

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062918\
 Data File : VN049629.D
 Acq On : 29 Jun 2018 12:36
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
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 7/2/2018 2:19:37 PM

Quant Time: Jun 30 00:34:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:18:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1458666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2174705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2024097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1161015	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1855948	96.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.70%	
35) Dibromofluoromethane	7.59	113	1549041	95.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.56%	
50) Toluene-d8	10.09	98	6407223	100.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.36%	
62) 4-Bromofluorobenzene	12.40	95	2283994	105.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	1716397	104.41	ug/l	97
3) Chloromethane	2.06	50	2034742	99.10	ug/l	100
4) Vinyl Chloride	2.18	62	2214931	100.44	ug/l	100
5) Bromomethane	2.55	94	1109145	95.76	ug/l	100
6) Chloroethane	2.70	64	1359529	97.41	ug/l	99
7) Trichlorofluoromethane	3.01	101	2394119	95.05	ug/l	99
8) Diethyl Ether	3.41	74	1032825	101.16	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	1772586	97.81	ug/l	99
10) Methyl Iodide	3.95	142	2450318	108.04	ug/l	100
11) Tert butyl alcohol	4.80	59	578634	523.47	ug/l	99
12) 1,1-Dichloroethene	3.73	96	1664251	97.14	ug/l	99
13) Acrolein	3.61	56	546862	529.64	ug/l	98
14) Allyl chloride	4.32	41	2147177	91.24	ug/l	99
15) Acrylonitrile	4.99	53	2983066	522.51	ug/l	99
16) Acetone	3.82	43	2015747	422.50	ug/l	98
17) Carbon Disulfide	4.05	76	4901534	94.38	ug/l	99
18) Methyl Acetate	4.33	43	1673191	57.64	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	4630447	104.84	ug/l	100
20) Methylene Chloride	4.55	84	1862819	93.91	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	1784933	101.23	ug/l	99
22) Diisopropyl ether	5.95	45	5672044	106.53	ug/l	98
23) Vinyl Acetate	5.90	43	19411247	562.20	ug/l	100
24) 1,1-Dichloroethane	5.85	63	3323043	99.07	ug/l	99
25) 2-Butanone	6.84	43	3344699	523.03	ug/l	99
26) 2,2-Dichloropropane	6.82	77	2776147	99.65	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	2047344	103.95	ug/l	99
28) Bromochloromethane	7.20	49	1423936	100.02	ug/l	99
29) Tetrahydrofuran	7.21	42	2214184	543.24	ug/l	100
30) Chloroform	7.37	83	3376324	98.75	ug/l	100
31) Cyclohexane	7.65	56	2993049	90.62	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	2910109	100.53	ug/l	99
36) 1,1-Dichloropropene	7.79	75	2610267	106.69	ug/l	100
37) Ethyl Acetate	6.93	43	1549985	108.61	ug/l	100
38) Carbon Tetrachloride	7.77	117	2488194	104.54	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	2926303	109.09	ug/l	100
40) Benzene	8.04	78	7662250	102.56	ug/l	100
41) Methacrylonitrile	7.17	41	816639	107.20	ug/l	92
42) 1,2-Dichloroethane	8.13	62	2402489	100.76	ug/l	99
43) Isopropyl Acetate	8.17	43	2901752	86.06	ug/l	97
44) Trichloroethene	8.84	130	2251447	99.93	ug/l	99
45) 1,2-Dichloropropane	9.12	63	2011795	104.23	ug/l	99
46) Dibromomethane	9.21	93	1204370	103.14	ug/l	98
47) Bromodichloromethane	9.40	83	2587058	104.07	ug/l	98
48) Methyl methacrylate	9.20	41	1396952	110.16	ug/l	98
49) 1,4-Dioxane	9.20	88	373441	2190.44	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	7617090	544.41	ug/l	99
52) Toluene	10.16	92	4815700	106.70	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	2687545	112.91	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	3095174	111.26	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	1714257	102.01	ug/l	99
56) Ethyl methacrylate	10.43	69	2323378	117.95	ug/l	99
57) 1,3-Dichloropropane	10.71	76	2891422	106.10	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	5622394	613.12	ug/l	100
59) 2-Hexanone	10.75	43	5200926	562.14	ug/l	100
60) Dibromochloromethane	10.90	129	1985283	109.30	ug/l	100
61) 1,2-Dibromoethane	11.01	107	1715114	106.51	ug/l	99
64) Tetrachloroethene	10.63	164	2655231	96.88	ug/l	99
65) Chlorobenzene	11.44	112	5318104	100.72	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	1946359	102.59	ug/l	100
67) Ethyl Benzene	11.51	91	9362263	107.26	ug/l	100
68) m/p-Xylenes	11.62	106	7234743	216.28	ug/l	99
69) o-Xylene	11.95	106	3488546	108.93	ug/l	98
70) Styrene	11.97	104	5825658	112.43	ug/l	99
71) Bromoform	12.13	173	1370180	108.69	ug/l	100
73) Isopropylbenzene	12.25	105	9178530	99.25	ug/l	100
74) N-amyl acetate	12.07	43	2652906	105.02	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	1947442	89.18	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	1699540m	84.32	ug/l	
77) Bromobenzene	12.53	156	2360886	93.88	ug/l	100
78) n-propylbenzene	12.59	91	10817196	102.06	ug/l	99
79) 2-Chlorotoluene	12.68	91	6368358	94.94	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	7812778	101.66	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	591253	107.85	ug/l	97
82) 4-Chlorotoluene	12.77	91	6558588	97.24	ug/l	99
83) tert-Butylbenzene	12.99	119	6668394	101.01	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	8110403	102.71	ug/l	100
85) sec-Butylbenzene	13.17	105	8962064	102.46	ug/l	100
86) p-Isopropyltoluene	13.29	119	8059265	106.38	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	4377422	94.29	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	4308494	92.96	ug/l	99
89) n-Butylbenzene	13.62	91	6962834	107.35	ug/l	99
90) Hexachloroethane	13.88	117	840923	105.67	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	4226051	93.65	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	329310	86.42	ug/l	96

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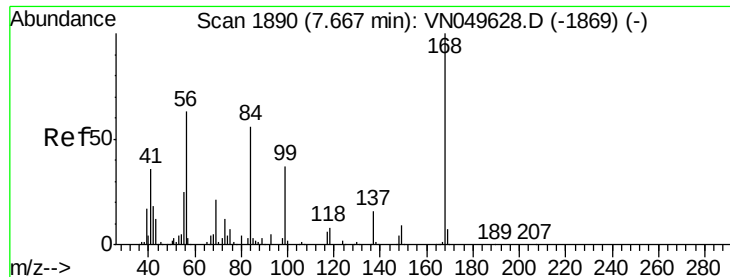
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	2264804	108.99	ug/l	99
94) Hexachlorobutadiene	15.01	225	1283498	89.06	ug/l	99
95) Naphthalene	15.14	128	5026322	112.74	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	2122647	99.28	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tot Ion:168 Resp: 1458666

Ion Ratio Lower Upper

168 100

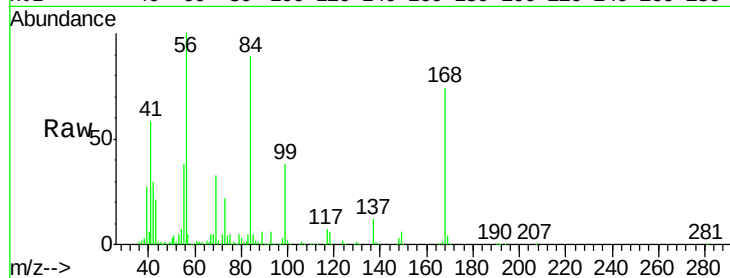
99 50.3 40.6 61.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

800000

600000

400000

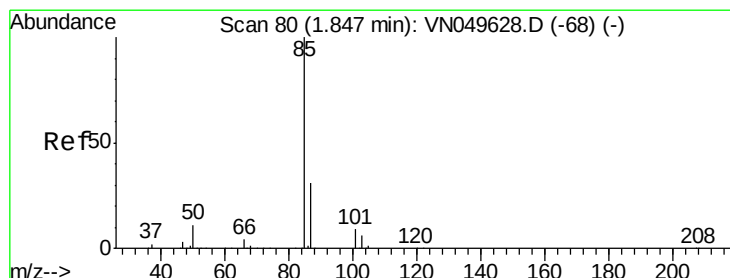
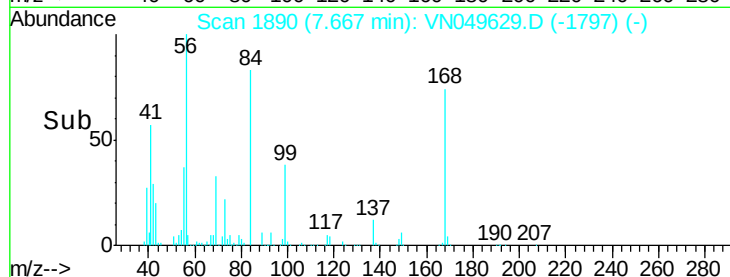
200000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 104.41 ug/l

RT: 1.85 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN049629.D

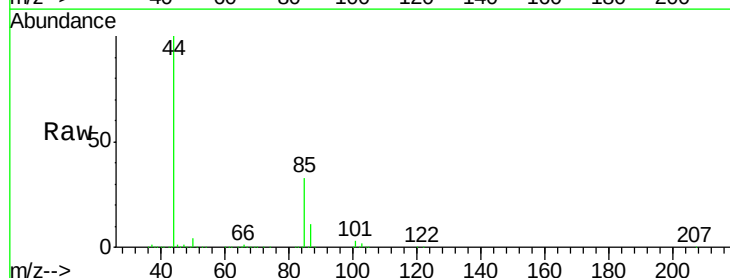
Acq: 29 Jun 2018 12:36

Tgt Ion: 85 Resp: 1716397

Ion Ratio Lower Upper

85 100

87 32.1 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1000000

500000

0

1.75

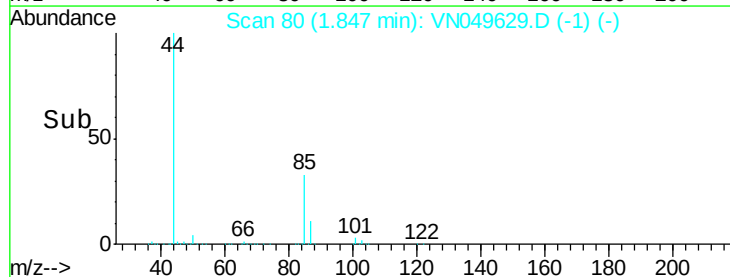
1.80

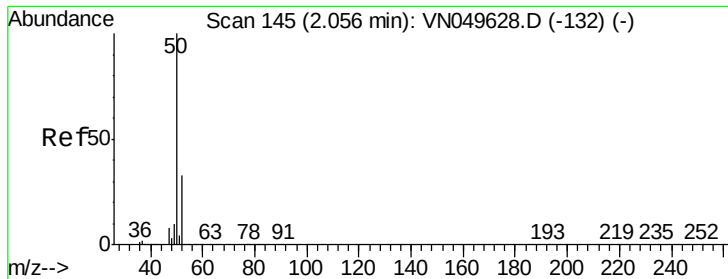
1.85

1.90

1.95

Time-->





#3

Chloromethane

Concen: 99.10 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 2034742

Ion Ratio Lower Upper

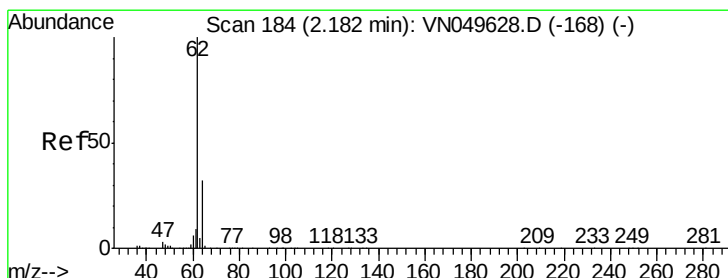
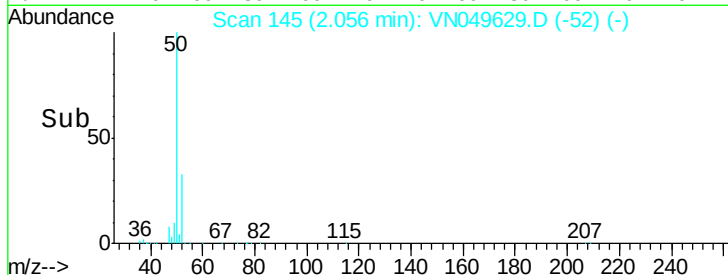
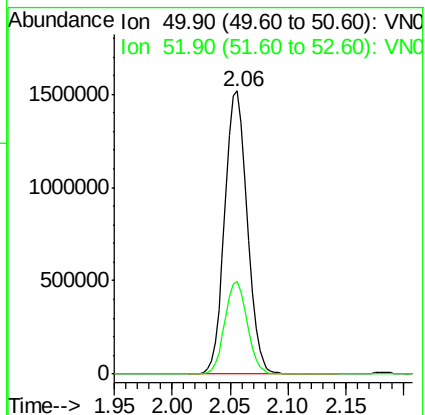
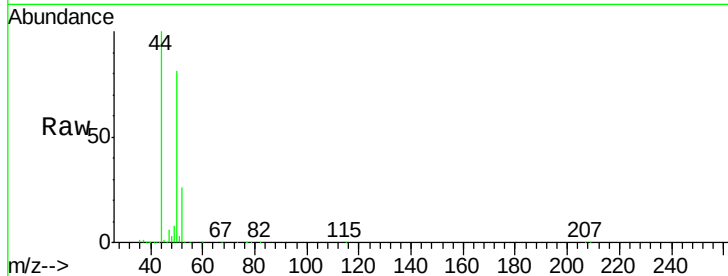
50 100

52 32.7 26.1 39.1

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#4

Vinyl Chloride

Concen: 100.44 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049629.D

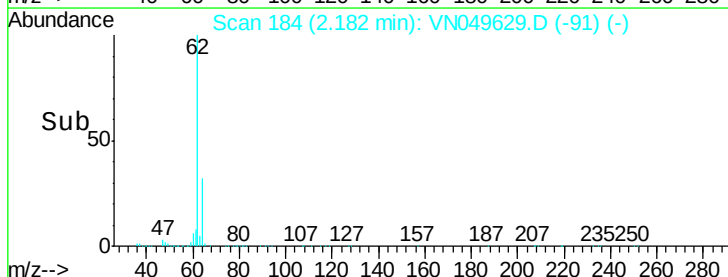
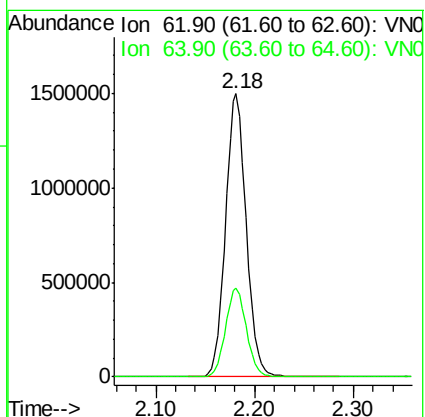
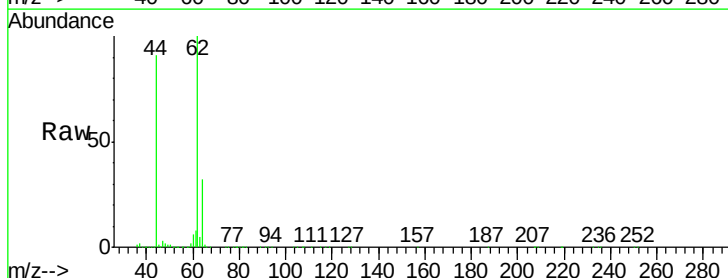
Acq: 29 Jun 2018 12:36

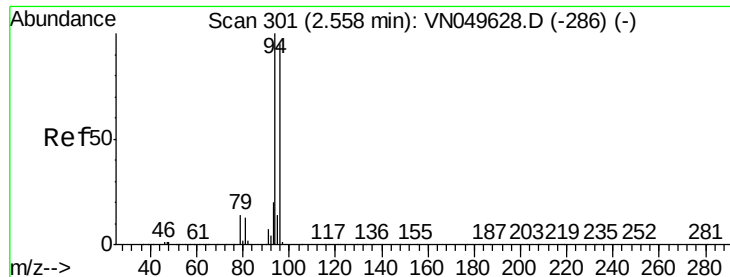
Tgt Ion: 62 Resp: 2214931

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.0





#5

Bromomethane

Concen: 95.76 ug/l

RT: 2.55 min Scan# 299

Delta R.T. -0.01 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 94 Resp: 1109145

Ion Ratio Lower Upper

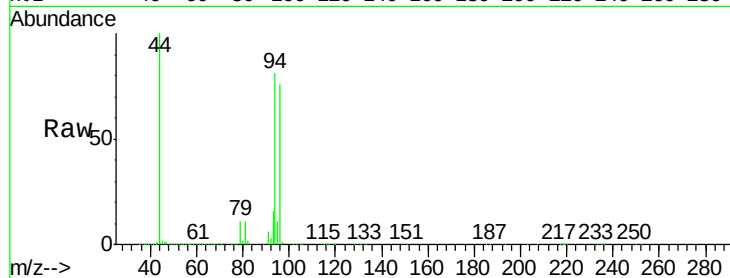
94 100

96 94.4 75.7 113.5

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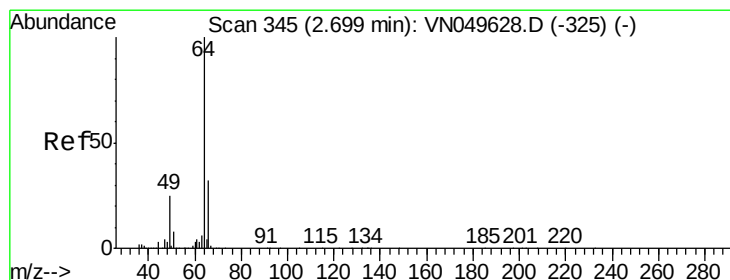
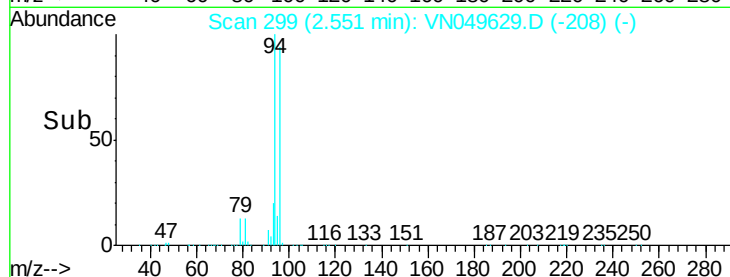
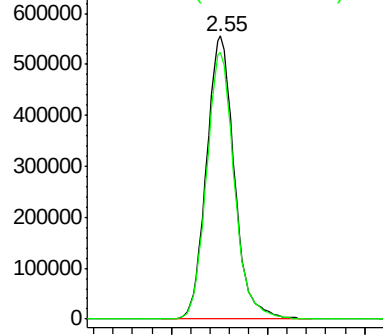
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 97.41 ug/l

RT: 2.70 min Scan# 344

Delta R.T. -0.00 min

Lab File: VN049629.D

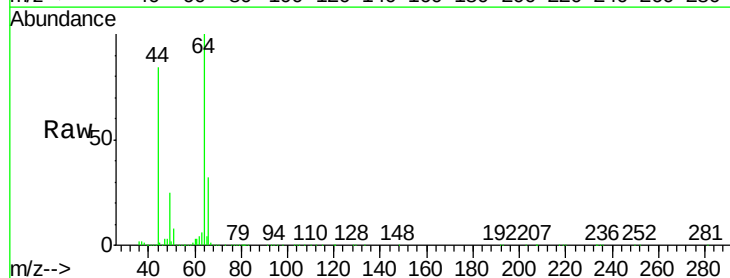
Acq: 29 Jun 2018 12:36

Tgt Ion: 64 Resp: 1359529

Ion Ratio Lower Upper

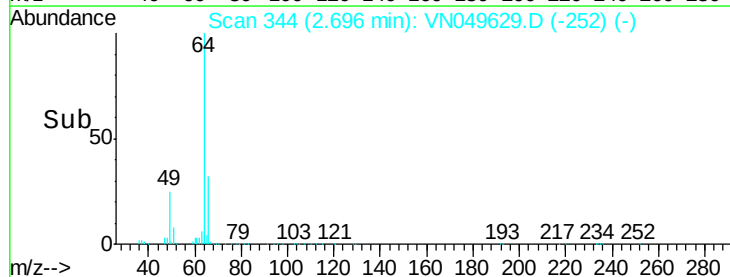
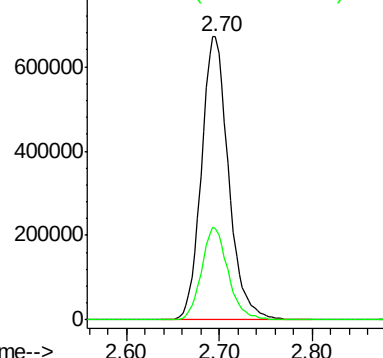
64 100

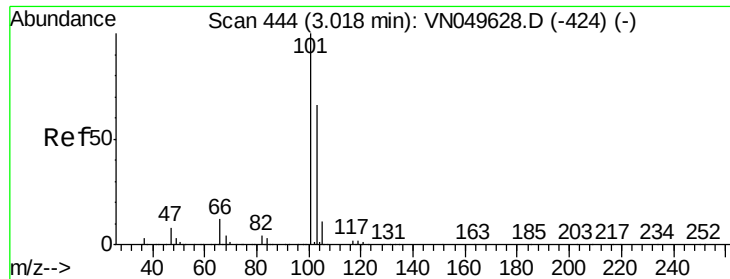
66 32.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

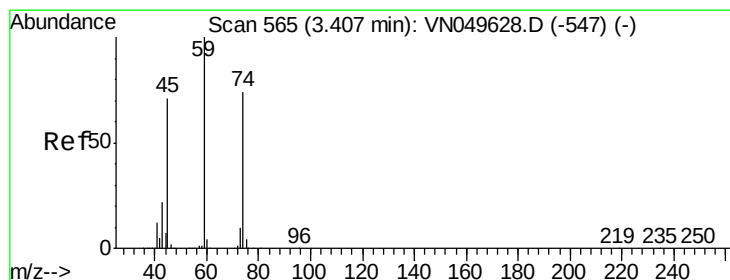
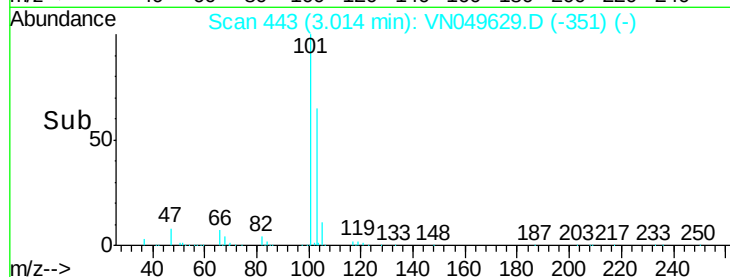
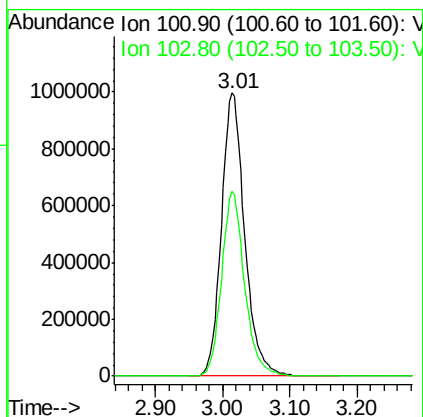
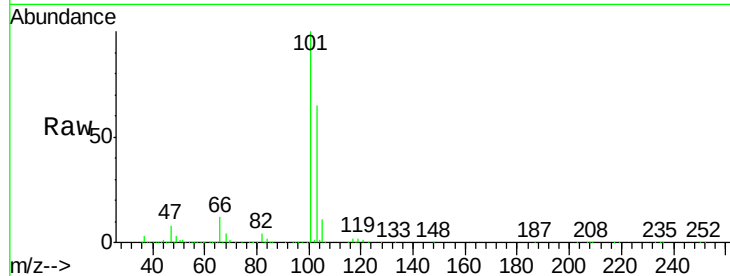
Trichlorofluoromethane
Concen: 95.05 ug/l
RT: 3.01 min Scan# 443
Delta R.T. -0.00 min
Lab File: VN049629.D
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VSTDIC100

Tot Ion:101 Resp: 2394119
Ion Ratio Lower Upper
101 100
103 65.0 52.8 79.2

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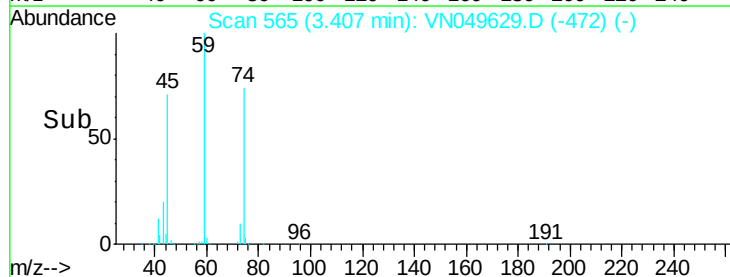
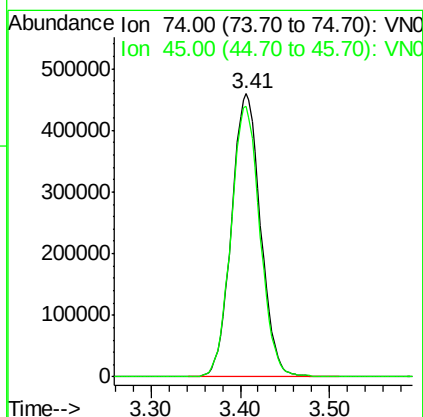
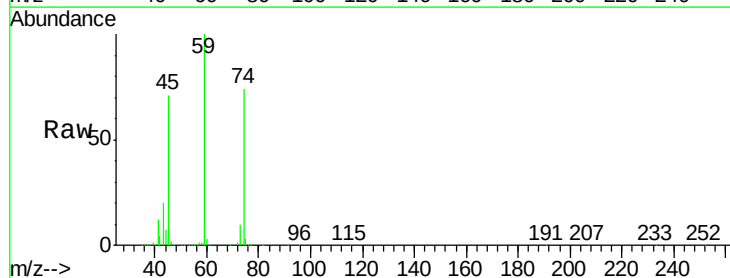
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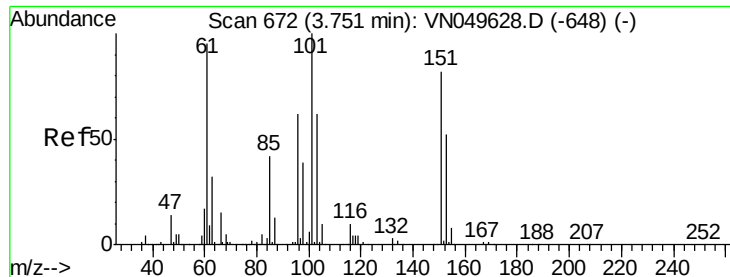


#8

Diethyl Ether
Concen: 101.16 ug/l
RT: 3.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: VN049629.D
Acq: 29 Jun 2018 12:36

Tgt Ion: 74 Resp: 1032825
Ion Ratio Lower Upper
74 100
45 95.2 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 97.81 ug/l

RT: 3.75 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion:101 Resp: 1772586

Ion Ratio Lower Upper

101 100

85 42.4 34.4 51.6

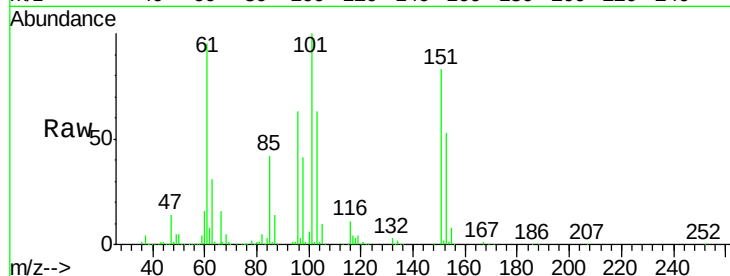
151 82.5 66.2 99.4

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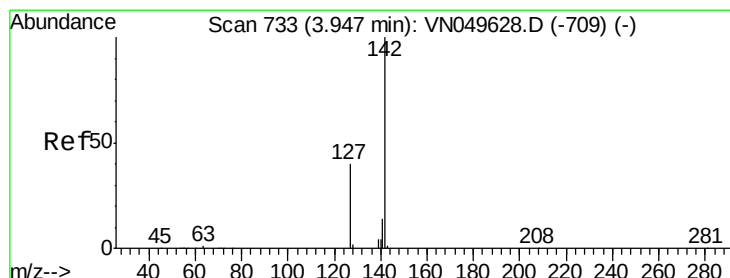
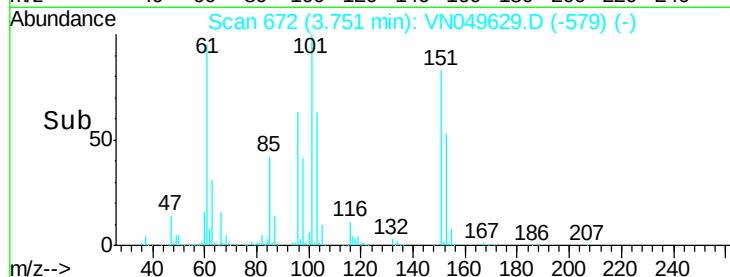
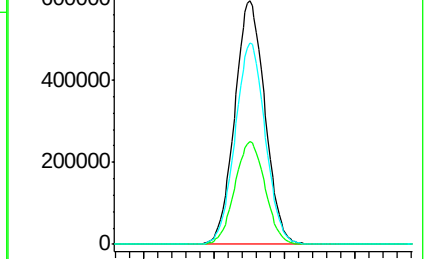
7/2/2018 2:19:37 PM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 108.04 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

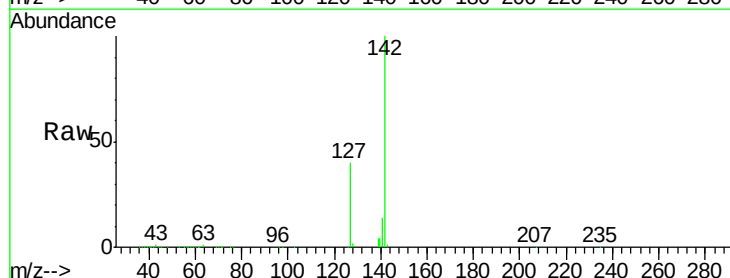
Tgt Ion:142 Resp: 2450318

Ion Ratio Lower Upper

142 100

127 40.9 32.5 48.7

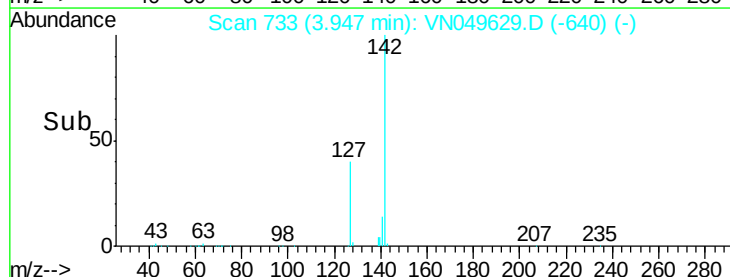
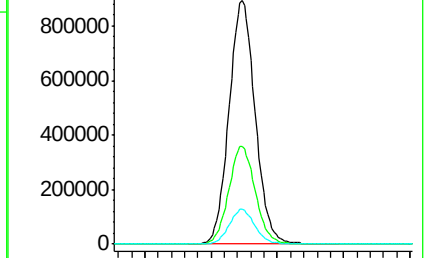
141 14.1 11.1 16.7

