

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062718\
 Data File : VN049572.D
 Acq On : 27 Jun 2018 15:14
 Operator : MD\SY
 Sample : PB110627TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 27 17:23:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1165440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1866146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1552800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	614595	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	766661	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
35) Dibromofluoromethane	7.59	113	643240	42.60	ug/l	0.00
Spiked Amount			Recovery	=	85.20%	
50) Toluene-d8	10.09	98	2509645	43.66	ug/l	0.00
Spiked Amount			Recovery	=	87.32%	
62) 4-Bromofluorobenzene	12.40	95	751322	39.53	ug/l	0.00
Spiked Amount			Recovery	=	79.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	4196	4.41	ug/l	# 30
16) Acetone	3.82	43	104060	27.73	ug/l	92
17) Carbon Disulfide	4.05	76	19742	0.47	ug/l	98
18) Methyl Acetate	4.33	43	179933	15.72	ug/l	95
20) Methylene Chloride	4.55	84	37511	2.39	ug/l	87
25) 2-Butanone	6.85	43	10859	2.15	ug/l	91
29) Tetrahydrofuran	7.22	42	671	0.21	ug/l	# 10
31) Cyclohexane	7.66	56	21337	0.76	ug/l	# 1
36) 1,1-Dichloropropene	7.66	75	79199	3.70	ug/l	# 50
38) Carbon Tetrachloride	7.67	117	107595	4.86	ug/l	# 17
43) Isopropyl Acetate	8.24	43	261881	11.79	ug/l	# 64
49) 1,4-Dioxane	9.20	88	230	1.59	ug/l	# 1
51) 4-Methyl-2-Pentanone	9.99	43	9179	0.79	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	459	14.40	ug/l	# 51
59) 2-Hexanone	10.75	43	6425	0.86	ug/l	95
65) Chlorobenzene	11.44	112	23091	0.58	ug/l	99
68) m/p-Xylenes	11.62	106	6022	0.24	ug/l	# 70
74) N-amyl acetate	12.04	43	3906	0.30	ug/l	# 49
75) 1,1,2,2-Tetrachloroethane	12.50	83	463	Below	Cal	# 1
76) 1,2,3-Trichloropropane	12.40	75	357167	34.06	ug/l	# 100
77) Bromobenzene	12.53	156	3007	0.21	ug/l	81
81) trans-1,4-Dichloro-2-buten	12.40	75	357167	107.65	ug/l	# 9
82) 4-Chlorotoluene	12.78	91	9173	0.25	ug/l	93
87) 1,3-Dichlorobenzene	13.28	146	7618	0.32	ug/l	97
88) 1,4-Dichlorobenzene	13.28	146	7618	0.33	ug/l	95
89) n-Butylbenzene	13.62	91	8773	0.27	ug/l	96
90) Hexachloroethane	13.88	117	62	Below	Cal	# 9
91) 1,2-Dichlorobenzene	13.66	146	6735	0.29	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	859	0.46	ug/l	# 29
93) 1,2,4-Trichlorobenzene	14.91	180	7554	5.39	ug/l	98
94) Hexachlorobutadiene	15.01	225	3534	Below	Cal	93
95) Naphthalene	15.14	128	20277	3.27	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	9349	4.30	ug/l	# 82

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062718\
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

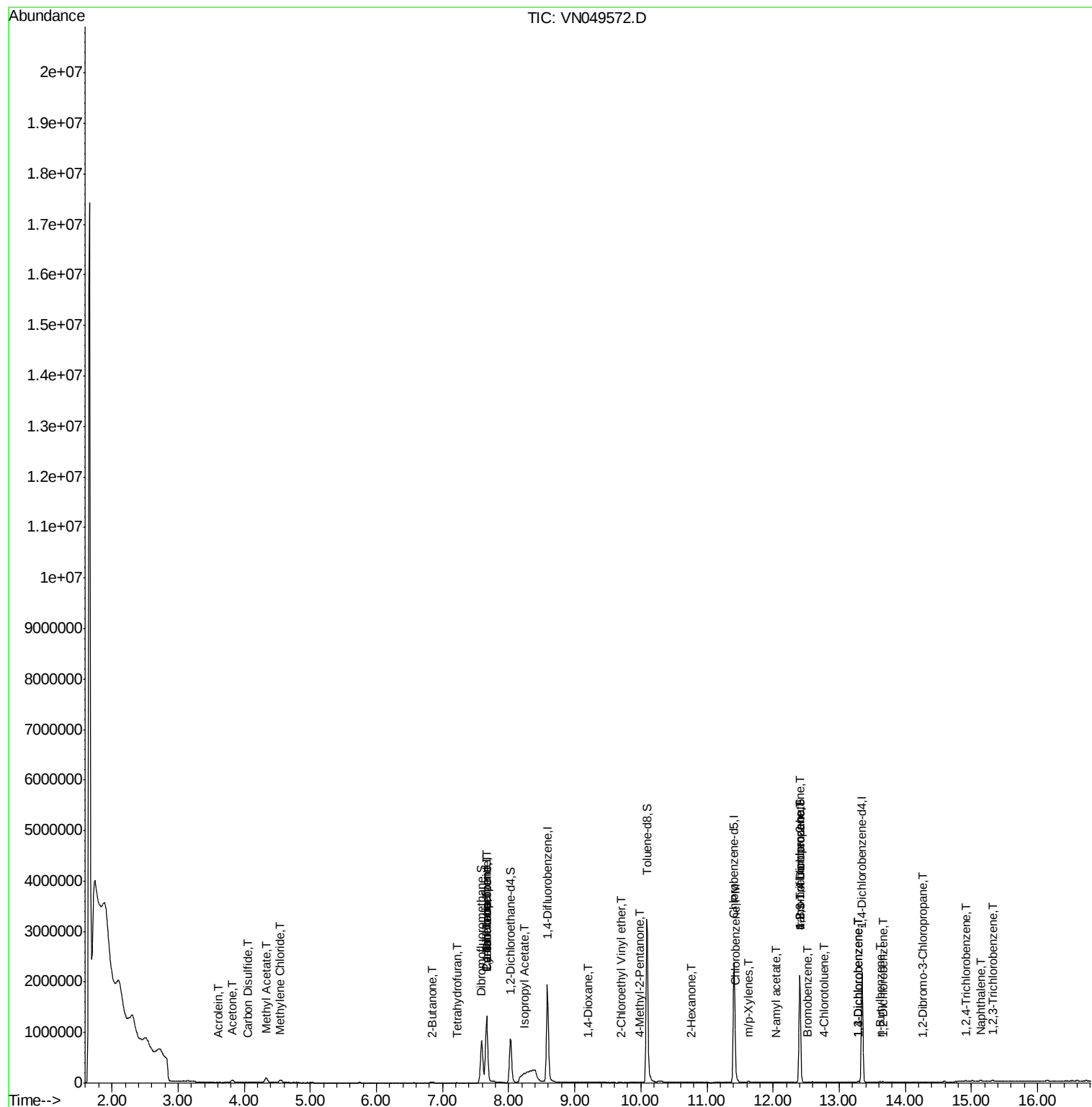
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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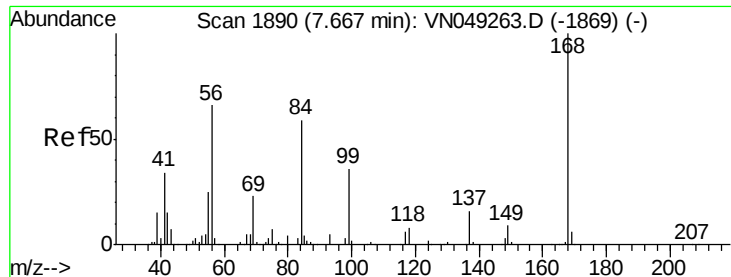
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062718\
Data File : VN049572.D
Acq On : 27 Jun 2018 15:14
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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: VN049572.D

Acq: 27 Jun 2018 15:14

Instrument :

MSVOA_N

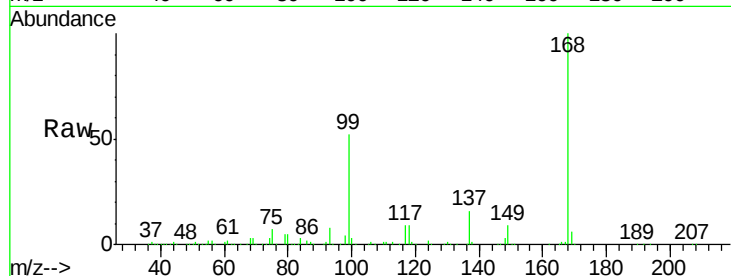
ClientSampleId :

