

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062918\
 Data File : VN049628.D
 Acq On : 29 Jun 2018 12:10
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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 7/2/2018 2:19:33 PM

Quant Time: Jun 30 00:32:45 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	1361767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2010664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1828428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1002972	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	854965	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
35) Dibromofluoromethane	7.59	113	741217	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	10.09	98	2926340	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
62) 4-Bromofluorobenzene	12.40	95	1003881	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	762527	49.69	ug/l	100
3) Chloromethane	2.06	50	892548	46.57	ug/l	100
4) Vinyl Chloride	2.18	62	983271	47.76	ug/l	100
5) Bromomethane	2.56	94	474408	43.87	ug/l	100
6) Chloroethane	2.70	64	603063	46.28	ug/l	100
7) Trichlorofluoromethane	3.02	101	1040160	44.23	ug/l	100
8) Diethyl Ether	3.41	74	436968	45.84	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	776776	45.91	ug/l	100
10) Methyl Iodide	3.95	142	997352	47.10	ug/l	100
11) Tert butyl alcohol	4.79	59	241355	233.88	ug/l	100
12) 1,1-Dichloroethene	3.73	96	724354	45.29	ug/l	100
13) Acrolein	3.61	56	248620	257.92	ug/l	100
14) Allyl chloride	4.32	41	947989	43.15	ug/l	100
15) Acrylonitrile	4.99	53	1255287	235.52	ug/l	100
16) Acetone	3.82	43	856164	192.22	ug/l	100
17) Carbon Disulfide	4.05	76	2096169	43.23	ug/l	100
18) Methyl Acetate	4.33	43	774930	28.60	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1958100	47.49	ug/l	100
20) Methylene Chloride	4.55	84	812637	43.88	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	767814	46.64	ug/l	100
22) Diisopropyl ether	5.95	45	2410000	48.48	ug/l	100
23) Vinyl Acetate	5.90	43	8023836	248.93	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1450930	46.33	ug/l	100
25) 2-Butanone	6.84	43	1394993	233.66	ug/l	100
26) 2,2-Dichloropropane	6.82	77	1191147	45.80	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	867957	47.20	ug/l	100
28) Bromochloromethane	7.20	49	647832	48.74	ug/l	100
29) Tetrahydrofuran	7.21	42	924279	242.90	ug/l	100
30) Chloroform	7.37	83	1474518	46.19	ug/l	100
31) Cyclohexane	7.65	56	1279475	41.49	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	1265267	46.82	ug/l	100
36) 1,1-Dichloropropene	7.79	75	1120406	49.53	ug/l	100
37) Ethyl Acetate	6.93	43	654778	49.63	ug/l	100
38) Carbon Tetrachloride	7.77	117	1042442	47.37	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1202058	48.47	ug/l	100
40) Benzene	8.04	78	3315705	48.00	ug/l	100
41) Methacrylonitrile	7.18	41	363675	51.64	ug/l	100
42) 1,2-Dichloroethane	8.12	62	1037662	47.07	ug/l	100
43) Isopropyl Acetate	8.17	43	1261036	40.45	ug/l	100
44) Trichloroethene	8.83	130	974840	46.80	ug/l	100
45) 1,2-Dichloropropane	9.12	63	873131	48.93	ug/l	100
46) Dibromomethane	9.21	93	514514	47.66	ug/l	100
47) Bromodichloromethane	9.40	83	1113689	48.46	ug/l	100
48) Methyl methacrylate	9.20	41	589829	50.31	ug/l	100
49) 1,4-Dioxane	9.20	88	160481	1018.11	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	3182752	246.04	ug/l	100
52) Toluene	10.16	92	2076727	49.77	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1086535	49.37	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1285588	49.98	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	737484	47.46	ug/l	100
56) Ethyl methacrylate	10.43	69	935794	51.38	ug/l	100
57) 1,3-Dichloropropane	10.71	76	1237098	49.10	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	2156163	254.31	ug/l	100
59) 2-Hexanone	10.75	43	2120443	247.89	ug/l	100
60) Dibromochloromethane	10.90	129	829687	49.41	ug/l	100
61) 1,2-Dibromoethane	11.01	107	726781	48.82	ug/l	100
64) Tetrachloroethene	10.63	164	1150983	46.49	ug/l	100
65) Chlorobenzene	11.44	112	2245427	47.08	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	820526	47.88	ug/l	100
67) Ethyl Benzene	11.51	91	3891397	49.35	ug/l	100
68) m/p-Xylenes	11.62	106	3040663	100.63	ug/l	100
69) o-Xylene	11.95	106	1442689	49.87	ug/l	100
70) Styrene	11.97	104	2399344	51.26	ug/l	100
71) Bromoform	12.13	173	552643	48.53	ug/l #	100
73) Isopropylbenzene	12.25	105	3820465	47.82	ug/l	100
74) N-amyl acetate	12.07	43	1039369	47.63	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	816322	43.27	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	773645m	44.43	ug/l	
77) Bromobenzene	12.53	156	972115	44.75	ug/l	100
78) n-propylbenzene	12.59	91	4491799	49.06	ug/l	100
79) 2-Chlorotoluene	12.68	91	2673435	46.14	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	3271464	49.28	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	226257	47.77	ug/l	100
82) 4-Chlorotoluene	12.77	91	2736481	46.97	ug/l	100
83) tert-Butylbenzene	12.99	119	2713988	47.59	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	3367426	49.36	ug/l	100
85) sec-Butylbenzene	13.17	105	3683098	48.74	ug/l	100
86) p-Isopropyltoluene	13.29	119	3288105	50.24	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1795516	44.77	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1749413	43.70	ug/l	100
89) n-Butylbenzene	13.62	91	2727412	48.68	ug/l	100
90) Hexachloroethane	13.88	117	320643	46.64	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1743836	44.73	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	138931	42.20	ug/l	100

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Manual Integrations
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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)
93) 1,2,4-Trichlorobenzene	14.91	180	865045	48.19	ug/l	100
94) Hexachlorobutadiene	15.01	225	532298	42.75	ug/l	100
95) Naphthalene	15.14	128	1800820	46.76	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	830684	44.98	ug/l	100

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

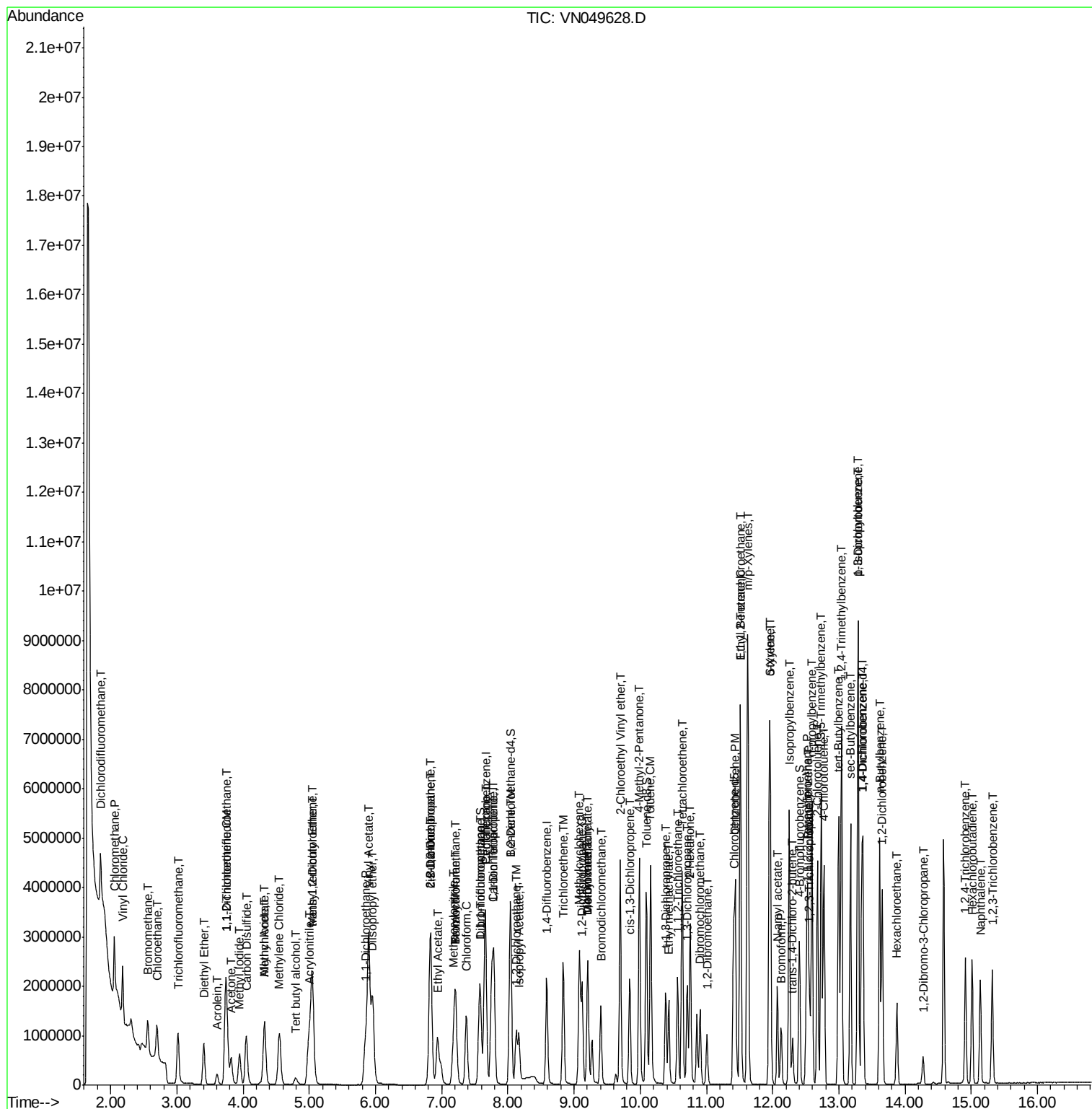
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062918\
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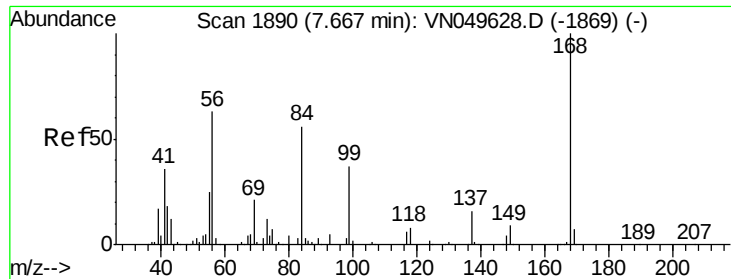
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 1361767

Ion Ratio Lower Upper

168 100

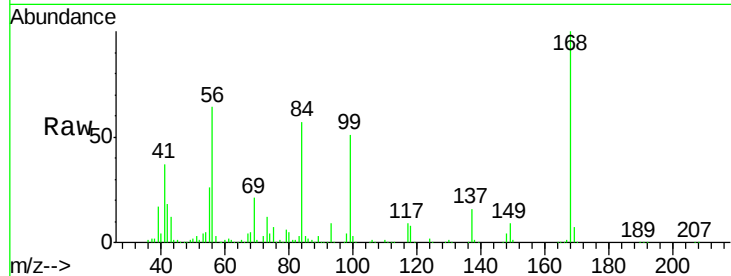
99 50.8 40.6 61.0

Manual Integrations

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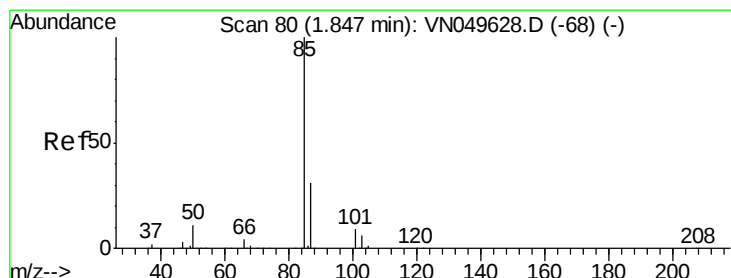
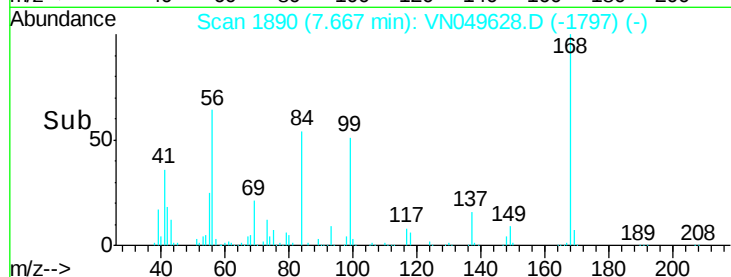
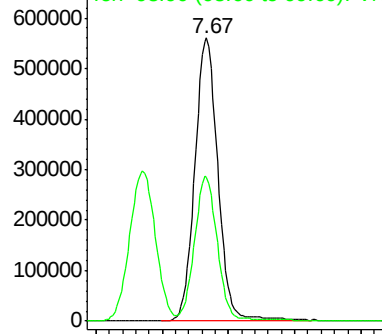
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 49.69 ug/l

RT: 1.85 min Scan# 80

Delta R.T. 0.00 min

Lab File: VN049628.D

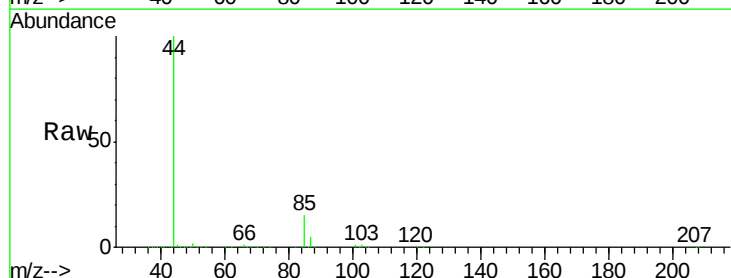
Acq: 29 Jun 2018 12:10

Tgt Ion: 85 Resp: 762527

Ion Ratio Lower Upper

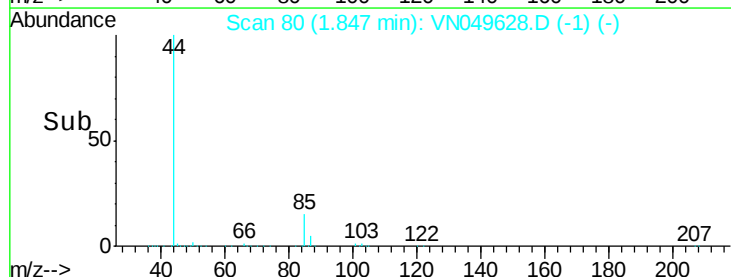
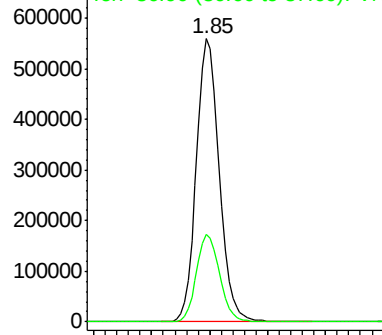
85 100

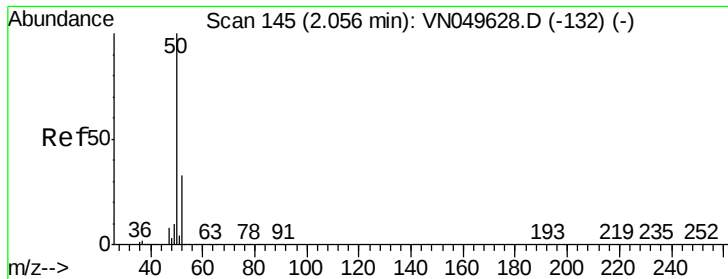
87 30.7 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 46.57 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 892548

Ion Ratio Lower Upper

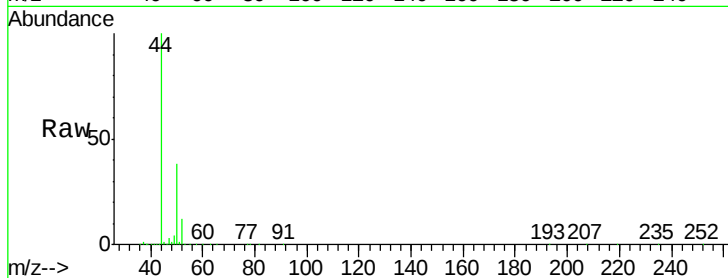
50 100

52 32.6 26.1 39.1

Manual Integrations
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Abundance Ion 49.90 (49.60 to 50.60): VN049628.D (-132) (-)

Ion 51.90 (51.60 to 52.60): VN049628.D (-132) (-)

2.06

800000

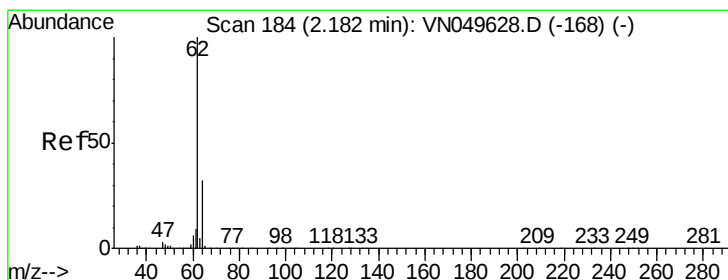
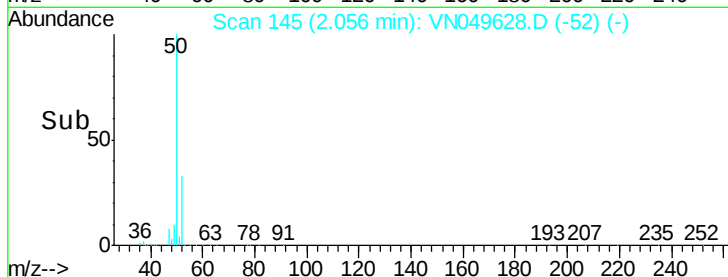
600000

400000

200000

0

Time-->



#4

Vinyl Chloride

Concen: 47.76 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN049628.D

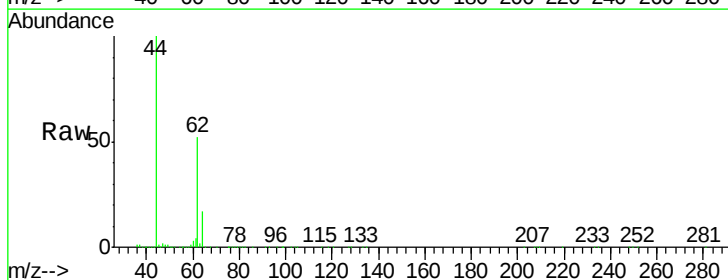
Acq: 29 Jun 2018 12:10

Tgt Ion: 62 Resp: 983271

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VN049628.D (-168) (-)

Ion 63.90 (63.60 to 64.60): VN049628.D (-168) (-)

2.18

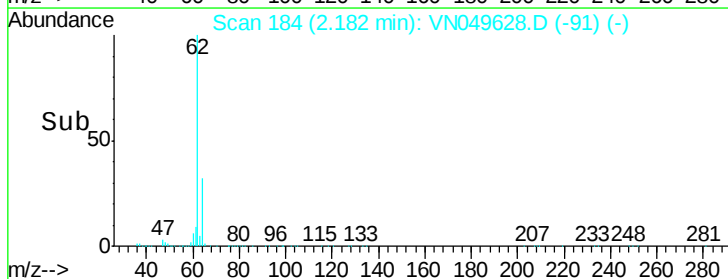
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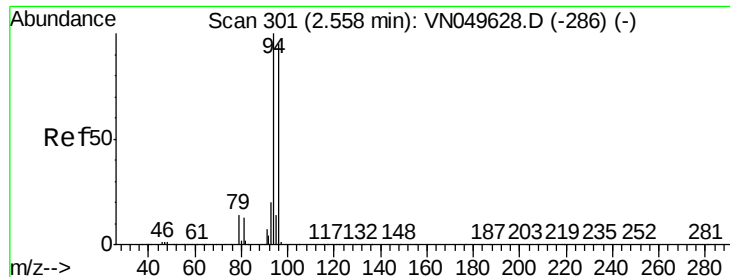
400000

200000

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Time-->





#5

Bromomethane

Concen: 43.87 ug/l

RT: 2.56 min Scan# 301

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion: 94 Resp: 474408

Ion Ratio Lower Upper

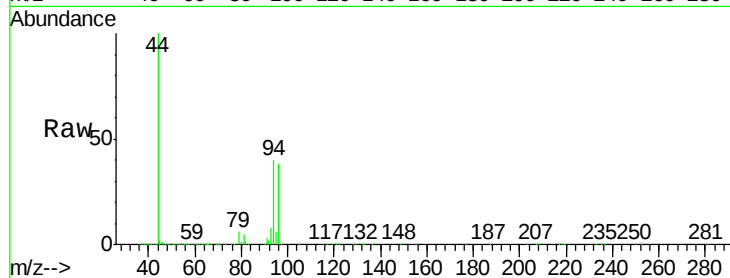
94 100

96 94.6 75.7 113.5

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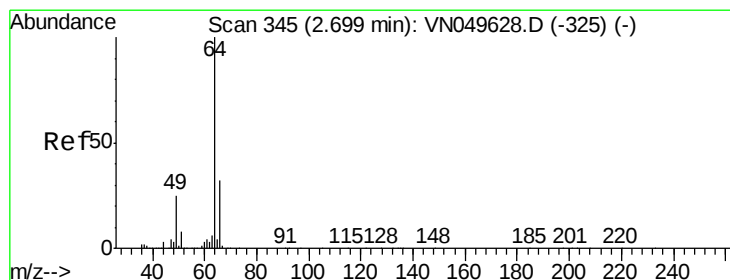
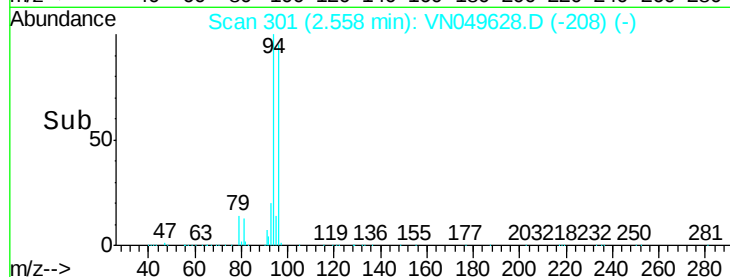
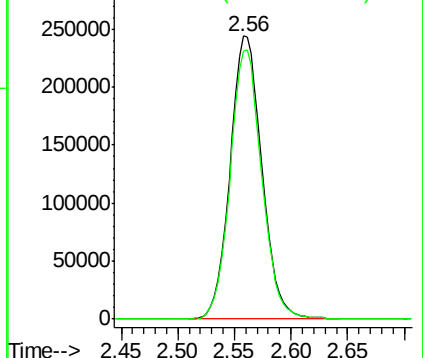
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.28 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN049628.D

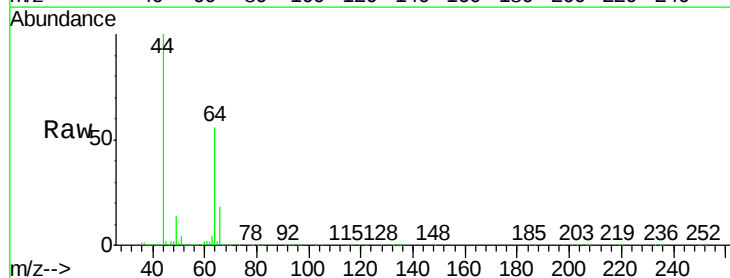
Acq: 29 Jun 2018 12:10

Tgt Ion: 64 Resp: 603063

Ion Ratio Lower Upper

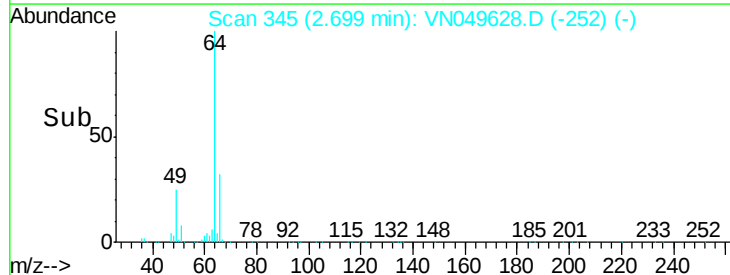
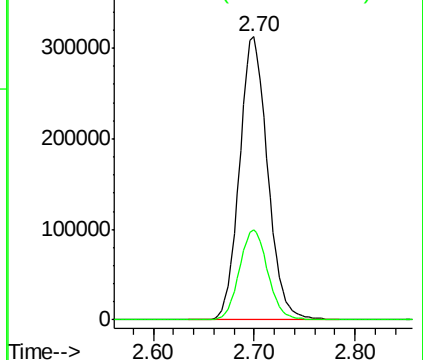
64 100

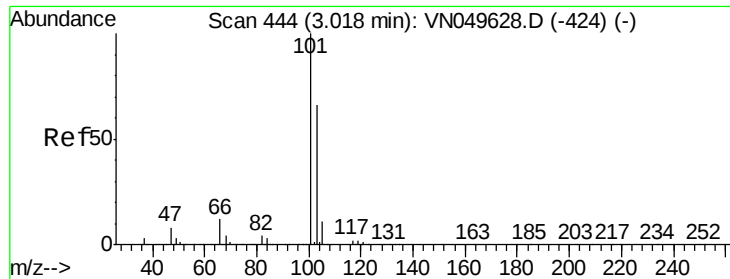
66 32.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

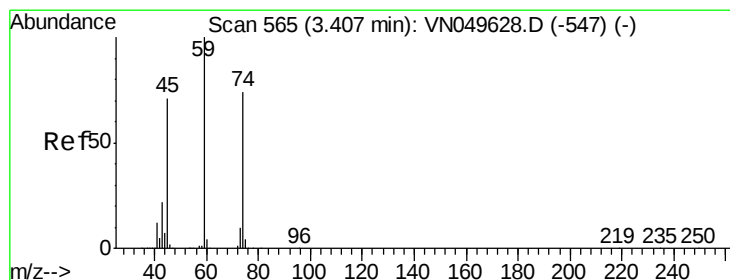
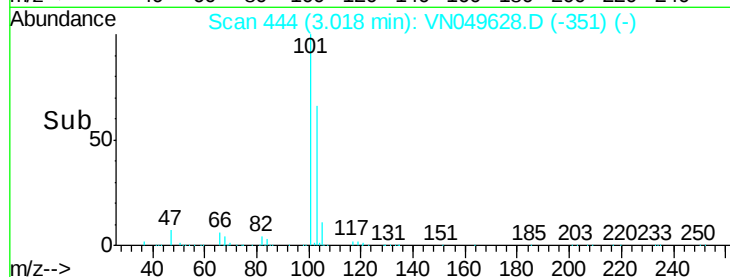
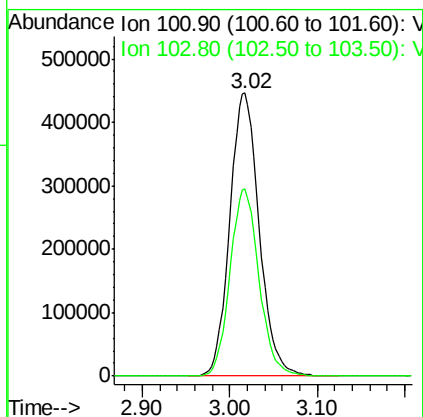
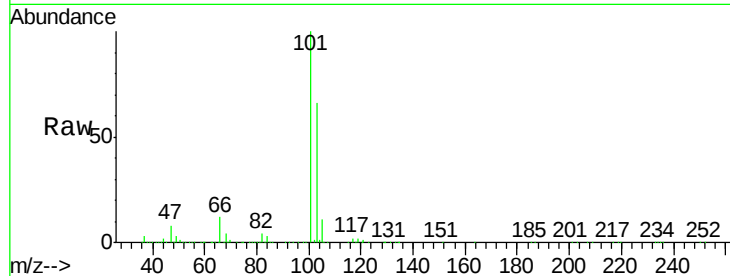
Trichlorofluoromethane
Concen: 44.23 ug/l
RT: 3.02 min Scan# 444
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:101 Resp: 1040160
Ion Ratio Lower Upper
101 100
103 66.0 52.8 79.2

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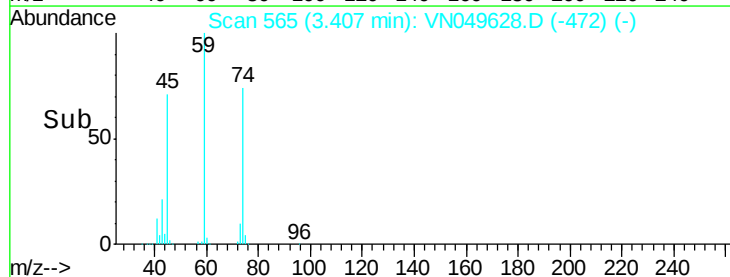
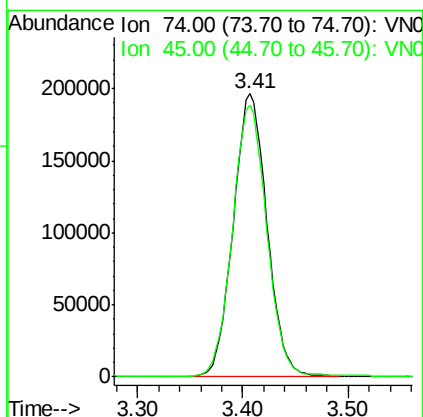
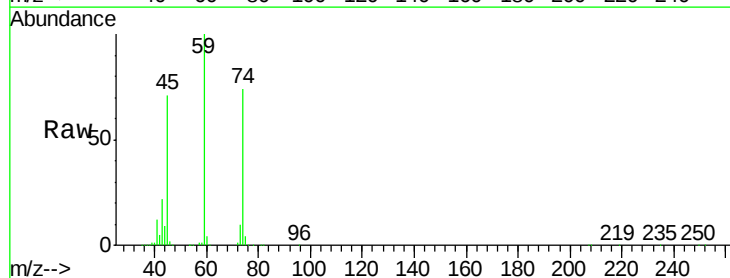
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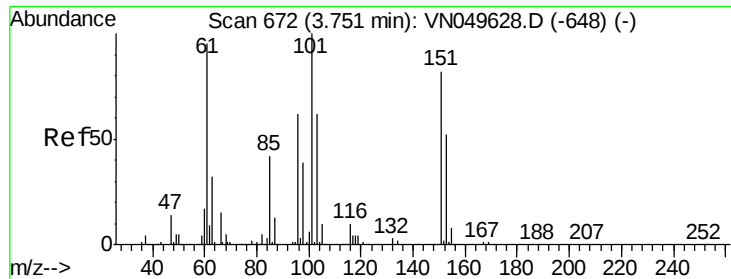


#8

Diethyl Ether
Concen: 45.84 ug/l
RT: 3.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion: 74 Resp: 436968
Ion Ratio Lower Upper
74 100
45 96.8 48.4 145.2





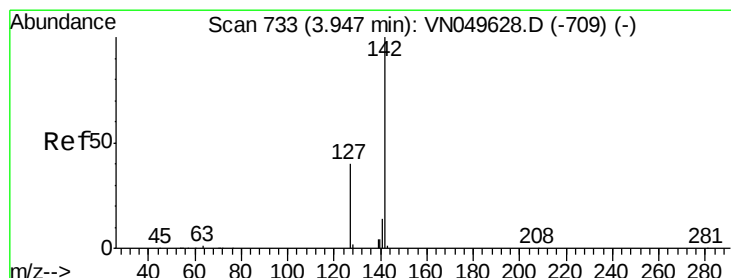
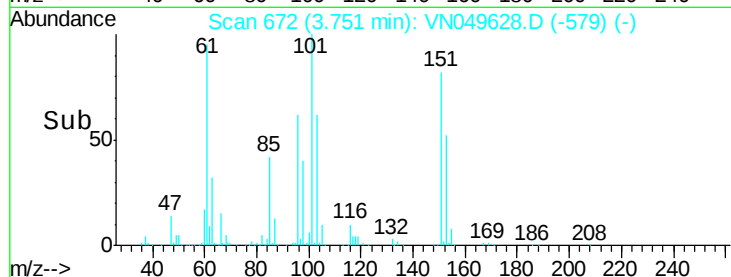
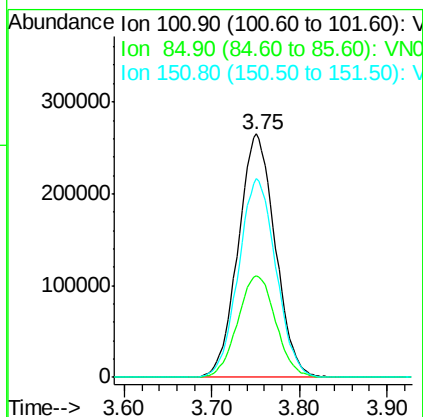
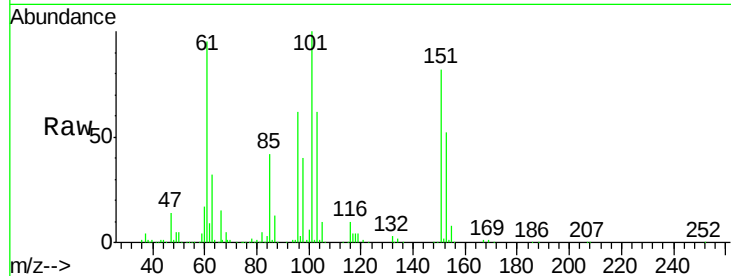
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.91 ug/l
 RT: 3.75 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	776776		
85	43.0		34.4	51.6
151	82.8		66.2	99.4

