

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061318\
 Data File : VN049215.D
 Acq On : 13 Jun 2018 21:52
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 6/14/2018 5:07:25 PM

Quant Time: Jun 14 04:42:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 04:25:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	933814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1449551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1388594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	717105	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1399872	93.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.92%	
35) Dibromofluoromethane	7.59	113	1150734	96.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.36%	
50) Toluene-d8	10.09	98	4611048	99.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.78%	
62) 4-Bromofluorobenzene	12.40	95	1636077	106.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	993405	72.34	ug/l	99
3) Chloromethane	2.06	50	1127425	80.14	ug/l	98
4) Vinyl Chloride	2.18	62	1196704	85.18	ug/l	99
5) Bromomethane	2.55	94	689004	89.36	ug/l	97
6) Chloroethane	2.70	64	778636	86.29	ug/l	99
7) Trichlorofluoromethane	3.01	101	1651418	85.97	ug/l	99
8) Diethyl Ether	3.41	74	685214	102.24	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.75	101	1155521	98.99	ug/l	98
10) Methyl Iodide	3.95	142	1367641	122.23	ug/l	95
11) Tert butyl alcohol	4.80	59	409368	485.92	ug/l	98
12) 1,1-Dichloroethene	3.73	96	1093049	101.80	ug/l	97
13) Acrolein	3.61	56	611609	787.55	ug/l	100
14) Allyl chloride	4.32	41	2166827	105.64	ug/l	88
15) Acrylonitrile	4.99	53	2226118	491.23	ug/l	99
16) Acetone	3.82	43	1609890	457.85	ug/l	93
17) Carbon Disulfide	4.05	76	3569699	100.50	ug/l	100
18) Methyl Acetate	4.33	43	1057092	93.17	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	3131213	98.48	ug/l	99
20) Methylene Chloride	4.55	84	1274346	97.41	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	1184366	96.77	ug/l	98
22) Diisopropyl ether	5.96	45	4383391	100.52	ug/l	94
23) Vinyl Acetate	5.90	43	15014411	505.24	ug/l	100
24) 1,1-Dichloroethane	5.85	63	2369900	95.36	ug/l	99
25) 2-Butanone	6.84	43	2544919	477.17	ug/l	99
26) 2,2-Dichloropropane	6.83	77	1781366	90.57	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	1341015	97.91	ug/l	98
28) Bromochloromethane	7.20	49	1186183	109.52	ug/l	99
29) Tetrahydrofuran	7.22	42	1695148	495.59	ug/l	99
30) Chloroform	7.37	83	2267018	93.83	ug/l	99
31) Cyclohexane	7.65	56	2237560	97.67	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	1947335	94.37	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1797691	99.14	ug/l	99
37) Ethyl Acetate	6.93	43	1150537	98.92	ug/l	99
38) Carbon Tetrachloride	7.78	117	1705160	95.78	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	1941045	102.43	ug/l	99
40) Benzene	8.04	78	5353642	98.54	ug/l	99
41) Methacrylonitrile	7.18	41	657717	102.76	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	1692152	95.69	ug/l	98
43) Isopropyl Acetate	8.17	43	2141653	96.53	ug/l	98
44) Trichloroethene	8.84	130	1276142	95.92	ug/l	100
45) 1,2-Dichloropropane	9.12	63	1455167	97.80	ug/l	99
46) Dibromomethane	9.21	93	792850	95.65	ug/l	97
47) Bromodichloromethane	9.40	83	1785430	97.07	ug/l	97
48) Methyl methacrylate	9.20	41	1056780	99.81	ug/l	91
49) 1,4-Dioxane	9.20	88	239913	2018.13	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	5912653	504.49	ug/l	98
52) Toluene	10.16	92	3229848	99.16	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1886019	102.84	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	2160630	101.44	ug/l	93
55) 1,1,2-Trichloroethane	10.56	97	1145210	98.65	ug/l	98
56) Ethyl methacrylate	10.43	69	1609973	106.78	ug/l #	92
57) 1,3-Dichloropropane	10.71	76	2008454	99.35	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	2733616	548.41	ug/l	100
59) 2-Hexanone	10.75	43	3816763	505.99	ug/l	97
60) Dibromochloromethane	10.90	129	1301090	100.41	ug/l	100
61) 1,2-Dibromoethane	11.01	107	1073921	98.86	ug/l	100
64) Tetrachloroethene	10.63	164	1240430	92.38	ug/l	98
65) Chlorobenzene	11.44	112	3447773	96.50	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	1261383	94.58	ug/l	100
67) Ethyl Benzene	11.51	91	6383765	100.43	ug/l	100
68) m/p-Xylenes	11.63	106	4763064	201.60	ug/l	100
69) o-Xylene	11.95	106	2316524	102.01	ug/l	99
70) Styrene	11.97	104	3806769	104.31	ug/l	99
71) Bromoform	12.13	173	869128	99.65	ug/l #	99
73) Isopropylbenzene	12.25	105	6176976	92.91	ug/l	99
74) N-amyl acetate	12.07	43	1932107	97.83	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	1381314	85.11	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	1161159m	84.10	ug/l	
77) Bromobenzene	12.53	156	1444473	92.50	ug/l	99
78) n-propylbenzene	12.59	91	7359673	96.91	ug/l	99
79) 2-Chlorotoluene	12.68	91	4325777	93.84	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	5044178	94.96	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	397307	91.77	ug/l	92
82) 4-Chlorotoluene	12.78	91	4349791	95.80	ug/l	100
83) tert-Butylbenzene	12.99	119	4253947	95.06	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	5140678	95.83	ug/l	99
85) sec-Butylbenzene	13.17	105	5881773	96.48	ug/l	99
86) p-Isopropyltoluene	13.29	119	4988993	98.43	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	2572524	95.67	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	2490602	95.61	ug/l	99
89) n-Butylbenzene	13.62	91	4320970	105.41	ug/l	99
90) Hexachloroethane	13.88	117	974257	89.85	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	2429964	94.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	209207	89.27	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1141301	111.59	ug/l	99
94) Hexachlorobutadiene	15.01	225	678437	86.99	ug/l	98
95) Naphthalene	15.14	128	2497253	111.36	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	1124810	107.96	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

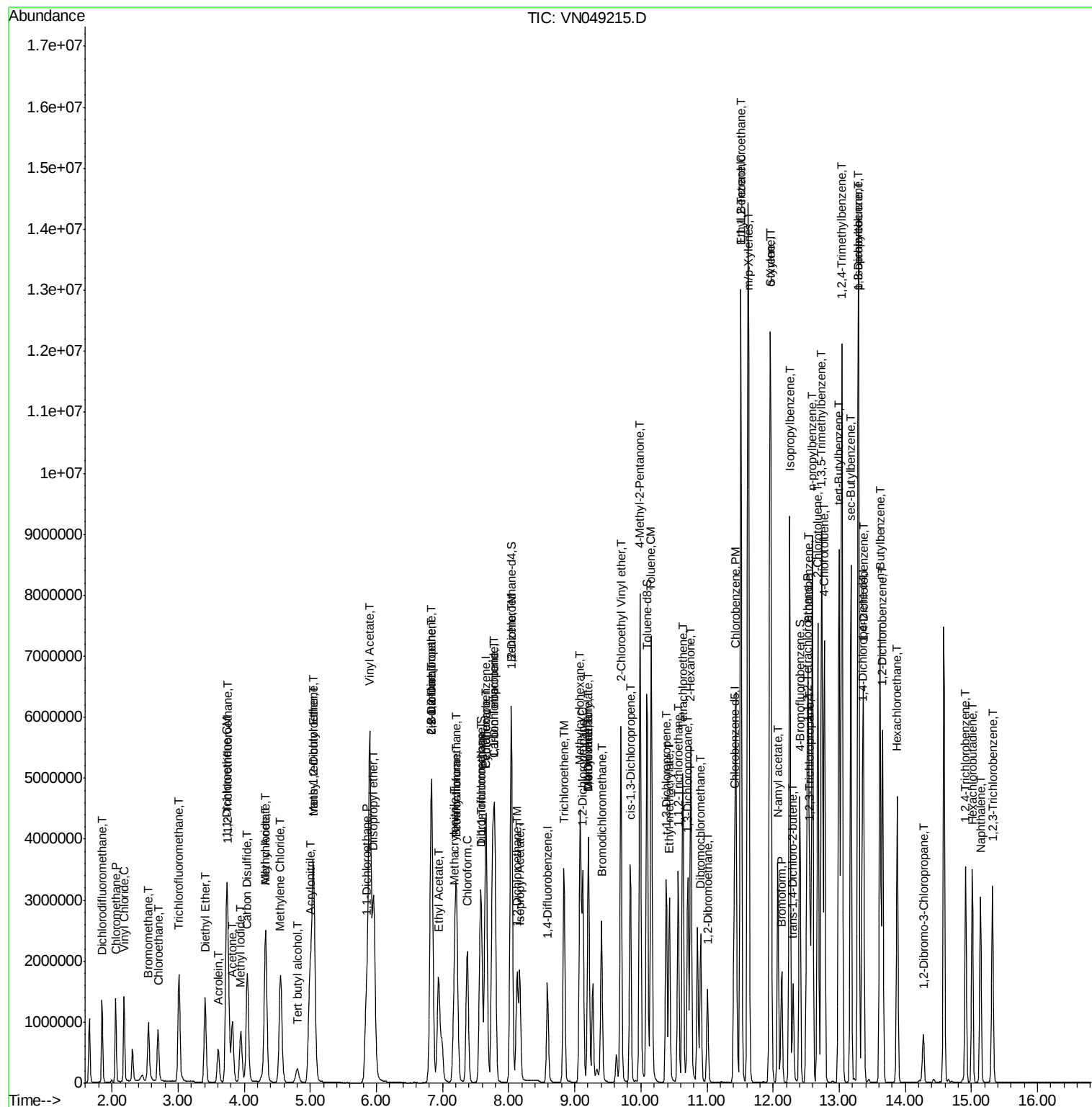
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061318\
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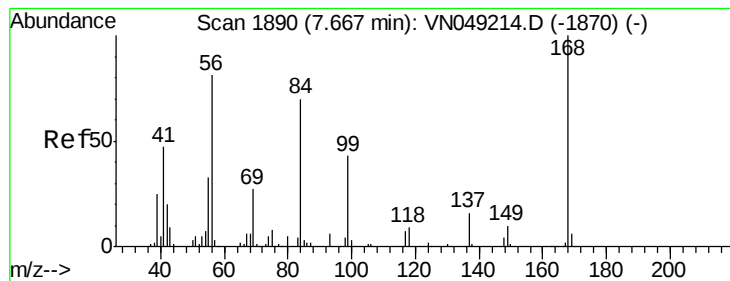
Instrument :
MSVOA_N
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 933814

Ion Ratio Lower Upper

168 100

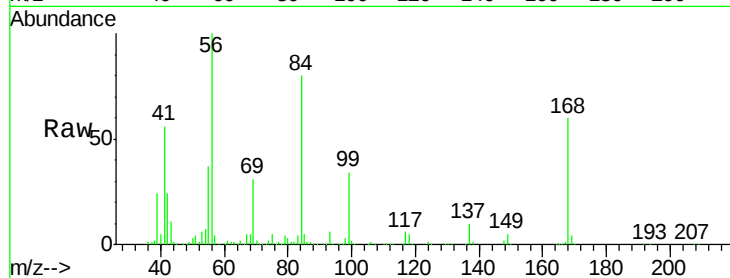
99 56.3 45.8 68.6

Manual Integrations

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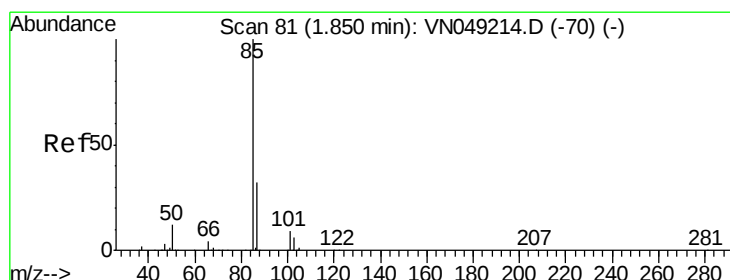
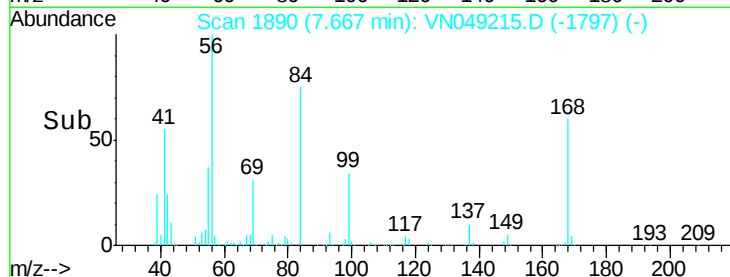
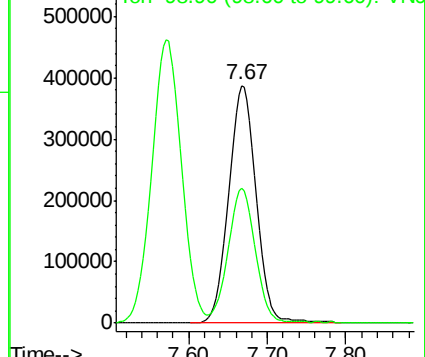
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 72.34 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049215.D

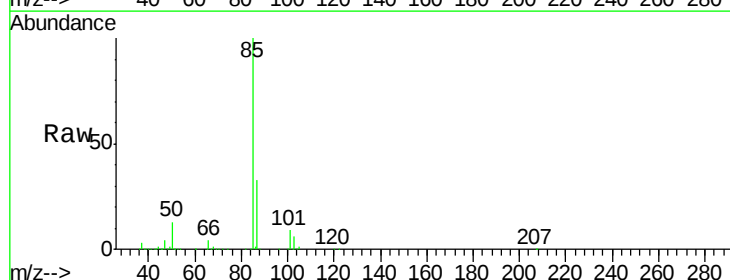
Acq: 13 Jun 2018 21:52

Tgt Ion: 85 Resp: 993405

Ion Ratio Lower Upper

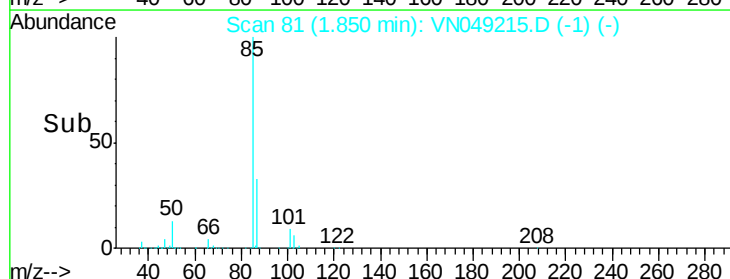
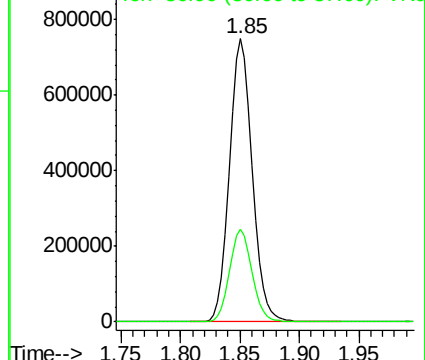
85 100

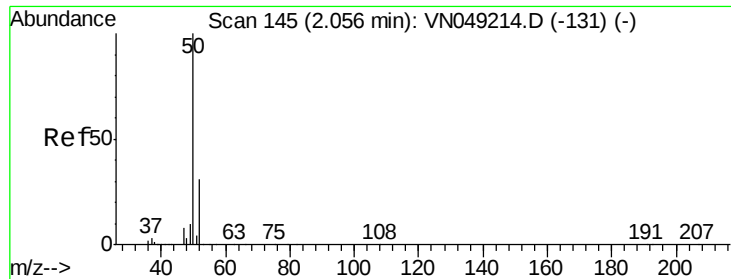
87 32.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 80.14 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 1127425

Ion Ratio Lower Upper

50 100

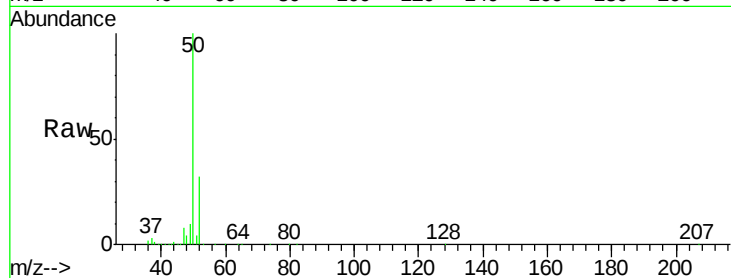
52 32.4 25.2 37.8

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC

1000000

800000

600000

400000

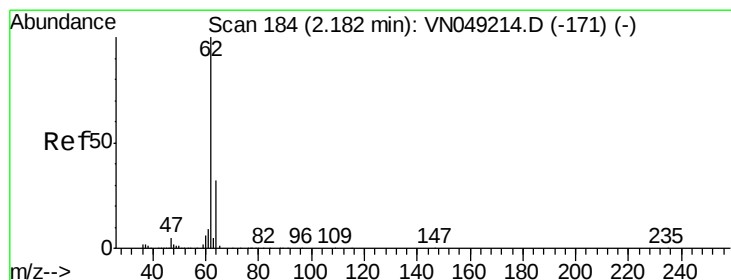
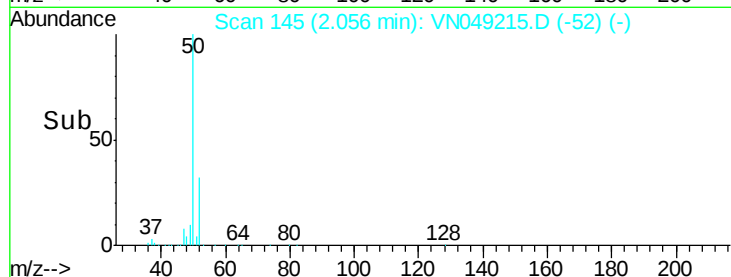
200000

0

2.06

2.00 2.05 2.10 2.15

Time-->



#4

Vinyl Chloride

Concen: 85.18 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN049215.D

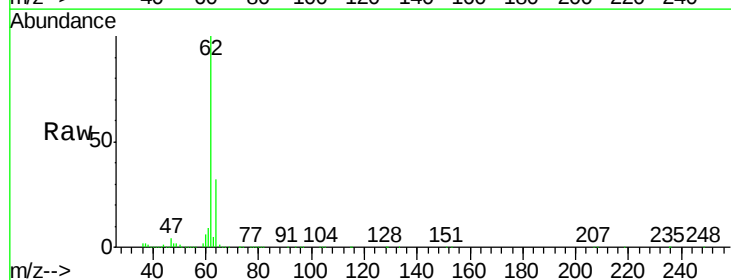
Acq: 13 Jun 2018 21:52

Tgt Ion: 62 Resp: 1196704

Ion Ratio Lower Upper

62 100

64 31.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC

1000000

800000

600000

400000

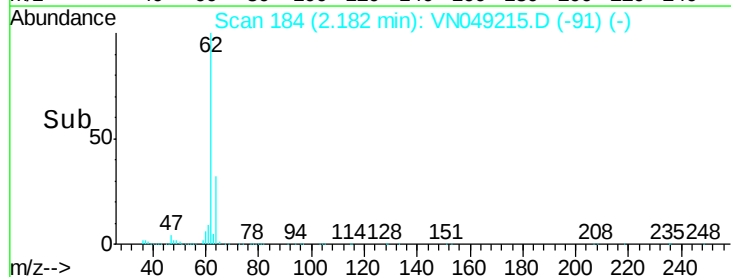
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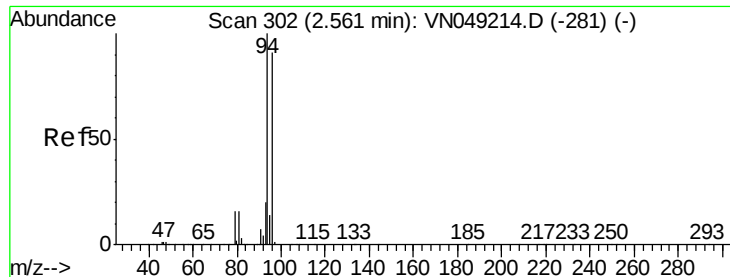
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2.18

2.10 2.15 2.20 2.25

Time-->





#5

Bromomethane

Concen: 89.36 ug/l

RT: 2.55 min Scan# 299

Delta R.T. -0.01 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 689004

Ion Ratio Lower Upper

94 100

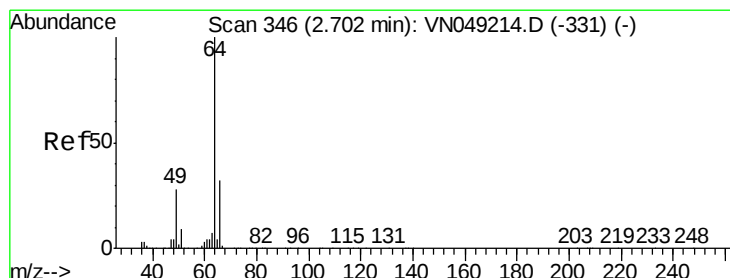
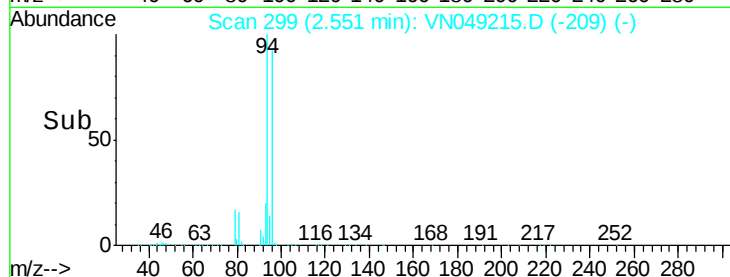
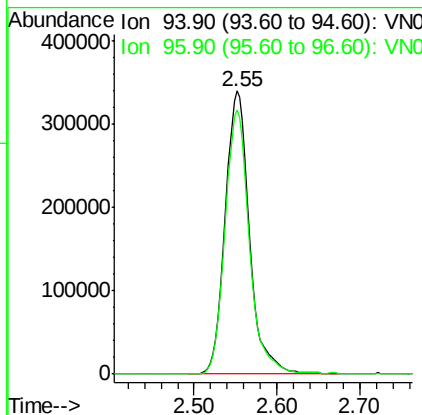
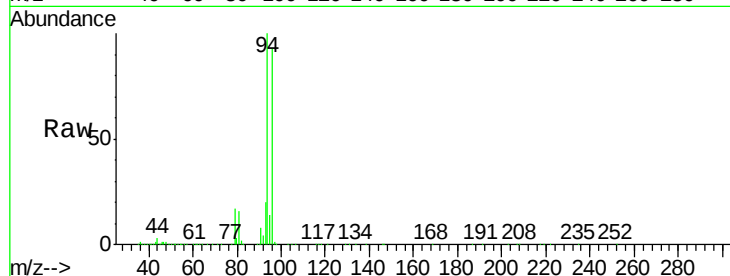
96 93.4 72.8 109.2

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#6

Chloroethane

Concen: 86.29 ug/l

RT: 2.70 min Scan# 344

Delta R.T. -0.01 min

Lab File: VN049215.D

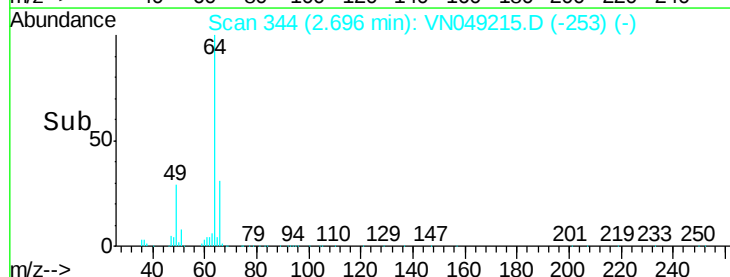
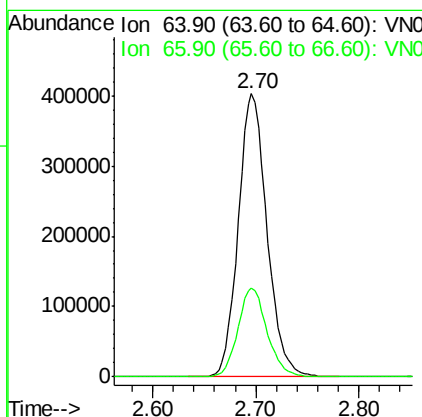
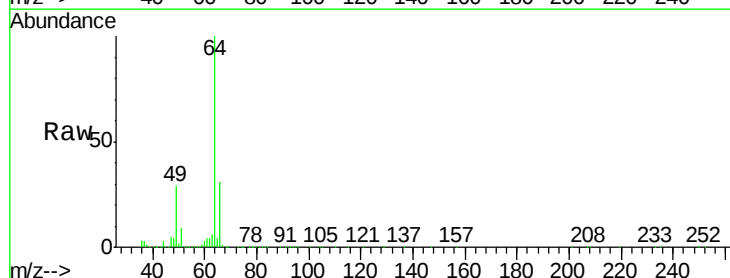
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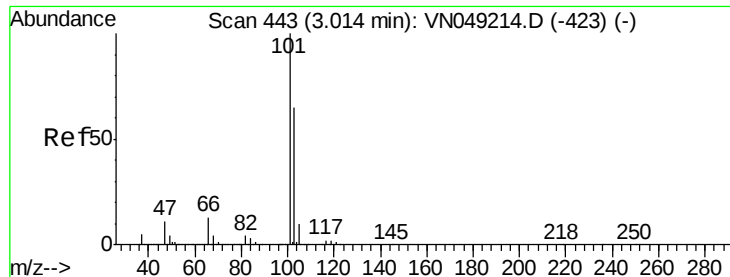
Tgt Ion: 64 Resp: 778636

Ion Ratio Lower Upper

64 100

66 31.3 25.6 38.4





#7

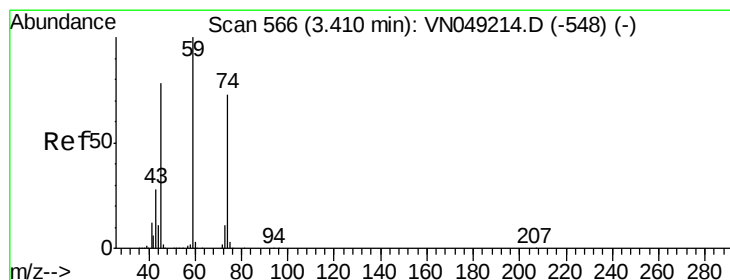
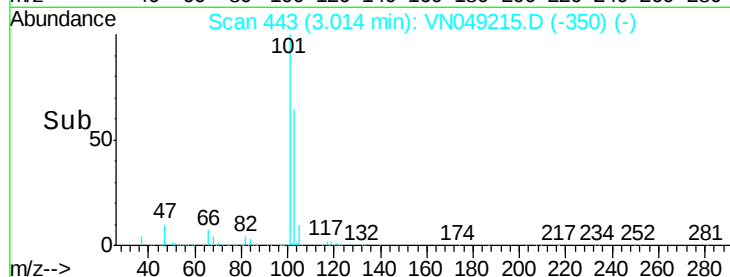
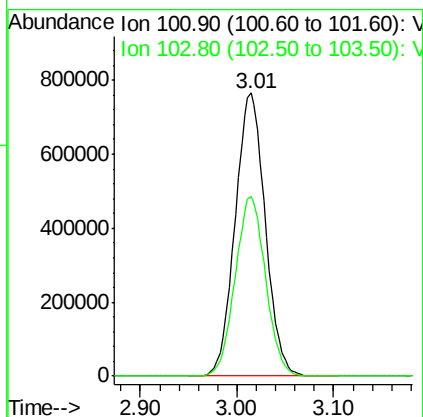
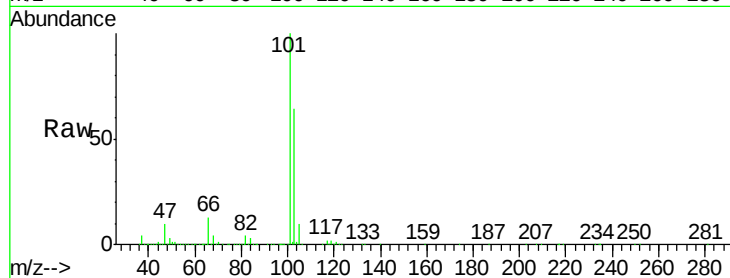
Trichlorofluoromethane
Concen: 85.97 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN049215.D
Acq: 13 Jun 2018 21:52

Instrument :
MSVOA_N
ClientSampled :
VSTDICC100

Tot Ion:101 Resp: 1651418
Ion Ratio Lower Upper
101 100
103 63.6 51.7 77.5

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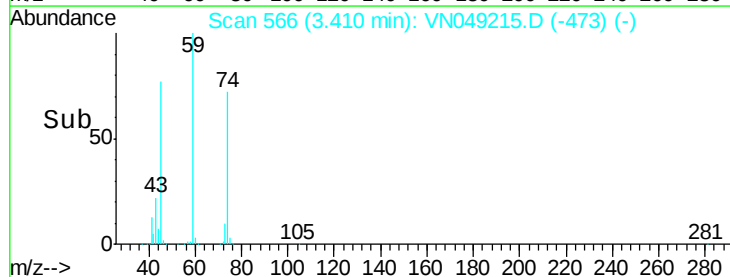
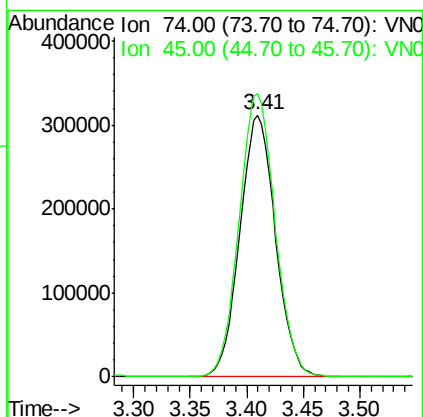
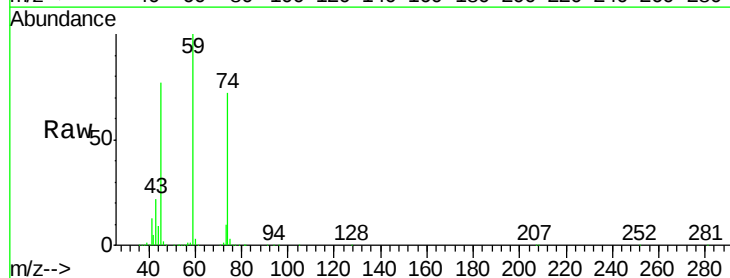
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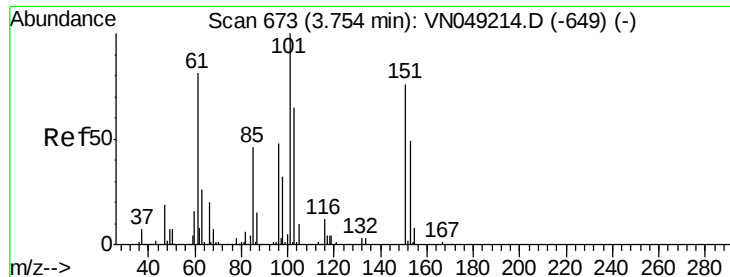


#8

Diethyl Ether
Concen: 102.24 ug/l
RT: 3.41 min Scan# 566
Delta R.T. 0.00 min
Lab File: VN049215.D
Acq: 13 Jun 2018 21:52

Tgt Ion: 74 Resp: 685214
Ion Ratio Lower Upper
74 100
45 108.7 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.99 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion:101 Resp: 115521

Ion Ratio Lower Upper

101 100

85 43.7 37.6 56.4

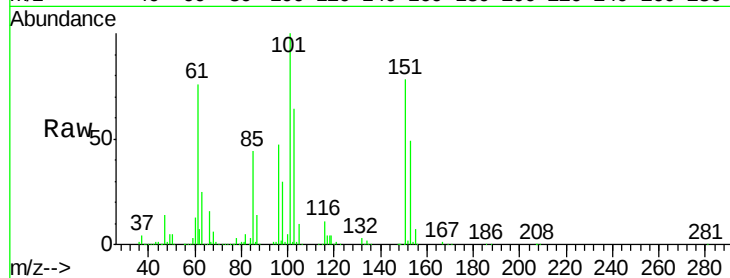
151 76.5 61.1 91.7

Manual Integrations

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apatel

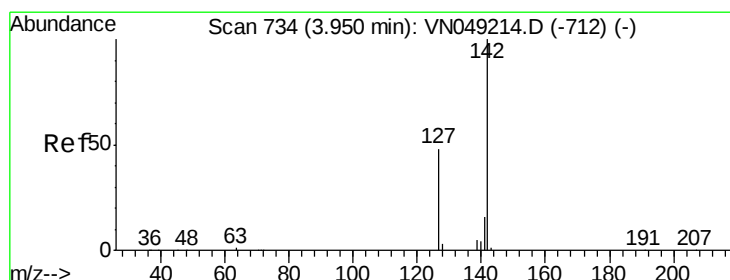
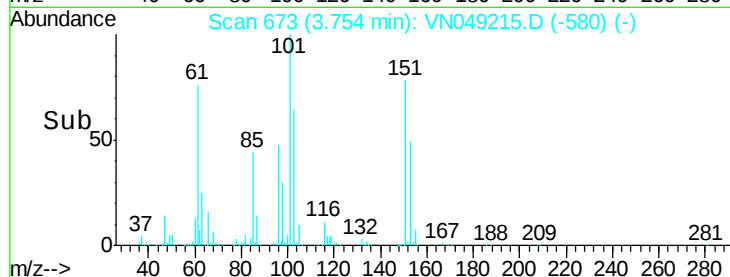
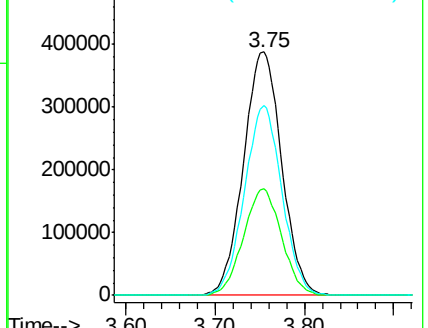
6/14/2018 5:07:25 PM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 122.23 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