Tot Ion:168 Resp: 1165440

Ion Ratio Lower Upper

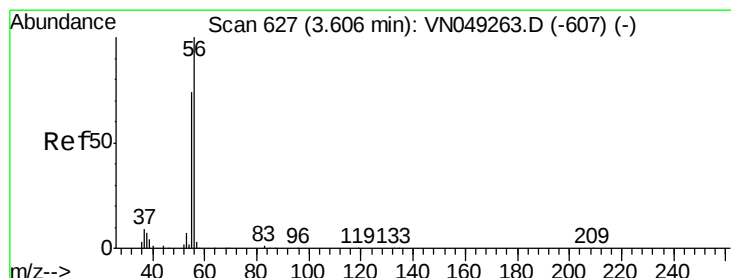
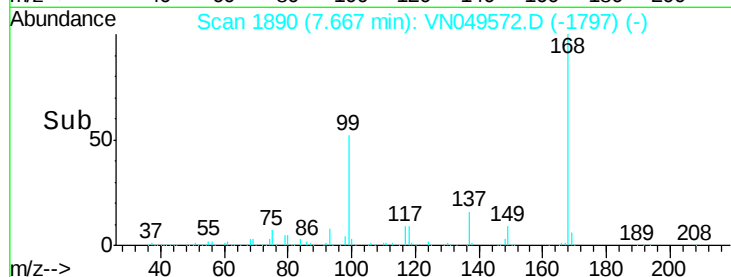
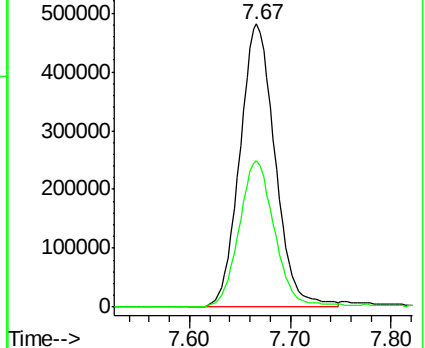
168 100

99 51.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#13

Acrolein

Concen: 4.41 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049572.D

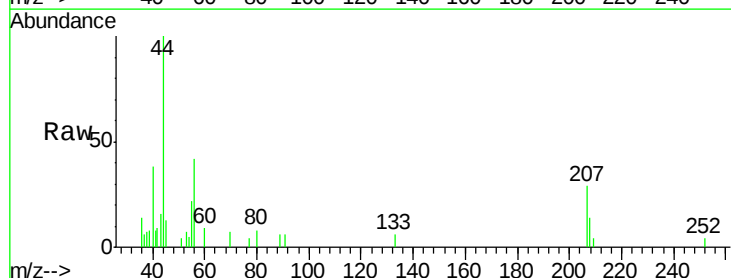
Acq: 27 Jun 2018 15:14

Tgt Ion: 56 Resp: 4196

Ion Ratio Lower Upper

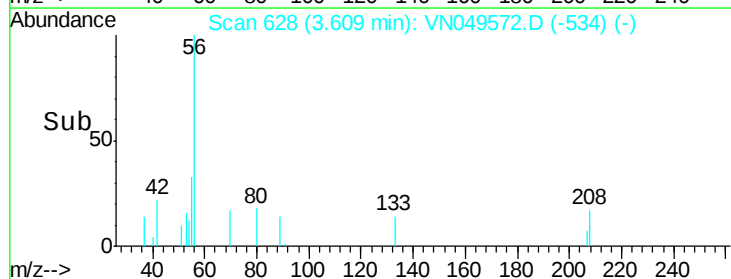
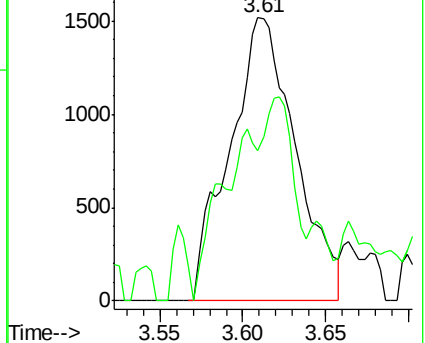
56 100

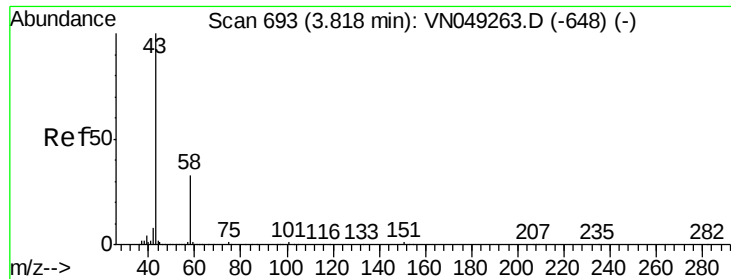
55 13.5 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO





#16

Acetone

Concen: 27.73 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049572.D

Acq: 27 Jun 2018 15:14

Instrument :

MSVOA_N

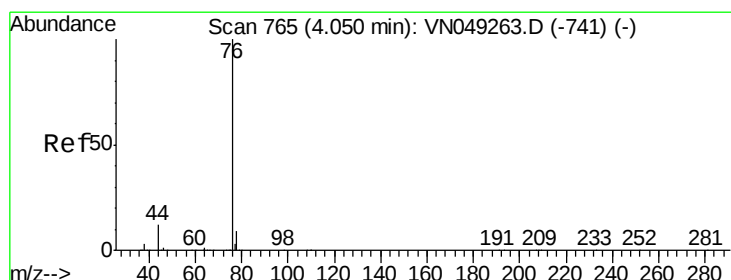
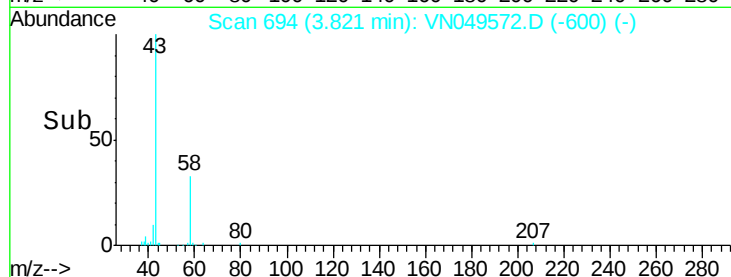
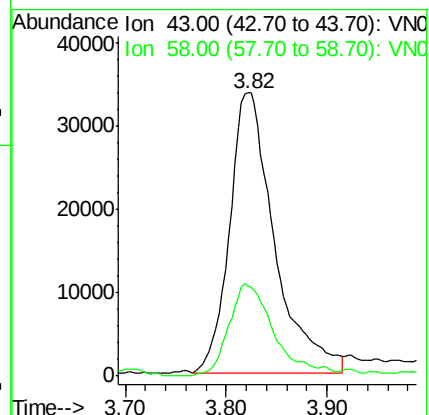
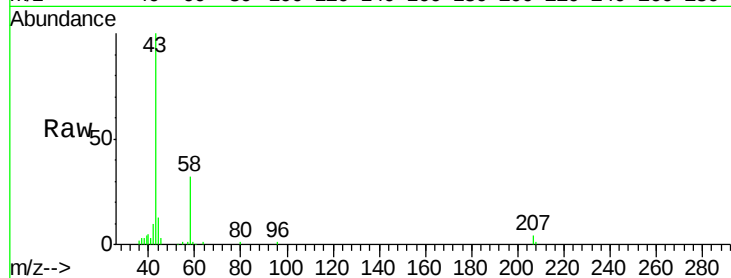
ClientSampleId :