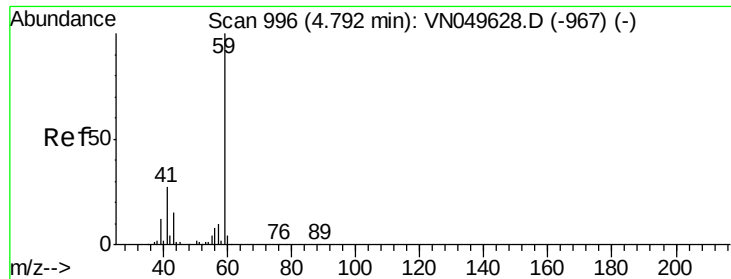


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

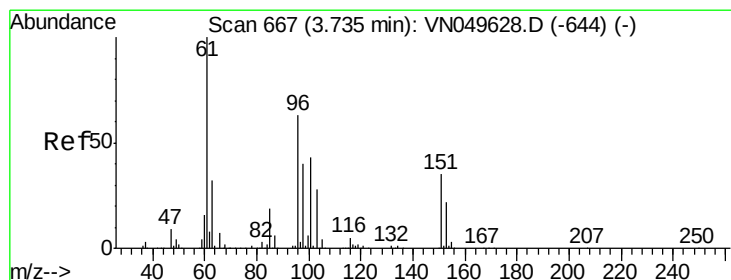
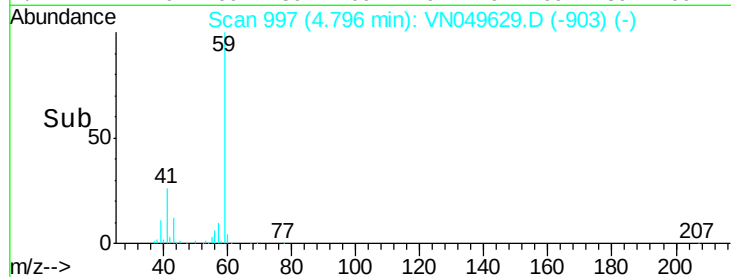
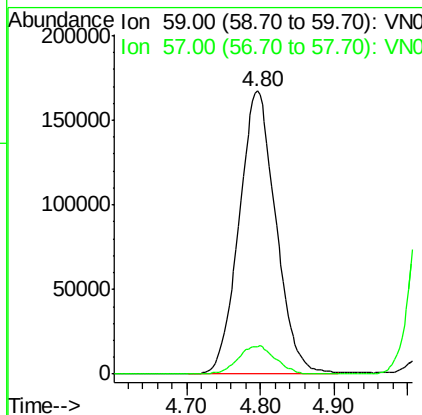
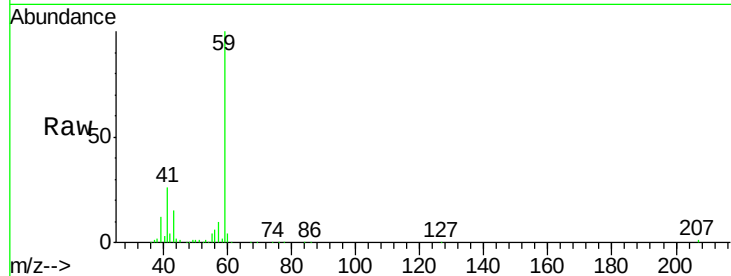
Tert butyl alcohol
Concen: 523.47 ug/l
RT: 4.80 min Scan# 997
Delta R.T. 0.00 min
Lab File: VN049629.D
Acq: 29 Jun 2018 12:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	59	Resp	578634
Ion Ratio	100	Lower	Upper
57	10.2	8.5	12.7

Manual Integrations
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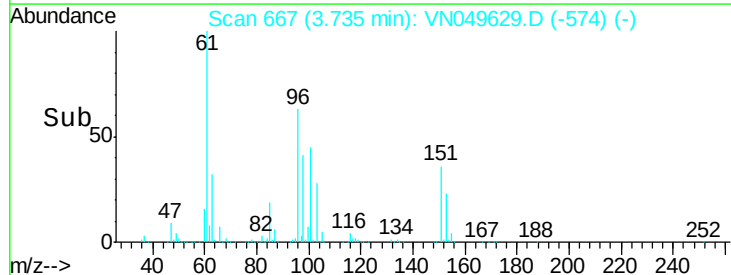
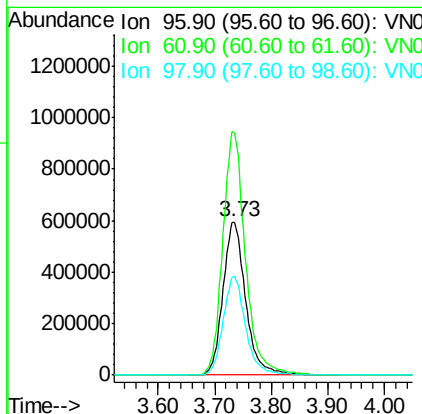
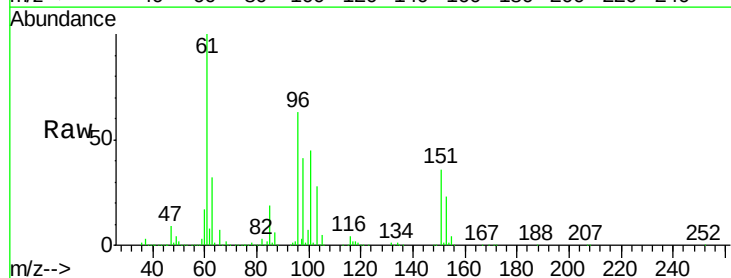
apatel
7/2/2018 2:19:37 PM

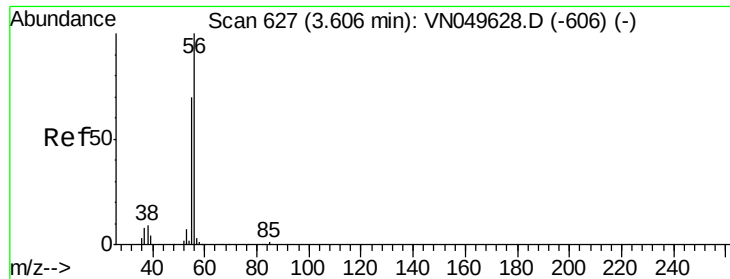


#12

1,1-Dichloroethene
Concen: 97.14 ug/l
RT: 3.73 min Scan# 667
Delta R.T. -0.00 min
Lab File: VN049629.D
Acq: 29 Jun 2018 12:36

Tgt Ion	96	Resp	1664251
Ion Ratio	100	Lower	Upper
61	158.8	126.5	189.7
98	64.4	51.0	76.6





#13

Acrolein

Concen: 529.64 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 546862

Ion Ratio Lower Upper

56 100

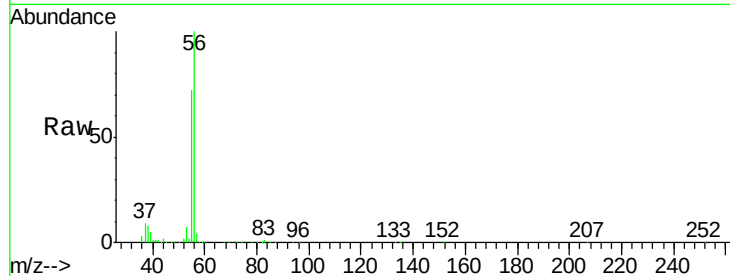
55 71.2 55.8 83.8

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VN049629.D (-534) (-)

Ion 55.00 (54.70 to 55.70): VN049629.D (-534) (-)

3.61

250000

200000

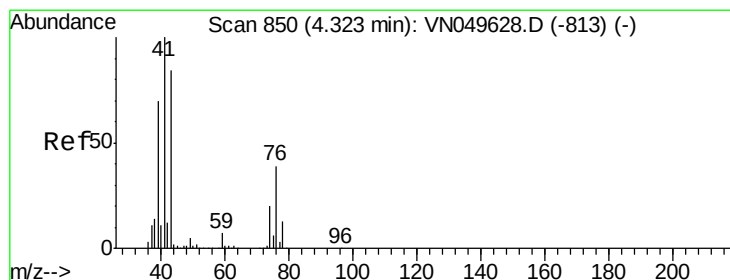
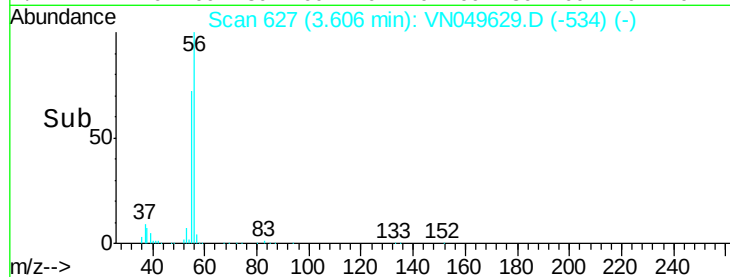
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 91.24 ug/l

RT: 4.32 min Scan# 850

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

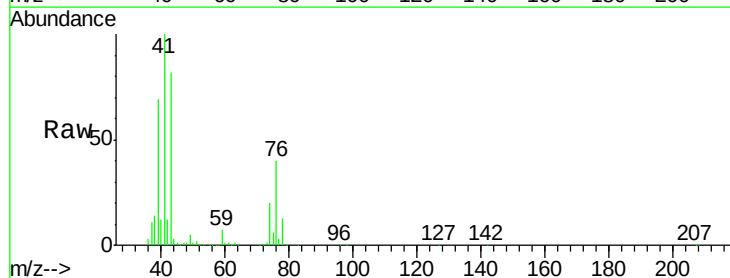
Tgt Ion: 41 Resp: 2147177

Ion Ratio Lower Upper

41 100

39 65.1 53.2 79.8

76 36.6 29.0 43.6



Abundance Ion 41.00 (40.70 to 41.70): VN049629.D (-757) (-)

Ion 39.00 (38.70 to 39.70): VN049629.D (-757) (-)

Ion 75.90 (75.60 to 76.60): VN049629.D (-757) (-)

4.32

800000

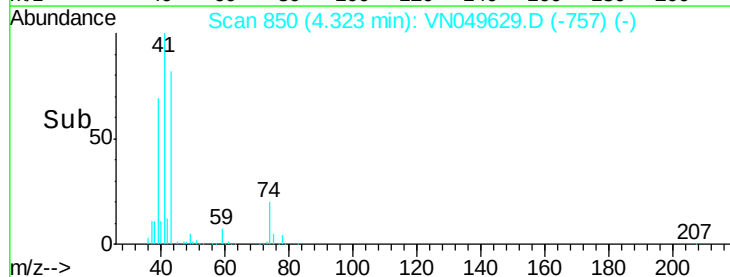
600000

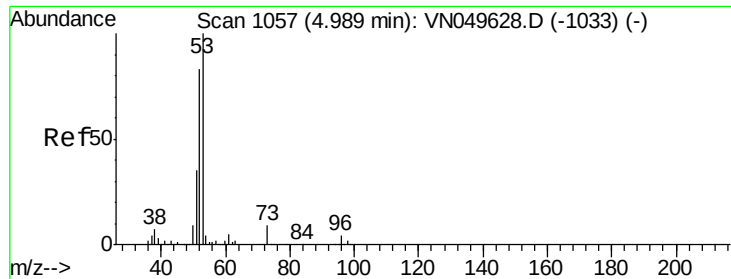
400000

200000

0

Time-->





#15

Acrylonitrile

Concen: 522.51 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tot Ion: 53 Resp: 2983066

Ion Ratio Lower Upper

53 100

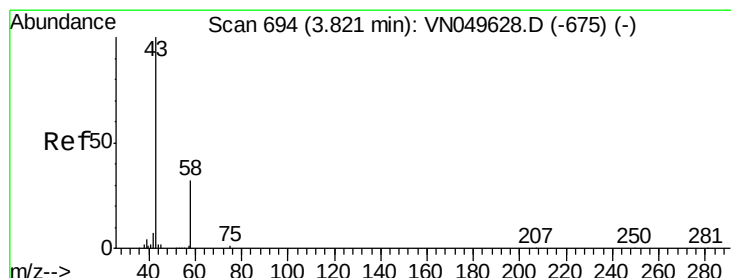
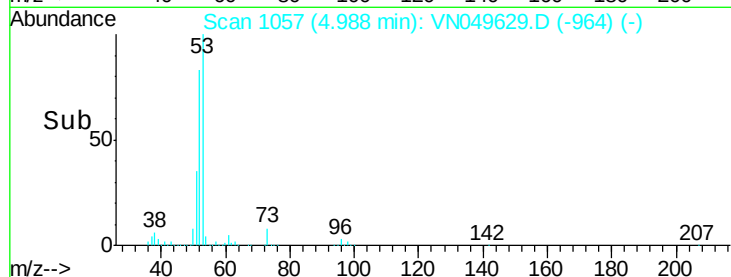
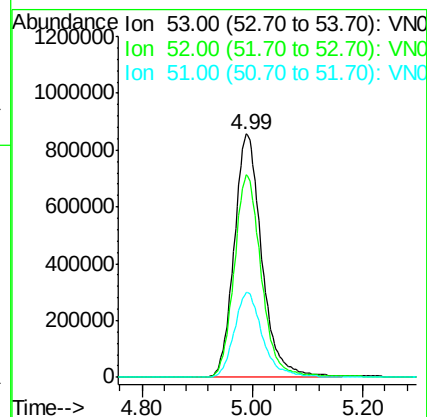
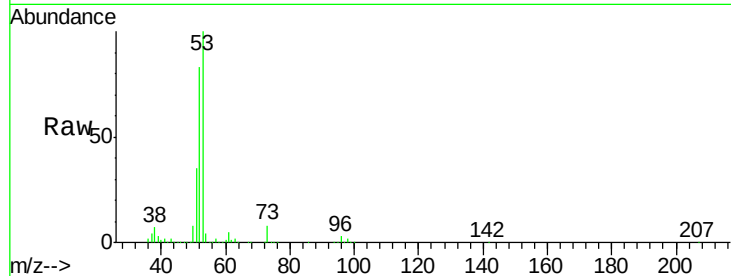
52 81.6 64.8 97.2

51 35.6 28.9 43.3

Manual Integrations
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#16

Acetone

Concen: 422.50 ug/l

RT: 3.82 min Scan# 693

Delta R.T. -0.00 min

Lab File: VN049629.D

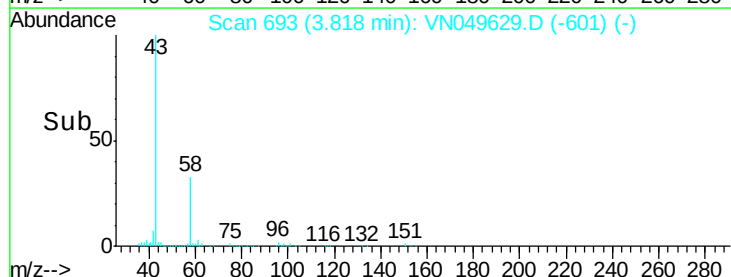
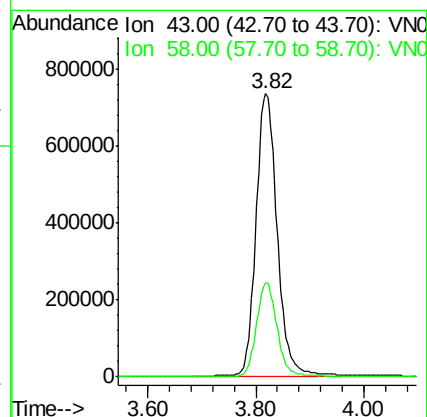
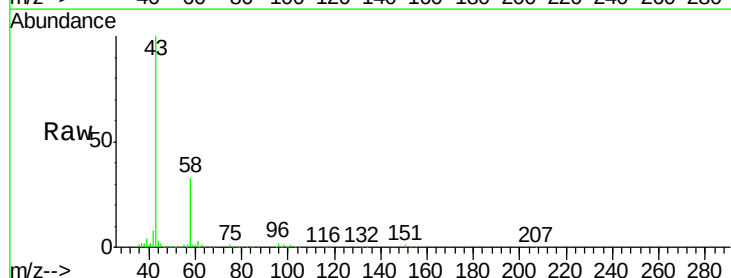
Acq: 29 Jun 2018 12:36

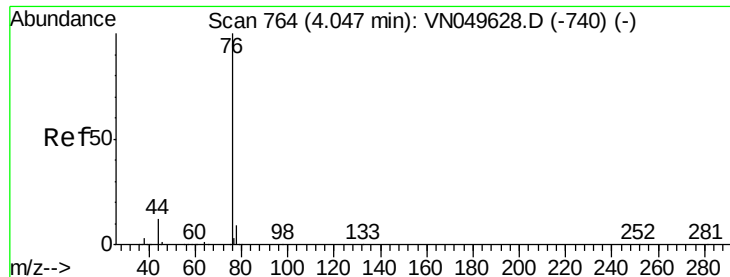
Tgt Ion: 43 Resp: 2015747

Ion Ratio Lower Upper

43 100

58 33.3 25.9 38.9





#17

Carbon Disulfide

Concen: 94.38 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tot Ion: 76 Resp: 4901534

Ion Ratio Lower Upper

76 100

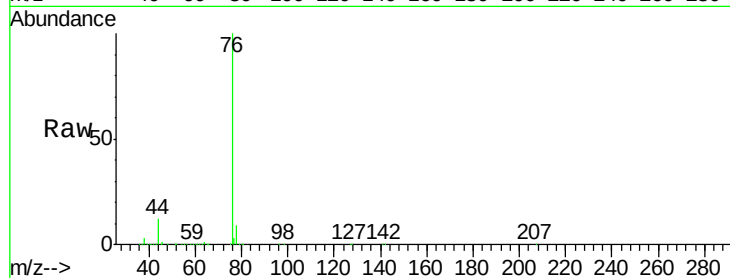
78 9.2 7.1 10.7

Manual Integrations

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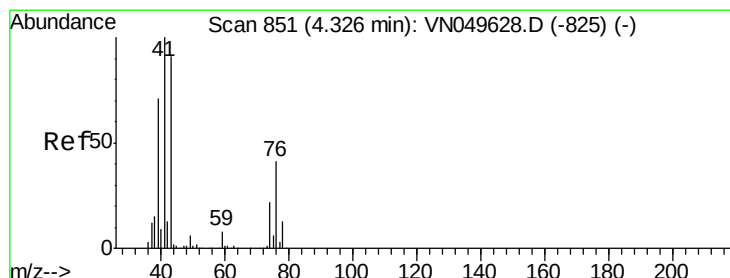
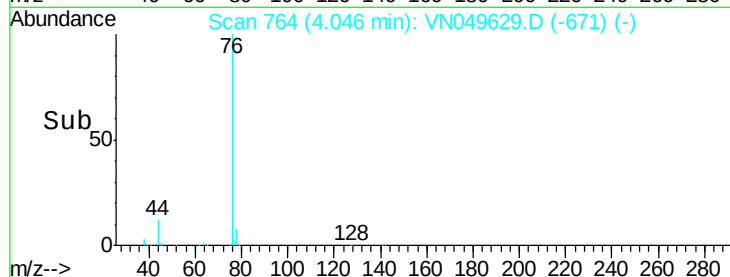
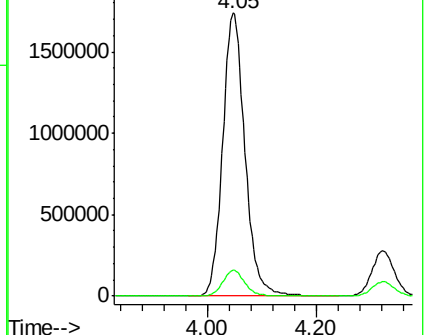
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VN049628.D (-740) (-)

Ion 77.90 (77.60 to 78.60): VN049628.D (-740) (-)



#18

Methyl Acetate

Concen: 57.64 ug/l

RT: 4.33 min Scan# 851

Delta R.T. -0.00 min

Lab File: VN049629.D

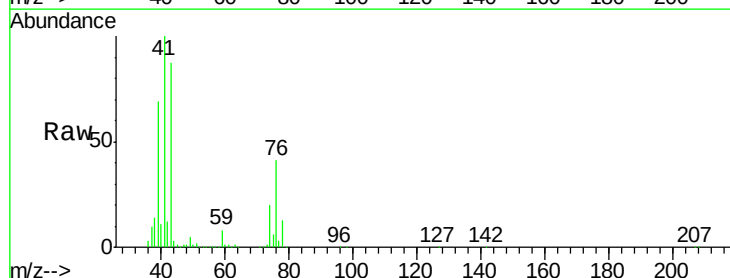
Acq: 29 Jun 2018 12:36

Tgt Ion: 43 Resp: 1673191

Ion Ratio Lower Upper

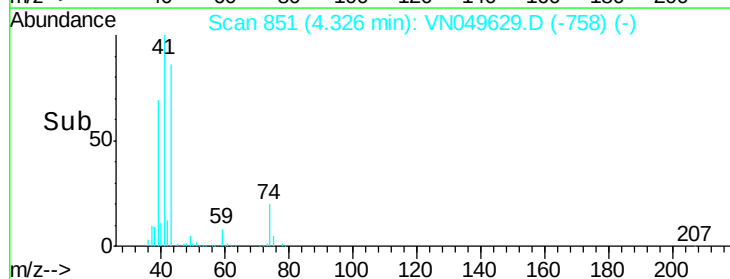
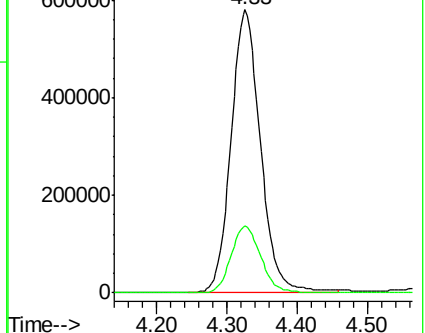
43 100

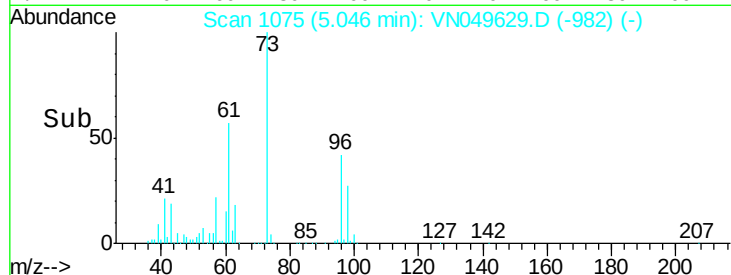
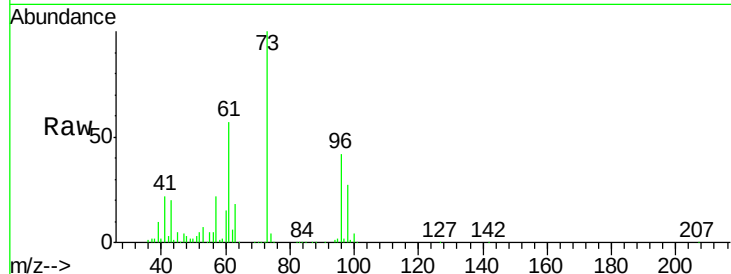
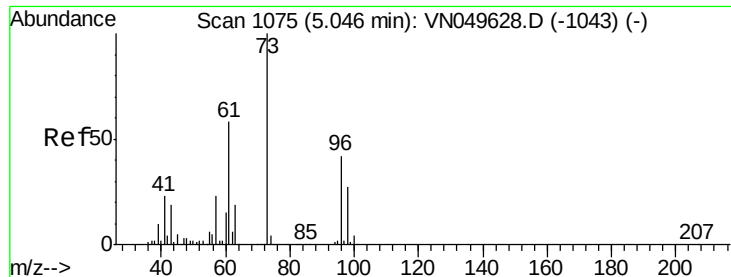
74 24.0 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN049629.D (-758) (-)

Ion 74.00 (73.70 to 74.70): VN049629.D (-758) (-)





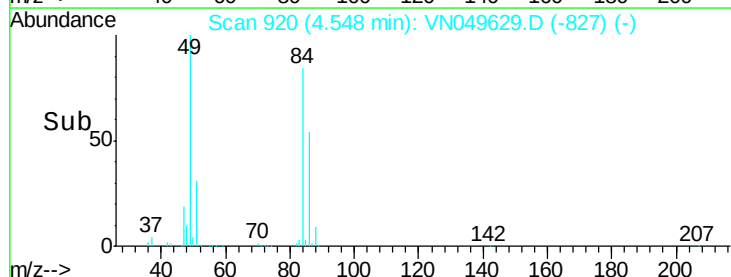
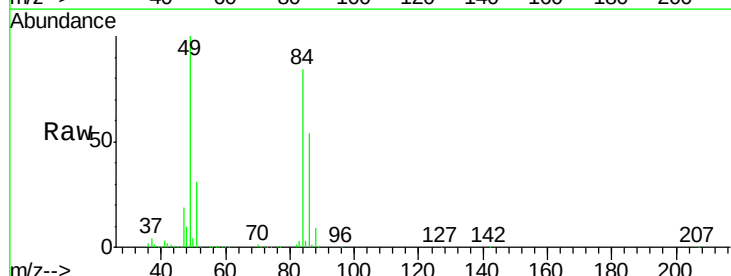
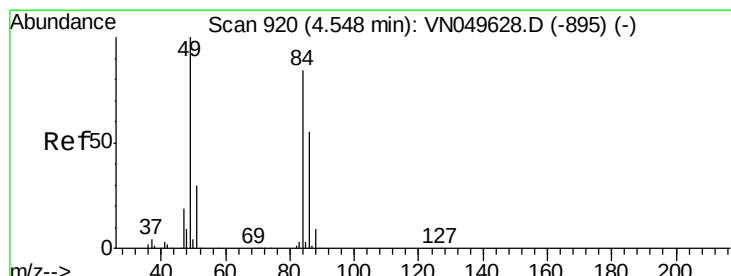
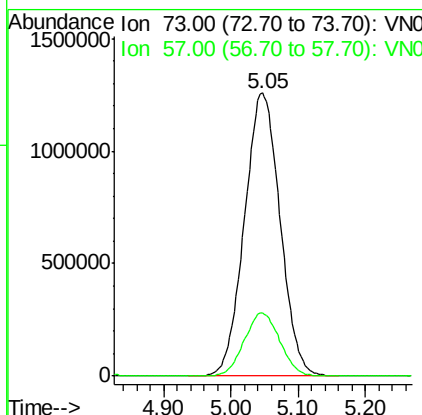
#19
Methyl tert-butyl Ether
Concen: 104.84 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VN049629.D
Acq: 29 Jun 2018 12:36

Tot Ion: 73 Resp: 4630447
Ion Ratio Lower Upper
73 100
57 22.4 18.1 27.1

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

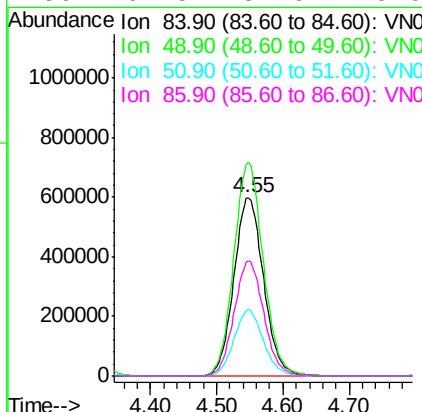
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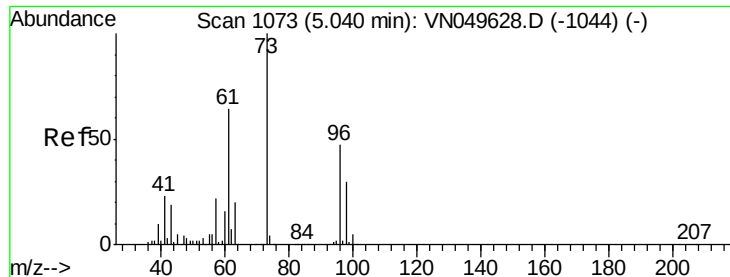
apatel
7/2/2018 2:19:37 PM



#20
Methylene Chloride
Concen: 93.91 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049629.D
Acq: 29 Jun 2018 12:36

Tgt Ion: 84 Resp: 1862819
Ion Ratio Lower Upper
84 100
49 119.7 95.4 143.2
51 37.2 28.4 42.6
86 64.5 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 101.23 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 96 Resp: 1784933

Ion Ratio Lower Upper

96 100

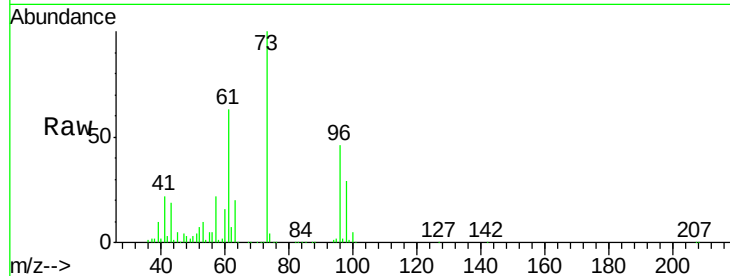
61 138.5 109.0 163.6

98 63.7 51.1 76.7

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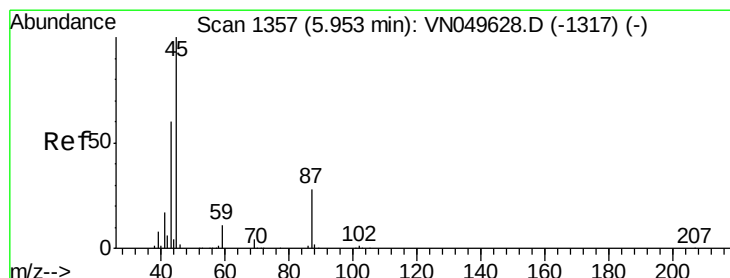
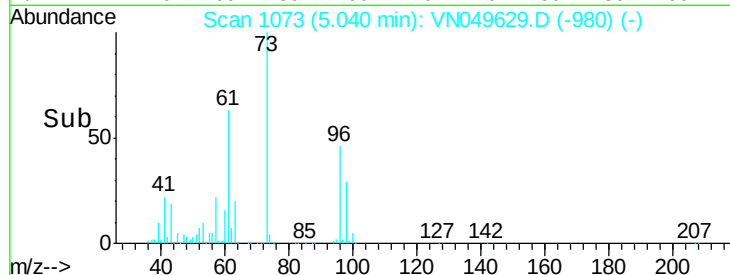
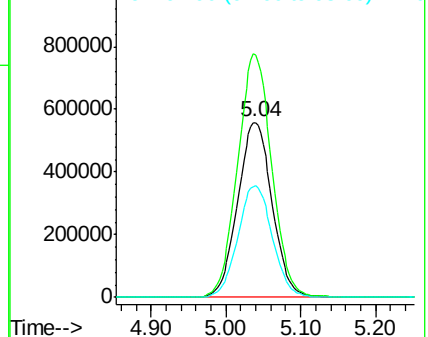


Abundance

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: 106.53 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Tgt Ion: 45 Resp: 5672044

Ion Ratio Lower Upper

45 100

43 57.7 48.1 72.1

87 28.0 22.6 34.0

59 11.8 9.2 13.8

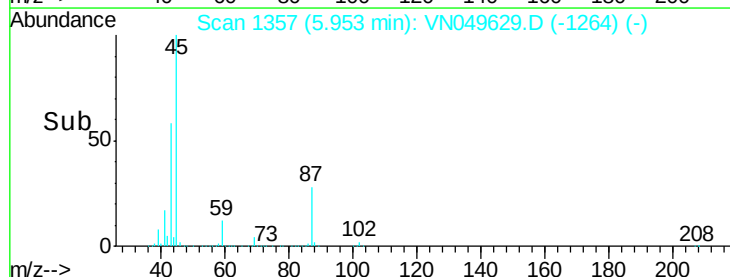
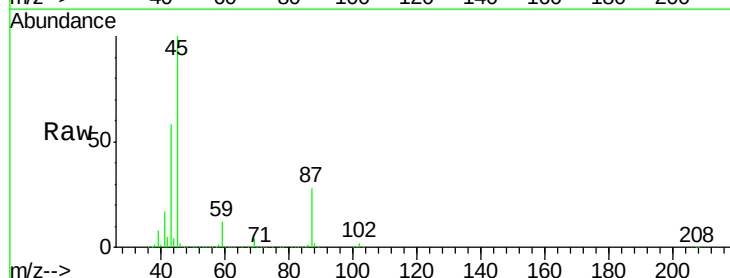
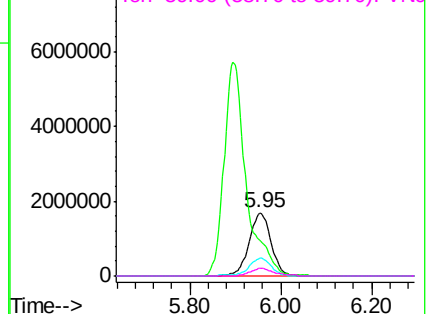
Abundance

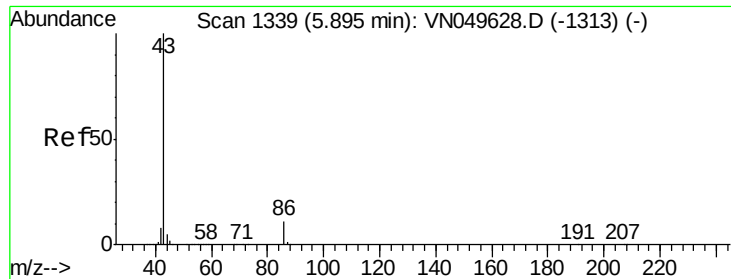
Ion 45.00 (44.70 to 45.70): VNC

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: 562.20 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp:19411247