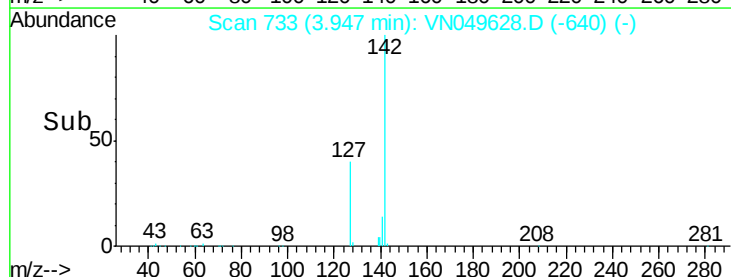
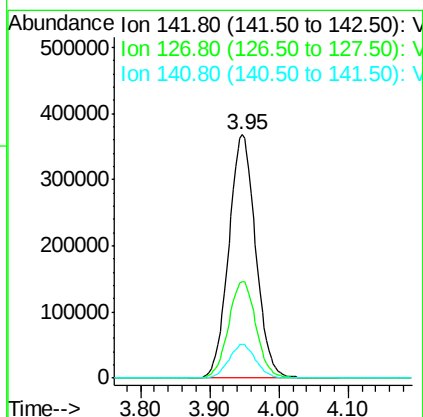
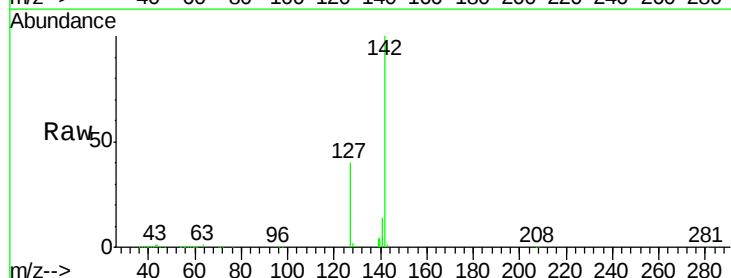
Manual Integrations
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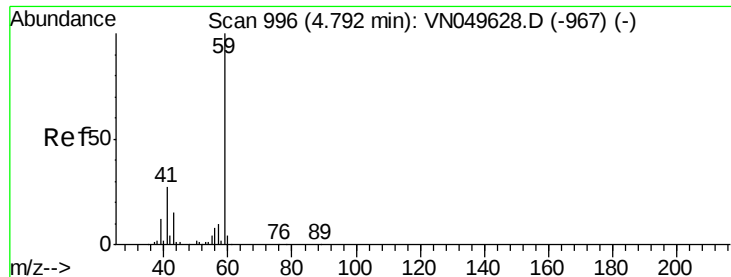
apatel
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#10
 Methyl Iodide
 Concen: 47.10 ug/l
 RT: 3.95 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	997352		
127	40.6		32.5	48.7
141	13.9		11.1	16.7





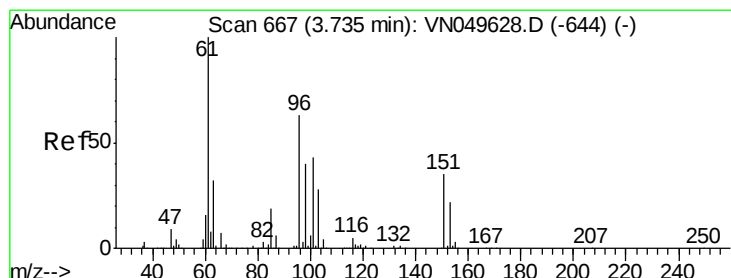
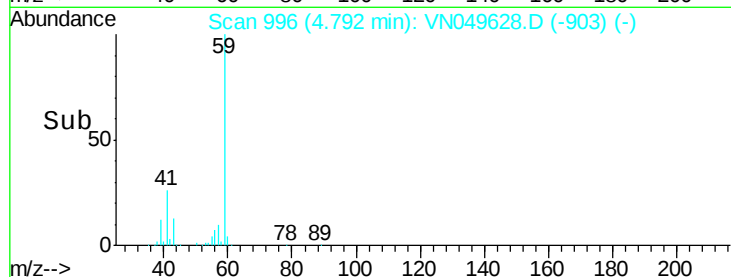
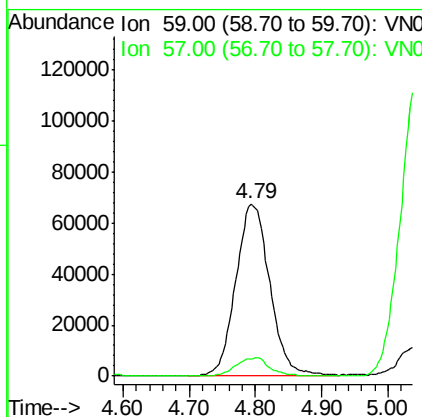
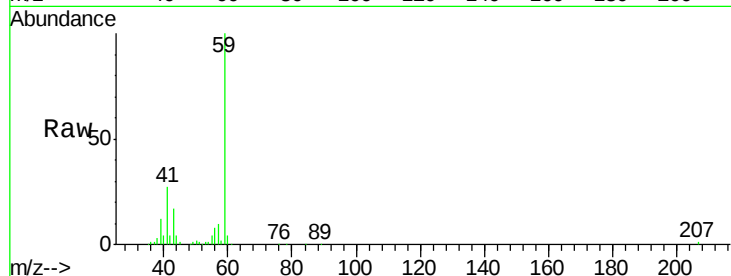
#11
Tert butyl alcohol
Concen: 233.88 ug/l
RT: 4.79 min Scan# 996
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	59	Resp	241355
Ion Ratio	100	Lower	Upper
57	10.6	8.5	12.7

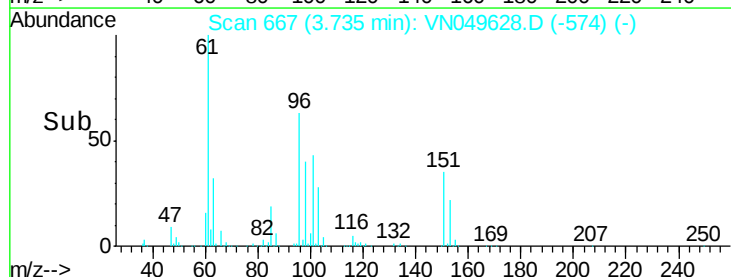
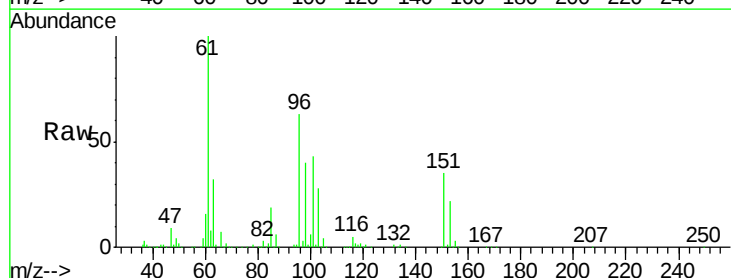
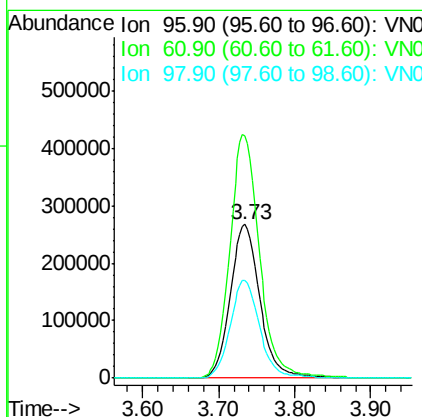
Manual Integrations
APPROVED

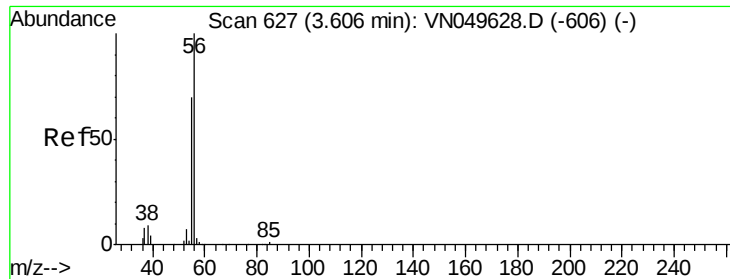
apatel
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#12
1,1-Dichloroethene
Concen: 45.29 ug/l
RT: 3.73 min Scan# 667
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion	96	Resp	724354
Ion Ratio	100	Lower	Upper
61	158.1	126.5	189.7
98	63.8	51.0	76.6





#13

Acrolein

Concen: 257.92 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion: 56 Resp: 248620

Ion Ratio Lower Upper

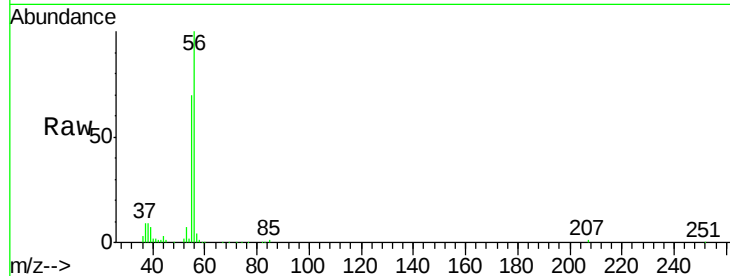
56 100

55 69.8 55.8 83.8

Manual Integrations
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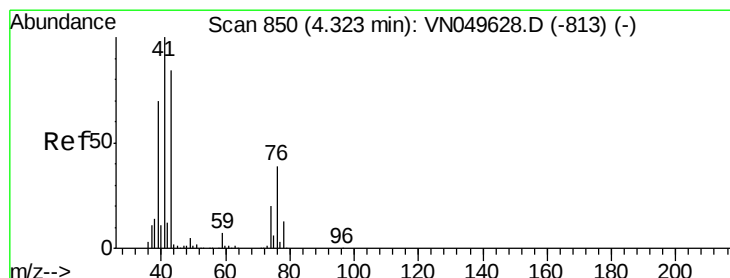
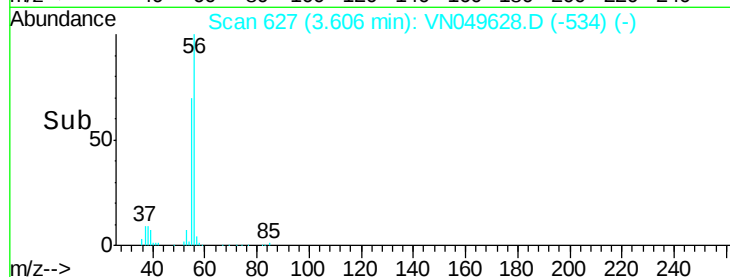
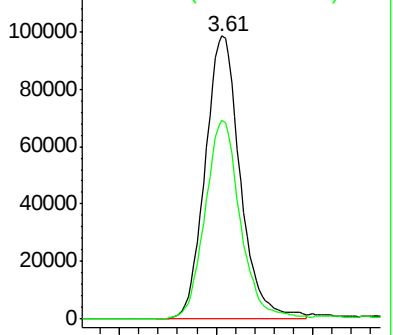
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 43.15 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

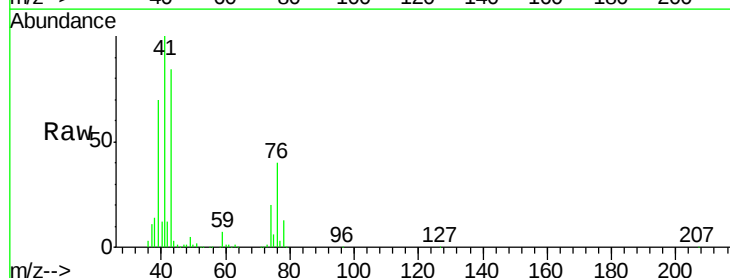
Tgt Ion: 41 Resp: 947989

Ion Ratio Lower Upper

41 100

39 66.5 53.2 79.8

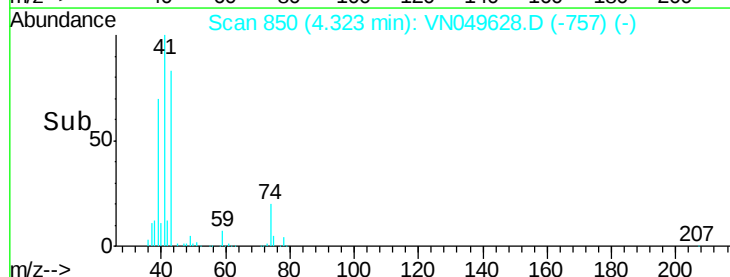
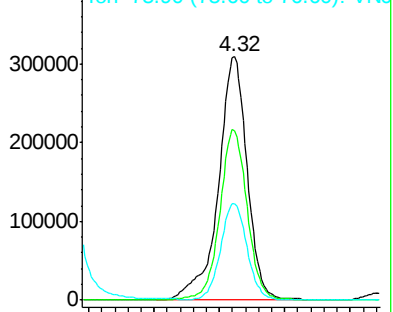
76 36.3 29.0 43.6

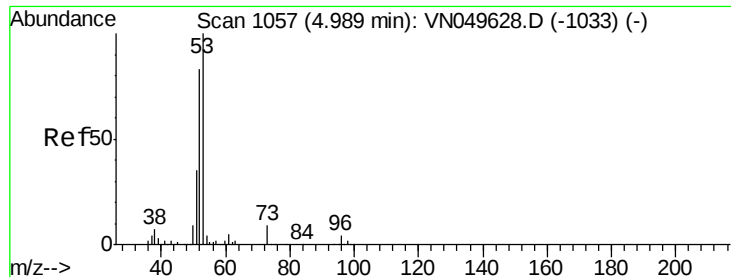


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 235.52 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion: 53 Resp: 1255287

Ion Ratio Lower Upper

53 100

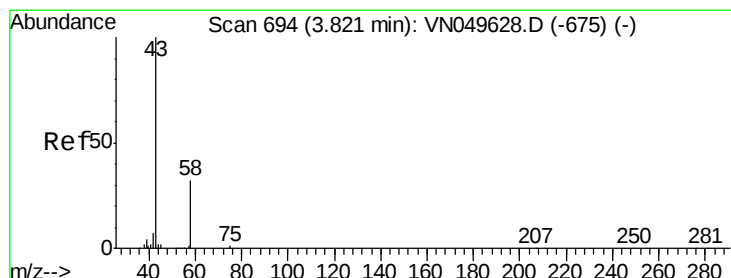
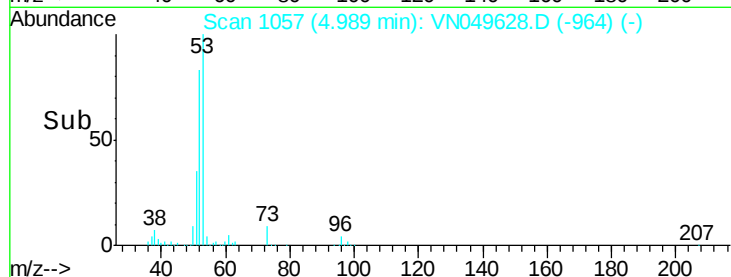
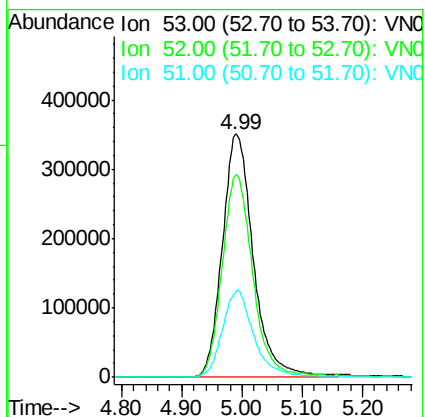
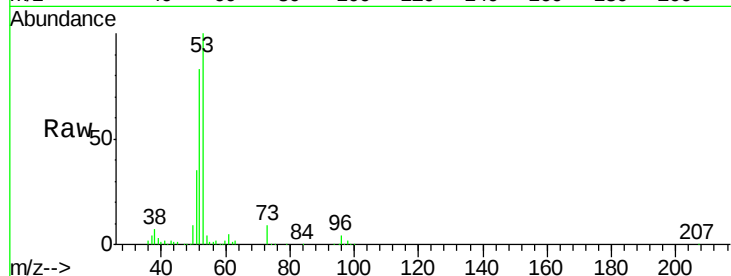
52 81.0 64.8 97.2

51 36.1 28.9 43.3

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#16

Acetone

Concen: 192.22 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049628.D

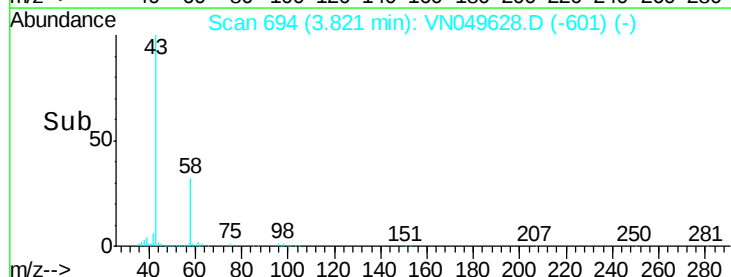
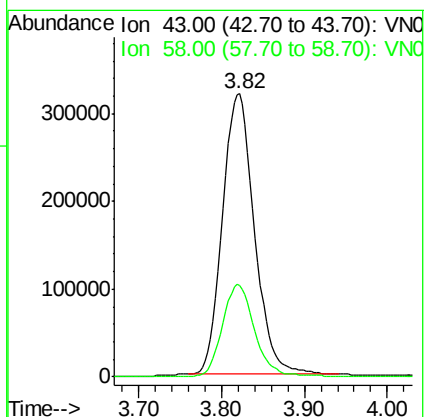
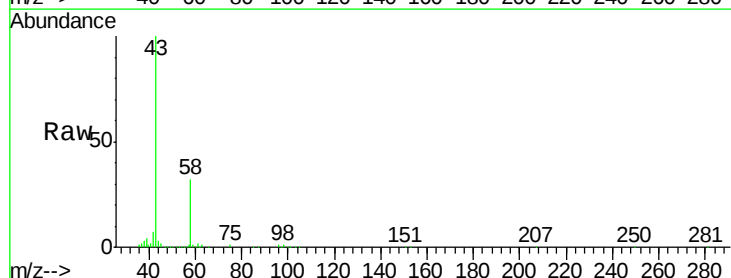
Acq: 29 Jun 2018 12:10

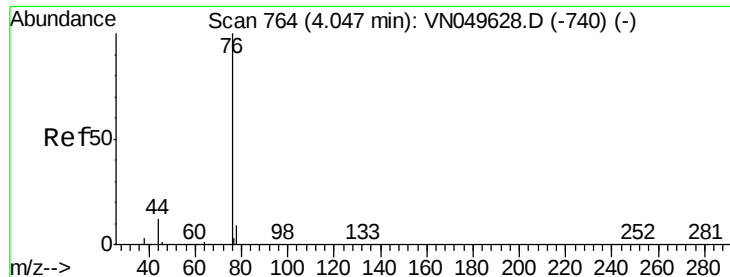
Tgt Ion: 43 Resp: 856164

Ion Ratio Lower Upper

43 100

58 32.4 25.9 38.9





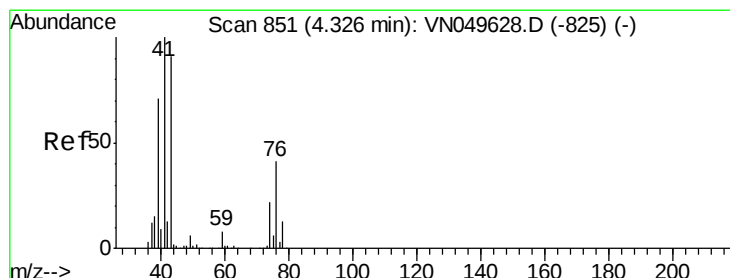
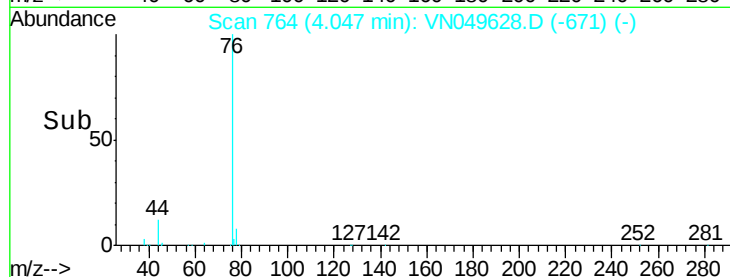
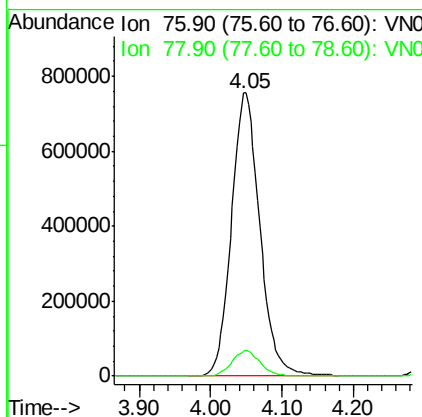
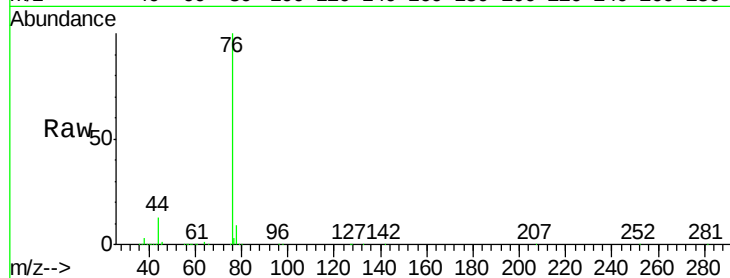
#17
Carbon Disulfide
Concen: 43.23 ug/l
RT: 4.05 min Scan# 764
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 76 Resp: 2096169
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

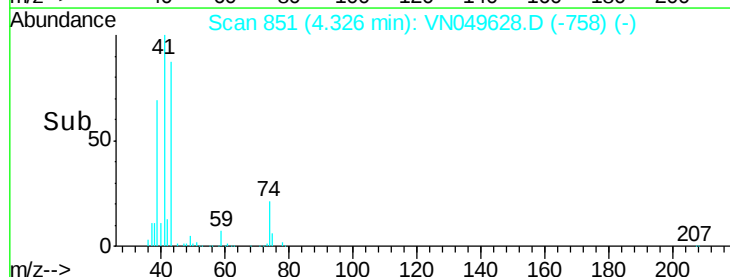
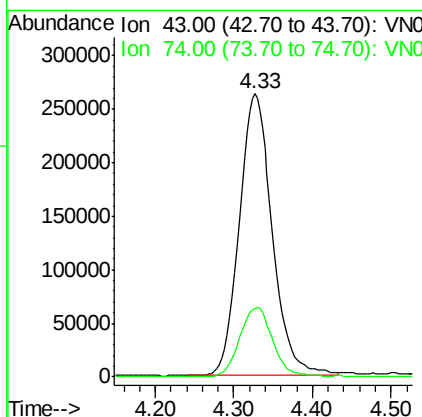
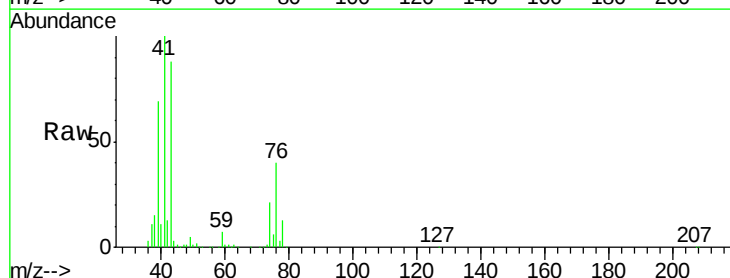
Manual Integrations
APPROVED

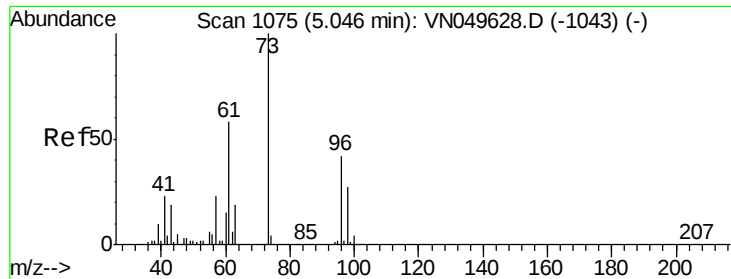
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#18
Methyl Acetate
Concen: 28.60 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion: 43 Resp: 774930
Ion Ratio Lower Upper
43 100
74 24.8 19.8 29.8





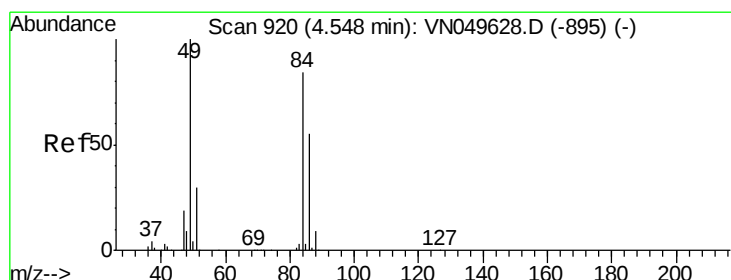
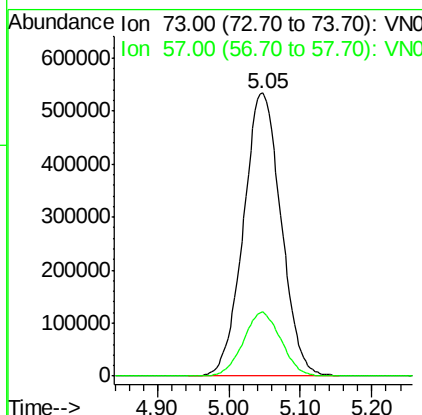
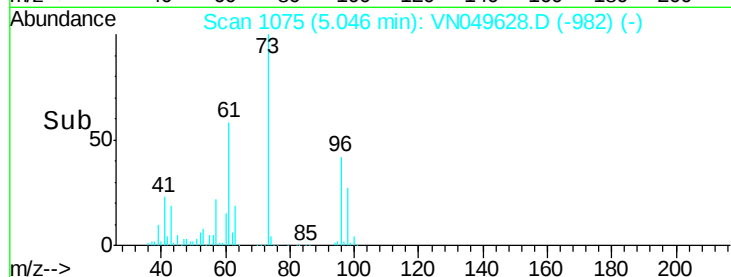
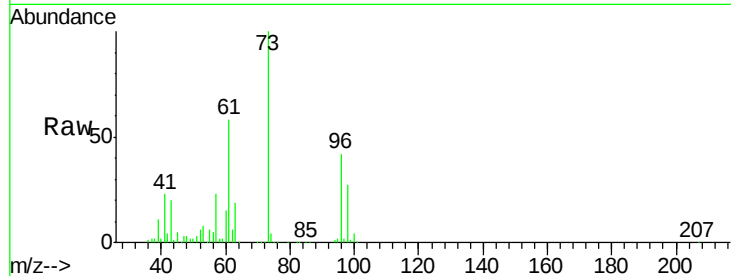
#19
Methvl tert-butvl Ether
Concen: 47.49 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion: 73 Resp: 1958100
Ion Ratio Lower Upper
73 100
57 22.6 18.1 27.1

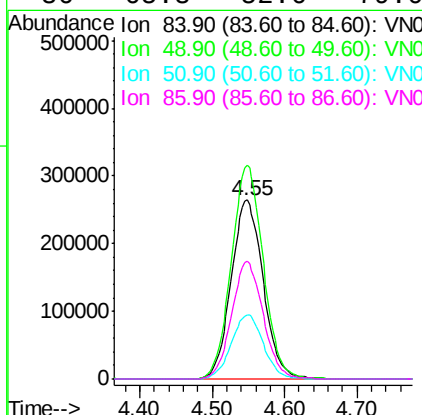
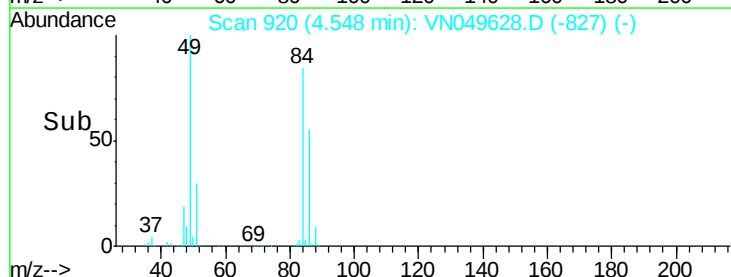
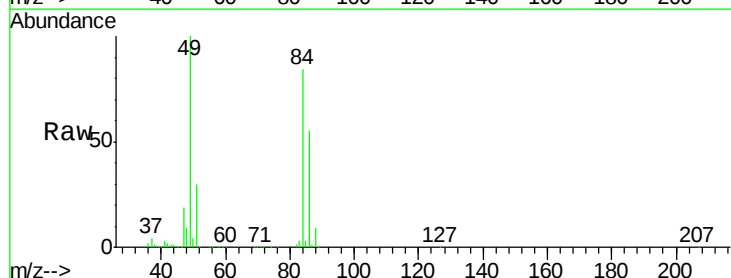
Manual Integrations
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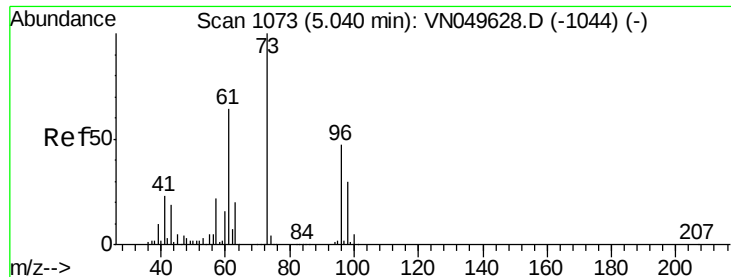
apatel
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#20
Methylene Chloride
Concen: 43.88 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion: 84 Resp: 812637
Ion Ratio Lower Upper
84 100
49 119.3 95.4 143.2
51 35.5 28.4 42.6
86 65.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 46.64 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

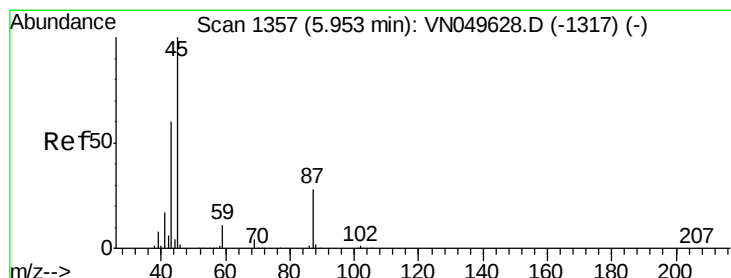
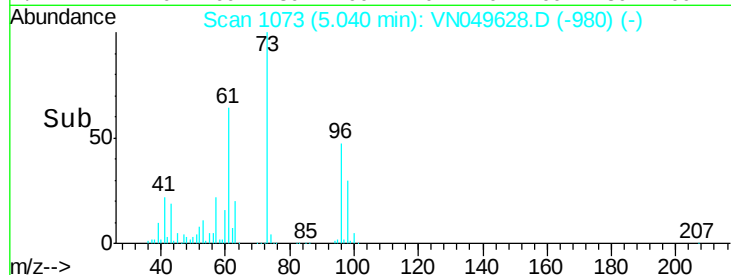
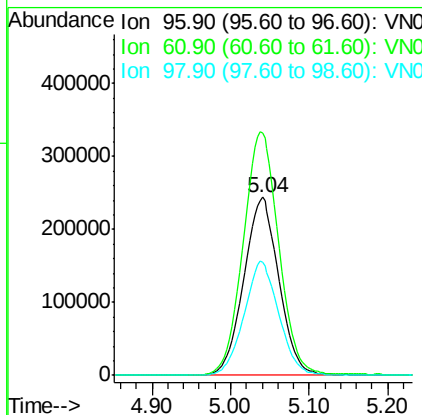
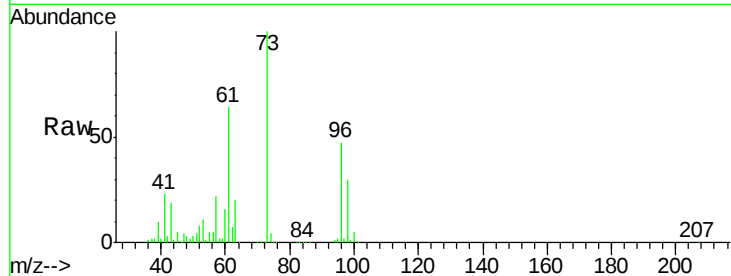
ClientSampled :