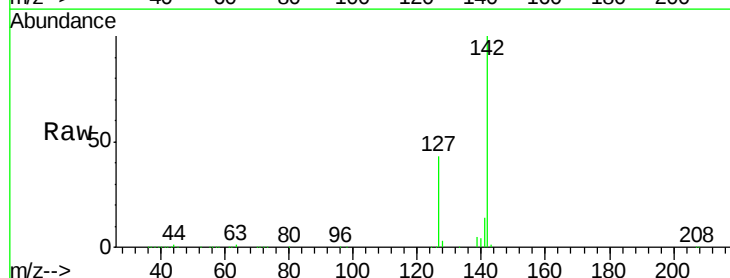
Tgt Ion:142 Resp: 1367641

Ion Ratio Lower Upper

142 100

127 43.4 38.2 57.4

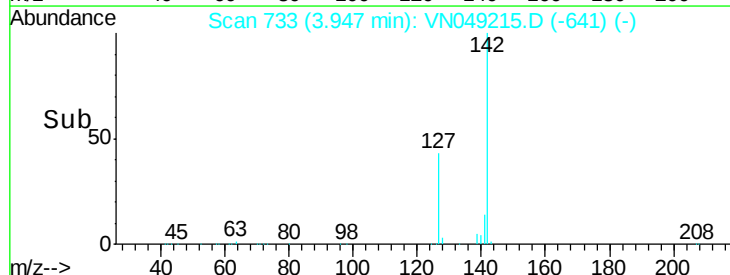
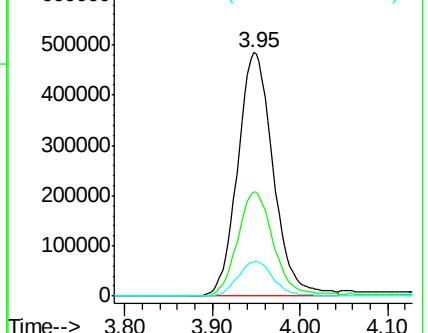
141 14.3 11.9 17.9

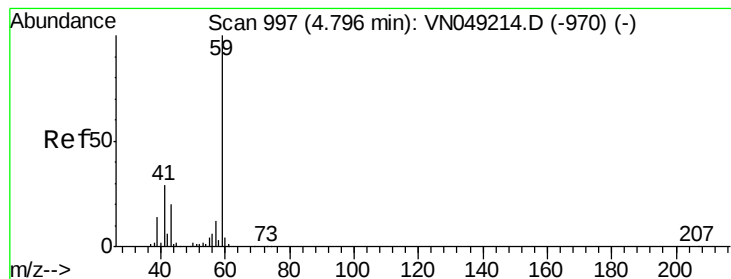


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

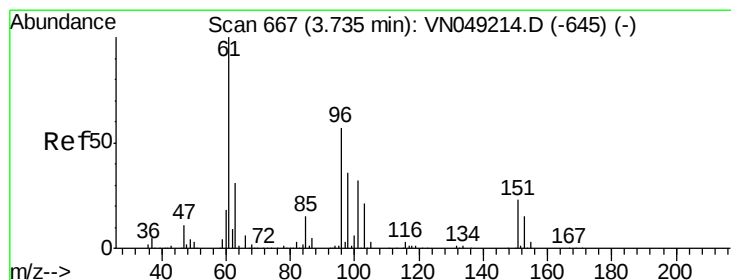
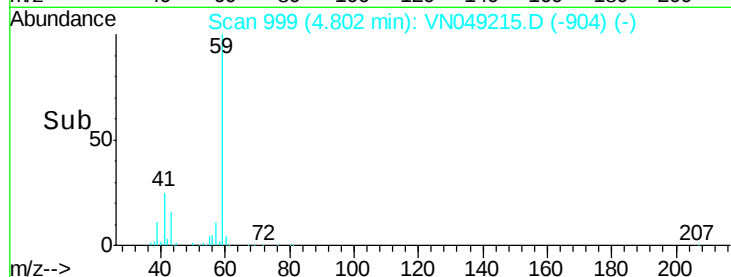
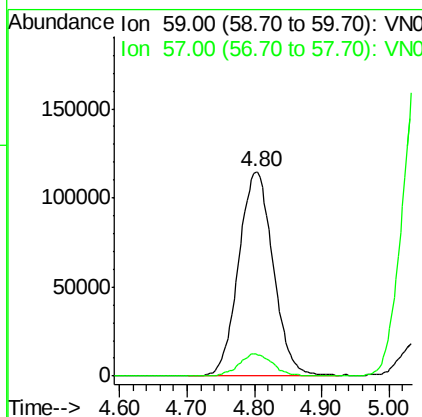
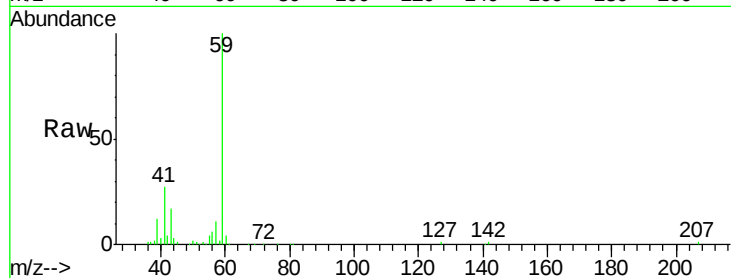
Tert butyl alcohol
 Concen: 485.92 ug/l
 RT: 4.80 min Scan# 999
 Delta R.T. 0.01 min
 Lab File: VN049215.D
 Acq: 13 Jun 2018 21:52

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	9.0	13.6

Manual Integrations
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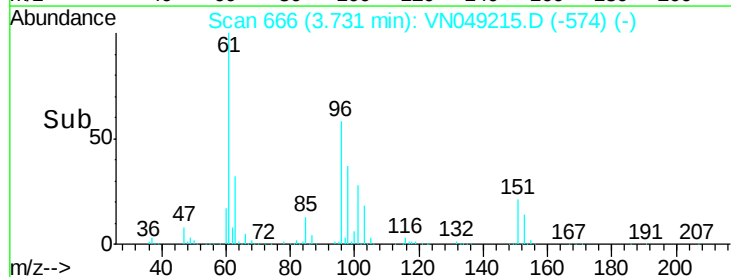
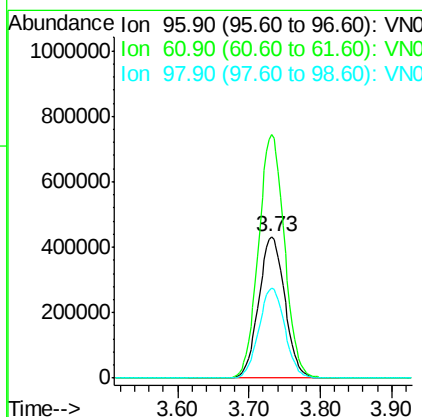
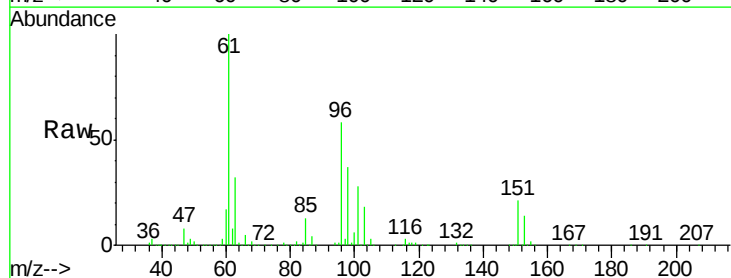
apatel
 6/14/2018 5:07:25 PM

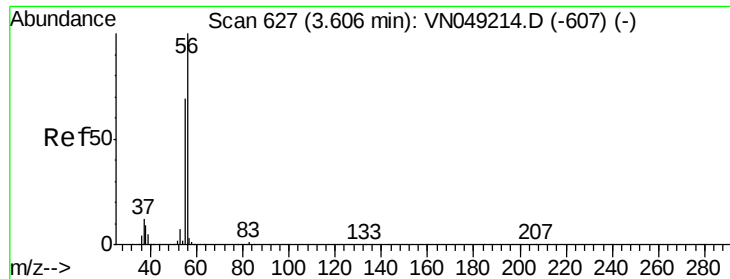


#12

1,1-Dichloroethene
 Concen: 101.80 ug/l
 RT: 3.73 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VN049215.D
 Acq: 13 Jun 2018 21:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.6	141.0	211.4
98	63.5	50.4	75.6





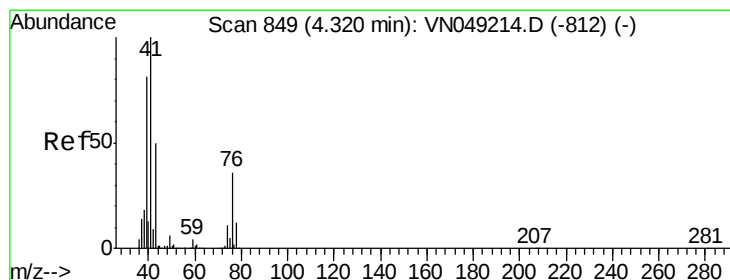
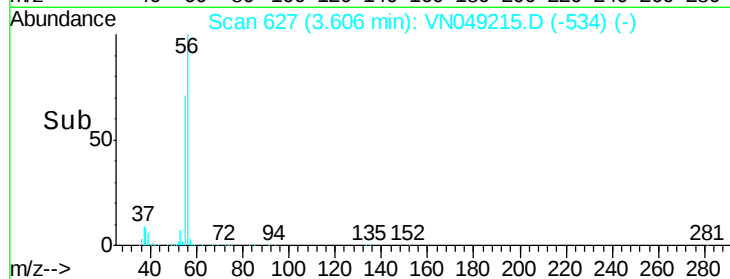
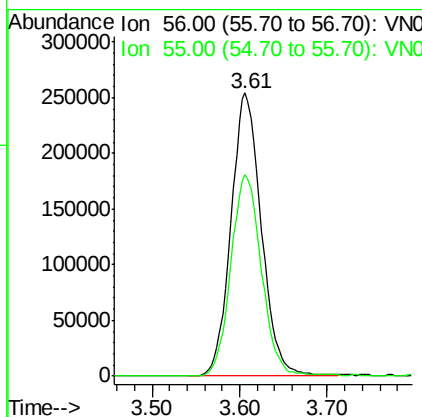
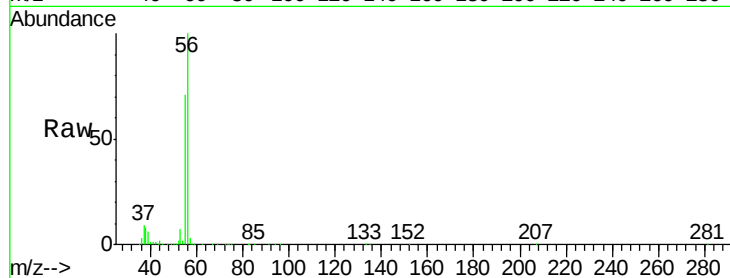
#13
 Acrolein
 Concen: 787.55 ug/l
 RT: 3.61 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: VN049215.D
 Acq: 13 Jun 2018 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	56	Resp	611609
Ion Ratio	100	Lower	Upper
56	100		
55	71.5	57.1	85.7

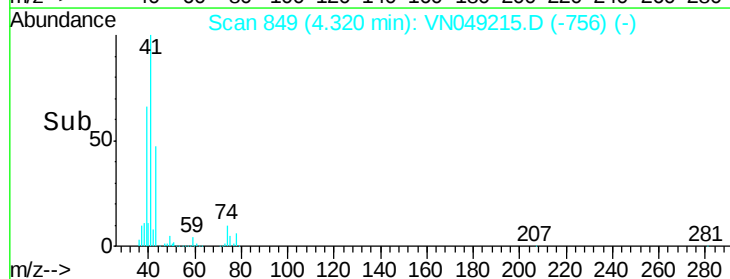
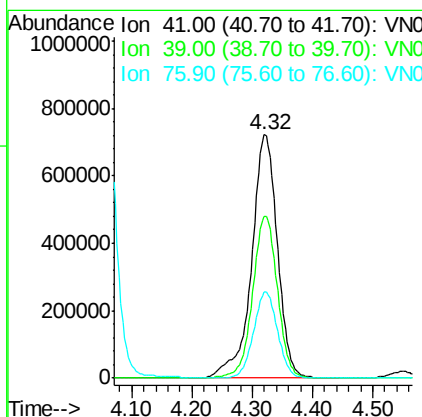
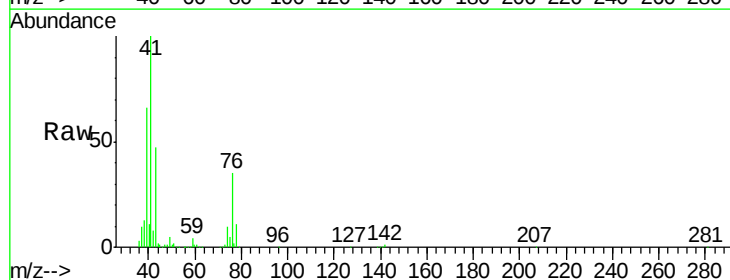
Manual Integrations
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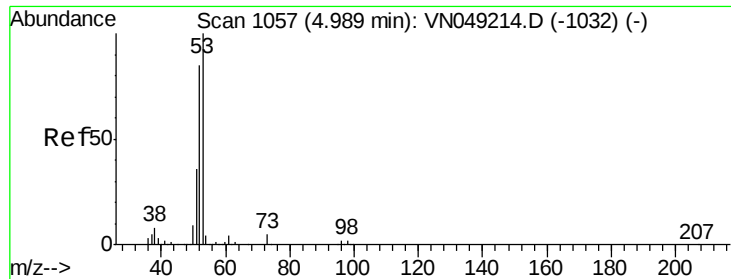
apatel
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#14
 Allyl chloride
 Concen: 105.64 ug/l
 RT: 4.32 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: VN049215.D
 Acq: 13 Jun 2018 21:52

Tgt Ion	41	Resp	2166827
Ion Ratio	100	Lower	Upper
41	100		
39	63.8	62.5	93.7
76	32.6	27.1	40.7





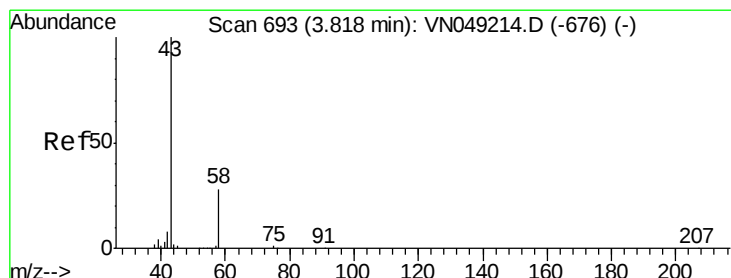
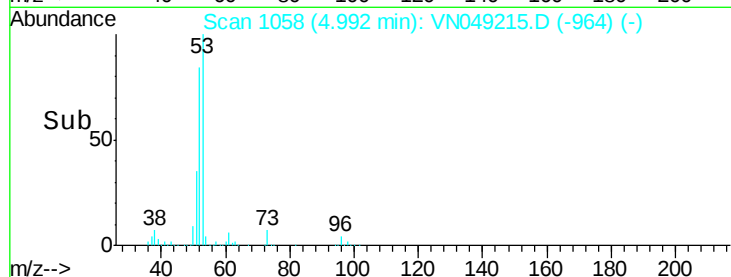
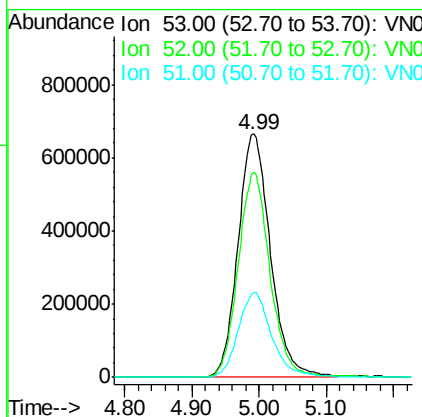
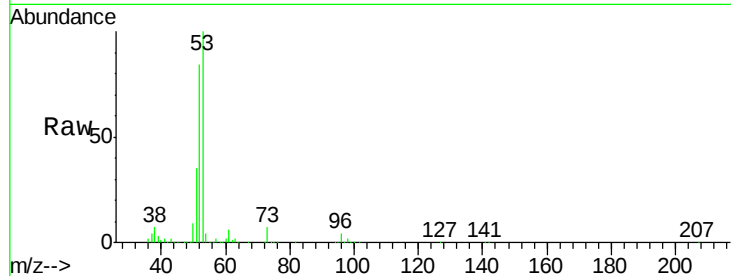
#15
 Acrylonitrile
 Concen: 491.23 ug/l
 RT: 4.99 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: VN049215.D
 Acq: 13 Jun 2018 21:52

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.6	100.0
51	35.9	29.8	44.8

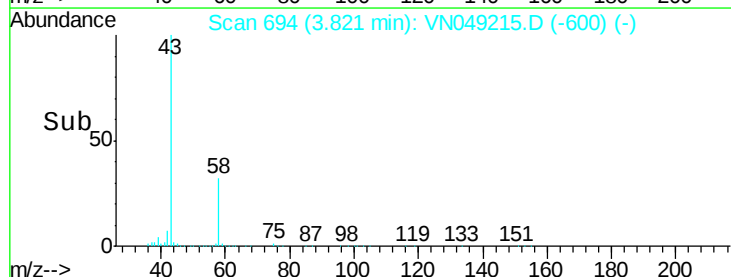
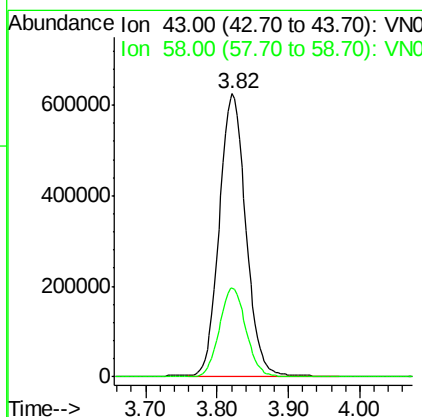
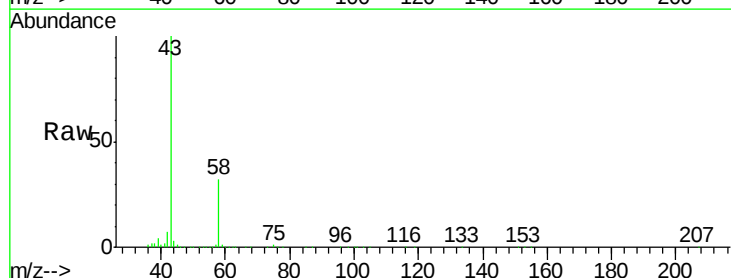
Manual Integrations
 APPROVED

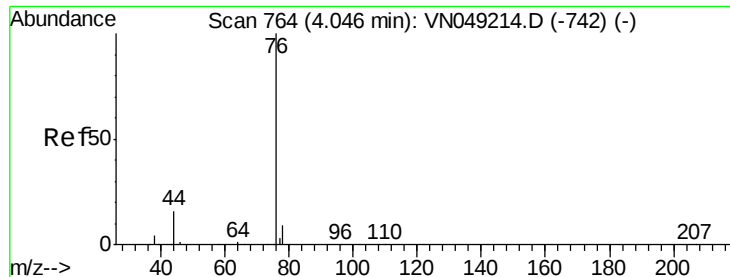
apatel
 6/14/2018 5:07:25 PM



#16
 Acetone
 Concen: 457.85 ug/l
 RT: 3.82 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: VN049215.D
 Acq: 13 Jun 2018 21:52

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.6	22.4	33.6





#17

Carbon Disulfide

Concen: 100.50 ug/l

RT: 4.05 min Scan# 764

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 3569699

Ion Ratio Lower Upper

76 100

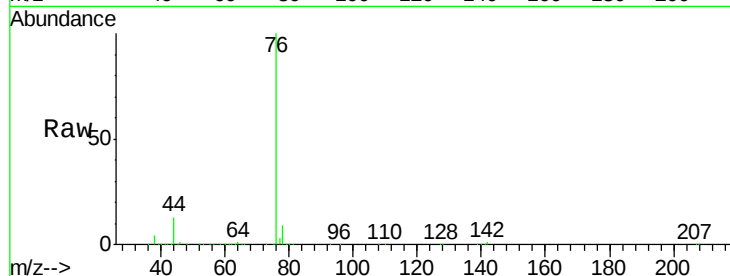
78 9.3 7.4 11.0

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN049214.D (-742) (-)

Ion 77.90 (77.60 to 78.60): VN049214.D (-742) (-)

4.05

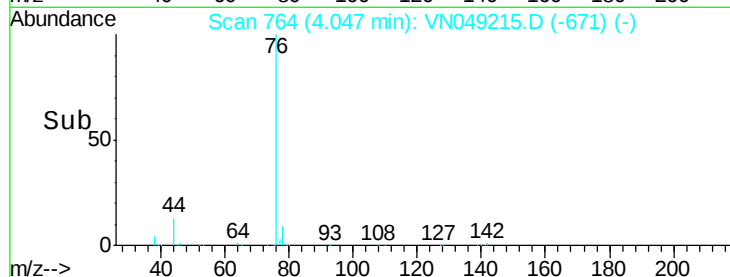
1500000

1000000

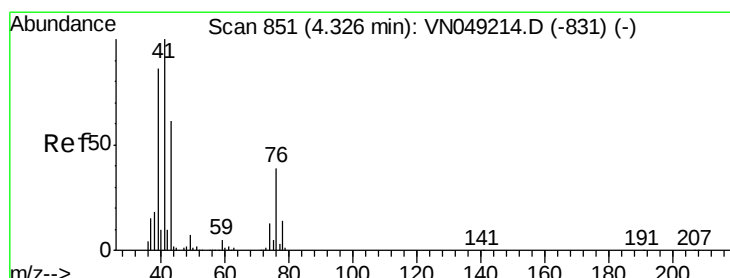
500000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 93.17 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN049215.D

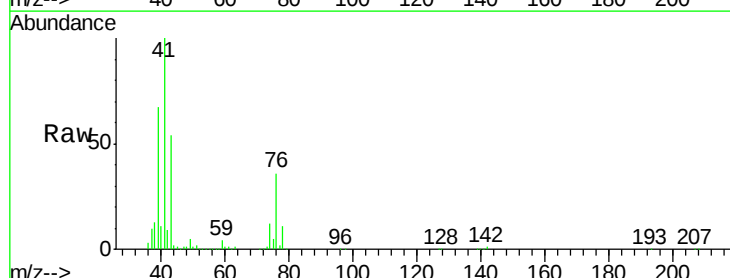
Acq: 13 Jun 2018 21:52

Tgt Ion: 43 Resp: 1057092

Ion Ratio Lower Upper

43 100

74 21.6 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN049214.D (-831) (-)

Ion 74.00 (73.70 to 74.70): VN049214.D (-831) (-)

4.33

400000

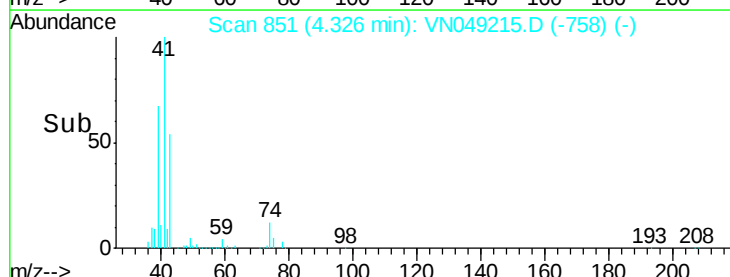
300000

200000

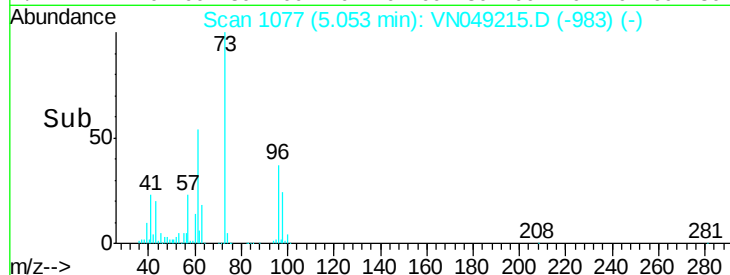
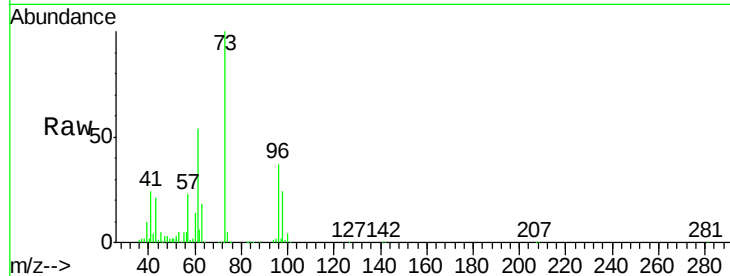
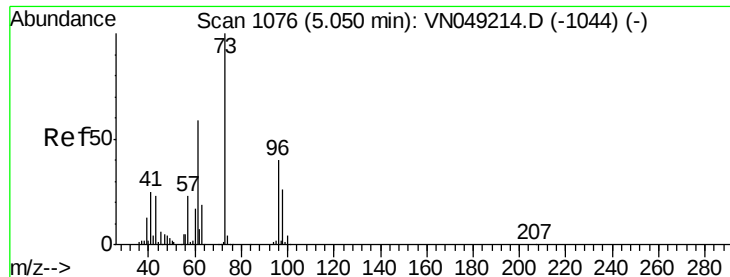
100000

0

Time-->



Time-->



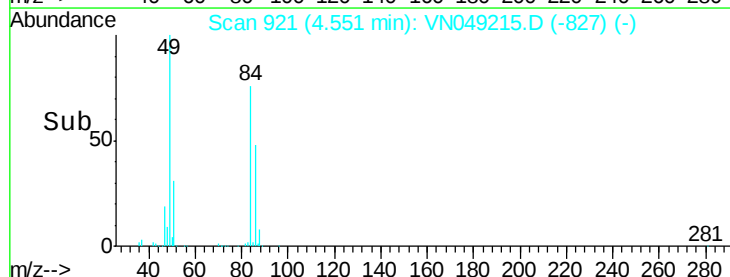
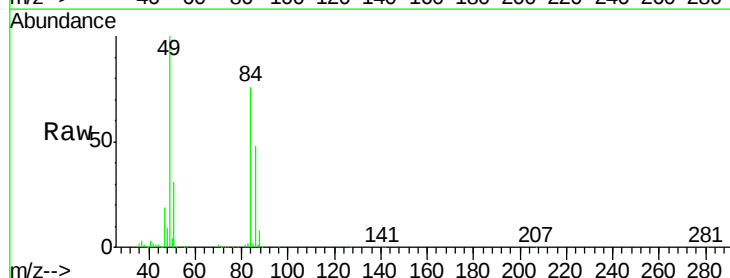
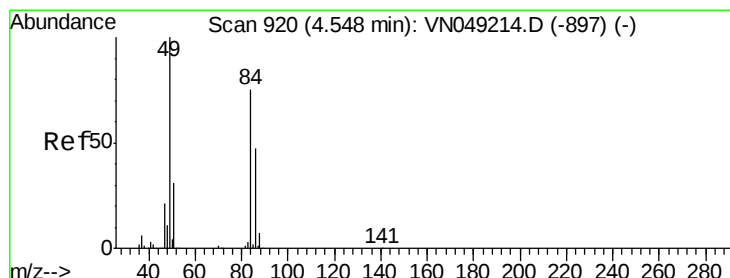
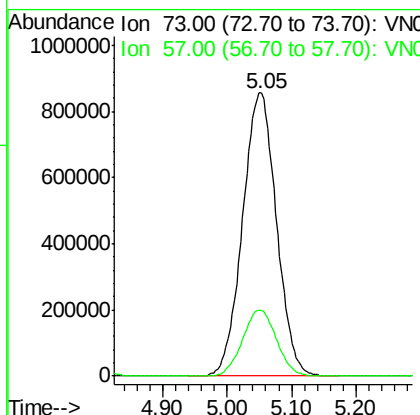
#19
Methvl tert-butvl Ether
Concen: 98.48 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN049215.D
Acq: 13 Jun 2018 21:52

Tot Ion: 73 Resp: 3131213
Ion Ratio Lower Upper
73 100
57 23.2 18.2 27.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

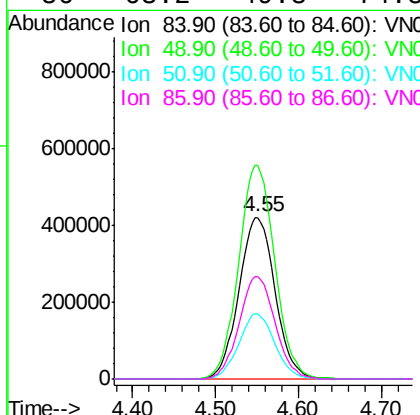
Manual Integrations
APPROVED

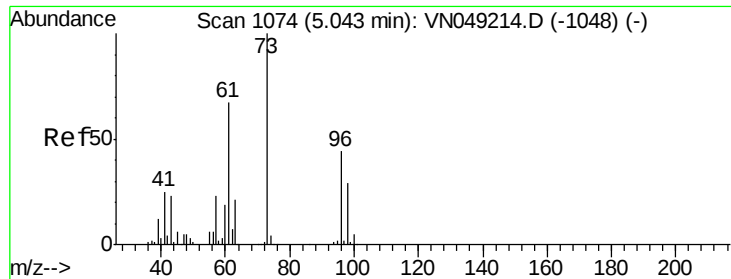
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#20
Methylene Chloride
Concen: 97.41 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049215.D
Acq: 13 Jun 2018 21:52

Tgt Ion: 84 Resp: 1274346
Ion Ratio Lower Upper
84 100
49 132.3 106.9 160.3
51 40.6 32.7 49.1
86 63.2 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 96.77 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 96 Resp: 1184366

Ion Ratio Lower Upper

96 100

61 149.5 121.3 181.9

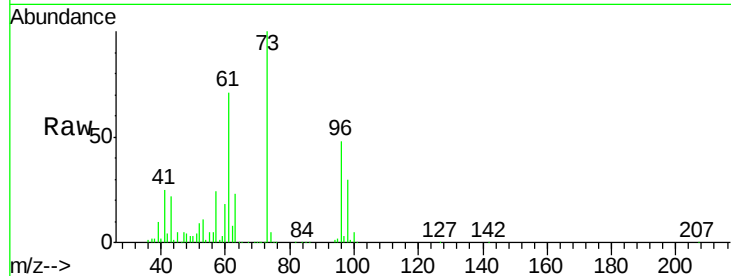
98 62.6 52.0 78.0

Manual Integrations

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apatel

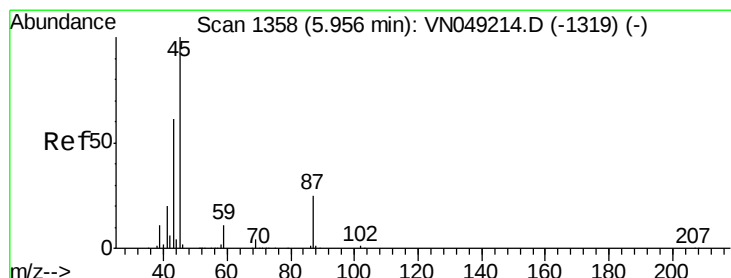
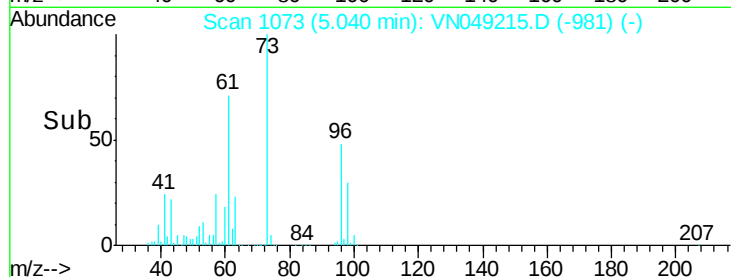
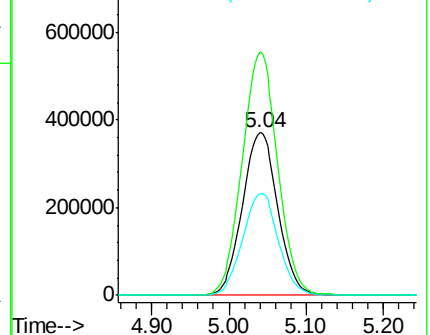
6/14/2018 5:07:25 PM



Abundance Ion 95.90 (95.60 to 96.60): VNC

Ion 60.90 (60.60 to 61.60): VNC

Ion 97.90 (97.60 to 98.60): VNC



#22

Diisopropyl ether

Concen: 100.52 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Tgt Ion: 45 Resp: 4383391