Ion Ratio Lower Upper

43 100

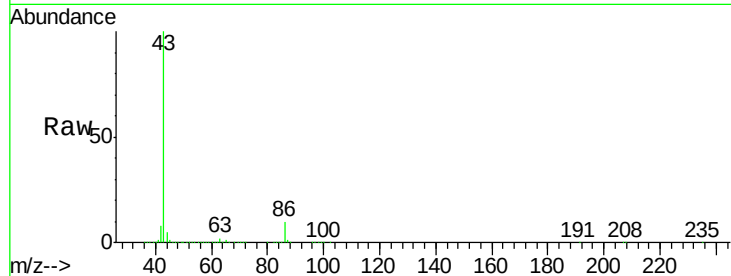
86 10.4 8.4 12.6

Manual Integrations

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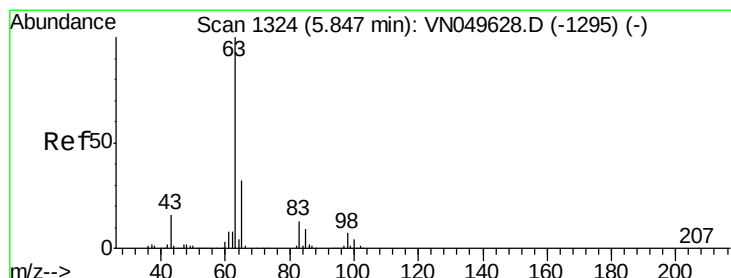
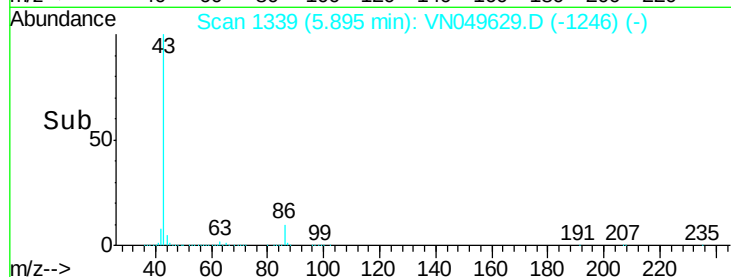
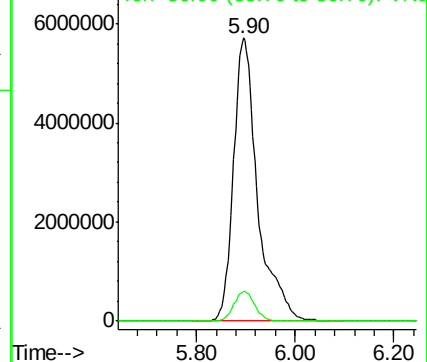
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 99.07 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

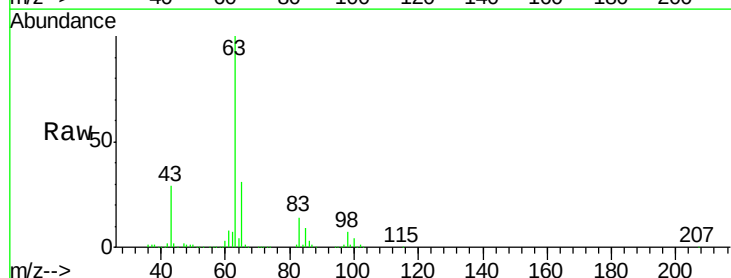
Tgt Ion: 63 Resp: 3323043

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

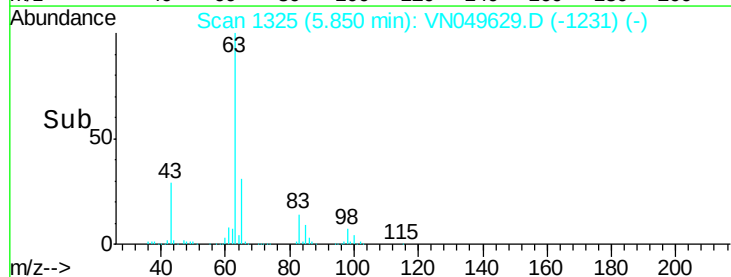
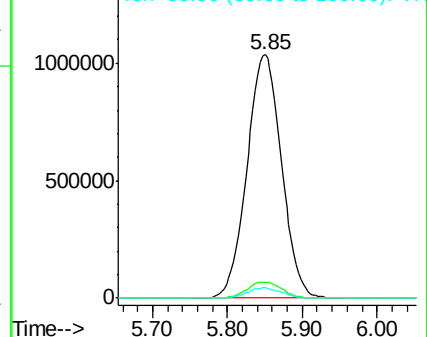
100 4.2 2.2 6.6

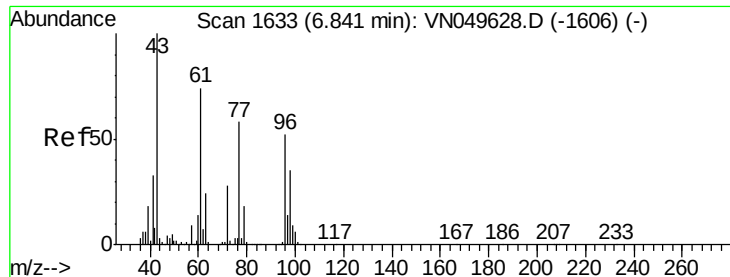


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 523.03 ug/l

RT: 6.84 min Scan# 1632

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 3344699

Ion Ratio Lower Upper

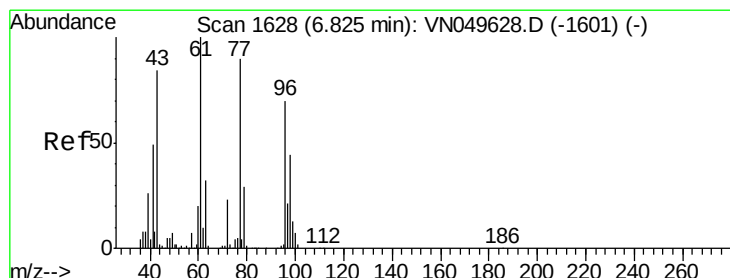
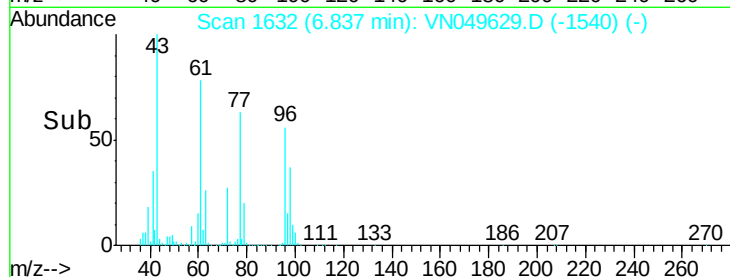
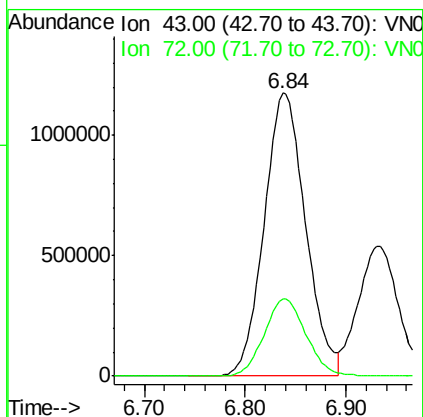
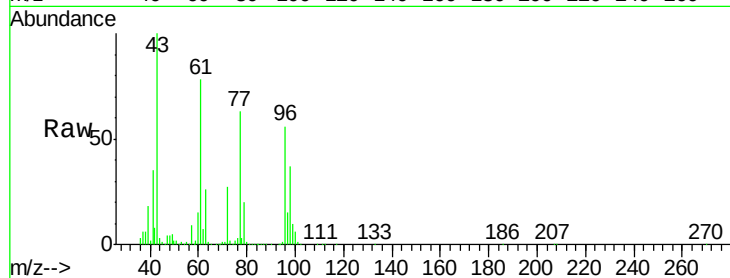
43 100

72 27.1 22.1 33.1

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 99.65 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VN049629.D

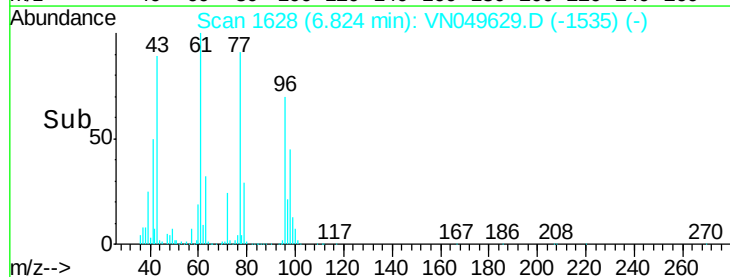
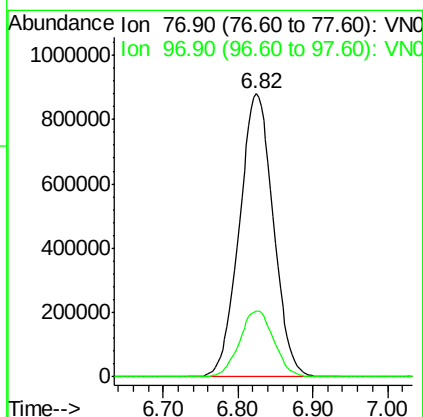
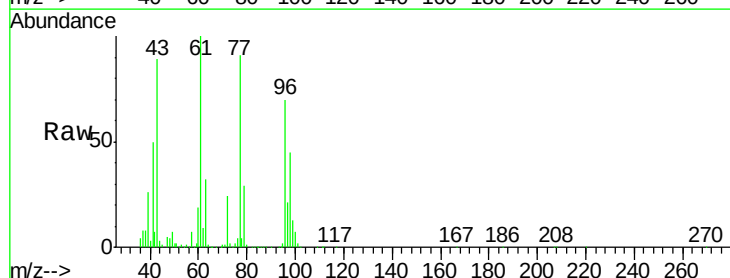
Acq: 29 Jun 2018 12:36

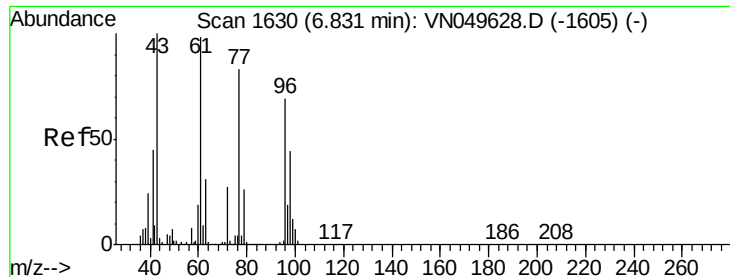
Tgt Ion: 77 Resp: 2776147

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 103.95 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 96 Resp: 2047344

Ion Ratio Lower Upper

96 100

61 143.5 0.0 289.0

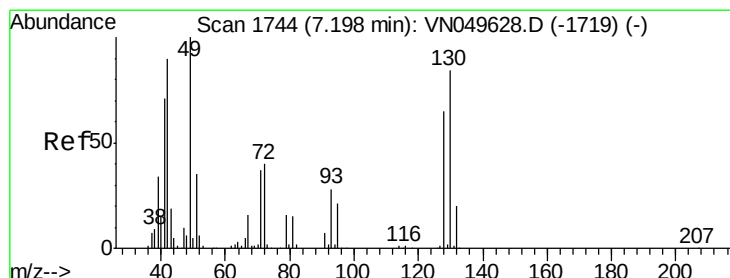
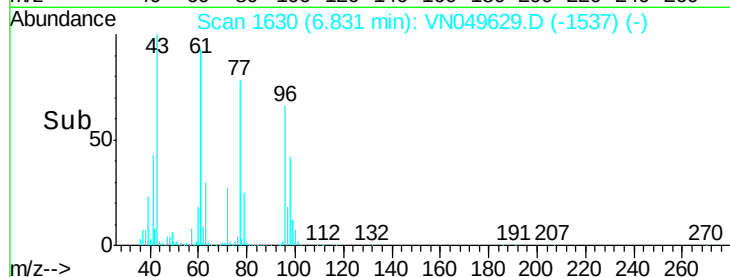
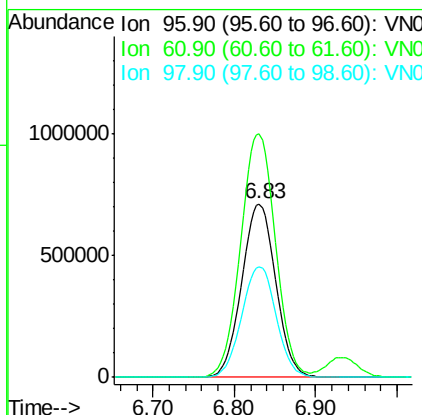
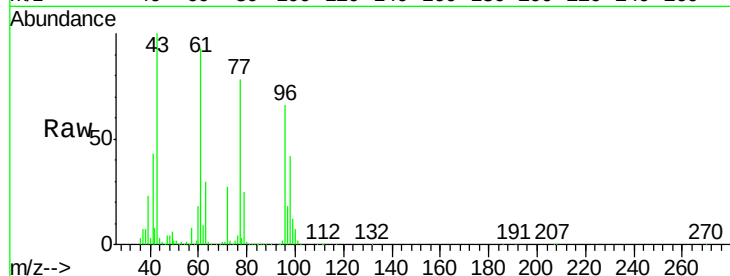
98 64.9 0.0 130.2

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#28

Bromochloromethane

Concen: 100.02 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

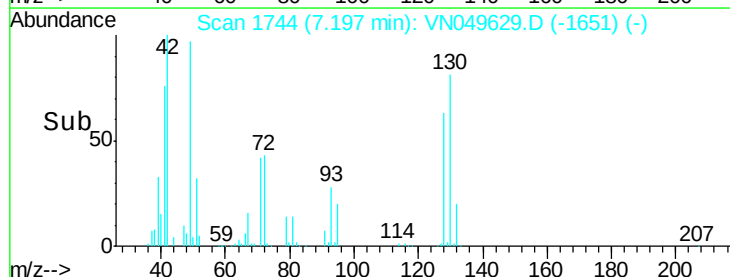
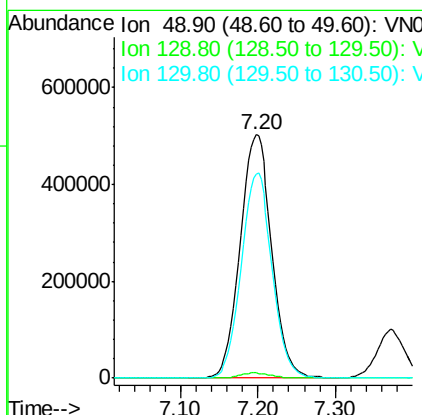
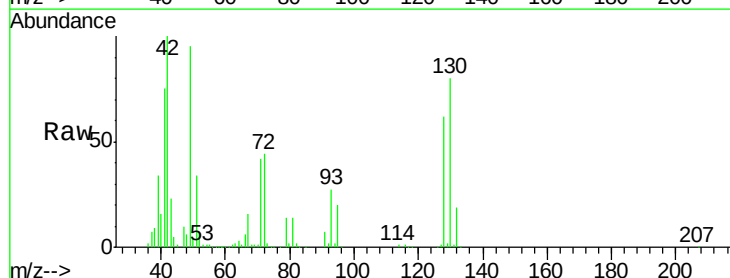
Tgt Ion: 49 Resp: 1423936

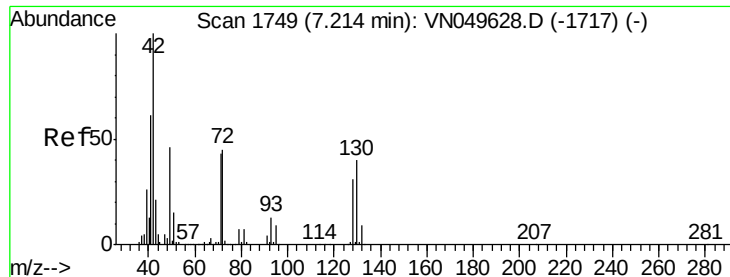
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 82.5 65.5 98.3





#29

Tetrahydrofuran

Concen: 543.24 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 42 Resp: 2214184

Ion Ratio Lower Upper

42 100

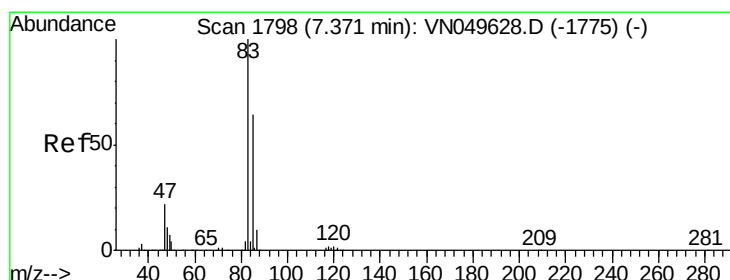
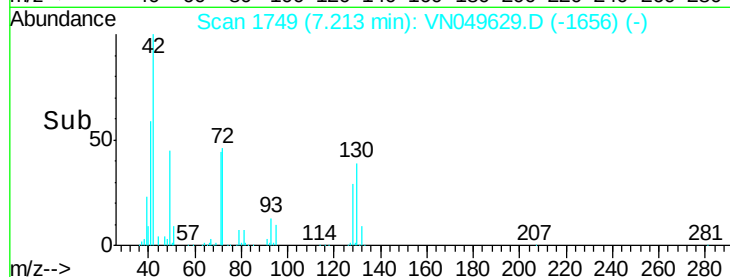
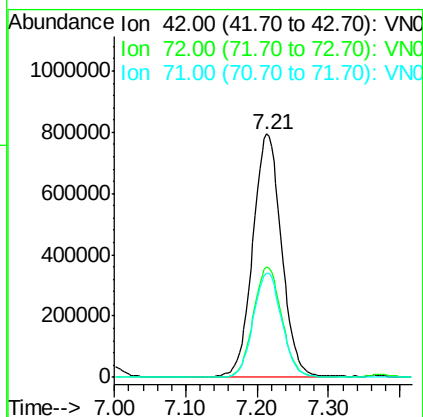
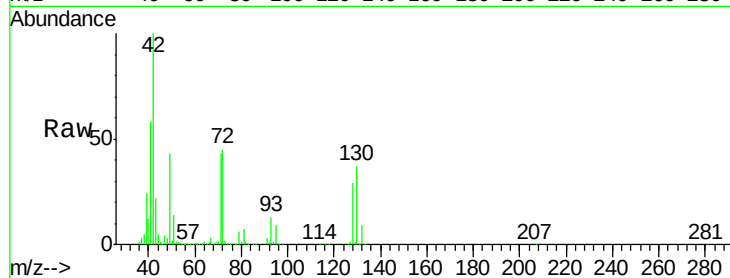
72 44.8 35.6 53.4

71 42.5 34.0 51.0

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7/2/2018 2:19:37 PM



#30

Chloroform

Concen: 98.75 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN049629.D

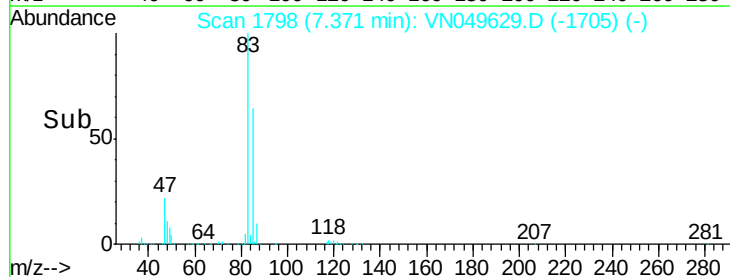
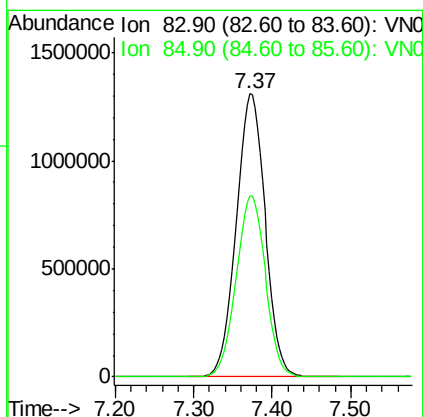
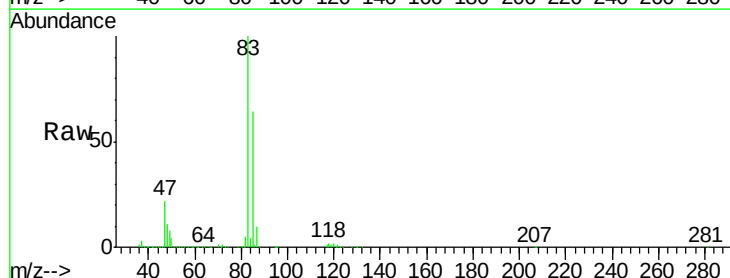
Acq: 29 Jun 2018 12:36

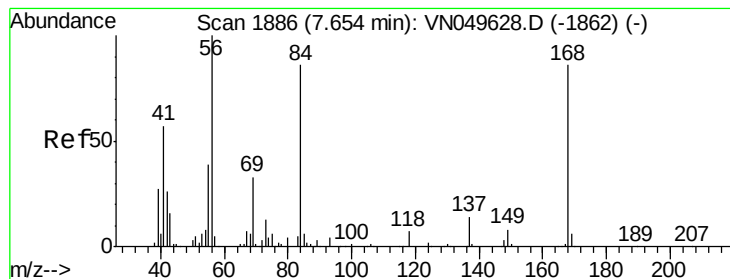
Tgt Ion: 83 Resp: 3376324

Ion Ratio Lower Upper

83 100

85 64.0 51.4 77.2





#31

Cyclohexane

Concen: 90.62 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 2993049

Ion Ratio Lower Upper

56 100

69 31.8 26.6 40.0

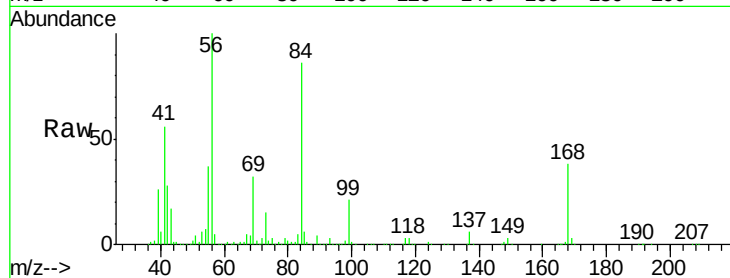
84 84.9 69.0 103.6

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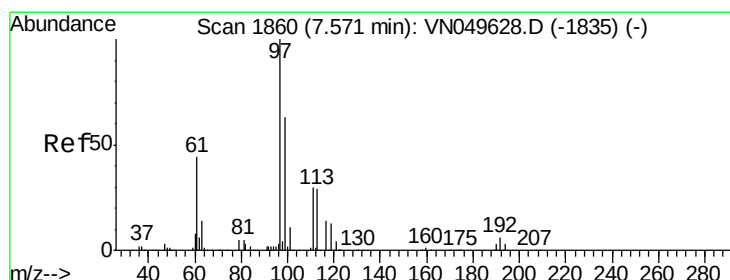
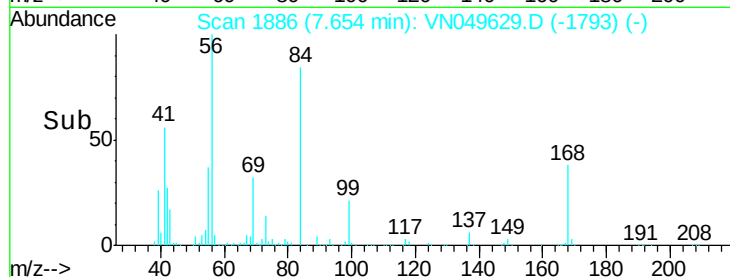
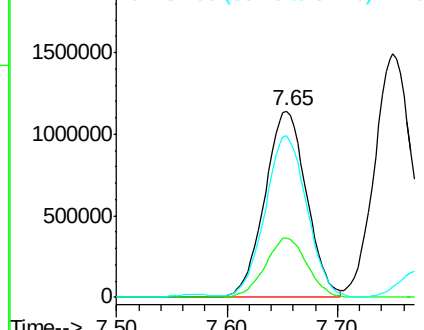
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Abundance Ion 56.00 (55.70 to 56.70): VN049629.D (-1793) (-)

Ion 69.00 (68.70 to 69.70): VN049629.D (-1793) (-)

Ion 84.00 (83.70 to 84.70): VN049629.D (-1793) (-)



#32

1,1,1-Trichloroethane

Concen: 100.53 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

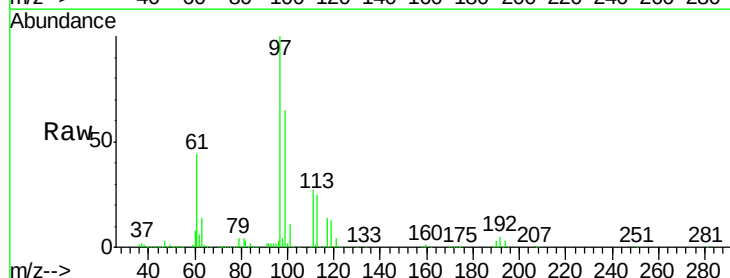
Tgt Ion: 97 Resp: 2910109

Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

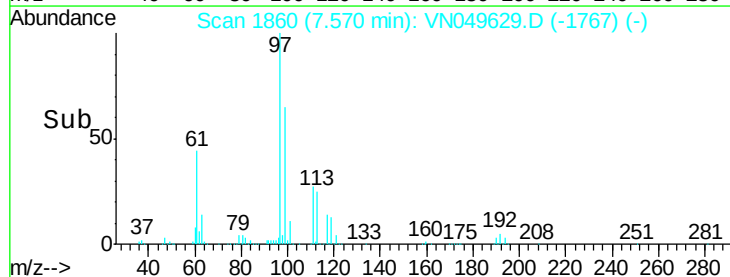
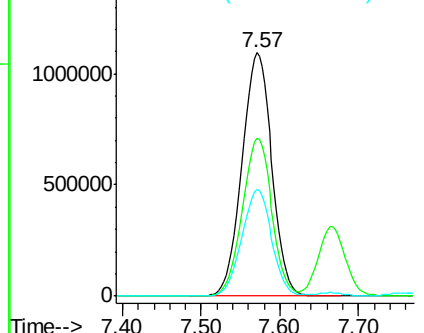
61 43.7 35.5 53.3

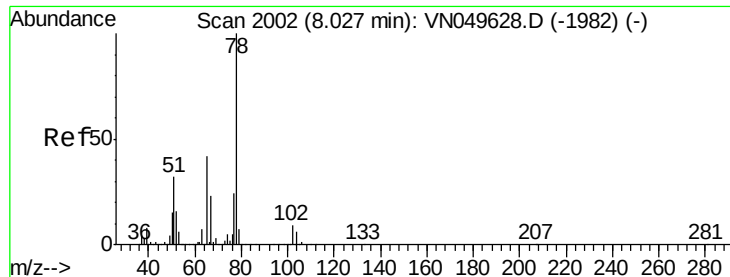


Abundance Ion 96.90 (96.60 to 97.60): VN049629.D (-1767) (-)

Ion 98.90 (98.60 to 99.60): VN049629.D (-1767) (-)

Ion 60.90 (60.60 to 61.60): VN049629.D (-1767) (-)





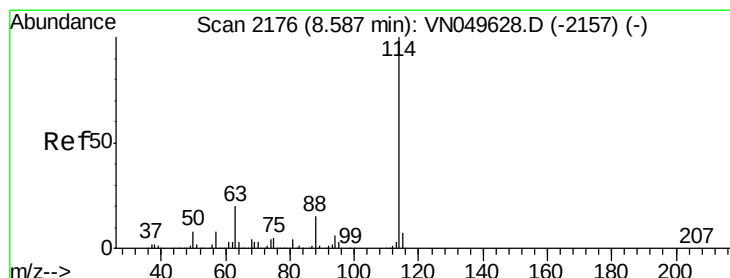
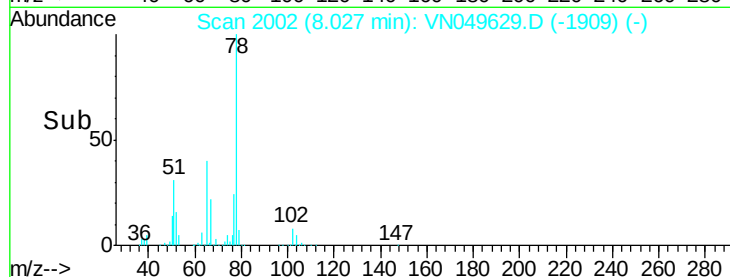
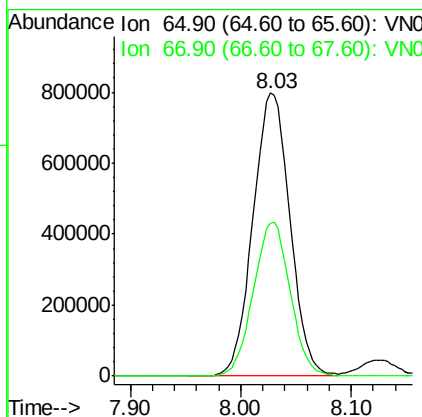
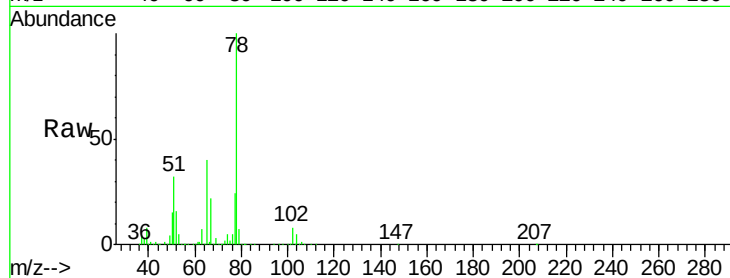
#33
 1,2-Dichloroethane-d4
 Concen: 96.35 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN049629.D
 Acq: 29 Jun 2018 12:36

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

Tot Ion: 65 Resp: 1855948
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.2

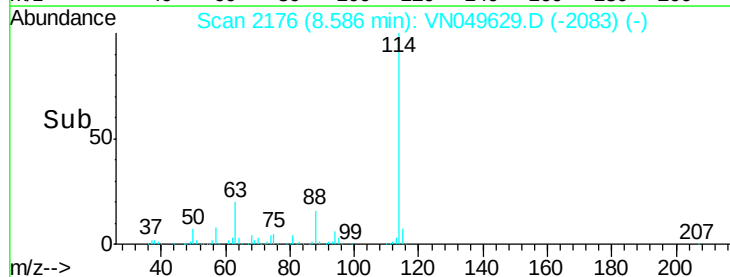
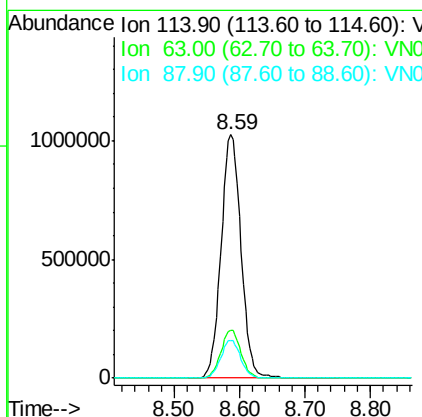
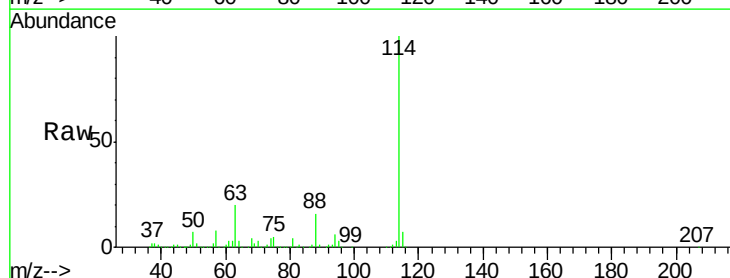
Manual Integrations
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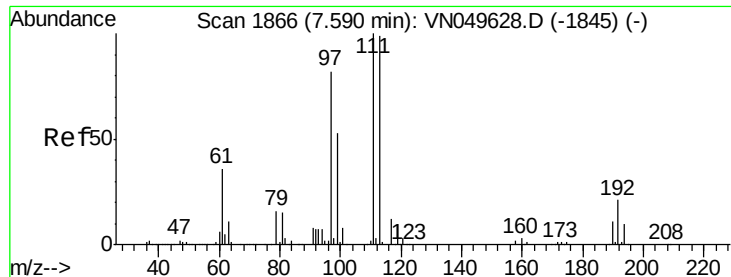
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049629.D
 Acq: 29 Jun 2018 12:36

Tgt Ion: 114 Resp: 2174705
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.6 0.0 30.6