VSTDICCC050

Tot Ion:	96	Resp:	767814
Ion	Ratio	Lower	Upper
96	100		
61	136.3	109.0	163.6
98	63.9	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.48 ug/l

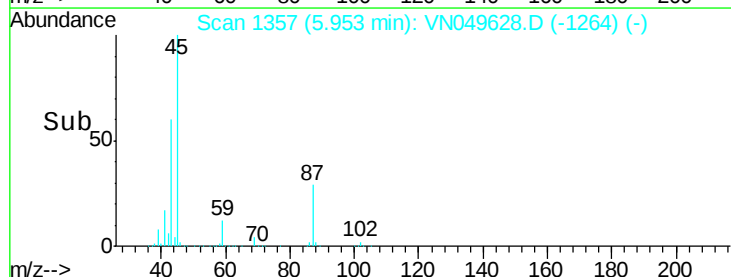
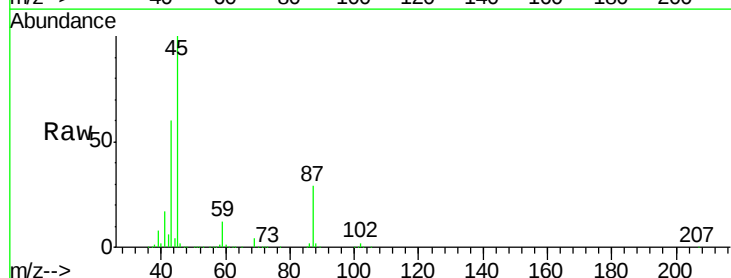
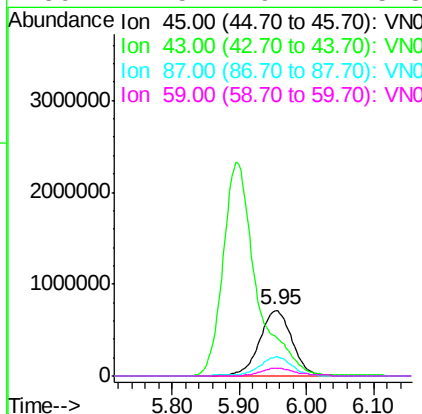
RT: 5.95 min Scan# 1357

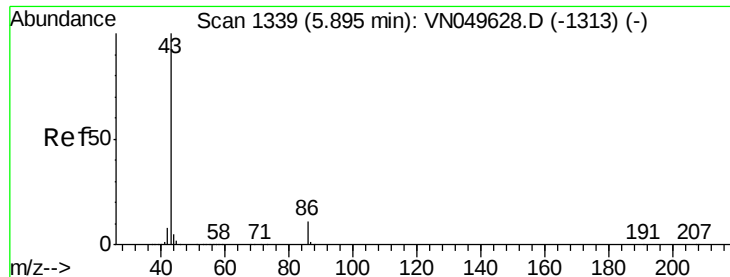
Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Tgt Ion:	45	Resp:	2410000
Ion	Ratio	Lower	Upper
45	100		
43	60.1	48.1	72.1
87	28.3	22.6	34.0
59	11.5	9.2	13.8





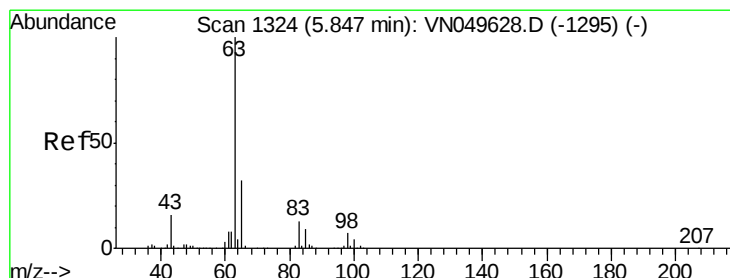
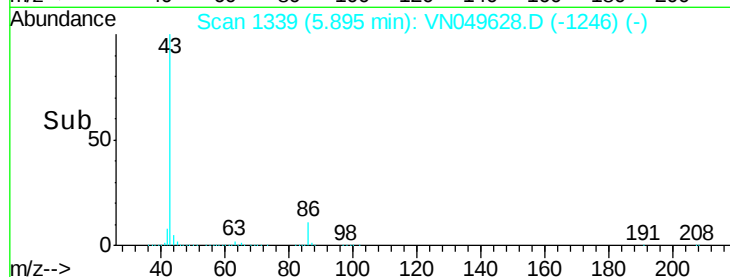
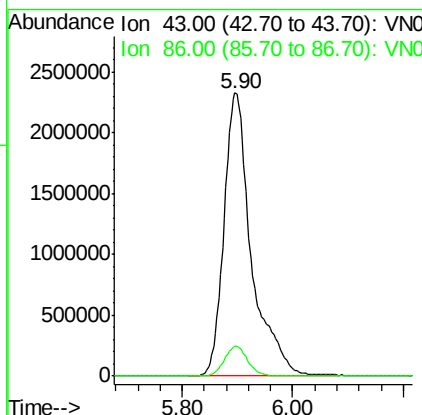
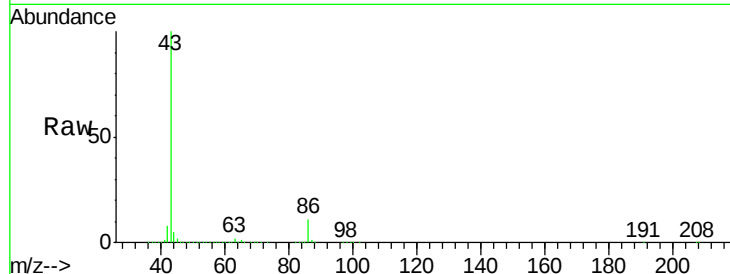
#23
 Vinyl Acetate
 Concen: 248.93 ug/l
 RT: 5.90 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tot Ion: 43 Resp: 8023836
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6

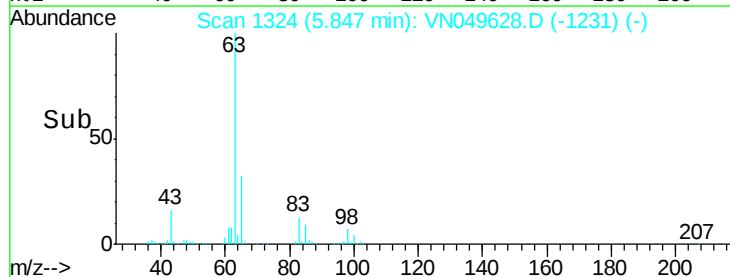
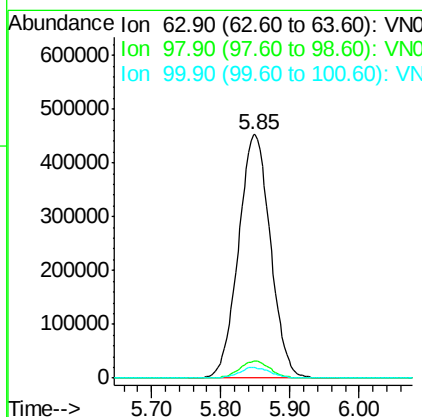
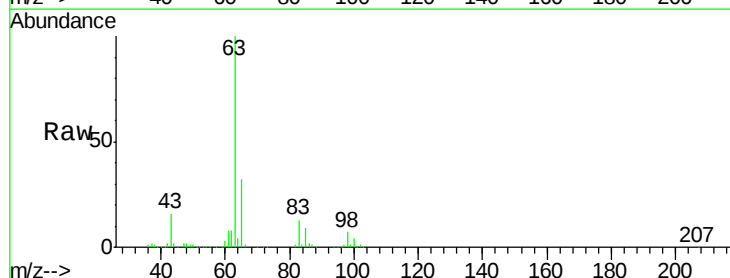
Manual Integrations
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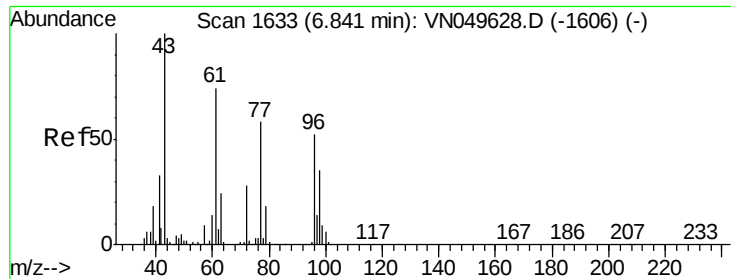
apatel
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#24
 1,1-Dichloroethane
 Concen: 46.33 ug/l
 RT: 5.85 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Tgt Ion: 63 Resp: 1450930
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.4 2.2 6.6





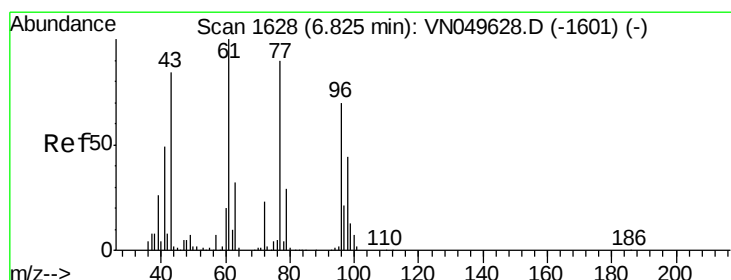
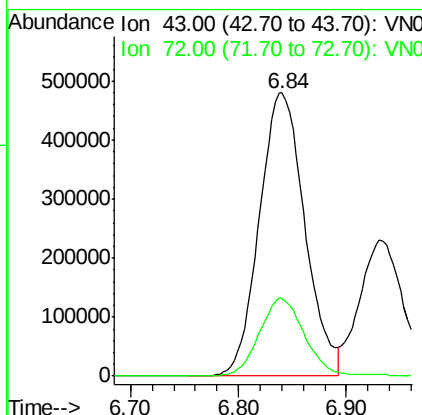
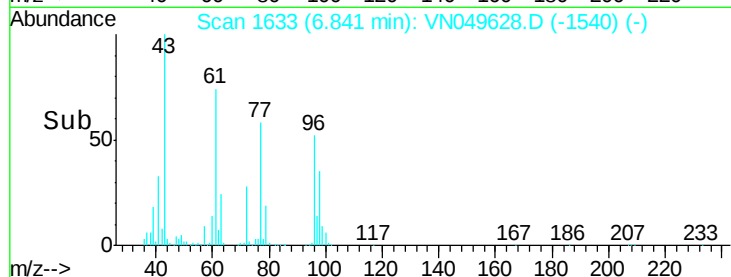
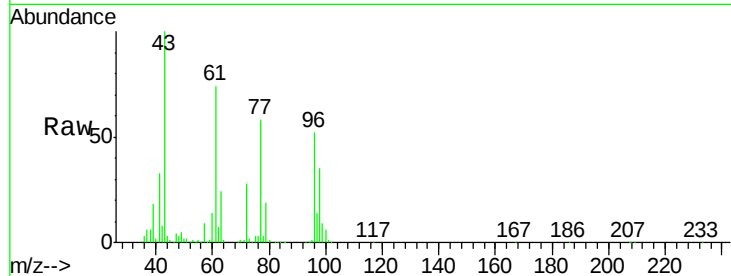
#25
2-Butanone
Concen: 233.66 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion: 43 Resp: 1394993
Ion Ratio Lower Upper
43 100
72 27.6 22.1 33.1

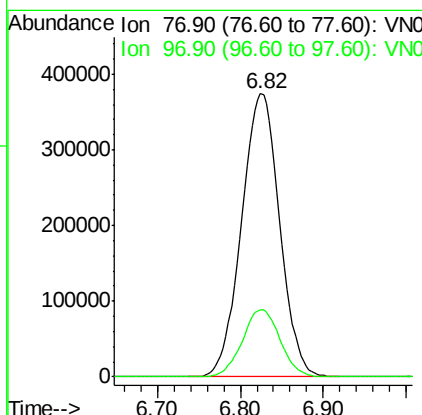
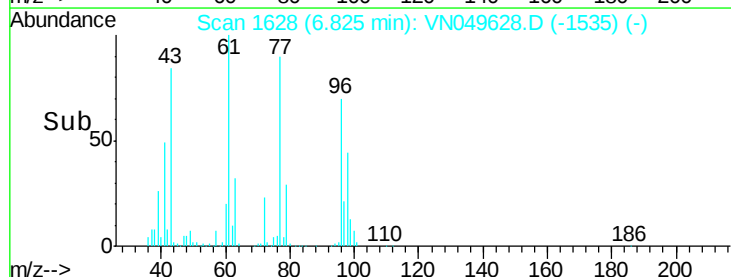
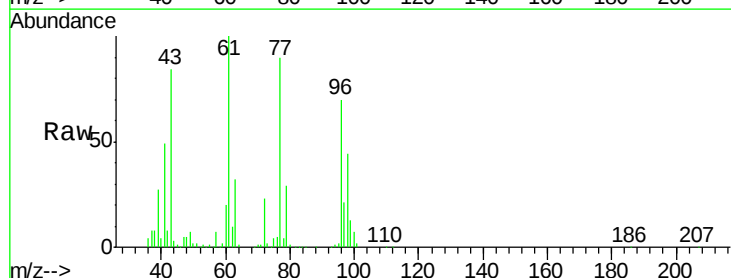
Manual Integrations
APPROVED

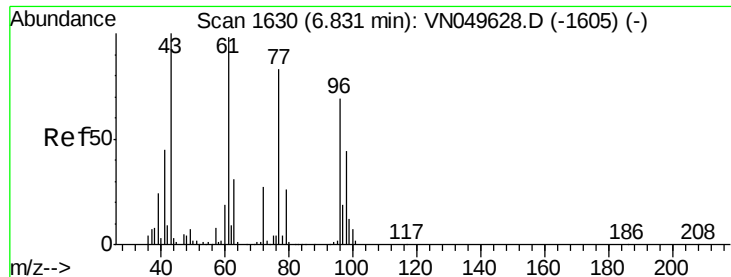
apatel
7/2/2018 2:19:33 PM



#26
2,2-Dichloropropane
Concen: 45.80 ug/l
RT: 6.82 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion: 77 Resp: 1191147
Ion Ratio Lower Upper
77 100
97 23.7 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 47.20 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

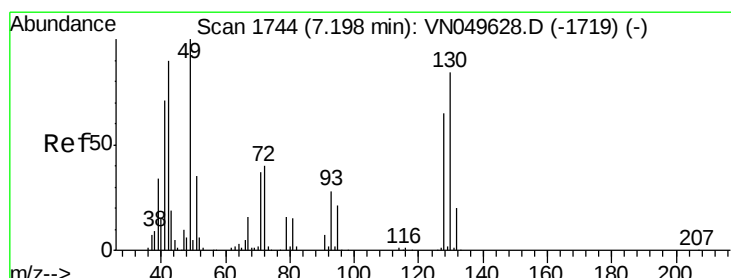
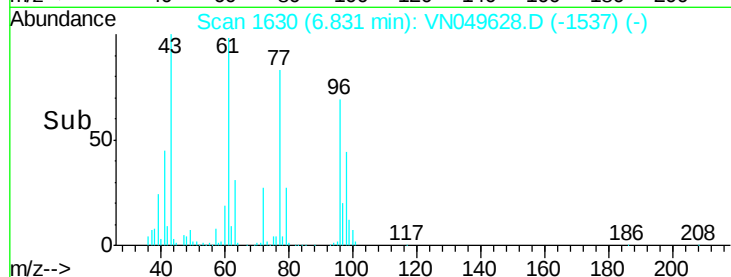
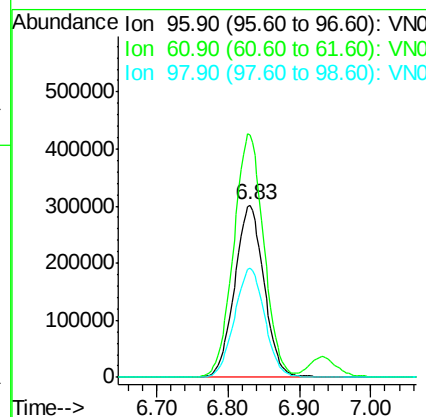
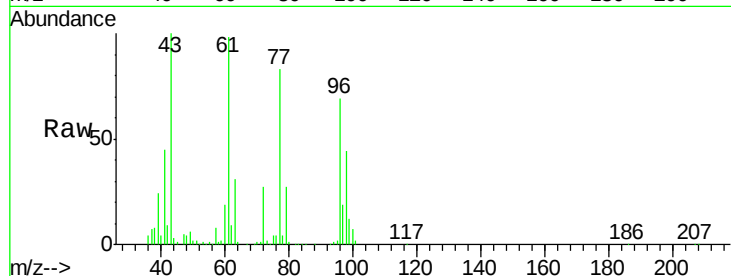
ClientSampled :

VSTDICCC050

Tot Ion:	96	Resp:	867957
Ion	Ratio	Lower	Upper
96	100		
61	144.5	0.0	289.0
98	65.1	0.0	130.2

Manual Integrations
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apatel
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#28

Bromochloromethane

Concen: 48.74 ug/l

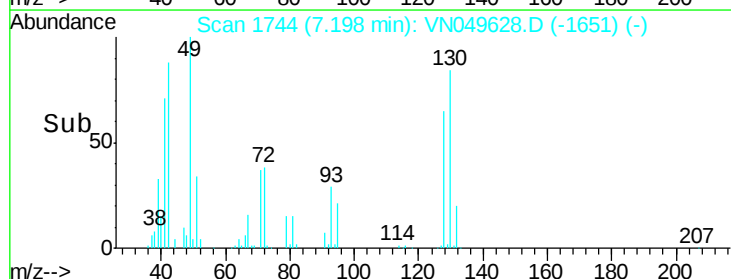
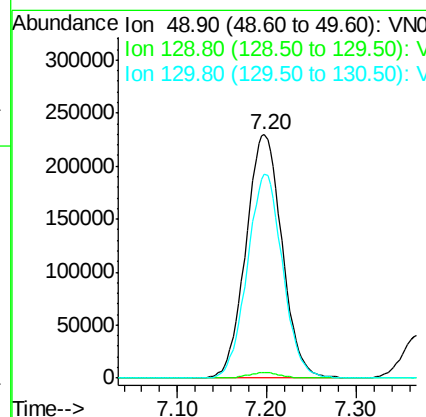
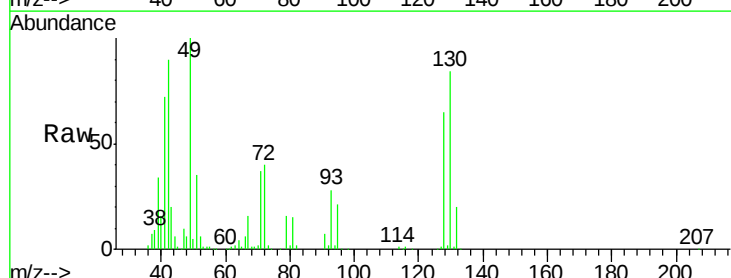
RT: 7.20 min Scan# 1744

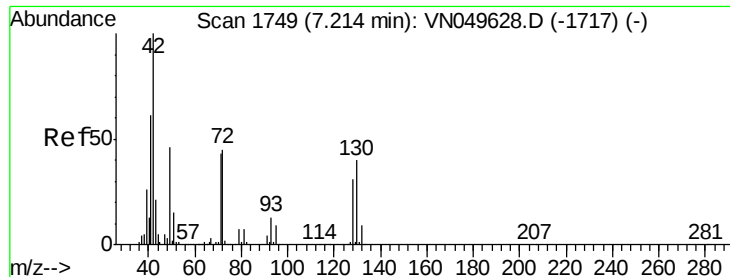
Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Tgt Ion:	49	Resp:	647832
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	81.9	65.5	98.3





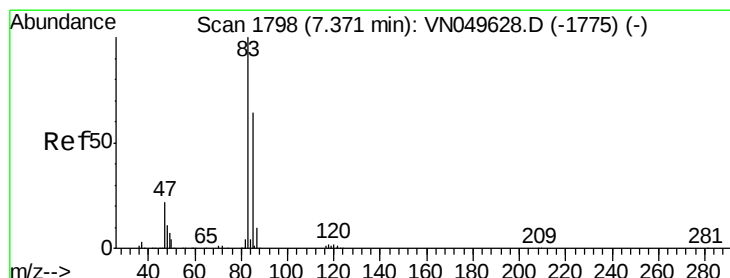
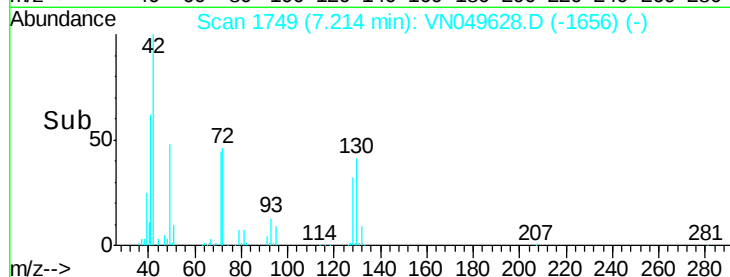
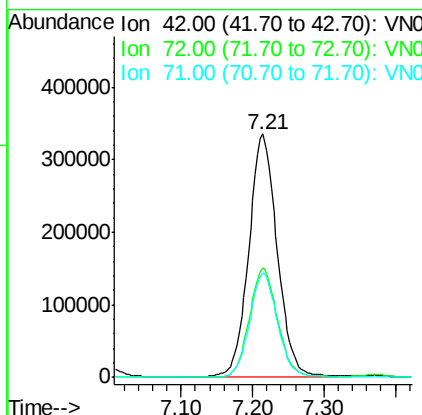
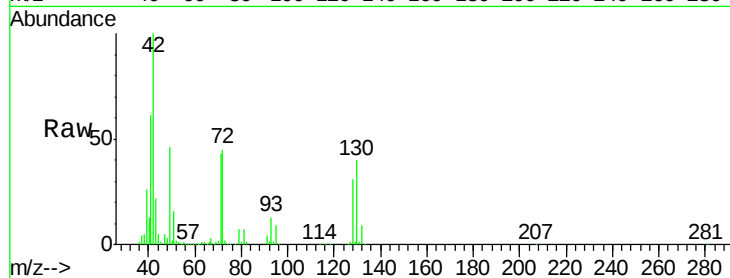
#29
Tetrahydrofuran
Concen: 242.90 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	35.6	53.4
71	42.5	34.0	51.0

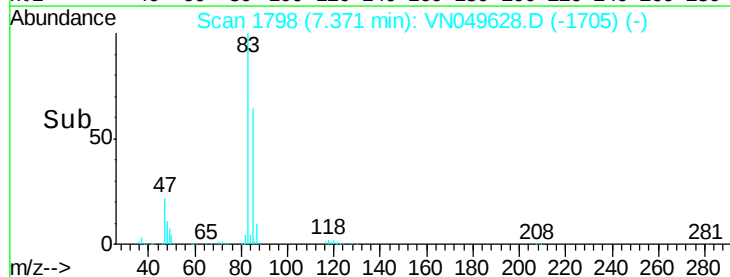
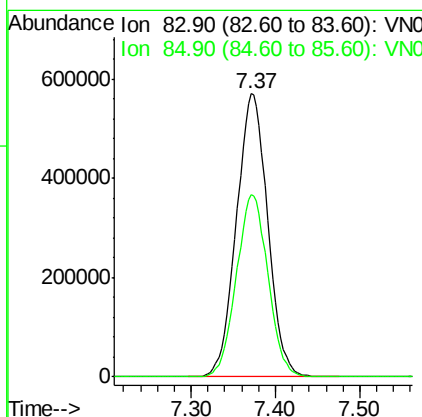
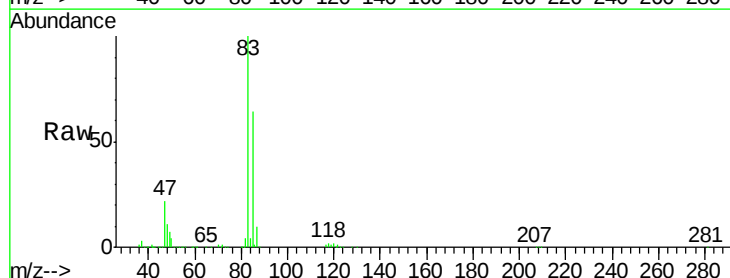
Manual Integrations
APPROVED

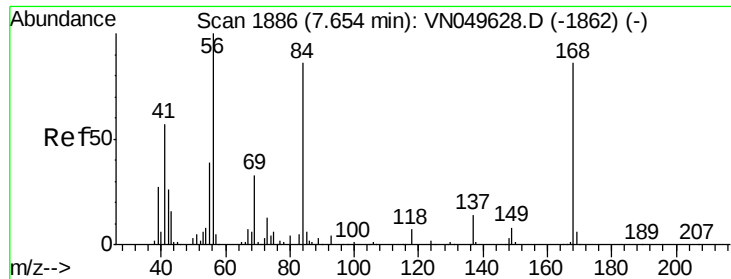
apatel
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#30
Chloroform
Concen: 46.19 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.2





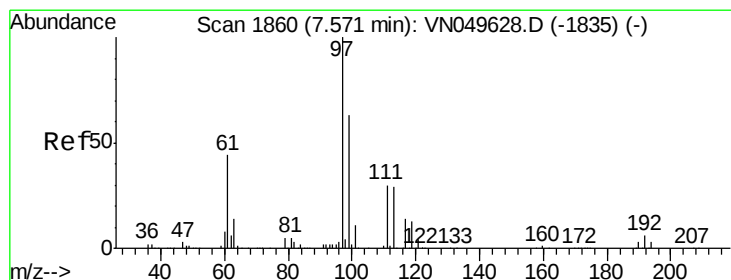
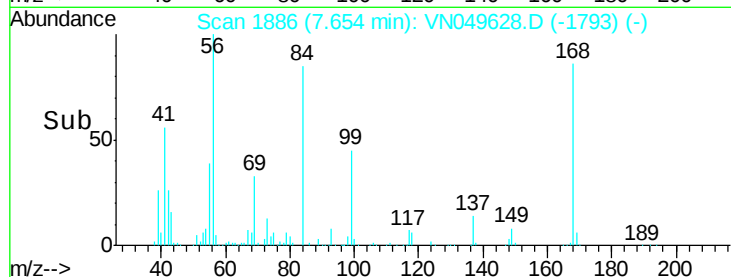
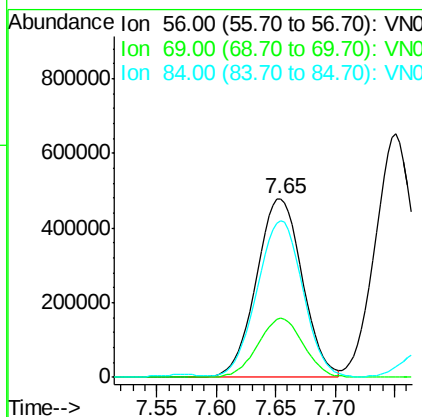
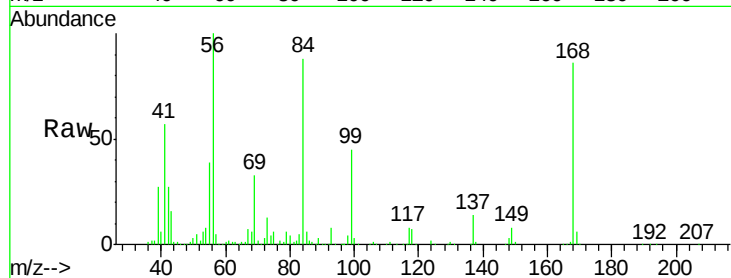
#31
Cyclohexane
Concen: 41.49 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion: 56 Resp: 1279475
Ion Ratio Lower Upper
56 100
69 33.3 26.6 40.0
84 86.3 69.0 103.6

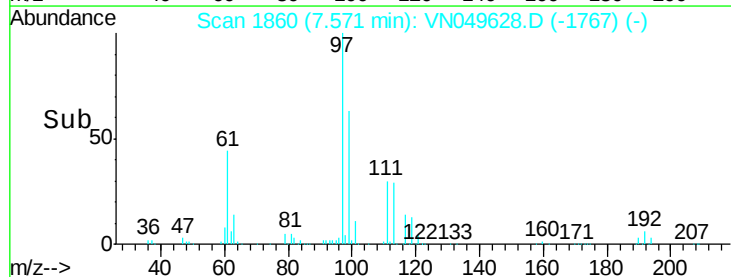
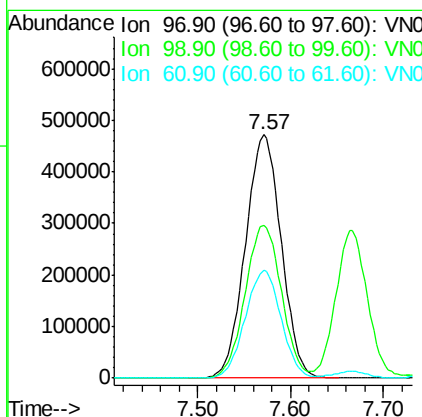
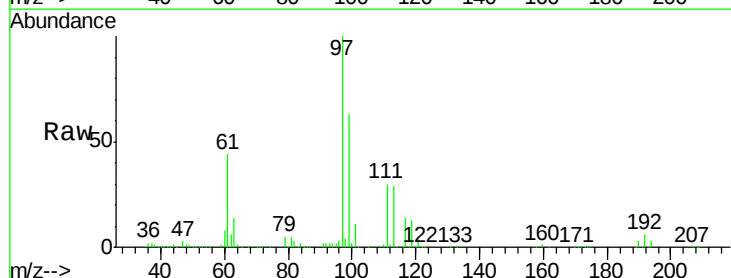
Manual Integrations
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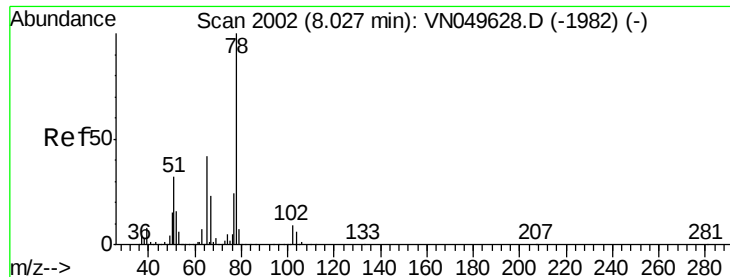
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#32
1,1,1-Trichloroethane
Concen: 46.82 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion: 97 Resp: 1265267
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 44.4 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 47.54 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 65 Resp: 854965

Ion Ratio Lower Upper

65 100

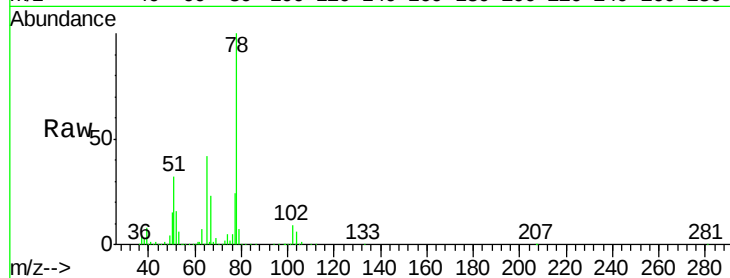
67 53.6 0.0 107.2

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

400000

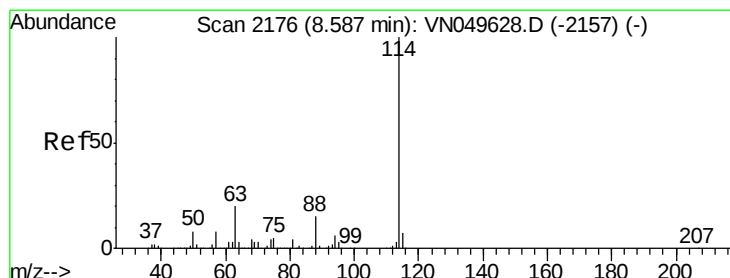
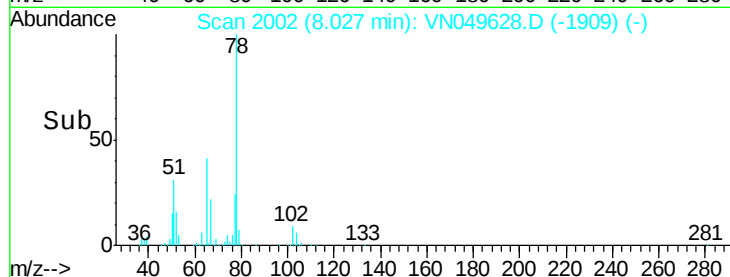
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