Tot Ion: 43 Resp: 104060

Ion Ratio Lower Upper

43 100

58 32.4 22.4 33.6



#17

Carbon Disulfide

Concen: 0.47 ug/l

RT: 4.05 min Scan# 766

Delta R.T. 0.00 min

Lab File: VN049572.D

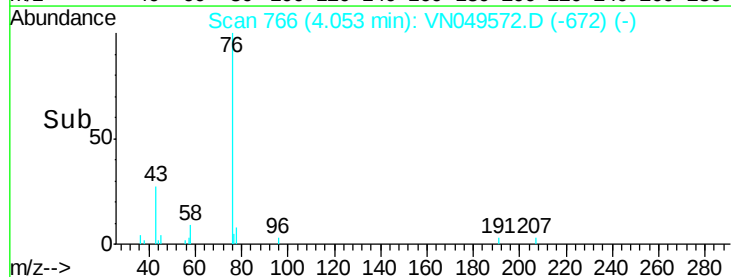
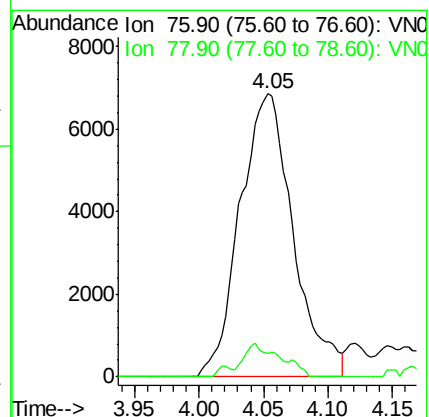
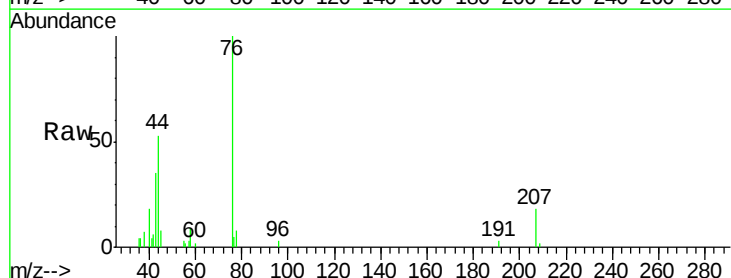
Acq: 27 Jun 2018 15:14

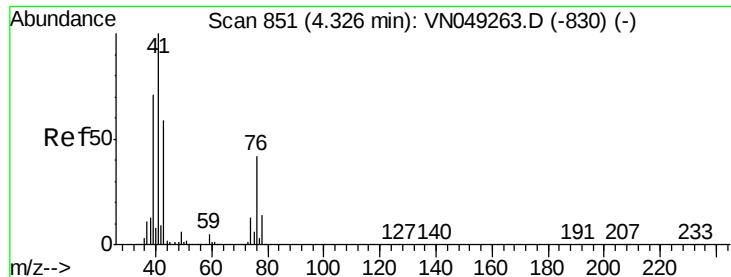
Tgt Ion: 76 Resp: 19742

Ion Ratio Lower Upper

76 100

78 8.3 7.4 11.0

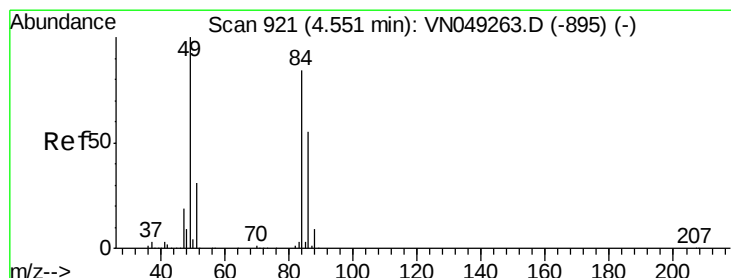
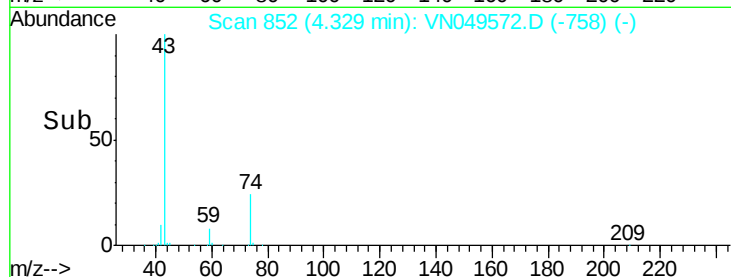
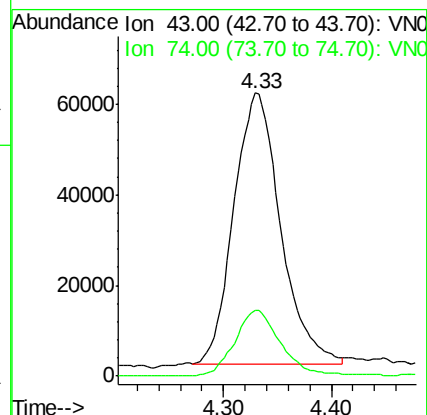
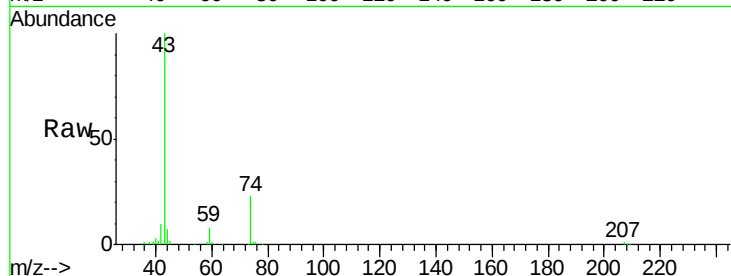




#18
Methvl Acetate
Concen: 15.72 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049572.D
Acq: 27 Jun 2018 15:14

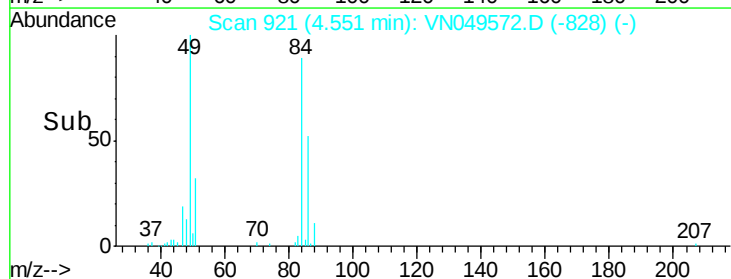
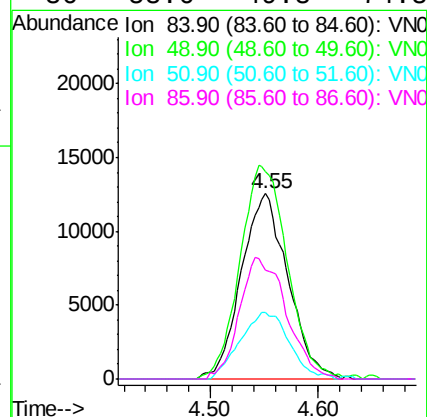
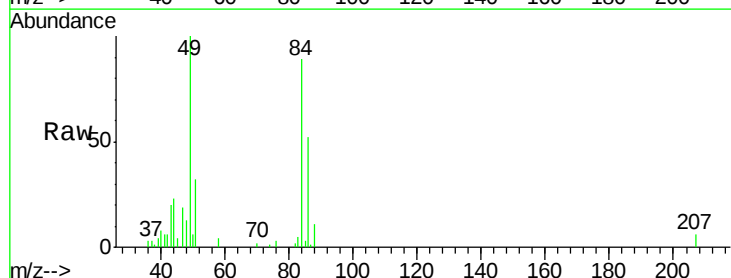
Instrument :
MSVOA_N
ClientSampleId :

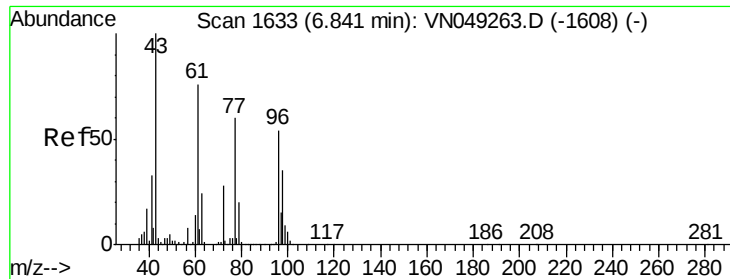
Tot Ion: 43 Resp: 179933
Ion Ratio Lower Upper
43 100
74 24.2 17.4 26.0



#20
Methylene Chloride
Concen: 2.39 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049572.D
Acq: 27 Jun 2018 15:14

Tgt Ion: 84 Resp: 37511
Ion Ratio Lower Upper
84 100
49 111.8 106.9 160.3
51 35.6 32.7 49.1
86 58.6 49.8 74.8