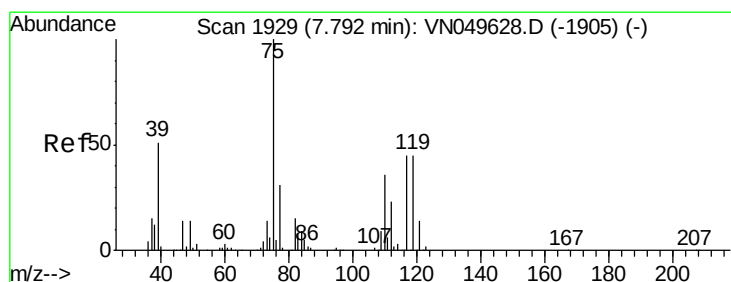
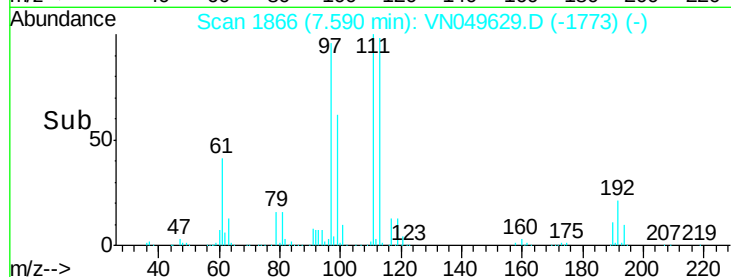
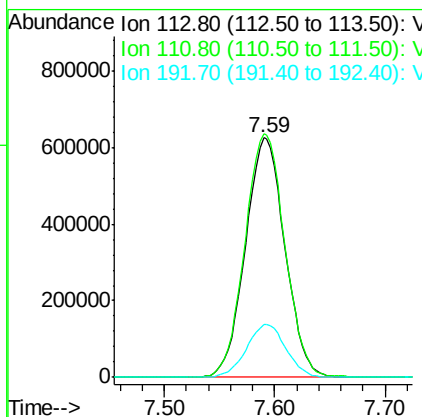
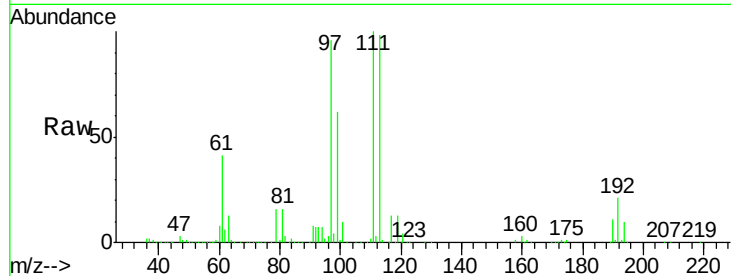
#35
 Dibromofluoromethane
 Concen: 95.28 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049629.D
 Acq: 29 Jun 2018 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.8
192	22.2	17.8	26.6

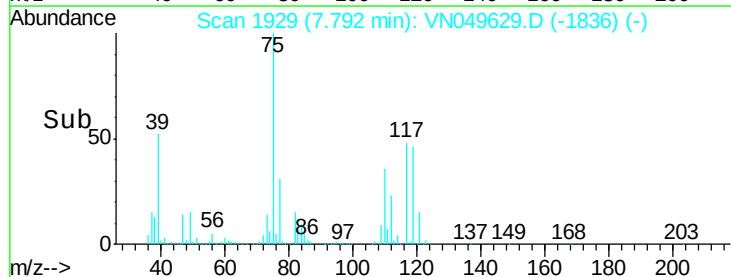
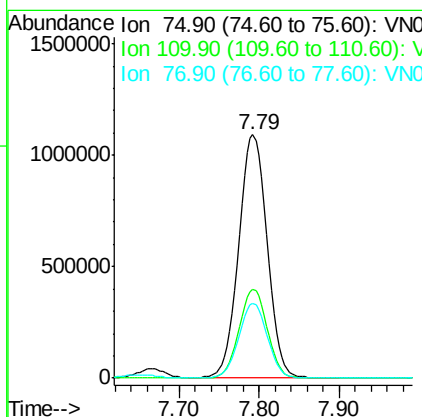
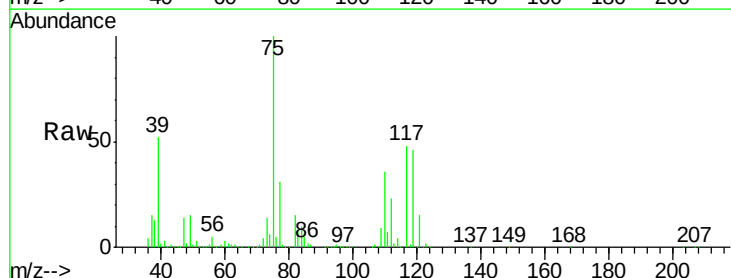
Manual Integrations
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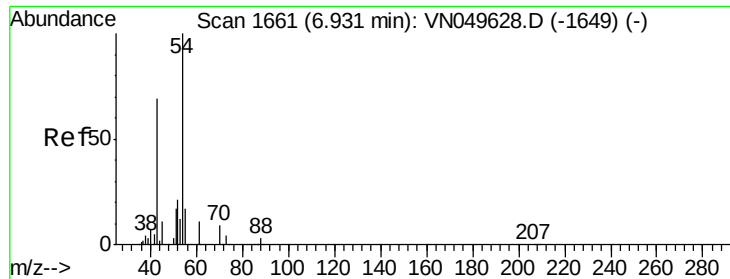
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#36
 1,1-Dichloropropene
 Concen: 106.69 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: VN049629.D
 Acq: 29 Jun 2018 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.1	54.4
77	30.9	24.9	37.3





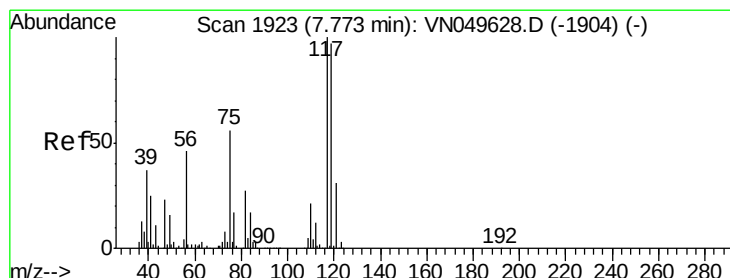
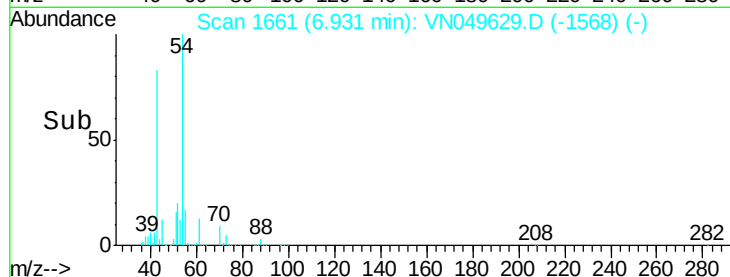
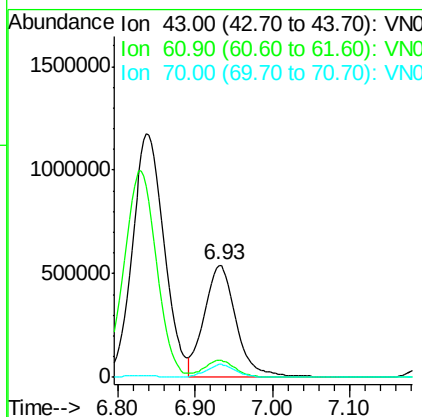
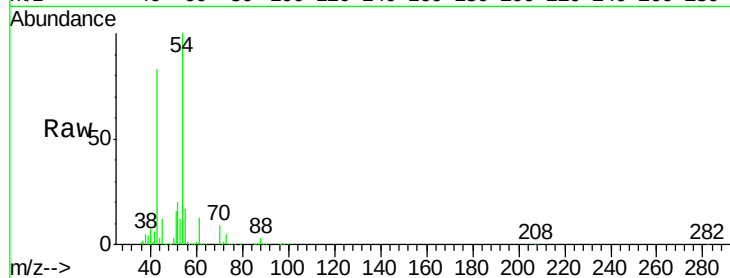
#37
Ethyl Acetate
Concen: 108.61 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VN049629.D
Acq: 29 Jun 2018 12:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	43	Resp	1549985
Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.7	17.5
70	10.5	8.4	12.6

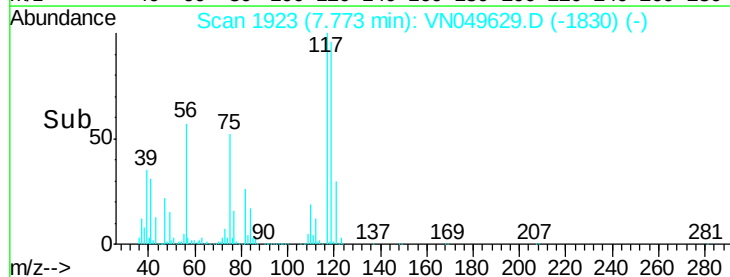
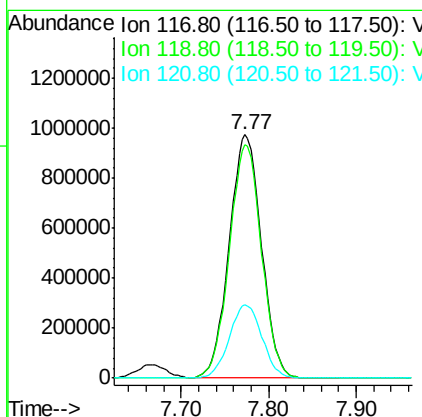
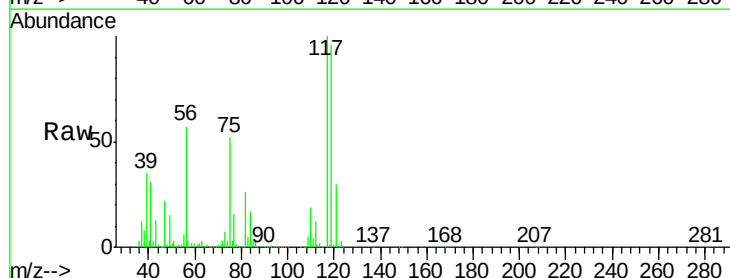
Manual Integrations
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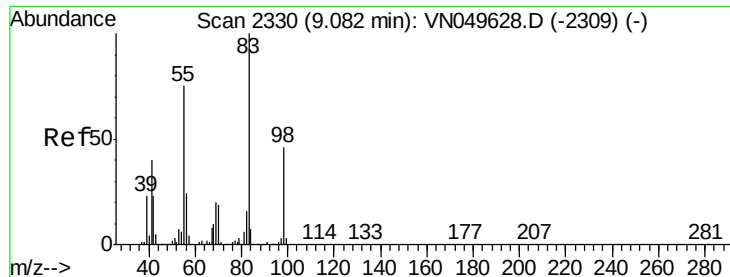
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#38
Carbon Tetrachloride
Concen: 104.54 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049629.D
Acq: 29 Jun 2018 12:36

Tgt Ion	117	Resp	2488194
Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.2	115.8
121	30.4	25.0	37.6





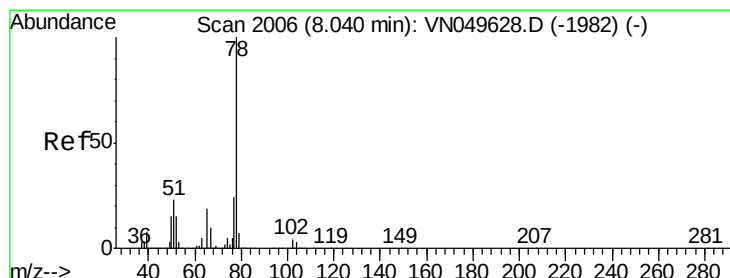
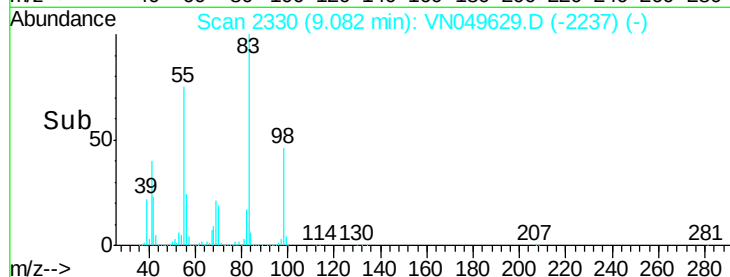
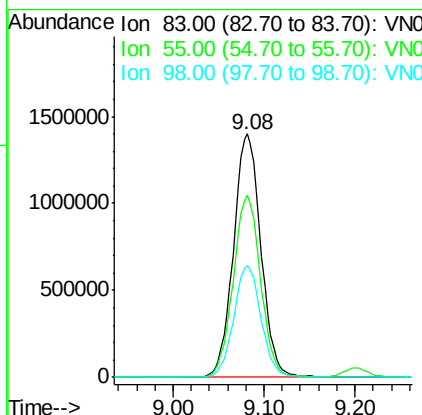
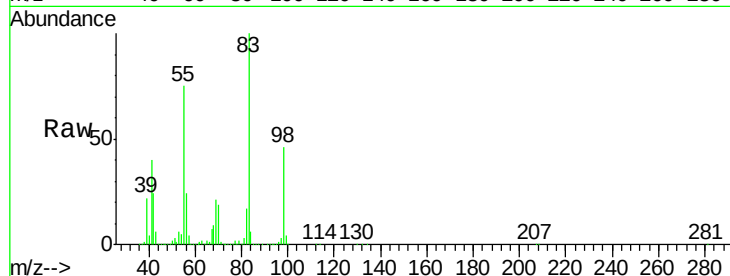
#39
Methvlcvclohexane
Concen: 109.09 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN049629.D
Acq: 29 Jun 2018 12:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	83	Resp	2926303
Ion	Ratio	Lower	Upper
83	100		
55	74.6	59.7	89.5
98	46.1	36.5	54.7

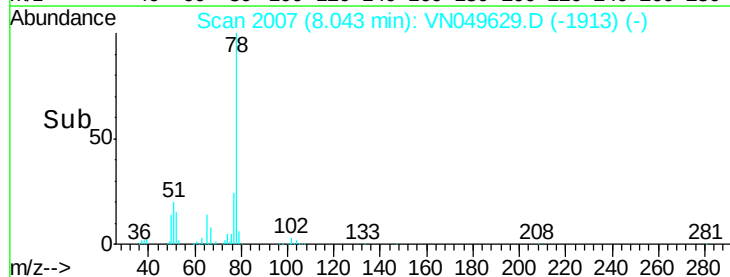
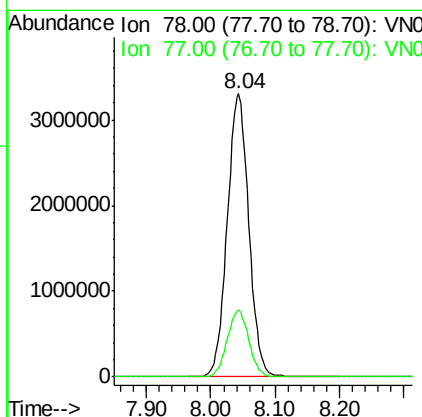
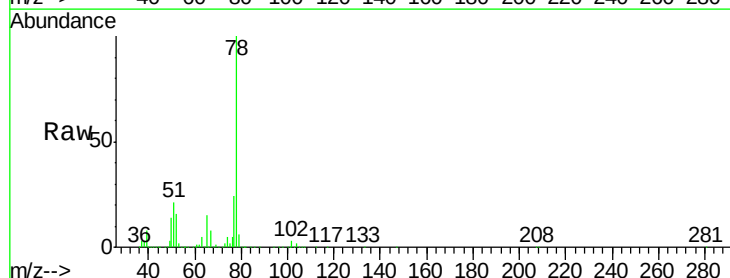
Manual Integrations
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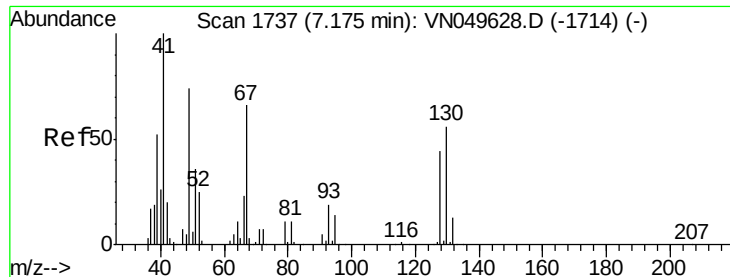
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#40
Benzene
Concen: 102.56 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049629.D
Acq: 29 Jun 2018 12:36

Tgt Ion	78	Resp	7662250
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4





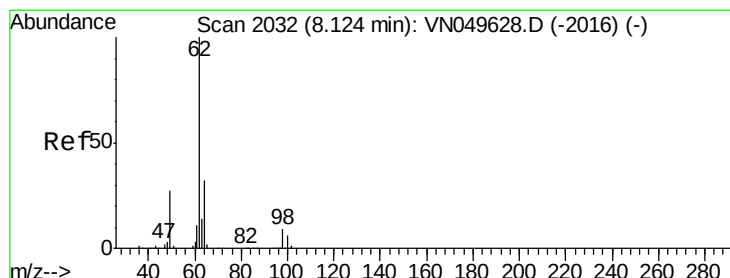
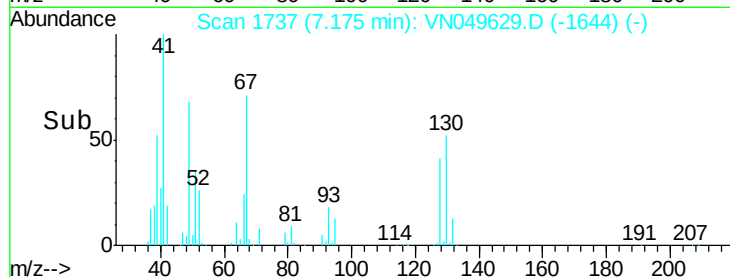
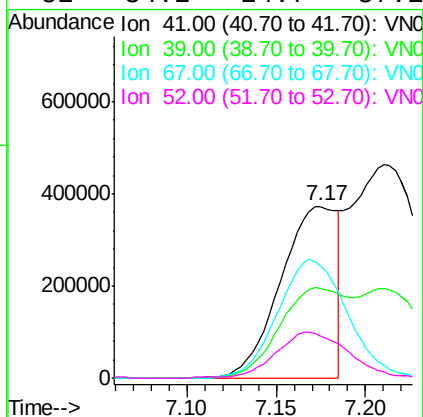
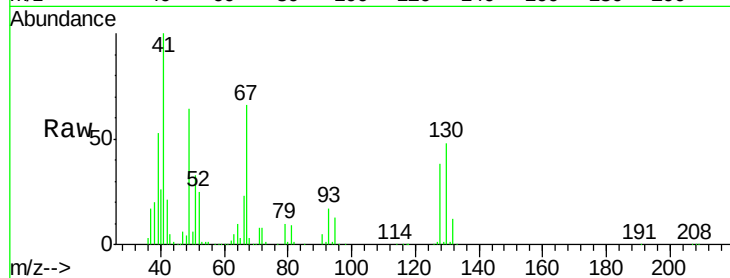
#41
Methacrylonitrile
Concen: 107.20 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN049629.D
Acq: 29 Jun 2018 12:36

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	65.7	45.4	68.2	
67	86.2	65.4	98.0	
52	34.2	24.7	37.1	

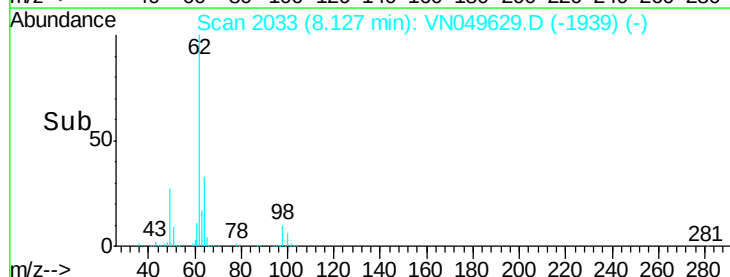
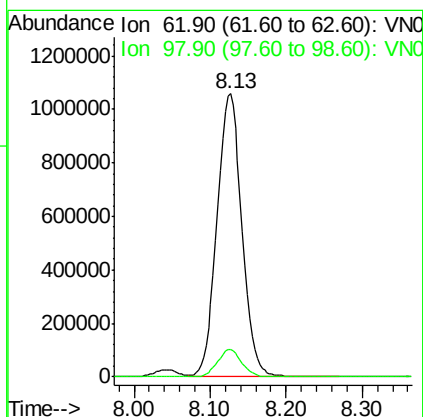
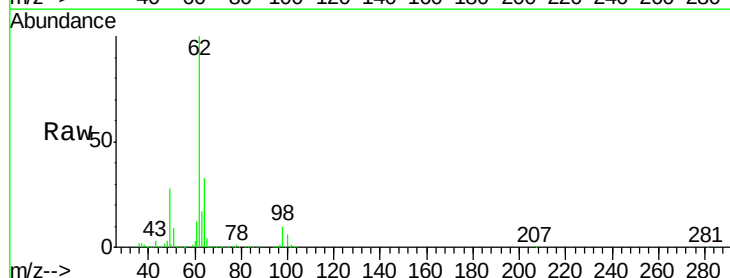
Manual Integrations
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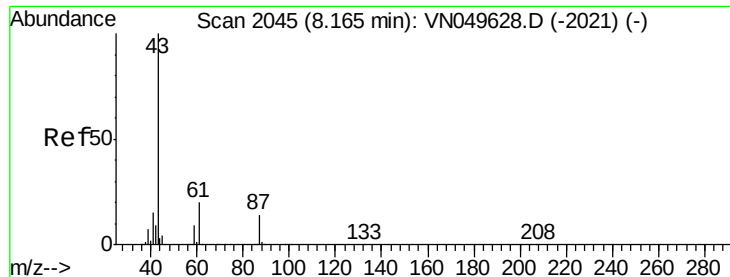
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#42
1,2-Dichloroethane
Concen: 100.76 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049629.D
Acq: 29 Jun 2018 12:36

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	0.0	19.0	





#43

Isopropyl Acetate

Concen: 86.06 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 2901752

Ion Ratio Lower Upper

43 100

61 20.3 14.9 22.3

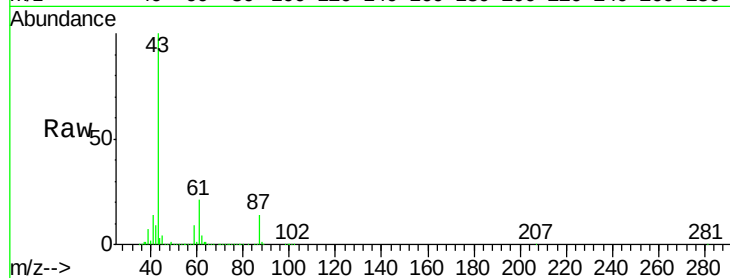
87 13.5 10.0 15.0

Manual Integrations

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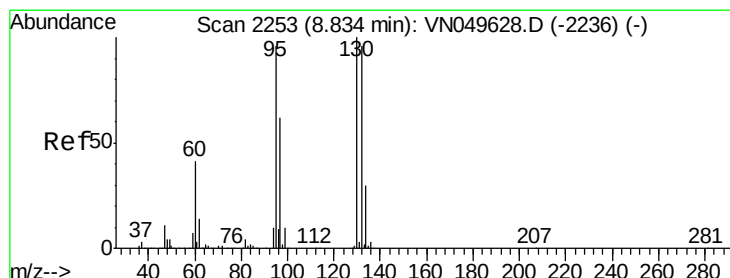
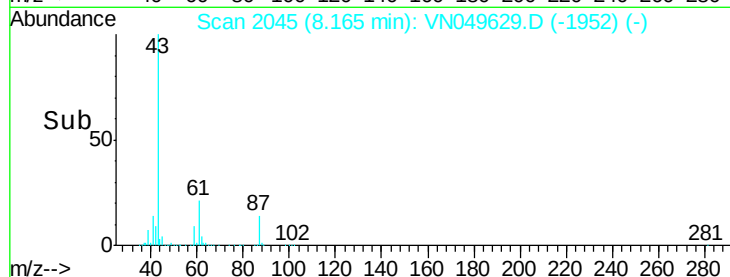
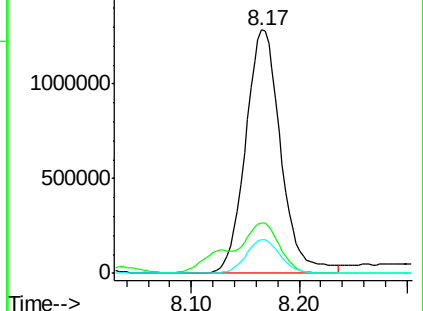
7/2/2018 2:19:37 PM



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-2021) (-)

Ion 61.00 (60.70 to 61.70): VN049628.D (-2021) (-)

Ion 87.00 (86.70 to 87.70): VN049628.D (-2021) (-)



#44

Trichloroethene

Concen: 99.93 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049629.D

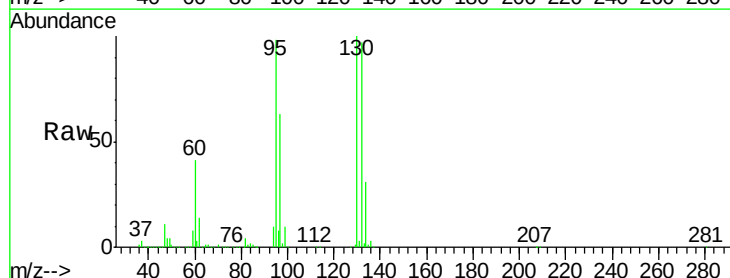
Acq: 29 Jun 2018 12:36

Tgt Ion:130 Resp: 2251447

Ion Ratio Lower Upper

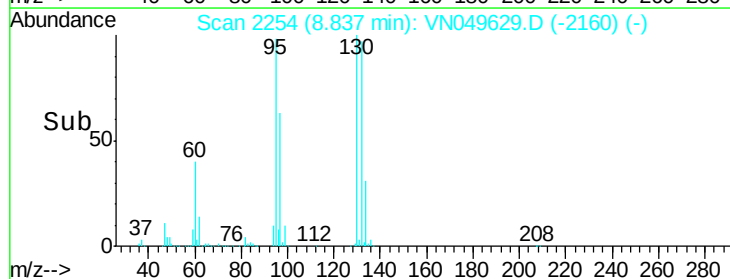
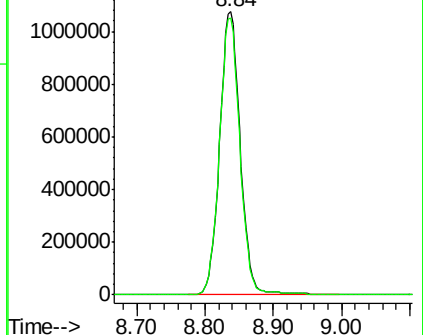
130 100

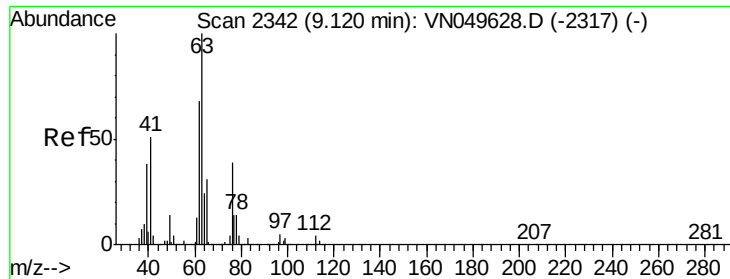
95 97.8 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VN049628.D (-2236) (-)

Ion 94.90 (94.60 to 95.60): VN049628.D (-2236) (-)





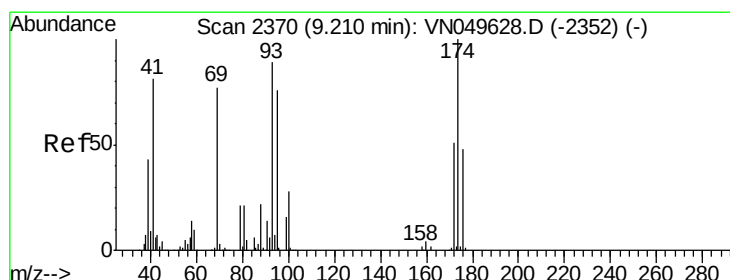
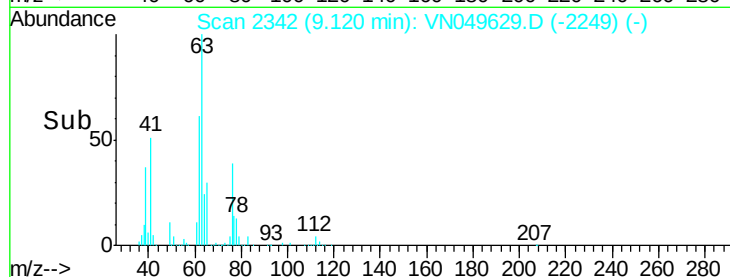
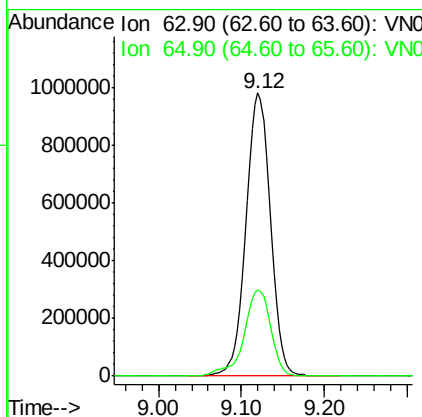
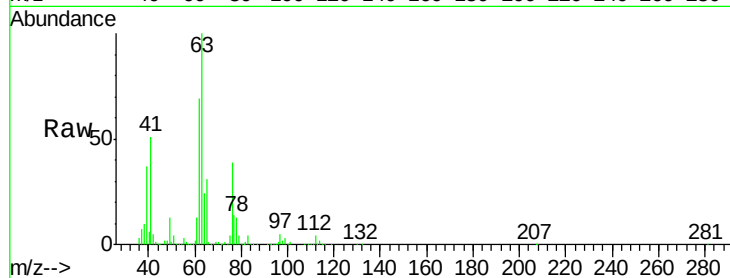
#45
 1,2-Dichloropropane
 Concen: 104.23 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN049629.D
 Acq: 29 Jun 2018 12:36

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

Tot Ion: 63 Resp: 2011795
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.7 37.1

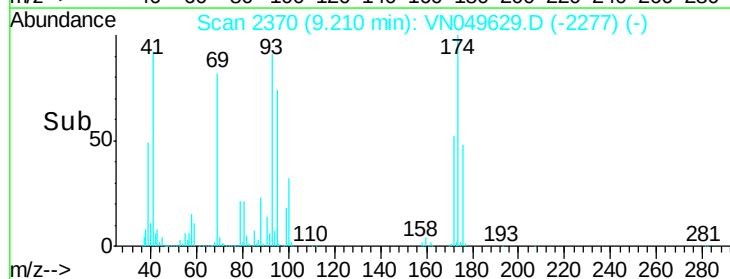
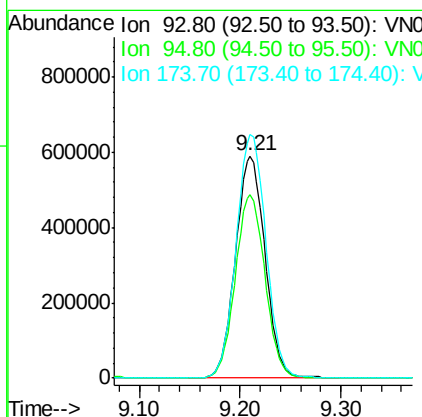
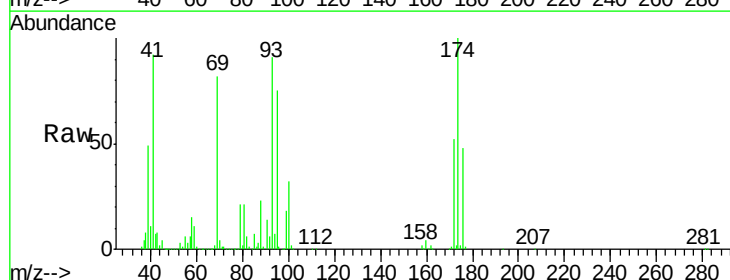
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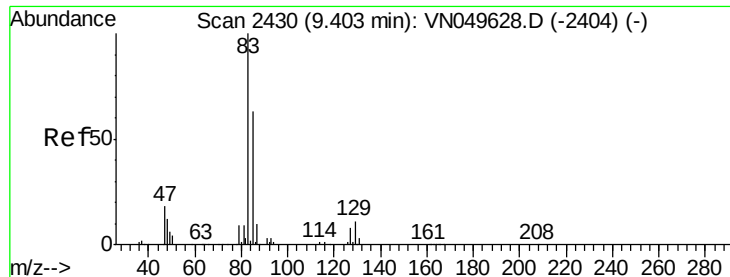
apatel
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#46
 Dibromomethane
 Concen: 103.14 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN049629.D
 Acq: 29 Jun 2018 12:36

Tgt Ion: 93 Resp: 1204370
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.9 101.9
 174 110.3 89.4 134.0