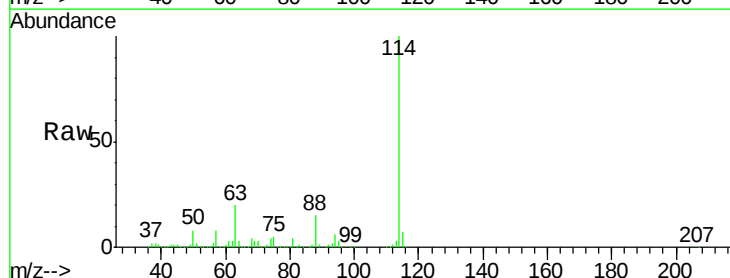
Tgt Ion:114 Resp: 2010664

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

88 15.3 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

1200000

1000000

800000

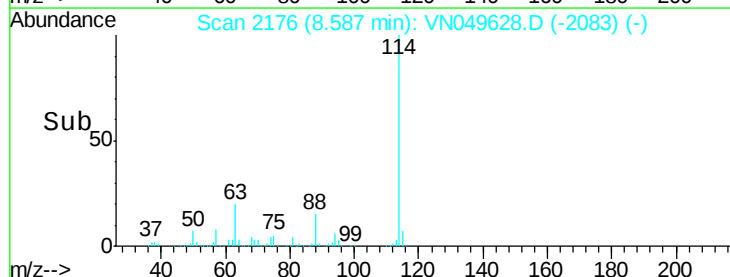
600000

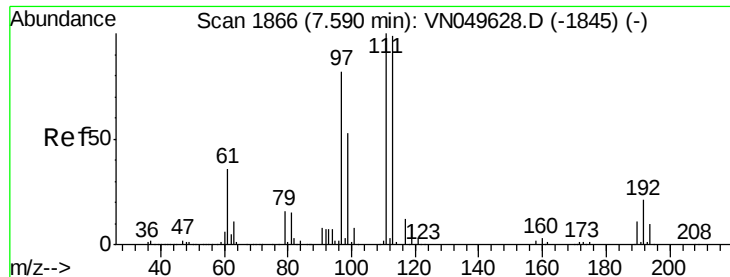
400000

200000

0

Time-->





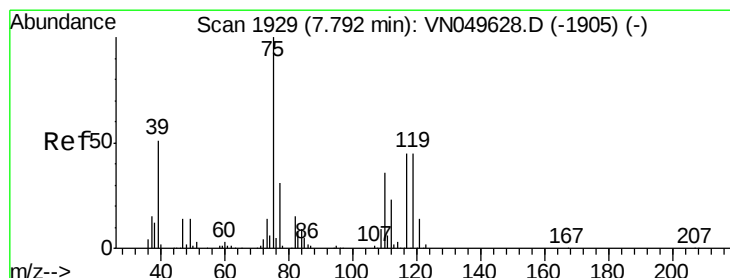
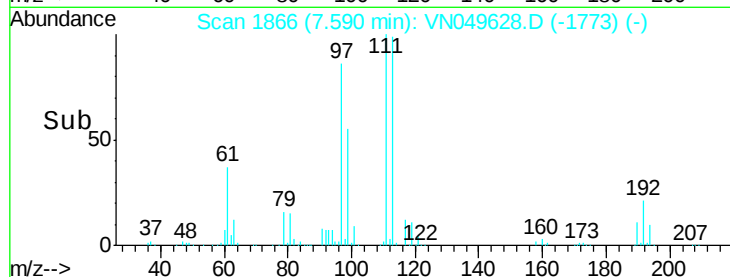
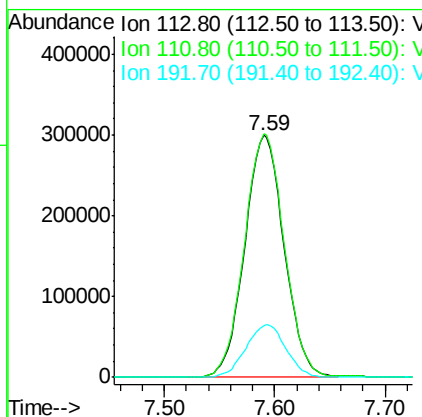
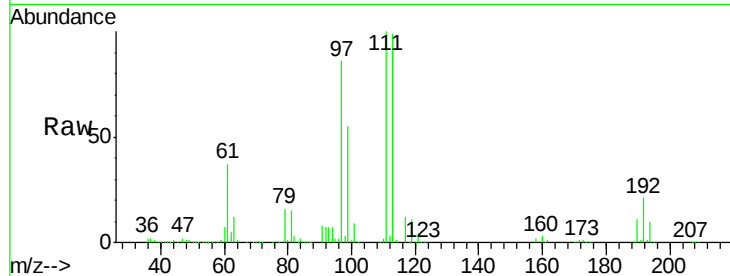
#35
Dibromofluoromethane
Concen: 49.31 ug/l
RT: 7.59 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	22.2	17.8	26.6

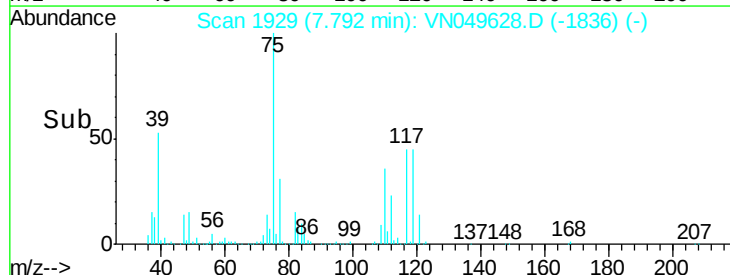
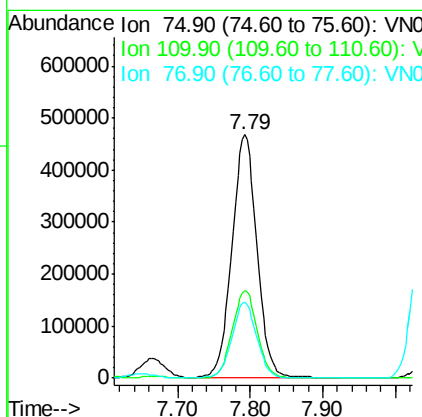
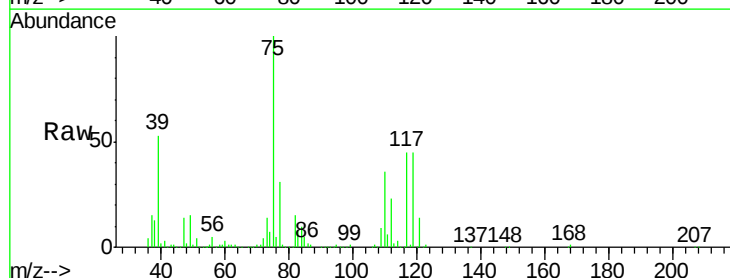
Manual Integrations
APPROVED

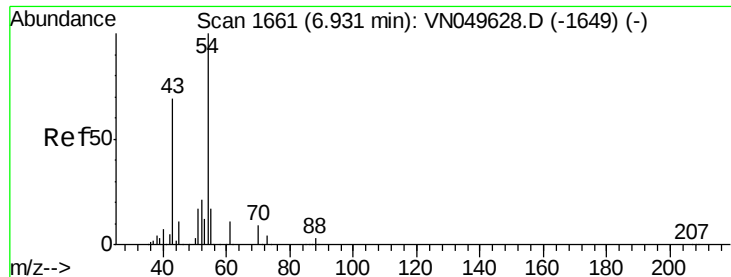
apatel
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#36
1,1-Dichloropropene
Concen: 49.53 ug/l
RT: 7.79 min Scan# 1929
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.1	54.4
77	31.1	24.9	37.3





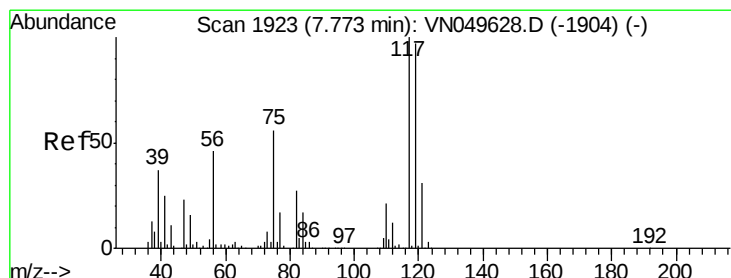
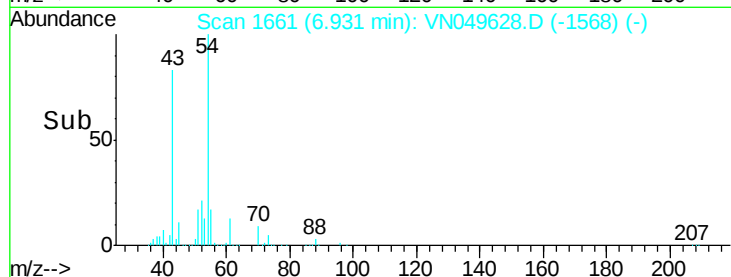
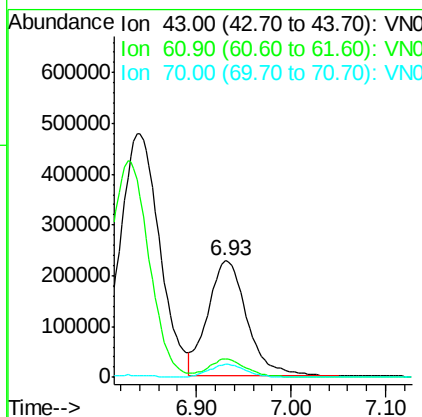
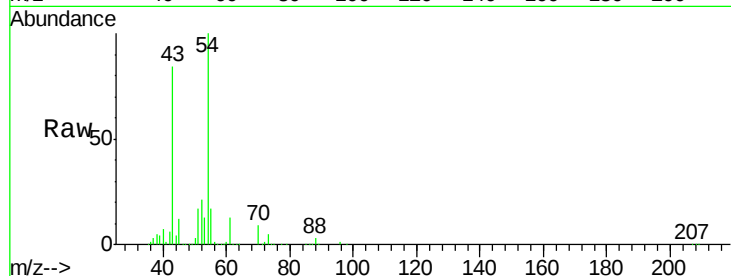
#37
Ethyl Acetate
Concen: 49.63 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

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

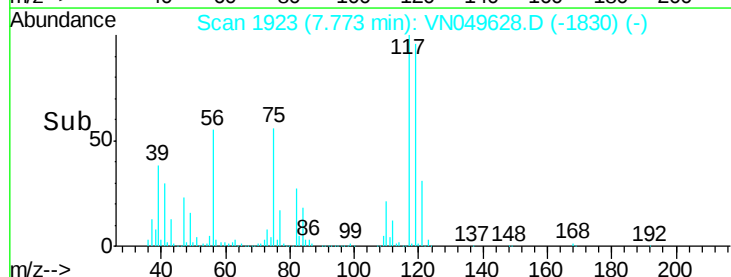
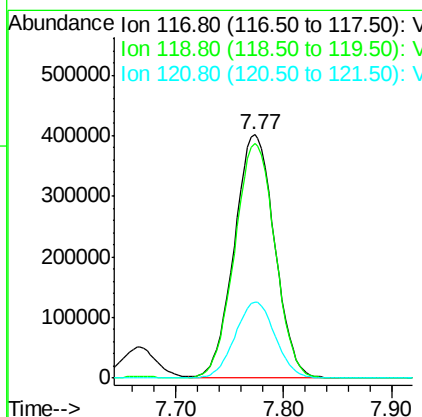
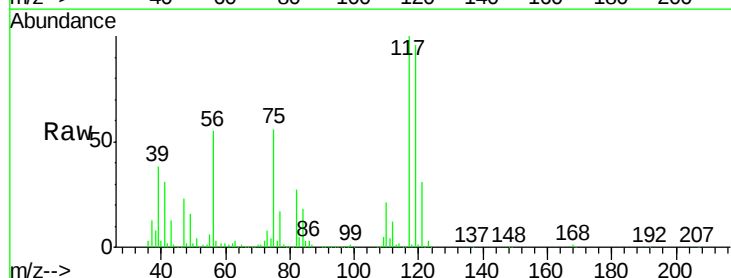
Manual Integrations
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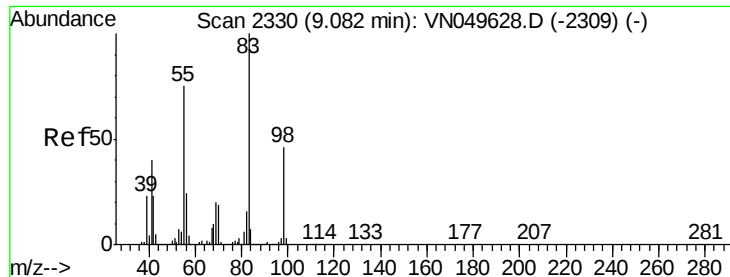
apatel
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#38
Carbon Tetrachloride
Concen: 47.37 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	96.5	77.2	115.8	
121	31.3	25.0	37.6	





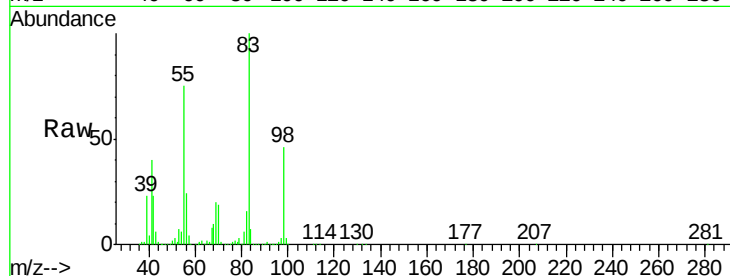
#39
Methvlcvclohexane
Concen: 48.47 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.6	59.7	89.5
98	45.6	36.5	54.7

Manual Integrations
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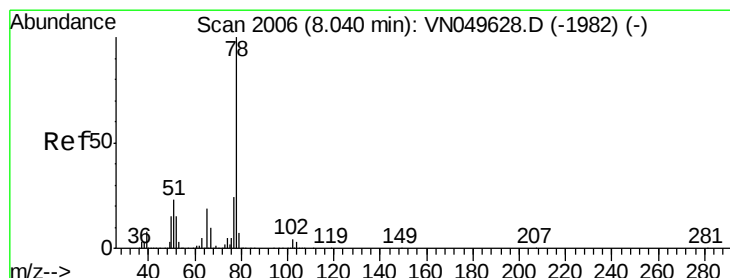
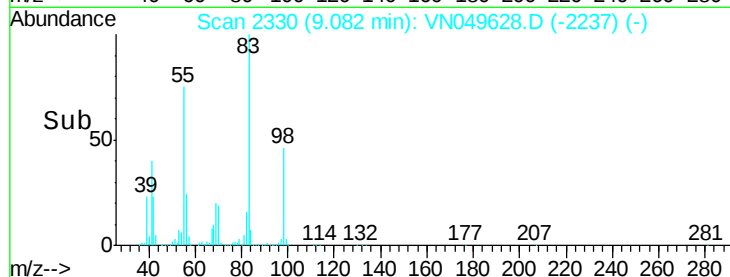
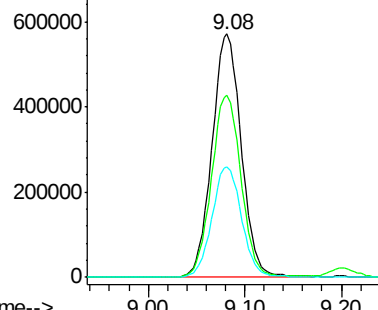
apatel
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Abundance Ion 83.00 (82.70 to 83.70): VN049628.D (-2309) (-)

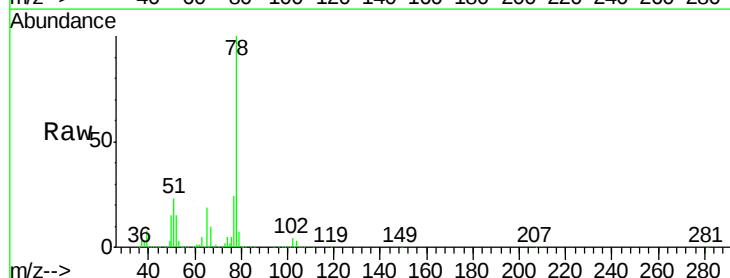
Ion 55.00 (54.70 to 55.70): VN049628.D (-2309) (-)

Ion 98.00 (97.70 to 98.70): VN049628.D (-2309) (-)



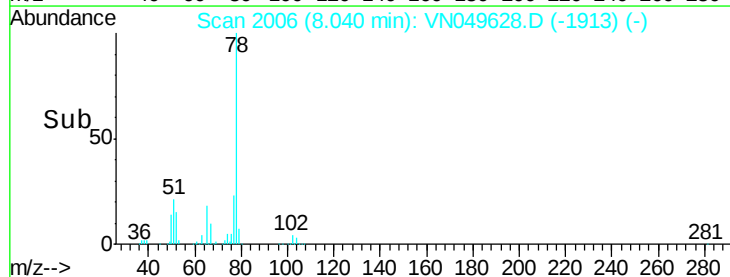
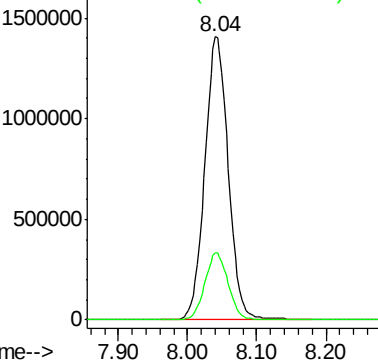
#40
Benzene
Concen: 48.00 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

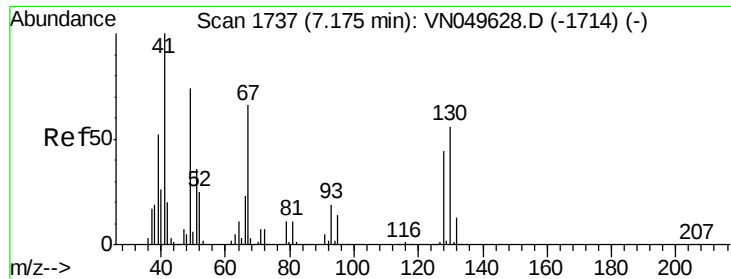
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4



Abundance Ion 78.00 (77.70 to 78.70): VN049628.D (-1982) (-)

Ion 77.00 (76.70 to 77.70): VN049628.D (-1982) (-)





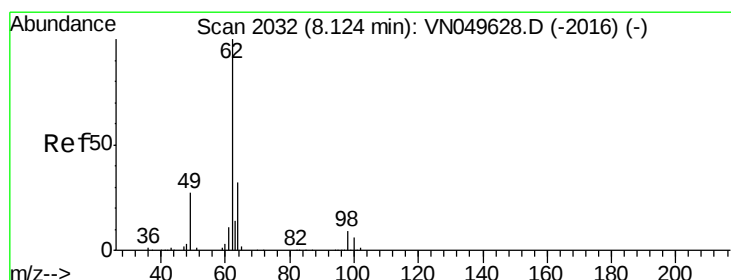
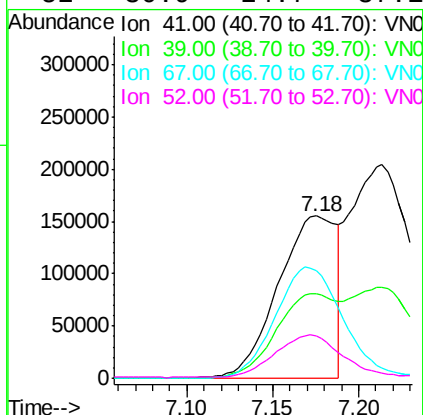
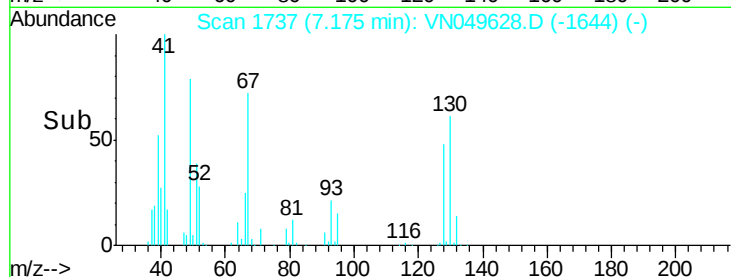
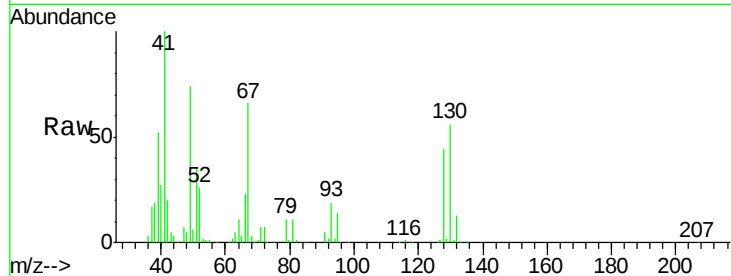
#41
Methacrylonitrile
Concen: 51.64 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	41	Resp	363675
Ion Ratio	Lower	Upper	
41	100		
39	56.8	45.4	68.2
67	81.7	65.4	98.0
52	30.9	24.7	37.1

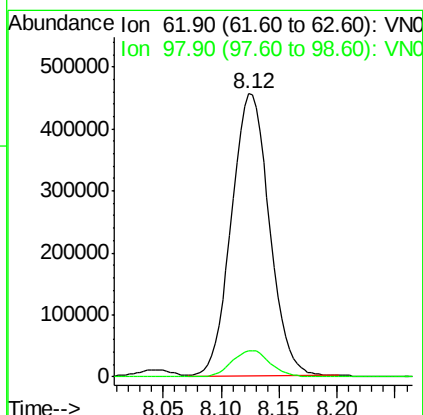
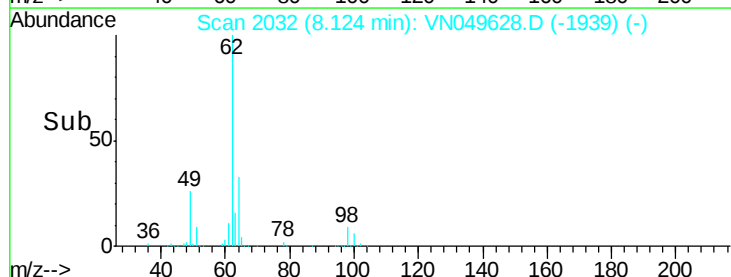
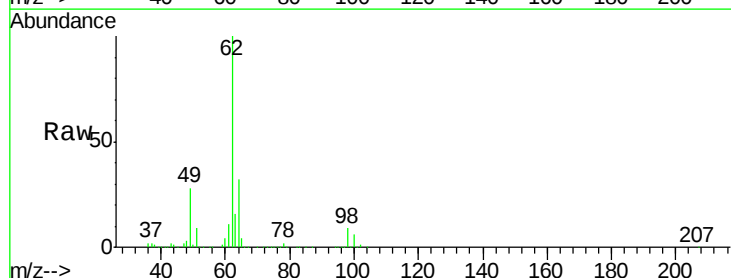
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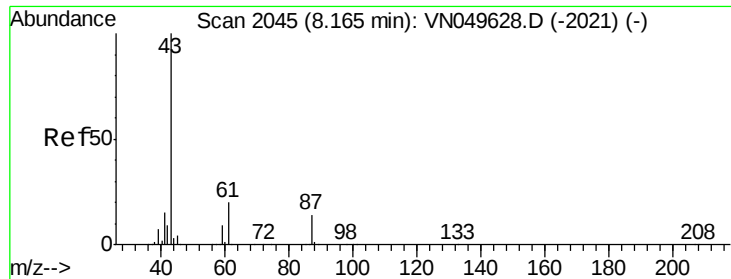
apatel
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#42
1,2-Dichloroethane
Concen: 47.07 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion	62	Resp	1037662
Ion Ratio	Lower	Upper	
62	100		
98	9.5	0.0	19.0





#43

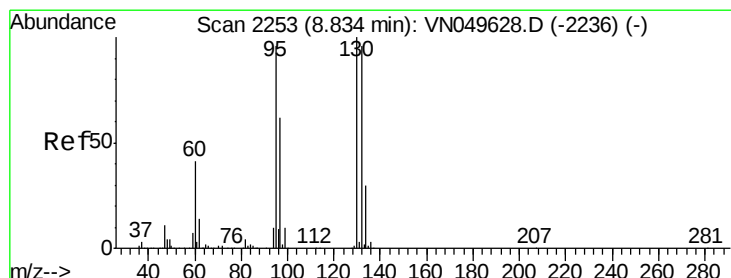
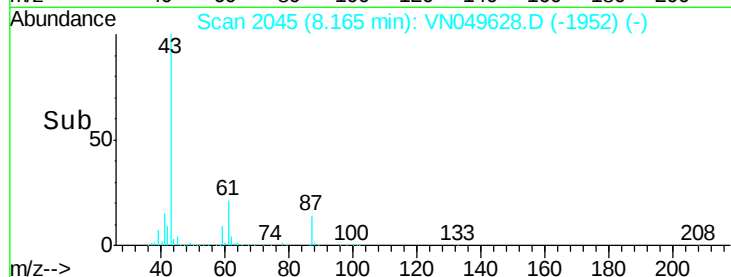
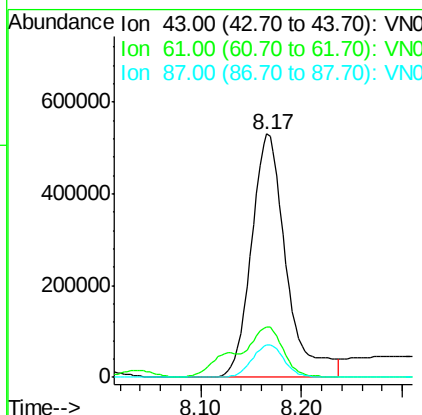
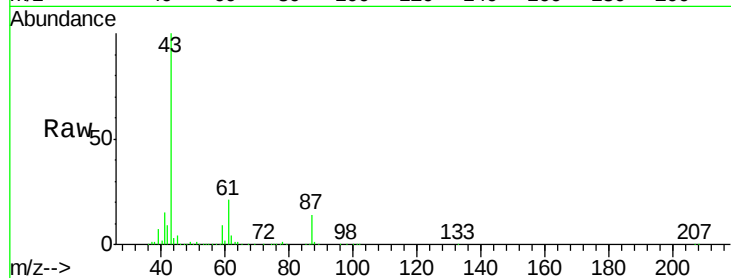
Isopropyl Acetate
 Concen: 40.45 ug/l
 RT: 8.17 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	43	Resp	1261036
Ion Ratio	Lower	Upper	
43	100		
61	18.6	14.9	22.3
87	12.5	10.0	15.0

Manual Integrations
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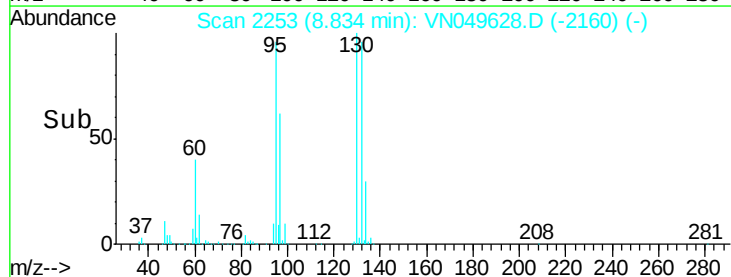
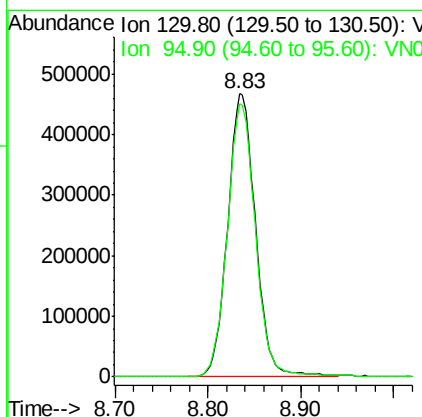
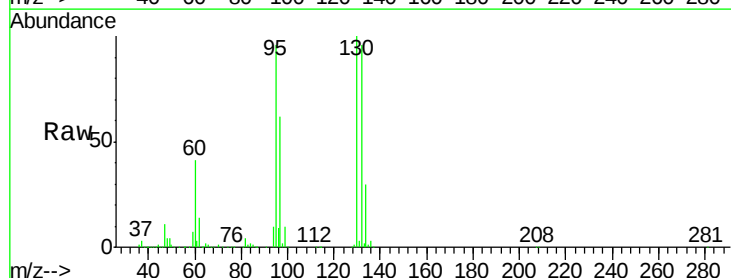
apatel
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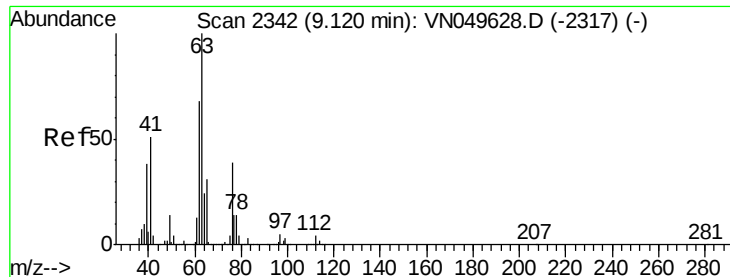


#44

Trichloroethene
 Concen: 46.80 ug/l
 RT: 8.83 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Tgt Ion	130	Resp	974840
Ion Ratio	Lower	Upper	
130	100		
95	96.4	0.0	192.8





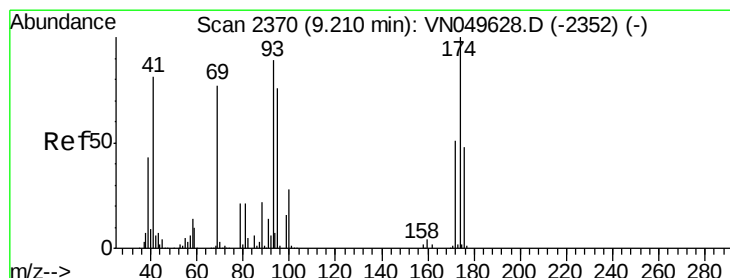
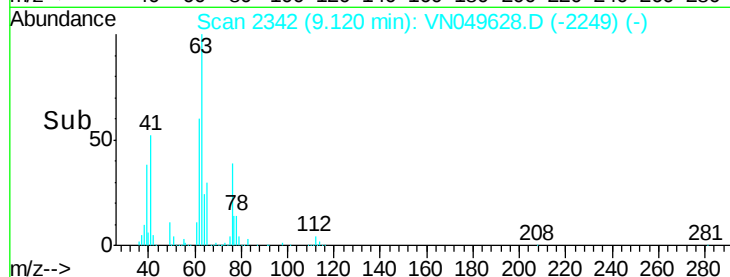
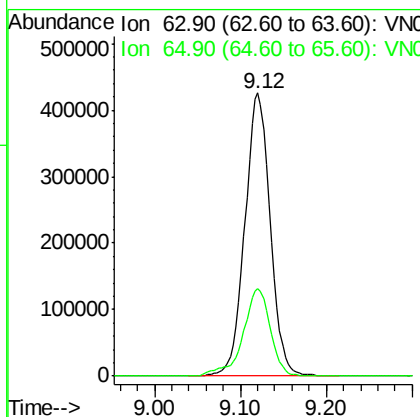
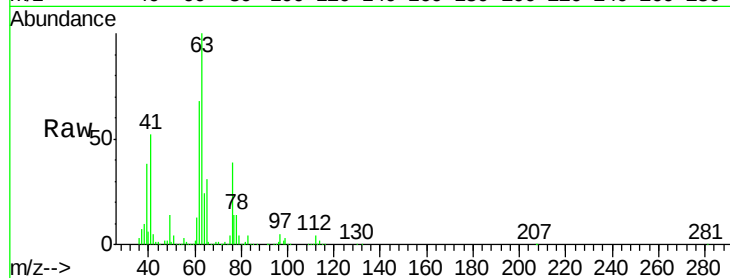
#45
 1,2-Dichloropropane
 Concen: 48.93 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.7	37.1

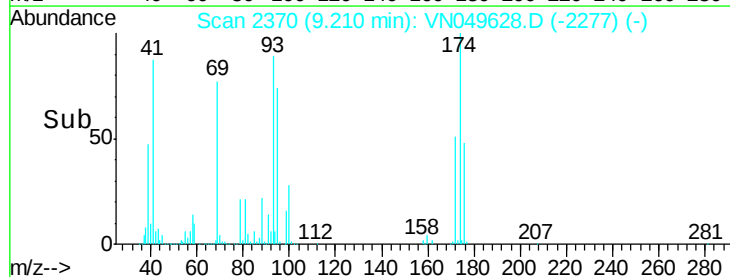
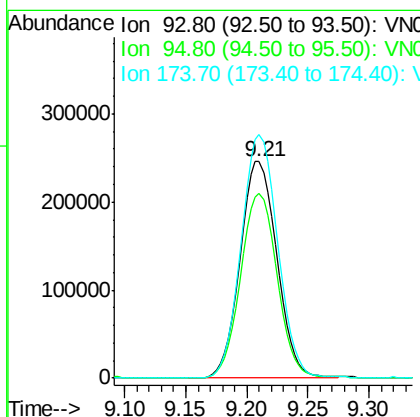
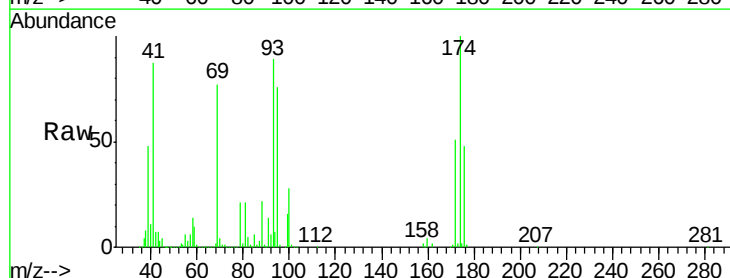
Manual Integrations
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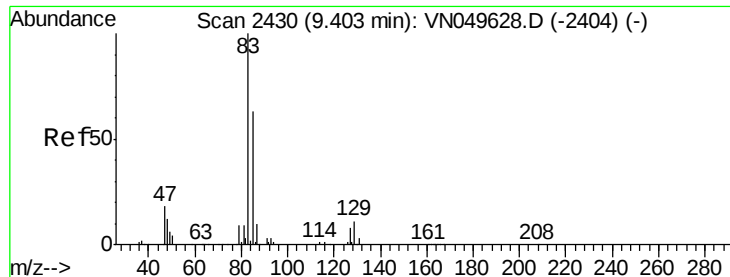
apatel
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#46
 Dibromomethane
 Concen: 47.66 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.9	67.9	101.9
174	111.7	89.4	134.0