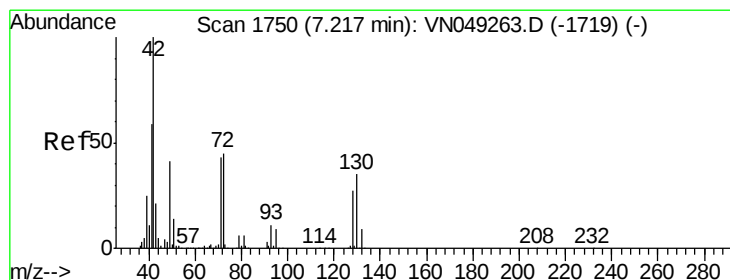
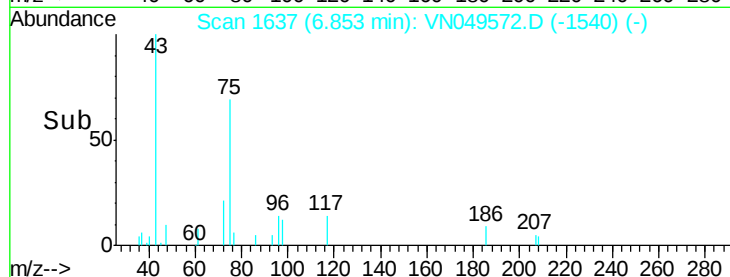
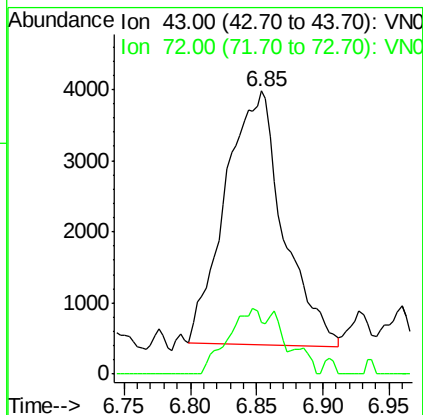
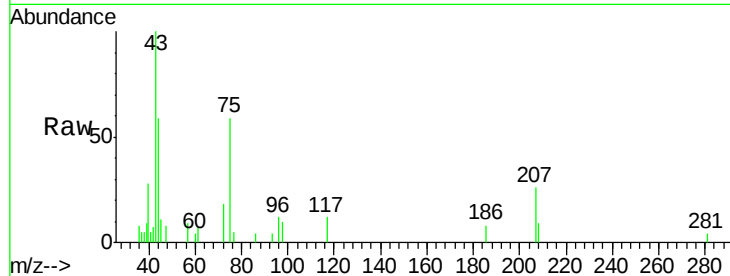




#25
2-Butanone
Concen: 2.15 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN049572.D
Acq: 27 Jun 2018 15:14

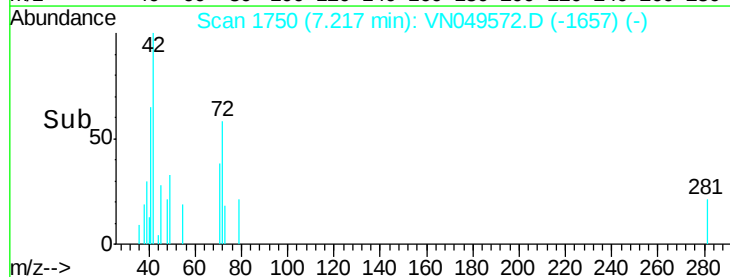
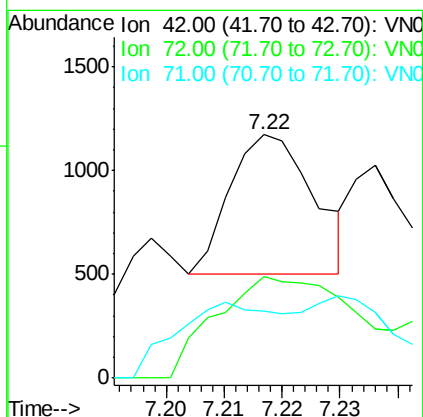
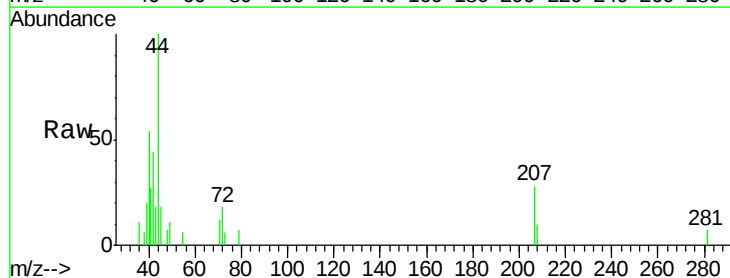
Instrument :
MSVOA_N
ClientSampled :

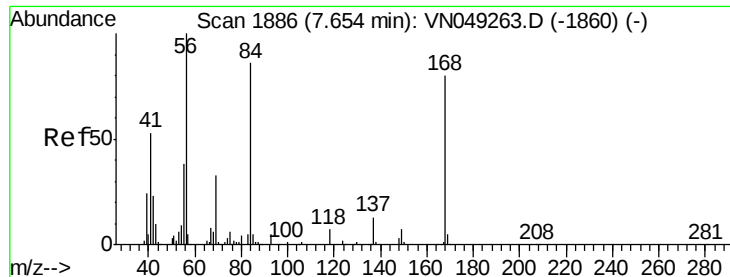
Tot Ion: 43 Resp: 10859
Ion Ratio Lower Upper
43 100
72 20.5 20.2 30.2



#29
Tetrahydrofuran
Concen: 0.21 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN049572.D
Acq: 27 Jun 2018 15:14

Tgt Ion: 42 Resp: 671
Ion Ratio Lower Upper
42 100
72 121.9 32.2 48.4#
71 65.4 30.5 45.7#

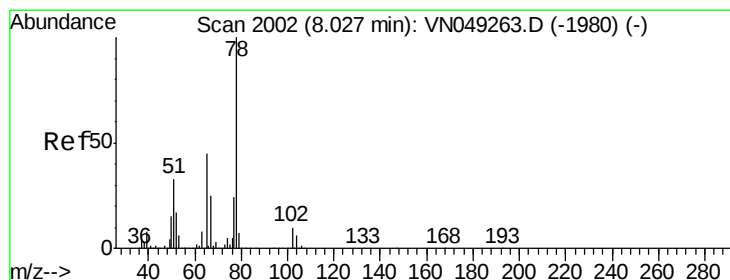
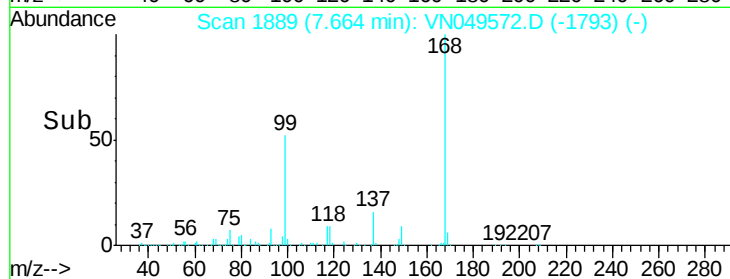
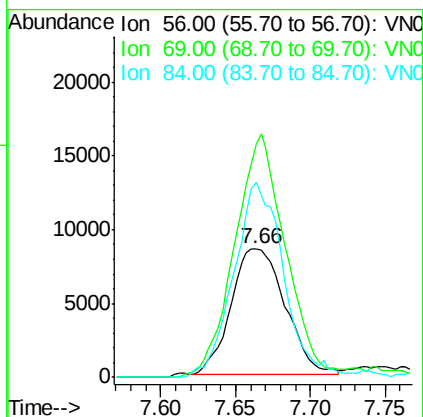
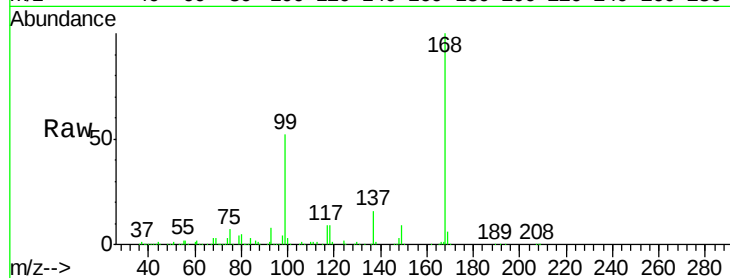