Ion Ratio Lower Upper

45 100

43 54.7 48.6 72.8

87 23.5 20.2 30.2

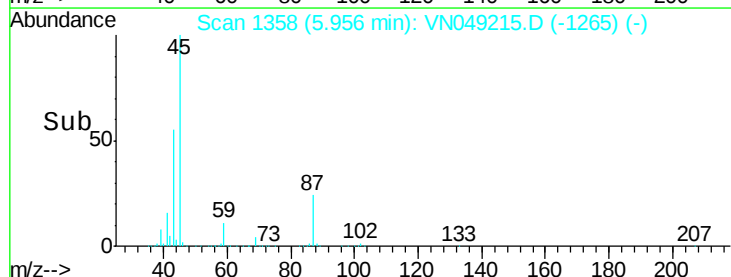
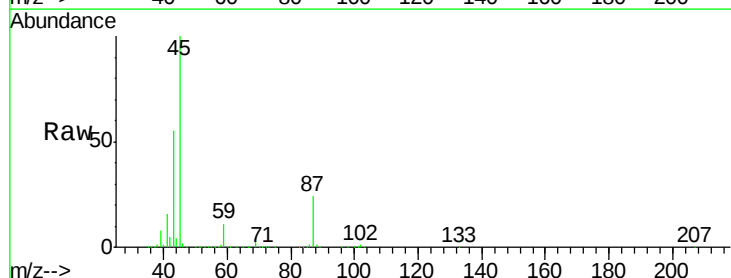
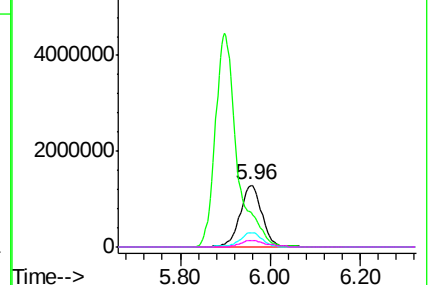
59 10.8 9.0 13.4

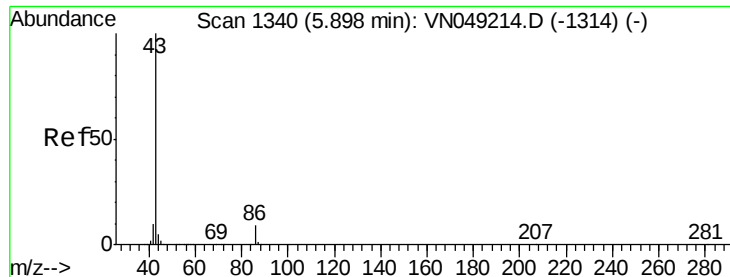
Abundance Ion 45.00 (44.70 to 45.70): VNC

Ion 43.00 (42.70 to 43.70): VNC

Ion 87.00 (86.70 to 87.70): VNC

Ion 59.00 (58.70 to 59.70): VNC





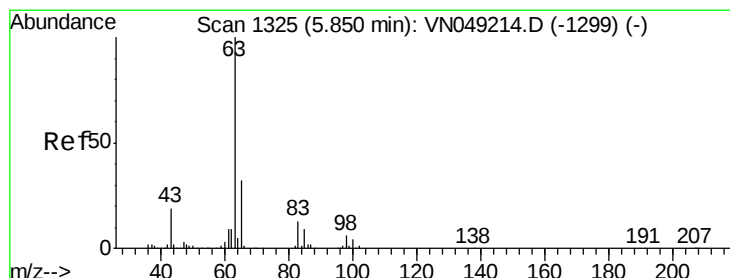
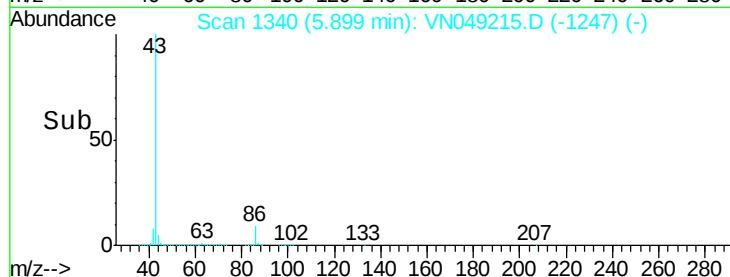
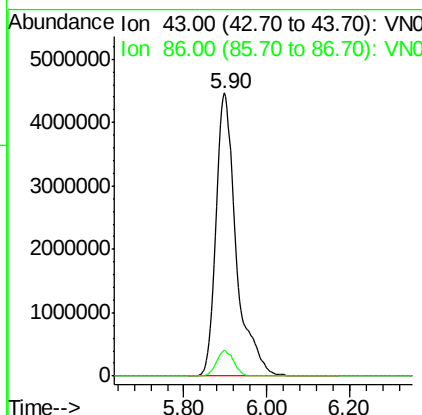
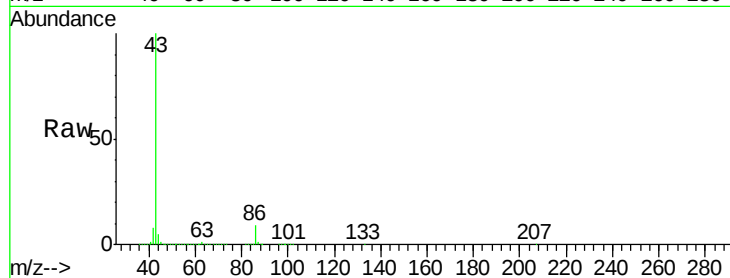
#23
 Vinyl Acetate
 Concen: 505.24 ug/l
 RT: 5.90 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VN049215.D
 Acq: 13 Jun 2018 21:52

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC100

Tot Ion: 43 Resp:15014411
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.2 10.8

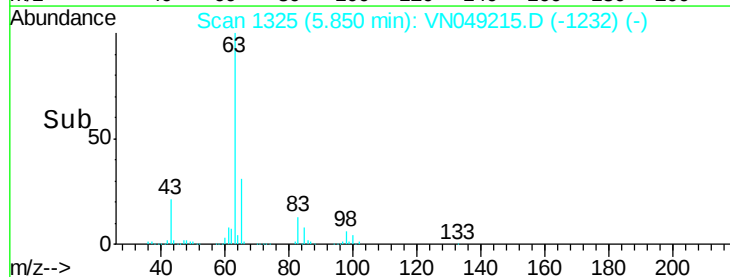
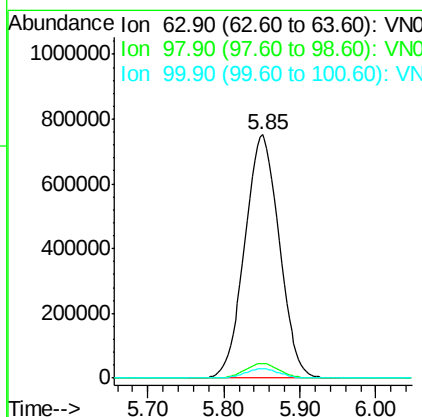
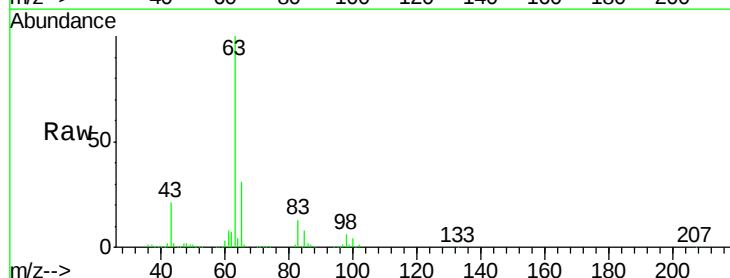
Manual Integrations
 APPROVED

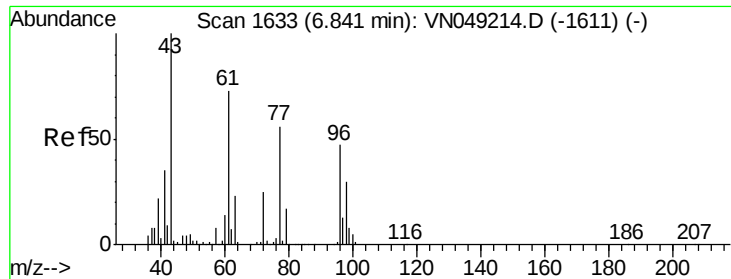
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 6/14/2018 5:07:25 PM



#24
 1,1-Dichloroethane
 Concen: 95.36 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VN049215.D
 Acq: 13 Jun 2018 21:52

Tgt Ion: 63 Resp: 2369900
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.9 8.8
 100 3.8 2.1 6.3





#25

2-Butanone

Concen: 477.17 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 2544919

Ion Ratio Lower Upper

43 100

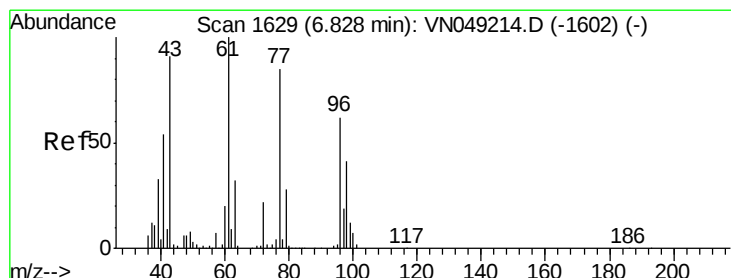
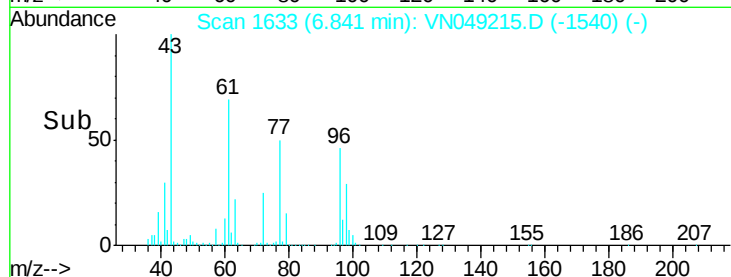
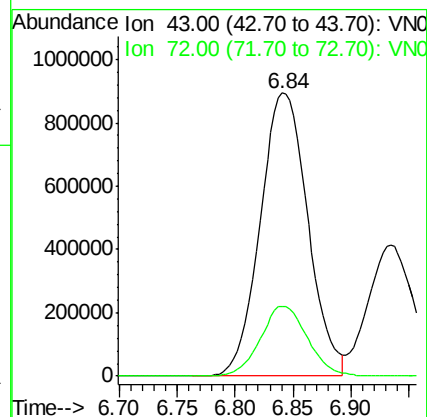
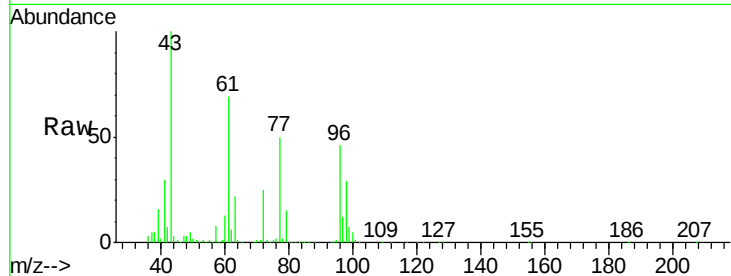
72 24.8 20.2 30.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 90.57 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN049215.D

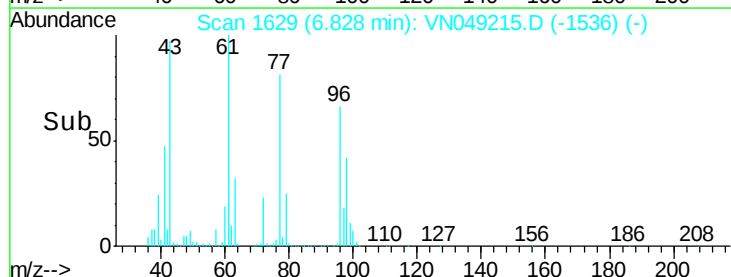
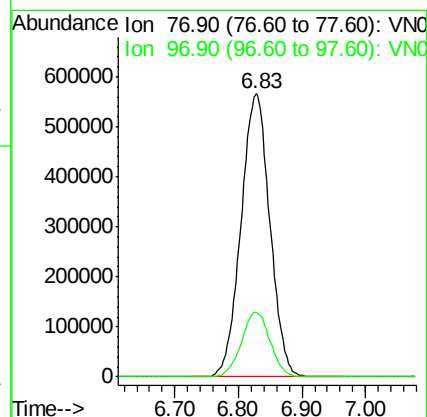
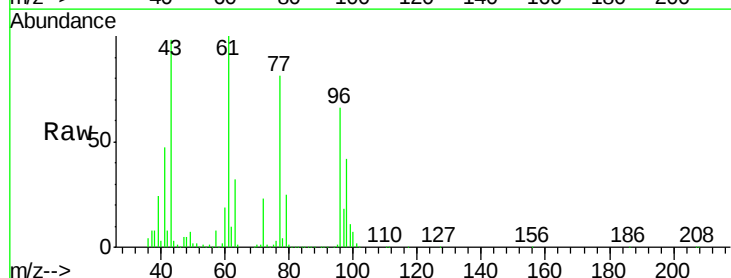
Acq: 13 Jun 2018 21:52

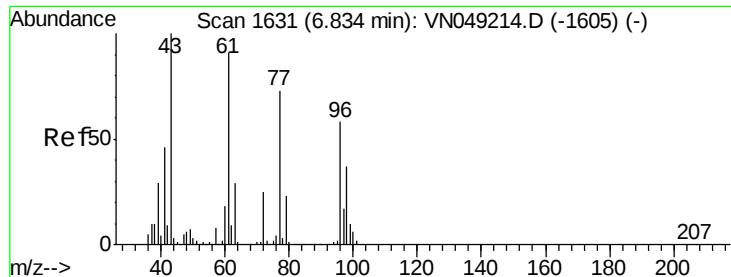
Tgt Ion: 77 Resp: 1781366

Ion Ratio Lower Upper

77 100

97 22.8 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 97.91 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 96 Resp: 1341015

Ion Ratio Lower Upper

96 100

61 154.0 0.0 316.4

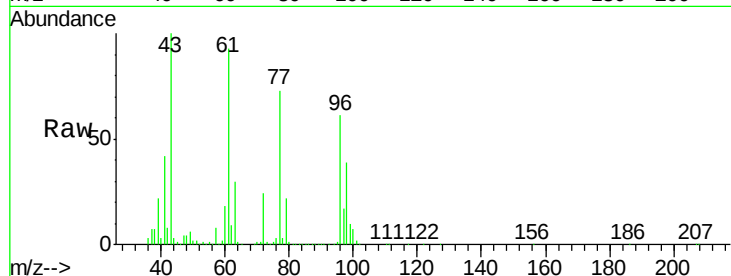
98 64.3 0.0 128.4

Manual Integrations

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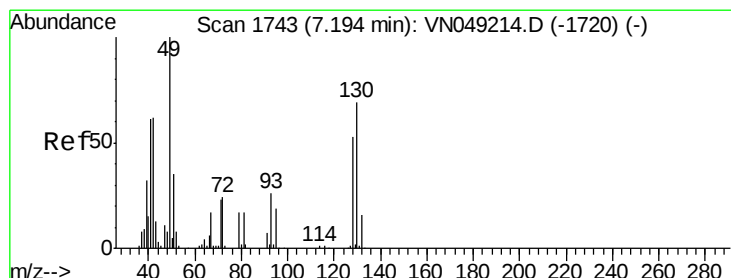
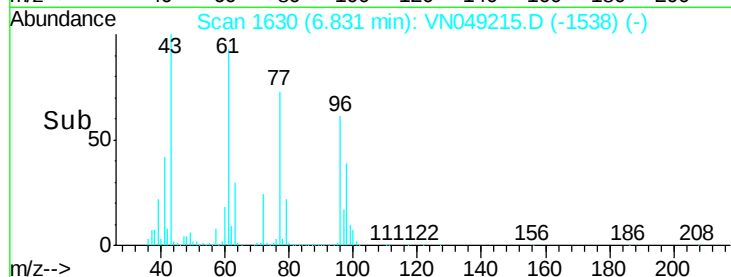
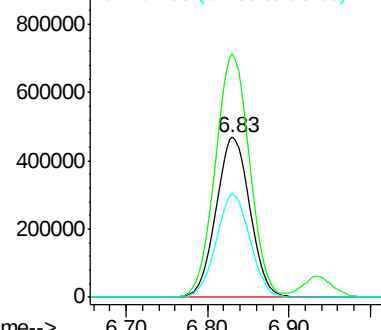
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Abundance Ion 95.90 (95.60 to 96.60): VN049215.D (-1538) (-)

Ion 60.90 (60.60 to 61.60): VN049215.D (-1538) (-)

Ion 97.90 (97.60 to 98.60): VN049215.D (-1538) (-)



#28

Bromochloromethane

Concen: 109.52 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

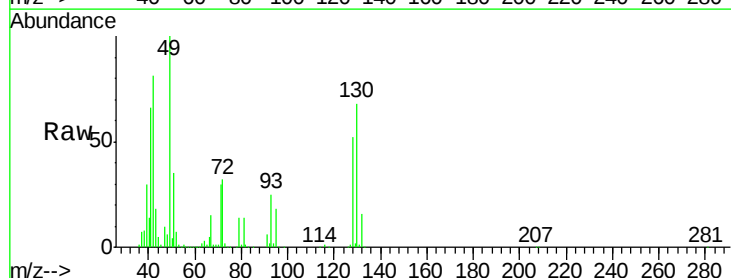
Tgt Ion: 49 Resp: 1186183

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

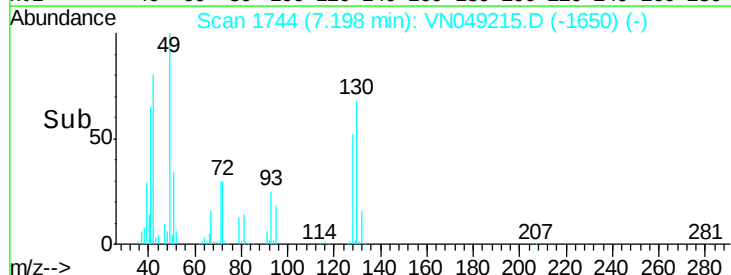
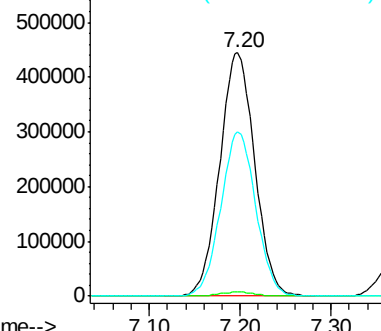
130 67.6 54.9 82.3

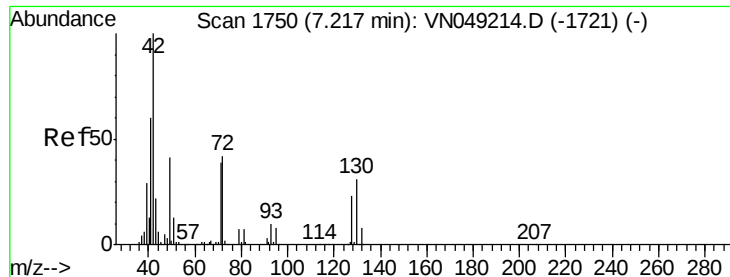


Abundance Ion 48.90 (48.60 to 49.60): VN049215.D (-1650) (-)

Ion 128.80 (128.50 to 129.50): VN049215.D (-1650) (-)

Ion 129.80 (129.50 to 130.50): VN049215.D (-1650) (-)





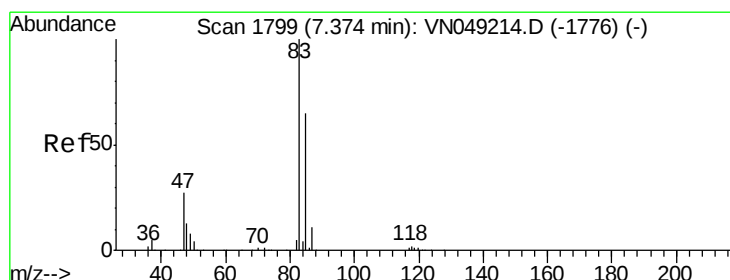
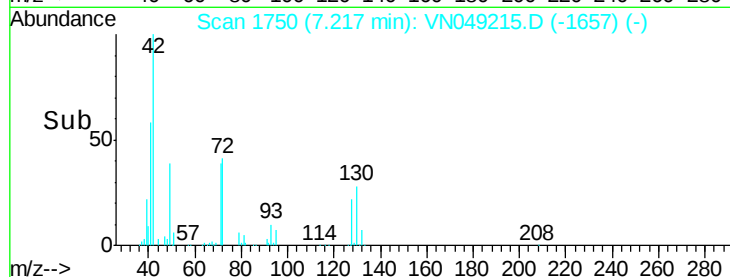
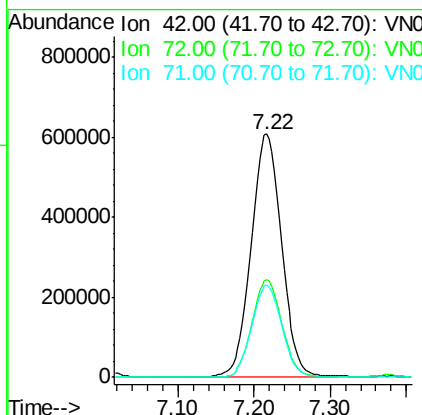
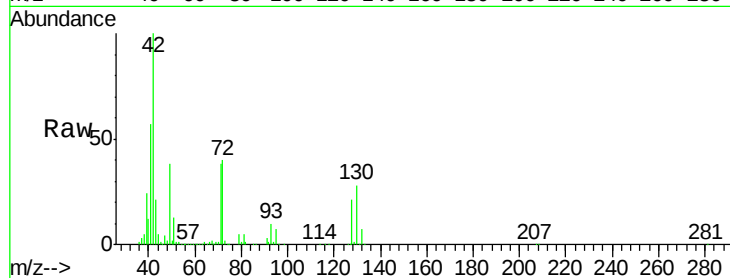
#29
Tetrahydrofuran
Concen: 495.59 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN049215.D
Acq: 13 Jun 2018 21:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.3	32.2	48.4
71	37.5	30.5	45.7

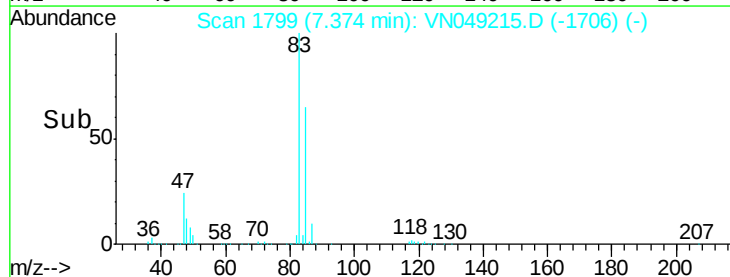
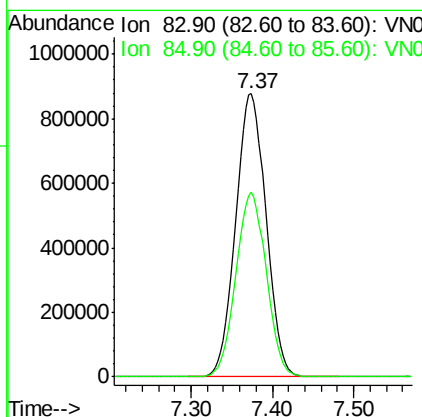
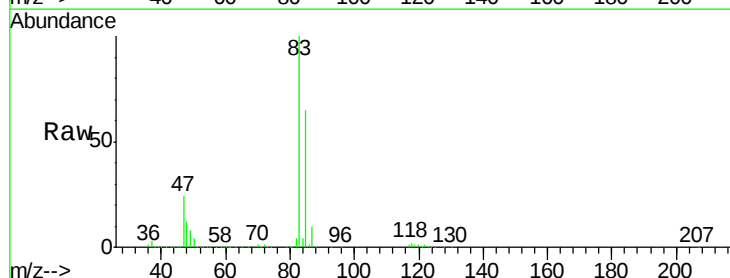
Manual Integrations
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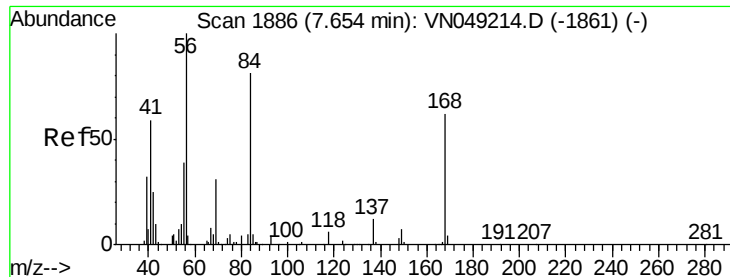
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#30
Chloroform
Concen: 93.83 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049215.D
Acq: 13 Jun 2018 21:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.7	77.5





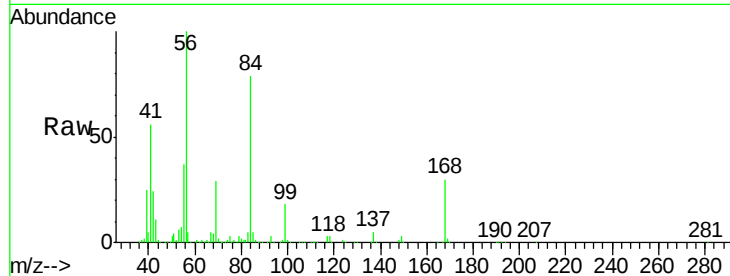
#31
Cyclohexane
Concen: 97.67 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN049215.D
Acq: 13 Jun 2018 21:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

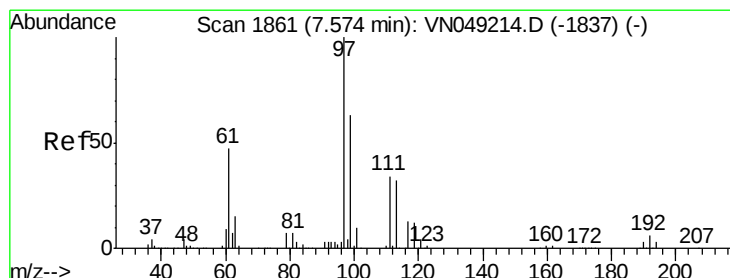
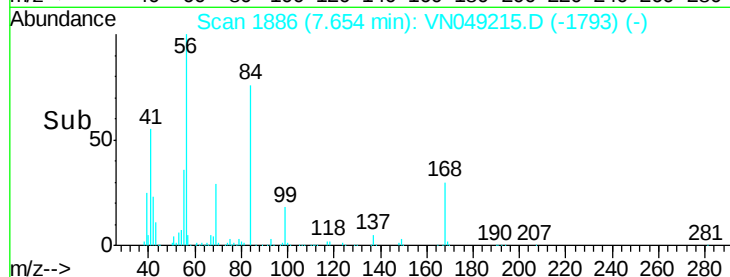
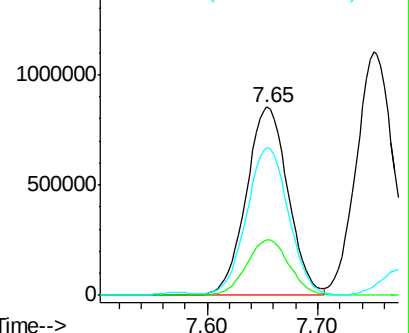
Tot Ion	Ratio	Lower	Upper
56	100		
69	29.3	25.0	37.4
84	77.3	64.6	96.8

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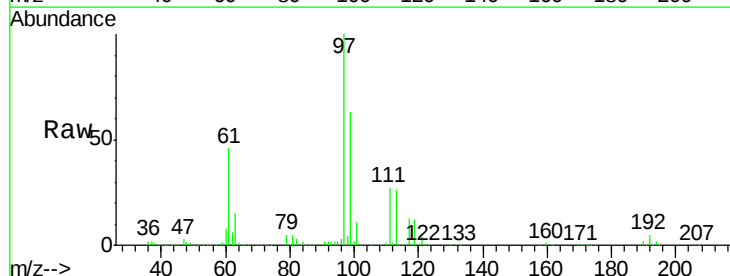


Abundance Ion 56.00 (55.70 to 56.70): VN049215.D (-1793) (-)
Ion 69.00 (68.70 to 69.70): VN049215.D (-1793) (-)
Ion 84.00 (83.70 to 84.70): VN049215.D (-1793) (-)

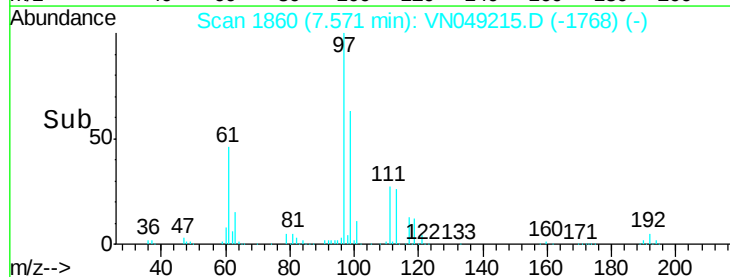
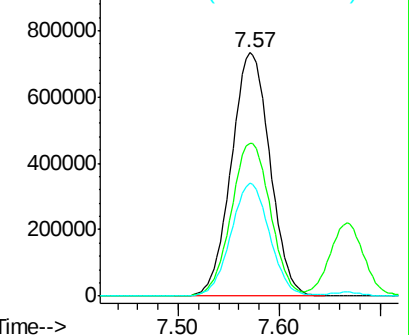


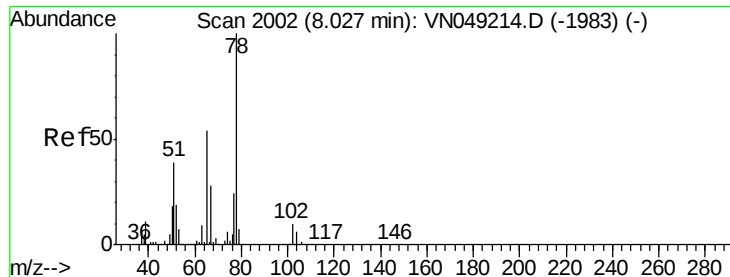
#32
1,1,1-Trichloroethane
Concen: 94.37 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN049215.D
Acq: 13 Jun 2018 21:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.5	75.7
61	46.3	37.9	56.9



Abundance Ion 96.90 (96.60 to 97.60): VN049215.D (-1768) (-)
Ion 98.90 (98.60 to 99.60): VN049215.D (-1768) (-)
Ion 60.90 (60.60 to 61.60): VN049215.D (-1768) (-)





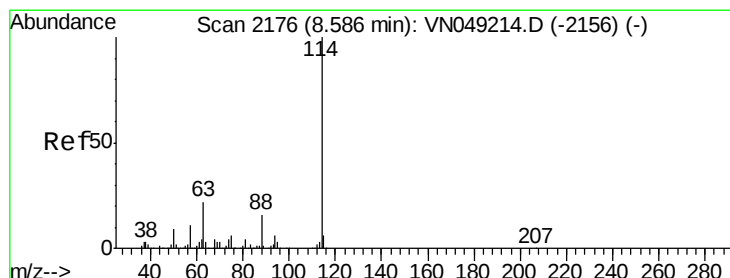
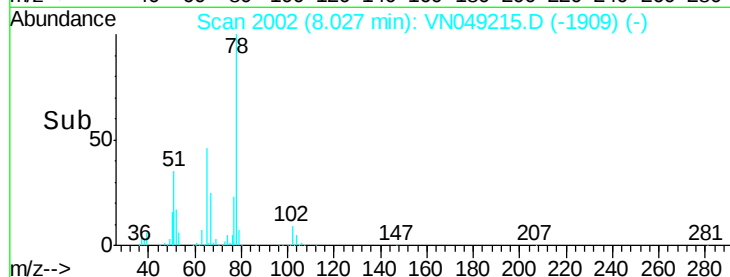
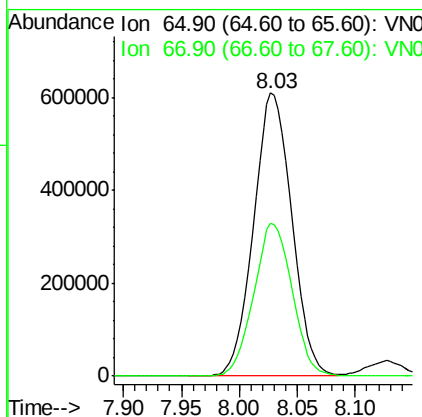
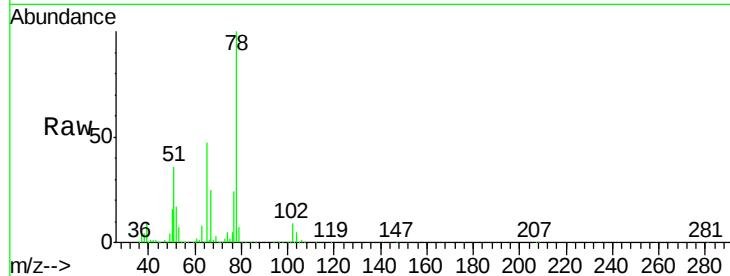
#33
 1,2-Dichloroethane-d4
 Concen: 93.46 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049215.D
 Acq: 13 Jun 2018 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 65 Resp: 1399872
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 103.8