#47

Bromodichloromethane

Concen: 104.07 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 2587058

Ion Ratio Lower Upper

83 100

85 64.8 50.5 75.7

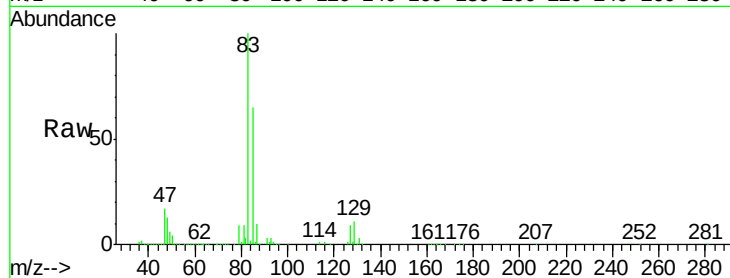
127 8.9 6.8 10.2

Manual Integrations

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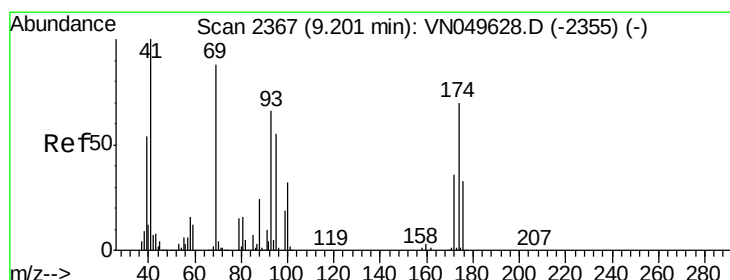
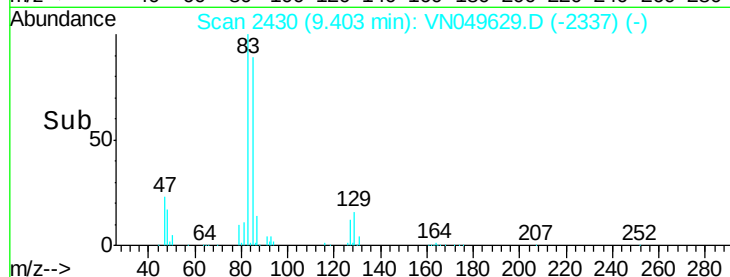


Abundance Ion 82.90 (82.60 to 83.60): VN049629.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049629.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049629.D (-2337) (-)

Time-->



#48

Methyl methacrylate

Concen: 110.16 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

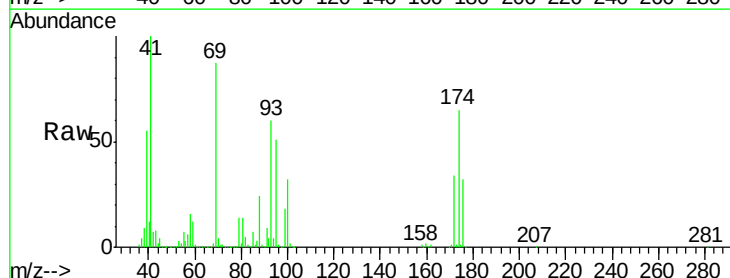
Tgt Ion: 41 Resp: 1396952

Ion Ratio Lower Upper

41 100

69 91.8 71.5 107.3

39 56.0 44.7 67.1

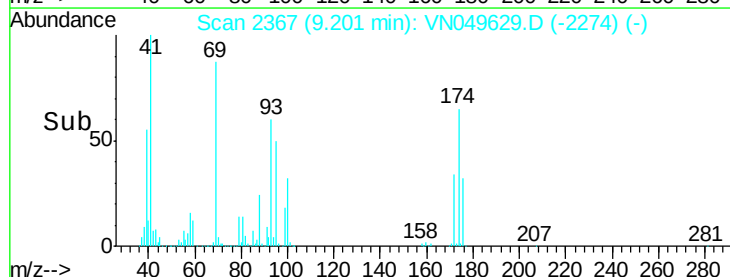


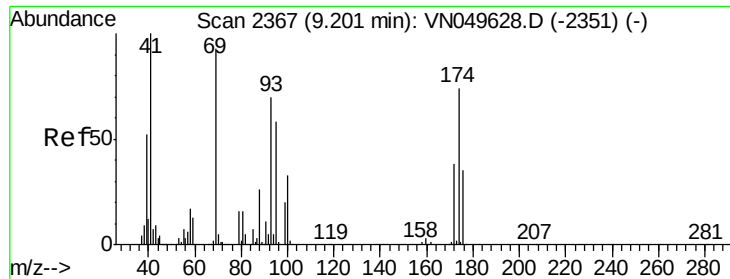
Abundance Ion 41.00 (40.70 to 41.70): VN049629.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049629.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049629.D (-2274) (-)

Time-->





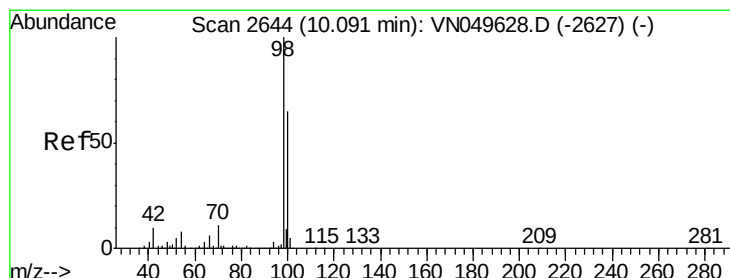
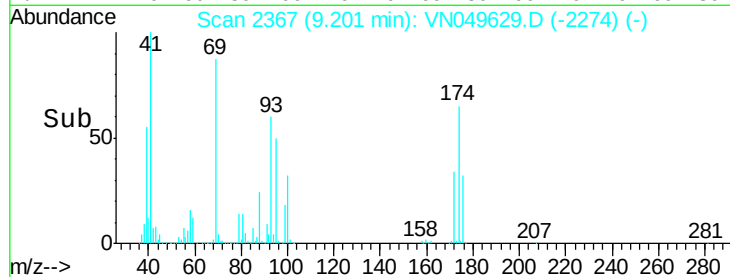
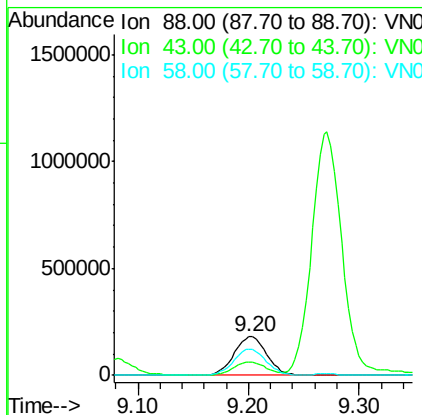
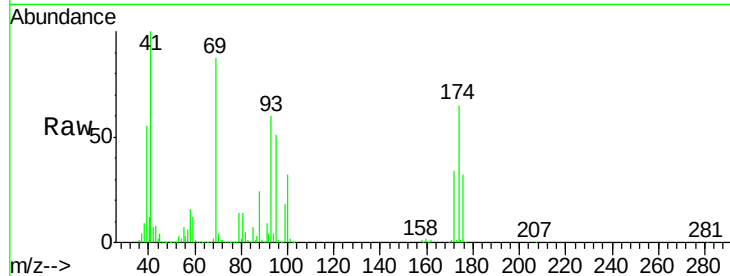
#49
1,4-Dioxane
Concen: 2190.44 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN049629.D
Acq: 29 Jun 2018 12:36

Instrument :
MSVOA_N
ClientSampled :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.0	25.1	37.7
58	67.4	52.5	78.7

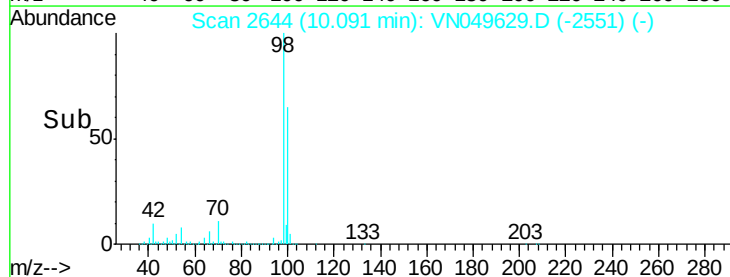
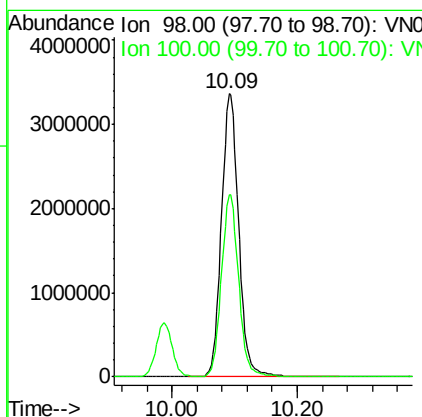
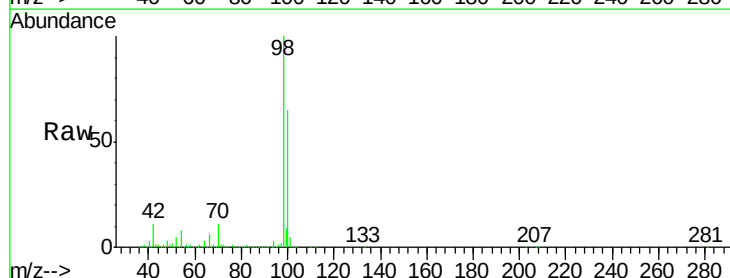
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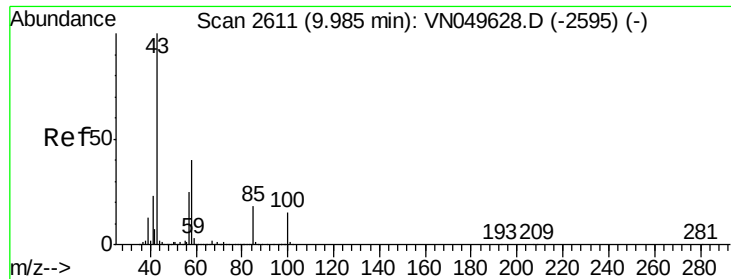
apatel
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#50
Toluene-d8
Concen: 100.68 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN049629.D
Acq: 29 Jun 2018 12:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.7	77.5





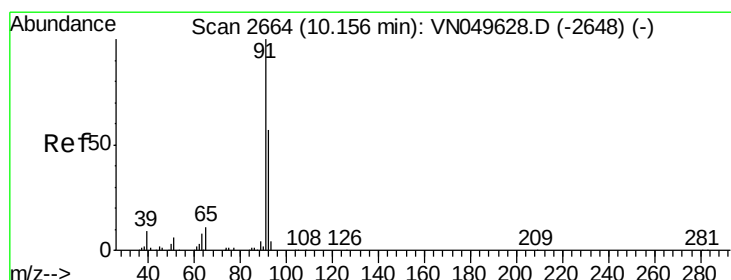
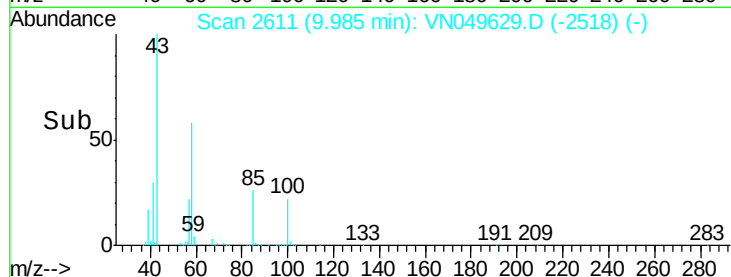
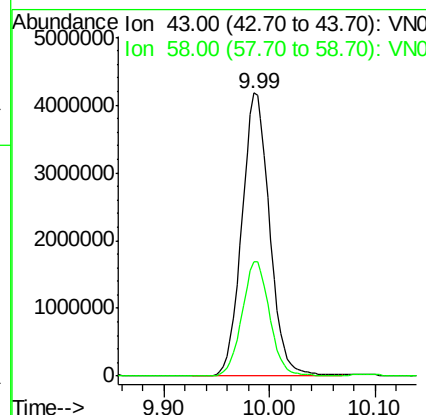
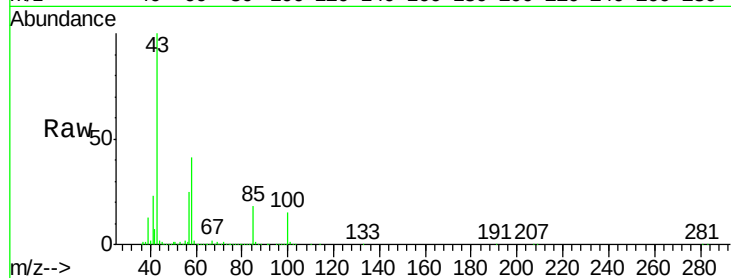
#51
4-Methyl-2-Pentanone
Concen: 544.41 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN049629.D
Acq: 29 Jun 2018 12:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 7617090
Ion Ratio Lower Upper
43 100
58 40.5 31.8 47.8

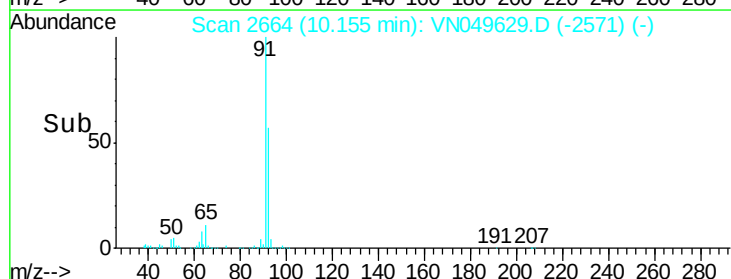
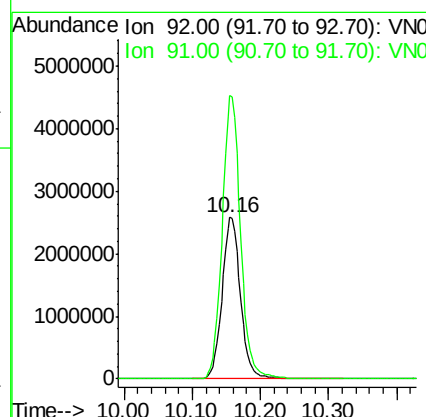
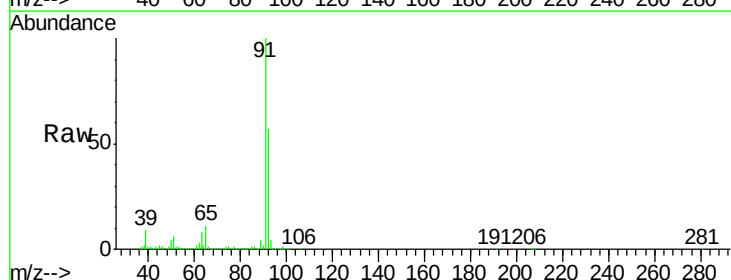
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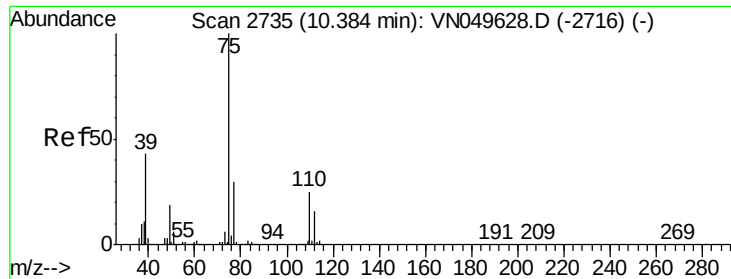
apatel
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#52
Toluene
Concen: 106.70 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN049629.D
Acq: 29 Jun 2018 12:36

Tgt Ion: 92 Resp: 4815700
Ion Ratio Lower Upper
92 100
91 175.5 140.1 210.1





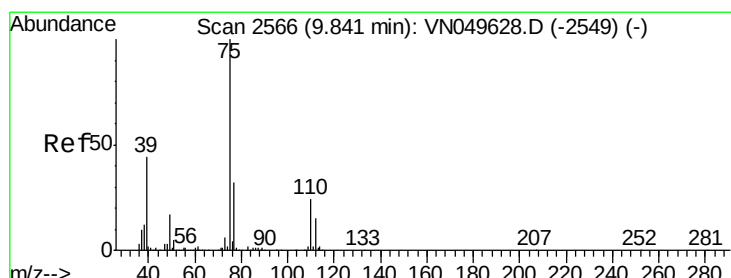
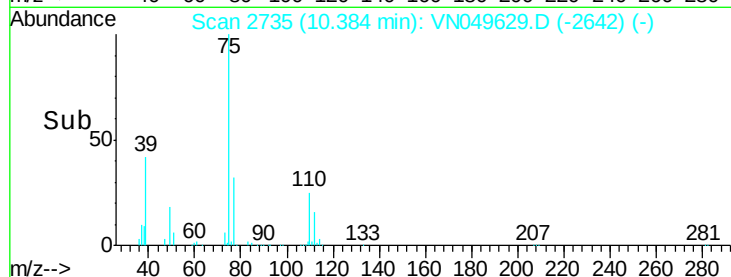
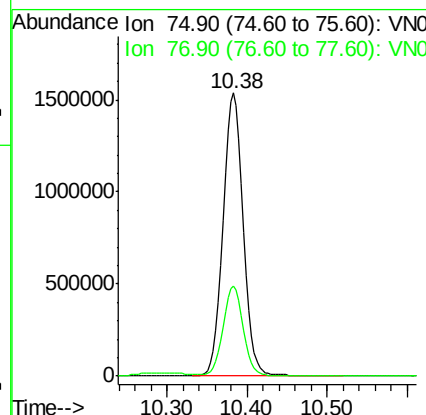
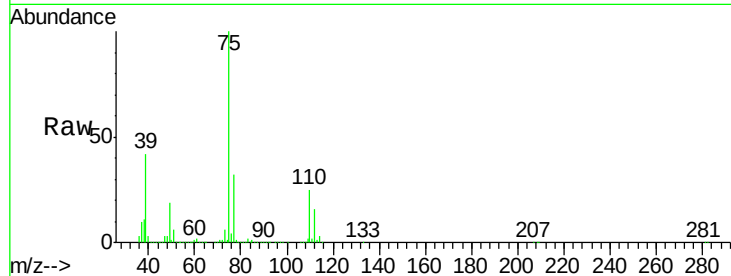
#53
t-1,3-Dichloropropene
Concen: 112.91 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VN049629.D
Acq: 29 Jun 2018 12:36

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion: 75 Resp: 2687545
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8

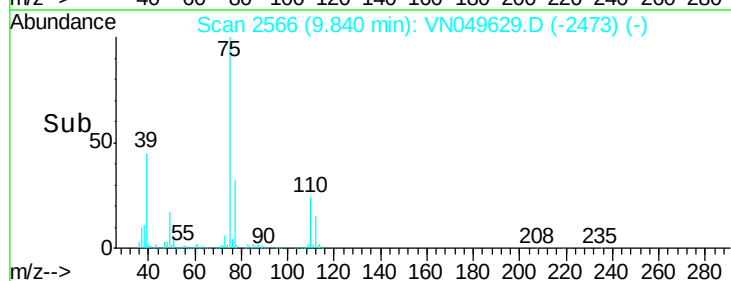
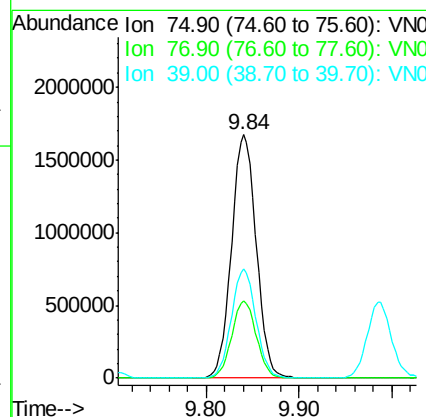
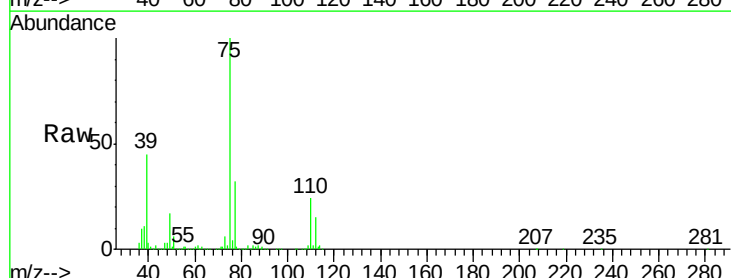
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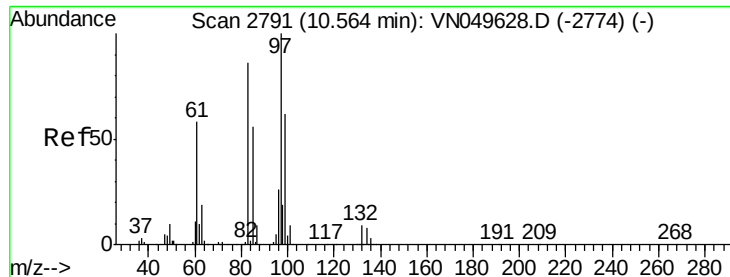
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#54
cis-1,3-Dichloropropene
Concen: 111.26 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VN049629.D
Acq: 29 Jun 2018 12:36

Tgt Ion: 75 Resp: 3095174
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
39 44.6 35.5 53.3





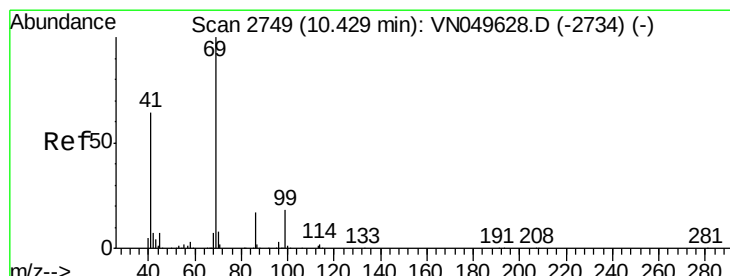
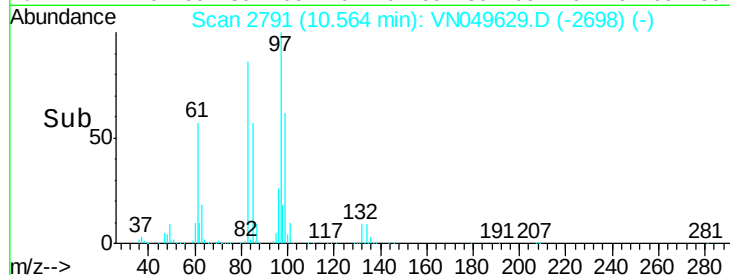
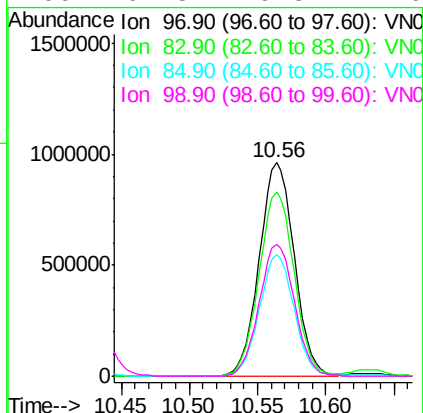
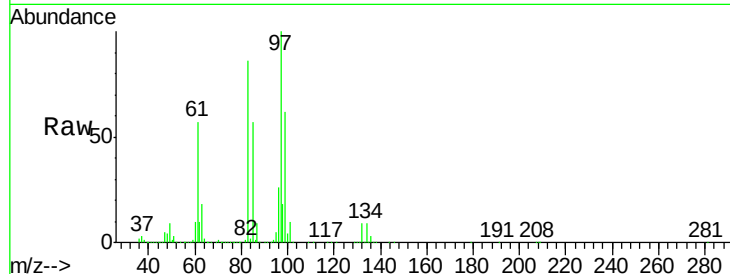
#55
 1,1,2-Trichloroethane
 Concen: 102.01 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN049629.D
 Acq: 29 Jun 2018 12:36

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	86.4	69.0	103.6	
85	56.9	44.9	67.3	
99	61.8	49.8	74.6	

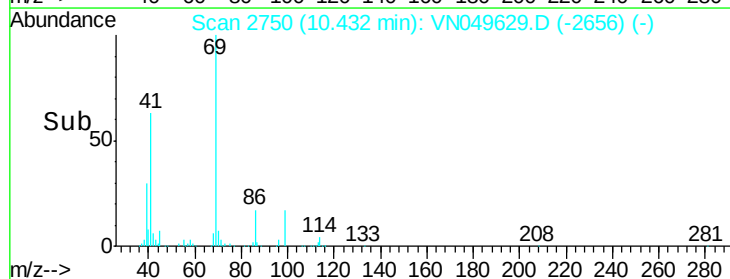
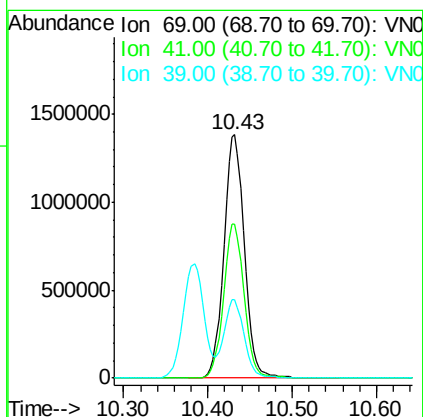
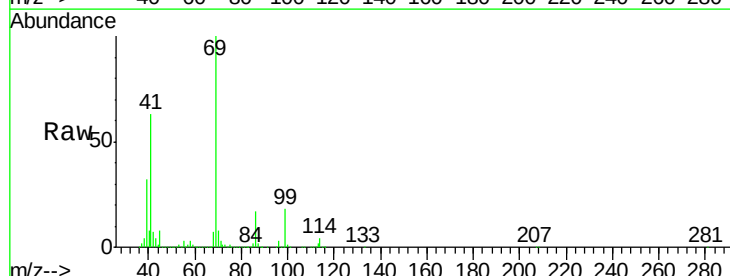
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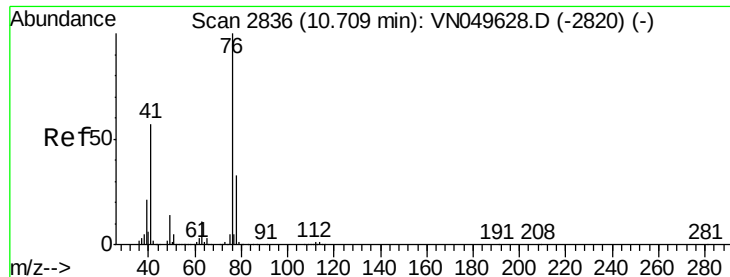
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#56
 Ethyl methacrylate
 Concen: 117.95 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049629.D
 Acq: 29 Jun 2018 12:36

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	63.9	51.6	77.4	
39	31.4	25.8	38.8	





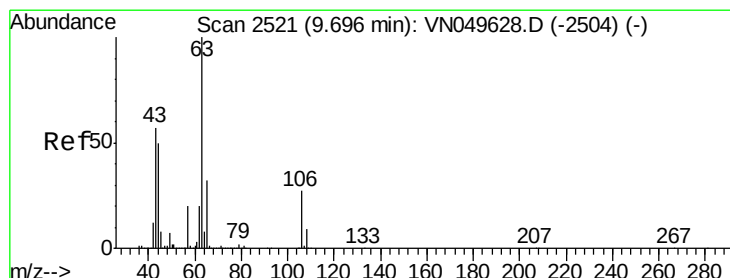
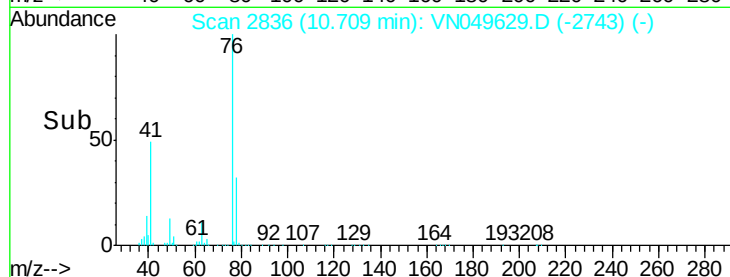
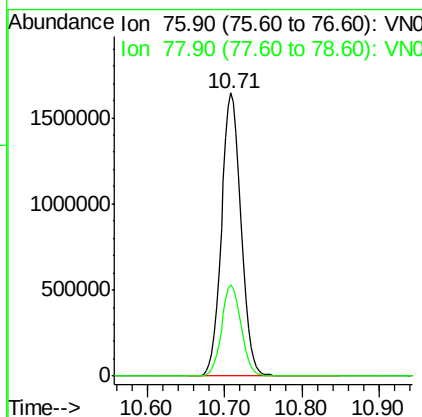
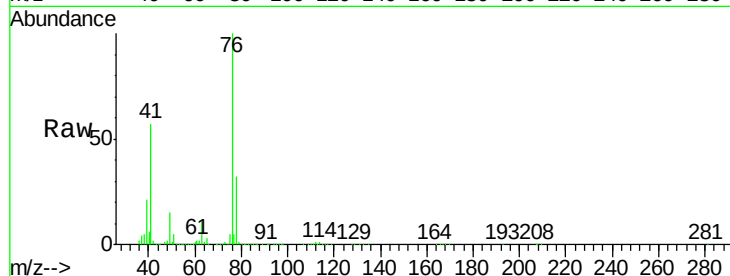
#57
 1,3-Dichloropropane
 Concen: 106.10 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: VN049629.D
 Acq: 29 Jun 2018 12:36

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

Tot Ion: 76 Resp: 2891422
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.8

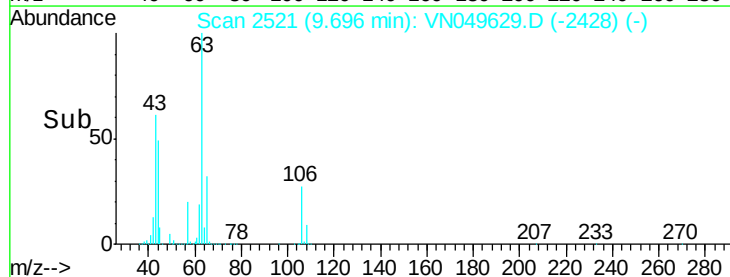
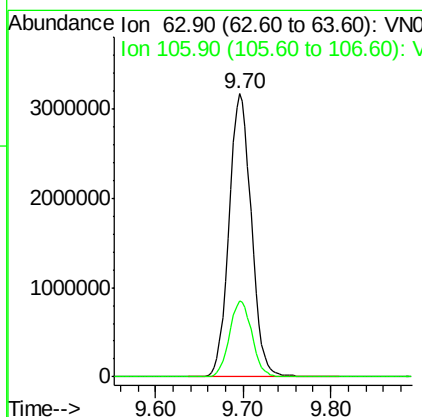
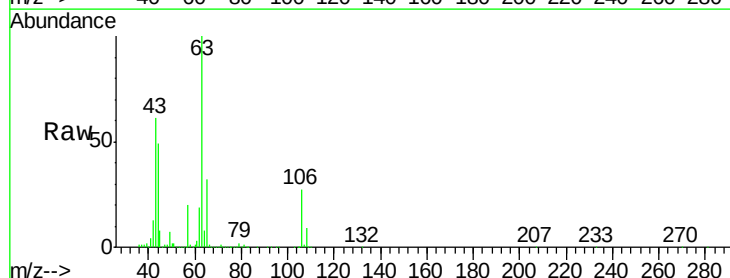
Manual Integrations
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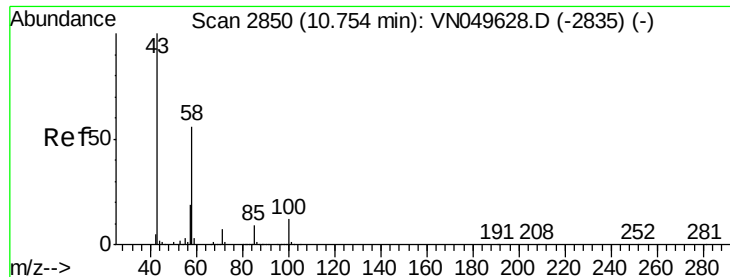
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#58
 2-Chloroethyl Vinyl ether
 Concen: 613.12 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. -0.00 min
 Lab File: VN049629.D
 Acq: 29 Jun 2018 12:36

Tgt Ion: 63 Resp: 5622394
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.8 32.8





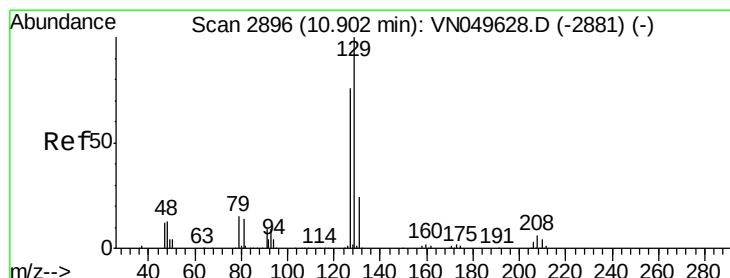
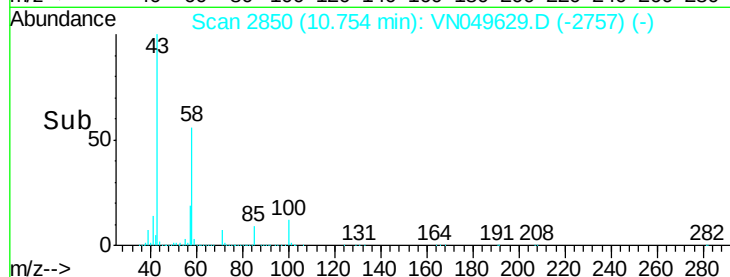
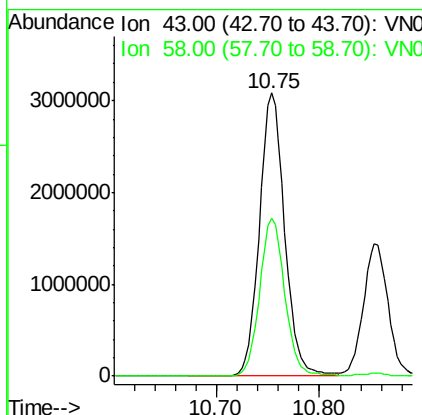
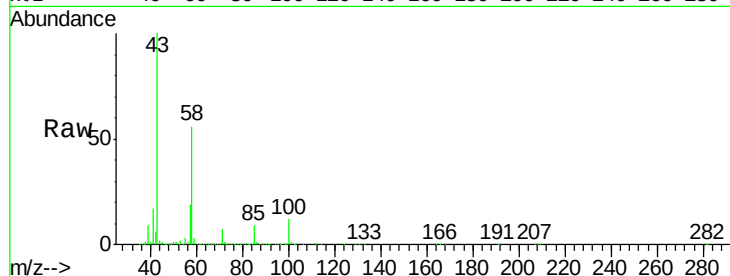
#59
2-Hexanone
Concen: 562.14 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN049629.D
Acq: 29 Jun 2018 12:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 5200926
Ion Ratio Lower Upper
43 100
58 55.9 27.8 83.4