#31
Cyclohexane
Concen: 0.76 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN049572.D
Acq: 27 Jun 2018 15:14

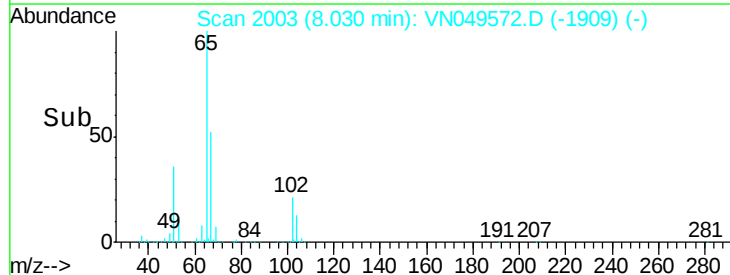
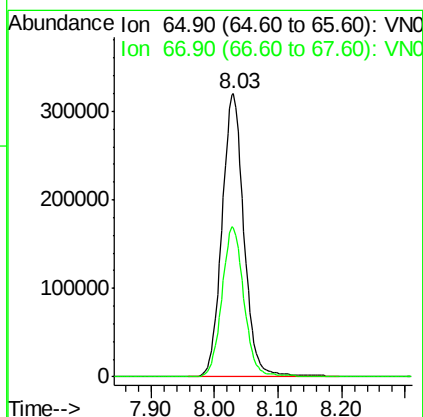
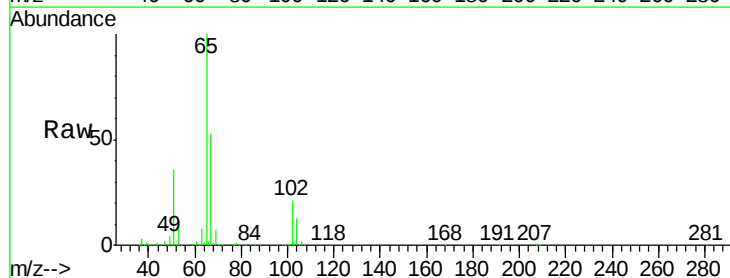
Instrument :
MSVOA_N
ClientSampled :

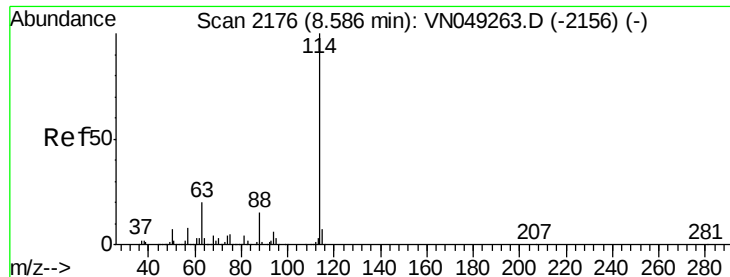
Tot Ion: 56 Resp: 21337
Ion Ratio Lower Upper
56 100
69 182.6 25.0 37.4#
84 154.0 64.6 96.8#



#33
1,2-Dichloroethane-d4
Concen: 49.60 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049572.D
Acq: 27 Jun 2018 15:14

Tgt Ion: 65 Resp: 766661
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.8

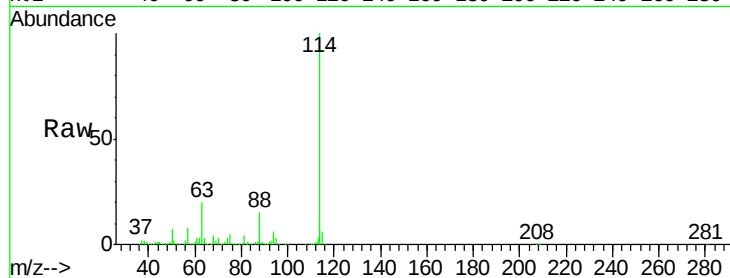




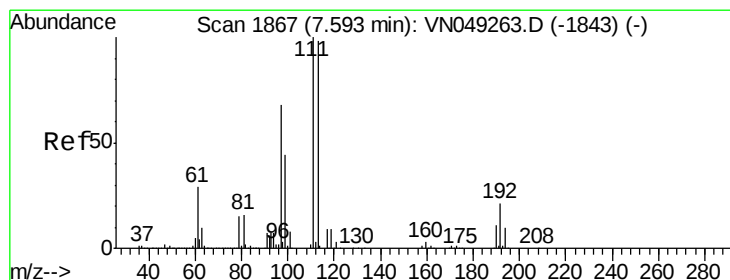
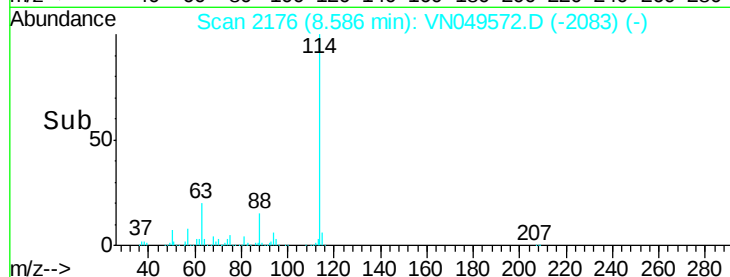
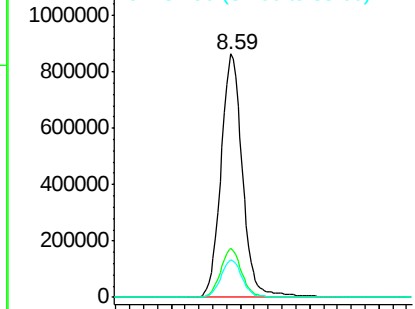
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VN049572.D
Acq: 27 Jun 2018 15:14

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:114 Resp: 1866146
Ion Ratio Lower Upper
114 100
63 20.0 0.0 44.4
88 15.3 0.0 31.4

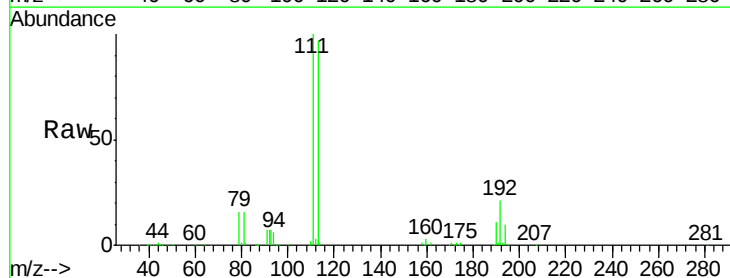


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

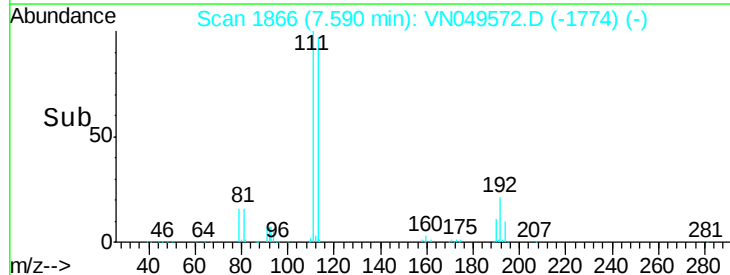
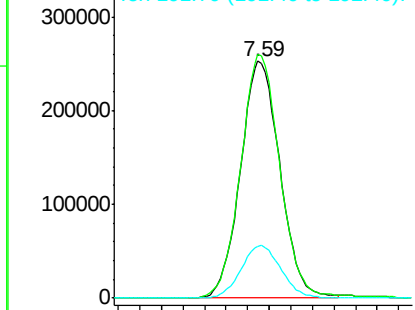


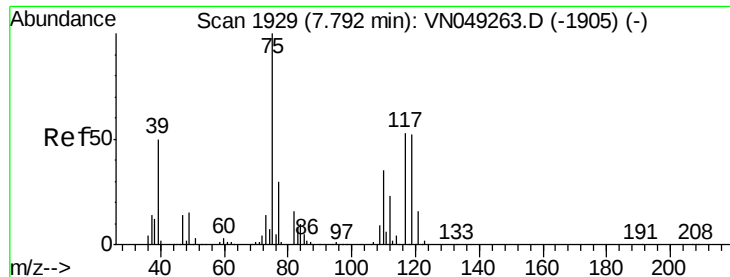
#35
Dibromofluoromethane
Concen: 42.60 ug/l
RT: 7.59 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN049572.D
Acq: 27 Jun 2018 15:14