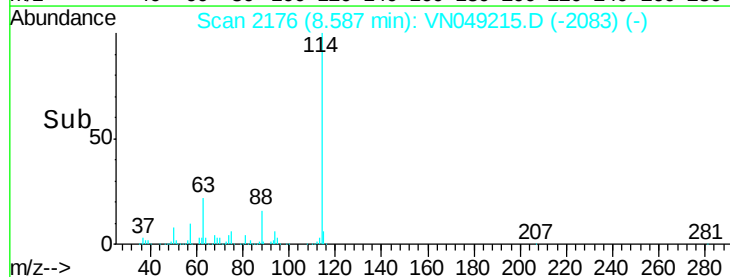
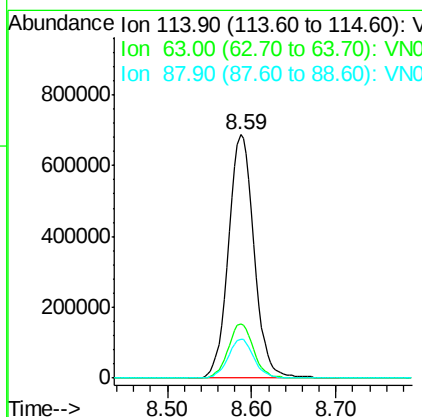
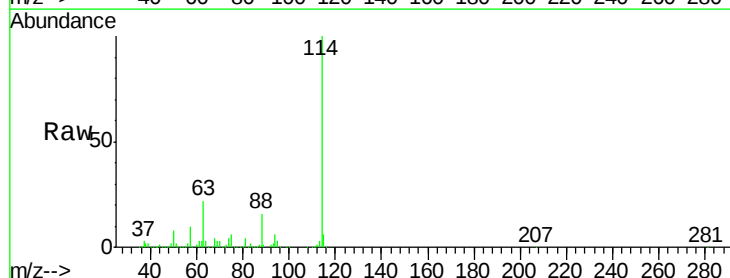
Manual Integrations
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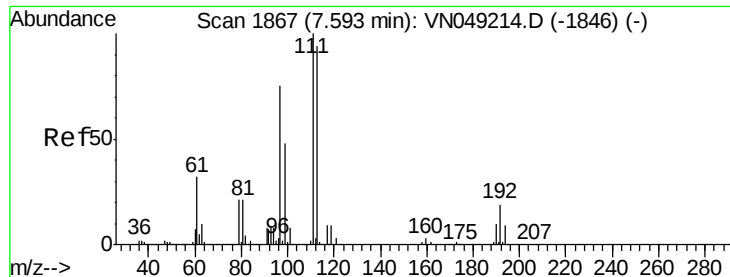
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049215.D
 Acq: 13 Jun 2018 21:52

Tgt Ion: 114 Resp: 1449551
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 44.4
 88 16.0 0.0 31.4





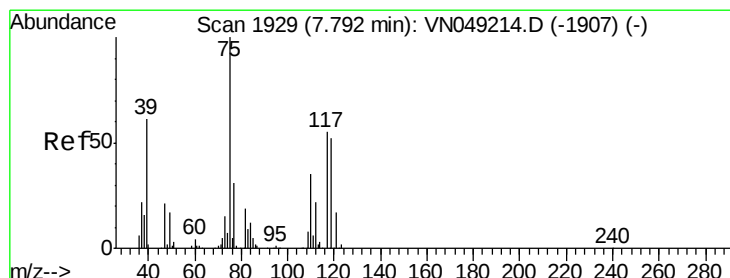
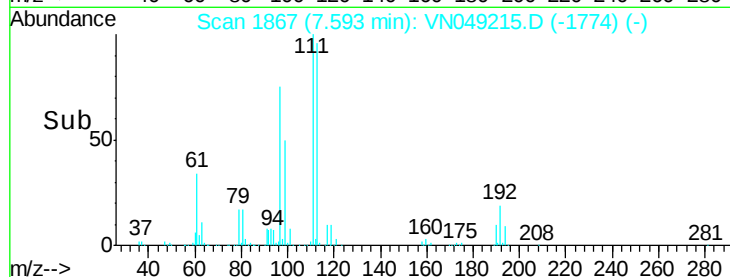
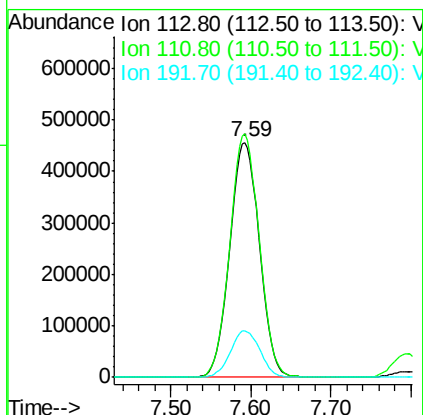
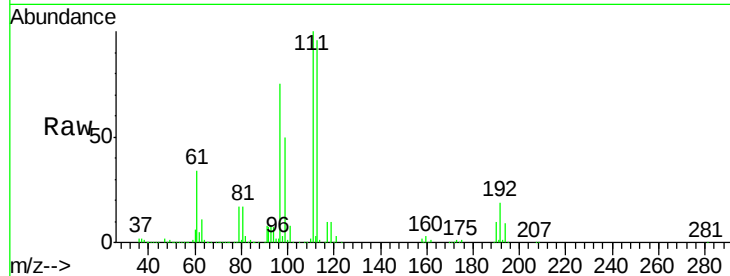
#35
 Dibromofluoromethane
 Concen: 96.18 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049215.D
 Acq: 13 Jun 2018 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	19.7	15.0	22.6

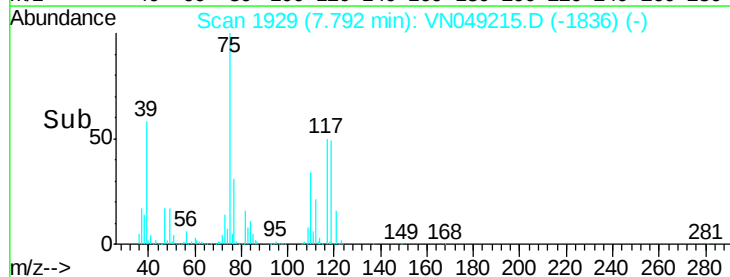
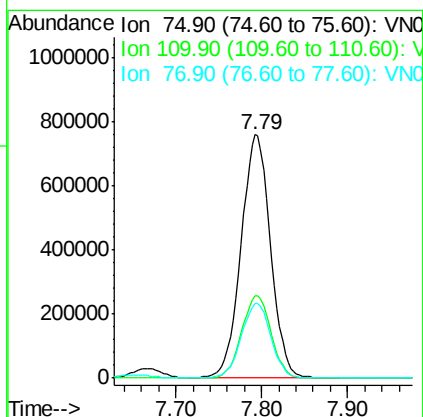
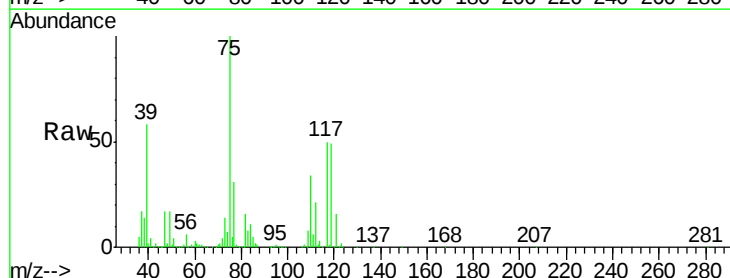
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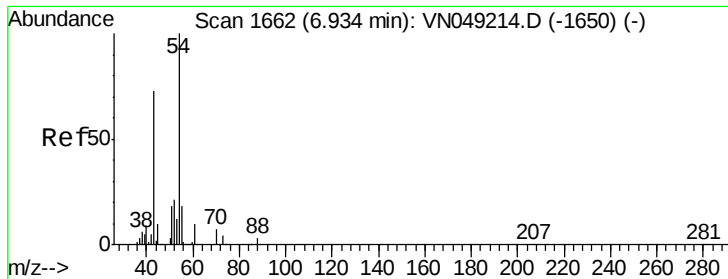
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#36
 1,1-Dichloropropene
 Concen: 99.14 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049215.D
 Acq: 13 Jun 2018 21:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.0	50.9
77	31.2	24.4	36.6





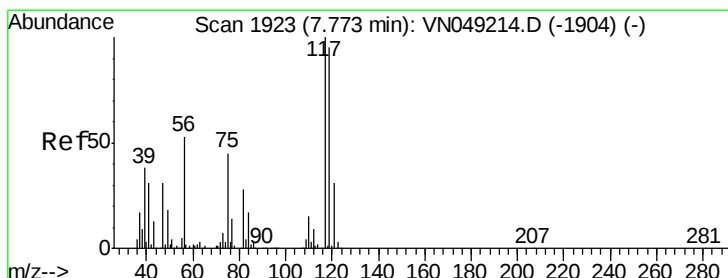
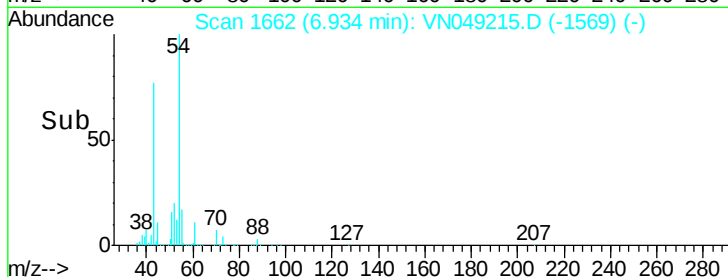
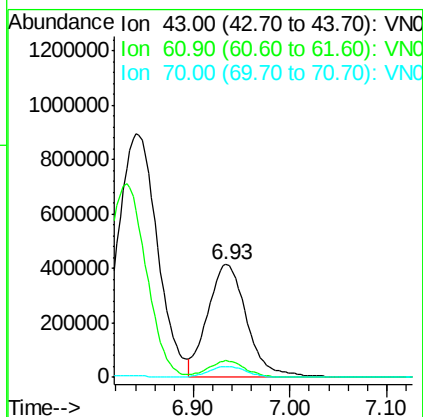
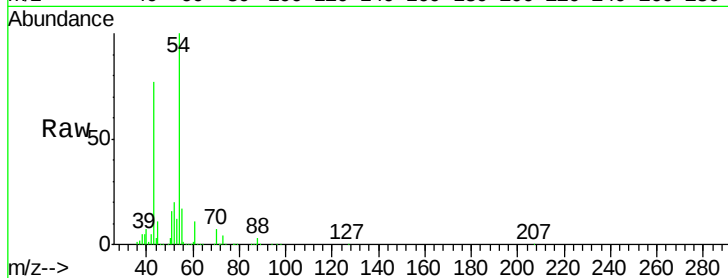
#37
Ethyl Acetate
Concen: 98.92 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049215.D
Acq: 13 Jun 2018 21:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.0	16.4
70	9.5	7.2	10.8

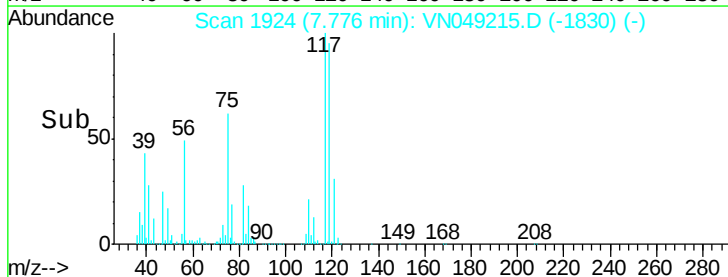
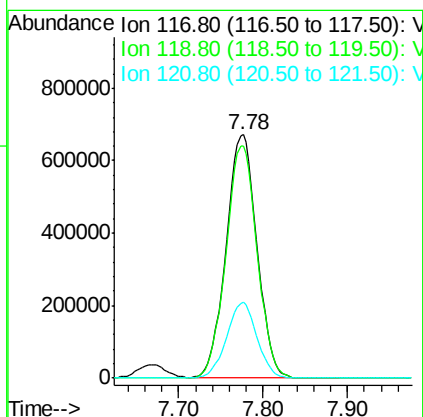
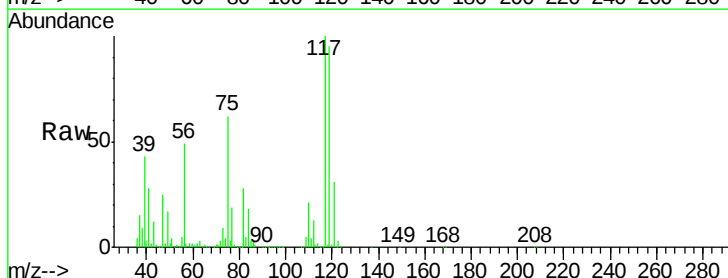
Manual Integrations
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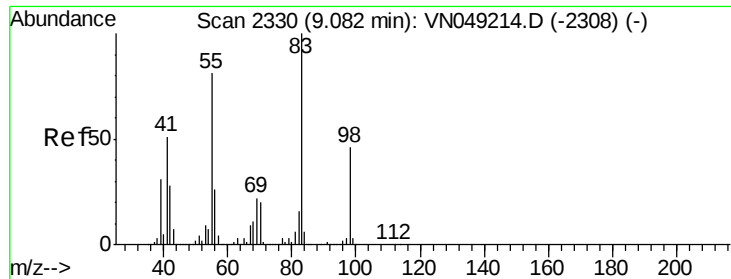
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#38
Carbon Tetrachloride
Concen: 95.78 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN049215.D
Acq: 13 Jun 2018 21:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.6	113.4
121	31.2	24.7	37.1





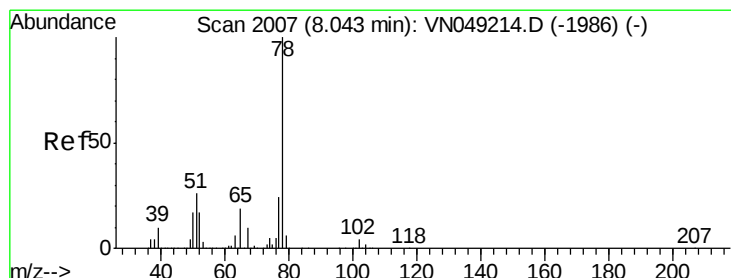
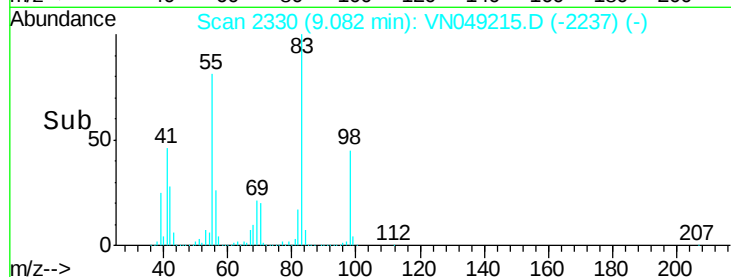
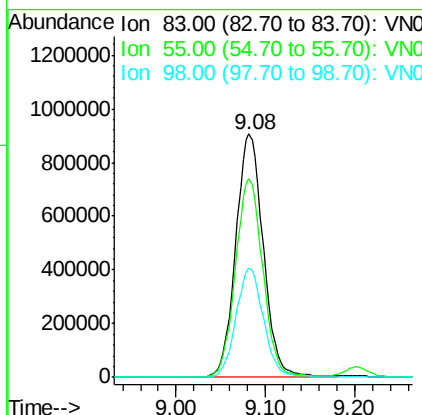
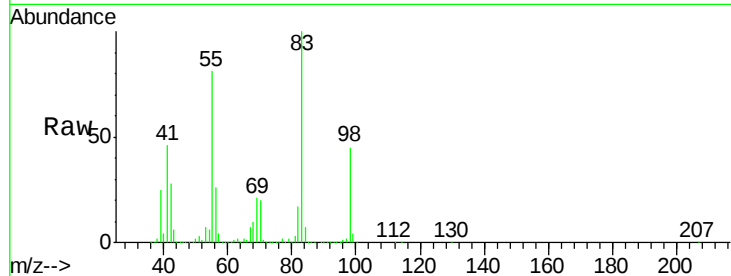
#39
Methvlcvclohexane
Concen: 102.43 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049215.D
Acq: 13 Jun 2018 21:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	83	Resp	1941045
Ion Ratio	100	Lower	Upper
83	100		
55	81.5	65.1	97.7
98	44.6	36.5	54.7

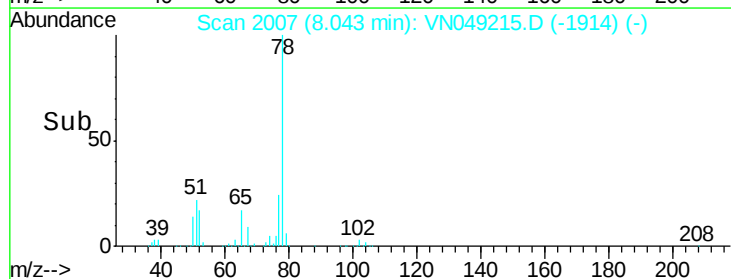
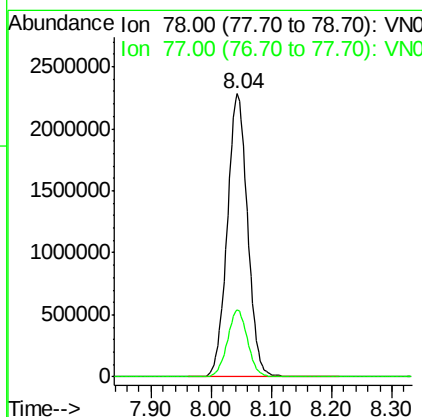
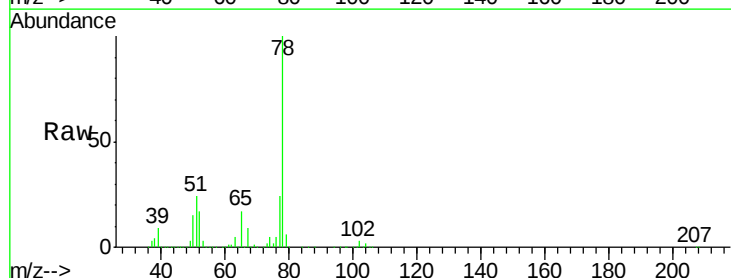
Manual Integrations
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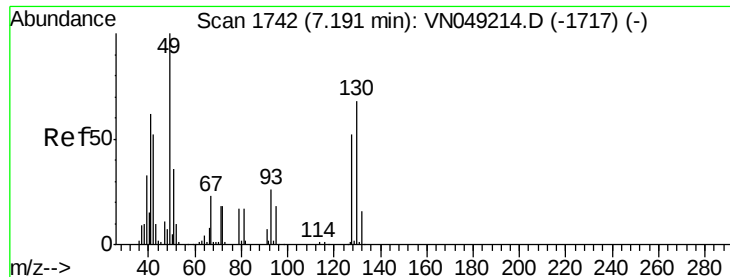
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#40
Benzene
Concen: 98.54 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049215.D
Acq: 13 Jun 2018 21:52

Tgt Ion	78	Resp	5353642
Ion Ratio	100	Lower	Upper
78	100		
77	23.7	19.4	29.0





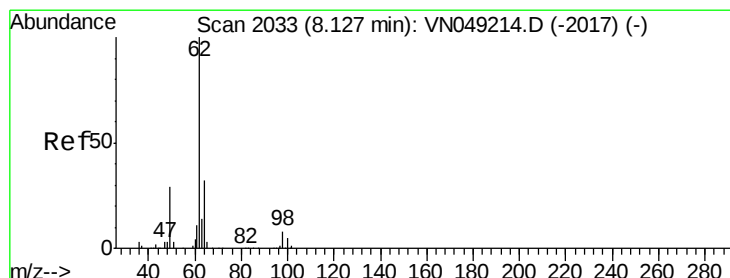
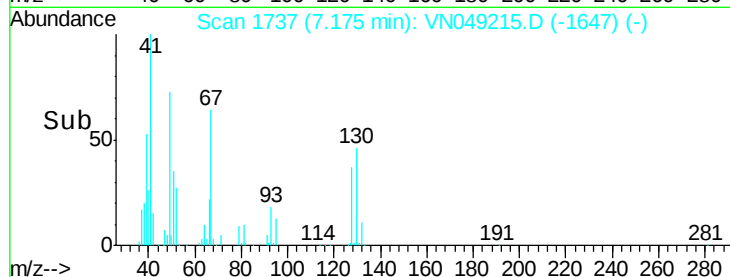
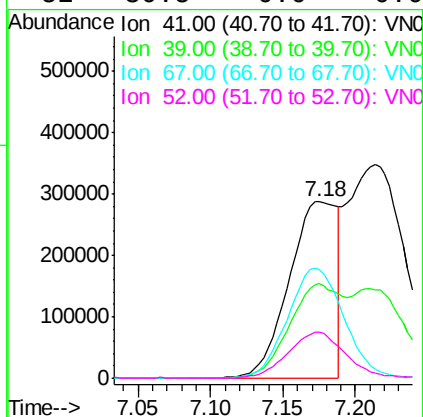
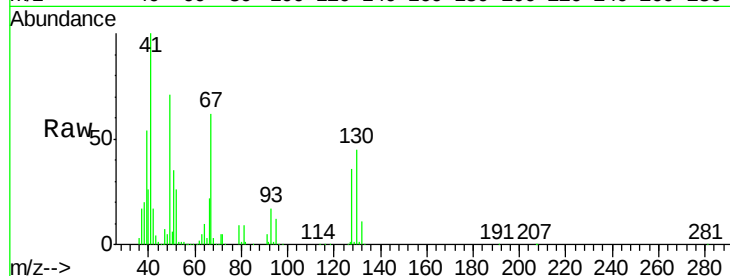
#41
Methacrylonitrile
Concen: 102.76 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VN049215.D
Acq: 13 Jun 2018 21:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
41	100		
39	59.7	0.0	0.0#
67	74.4	0.0	0.0#
52	30.5	0.0	0.0#

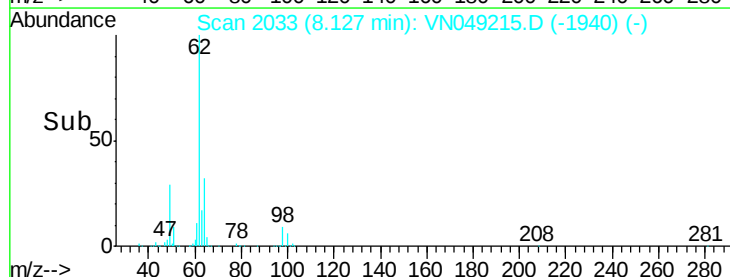
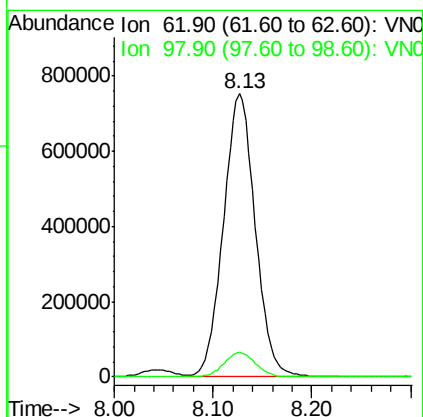
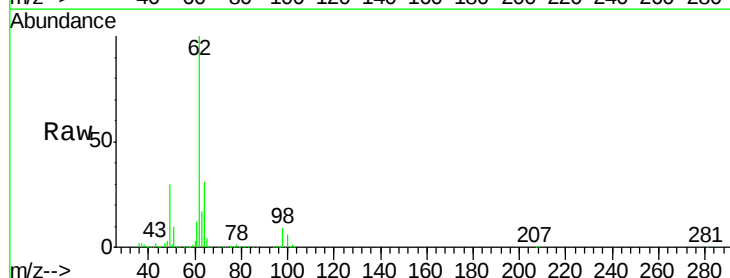
Manual Integrations
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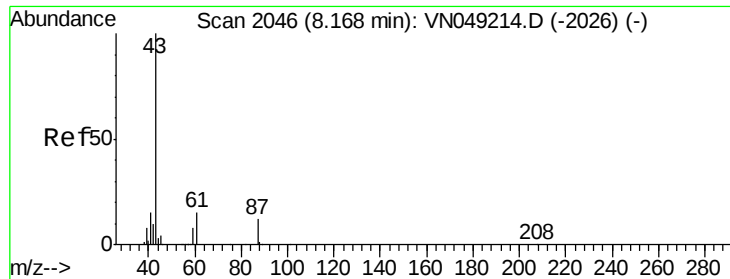
apatel
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#42
1,2-Dichloroethane
Concen: 95.69 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049215.D
Acq: 13 Jun 2018 21:52

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.2





#43

Isopropyl Acetate

Concen: 96.53 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 2141653

Ion Ratio Lower Upper

43 100

61 19.1 14.2 21.4

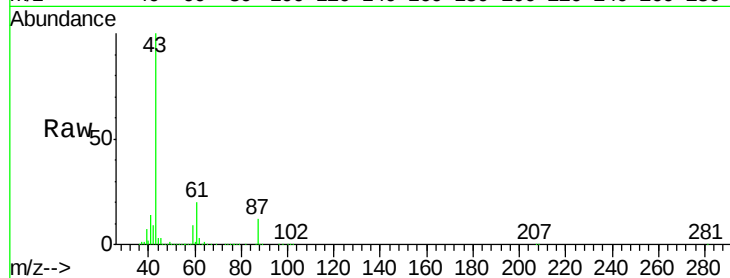
87 11.8 9.4 14.0

Manual Integrations

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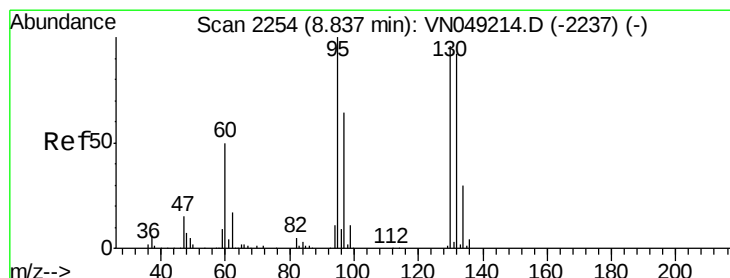
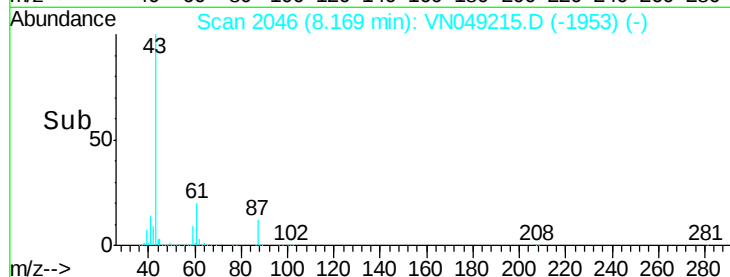
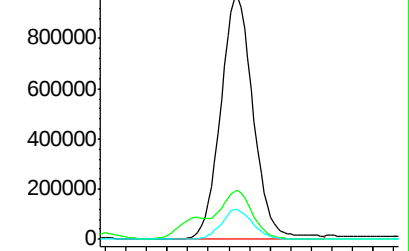
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Abundance Ion 43.00 (42.70 to 43.70): VN049214.D (-2026) (-)

Ion 61.00 (60.70 to 61.70): VN049214.D (-2026) (-)

Ion 87.00 (86.70 to 87.70): VN049214.D (-2026) (-)



#44

Trichloroethene

Concen: 95.92 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049215.D

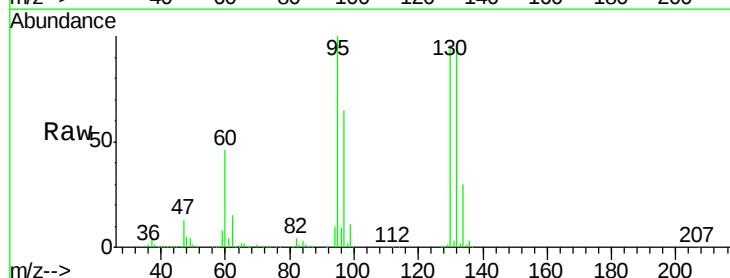
Acq: 13 Jun 2018 21:52

Tgt Ion: 130 Resp: 1276142

Ion Ratio Lower Upper

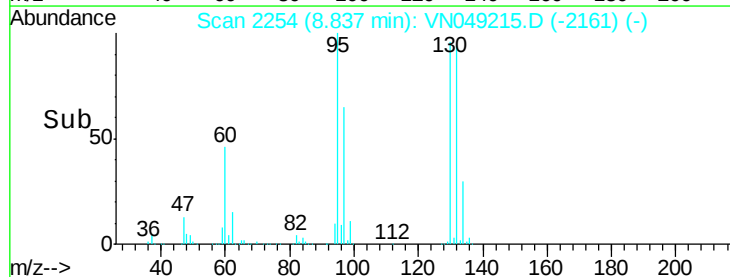
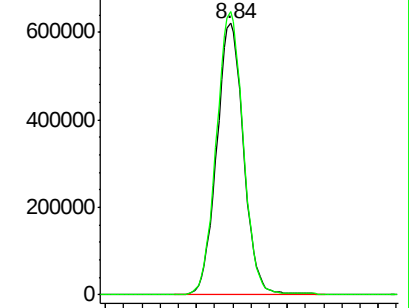
130 100

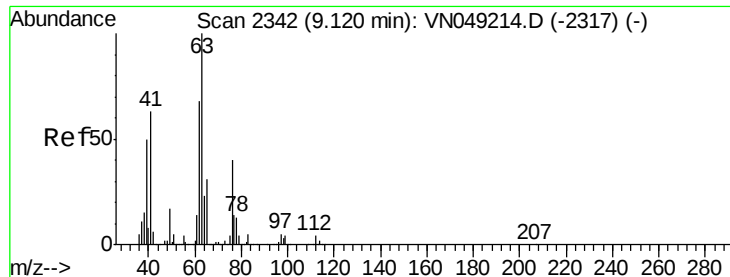
95 104.2 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): VN049214.D (-2237) (-)

Ion 94.90 (94.60 to 95.60): VN049214.D (-2237) (-)





#45

1,2-Dichloropropane

Concen: 97.80 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 63 Resp: 1455167

Ion Ratio Lower Upper

63 100

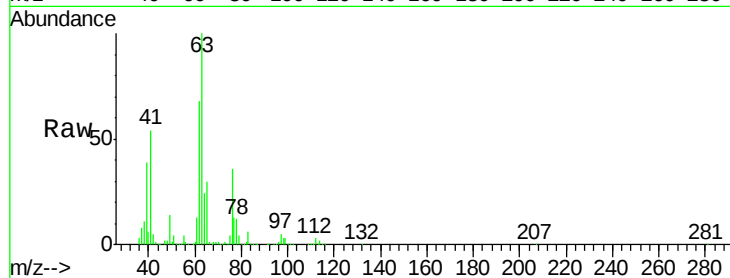
65 30.2 24.8 37.2

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.12

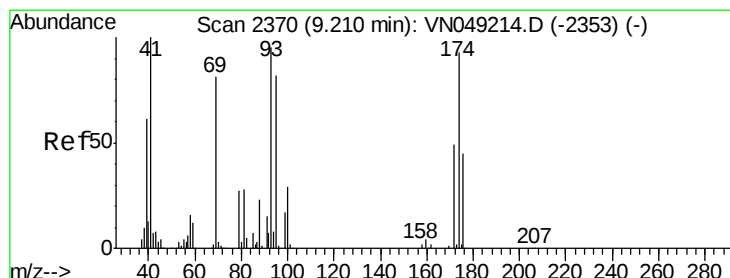
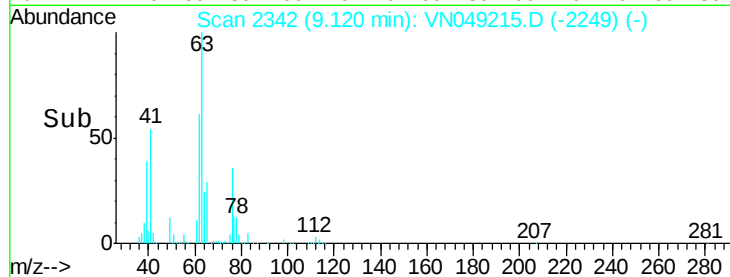
600000