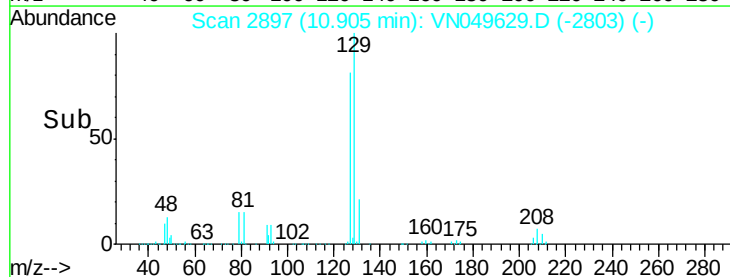
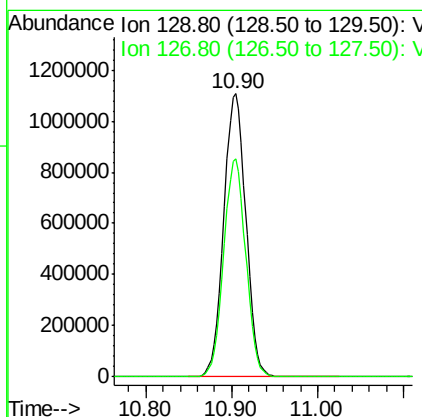
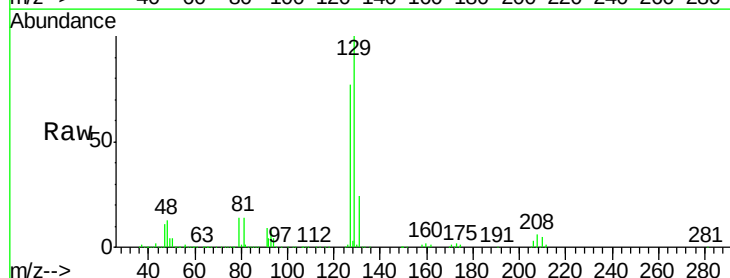
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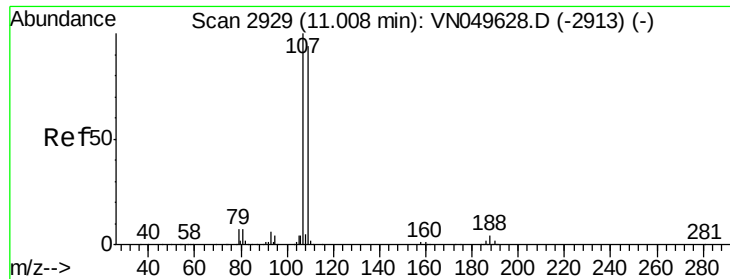
apatel
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#60
Dibromochloromethane
Concen: 109.30 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049629.D
Acq: 29 Jun 2018 12:36

Tgt Ion: 129 Resp: 1985283
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.9





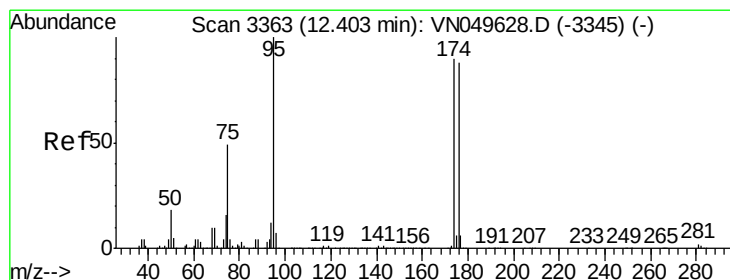
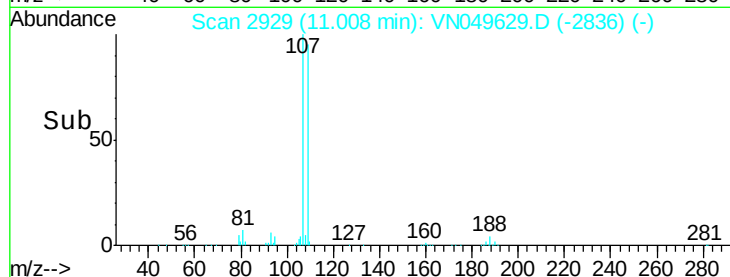
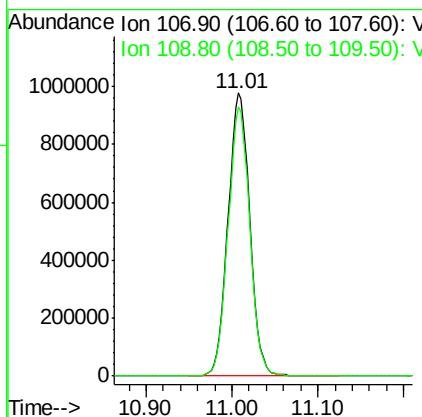
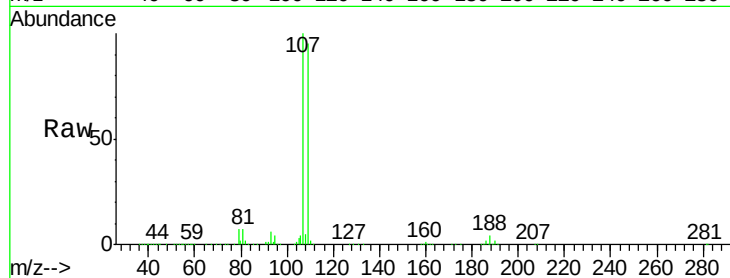
#61
 1,2-Dibromoethane
 Concen: 106.51 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VN049629.D
 Acq: 29 Jun 2018 12:36

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

Tot Ion:107 Resp: 1715114
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.0 112.6

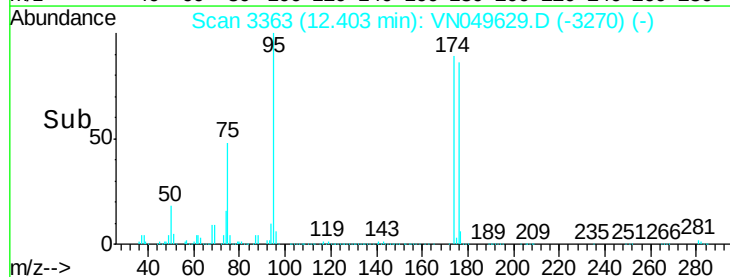
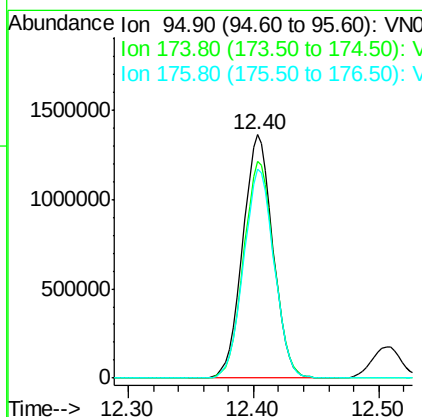
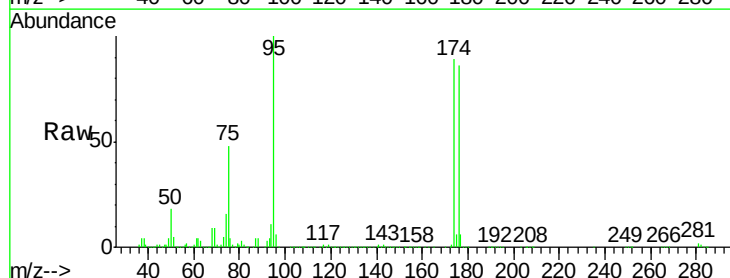
Manual Integrations
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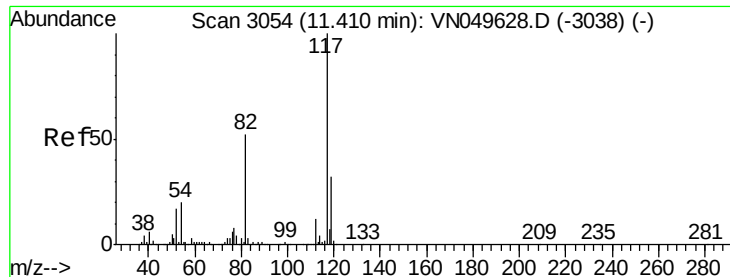
apatel
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#62
 4-Bromofluorobenzene
 Concen: 105.12 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.00 min
 Lab File: VN049629.D
 Acq: 29 Jun 2018 12:36

Tgt Ion: 95 Resp: 2283994
 Ion Ratio Lower Upper
 95 100
 174 89.6 0.0 179.6
 176 86.9 0.0 174.0





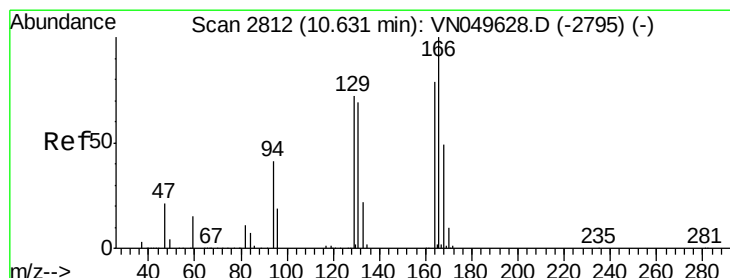
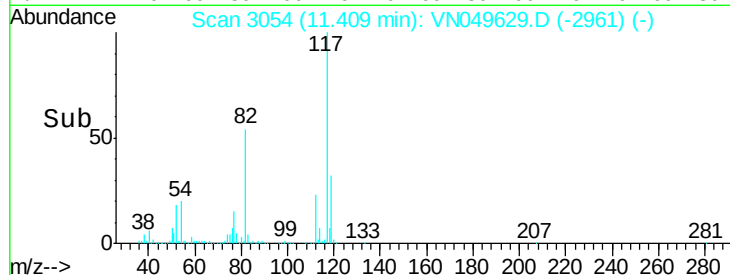
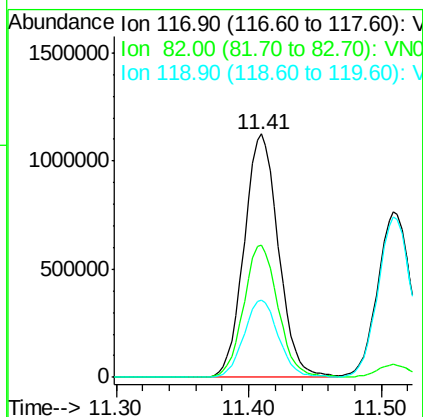
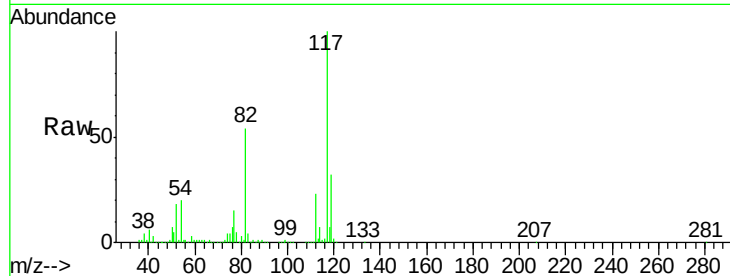
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049629.D
Acq: 29 Jun 2018 12:36

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion:117 Resp: 2024097
Ion Ratio Lower Upper
117 100
82 54.4 41.9 62.9
119 31.9 25.4 38.2

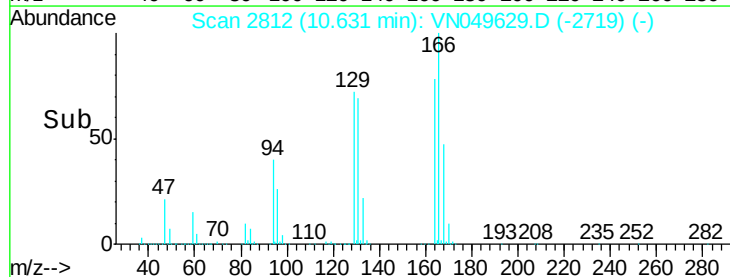
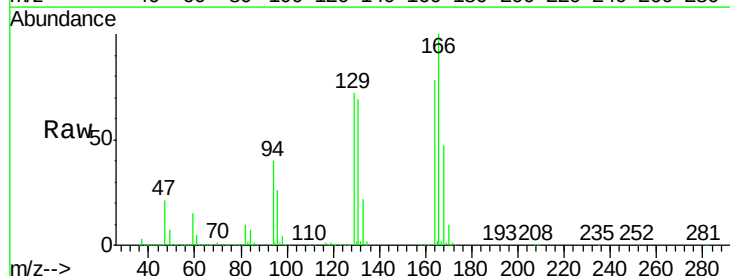
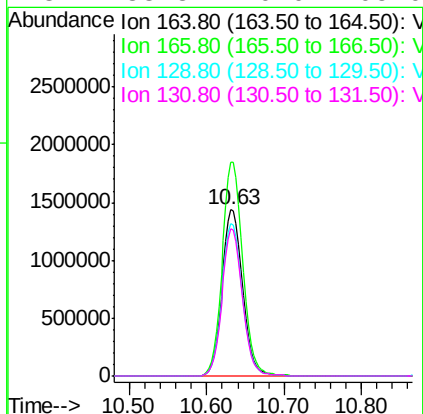
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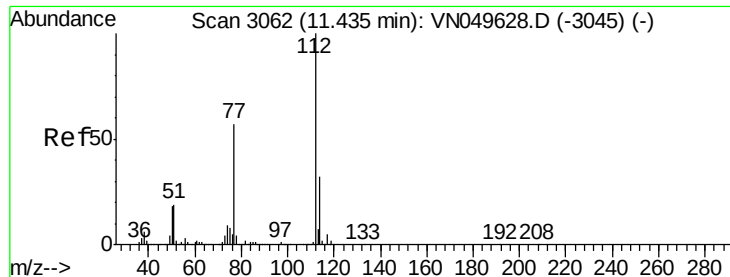
apatel
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#64
Tetrachloroethene
Concen: 96.88 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049629.D
Acq: 29 Jun 2018 12:36

Tgt Ion:164 Resp: 2655231
Ion Ratio Lower Upper
164 100
166 128.4 101.8 152.6
129 91.9 72.8 109.2
131 88.3 70.0 105.0





#65

Chlorobenzene

Concen: 100.72 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:112 Resp: 5318104

Ion Ratio Lower Upper

112 100

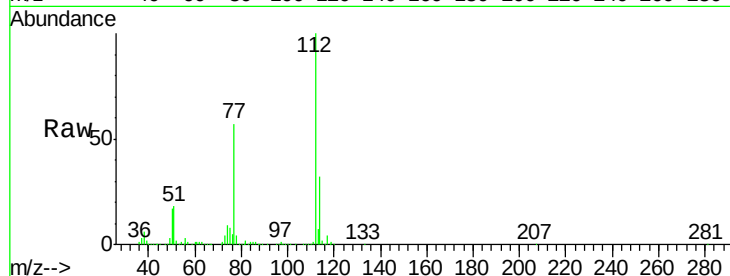
114 32.0 25.4 38.0

Manual Integrations

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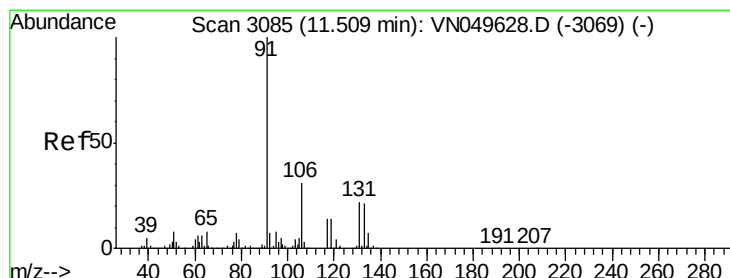
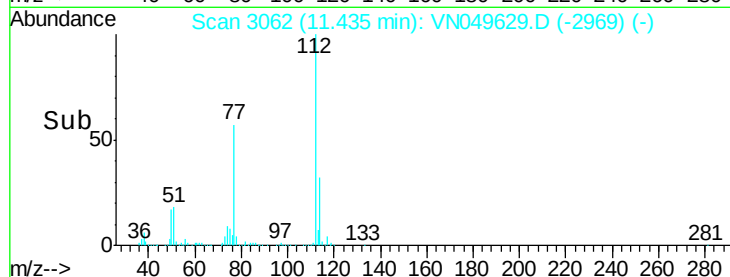
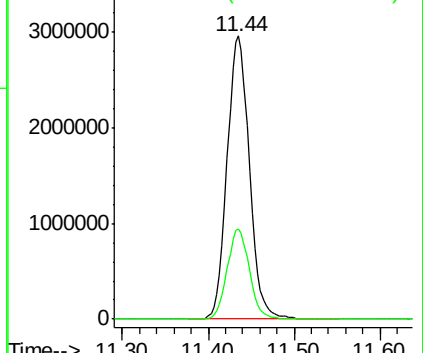
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 102.59 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

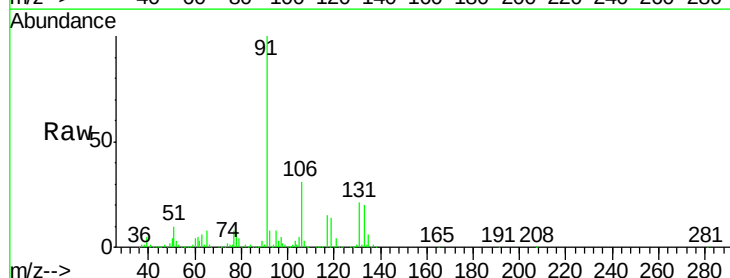
Tgt Ion:131 Resp: 1946359

Ion Ratio Lower Upper

131 100

133 95.5 47.5 142.6

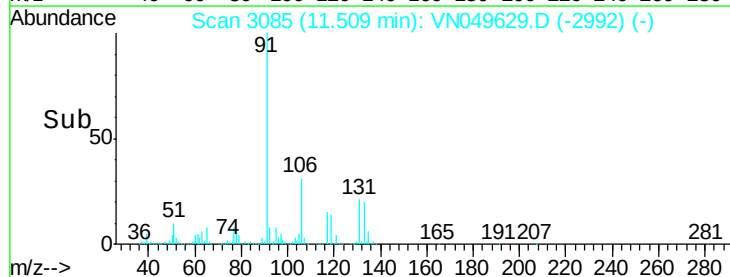
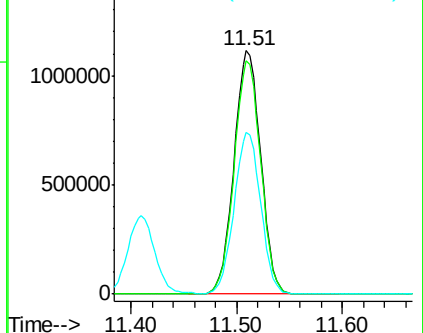
119 66.1 33.1 99.3

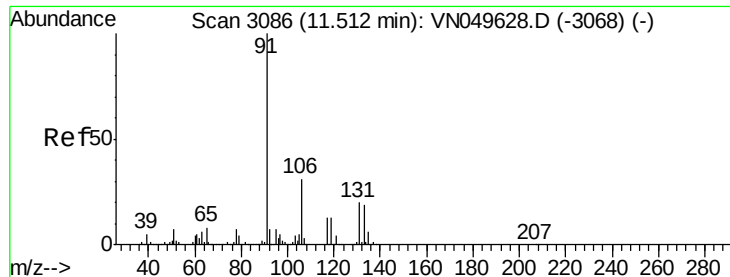


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 107.26 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 91 Resp: 9362263

Ion Ratio Lower Upper

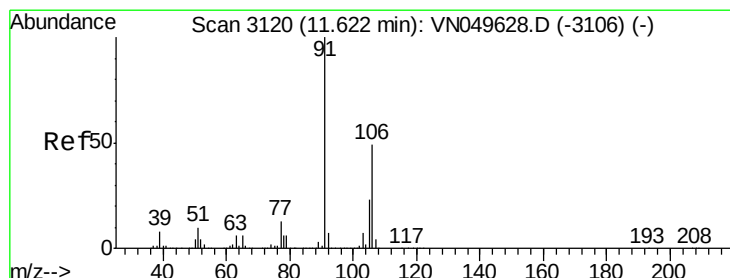
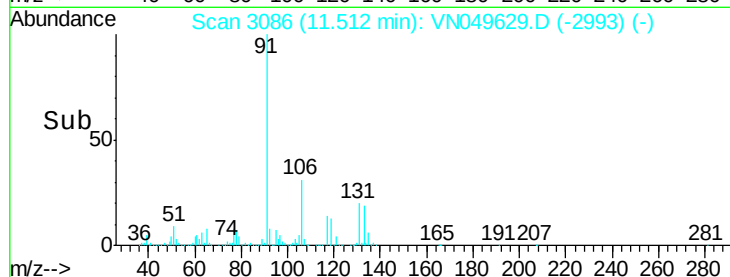
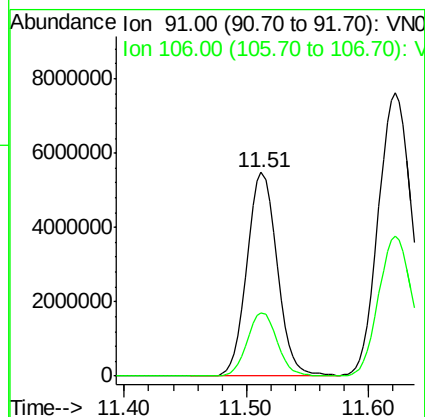
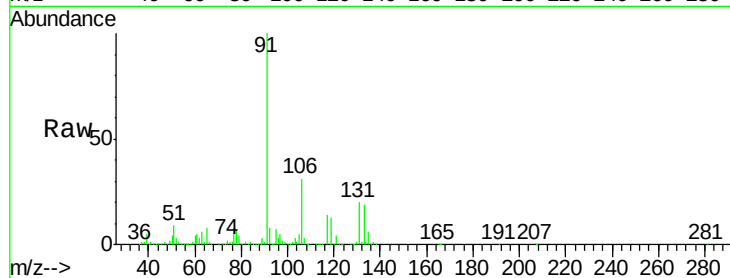
91 100

106 31.1 24.8 37.2

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#68

m/p-Xylenes

Concen: 216.28 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: VN049629.D

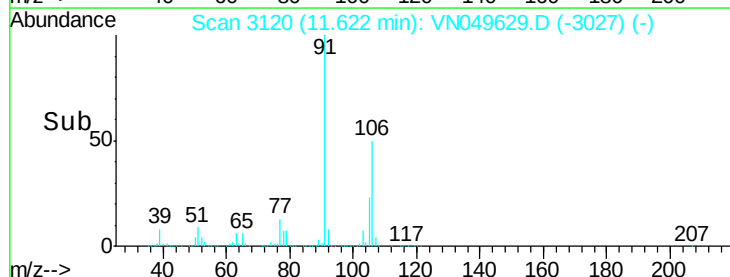
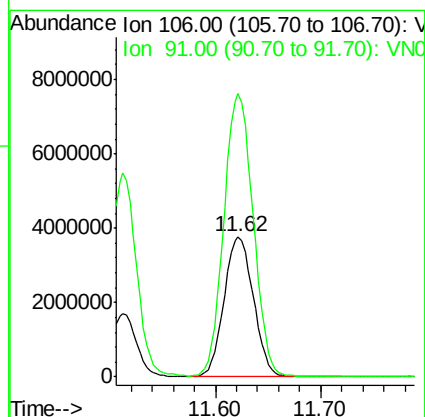
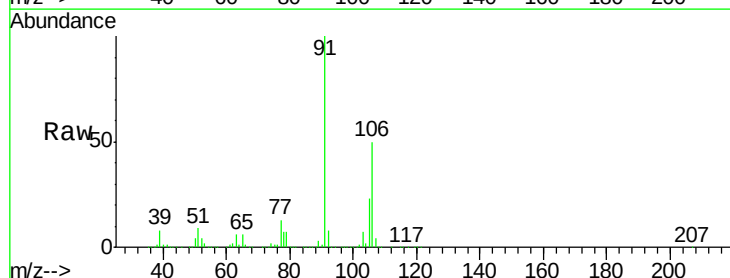
Acq: 29 Jun 2018 12:36

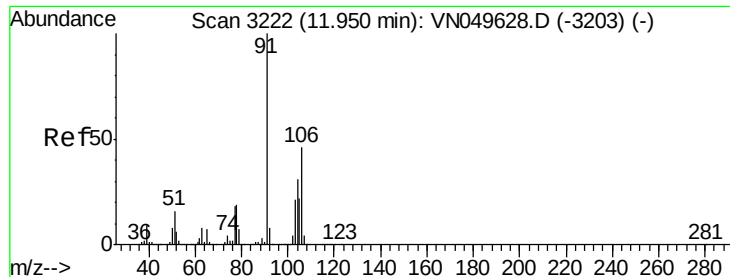
Tgt Ion: 106 Resp: 7234743

Ion Ratio Lower Upper

106 100

91 202.7 163.4 245.2





#69

o-Xylene

Concen: 108.93 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion:106 Resp: 3488546

Ion Ratio Lower Upper

106 100

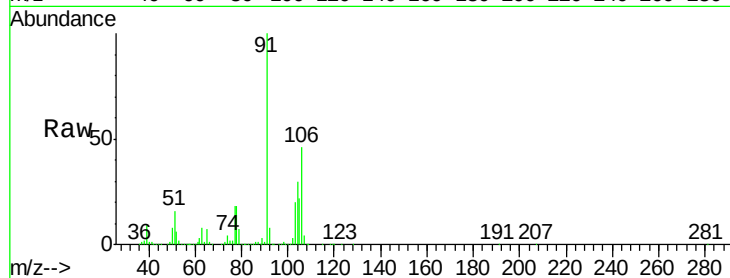
91 214.6 108.7 326.1

Manual Integrations

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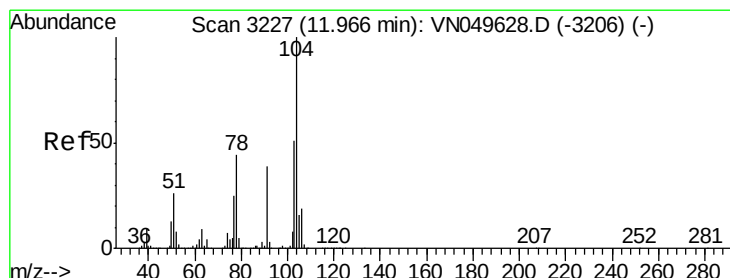
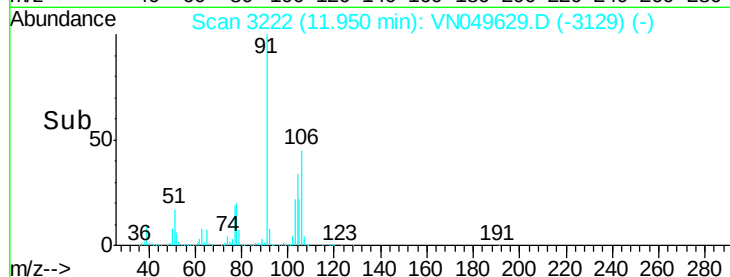
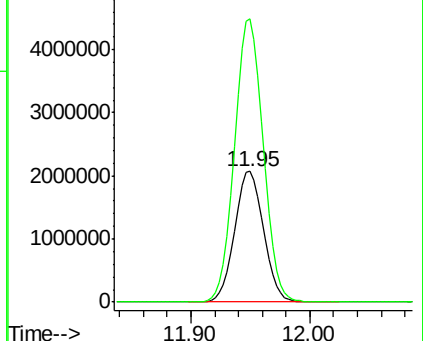
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 112.43 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

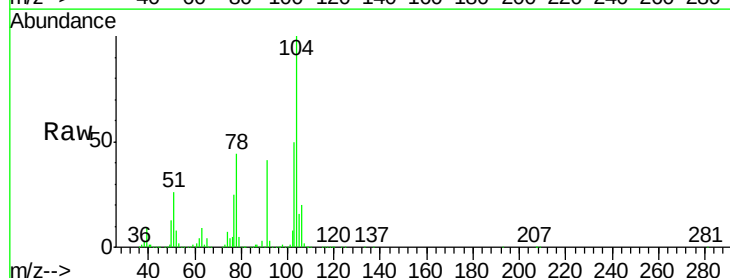
Tgt Ion:104 Resp: 5825658

Ion Ratio Lower Upper

104 100

78 48.9 39.2 58.8

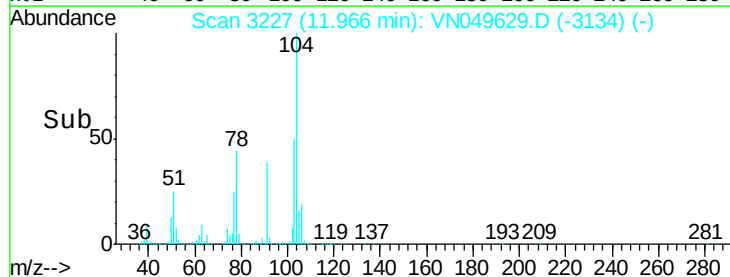
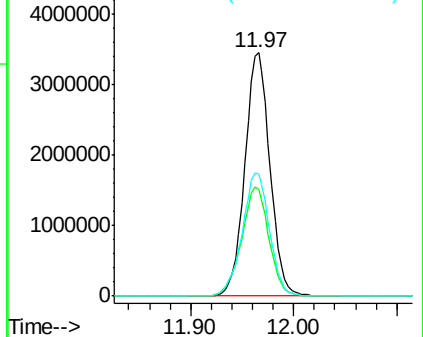
103 55.2 44.6 67.0

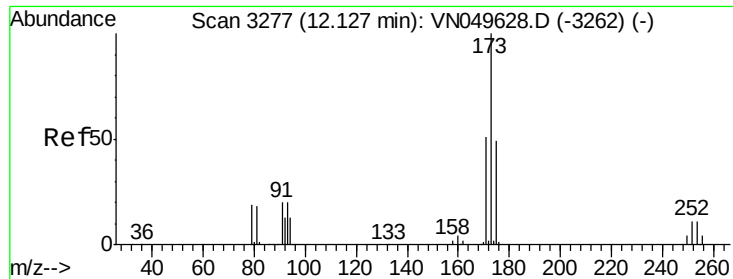


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 108.69 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion:173 Resp: 1370180

Ion Ratio Lower Upper

173 100

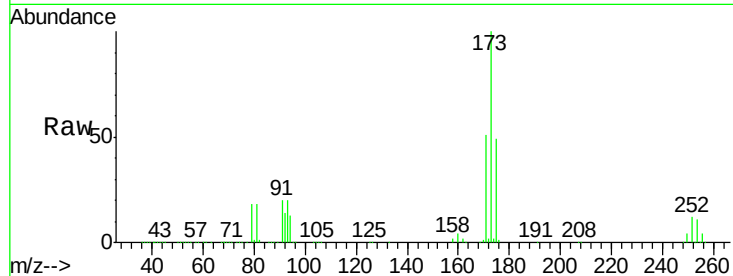
175 49.0 24.6 73.8

254 0.2 0.2 0.2

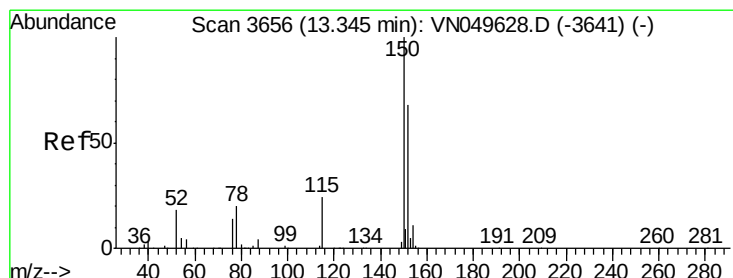
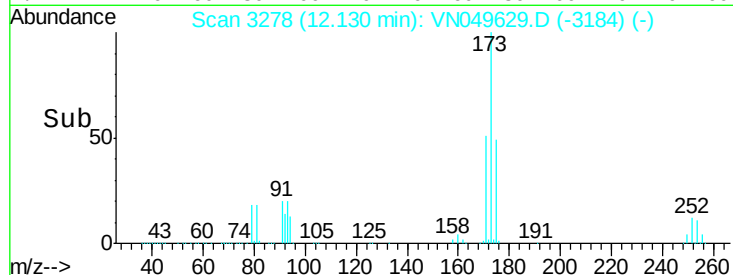
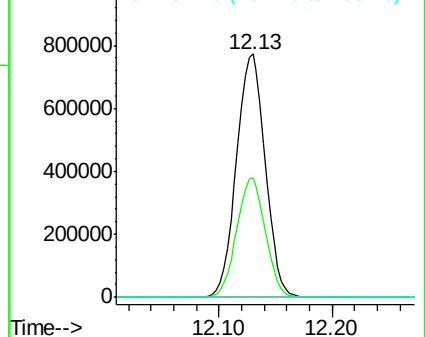
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