Tgt Ion:113 Resp: 643240
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 22.5 15.0 22.6



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

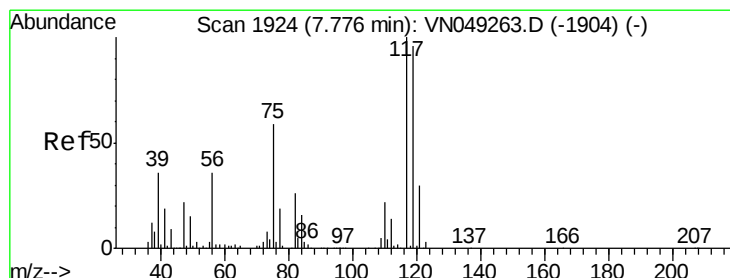
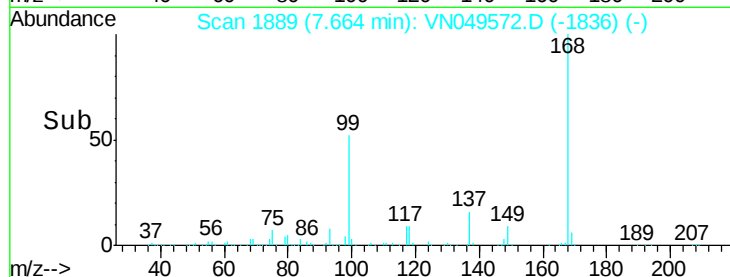
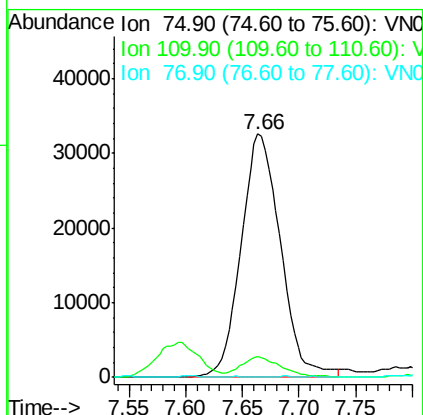
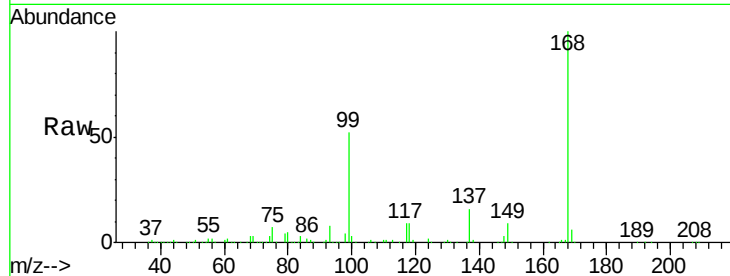




#36
 1,1-Dichloropropene
 Concen: 3.70 ug/l
 RT: 7.66 min Scan# 1889
 Delta R.T. -0.13 min
 Lab File: VN049572.D
 Acq: 27 Jun 2018 15:14

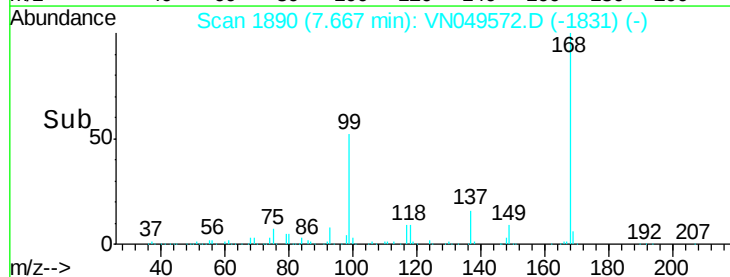
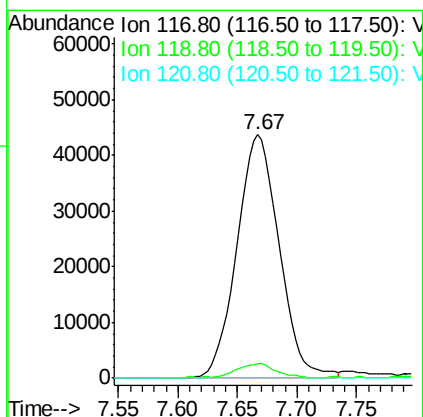
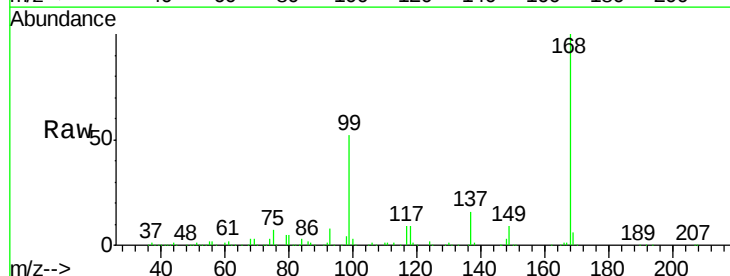
Instrument :
 MSVOA_N
 ClientSampled :

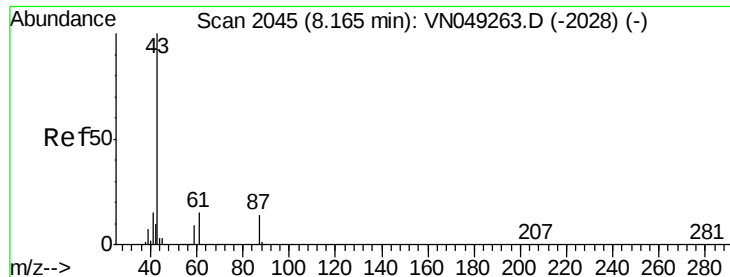
Tot Ion	75	Resp	79199
Ion Ratio	100	Lower	Upper
75	100		
110	8.6	17.0	50.9#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 4.86 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN049572.D
 Acq: 27 Jun 2018 15:14

Tgt Ion	117	Resp	107595
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.4	75.6	113.4#
121	0.0	24.7	37.1#

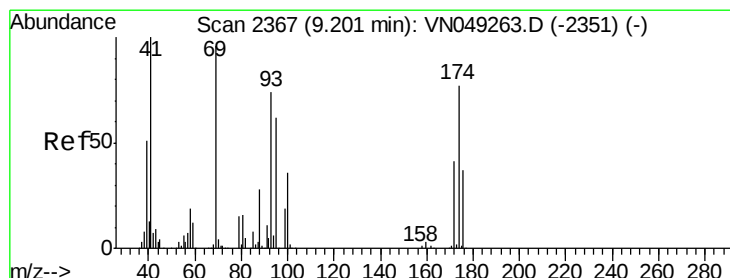
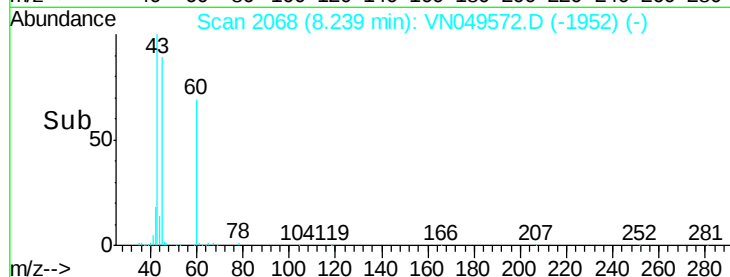
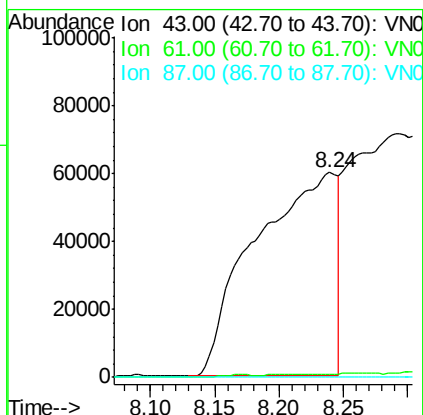
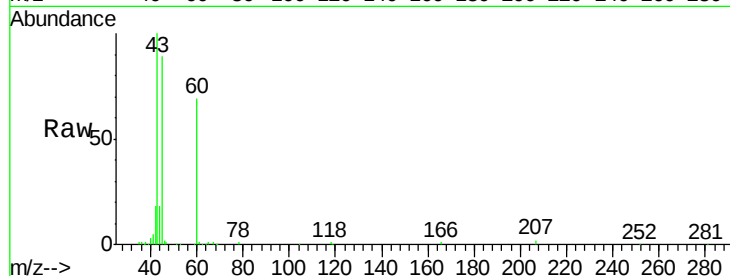