400000

200000

0

Time-->



#46

Dibromomethane

Concen: 95.65 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

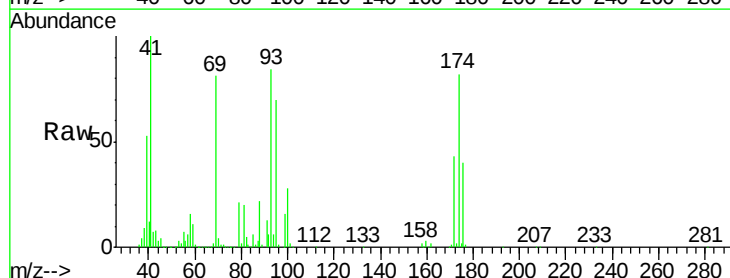
Tgt Ion: 93 Resp: 792850

Ion Ratio Lower Upper

93 100

95 82.8 67.2 100.8

174 98.0 75.6 113.4



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

9.21

400000

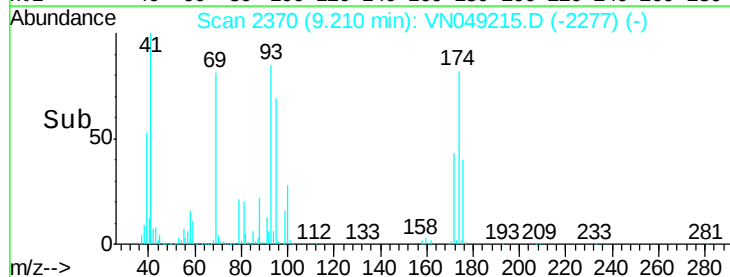
300000

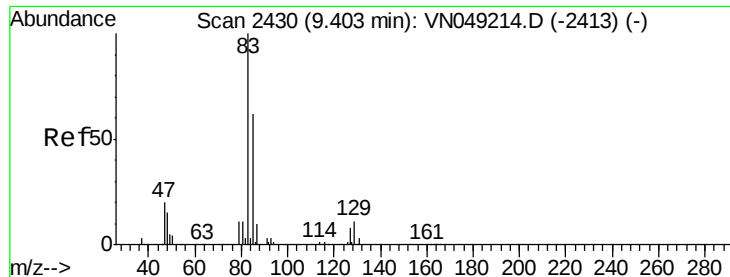
200000

100000

0

Time-->





#47

Bromodichloromethane

Concen: 97.07 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 1785430

Ion Ratio Lower Upper

83 100

85 63.9 49.4 74.0

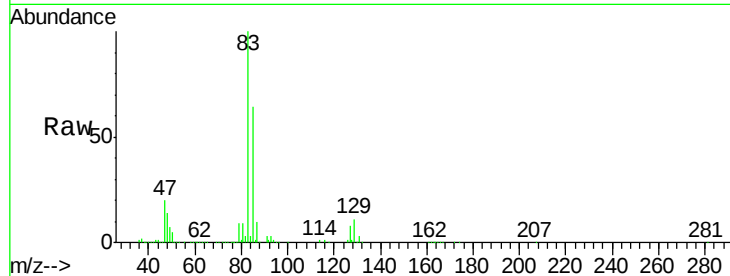
127 8.3 6.3 9.5

Manual Integrations

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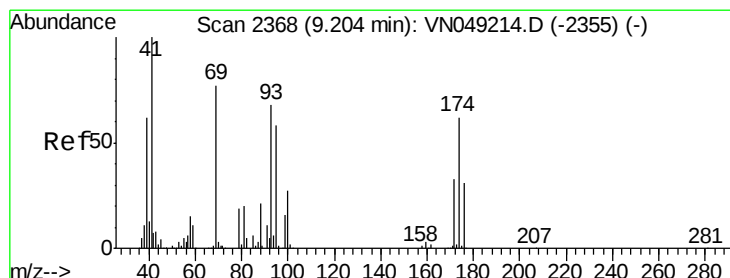
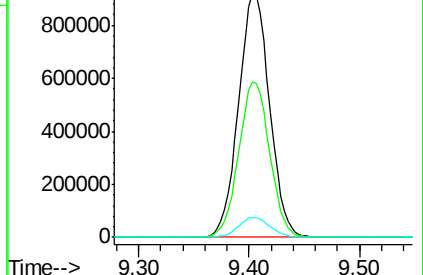
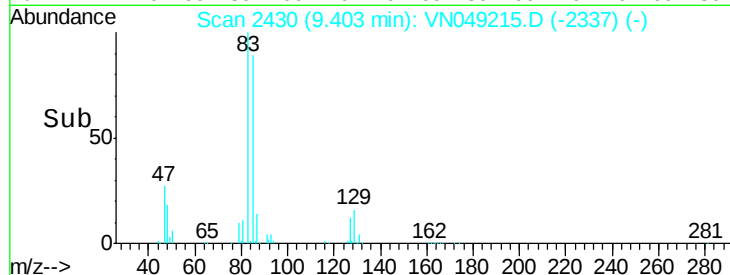
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Abundance Ion 82.90 (82.60 to 83.60): VN049215.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049215.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049215.D (-2337) (-)



#48

Methyl methacrylate

Concen: 99.81 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

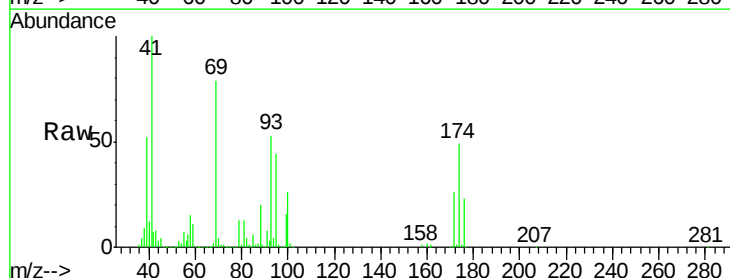
Tgt Ion: 41 Resp: 1056780

Ion Ratio Lower Upper

41 100

69 84.3 62.0 93.0

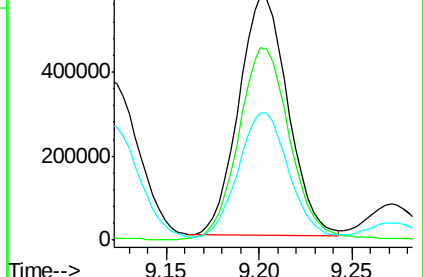
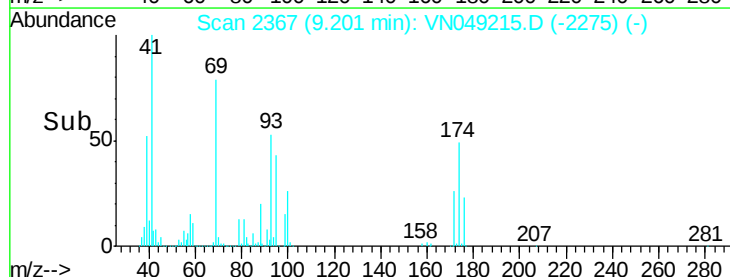
39 55.5 50.6 75.8

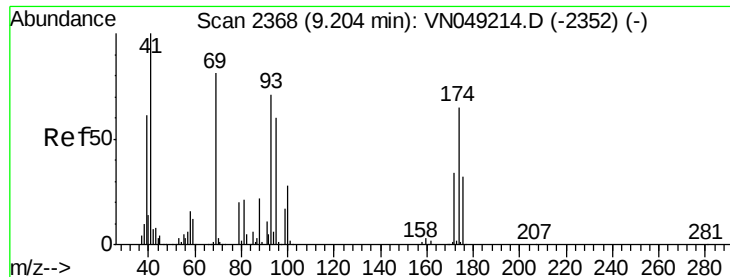


Abundance Ion 41.00 (40.70 to 41.70): VN049215.D (-2275) (-)

Ion 69.00 (68.70 to 69.70): VN049215.D (-2275) (-)

Ion 39.00 (38.70 to 39.70): VN049215.D (-2275) (-)





#49

1,4-Dioxane

Concen: 2018.13 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Instrument :

MSVOA_N

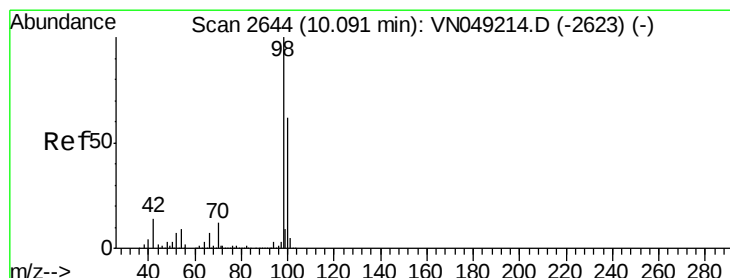
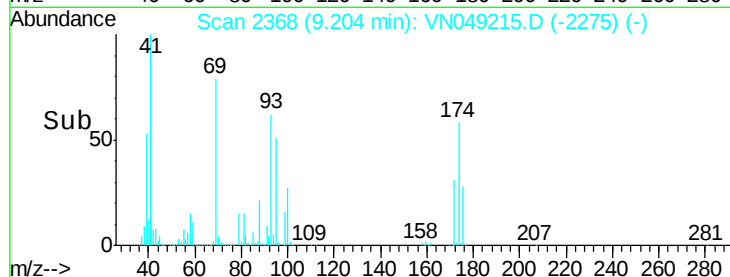
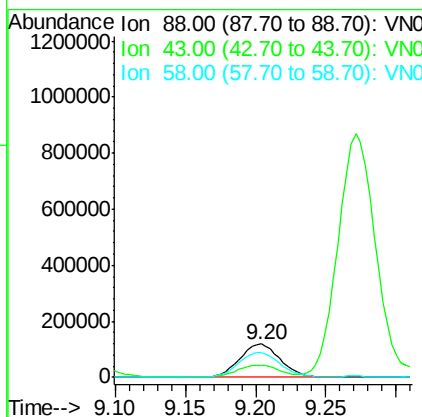
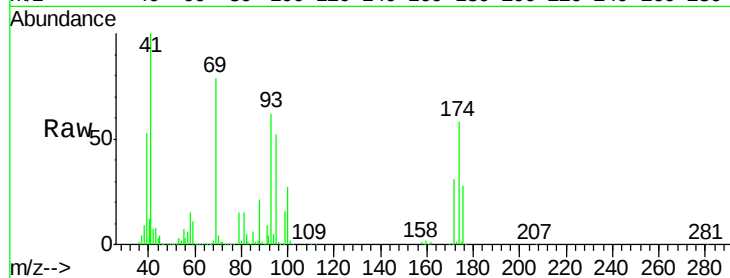
ClientSampleId :

VSTDIC100

Tot Ion:	88	Resp:	239913
Ion Ratio	Lower	Upper	
88	100		
43	35.9	30.9	46.3
58	75.9	58.9	88.3

Manual Integrations
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#50

Toluene-d8

Concen: 99.89 ug/l

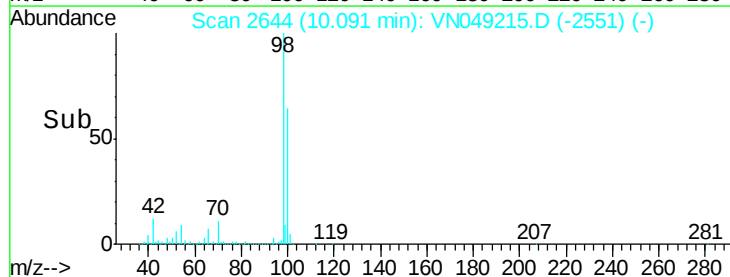
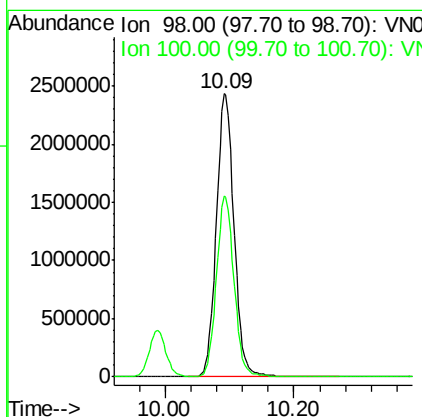
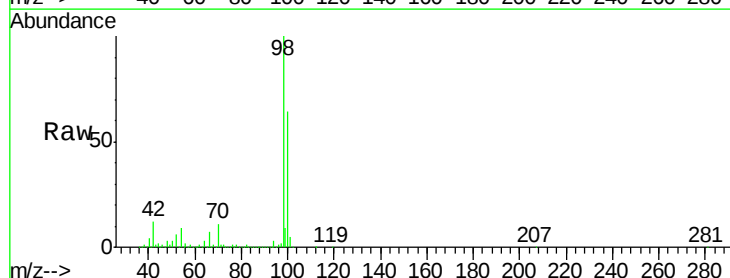
RT: 10.09 min Scan# 2644

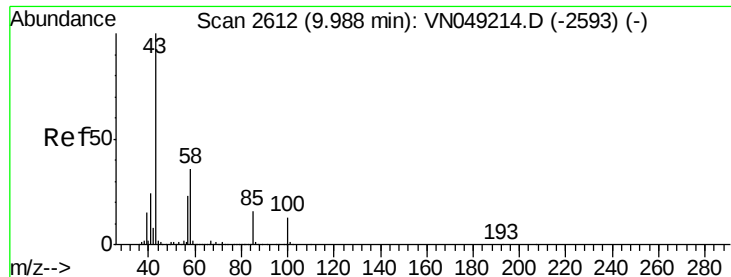
Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Tgt Ion:	98	Resp:	4611048
Ion Ratio	Lower	Upper	
98	100		
100	63.6	49.8	74.8





#51

4-Methyl-2-Pentanone

Concen: 504.49 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 5912653

Ion Ratio Lower Upper

43 100

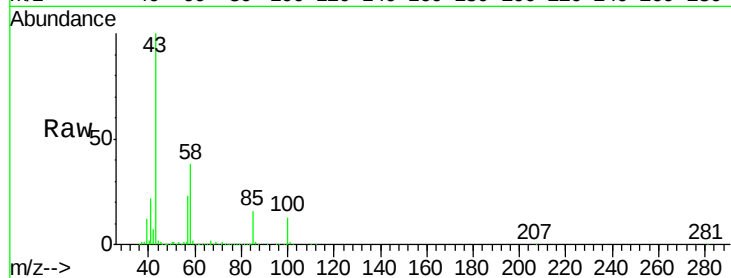
58 37.7 29.0 43.6

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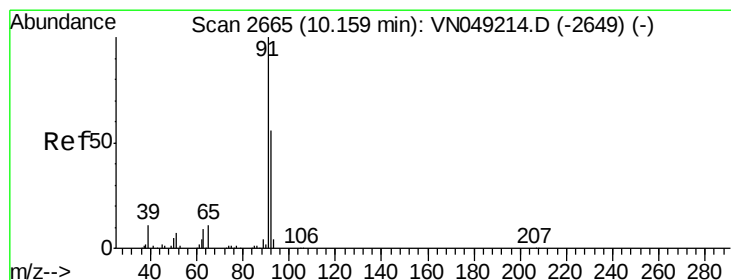
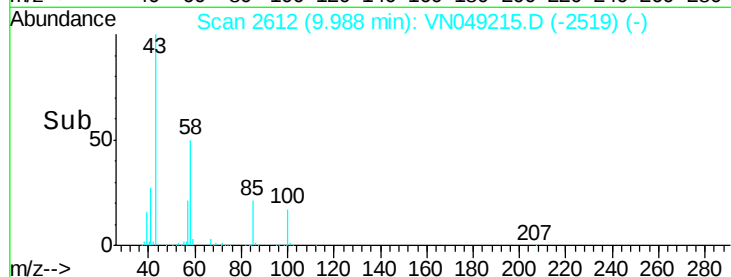
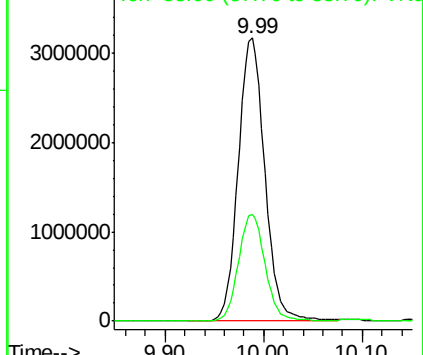
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VN049214.D

Ion 58.00 (57.70 to 58.70): VN049214.D



#52

Toluene

Concen: 99.16 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN049215.D

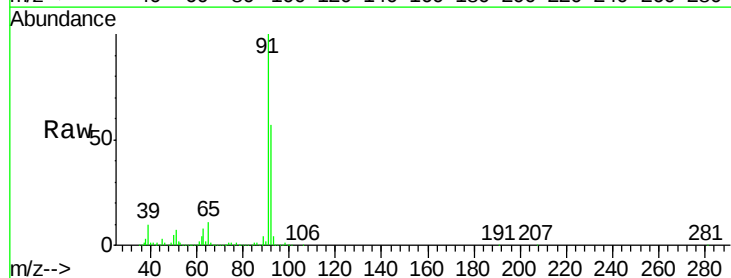
Acq: 13 Jun 2018 21:52

Tgt Ion: 92 Resp: 3229848

Ion Ratio Lower Upper

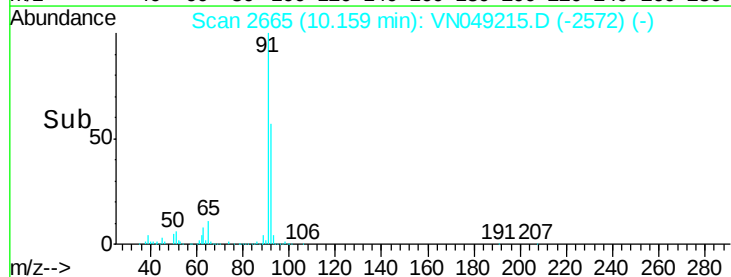
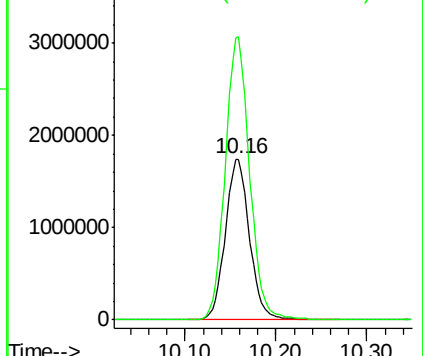
92 100

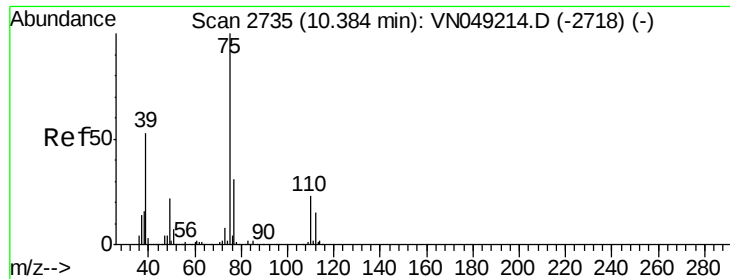
91 177.2 143.4 215.2



Abundance Ion 92.00 (91.70 to 92.70): VN049215.D

Ion 91.00 (90.70 to 91.70): VN049215.D





#53

t-1,3-Dichloropropene

Concen: 102.84 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 75 Resp: 1886019

Ion Ratio Lower Upper

75 100

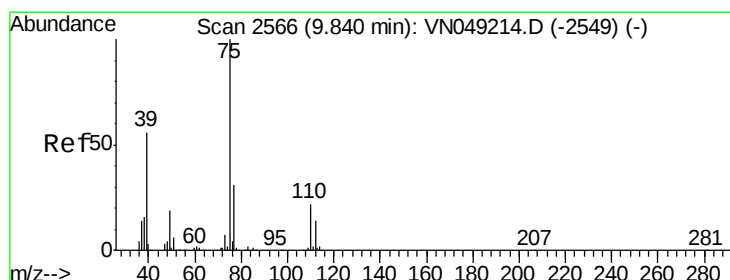
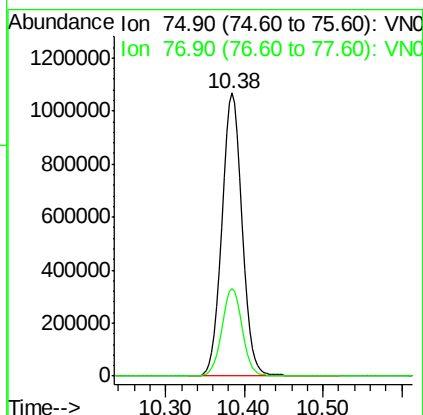
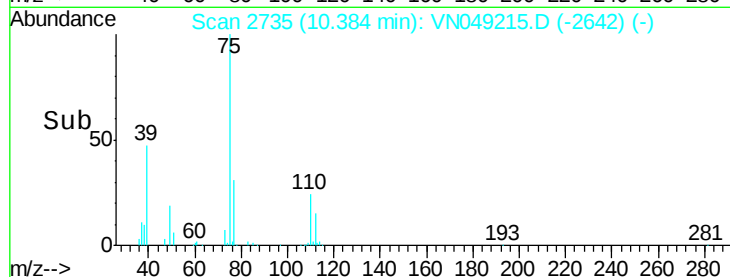
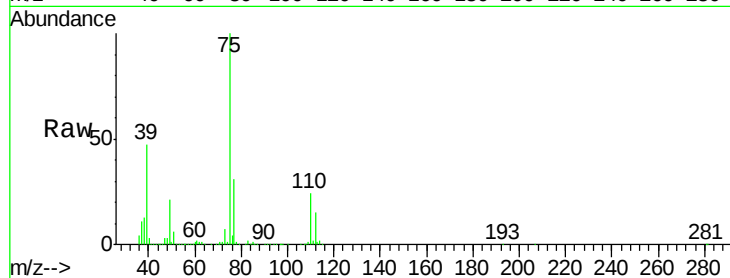
77 31.0 25.2 37.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 101.44 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

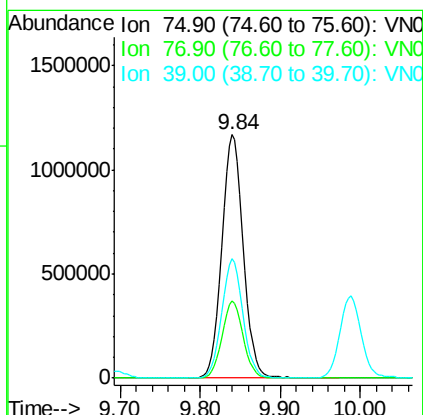
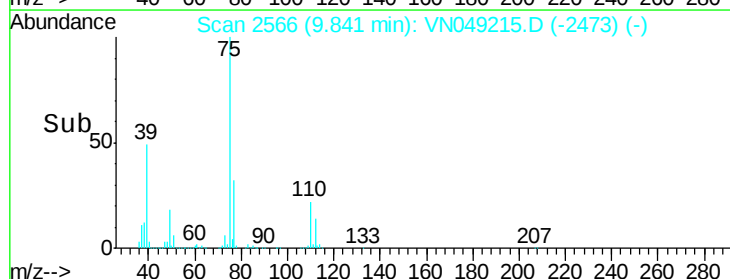
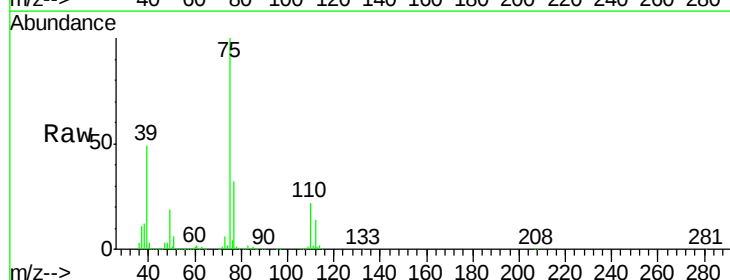
Tgt Ion: 75 Resp: 2160630

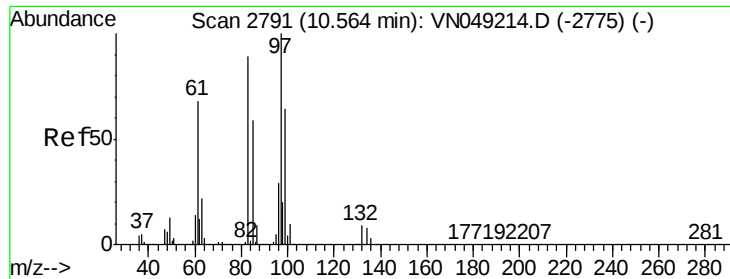
Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

39 48.9 45.1 67.7





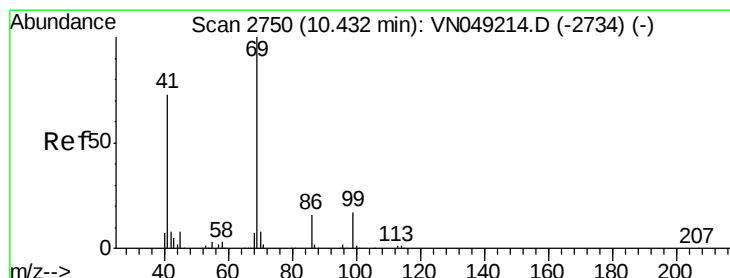
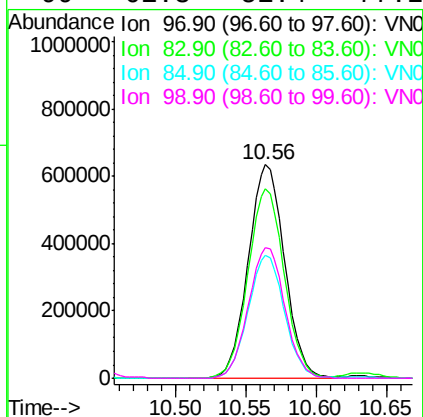
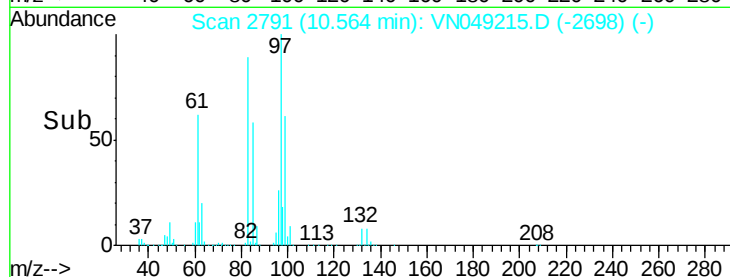
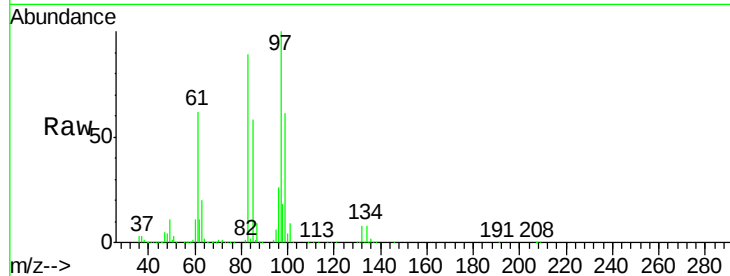
#55
 1,1,2-Trichloroethane
 Concen: 98.65 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049215.D
 Acq: 13 Jun 2018 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	88.7	71.5	107.3	
85	57.7	47.0	70.4	
99	61.3	51.4	77.2	

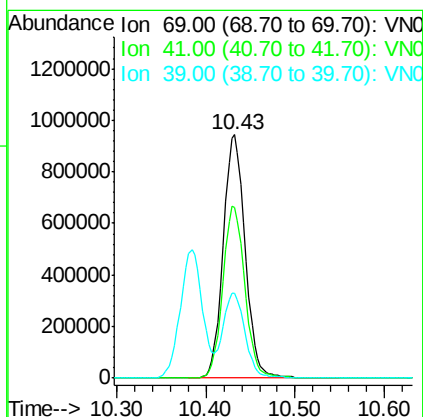
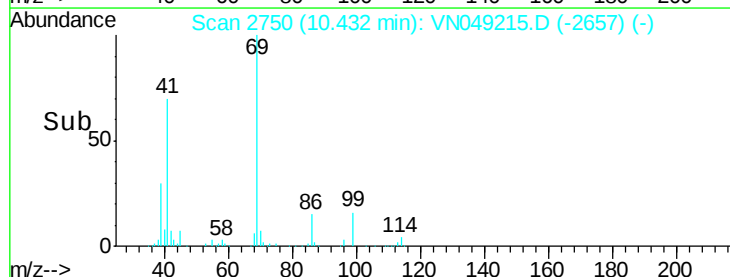
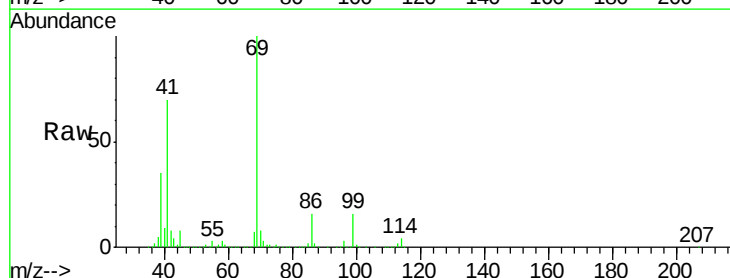
Manual Integrations
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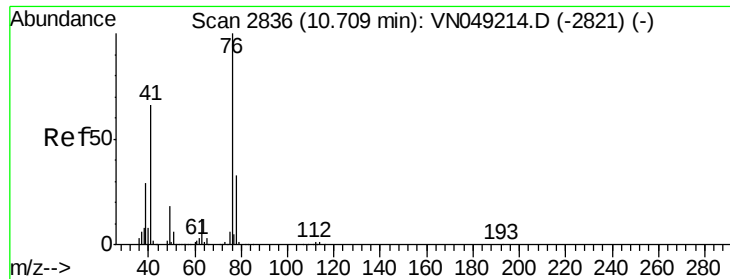
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#56
 Ethyl methacrylate
 Concen: 106.78 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049215.D
 Acq: 13 Jun 2018 21:52

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	69.9	58.4	87.6	
39	34.7	35.5	53.3#	





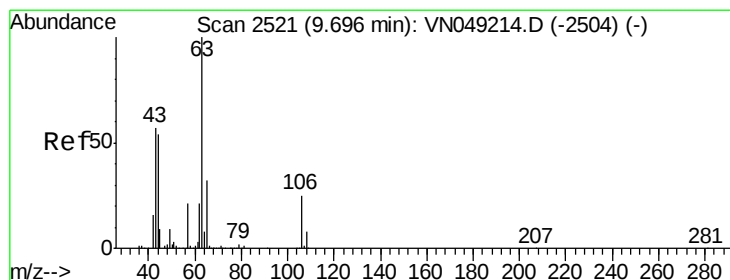
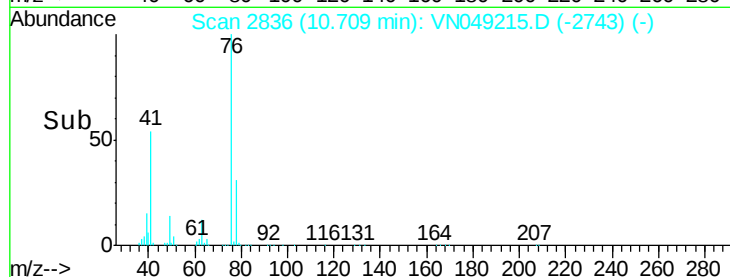
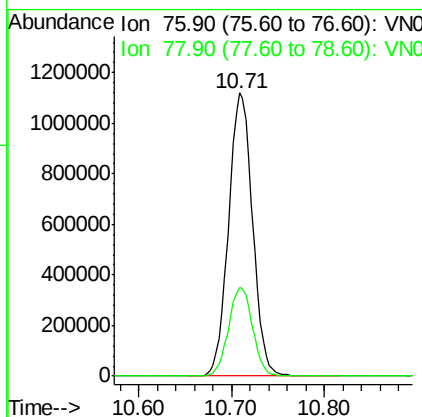
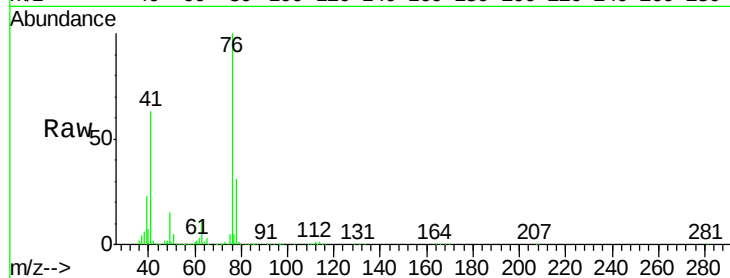
#57
 1,3-Dichloropropane
 Concen: 99.35 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN049215.D
 Acq: 13 Jun 2018 21:52

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

Tot Ion: 76 Resp: 2008454
 Ion Ratio Lower Upper
 76 100
 78 31.5 26.3 39.5

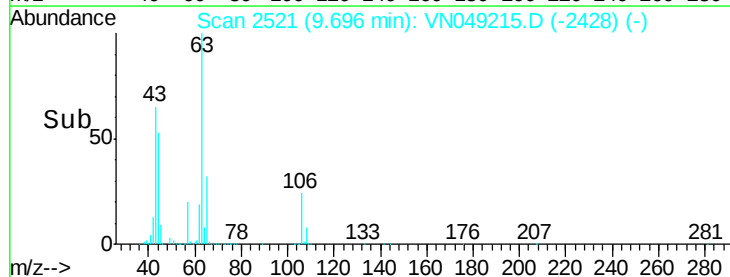
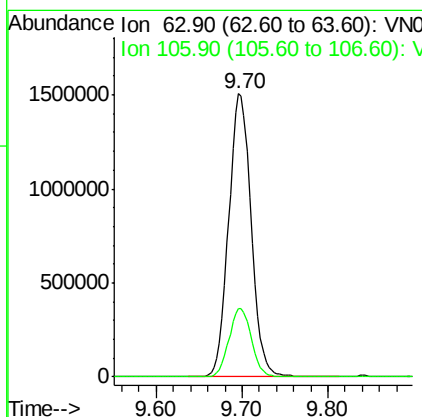
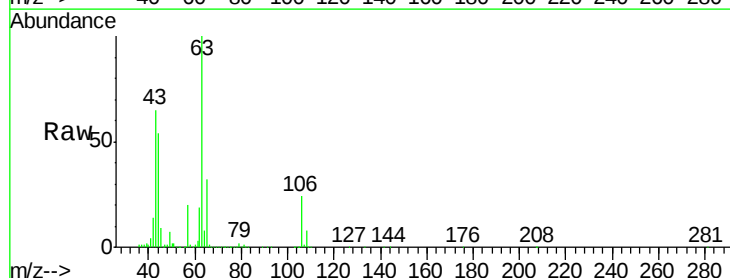
Manual Integrations
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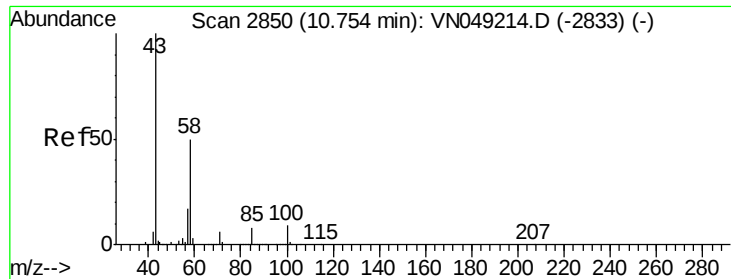
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 548.41 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049215.D
 Acq: 13 Jun 2018 21:52