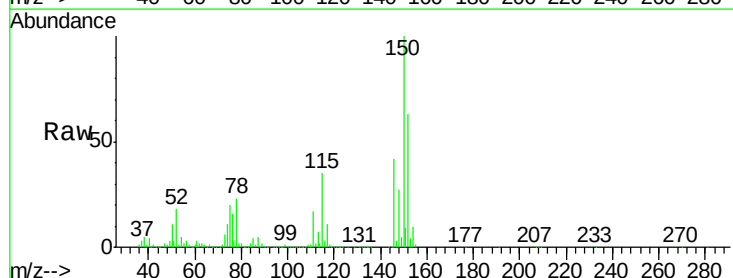
Tgt Ion:152 Resp: 1161015

Ion Ratio Lower Upper

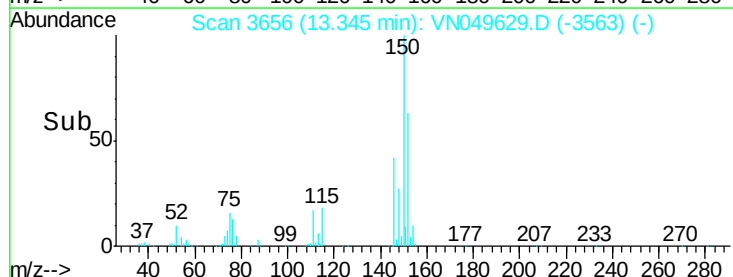
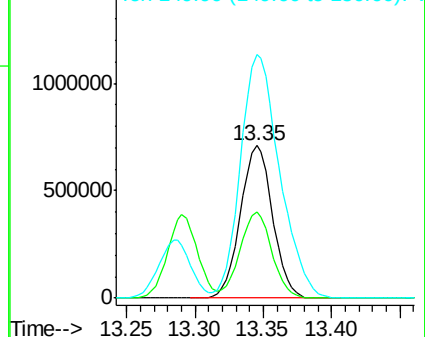
152 100

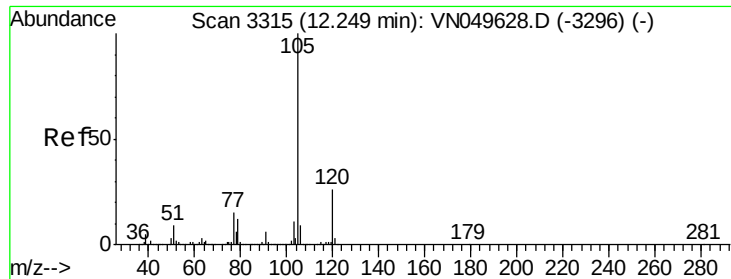
115 56.1 28.1 84.2

150 194.2 0.0 347.6



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: 99.25 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 9178530

Ion Ratio Lower Upper

105 100

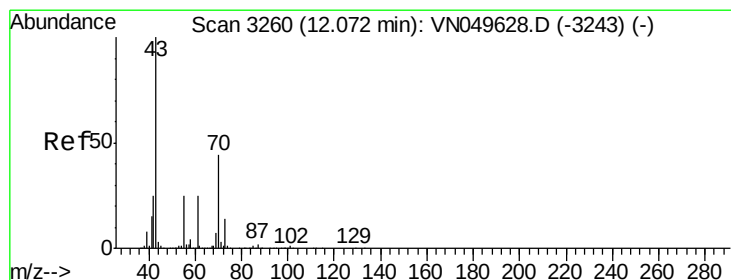
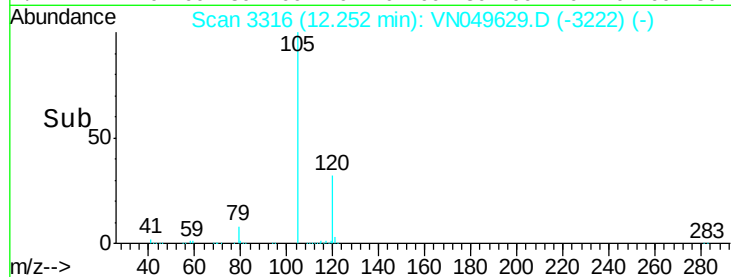
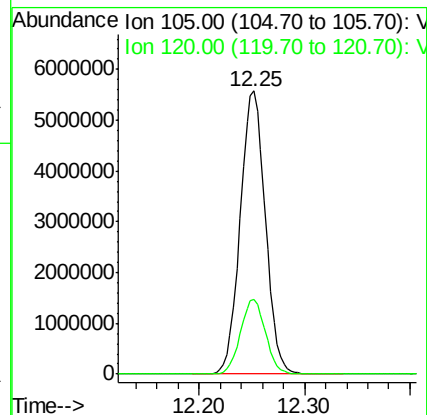
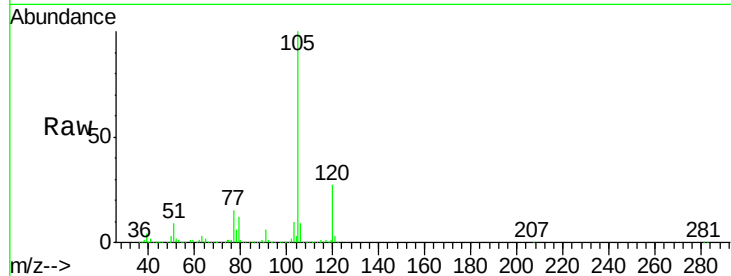
120 26.4 13.3 39.8

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#74

N-ethyl acetate

Concen: 105.02 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Tgt Ion: 43 Resp: 2652906

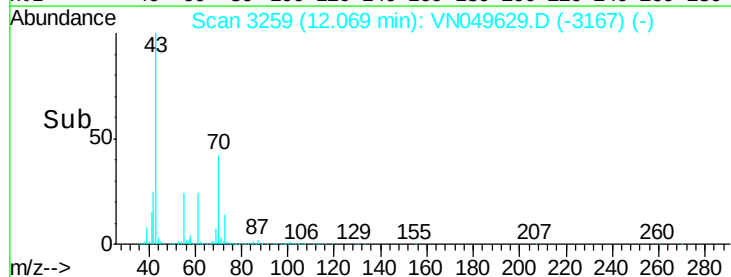
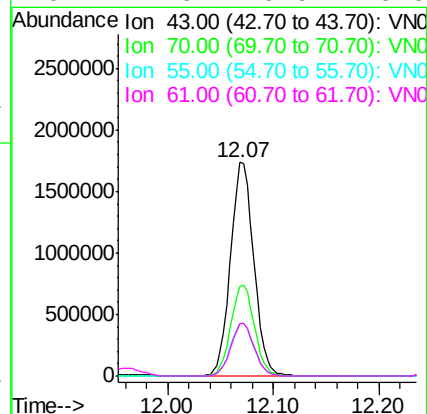
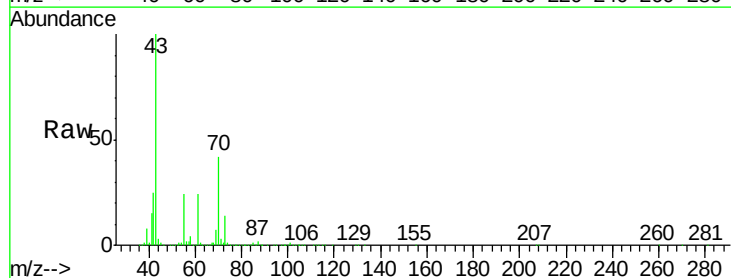
Ion Ratio Lower Upper

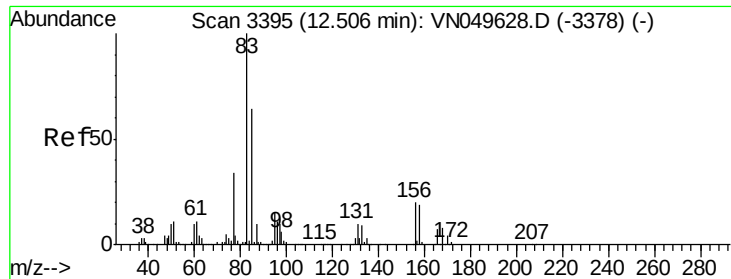
43 100

70 43.2 34.8 52.2

55 25.0 20.9 31.3

61 24.6 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 89.18 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Instrument :

MSVOA_N

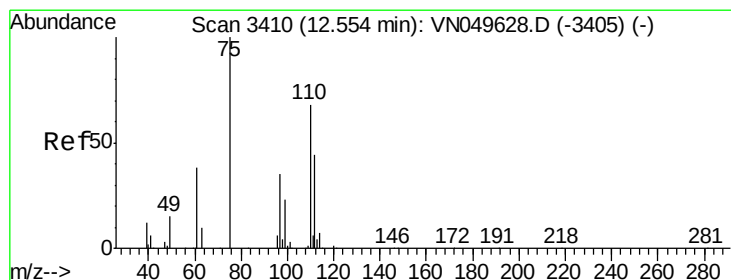
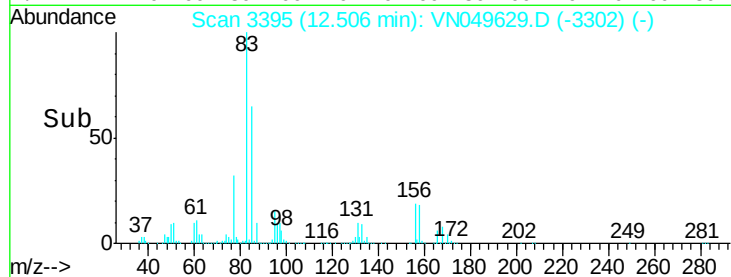
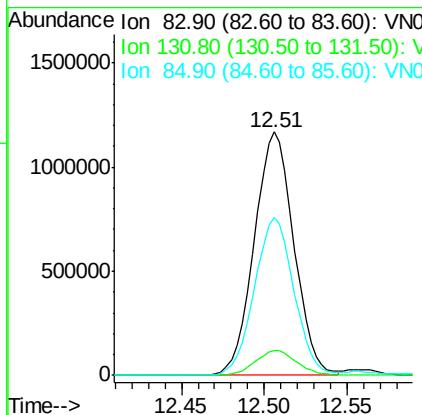
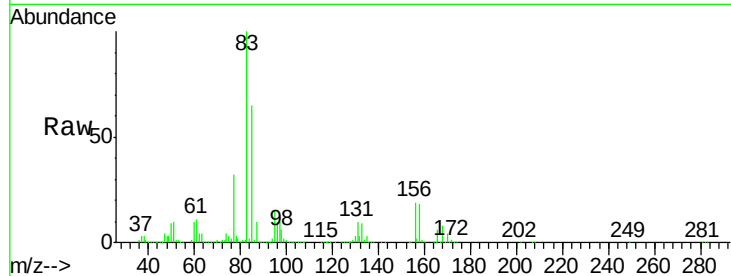
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	1947442
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.2	15.6
85	64.6	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 84.32 ug/l m

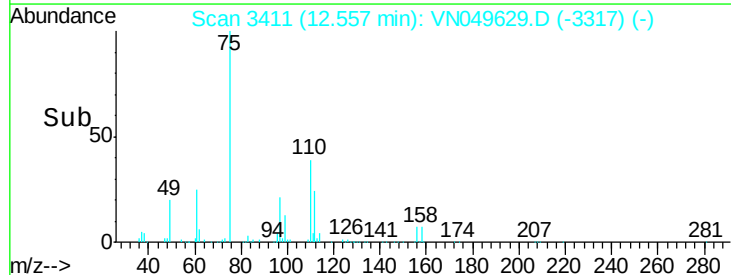
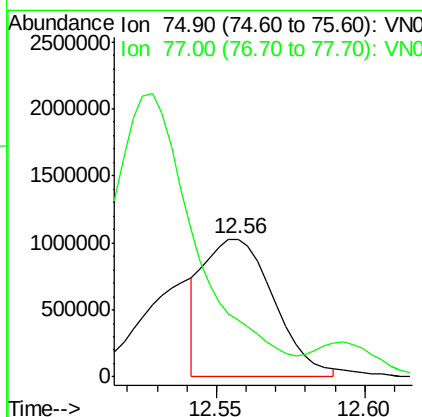
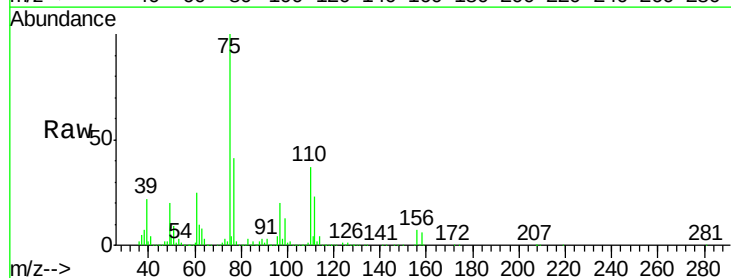
RT: 12.56 min Scan# 3411

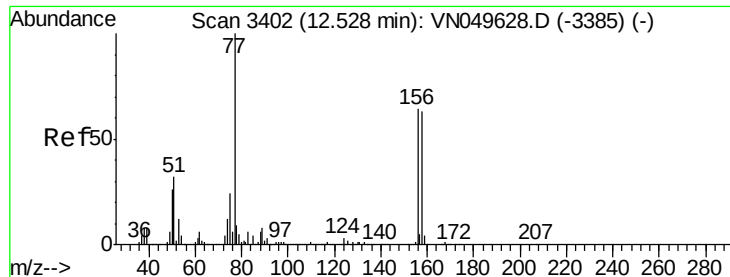
Delta R.T. 0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Tgt Ion:	75	Resp:	1699540
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 93.88 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion:156 Resp: 2360886

Ion Ratio Lower Upper

156 100

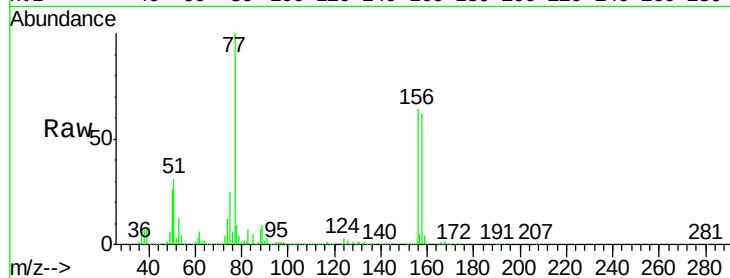
77 180.8 90.2 270.6

158 97.4 49.1 147.3

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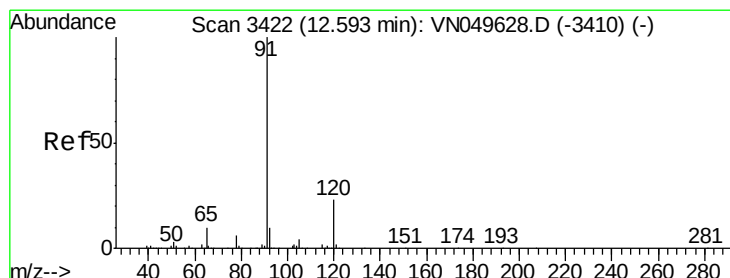
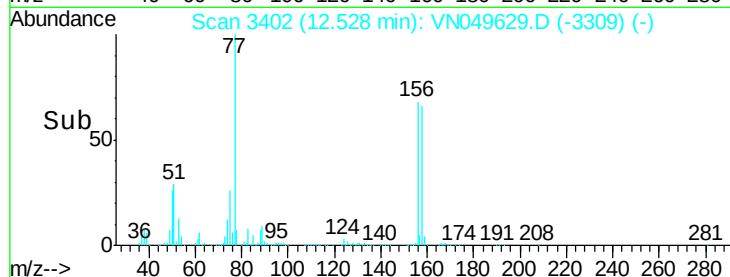
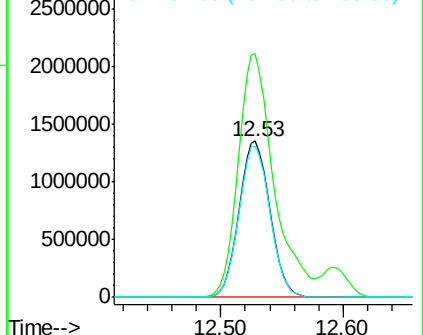
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 102.06 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049629.D

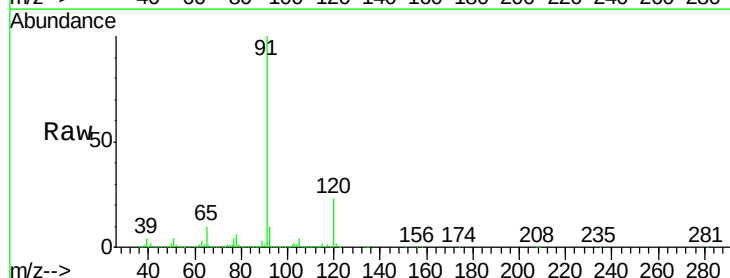
Acq: 29 Jun 2018 12:36

Tgt Ion: 91 Resp:10817196

Ion Ratio Lower Upper

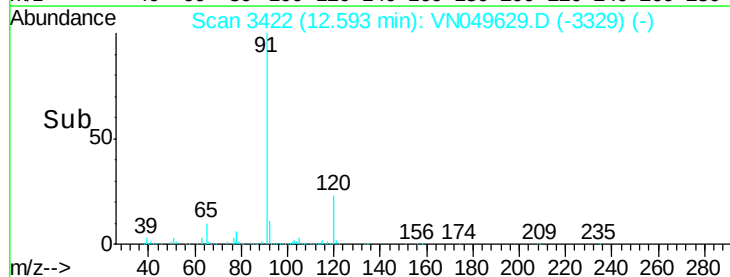
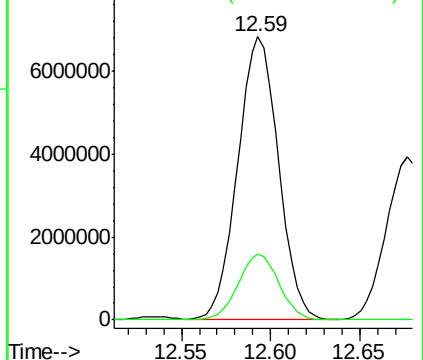
91 100

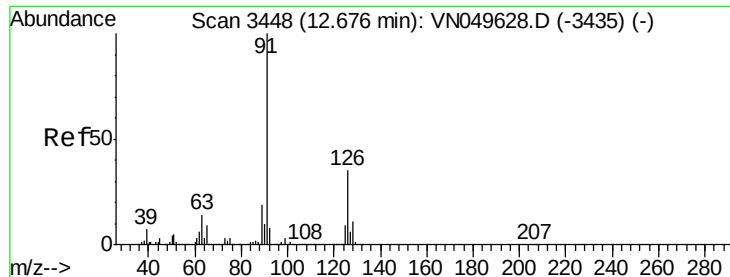
120 23.2 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 94.94 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 91 Resp: 6368358

Ion Ratio Lower Upper

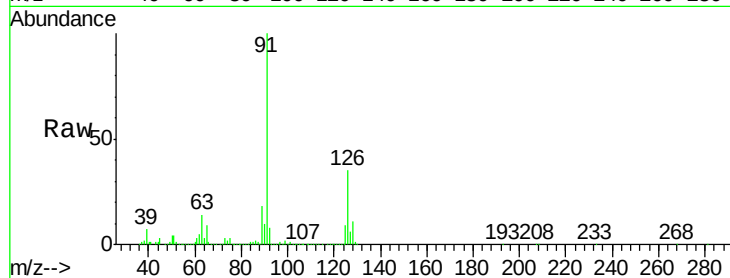
91 100

126 34.9 17.5 52.5

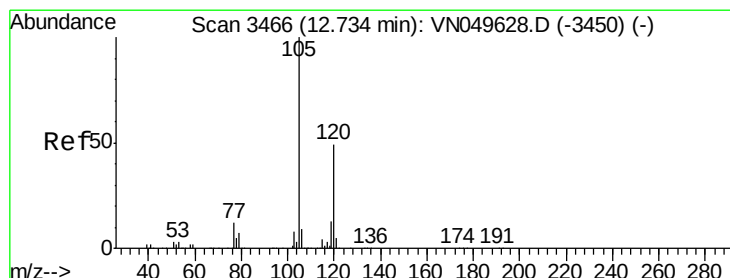
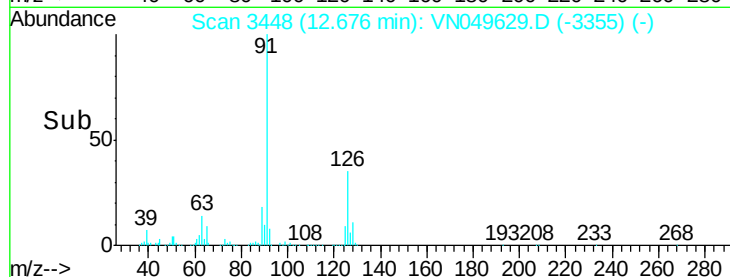
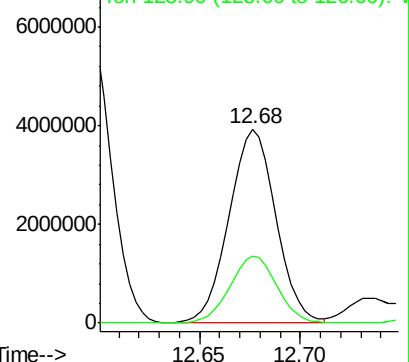
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Abundance Ion 91.00 (90.70 to 91.70): VN049629.D (-3435) (-)



#80

1,3,5-Trimethylbenzene

Concen: 101.66 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049629.D

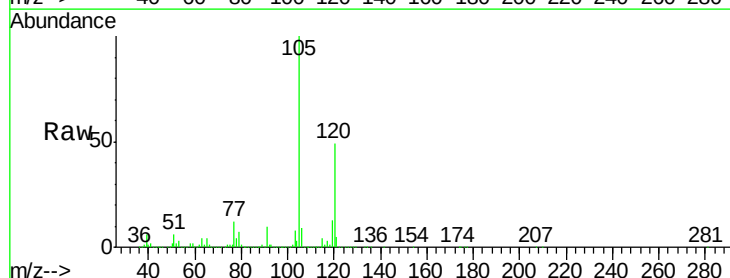
Acq: 29 Jun 2018 12:36

Tgt Ion:105 Resp: 7812778

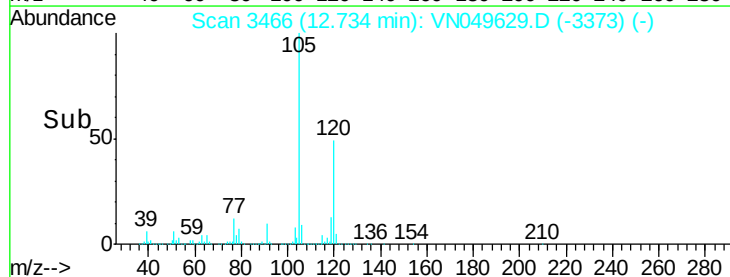
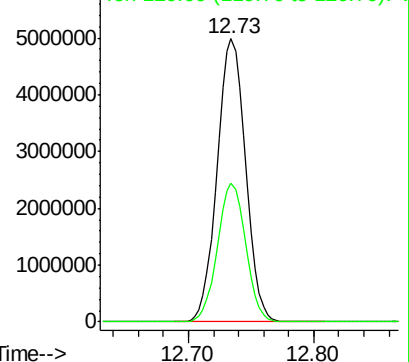
Ion Ratio Lower Upper

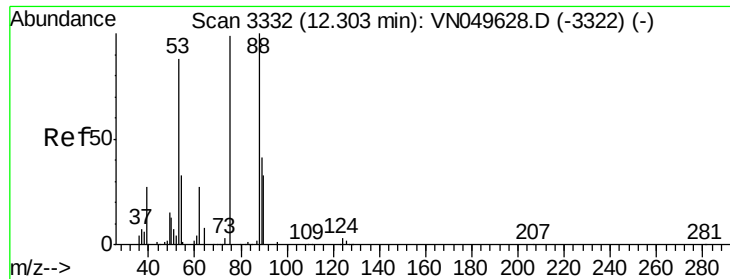
105 100

120 48.8 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN049629.D (-3373) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 107.85 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Instrument :

MSVOA_N

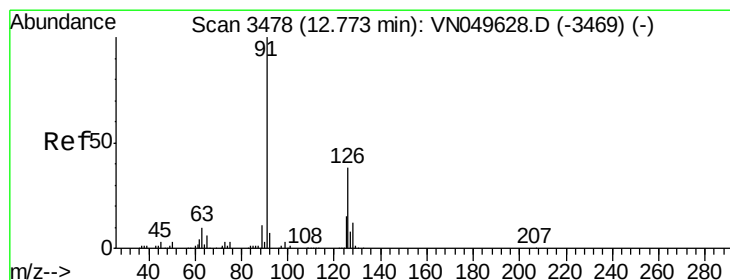
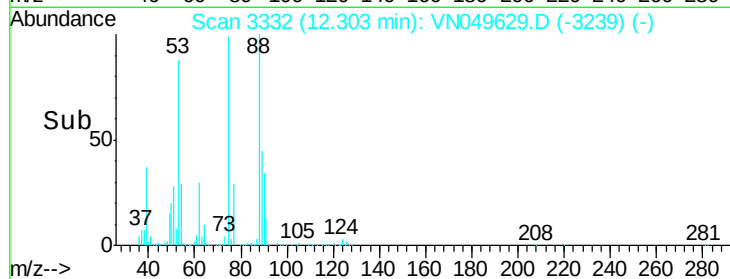
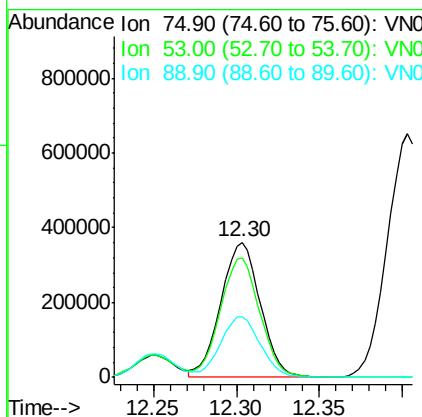
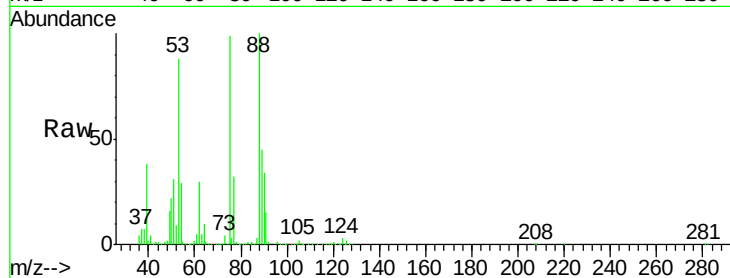
ClientSampled :

VSTDIC100

Tot Ion:	75	Resp:	591253
Ion	Ratio	Lower	Upper
75	100		
53	89.6	73.9	110.9
89	46.0	35.9	53.9

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#82

4-Chlorotoluene

Concen: 97.24 ug/l

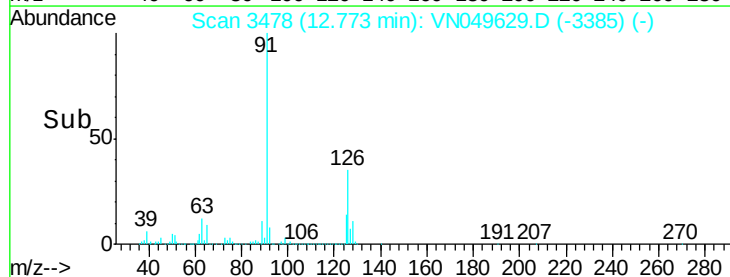
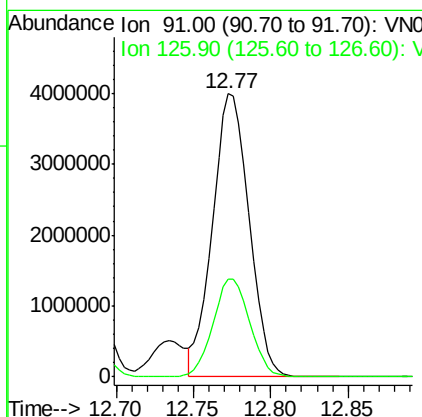
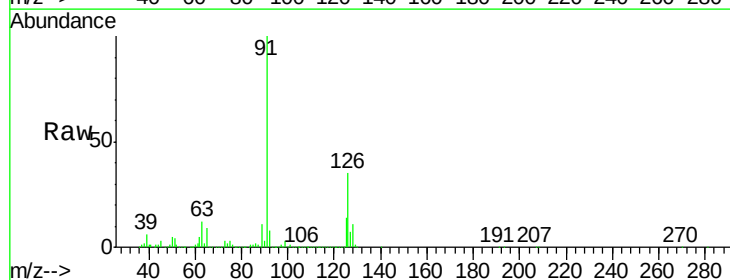
RT: 12.77 min Scan# 3478

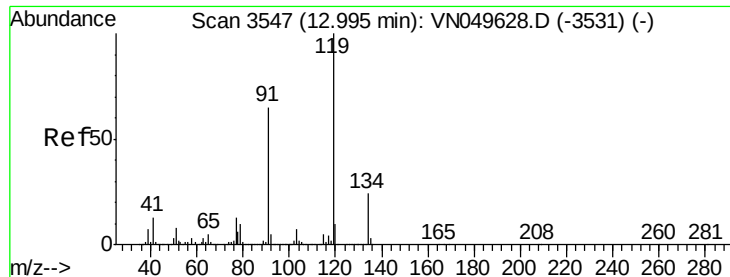
Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Tgt Ion:	91	Resp:	6558588
Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.2	51.6





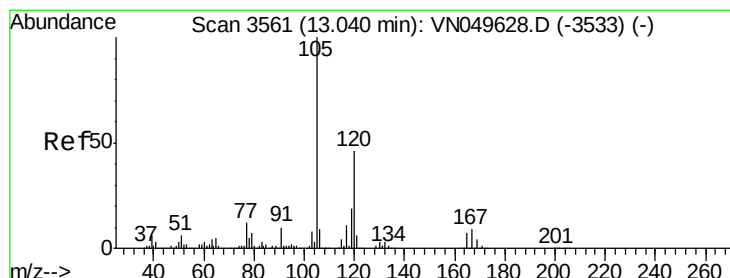
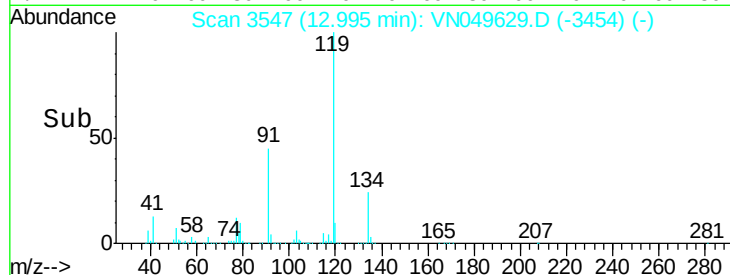
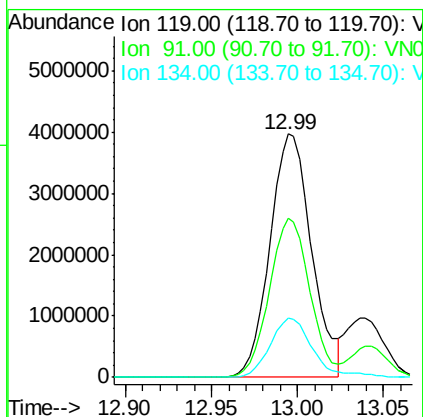
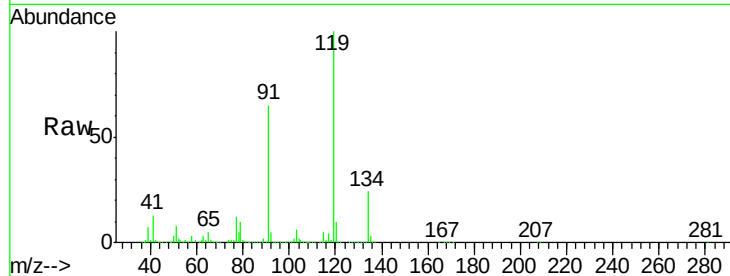
#83
 tert-Butylbenzene
 Concen: 101.01 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN049629.D
 Acq: 29 Jun 2018 12:36

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

Tot Ion:119 Resp: 6668394
 Ion Ratio Lower Upper
 119 100
 91 63.4 32.0 96.2
 134 25.0 12.8 38.4