#43
Isopropyl Acetate
Concen: 11.79 ug/l
RT: 8.24 min Scan# 2068
Delta R.T. 0.07 min
Lab File: VN049572.D
Acq: 27 Jun 2018 15:14

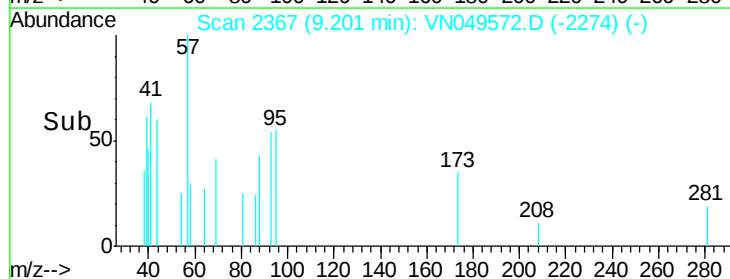
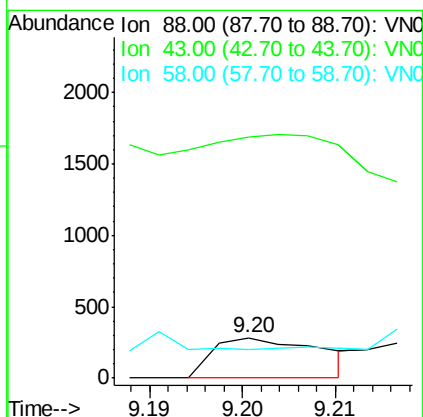
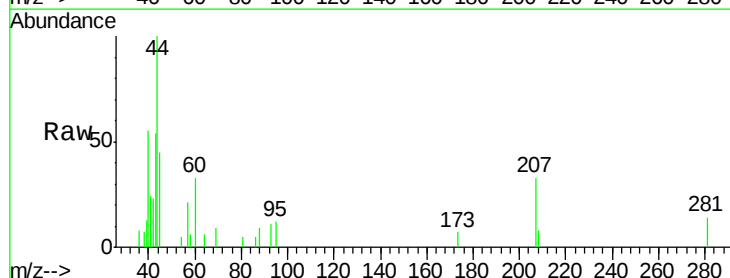
Instrument :
MSVOA_N
ClientSampled :

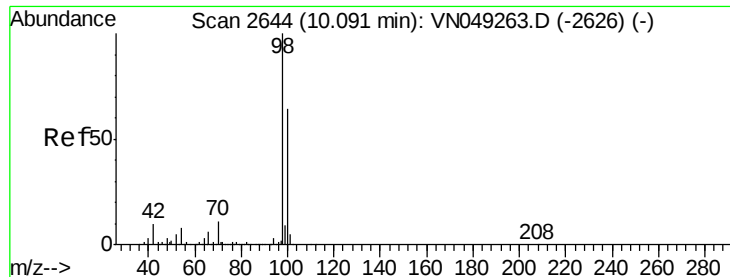
Tot Ion: 43 Resp: 261881
Ion Ratio Lower Upper
43 100
61 0.2 14.2 21.4#
87 0.0 9.4 14.0#



#49
1,4-Dioxane
Concen: 1.59 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049572.D
Acq: 27 Jun 2018 15:14

Tgt Ion: 88 Resp: 230
Ion Ratio Lower Upper
88 100
43 153.5 30.9 46.3#
58 0.0 58.9 88.3#





#50

Toluene-d8

Concen: 43.66 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049572.D

Acq: 27 Jun 2018 15:14

Instrument :

MSVOA_N

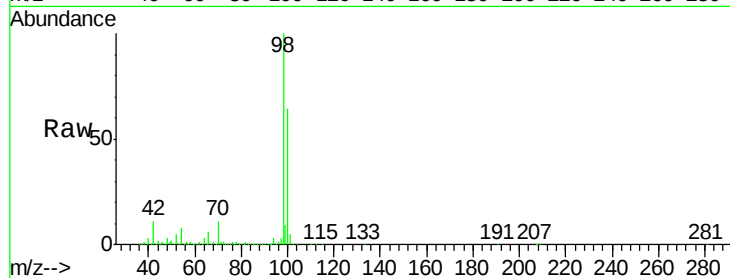
ClientSampled :

Tot Ion: 98 Resp: 2509645

Ion Ratio Lower Upper

98 100

100 63.7 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049263.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN049263.D (-2626) (-)

10.09

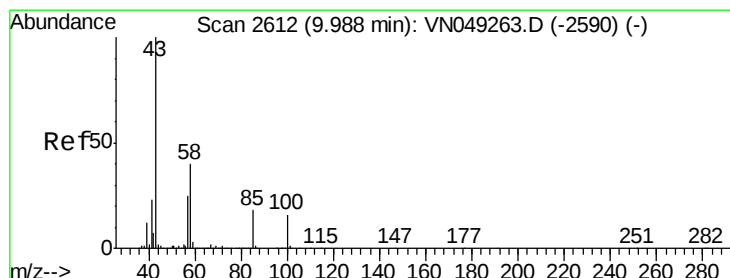
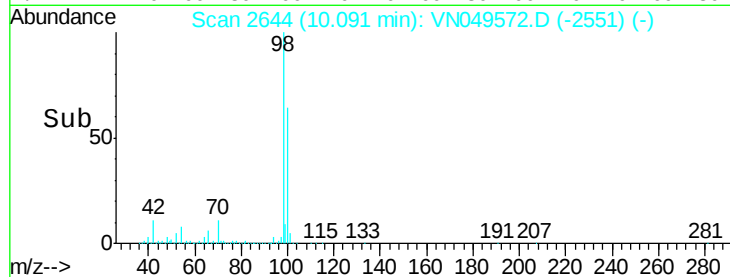
1500000

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.79 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049572.D

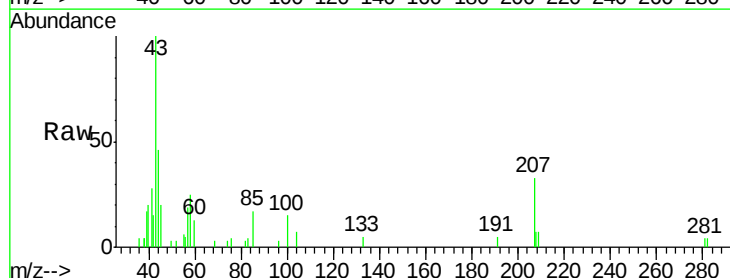
Acq: 27 Jun 2018 15:14

Tgt Ion: 43 Resp: 9179

Ion Ratio Lower Upper

43 100

58 36.6 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2590) (-)

Ion 58.00 (57.70 to 58.70): VN049263.D (-2590) (-)

9.99

10000

8000

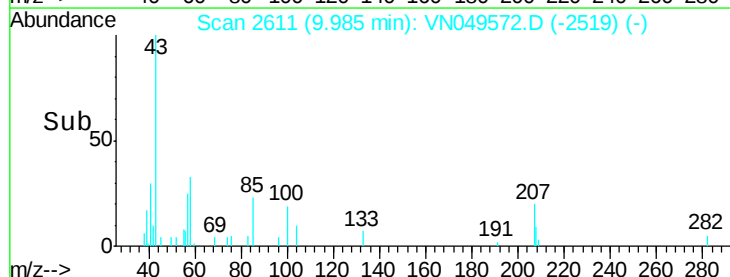
6000

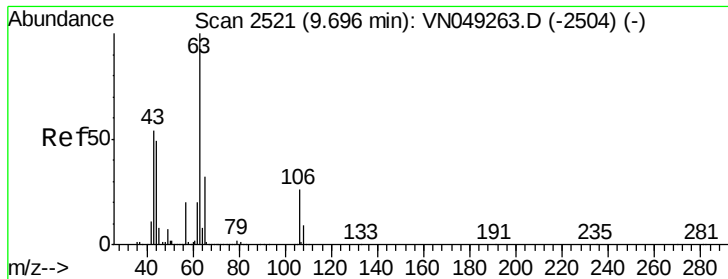
4000

2000

0

Time-->





#58

2-Chloroethyl Vinyl ether

Concen: 14.40 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049572.D

Acq: 27 Jun 2018 15:14

Instrument :