Tgt Ion: 63 Resp: 2733616
 Ion Ratio Lower Upper
 63 100
 106 24.2 19.4 29.2





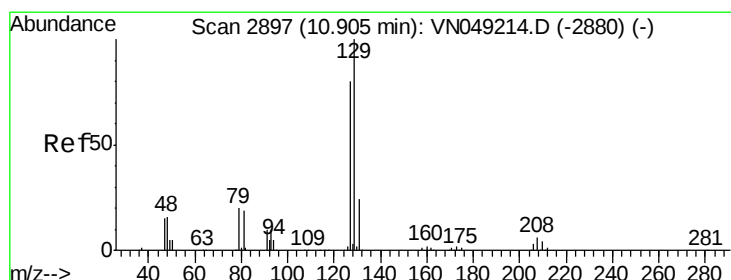
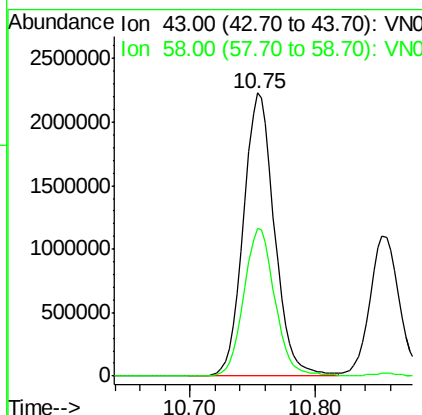
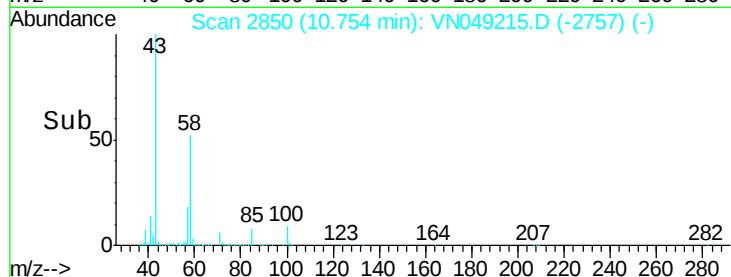
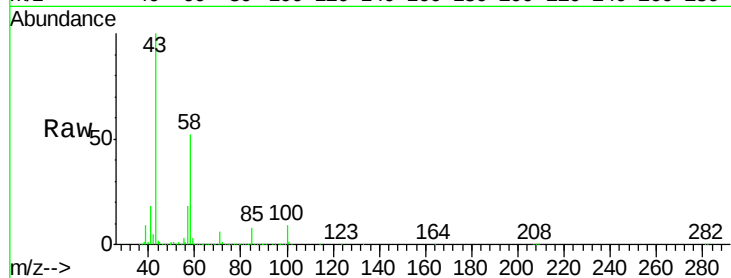
#59
2-Hexanone
Concen: 505.99 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049215.D
Acq: 13 Jun 2018 21:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tot Ion: 43 Resp: 3816763
Ion Ratio Lower Upper
43 100
58 52.4 25.2 75.6

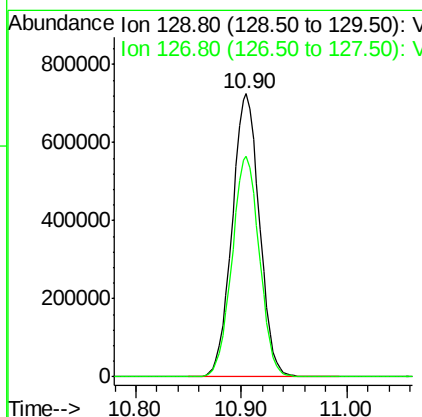
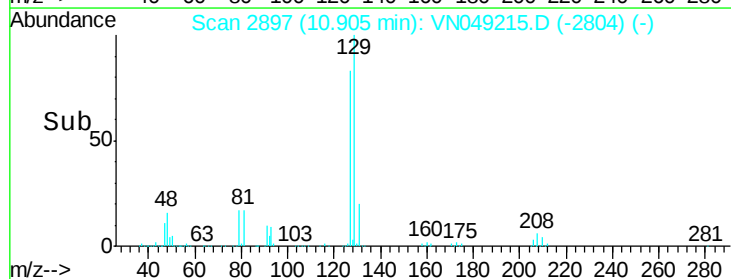
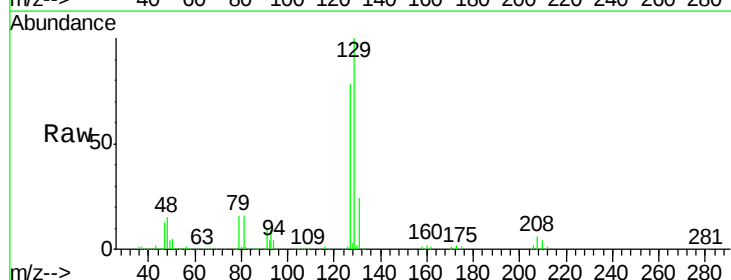
Manual Integrations
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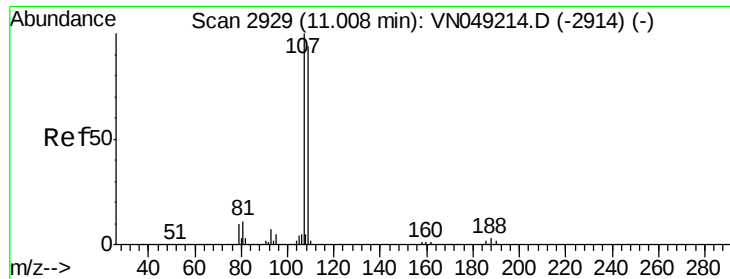
apatel
6/14/2018 5:07:25 PM



#60
Dibromochloromethane
Concen: 100.41 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049215.D
Acq: 13 Jun 2018 21:52

Tgt Ion: 129 Resp: 1301090
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.2





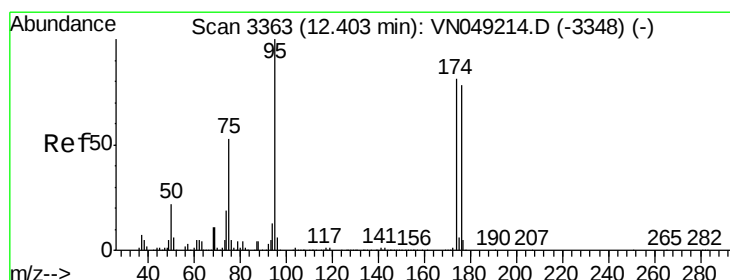
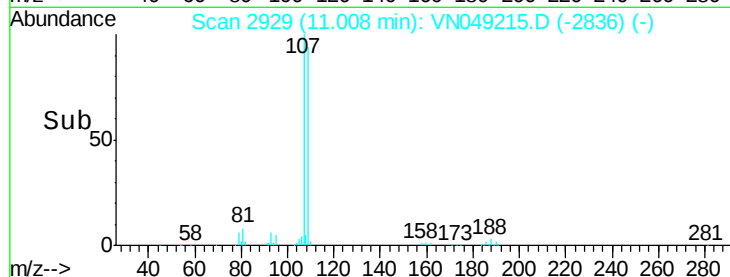
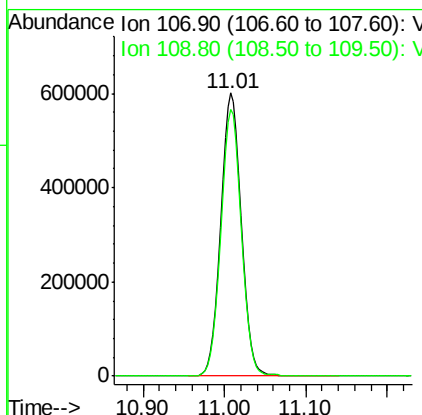
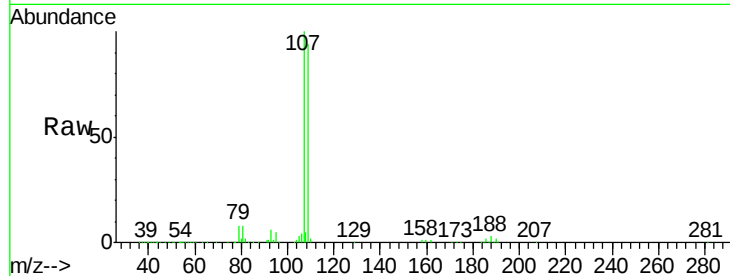
#61
 1,2-Dibromoethane
 Concen: 98.86 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049215.D
 Acq: 13 Jun 2018 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 107 Resp: 1073921
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.4 113.2

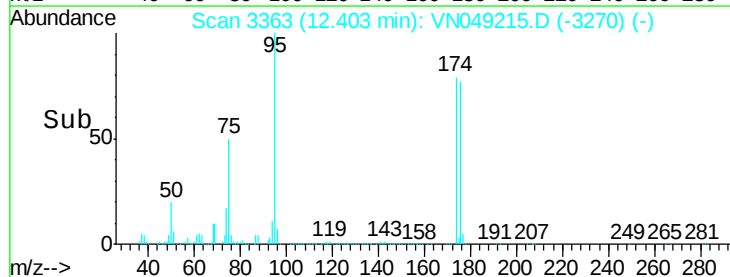
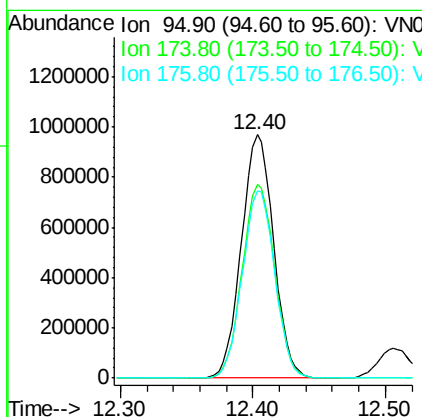
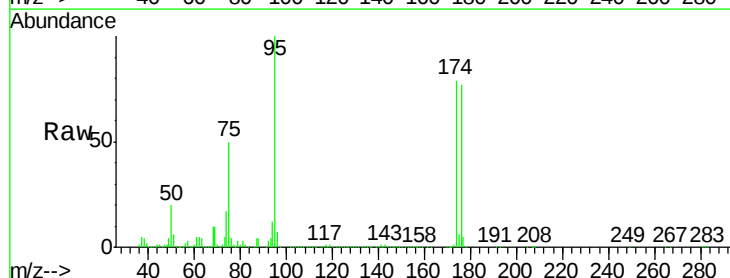
Manual Integrations
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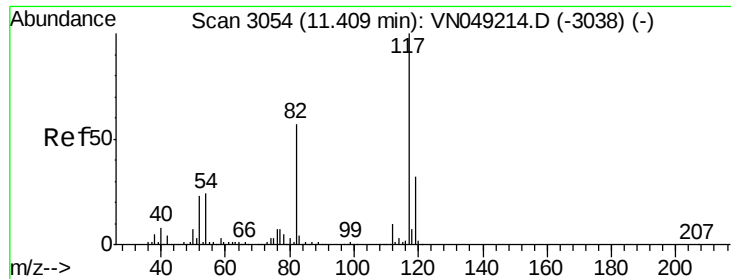
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#62
 4-Bromofluorobenzene
 Concen: 106.71 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049215.D
 Acq: 13 Jun 2018 21:52

Tgt Ion: 95 Resp: 1636077
 Ion Ratio Lower Upper
 95 100
 174 80.5 0.0 165.6
 176 77.7 0.0 157.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion:117 Resp: 1388594

Ion Ratio Lower Upper

117 100

82 57.9 45.9 68.9

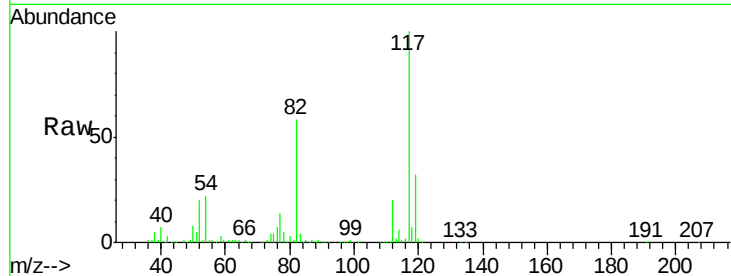
119 31.9 25.5 38.3

Manual Integrations

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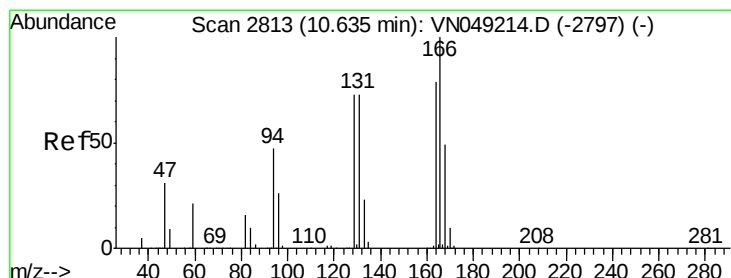
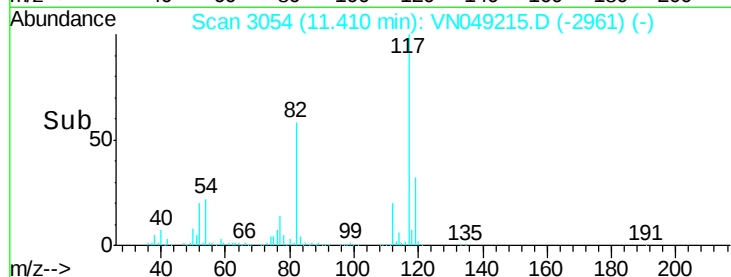
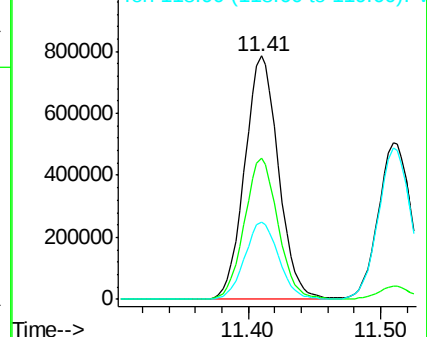
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Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN049215.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 92.38 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Tgt Ion:164 Resp: 1240430

Ion Ratio Lower Upper

164 100

166 128.8 101.4 152.2

129 95.2 74.1 111.1

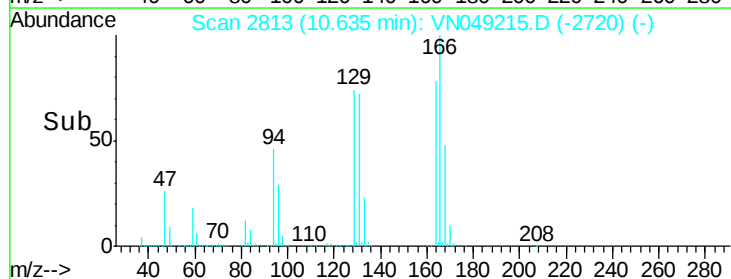
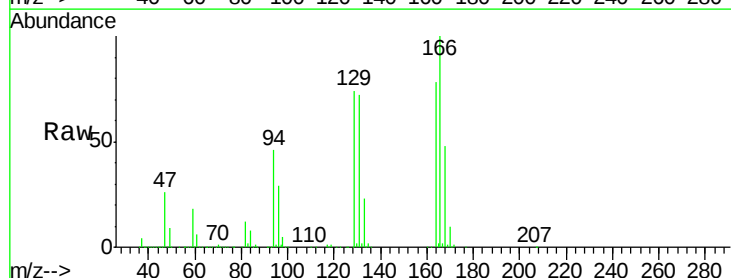
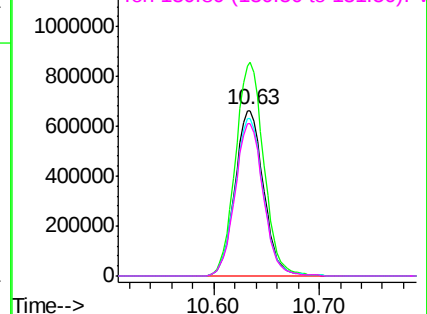
131 92.1 73.7 110.5

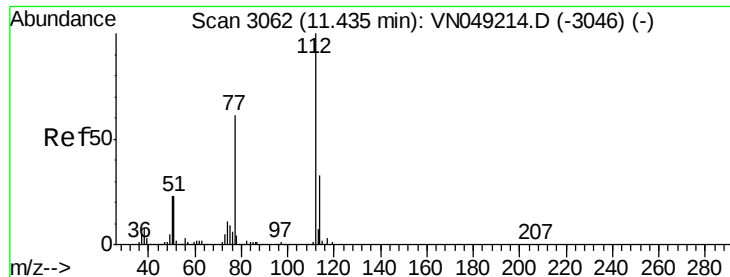
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





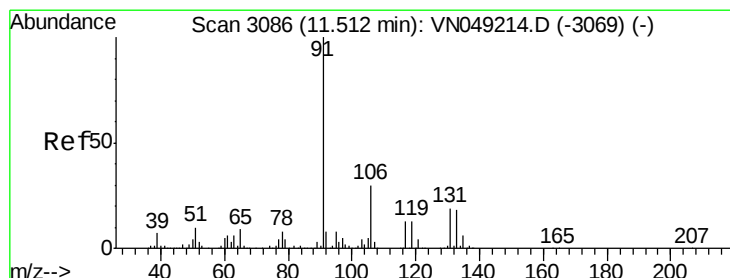
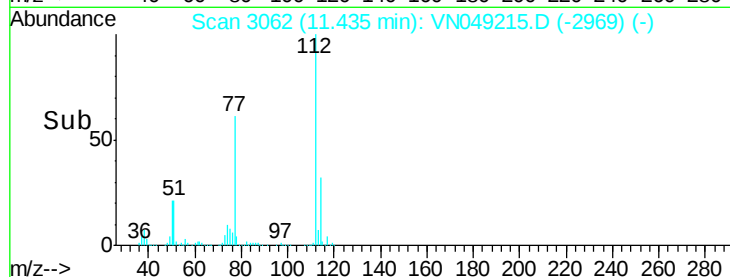
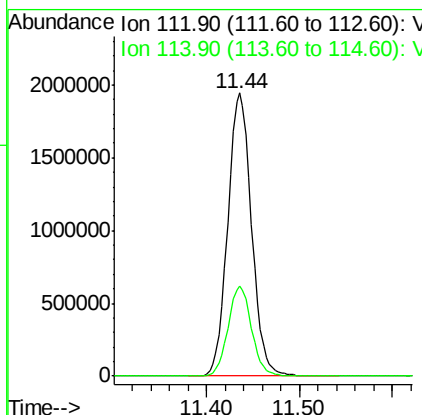
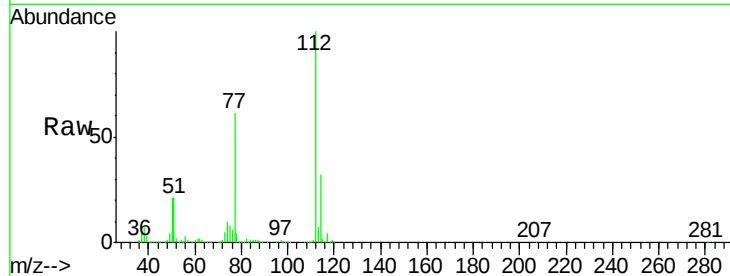
#65
Chlorobenzene
Concen: 96.50 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049215.D
Acq: 13 Jun 2018 21:52

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion:112 Resp: 3447773
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.4

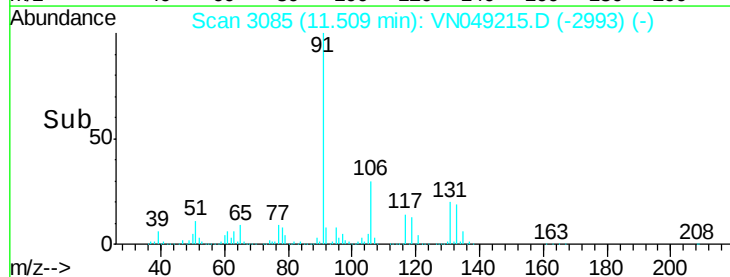
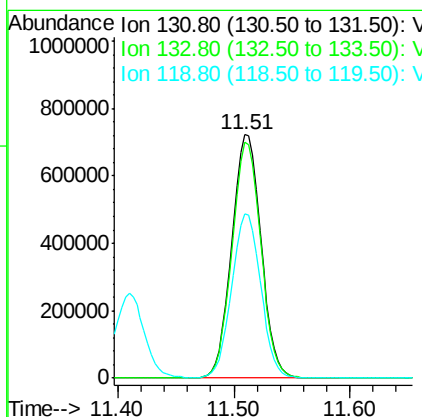
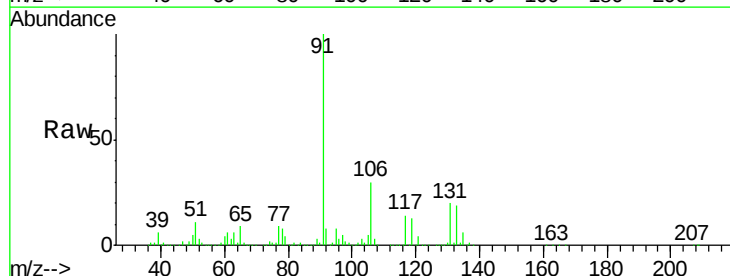
Manual Integrations
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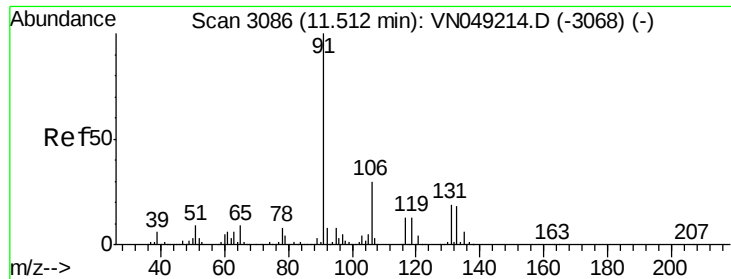
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#66
1,1,1,2-Tetrachloroethane
Concen: 94.58 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN049215.D
Acq: 13 Jun 2018 21:52

Tgt Ion:131 Resp: 1261383
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.2
119 67.0 33.6 100.8





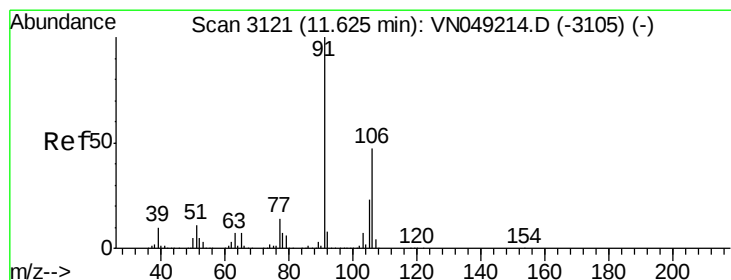
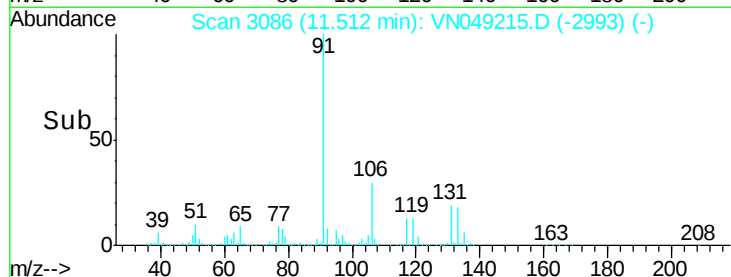
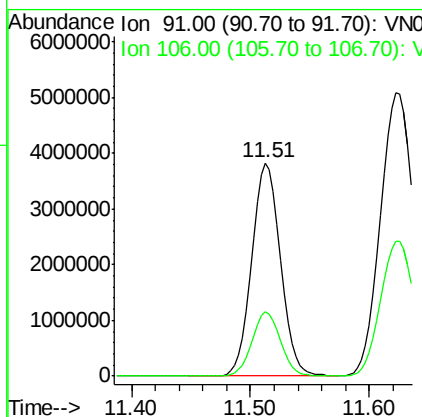
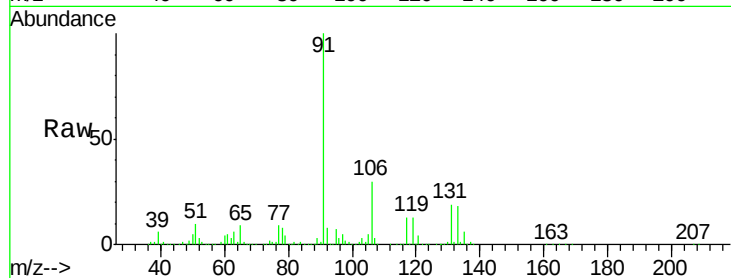
#67
Ethyl Benzene
Concen: 100.43 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049215.D
Acq: 13 Jun 2018 21:52

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion: 91 Resp: 6383765
Ion Ratio Lower Upper
91 100
106 30.1 23.9 35.9

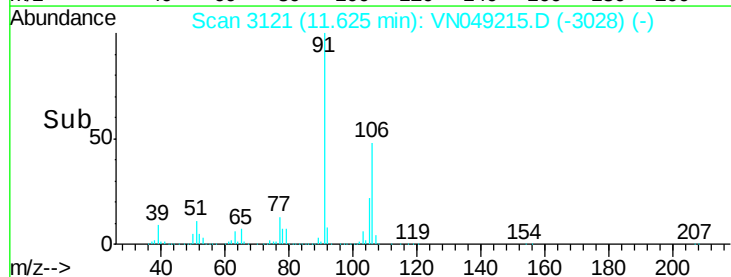
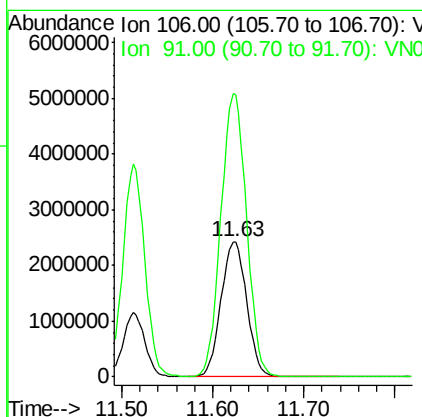
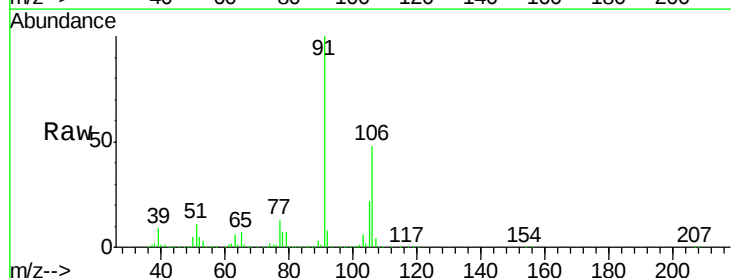
Manual Integrations
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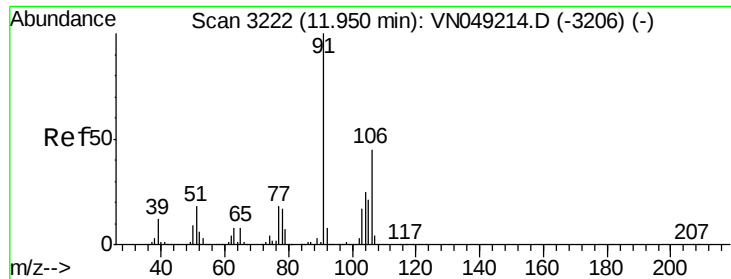
apatel
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#68
m/p-Xylenes
Concen: 201.60 ug/l
RT: 11.63 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN049215.D
Acq: 13 Jun 2018 21:52

Tgt Ion: 106 Resp: 4763064
Ion Ratio Lower Upper
106 100
91 208.9 167.3 250.9





#69

o-Xylene

Concen: 102.01 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion:106 Resp: 2316524

Ion Ratio Lower Upper

106 100

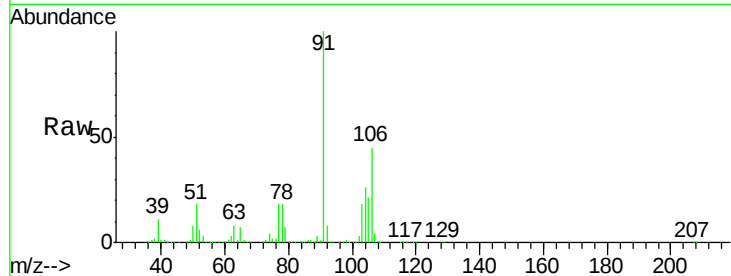
91 219.8 111.0 333.0

Manual Integrations

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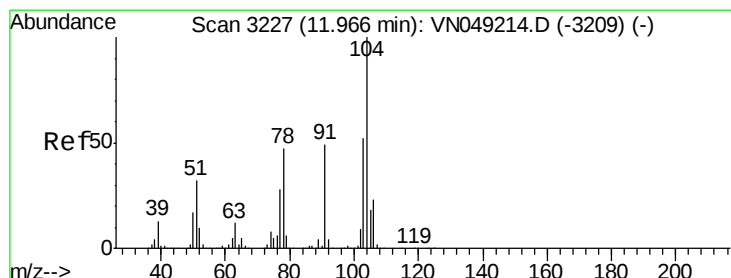
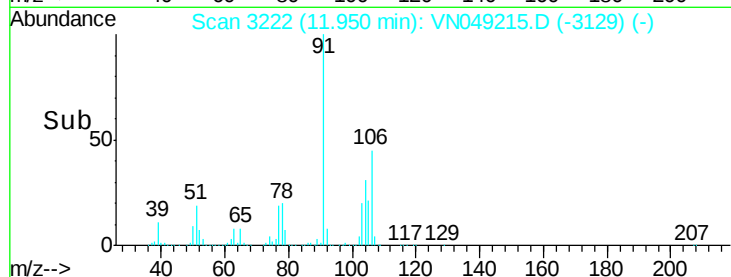
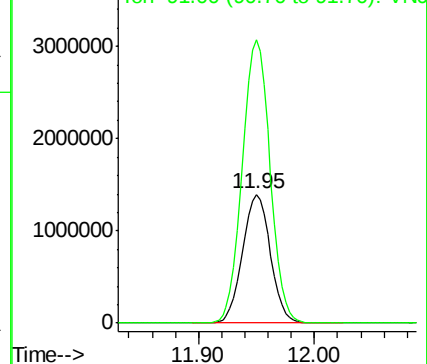
apatel

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 104.31 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

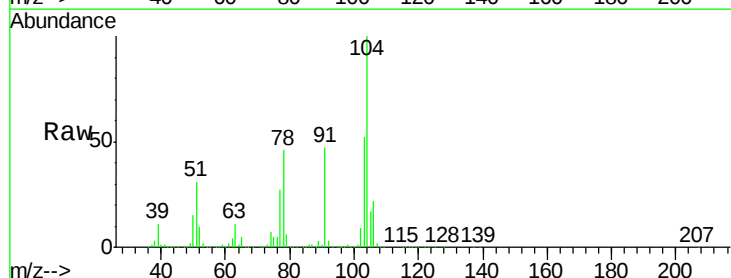
Tgt Ion:104 Resp: 3806769

Ion Ratio Lower Upper

104 100

78 51.4 41.6 62.4

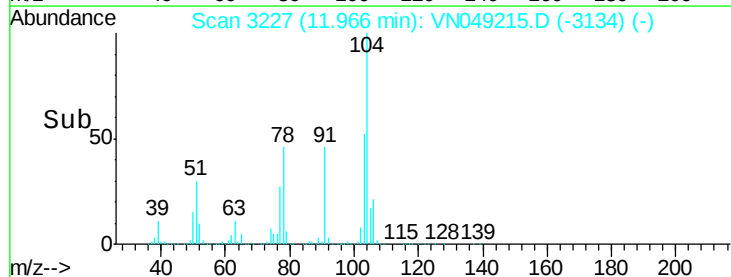
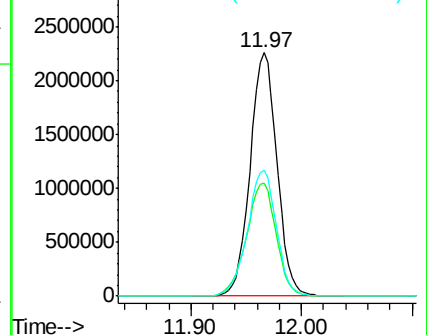
103 55.8 45.4 68.2

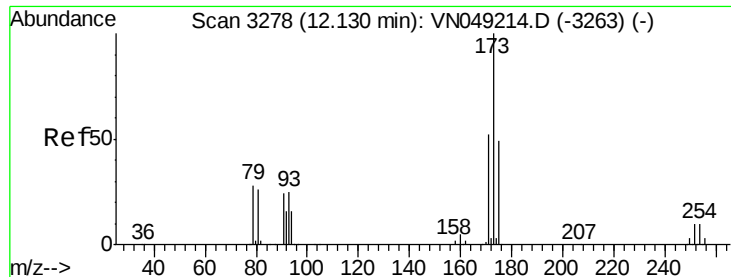


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 99.65 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:173 Resp: 869128