#47

Bromodichloromethane

Concen: 48.46 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 1113689

Ion Ratio Lower Upper

83 100

85 63.1 50.5 75.7

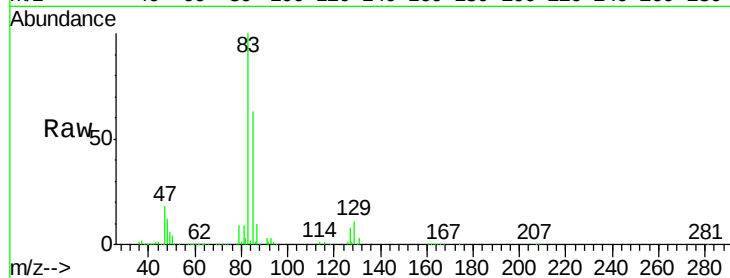
127 8.5 6.8 10.2

Manual Integrations

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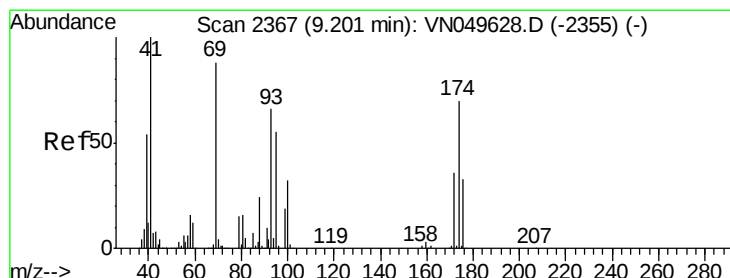
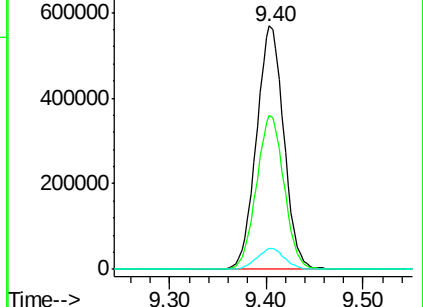
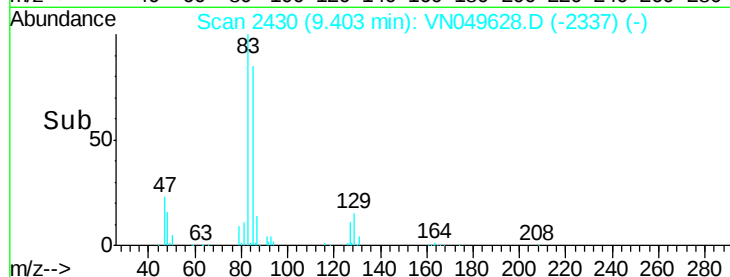


Abundance Ion 82.90 (82.60 to 83.60): VN049628.D (-2404) (-)

Ion 84.90 (84.60 to 85.60): VN049628.D (-2404) (-)

Ion 126.80 (126.50 to 127.50): VN049628.D (-2404) (-)

Time-->



#48

Methyl methacrylate

Concen: 50.31 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

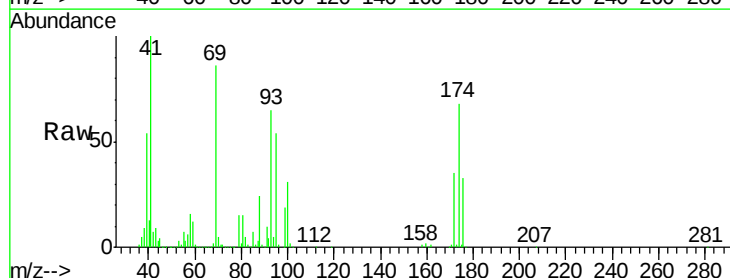
Tgt Ion: 41 Resp: 589829

Ion Ratio Lower Upper

41 100

69 89.4 71.5 107.3

39 55.9 44.7 67.1

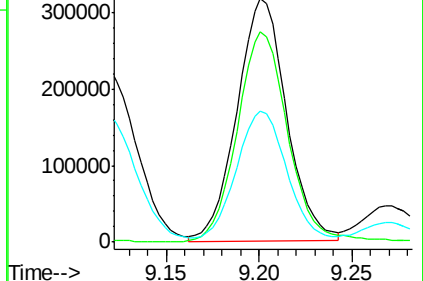
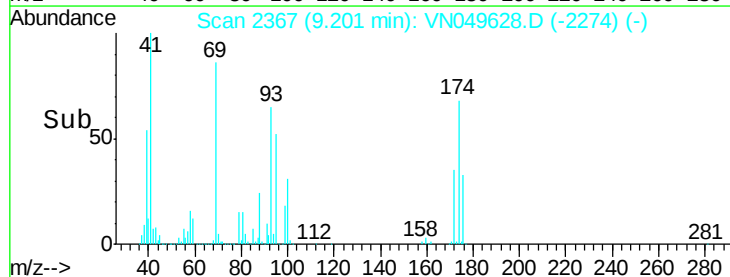


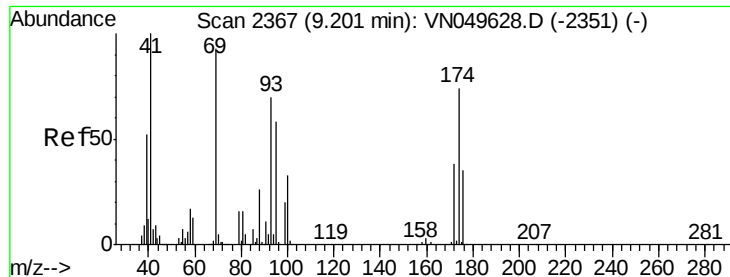
Abundance Ion 41.00 (40.70 to 41.70): VN049628.D (-2355) (-)

Ion 69.00 (68.70 to 69.70): VN049628.D (-2355) (-)

Ion 39.00 (38.70 to 39.70): VN049628.D (-2355) (-)

Time-->





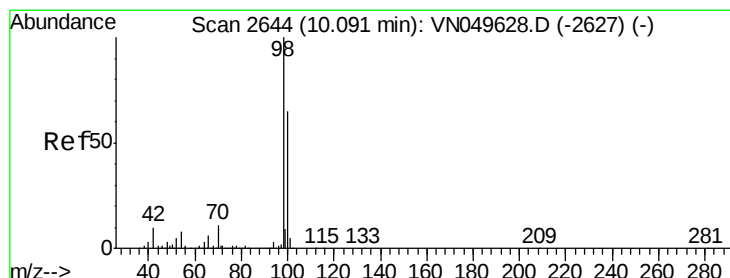
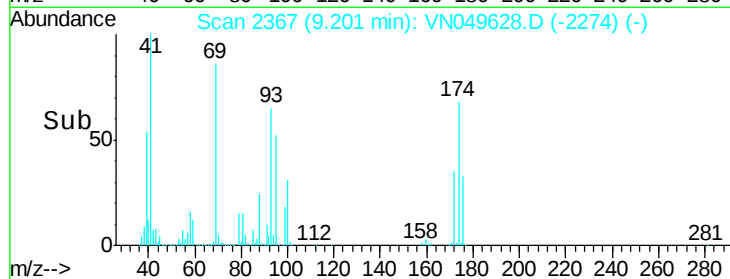
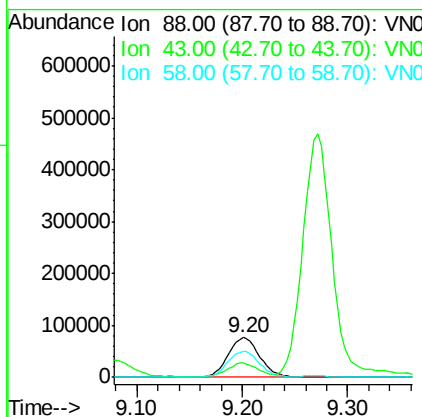
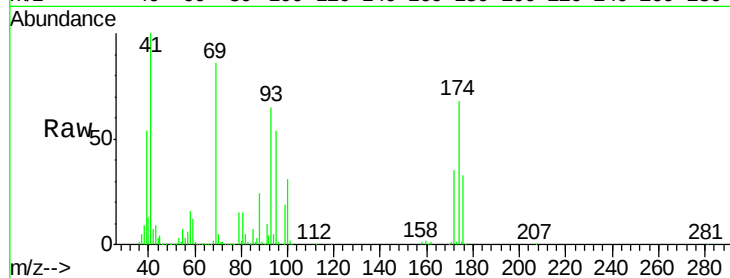
#49
1,4-Dioxane
Concen: 1018.11 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	88	Resp	160481
Ion	Ratio	Lower	Upper
88	100		
43	31.4	25.1	37.7
58	65.6	52.5	78.7

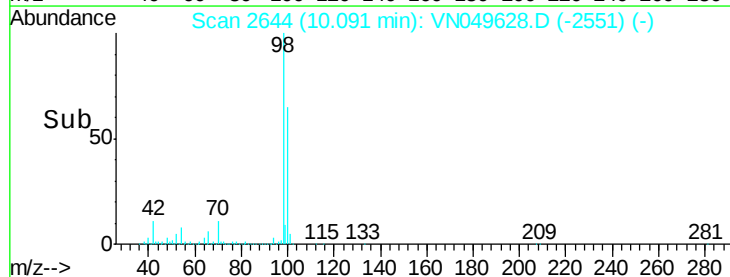
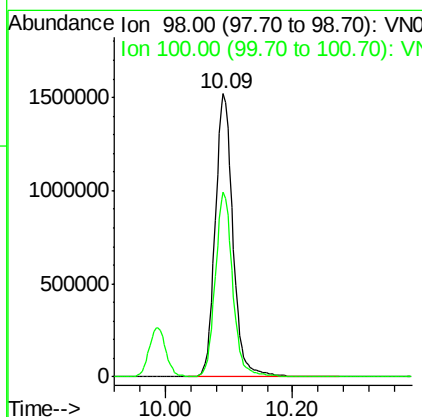
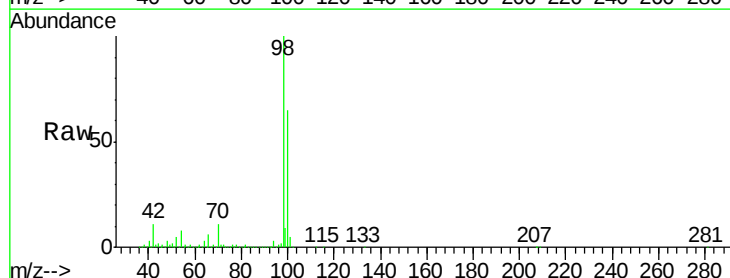
Manual Integrations
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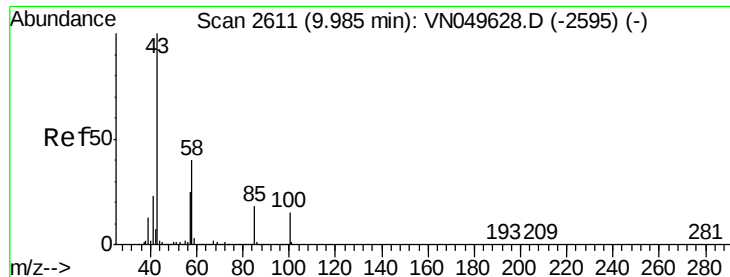
apatel
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#50
Toluene-d8
Concen: 49.74 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion	98	Resp	2926340
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5





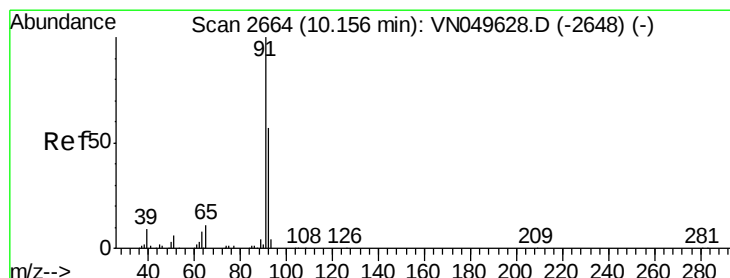
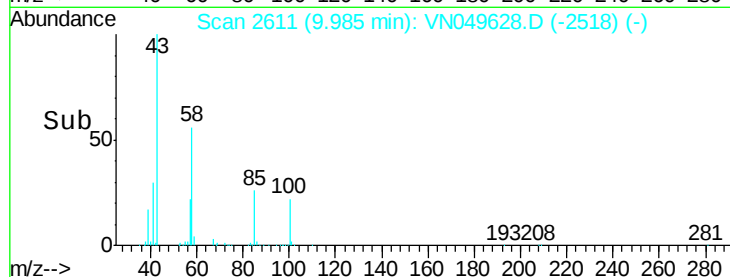
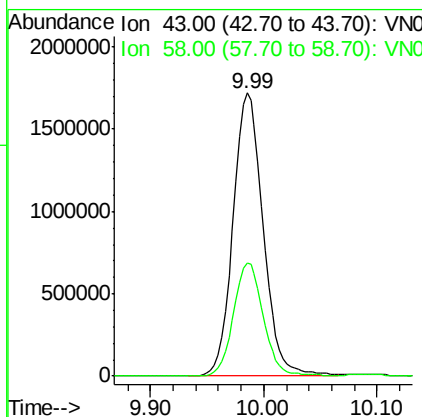
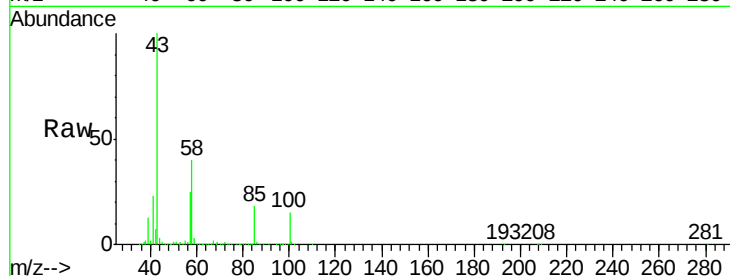
#51
4-Methyl-2-Pentanone
Concen: 246.04 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion: 43 Resp: 3182752
Ion Ratio Lower Upper
43 100
58 39.8 31.8 47.8

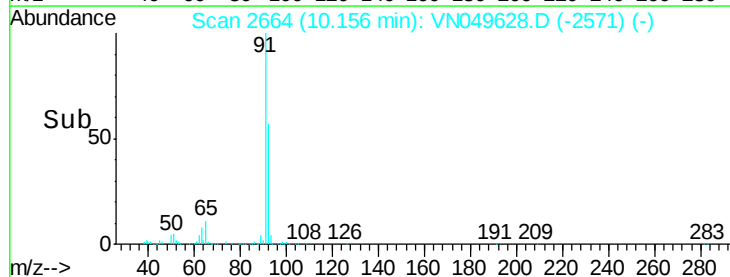
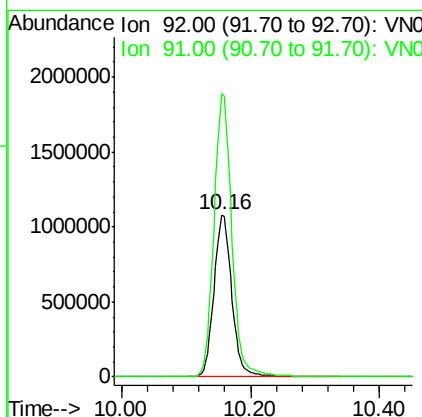
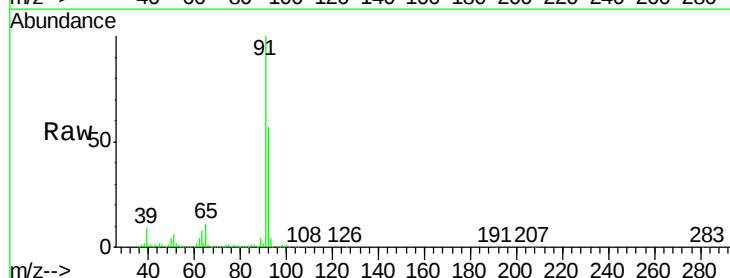
Manual Integrations
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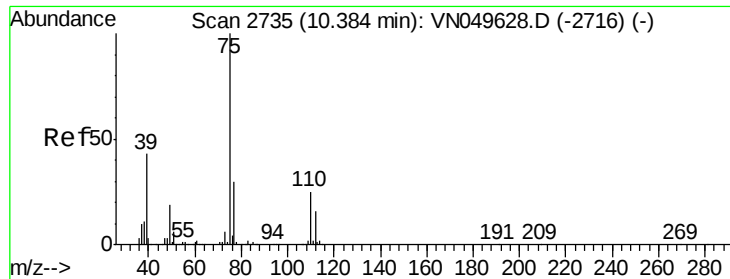
apatel
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#52
Toluene
Concen: 49.77 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion: 92 Resp: 2076727
Ion Ratio Lower Upper
92 100
91 175.1 140.1 210.1





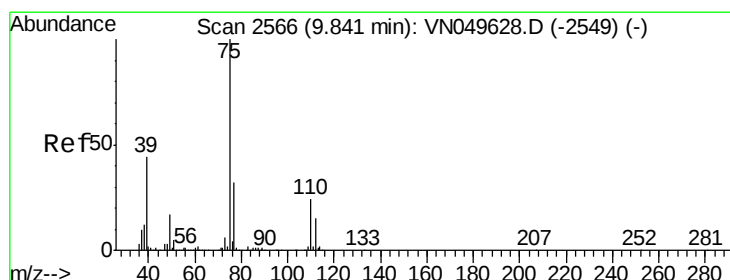
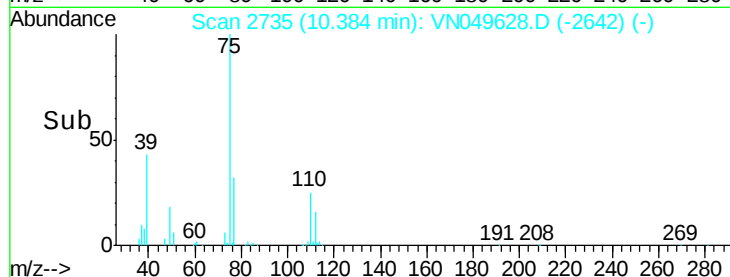
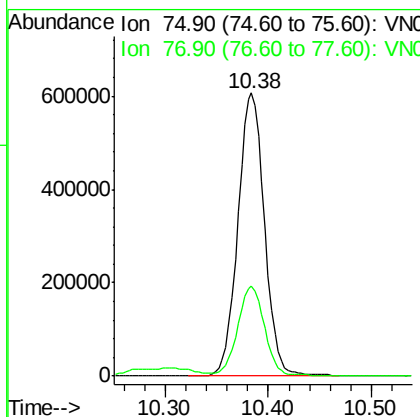
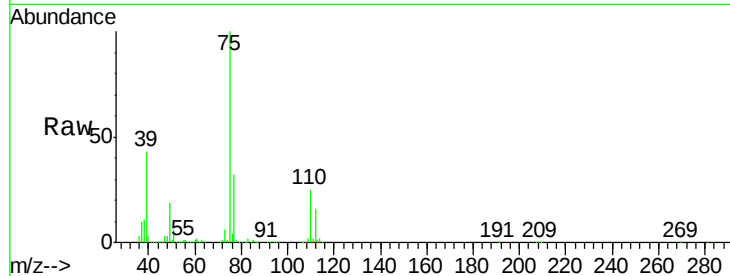
#53
t-1,3-Dichloropropene
Concen: 49.37 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion: 75 Resp: 1086535
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8

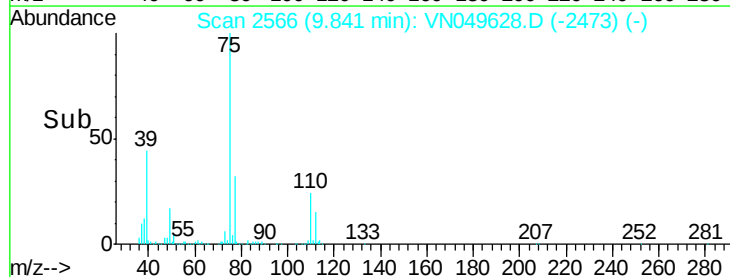
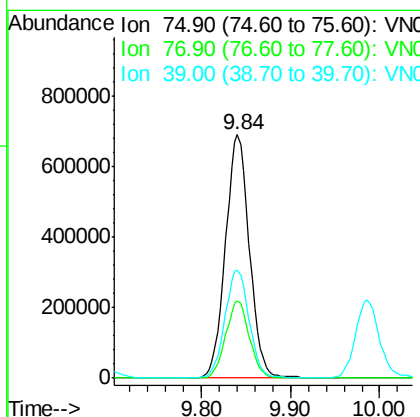
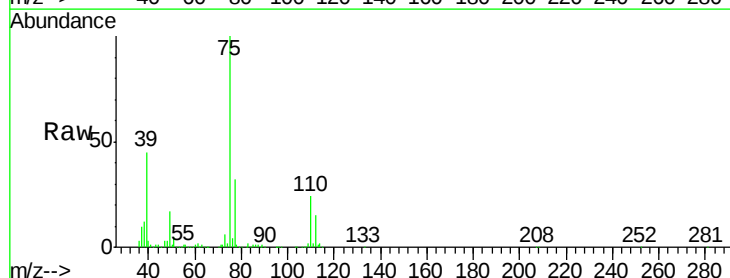
Manual Integrations
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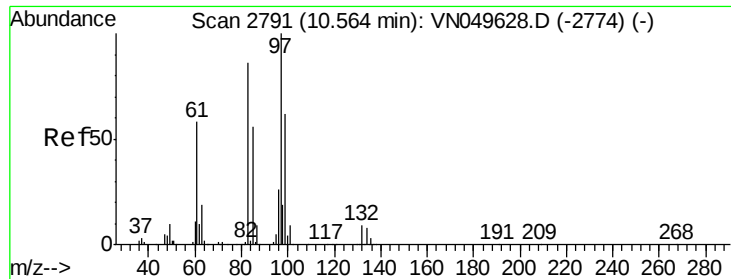
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#54
cis-1,3-Dichloropropene
Concen: 49.98 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion: 75 Resp: 1285588
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
39 44.4 35.5 53.3





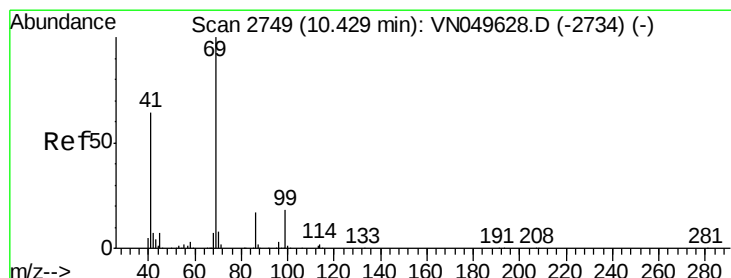
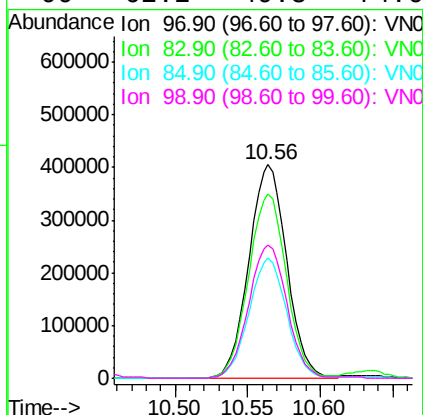
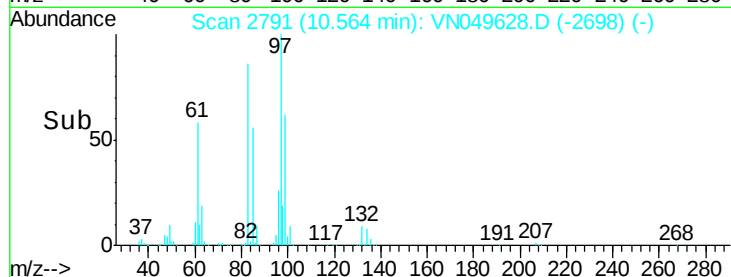
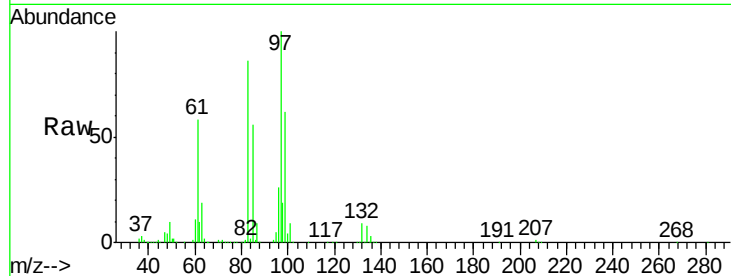
#55
 1,1,2-Trichloroethane
 Concen: 47.46 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	86.3	69.0	103.6	
85	56.1	44.9	67.3	
99	62.2	49.8	74.6	

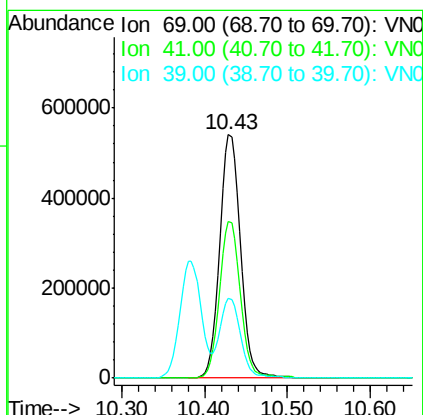
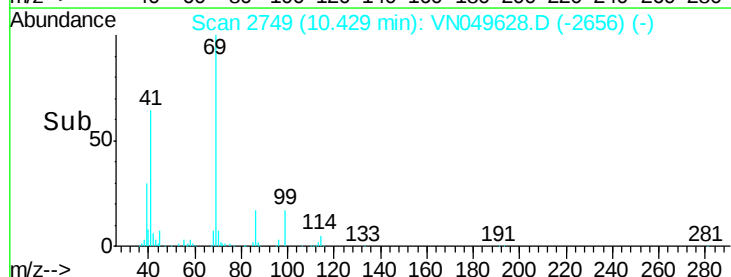
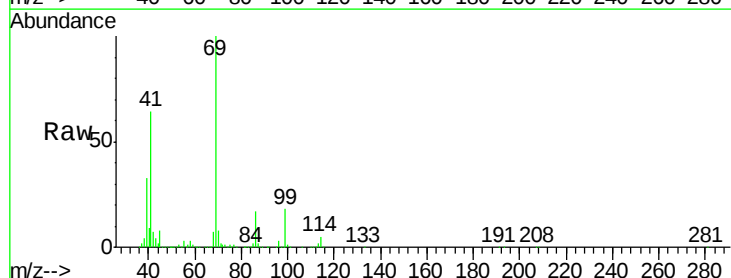
Manual Integrations
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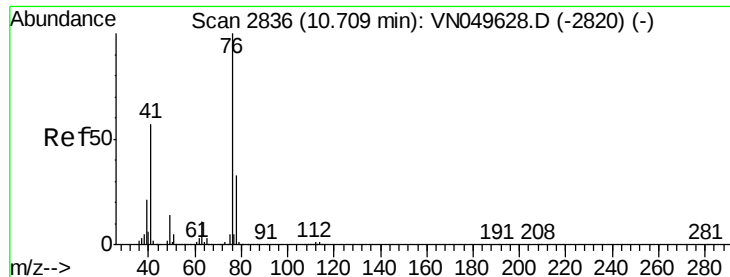
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#56
 Ethyl methacrylate
 Concen: 51.38 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	64.5	51.6	77.4	
39	32.3	25.8	38.8	





#57

1,3-Dichloropropane

Concen: 49.10 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion: 76 Resp: 1237098

Ion Ratio Lower Upper

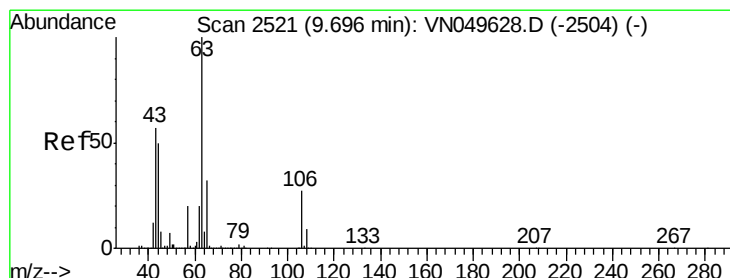
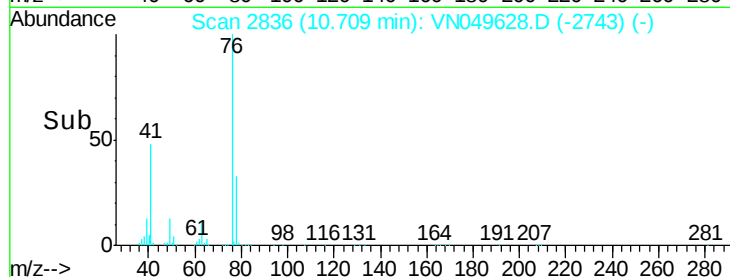
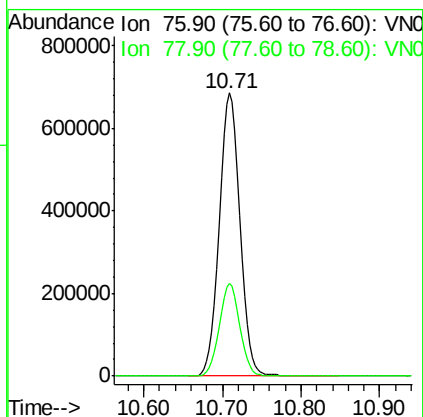
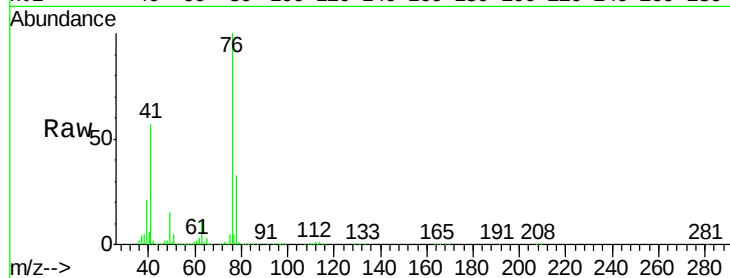
76 100

78 32.3 25.8 38.8

Manual Integrations
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apatel

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#58

2-Chloroethyl Vinyl ether

Concen: 254.31 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049628.D

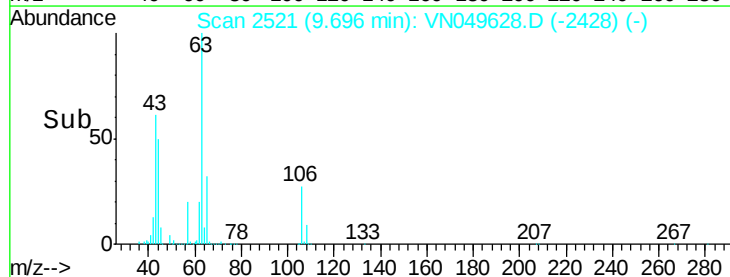
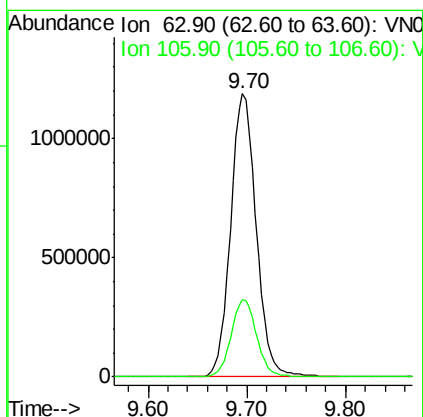
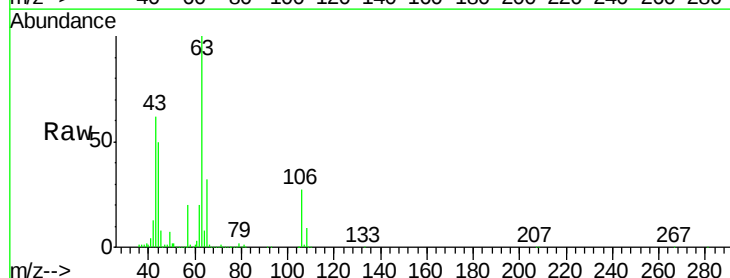
Acq: 29 Jun 2018 12:10