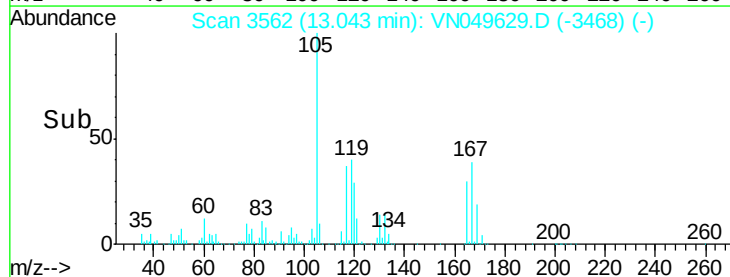
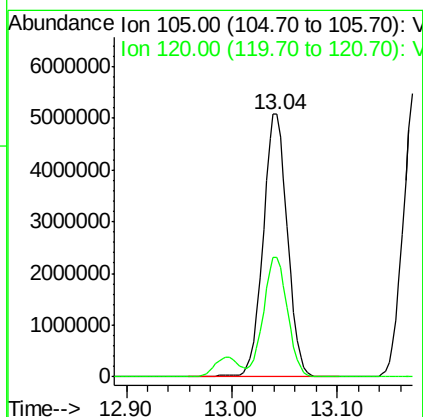
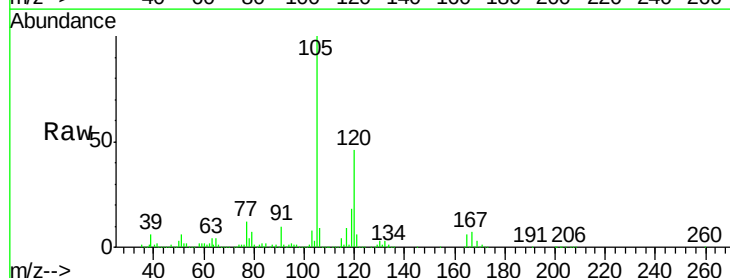
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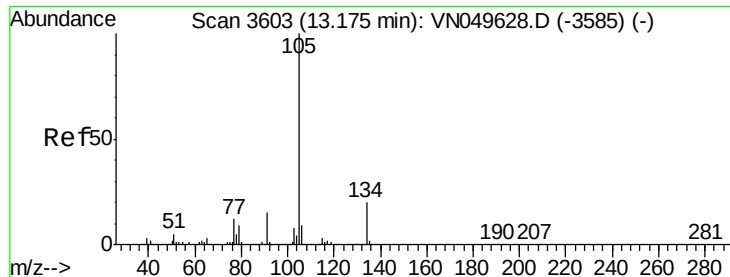
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#84
 1,2,4-Trimethylbenzene
 Concen: 102.71 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049629.D
 Acq: 29 Jun 2018 12:36

Tgt Ion:105 Resp: 8110403
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.7 68.1





#85

sec-Butylbenzene

Concen: 102.46 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 8962064

Ion Ratio Lower Upper

105 100

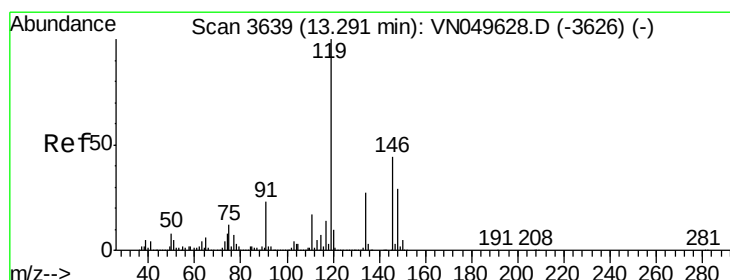
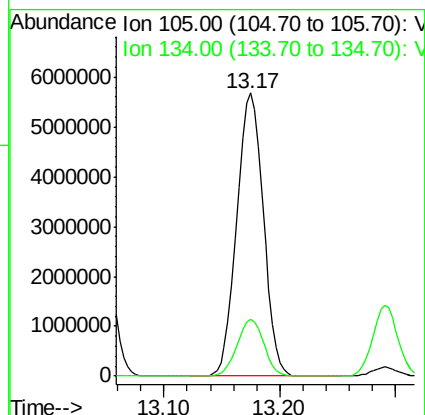
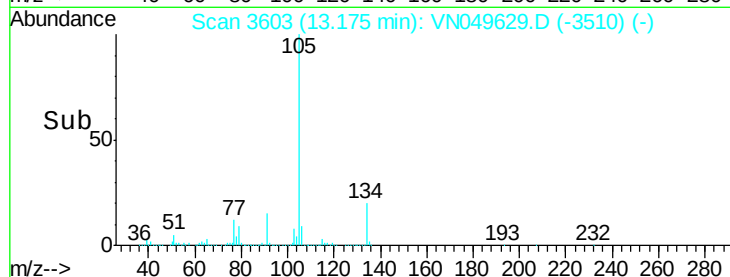
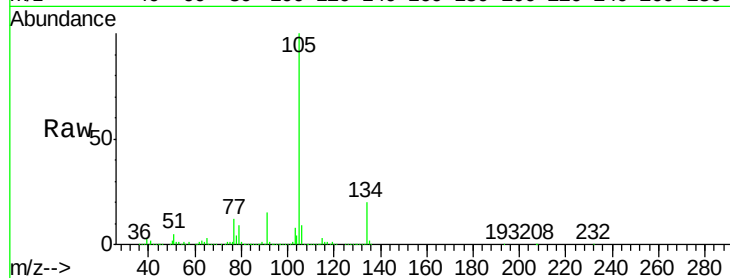
134 20.2 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 106.38 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

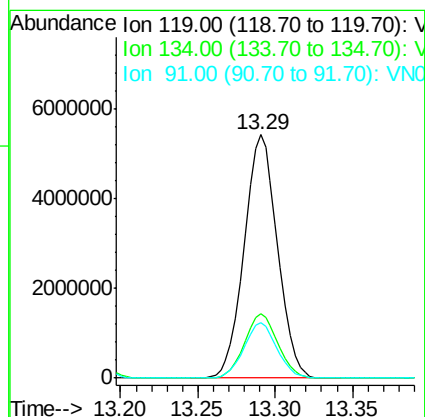
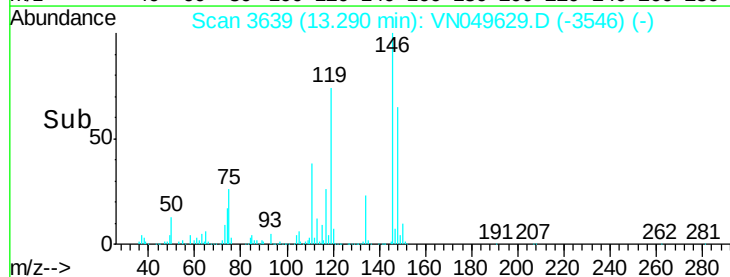
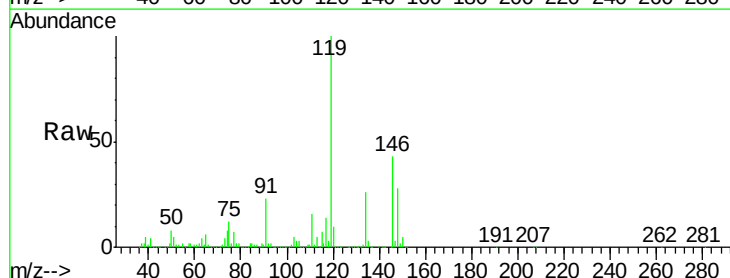
Tgt Ion:119 Resp: 8059265

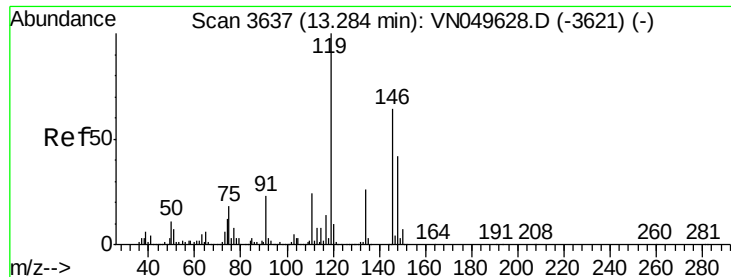
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

91 22.5 11.4 34.1





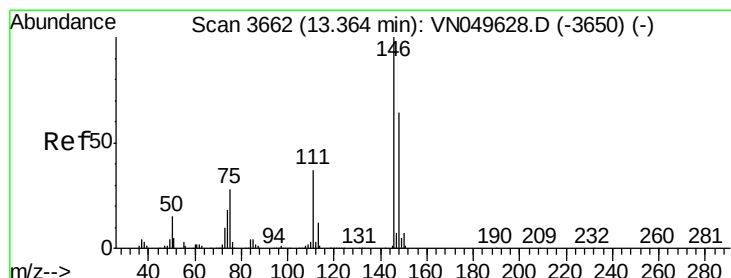
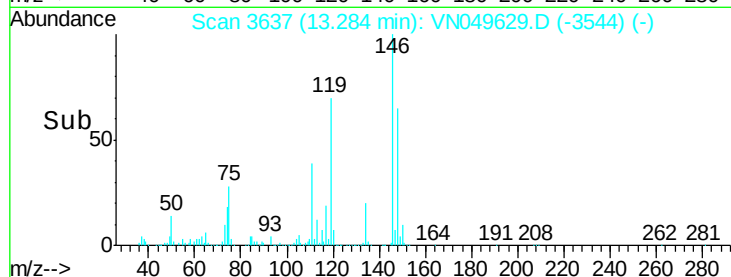
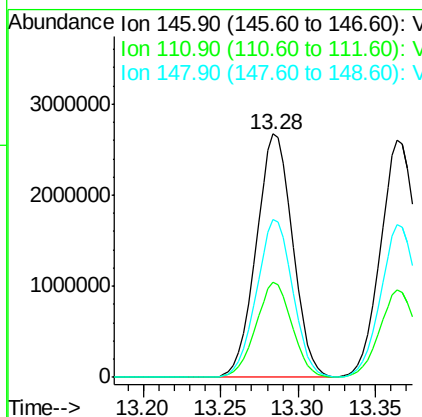
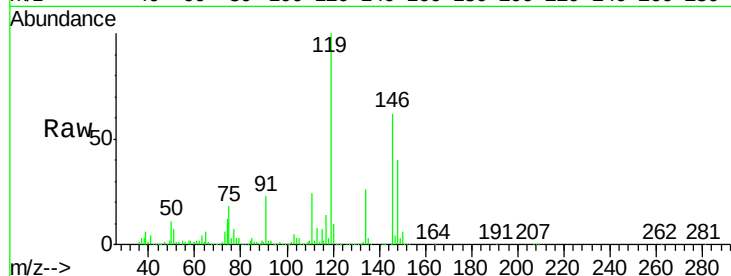
#87
 1,3-Dichlorobenzene
 Concen: 94.29 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN049629.D
 Acq: 29 Jun 2018 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion:146 Resp: 4377422
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.0 57.0
 148 64.4 32.5 97.5

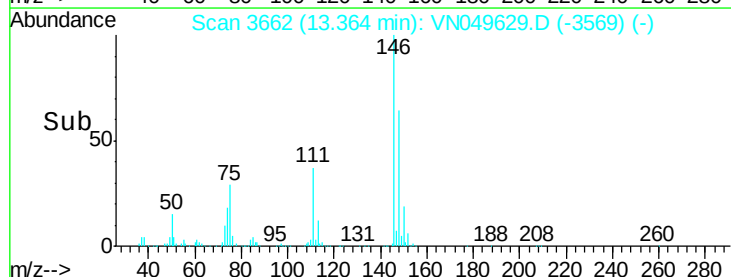
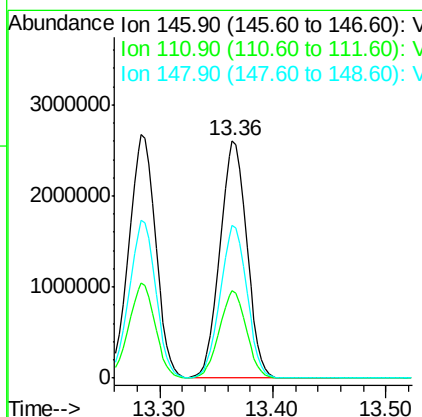
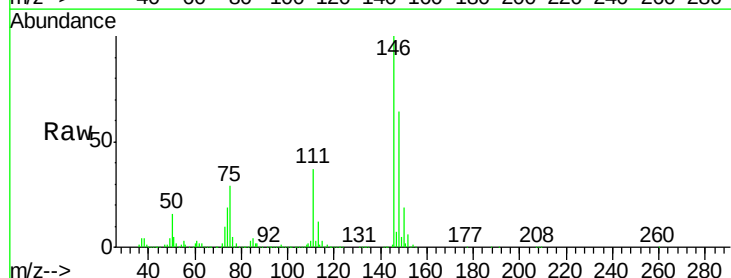
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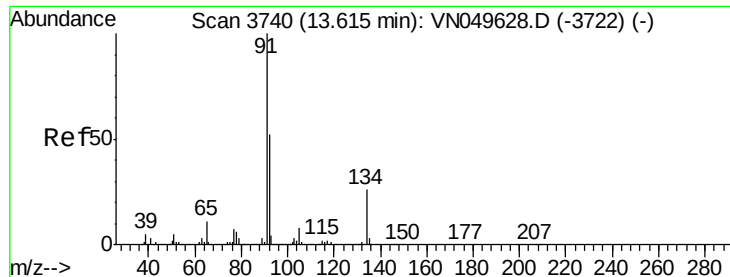
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#88
 1,4-Dichlorobenzene
 Concen: 92.96 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049629.D
 Acq: 29 Jun 2018 12:36

Tgt Ion:146 Resp: 4308494
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.9 56.5
 148 64.2 32.1 96.3





#89

n-Butylbenzene

Concen: 107.35 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. -0.00 min

Lab File: VN049629.D

Acq: 29 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 6962834

Ion Ratio Lower Upper

91 100

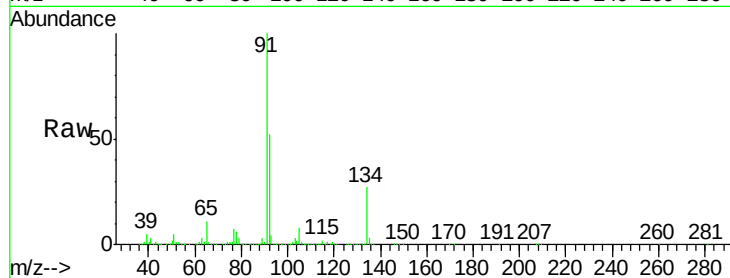
92 52.2 25.8 77.3

134 26.5 13.0 38.9

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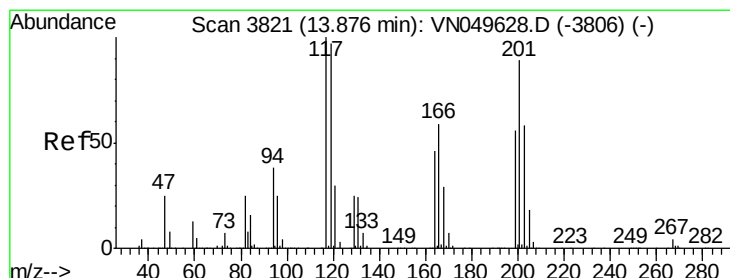
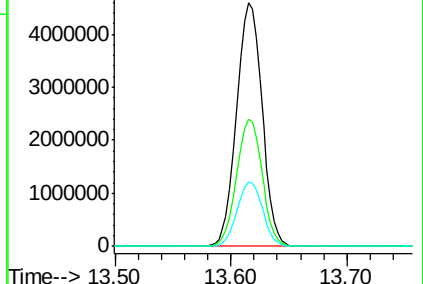
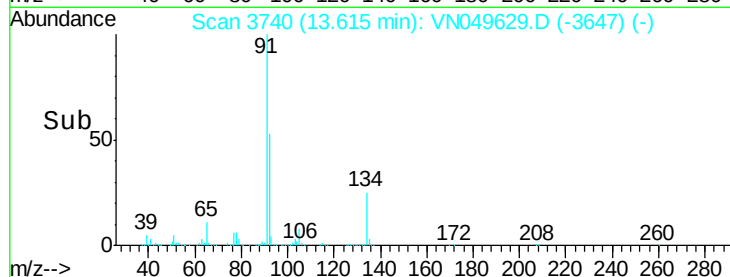
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Abundance Ion 91.00 (90.70 to 91.70): VN049629.D (-3647) (-)

Ion 92.00 (91.70 to 92.70): VN049629.D (-3647) (-)

Ion 134.00 (133.70 to 134.70): VN049629.D (-3647) (-)



#90

Hexachloroethane

Concen: 105.67 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. -0.00 min

Lab File: VN049629.D

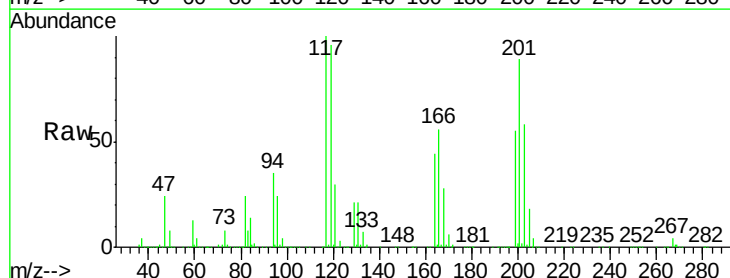
Acq: 29 Jun 2018 12:36

Tgt Ion: 117 Resp: 840923

Ion Ratio Lower Upper

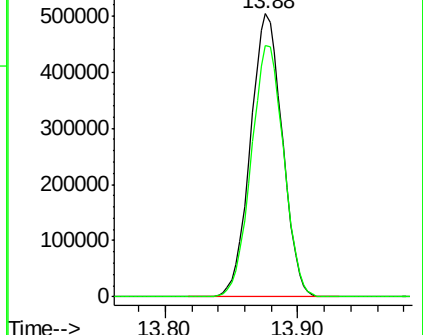
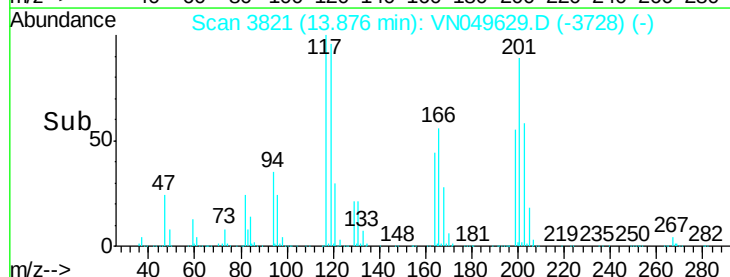
117 100

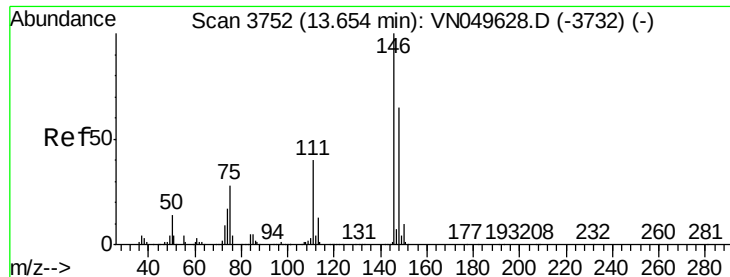
201 90.4 45.3 135.8



Abundance Ion 116.80 (116.50 to 117.50): VN049629.D (-3728) (-)

Ion 200.70 (200.40 to 201.40): VN049629.D (-3728) (-)





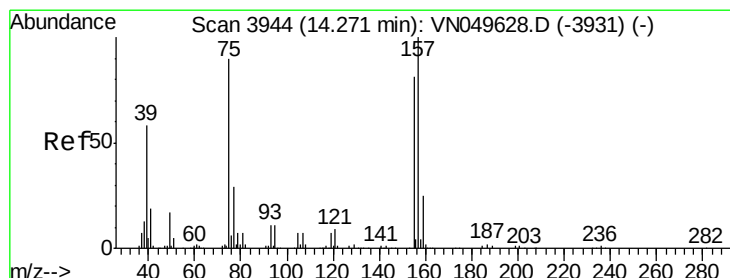
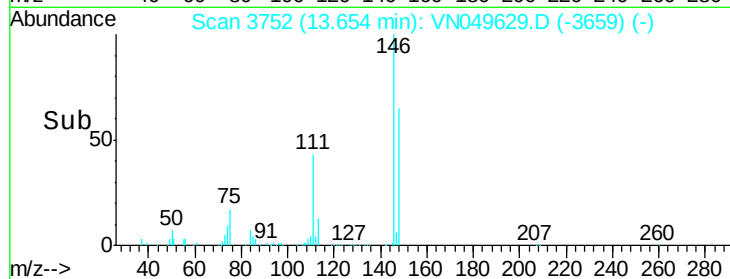
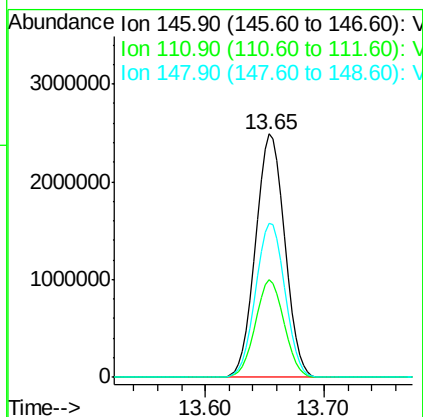
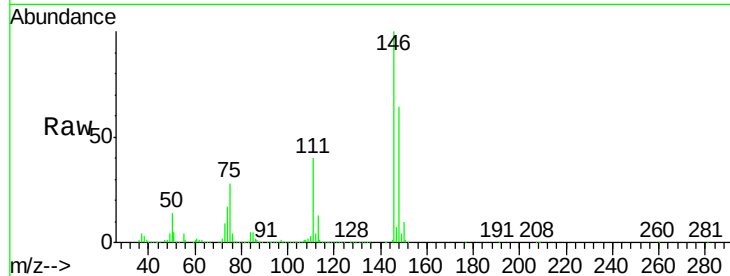
#91
 1,2-Dichlorobenzene
 Concen: 93.65 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN049629.D
 Acq: 29 Jun 2018 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.7	59.1
148	64.0	32.0	96.2

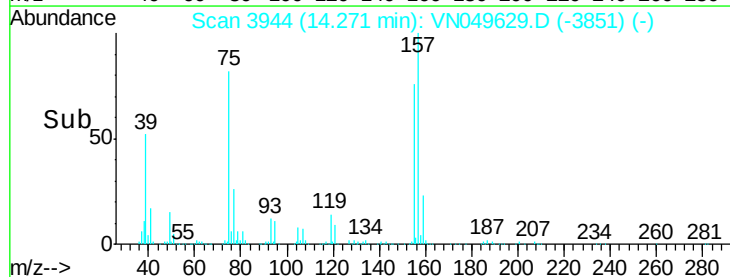
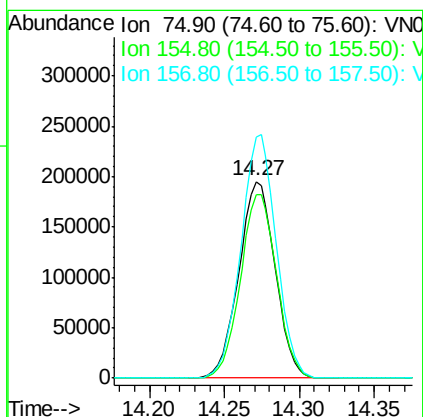
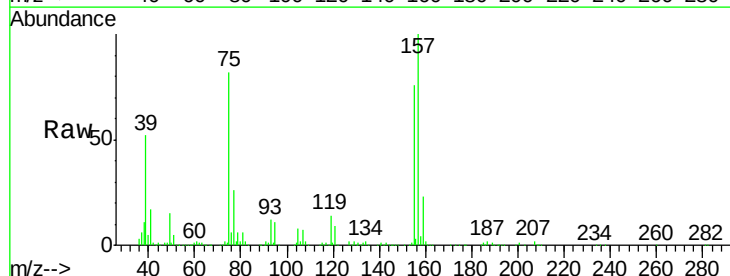
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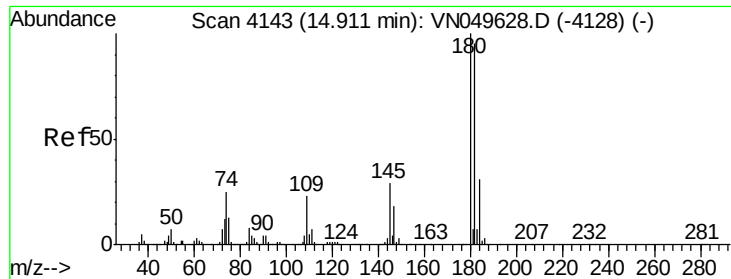
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 86.42 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN049629.D
 Acq: 29 Jun 2018 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.7	45.7	137.1
157	120.3	56.9	170.7





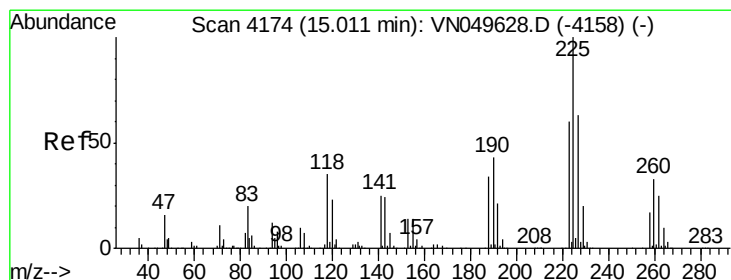
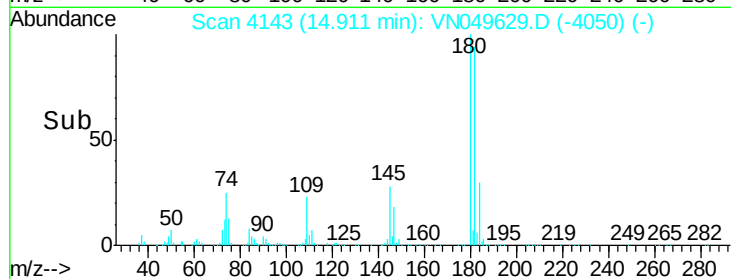
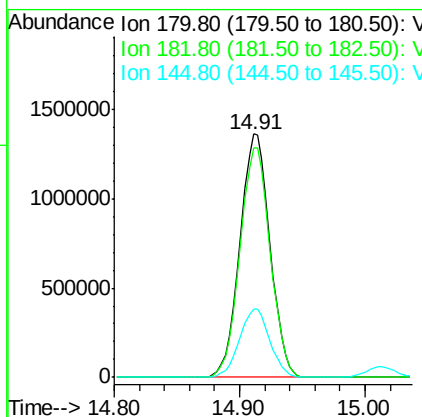
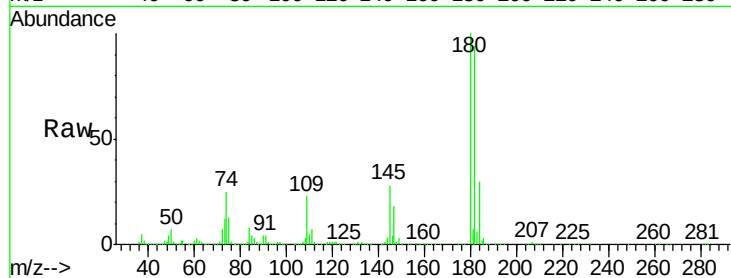
#93
 1,2,4-Trichlorobenzene
 Concen: 108.99 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049629.D
 Acq: 29 Jun 2018 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	141.9
145	28.3	14.4	43.0

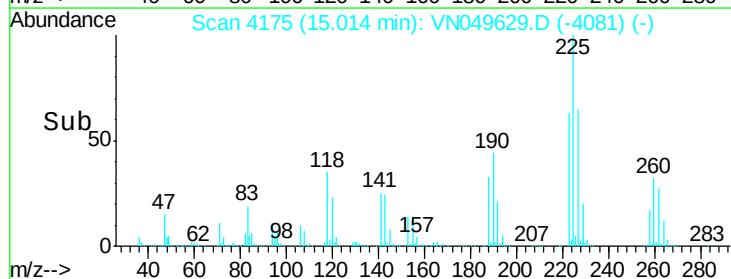
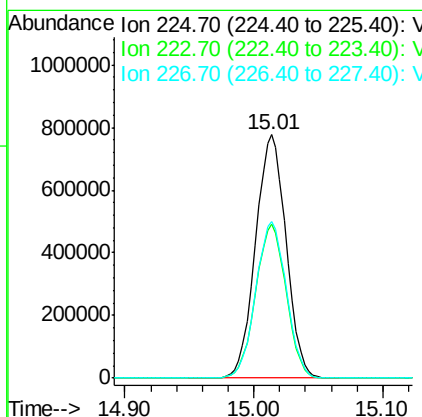
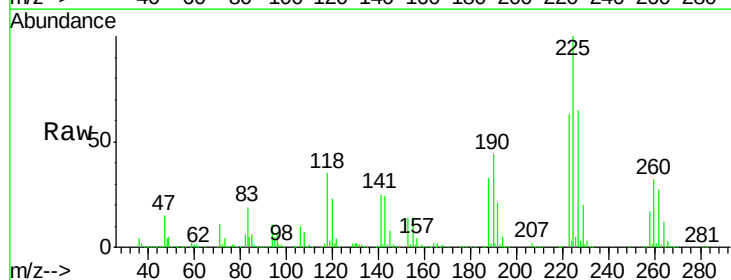
Manual Integrations
 APPROVED

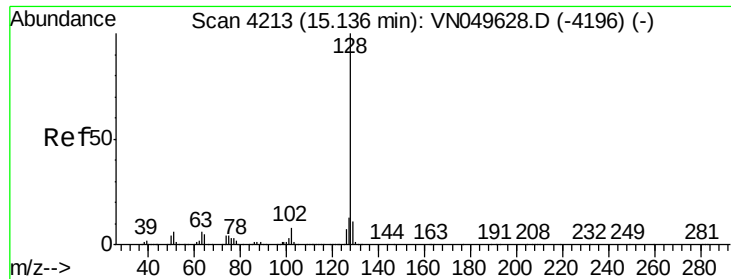
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#94
 Hexachlorobutadiene
 Concen: 89.06 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049629.D
 Acq: 29 Jun 2018 12:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.9	92.7
227	64.3	31.8	95.4





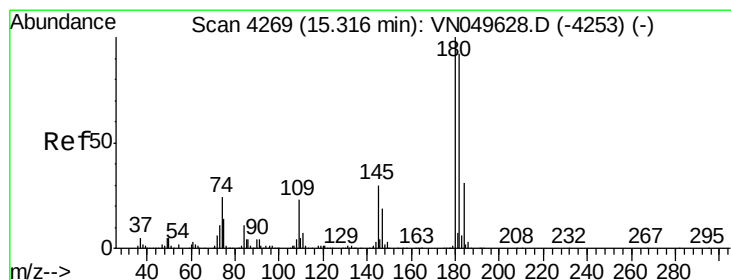
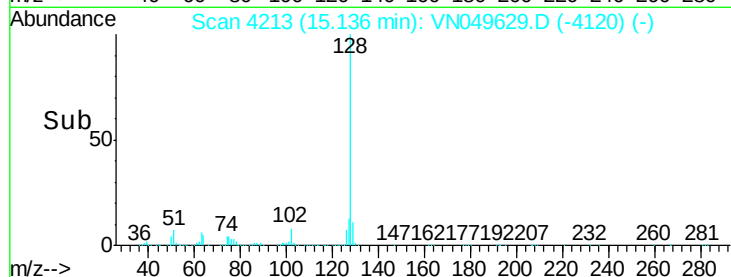
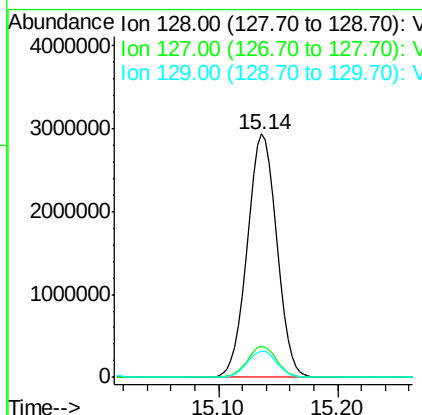
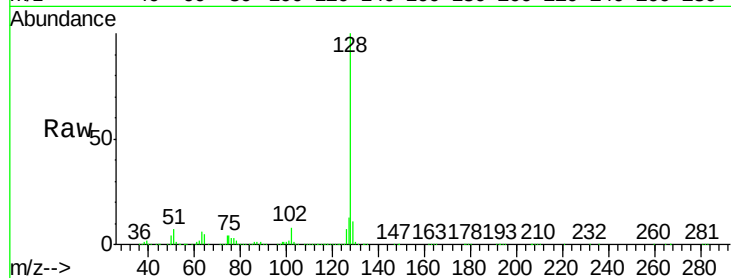
#95
Naphthalene
Concen: 112.74 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. -0.00 min
Lab File: VN049629.D
Acq: 29 Jun 2018 12:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 99.28 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN049629.D
Acq: 29 Jun 2018 12:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.4	142.2
145	30.6	15.2	45.6