Ion Ratio Lower Upper

173 100

175 48.4 24.5 73.5

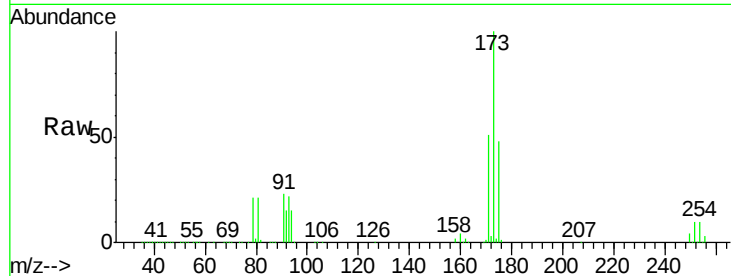
254 0.2 0.1 0.1#

Manual Integrations

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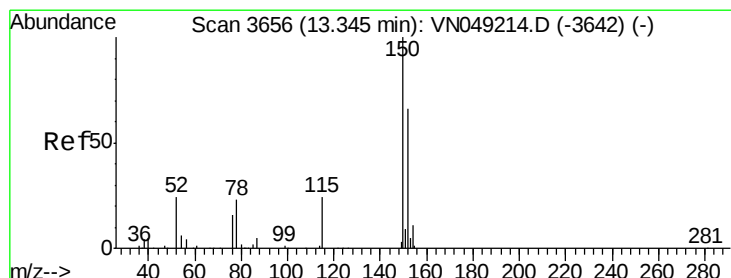
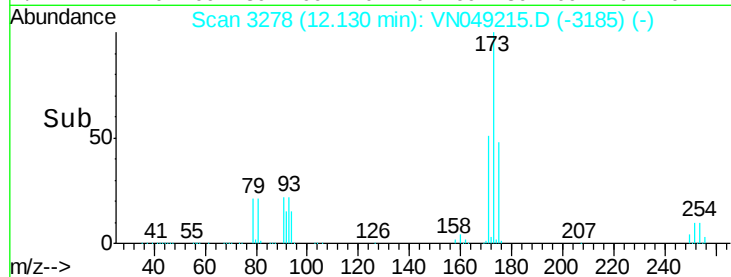
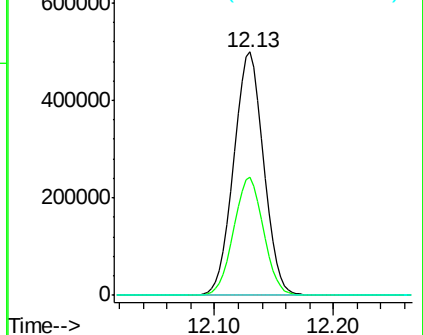
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

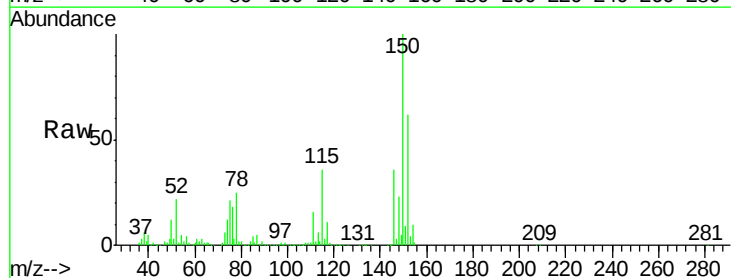
Tgt Ion:152 Resp: 717105

Ion Ratio Lower Upper

152 100

115 58.4 28.7 86.1

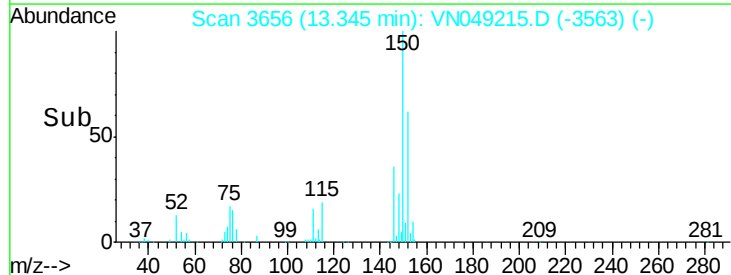
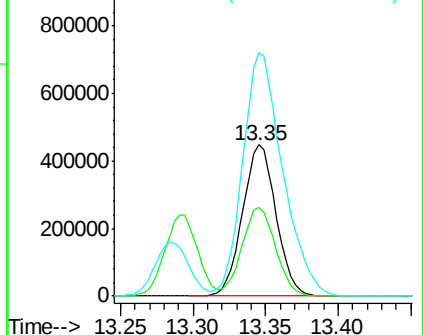
150 192.0 0.0 351.0

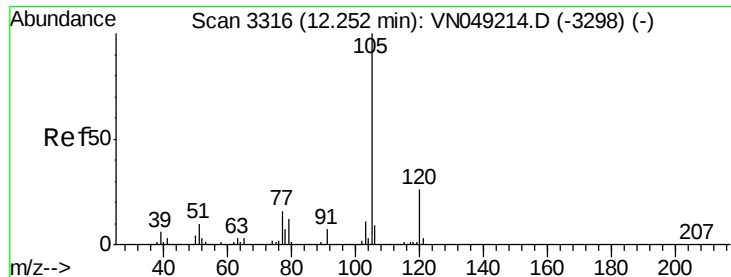


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 92.91 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion:105 Resp: 6176976

Ion Ratio Lower Upper

105 100

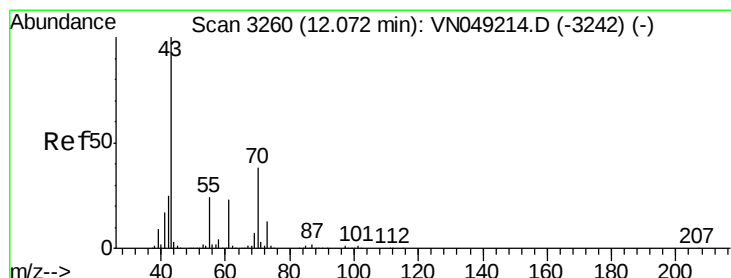
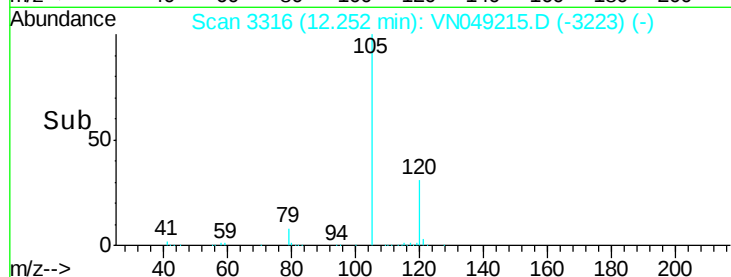
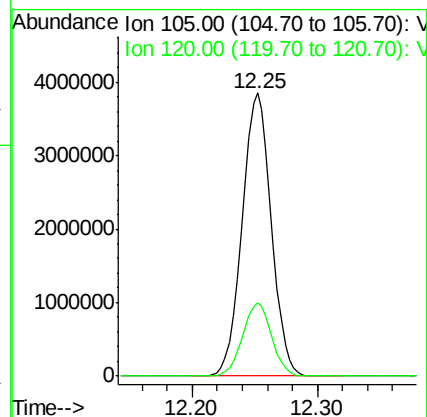
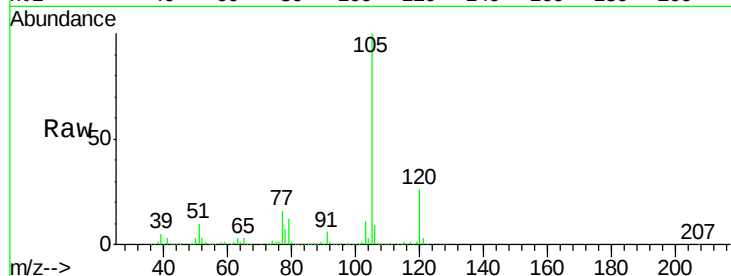
120 25.8 12.8 38.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 97.83 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Tgt Ion: 43 Resp: 1932107

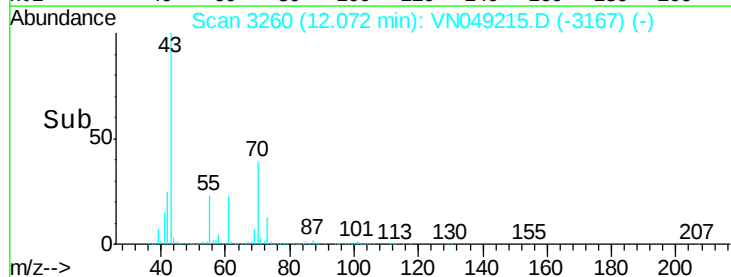
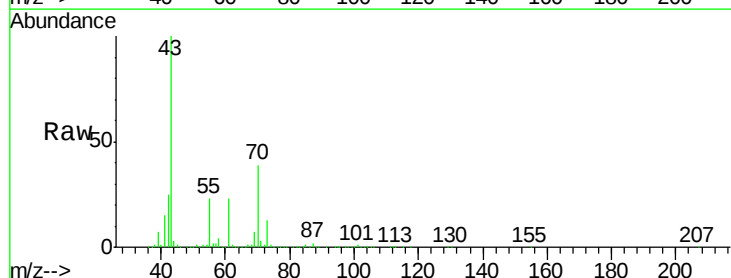
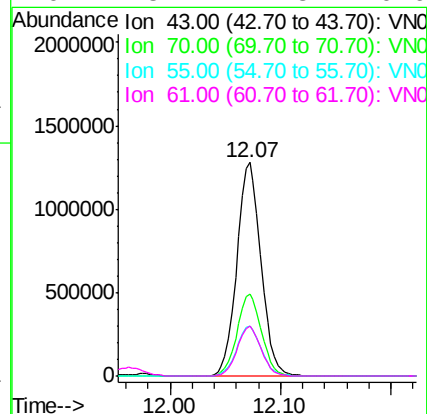
Ion Ratio Lower Upper

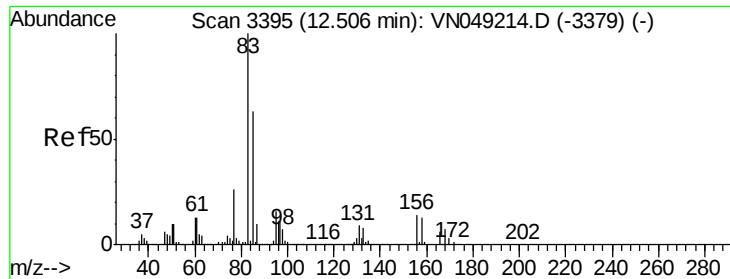
43 100

70 38.9 30.3 45.5

55 23.9 19.4 29.2

61 23.1 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 85.11 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 83 Resp: 1381314

Ion Ratio Lower Upper

83 100

131 9.5 5.0 15.0

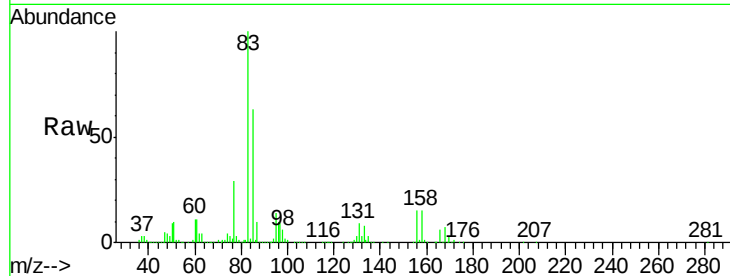
85 63.9 32.0 96.0

Manual Integrations

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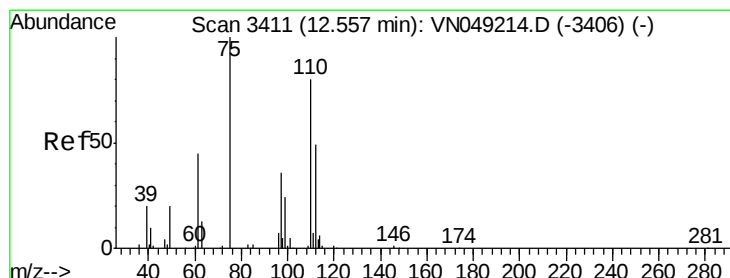
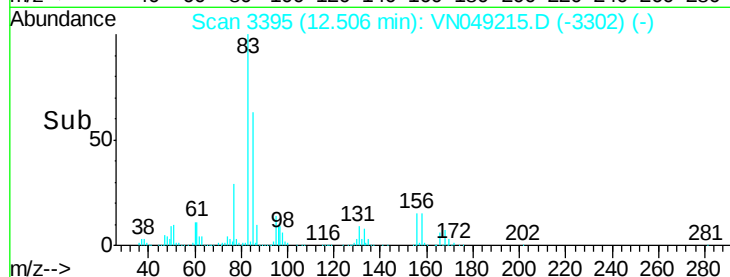
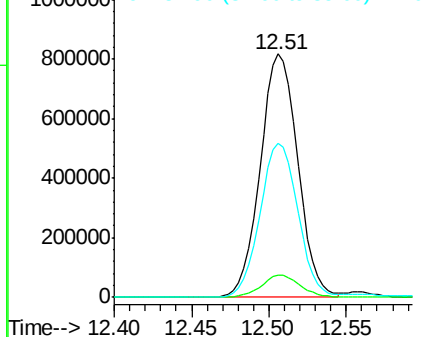
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Abundance Ion 82.90 (82.60 to 83.60): VN049215.D (-3302) (-)

Ion 130.80 (130.50 to 131.50): VN049215.D (-3302) (-)

Ion 84.90 (84.60 to 85.60): VN049215.D (-3302) (-)



#76

1,2,3-Trichloropropane

Concen: 84.10 ug/l m

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049215.D

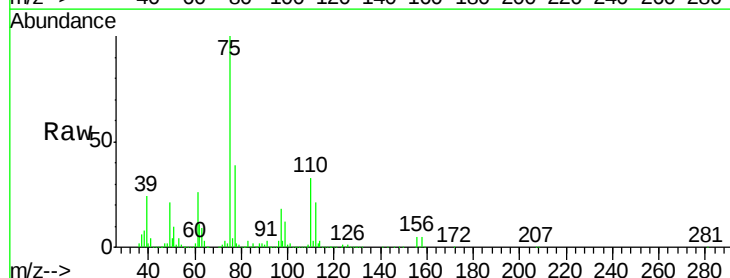
Acq: 13 Jun 2018 21:52

Tgt Ion: 75 Resp: 1161159

Ion Ratio Lower Upper

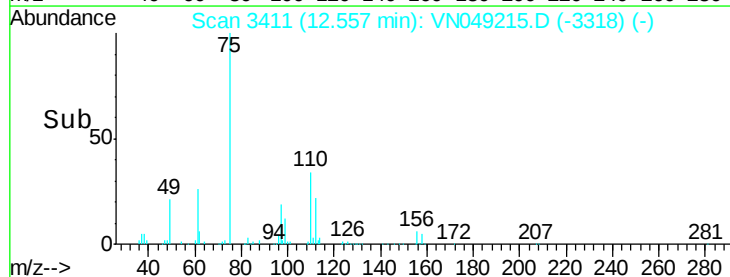
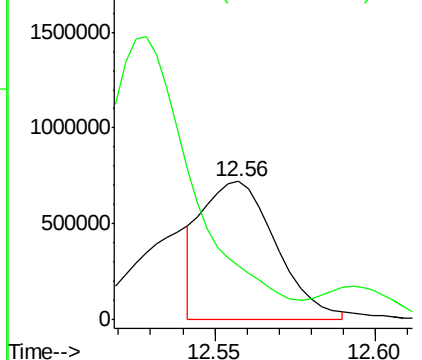
75 100

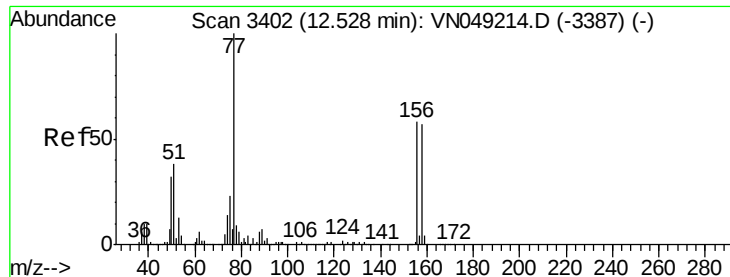
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049215.D (-3318) (-)

Ion 77.00 (76.70 to 77.70): VN049215.D (-3318) (-)





#77

Bromobenzene

Concen: 92.50 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:156 Resp: 1444473

Ion Ratio Lower Upper

156 100

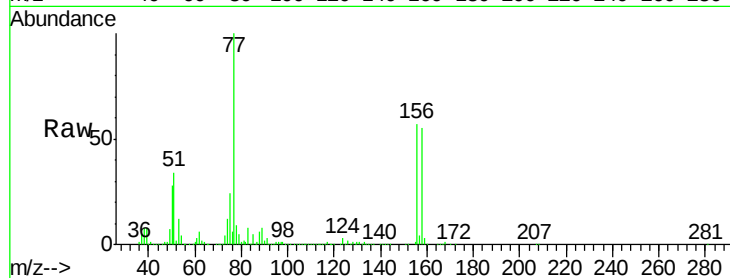
77 202.7 100.8 302.4

158 96.5 49.3 147.9

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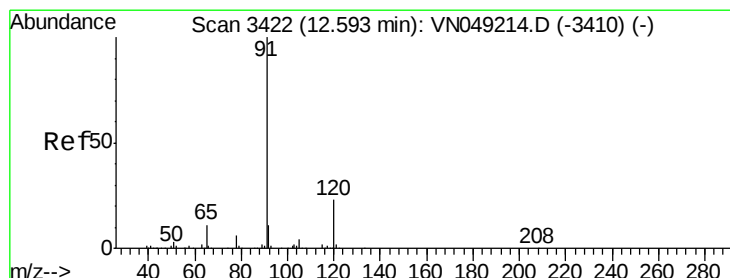
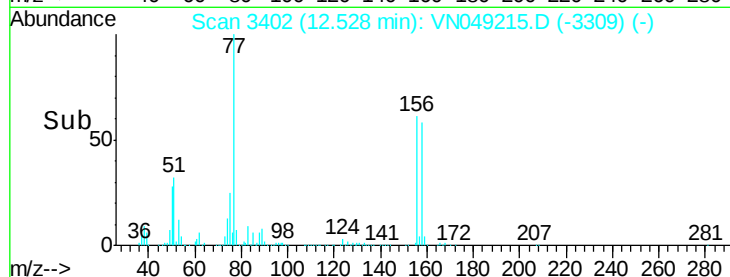
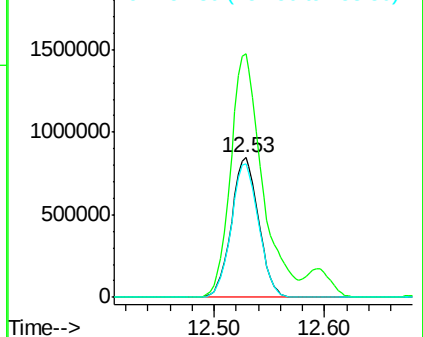
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 96.91 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049215.D

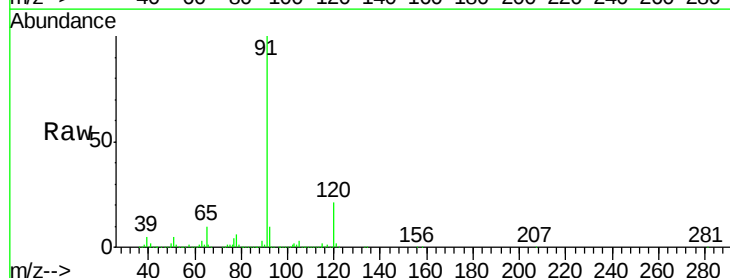
Acq: 13 Jun 2018 21:52

Tgt Ion: 91 Resp: 7359673

Ion Ratio Lower Upper

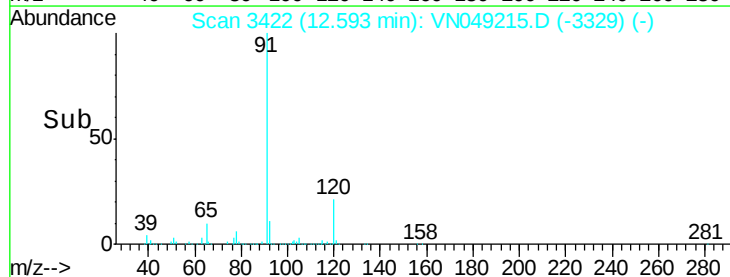
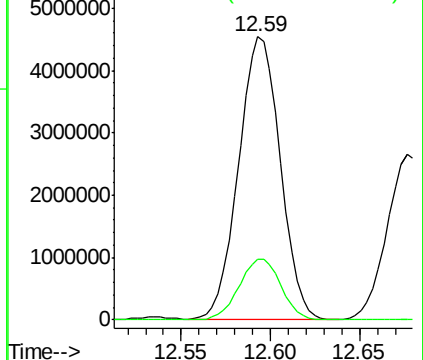
91 100

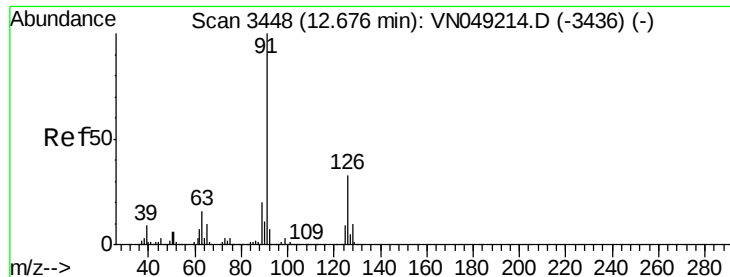
120 21.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 93.84 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 91 Resp: 4325777

Ion Ratio Lower Upper

91 100

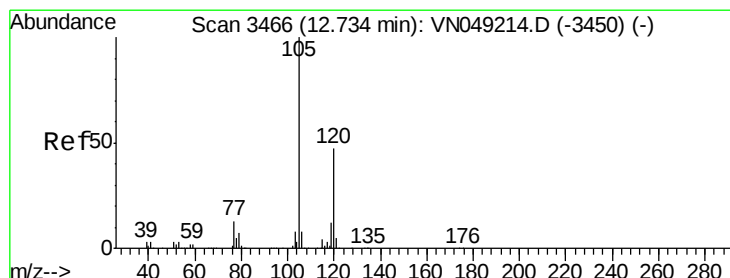
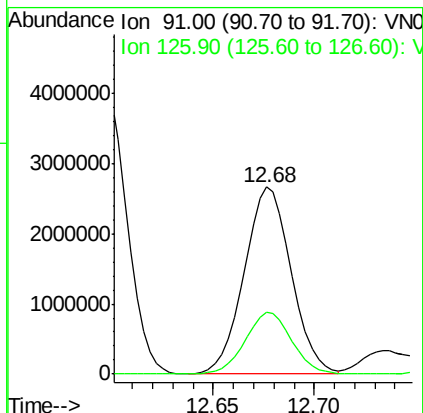
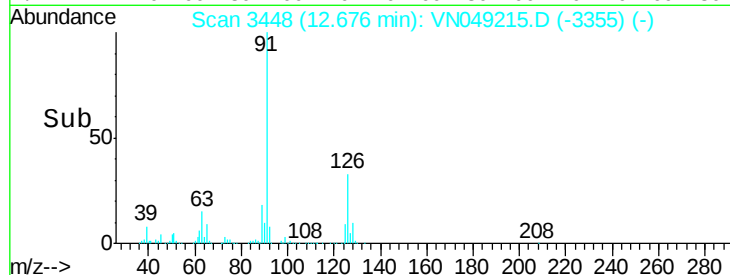
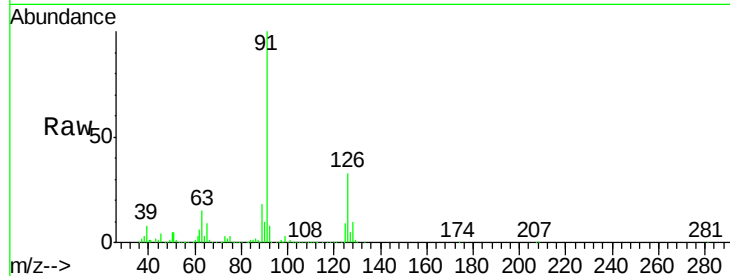
126 32.9 16.6 49.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 94.96 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049215.D

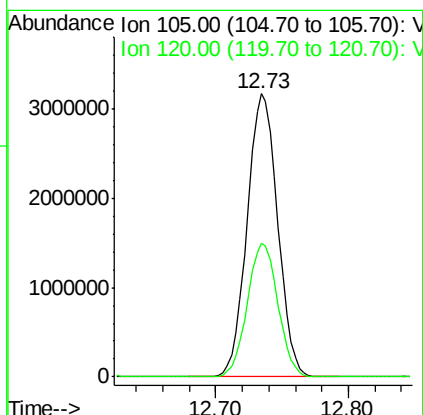
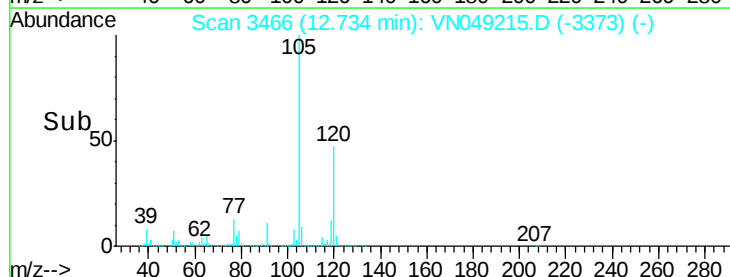
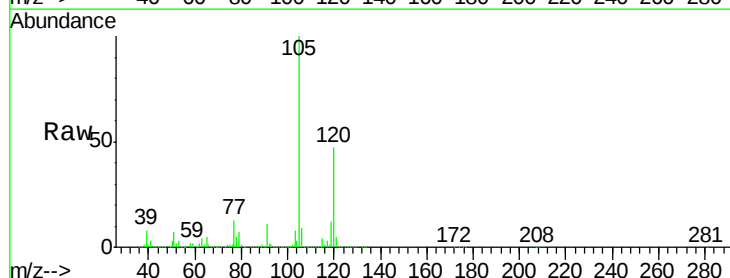
Acq: 13 Jun 2018 21:52

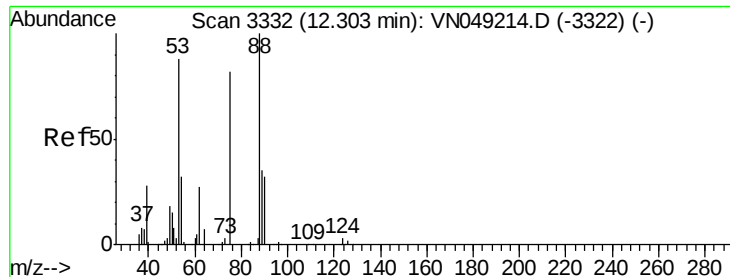
Tgt Ion: 105 Resp: 5044178

Ion Ratio Lower Upper

105 100

120 47.5 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 91.77 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Instrument :

MSVOA_N

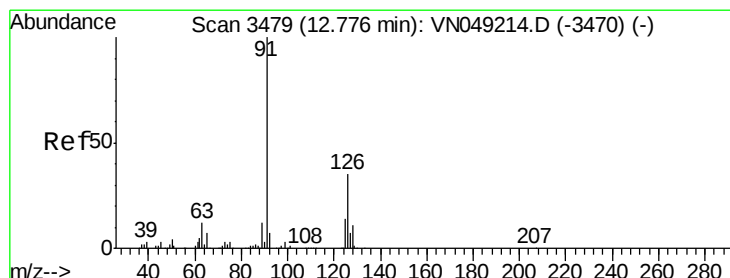
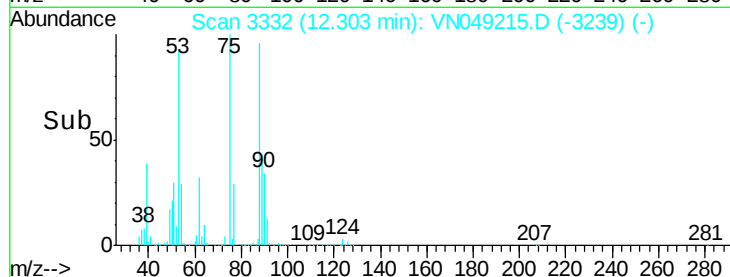
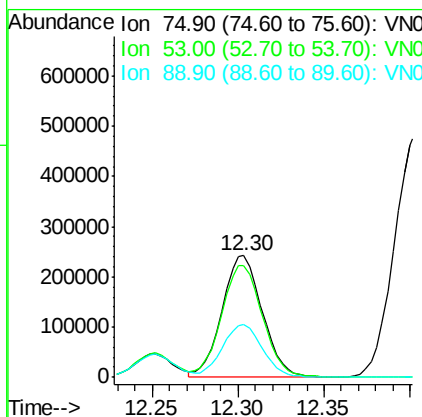
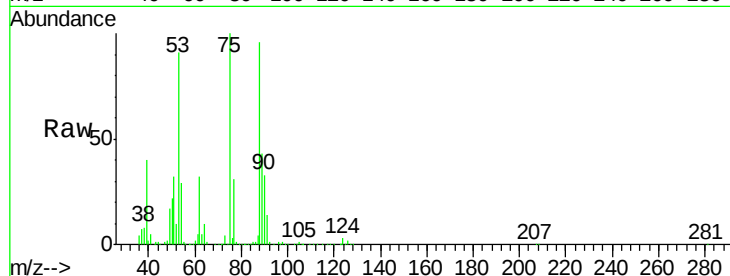
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	397307
Ion	Ratio	Lower	Upper
75	100		
53	93.5	82.7	124.1
89	43.4	36.5	54.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 95.80 ug/l

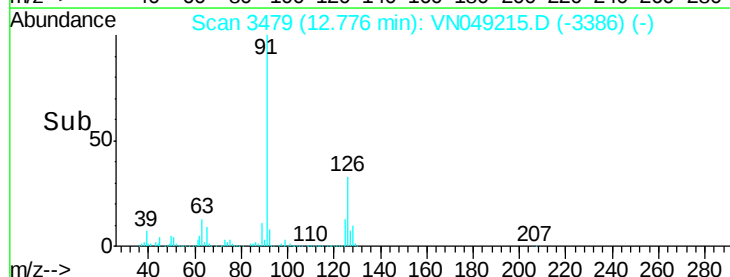
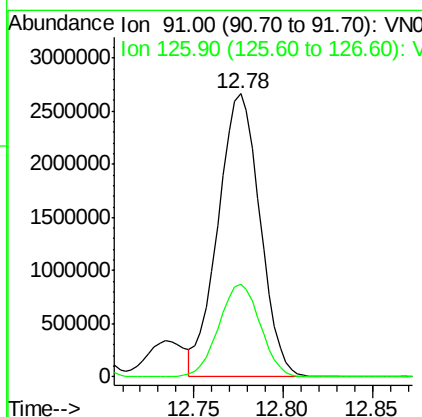
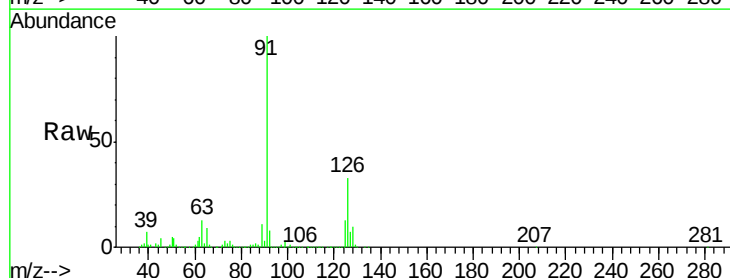
RT: 12.78 min Scan# 3479

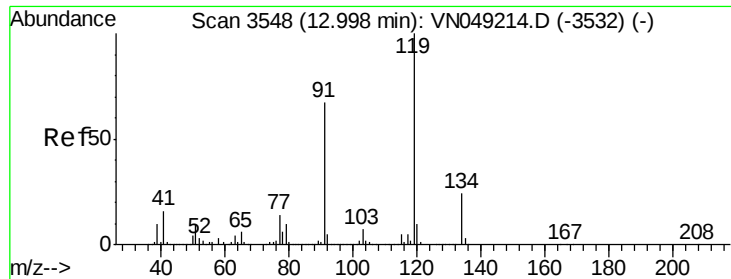
Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Tgt Ion:	91	Resp:	4349791
Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.4	49.1





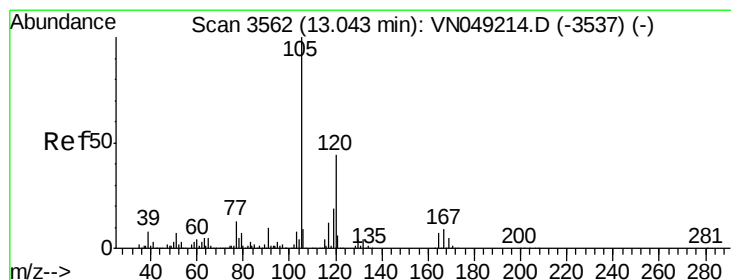
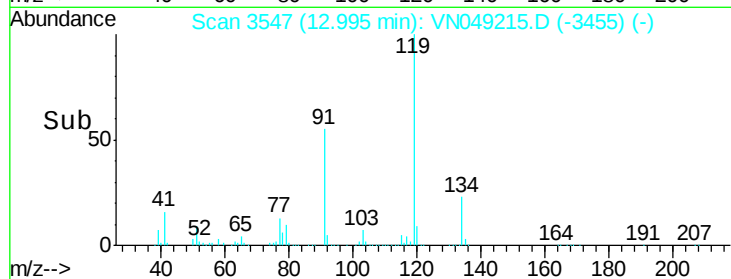
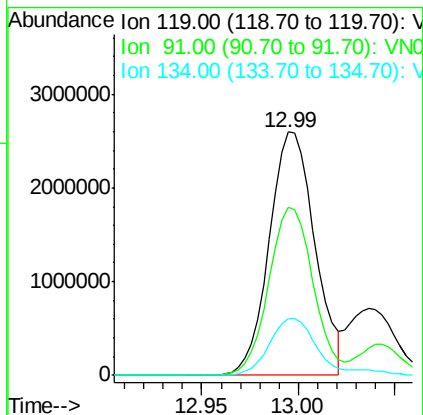
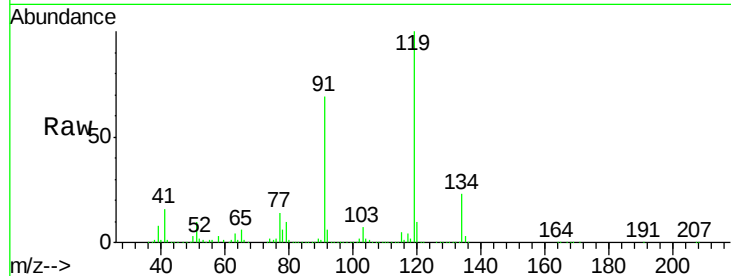
#83
 tert-Butylbenzene
 Concen: 95.06 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN049215.D
 Acq: 13 Jun 2018 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion:119 Resp: 4253947
 Ion Ratio Lower Upper
 119 100
 91 67.4 33.7 101.0
 134 25.2 12.9 38.6