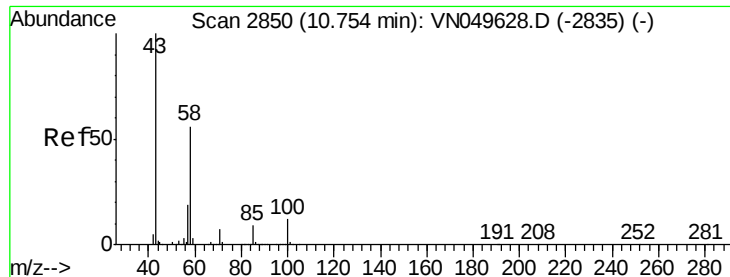
Tgt Ion: 63 Resp: 2156163

Ion Ratio Lower Upper

63 100

106 27.3 21.8 32.8





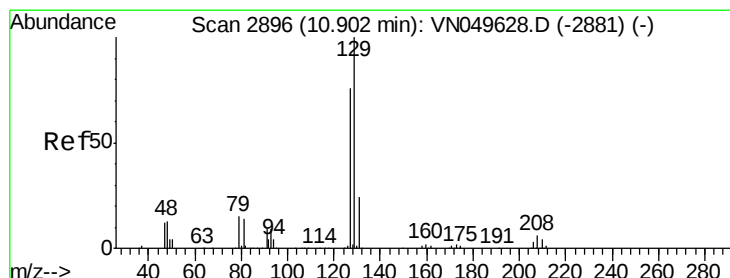
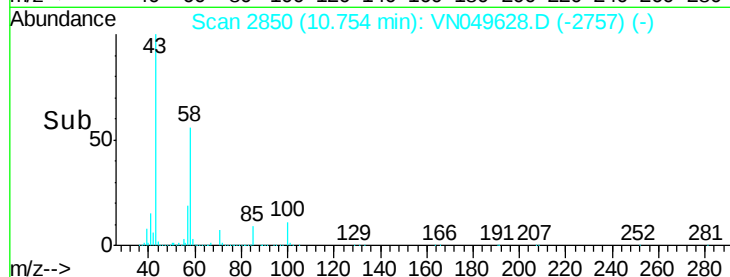
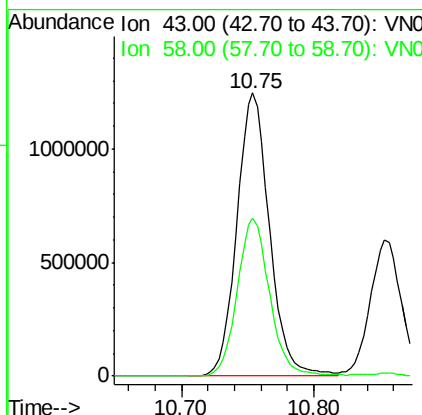
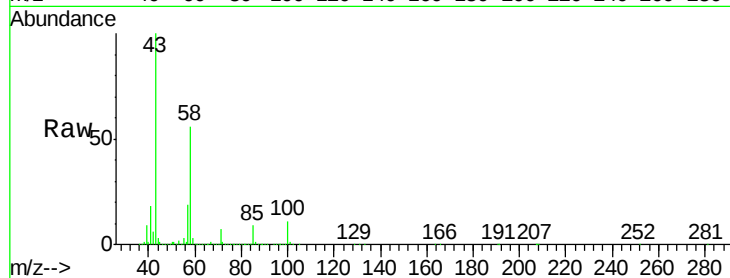
#59
2-Hexanone
Concen: 247.89 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 2120443
Ion Ratio Lower Upper
43 100
58 55.6 27.8 83.4

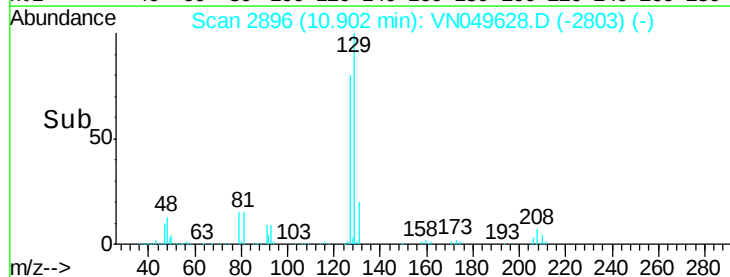
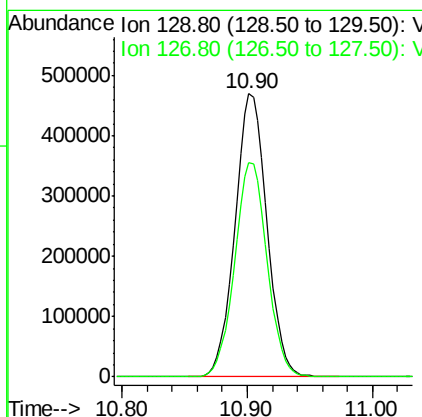
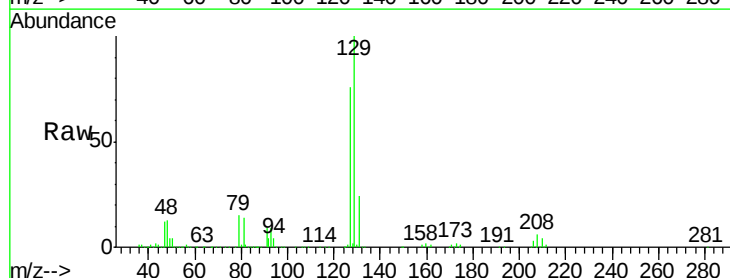
Manual Integrations
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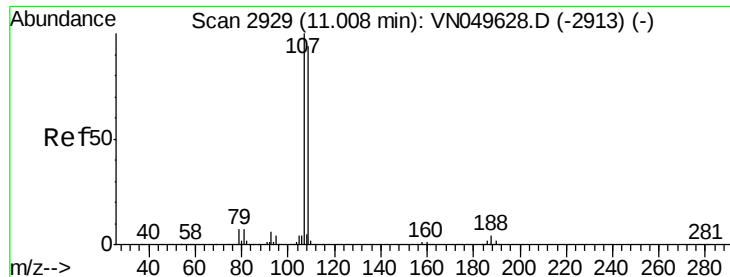
apatel
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#60
Dibromochloromethane
Concen: 49.41 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion: 129 Resp: 829687
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9





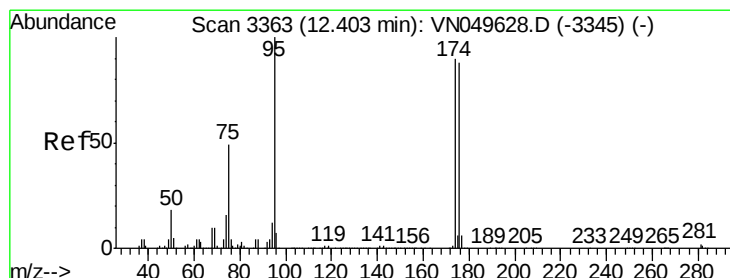
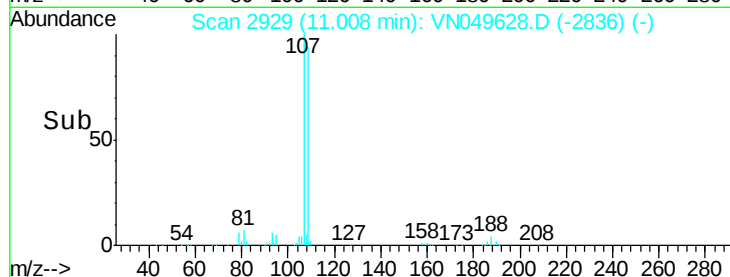
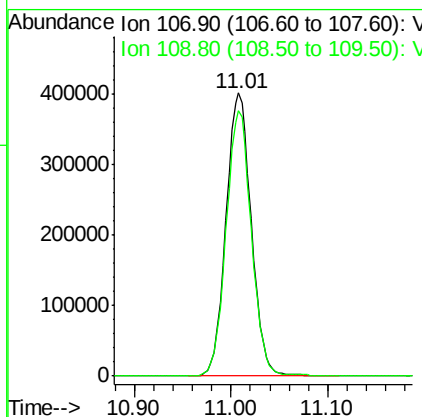
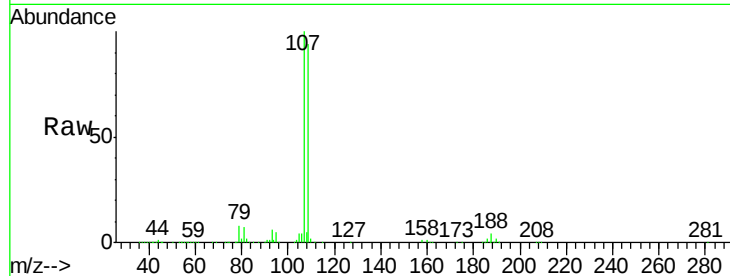
#61
 1,2-Dibromoethane
 Concen: 48.82 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.0	112.6

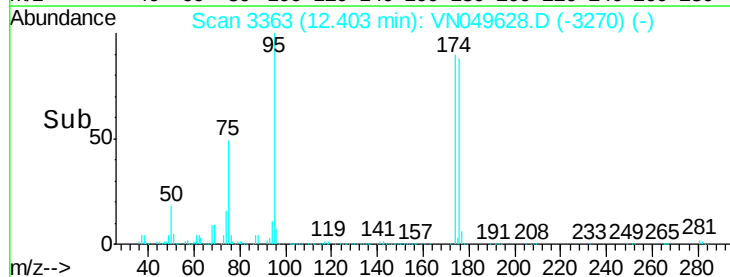
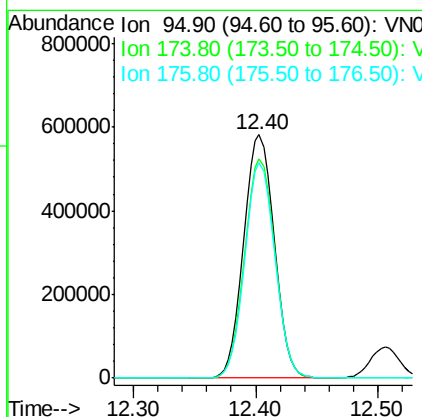
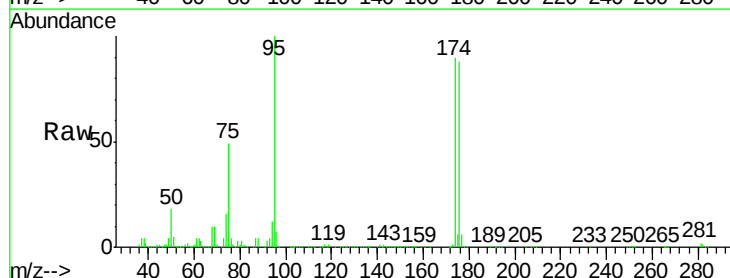
Manual Integrations
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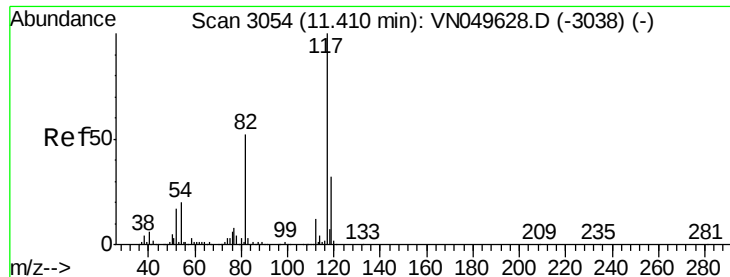
apatel
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#62
 4-Bromofluorobenzene
 Concen: 49.97 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	179.6
176	87.0	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: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion:117 Resp: 1828428

Ion Ratio Lower Upper

117 100

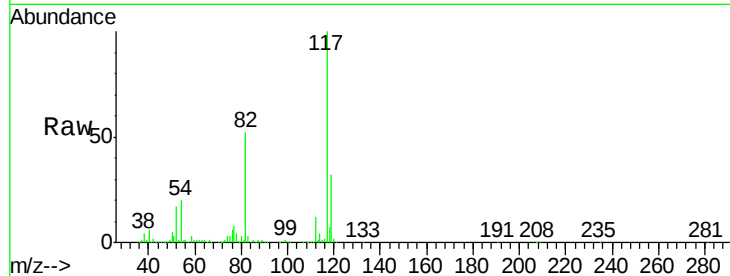
82 52.4 41.9 62.9

119 31.8 25.4 38.2

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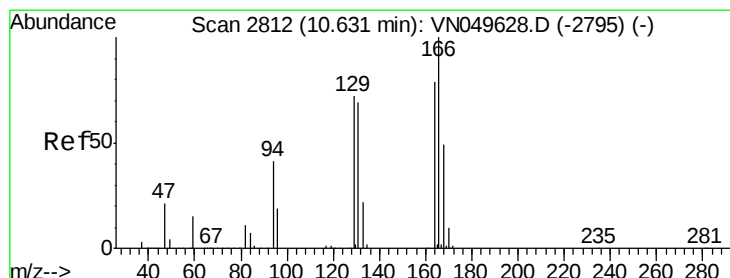
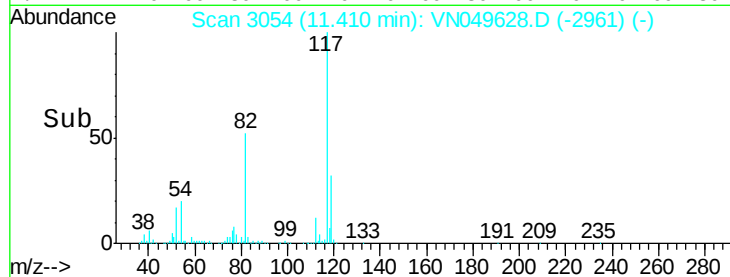
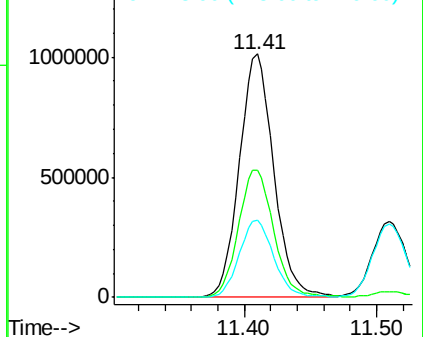
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Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 46.49 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Tgt Ion:164 Resp: 1150983

Ion Ratio Lower Upper

164 100

166 127.2 101.8 152.6

129 91.0 72.8 109.2

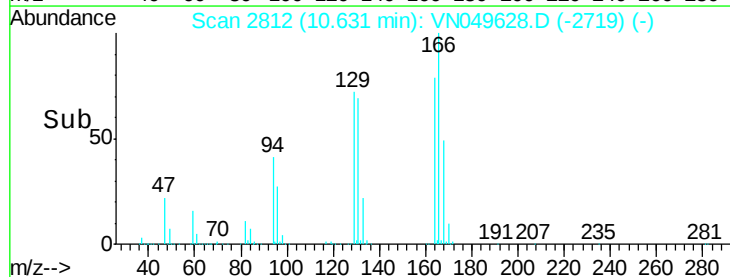
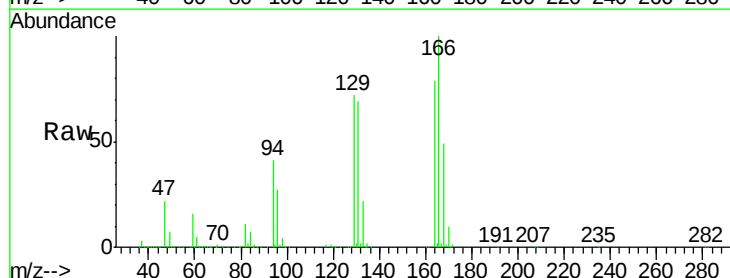
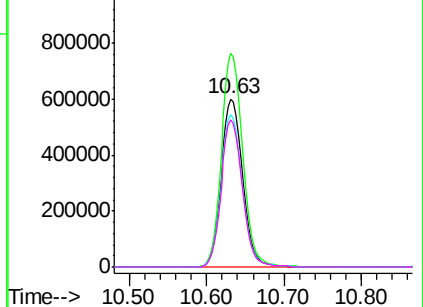
131 87.5 70.0 105.0

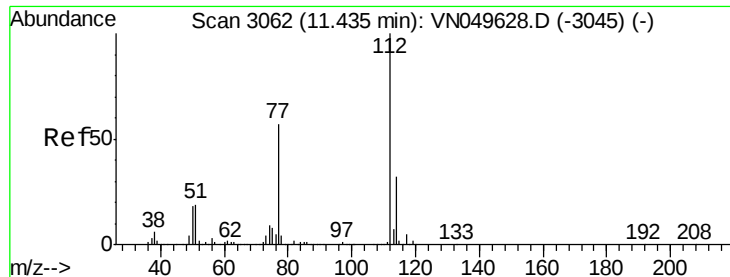
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 47.08 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion:112 Resp: 2245427

Ion Ratio Lower Upper

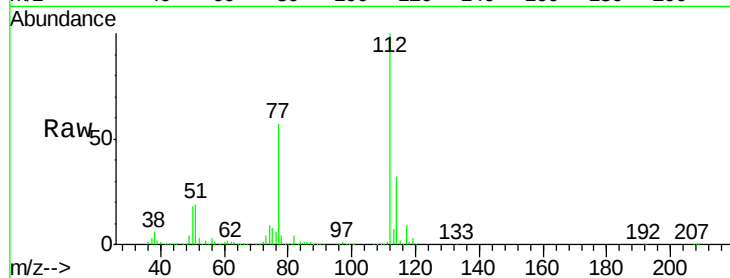
112 100

114 31.7 25.4 38.0

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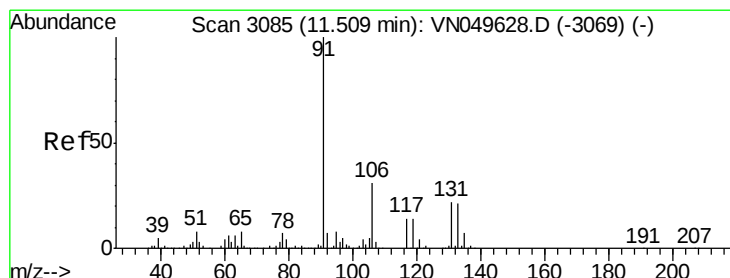
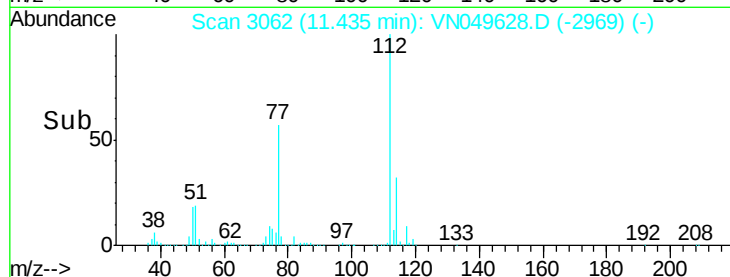
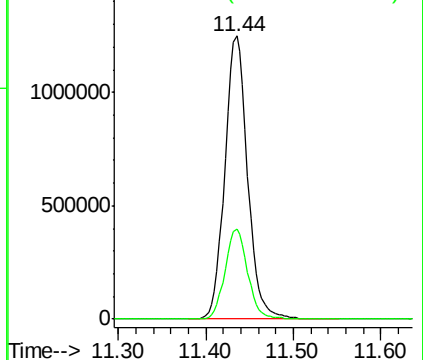
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.88 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

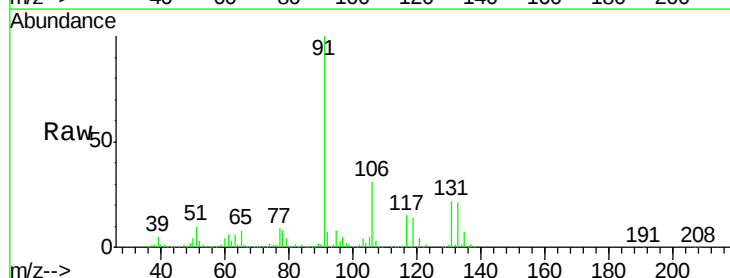
Tgt Ion:131 Resp: 820526

Ion Ratio Lower Upper

131 100

133 95.1 47.5 142.6

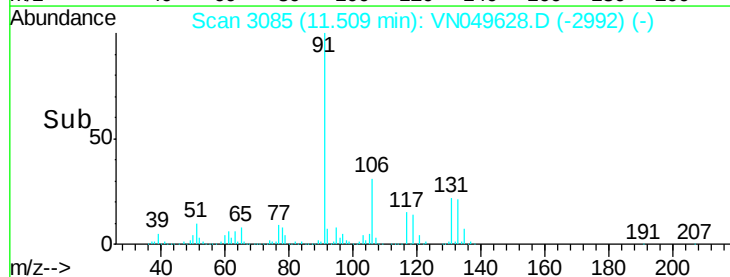
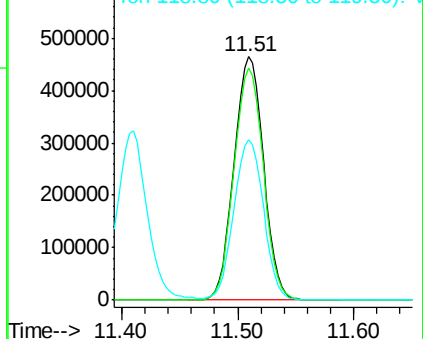
119 66.2 33.1 99.3

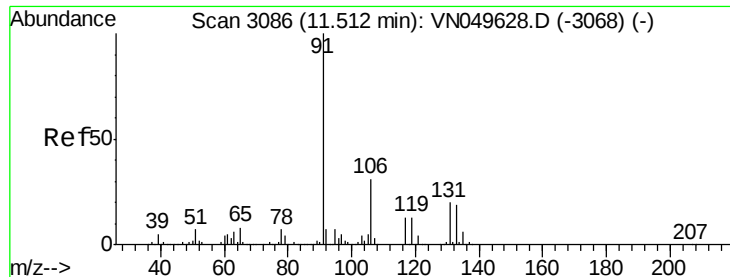


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





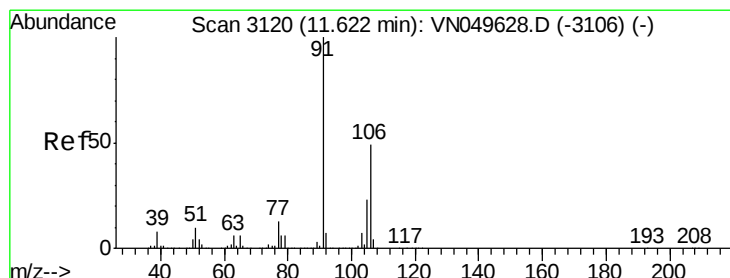
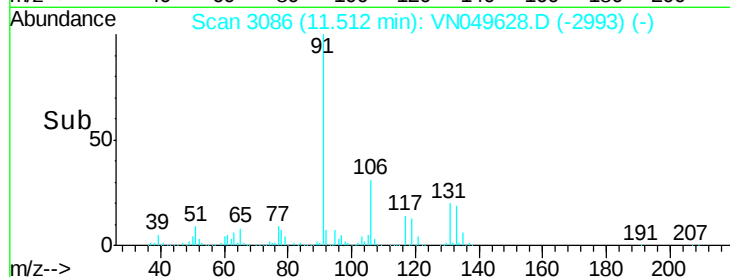
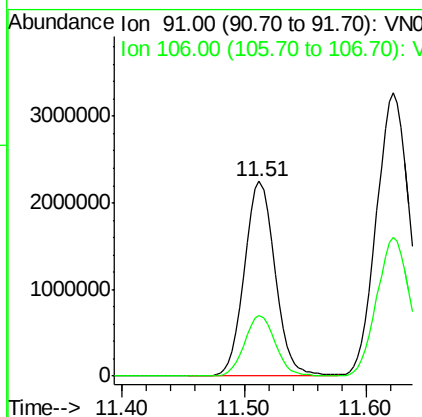
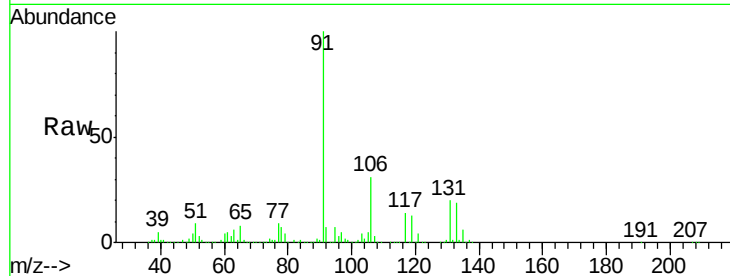
#67
Ethyl Benzene
Concen: 49.35 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 3891397
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2

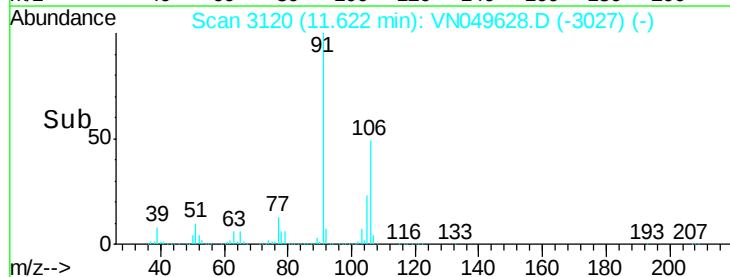
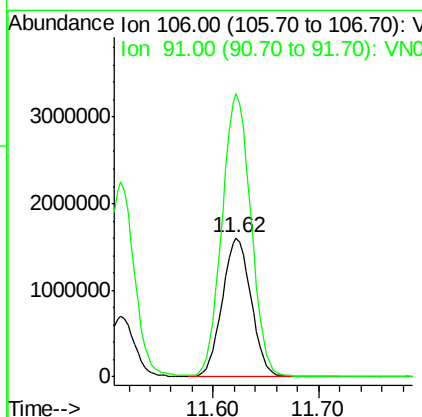
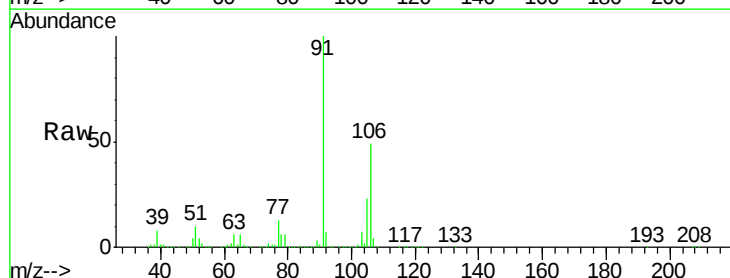
Manual Integrations
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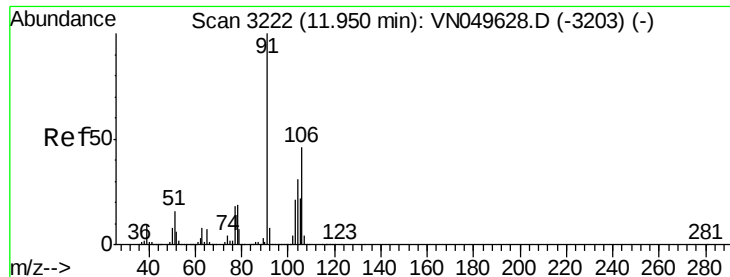
apatel
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#68
m/p-Xylenes
Concen: 100.63 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion: 106 Resp: 3040663
Ion Ratio Lower Upper
106 100
91 204.3 163.4 245.2





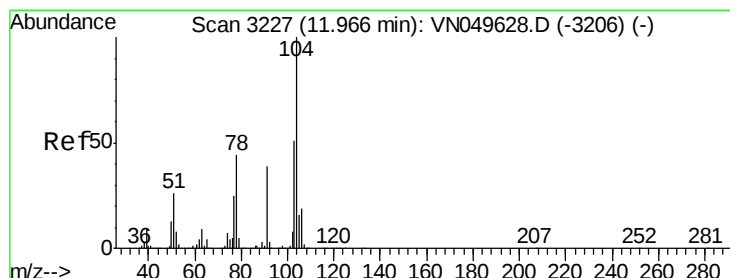
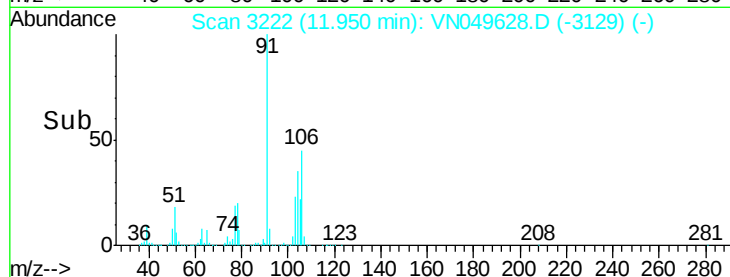
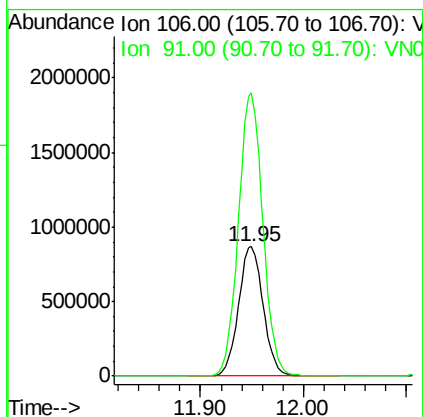
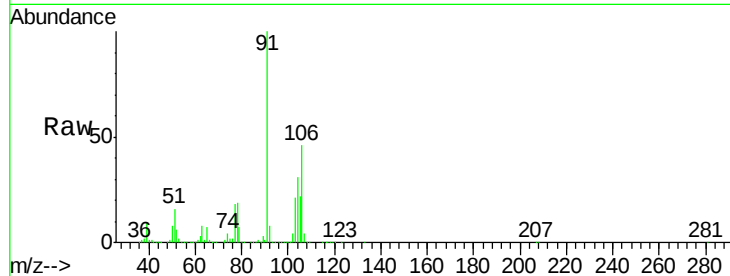
#69
o-Xylene
Concen: 49.87 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion:106 Resp: 1442689
Ion Ratio Lower Upper
106 100
91 217.4 108.7 326.1

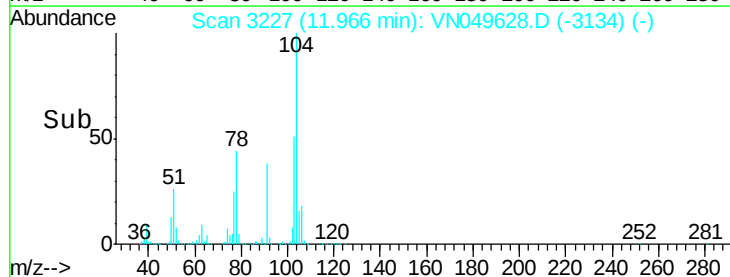
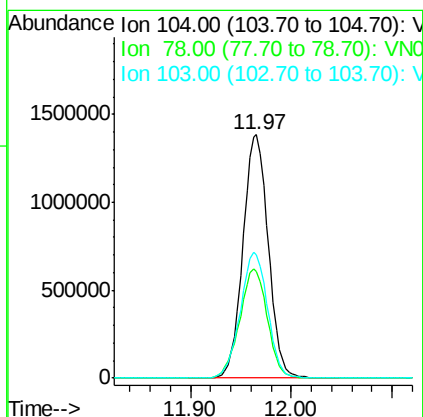
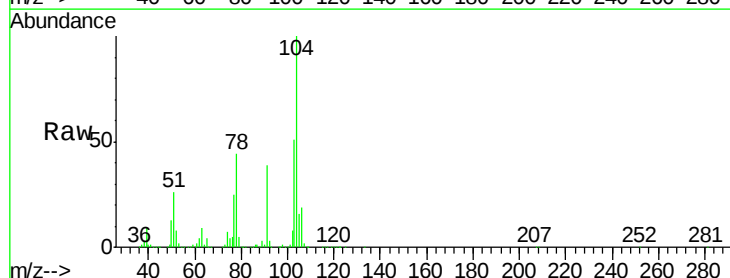
Manual Integrations
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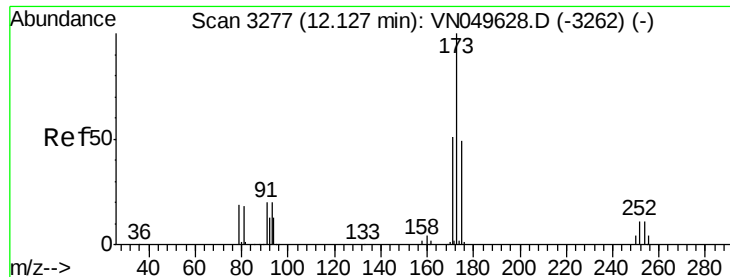
apatel
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#70
Styrene
Concen: 51.26 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion:104 Resp: 2399344
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 55.8 44.6 67.0