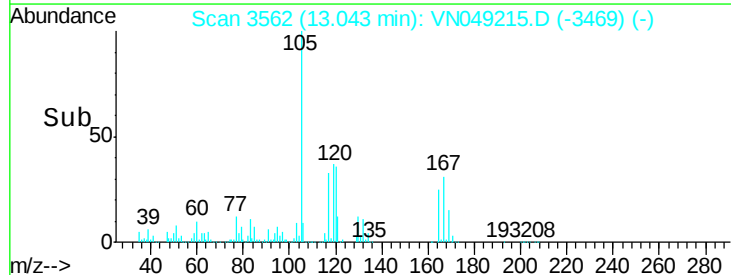
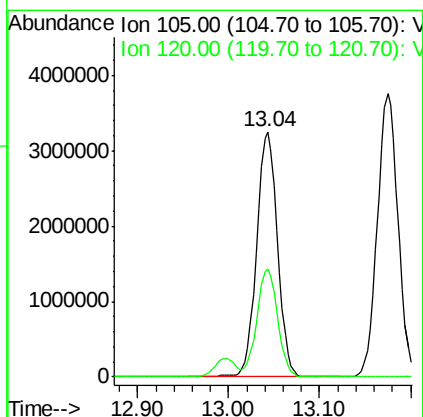
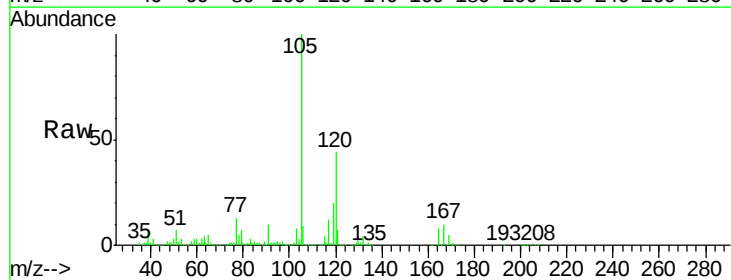
Manual Integrations
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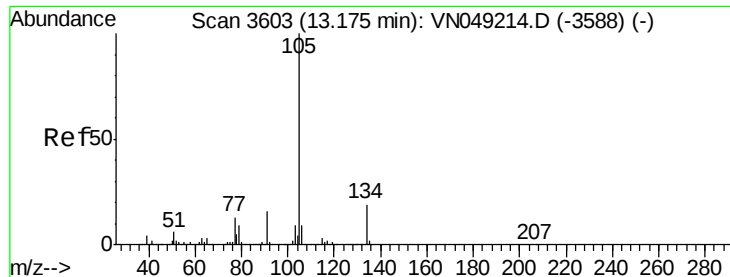
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 95.83 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049215.D
 Acq: 13 Jun 2018 21:52

Tgt Ion:105 Resp: 5140678
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 96.48 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion:105 Resp: 5881773

Ion Ratio Lower Upper

105 100

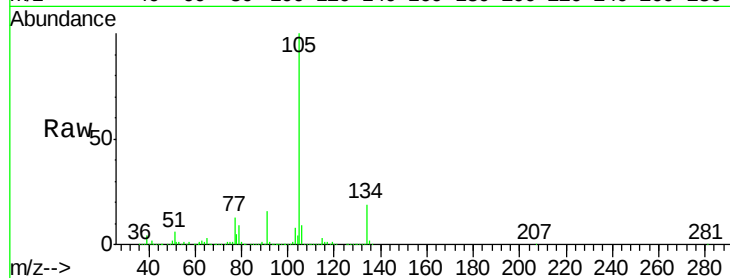
134 19.1 9.8 29.3

Manual Integrations

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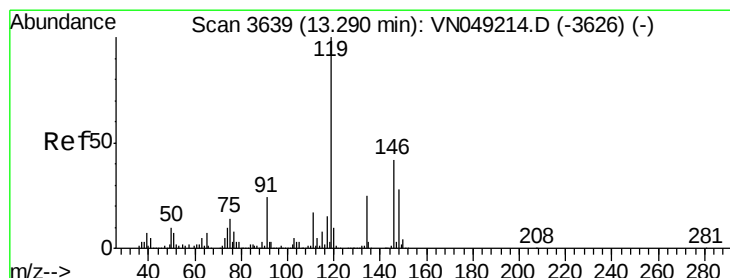
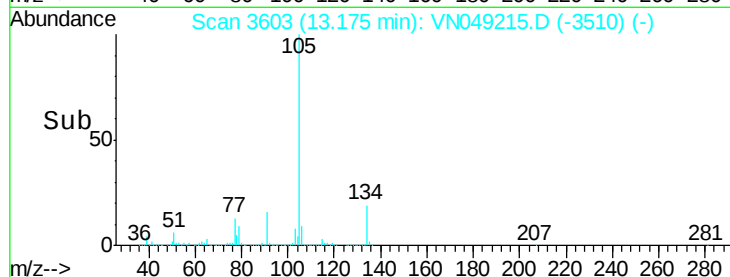
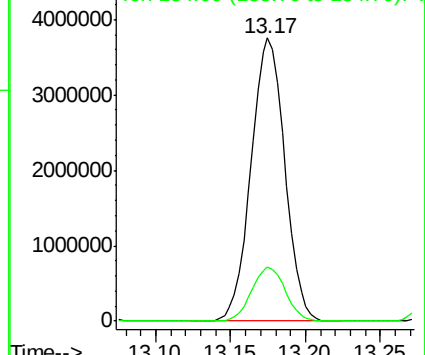
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 98.43 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

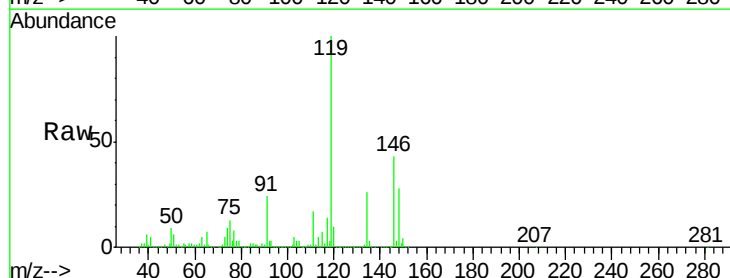
Tgt Ion:119 Resp: 4988993

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

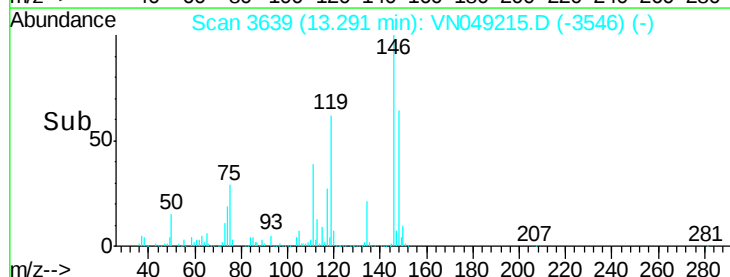
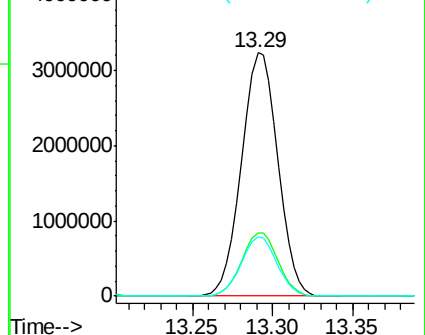
91 23.8 12.1 36.3

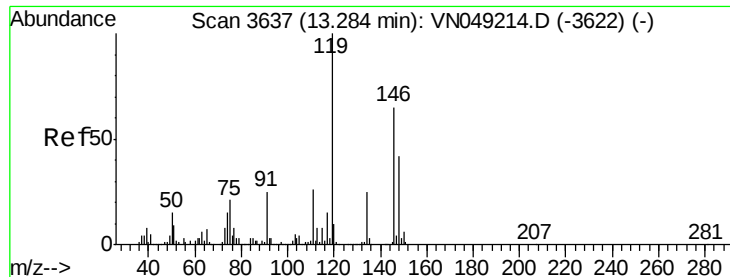


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 95.67 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Instrument :

MSVOA_N

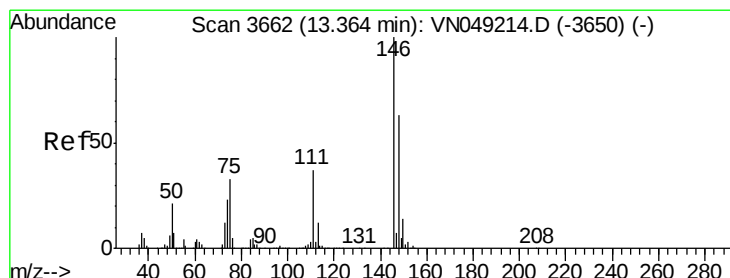
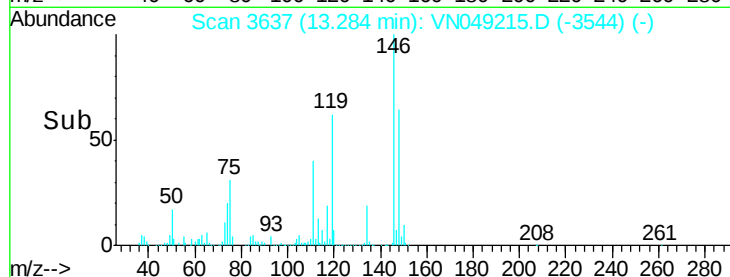
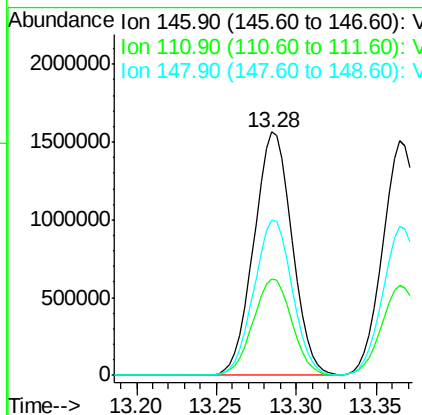
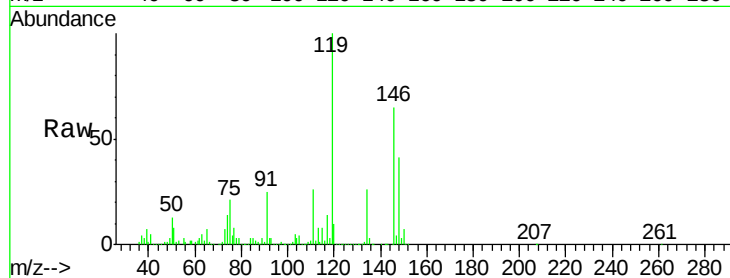
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.9	59.6
148	63.9	32.1	96.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 95.61 ug/l

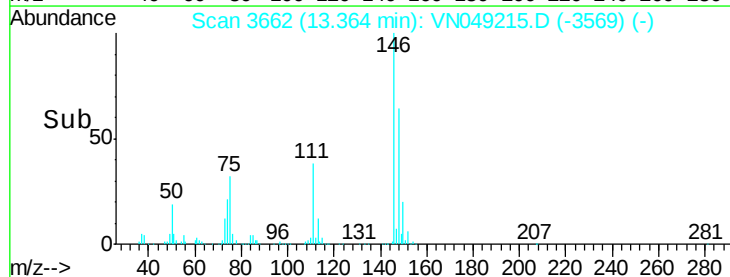
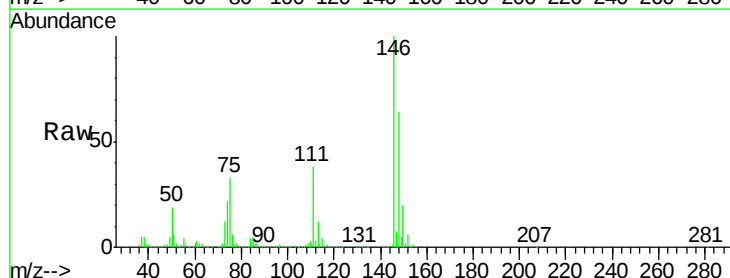
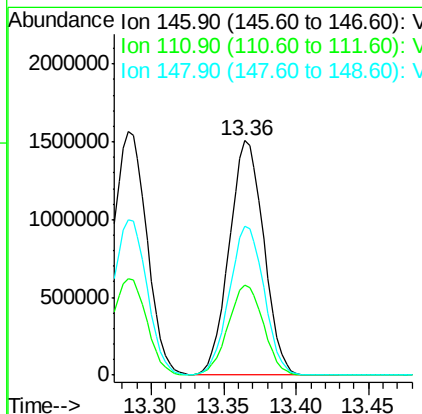
RT: 13.36 min Scan# 3662

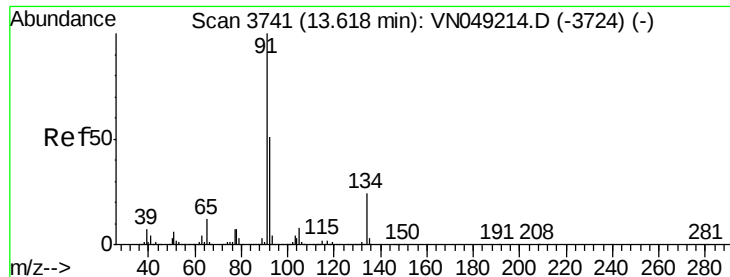
Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.1
148	64.0	32.0	96.2





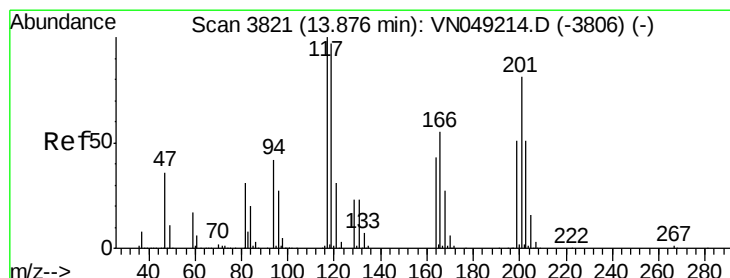
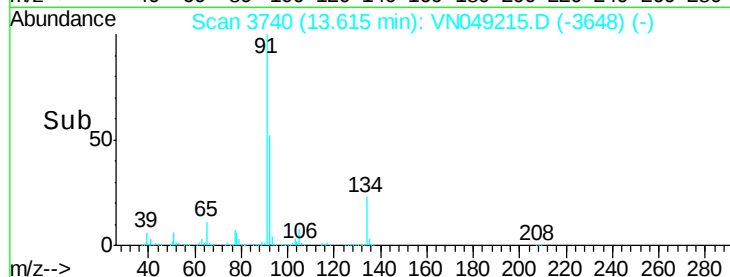
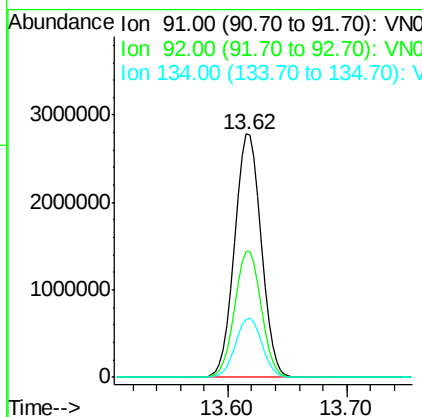
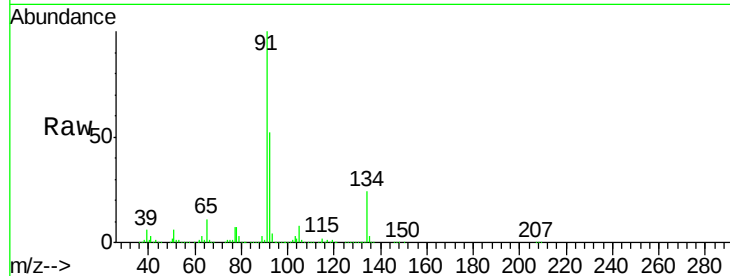
#89
n-Butylbenzene
Concen: 105.41 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049215.D
Acq: 13 Jun 2018 21:52

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	25.1	75.4
134	24.1	12.0	36.0

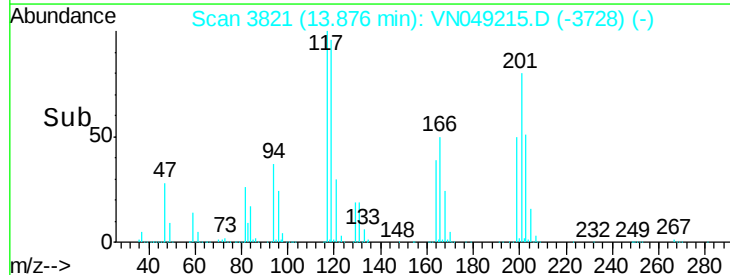
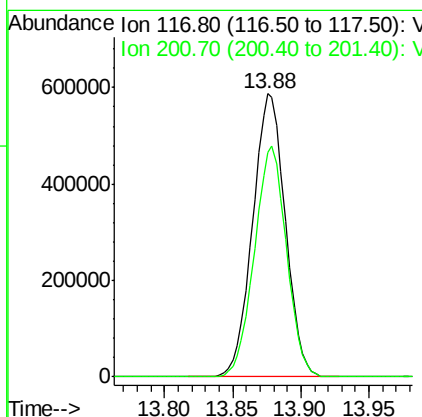
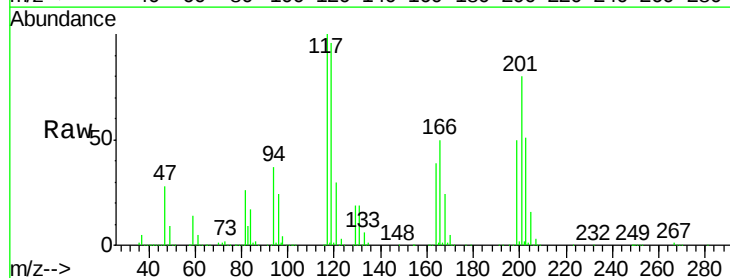
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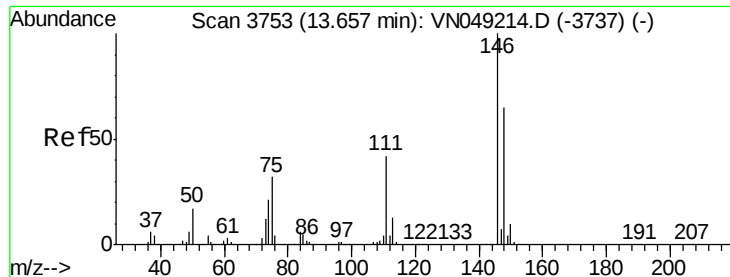
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#90
Hexachloroethane
Concen: 89.85 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049215.D
Acq: 13 Jun 2018 21:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.2	40.1	120.2





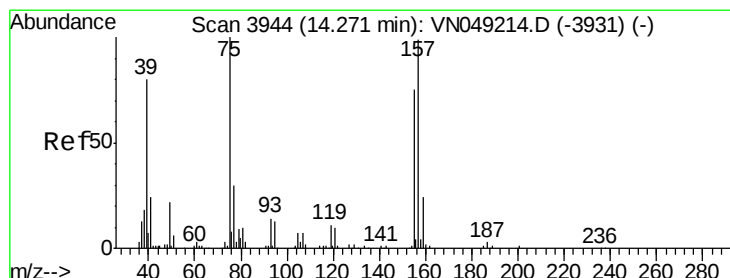
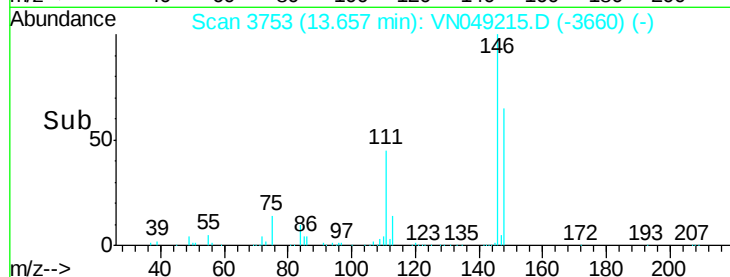
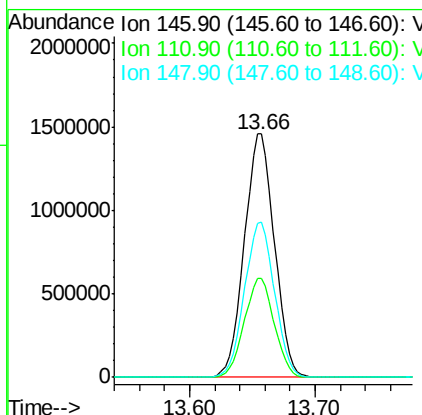
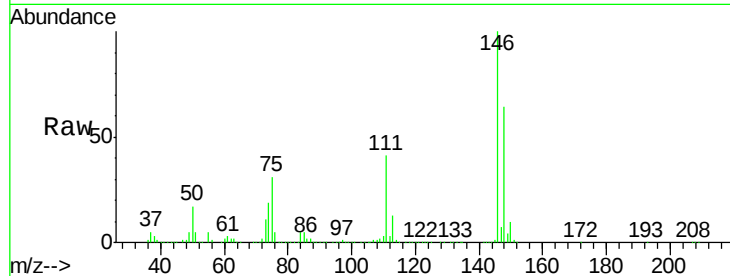
#91
 1,2-Dichlorobenzene
 Concen: 94.05 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049215.D
 Acq: 13 Jun 2018 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.8	62.2
148	63.8	32.0	96.2

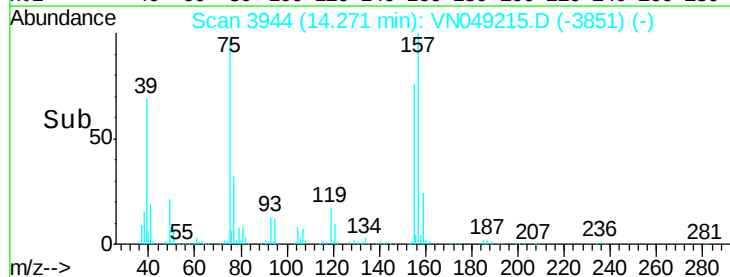
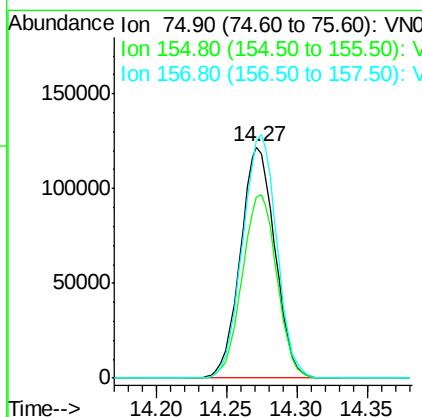
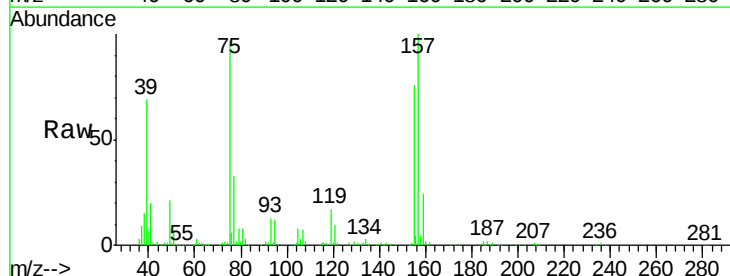
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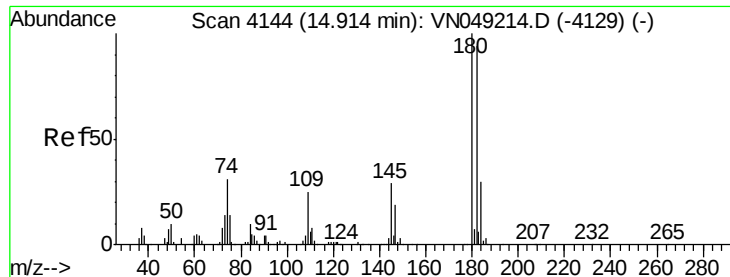
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 89.27 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049215.D
 Acq: 13 Jun 2018 21:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.6	38.8	116.3
157	104.5	51.0	153.1





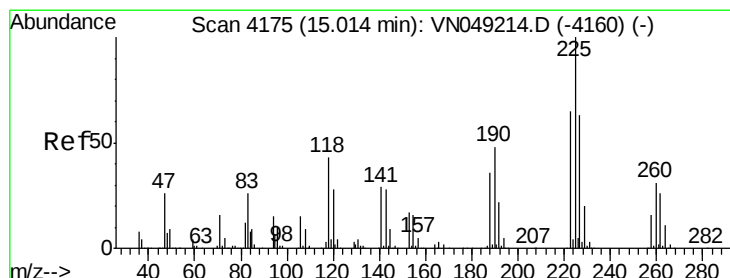
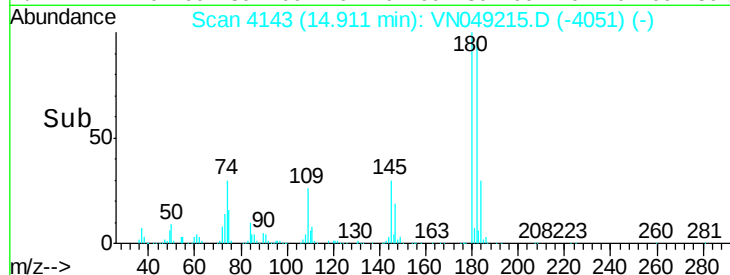
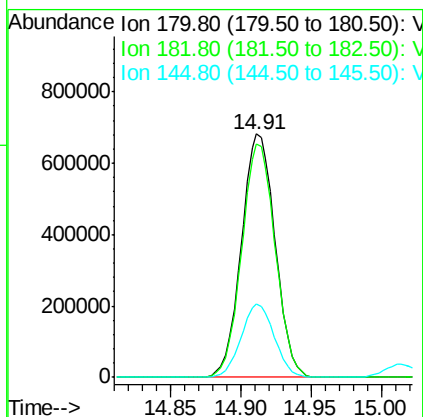
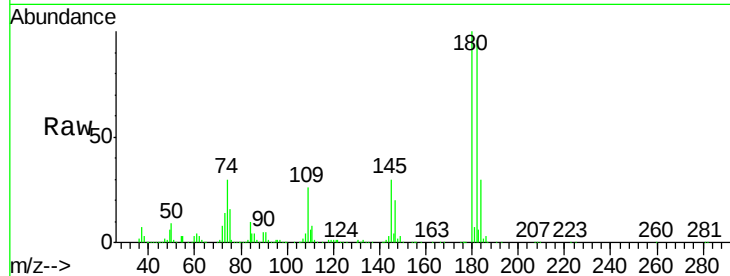
#93
 1,2,4-Trichlorobenzene
 Concen: 111.59 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049215.D
 Acq: 13 Jun 2018 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	46.9	140.8
145	29.8	14.7	44.1

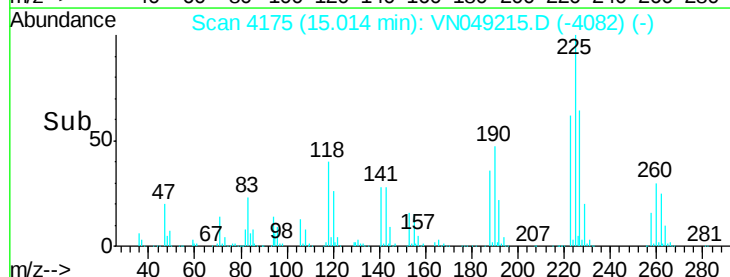
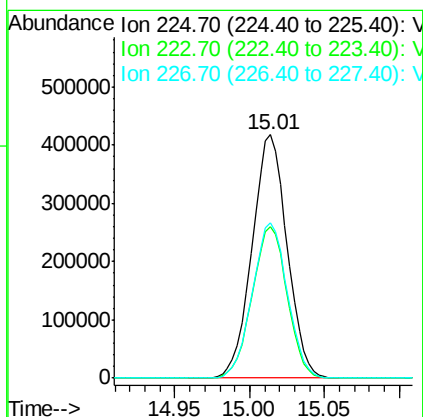
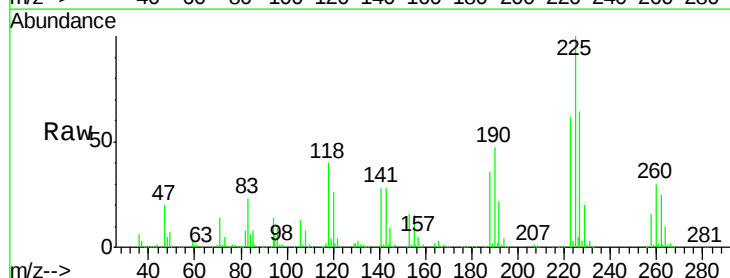
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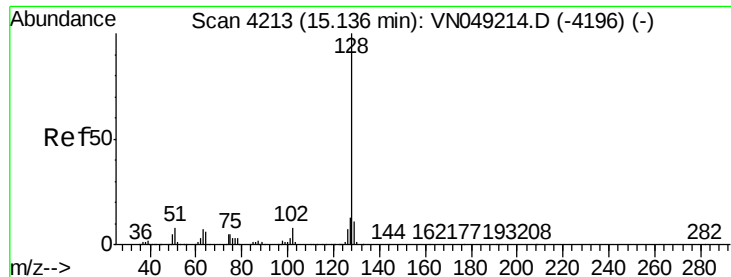
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#94
 Hexachlorobutadiene
 Concen: 86.99 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049215.D
 Acq: 13 Jun 2018 21:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	32.1	96.3
227	63.9	31.8	95.3





#95

Naphthalene

Concen: 111.36 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Instrument :

MSVOA_N

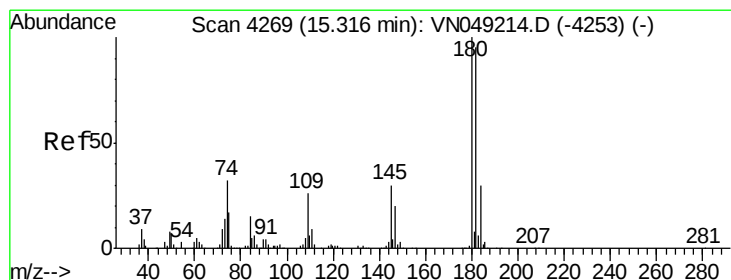
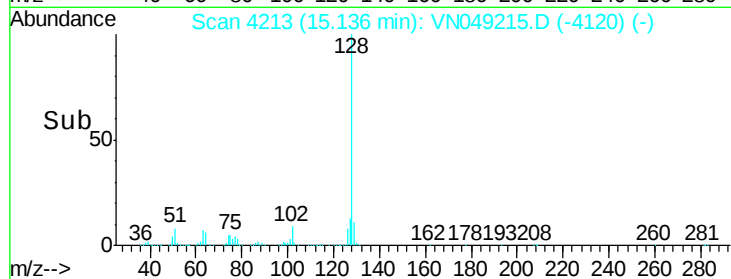
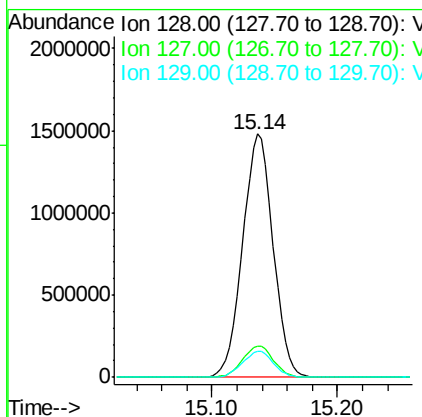
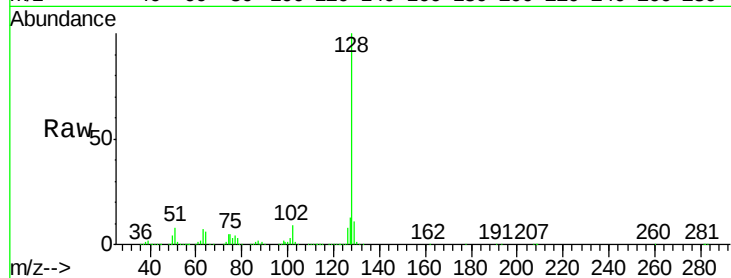
ClientSampleId :

VSTDIC100

Tot Ion:	128	Resp:	2497253
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	10.9	8.5	12.7

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 107.96 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN049215.D

Acq: 13 Jun 2018 21:52

Tgt Ion:	180	Resp:	1124810
Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.3	141.8
145	31.2	15.6	46.7