#71

Bromoform

Concen: 48.53 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

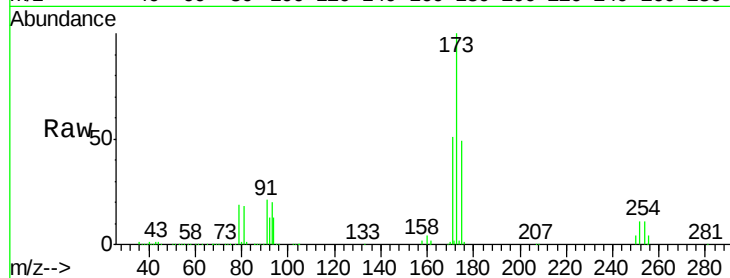
ClientSampleId :

VSTDICCC050

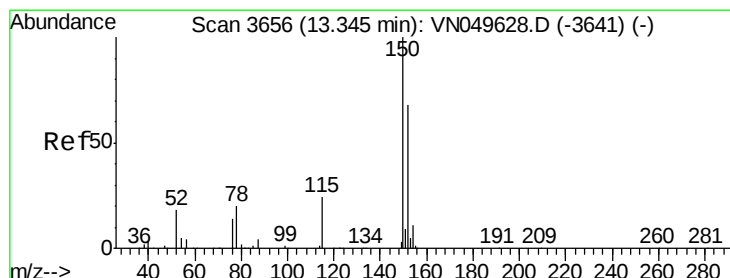
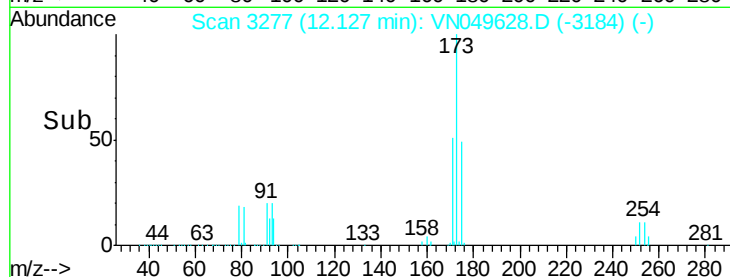
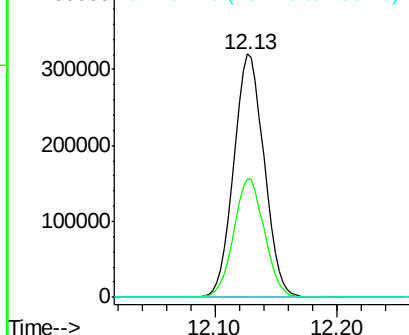
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.6	73.8
254	0.2	0.2	0.2

Manual Integrations
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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

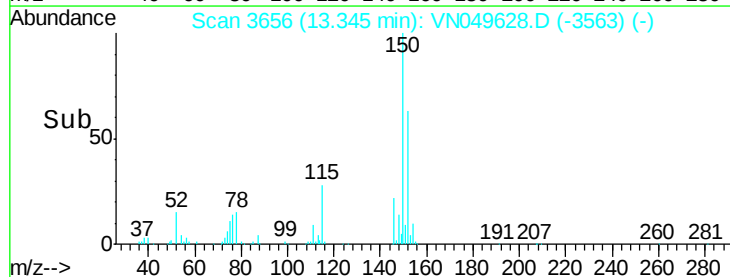
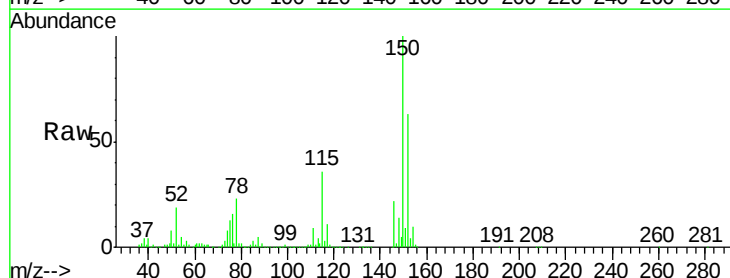
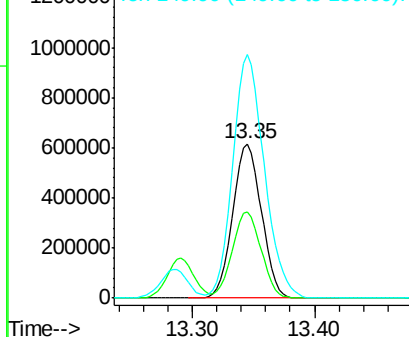
Delta R.T. 0.00 min

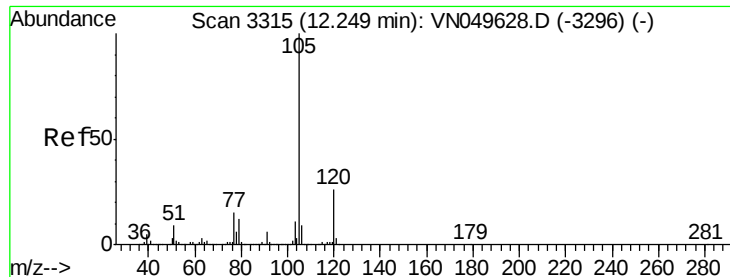
Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.1	84.2
150	173.8	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: 47.82 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion:105 Resp: 3820465

Ion Ratio Lower Upper

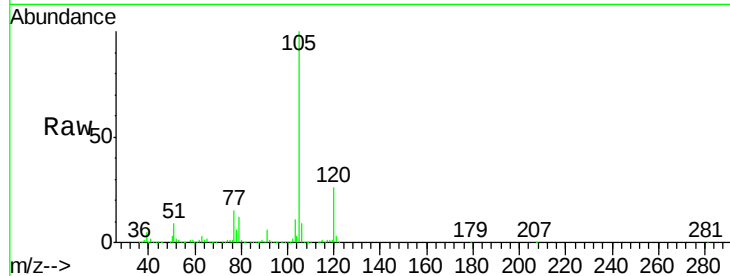
105 100

120 26.5 13.3 39.8

Manual Integrations
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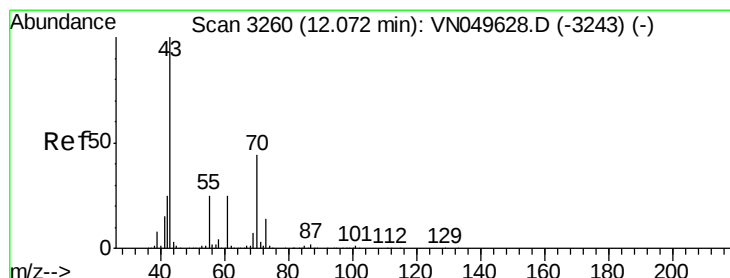
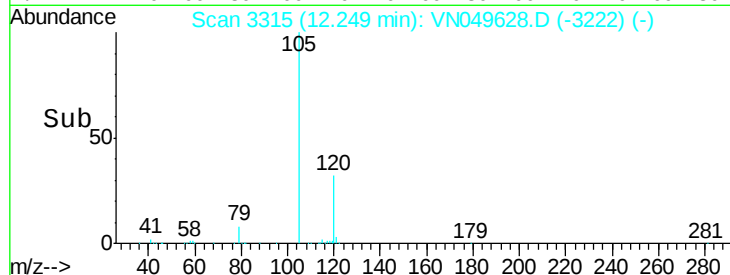
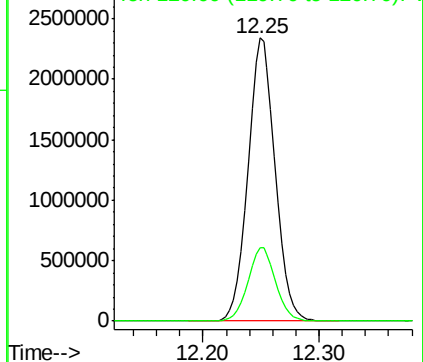
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.63 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Tgt Ion: 43 Resp: 1039369

Ion Ratio Lower Upper

43 100

70 43.5 34.8 52.2

55 26.1 20.9 31.3

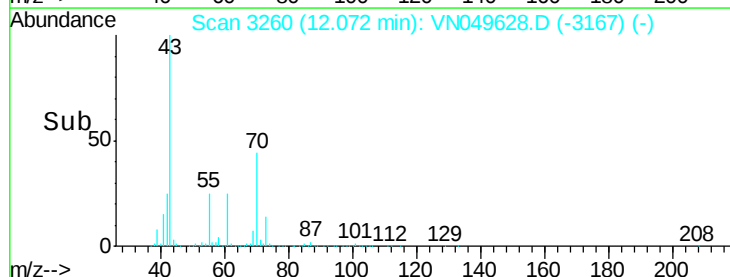
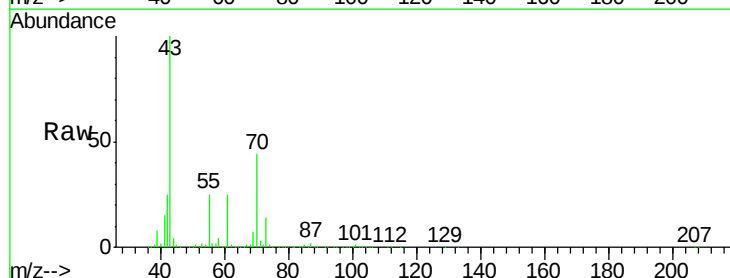
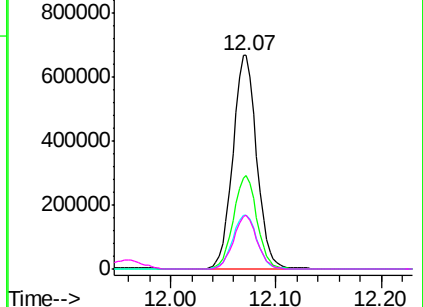
61 24.9 19.9 29.9

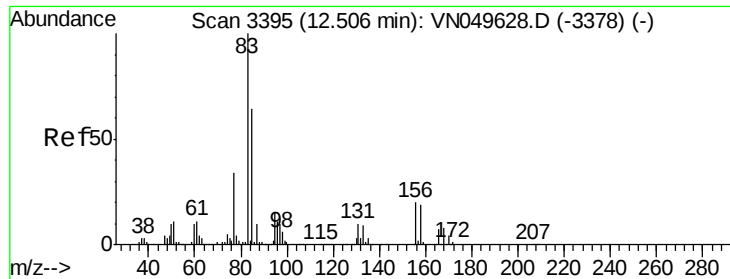
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 43.27 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 816322

Ion Ratio Lower Upper

83 100

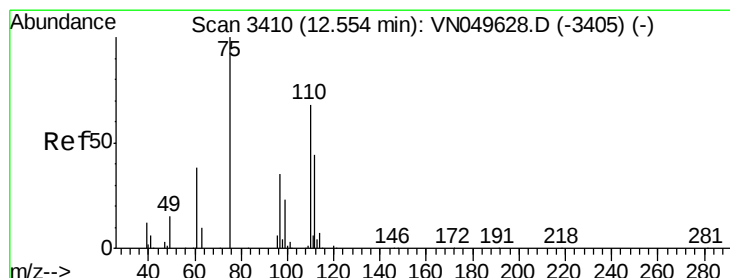
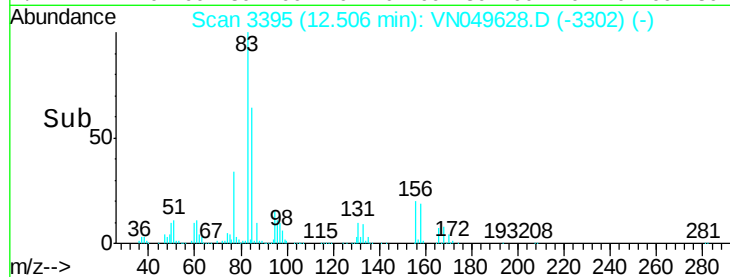
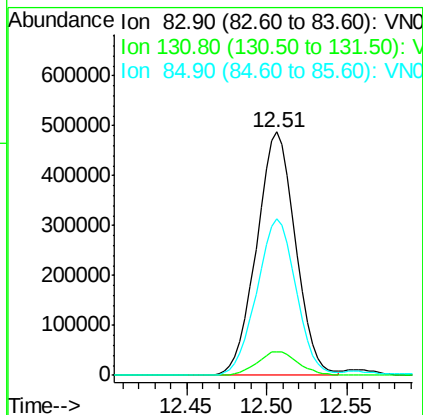
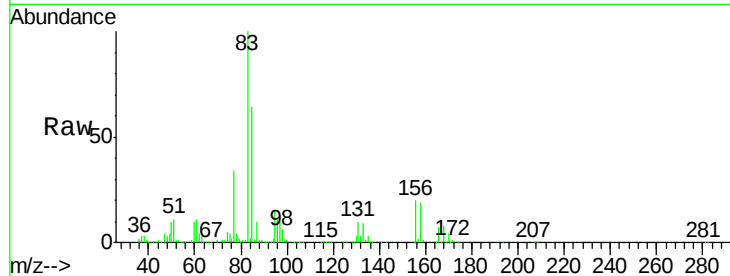
131 10.4 5.2 15.6

85 64.9 32.5 97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 44.43 ug/l m

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN049628.D

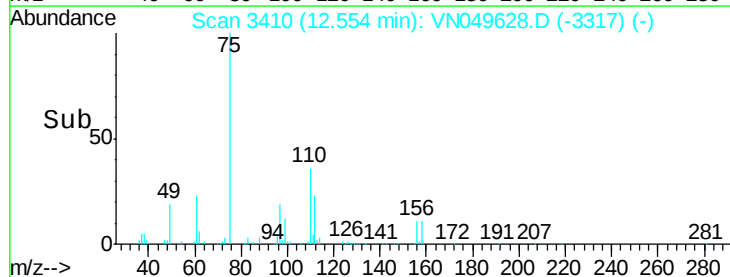
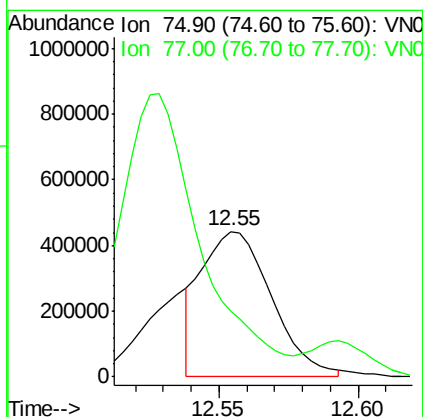
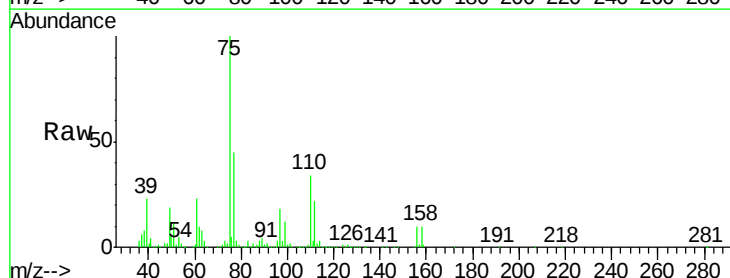
Acq: 29 Jun 2018 12:10

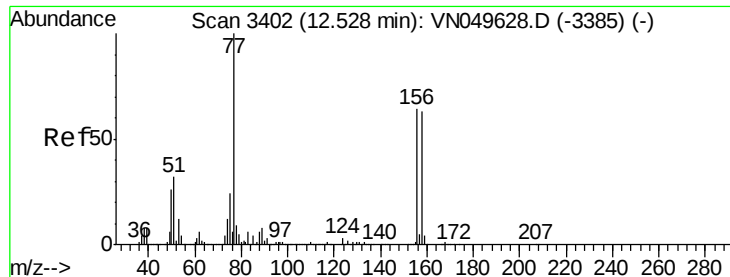
Tgt Ion: 75 Resp: 773645

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.75 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

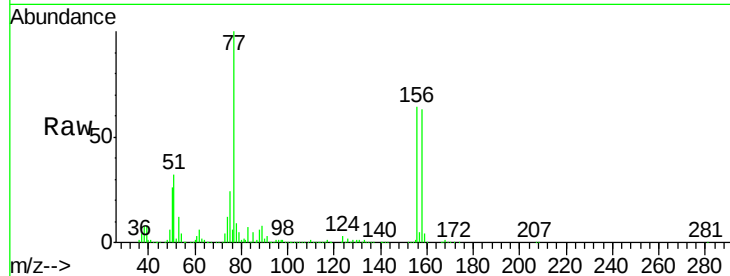
ClientSampled :

VSTDICCC050

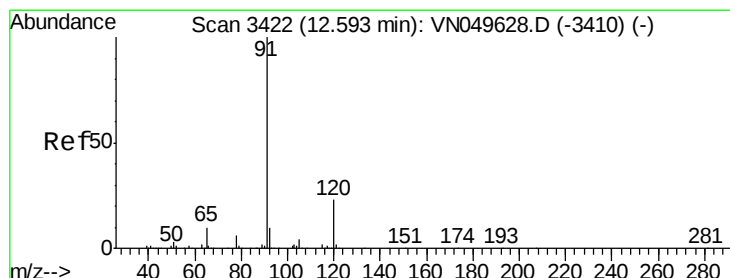
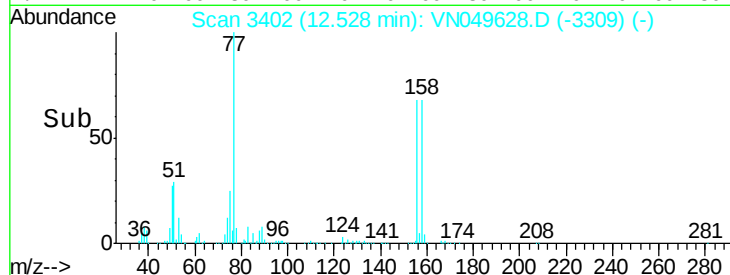
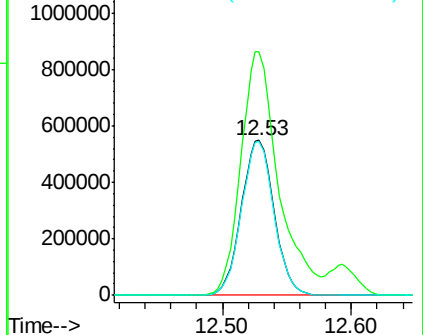
Tot Ion:	156	Resp:	972115
Ion Ratio	Lower	Upper	
156	100		
77	180.4	90.2	270.6
158	98.2	49.1	147.3

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VNO
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.06 ug/l

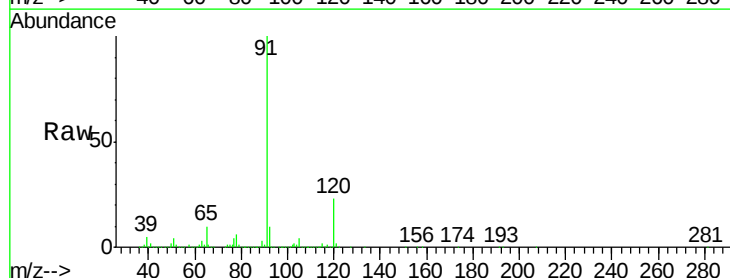
RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

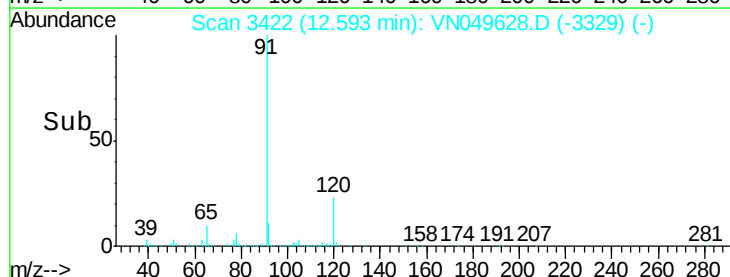
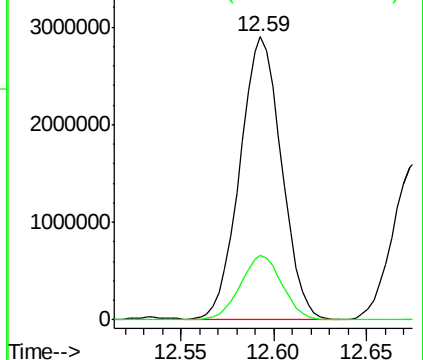
Lab File: VN049628.D

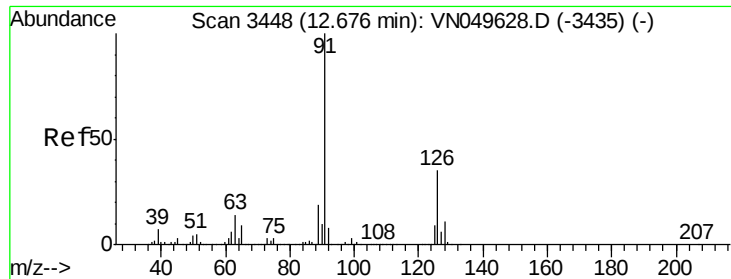
Acq: 29 Jun 2018 12:10

Tgt Ion:	91	Resp:	4491799
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.4



Abundance Ion 91.00 (90.70 to 91.70): VNO
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.14 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion: 91 Resp: 2673435

Ion Ratio Lower Upper

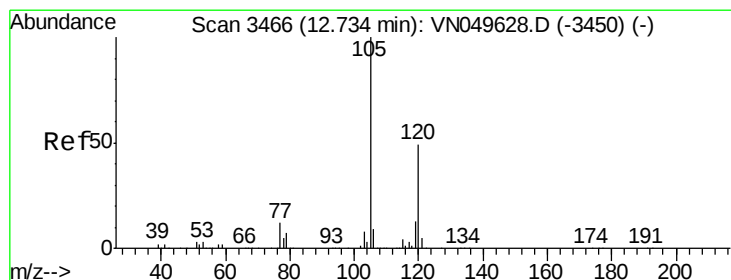
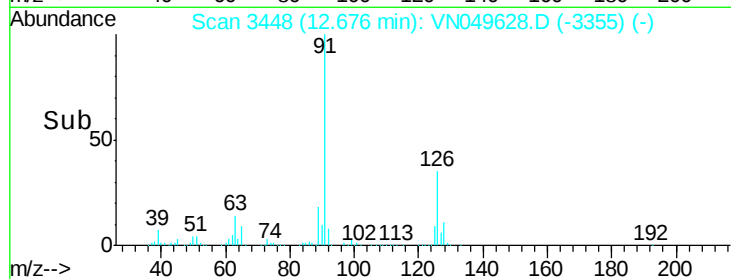
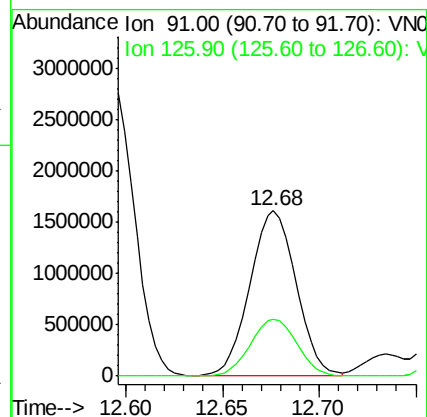
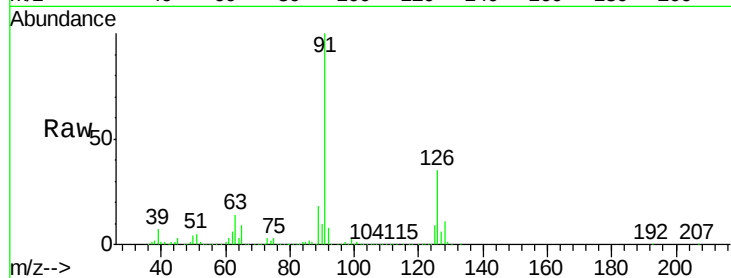
91 100

126 35.0 17.5 52.5

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#80

1,3,5-Trimethylbenzene

Concen: 49.28 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049628.D

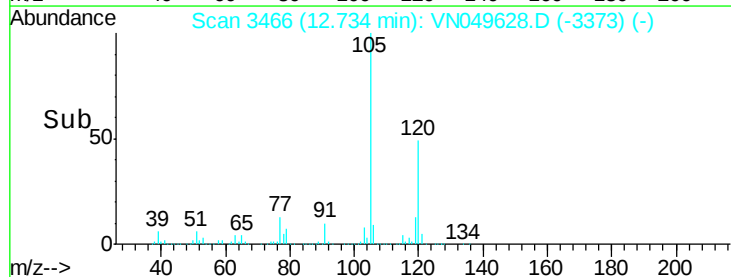
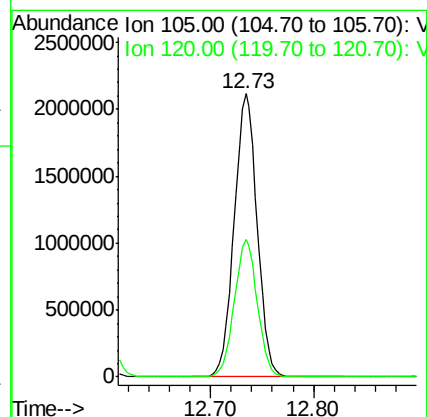
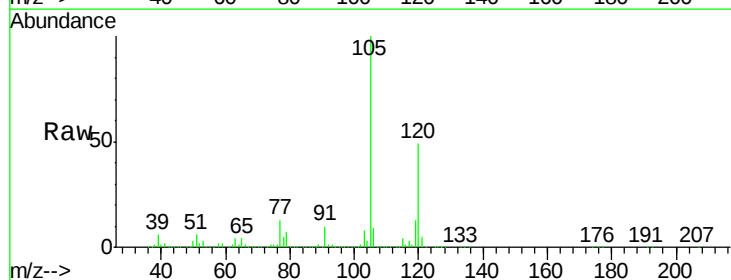
Acq: 29 Jun 2018 12:10

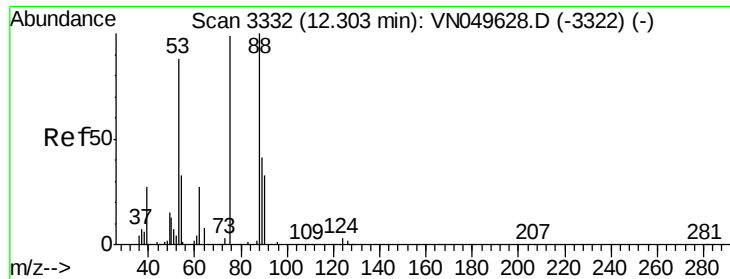
Tgt Ion: 105 Resp: 3271464

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 47.77 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 226257
Ion Ratio Lower Upper

75 100

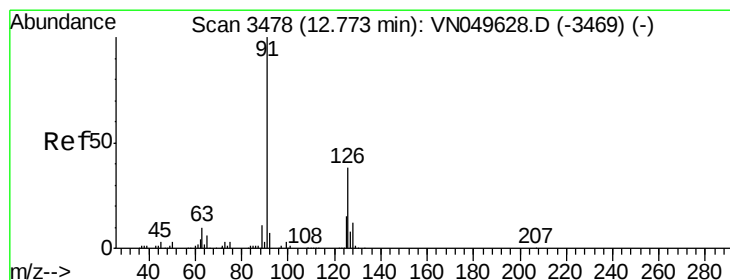
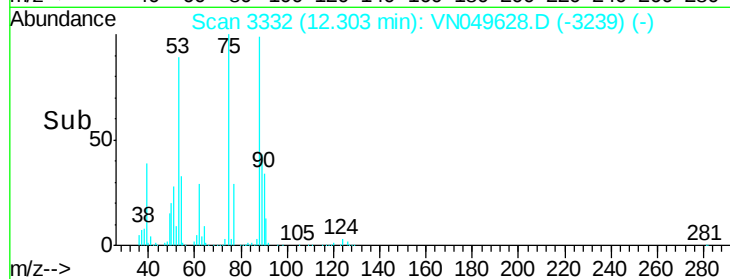
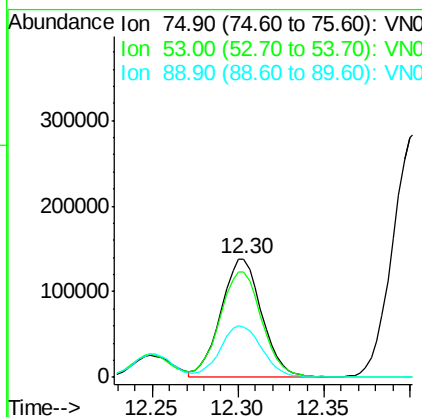
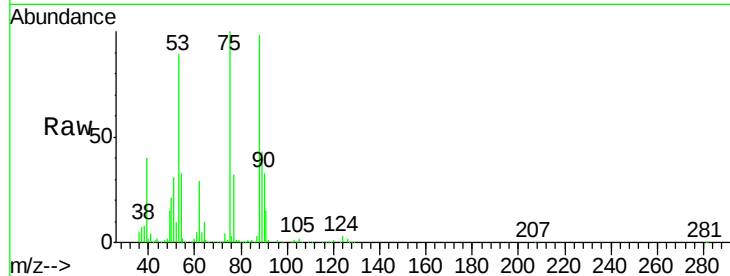
53 92.4 73.9 110.9

89 44.9 35.9 53.9

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#82

4-Chlorotoluene

Concen: 46.97 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. 0.00 min

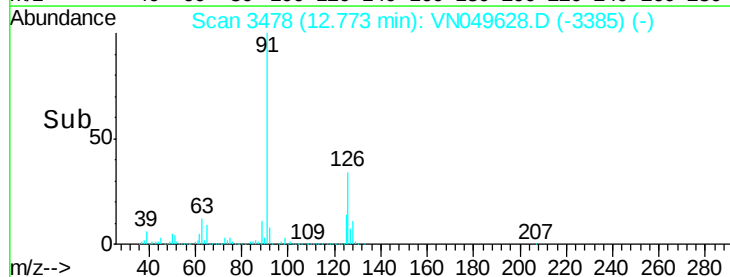
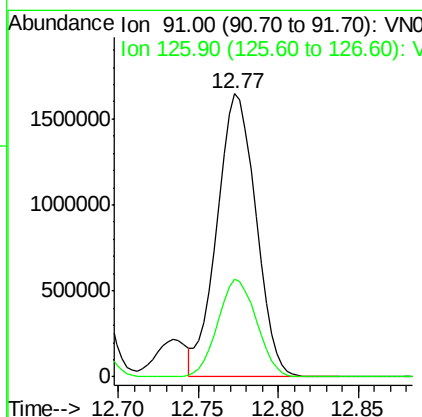
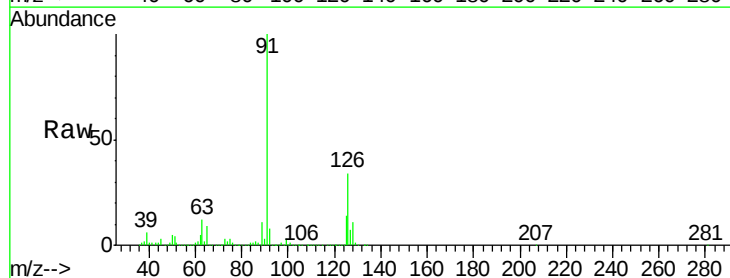
Lab File: VN049628.D

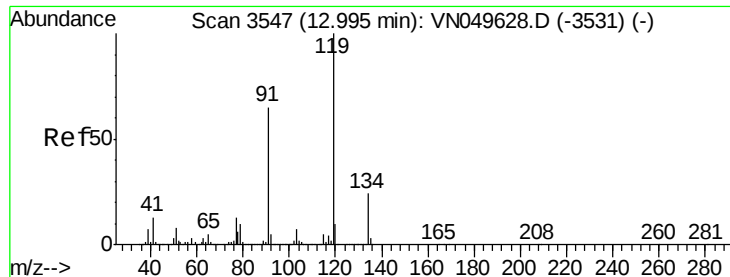
Acq: 29 Jun 2018 12:10

Tgt Ion: 91 Resp: 2736481
Ion Ratio Lower Upper

91 100

126 34.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 47.59 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion:119 Resp: 2713988

Ion Ratio Lower Upper

119 100

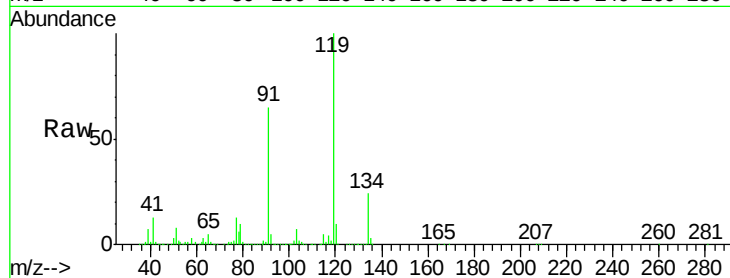
91 64.1 32.0 96.2

134 25.6 12.8 38.4

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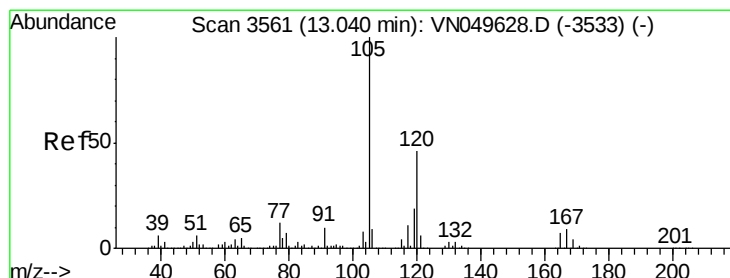
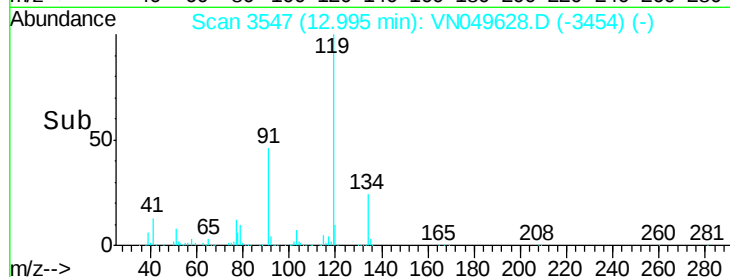
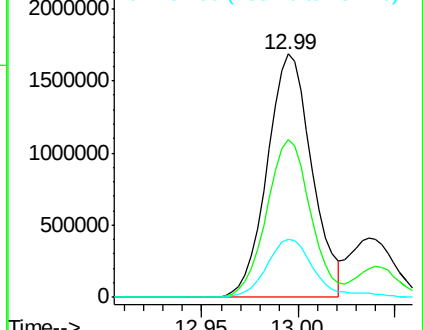
7/2/2018 2:19:33 PM



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.36 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN049628.D

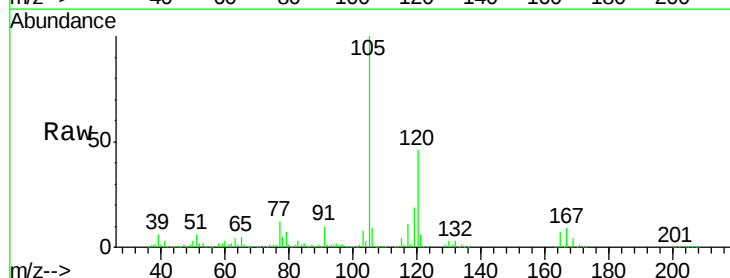
Acq: 29 Jun 2018 12:10

Tgt Ion:105 Resp: 3367426

Ion Ratio Lower Upper

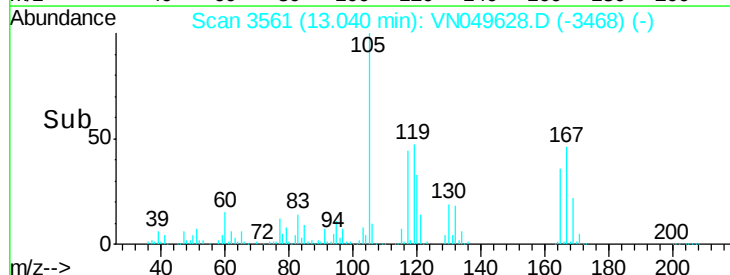
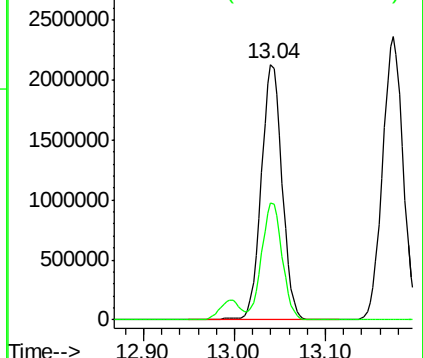
105 100

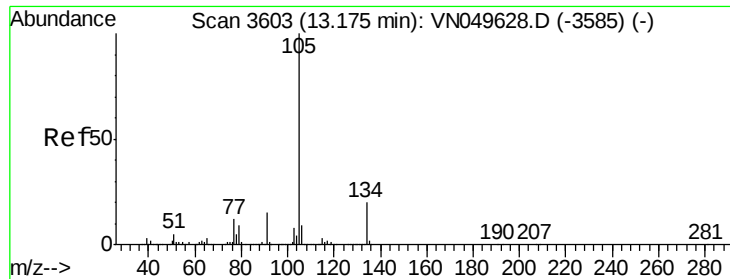
120 45.4 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.74 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion:105 Resp: 3683098

Ion Ratio Lower Upper

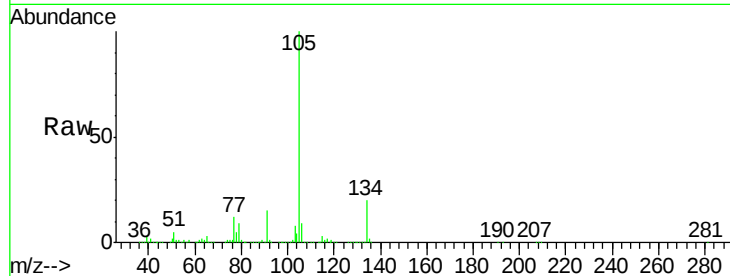
105 100

134 20.1 10.1 30.1

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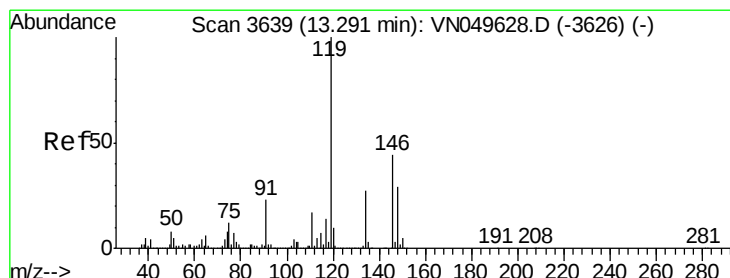
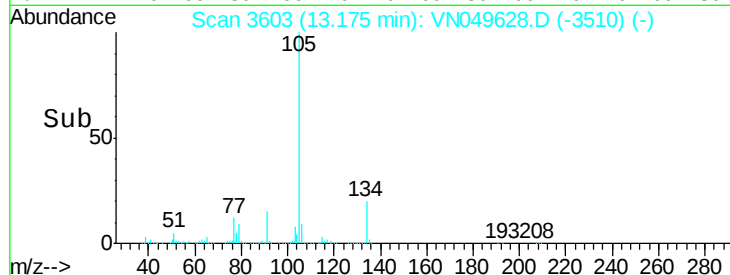
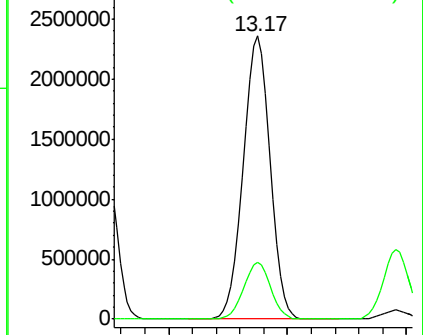
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.24 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

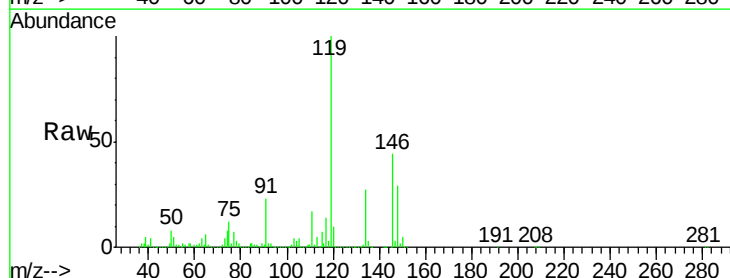
Tgt Ion:119 Resp: 3288105

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

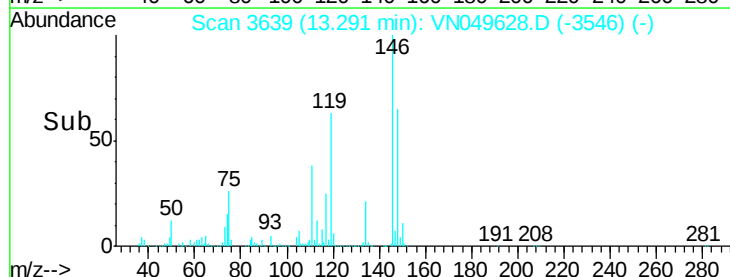
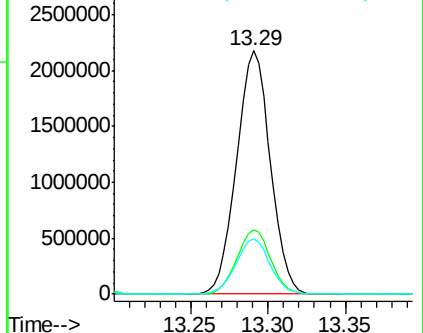
91 22.7 11.4 34.1

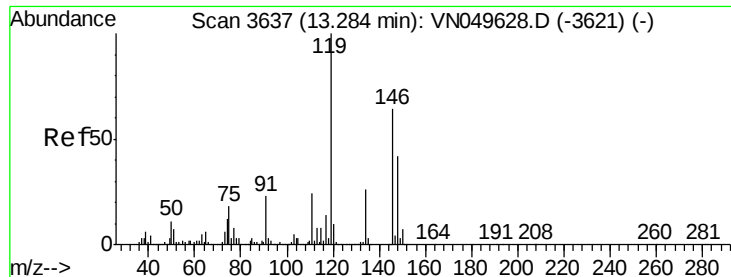


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





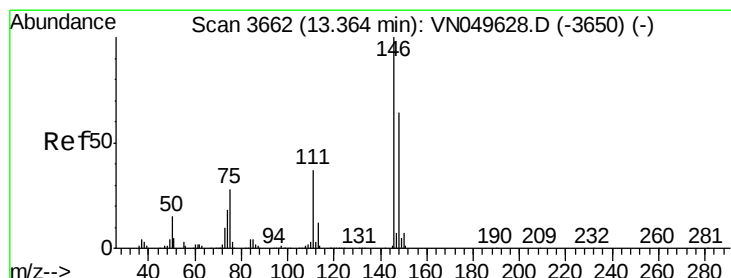
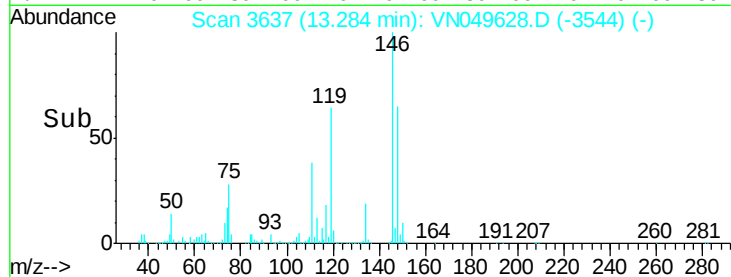
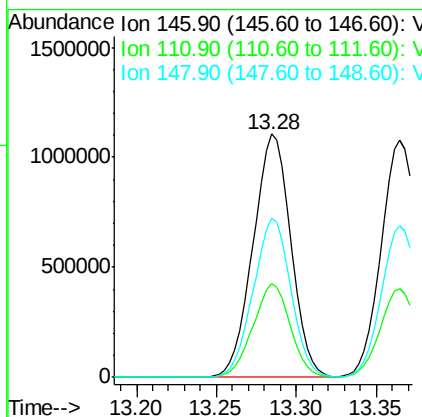
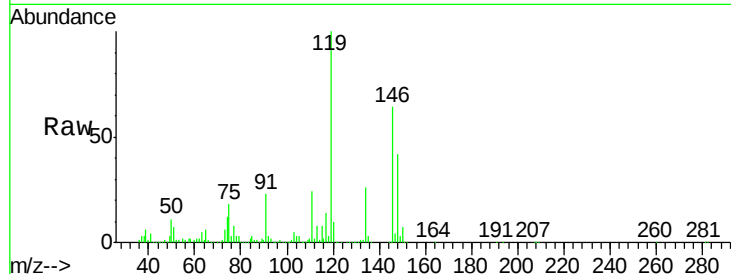
#87
 1,3-Dichlorobenzene
 Concen: 44.77 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	65.0	32.5	97.5

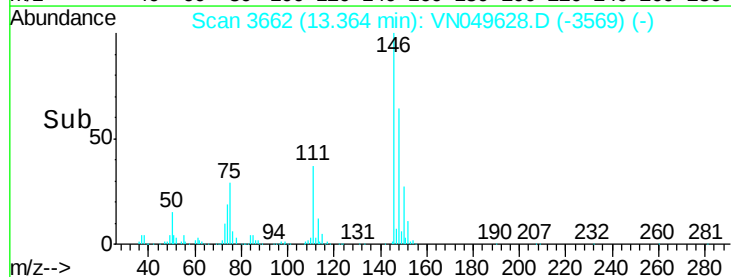
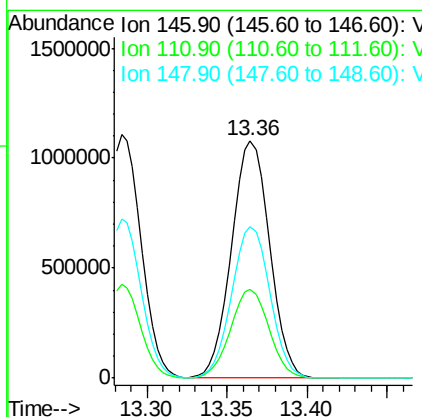
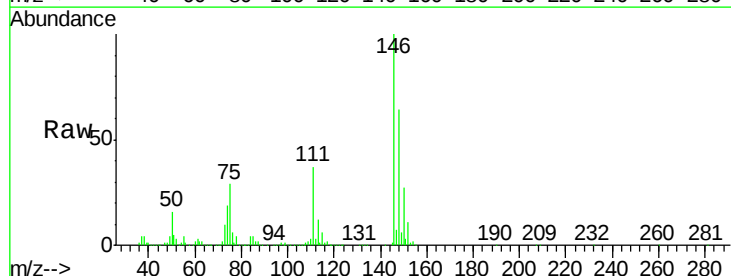
Manual Integrations
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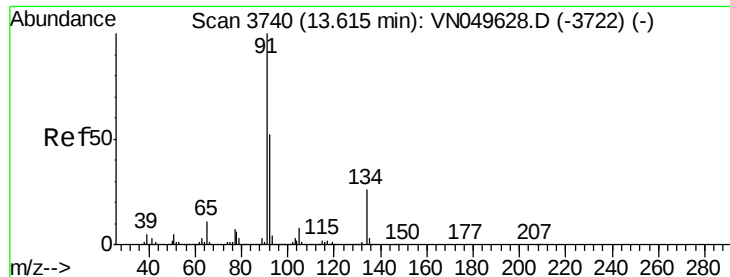
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#88
 1,4-Dichlorobenzene
 Concen: 43.70 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.5
148	64.2	32.1	96.3





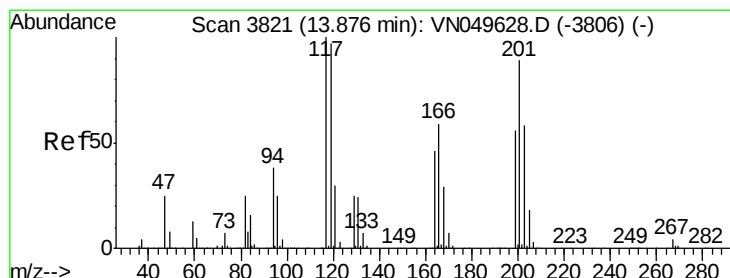
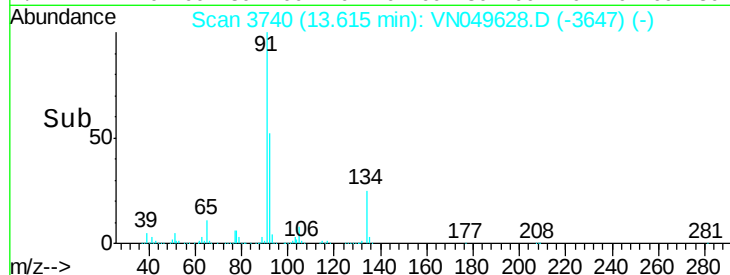
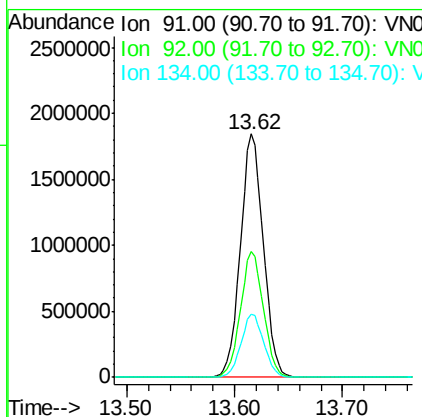
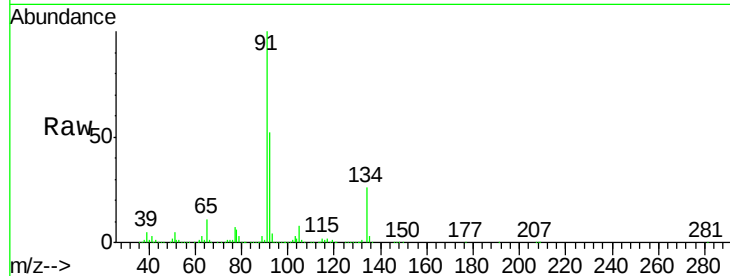
#89
n-Butylbenzene
Concen: 48.68 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	25.8	77.3
134	25.9	13.0	38.9

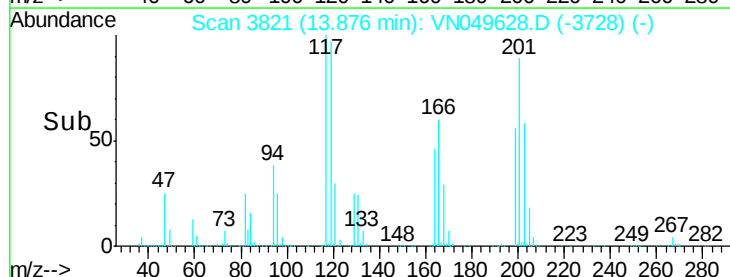
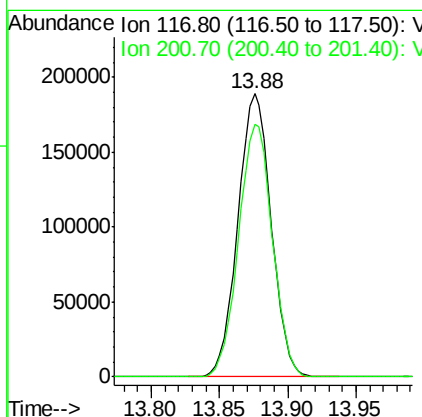
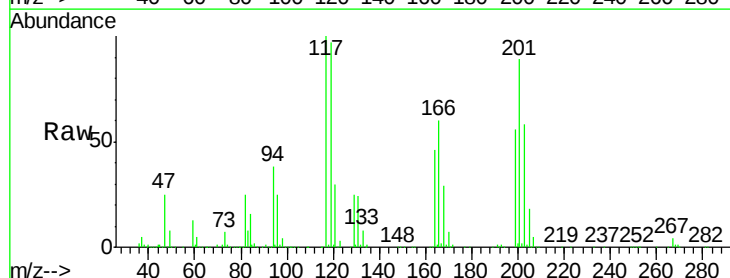
Manual Integrations
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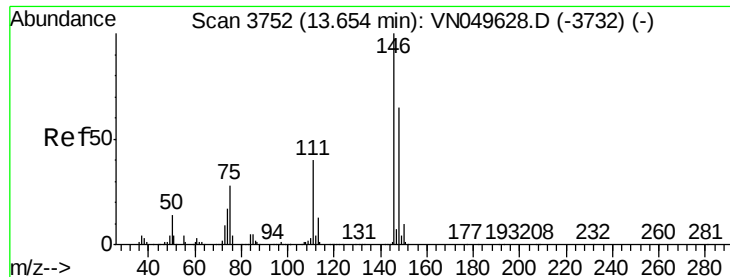
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#90
Hexachloroethane
Concen: 46.64 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.5	45.3	135.8





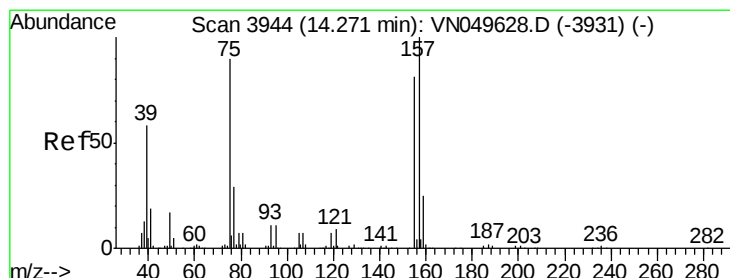
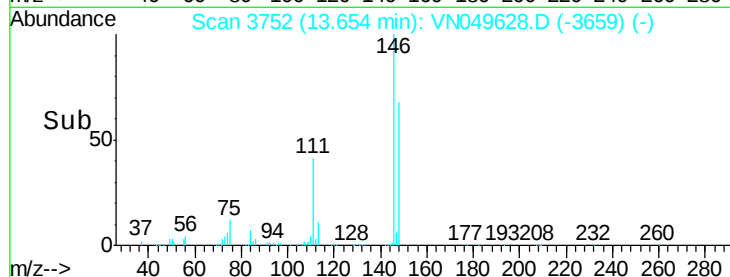
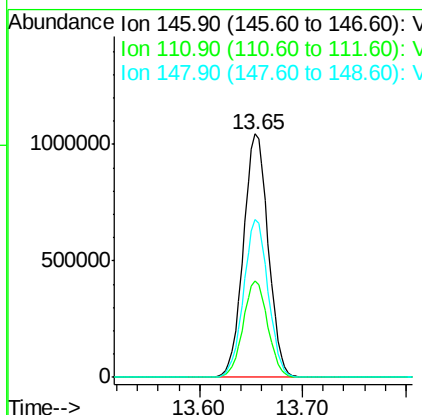
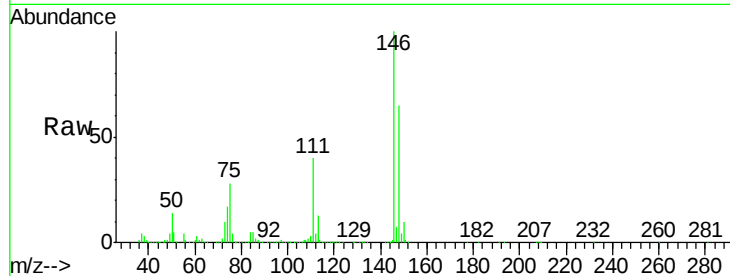
#91
 1,2-Dichlorobenzene
 Concen: 44.73 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.7	59.1
148	64.1	32.0	96.2

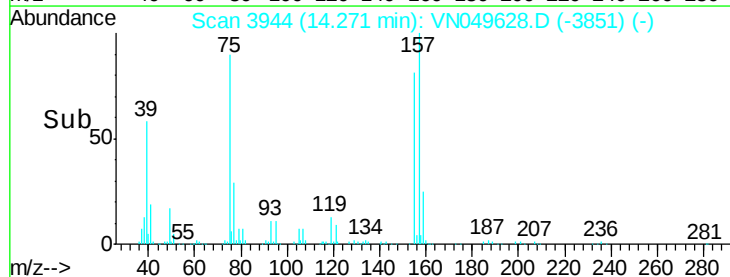
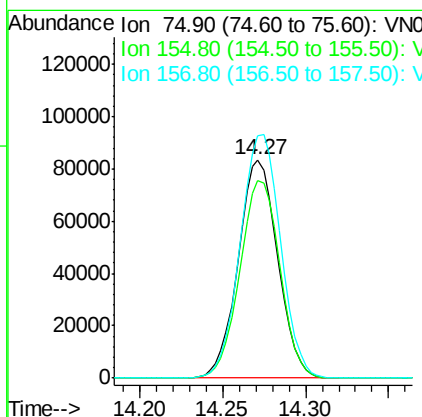
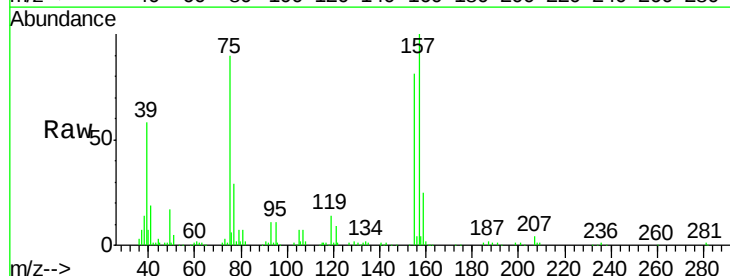
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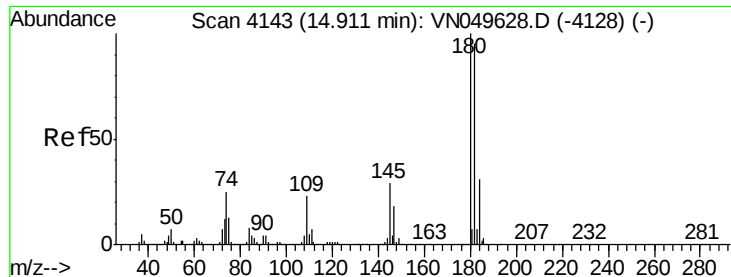
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.20 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.4	45.7	137.1
157	113.8	56.9	170.7





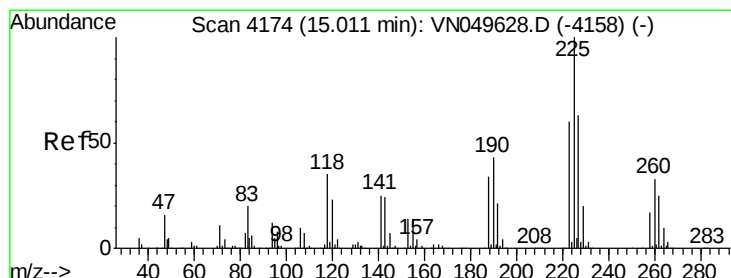
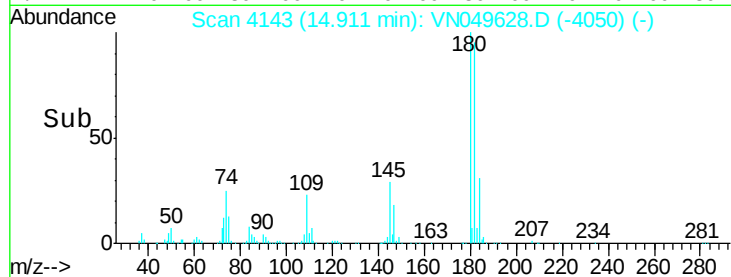
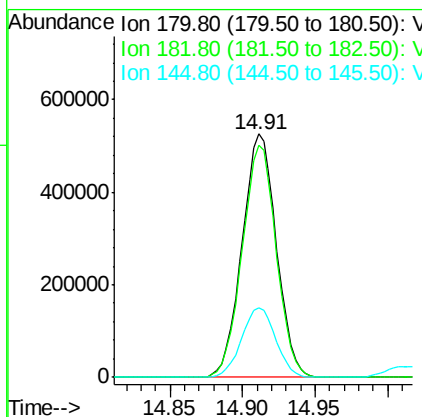
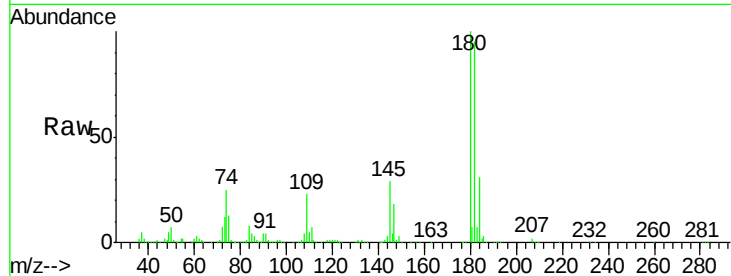
#93
 1,2,4-Trichlorobenzene
 Concen: 48.19 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	141.9
145	28.7	14.4	43.0

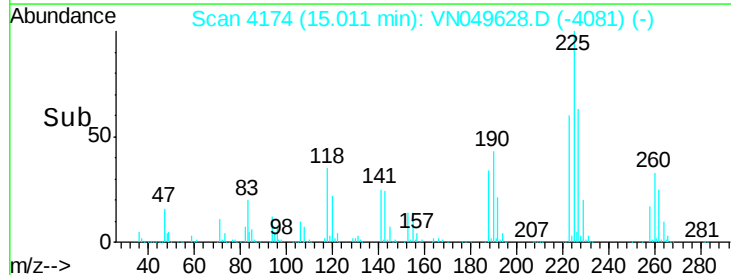
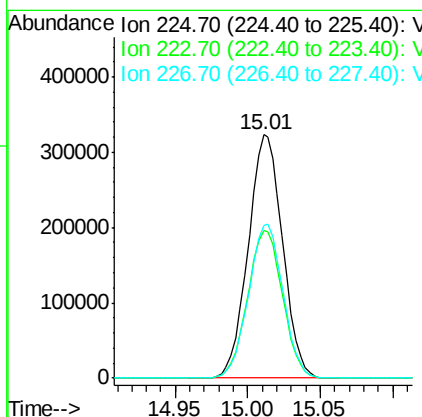
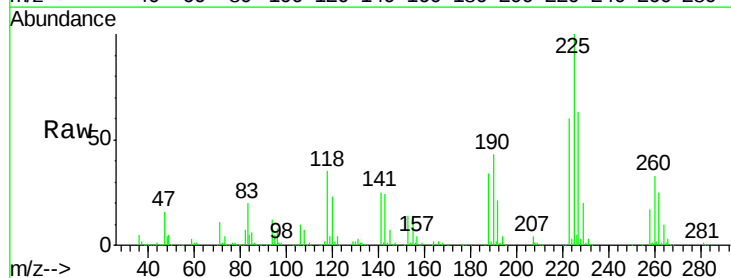
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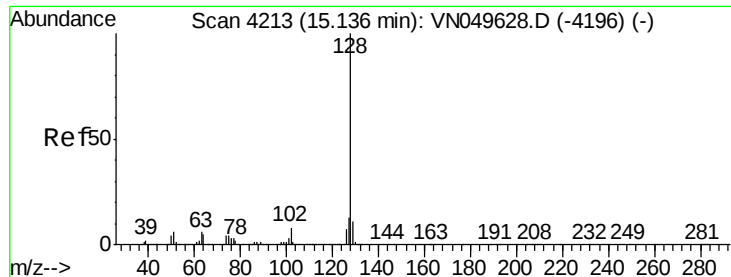
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#94
 Hexachlorobutadiene
 Concen: 42.75 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	30.9	92.7
227	63.6	31.8	95.4





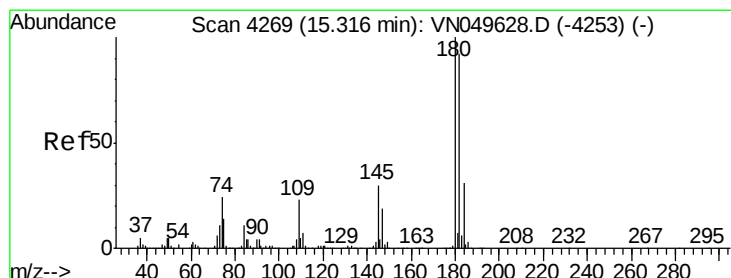
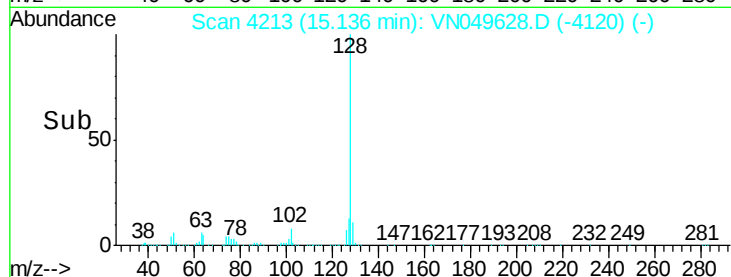
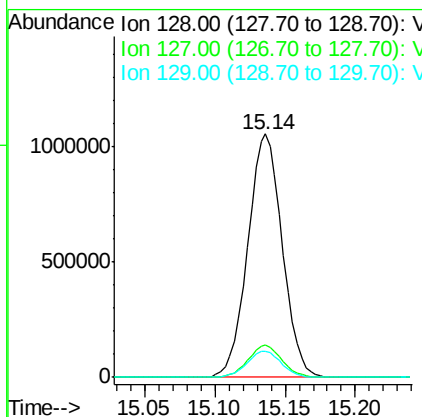
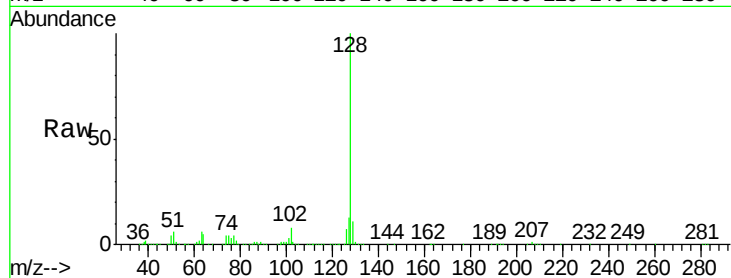
#95
Naphthalene
Concen: 46.76 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 44.98 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.4	142.2
145	30.4	15.2	45.6