MSVOA_N

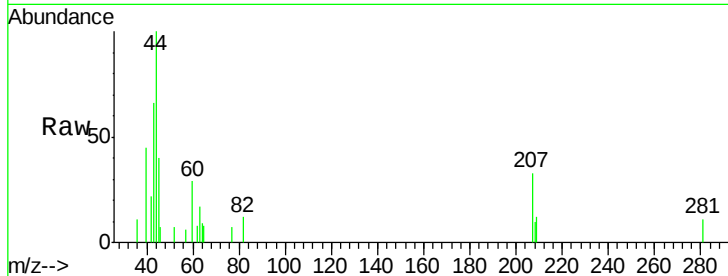
ClientSampled :

Tot Ion: 63 Resp: 459

Ion Ratio Lower Upper

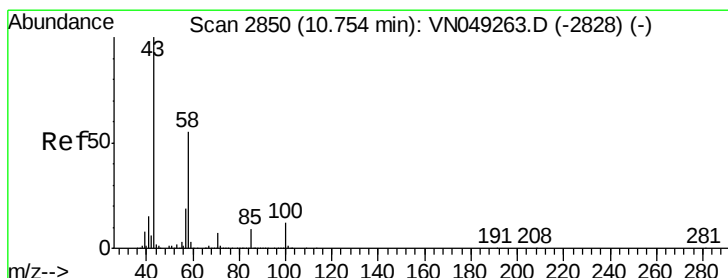
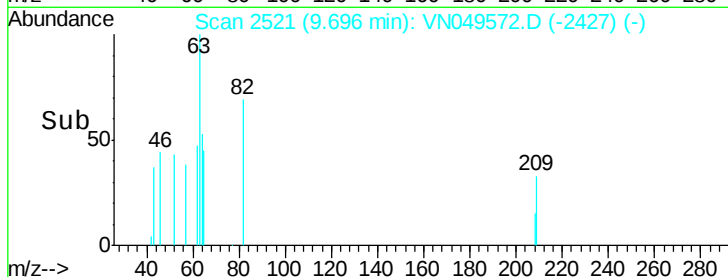
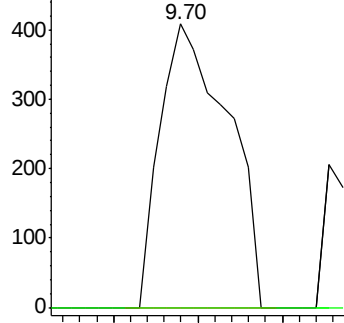
63 100

106 0.0 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): VN0



#59

2-Hexanone

Concen: 0.86 ug/l

RT: 10.75 min Scan# 2849

Delta R.T. -0.00 min

Lab File: VN049572.D

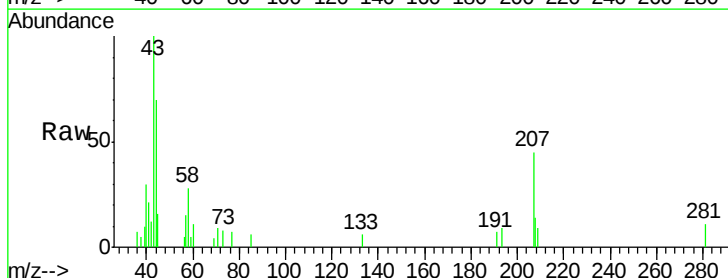
Acq: 27 Jun 2018 15:14

Tgt Ion: 43 Resp: 6425

Ion Ratio Lower Upper

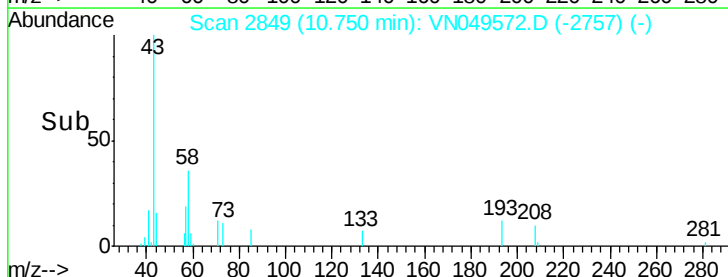
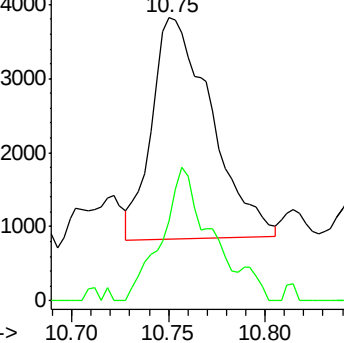
43 100

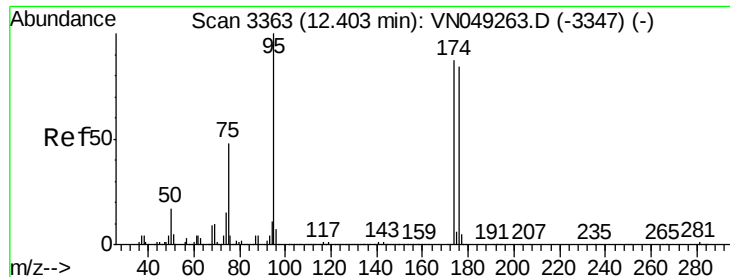
58 46.8 25.2 75.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

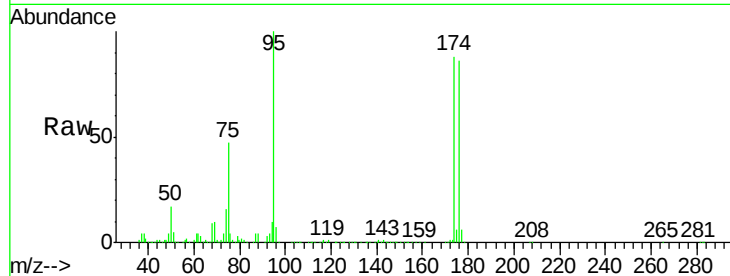




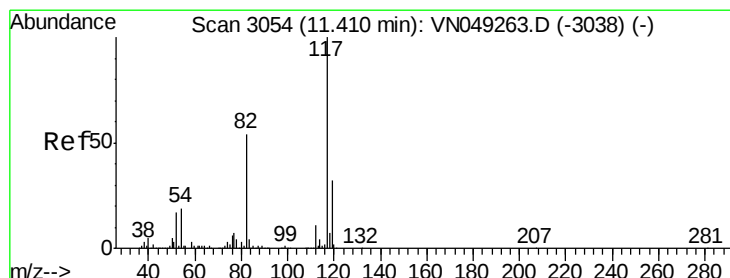
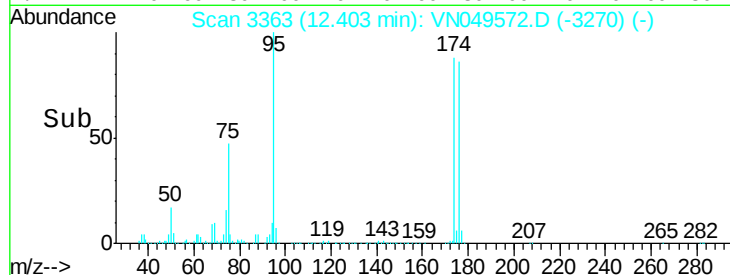
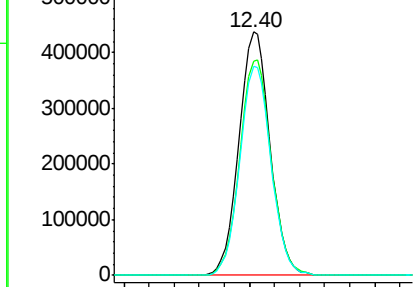
#62
4-Bromofluorobenzene
Concen: 39.53 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049572.D
Acq: 27 Jun 2018 15:14

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 95 Resp: 751322
Ion Ratio Lower Upper
95 100
174 89.6 0.0 165.6
176 86.4 0.0 157.4

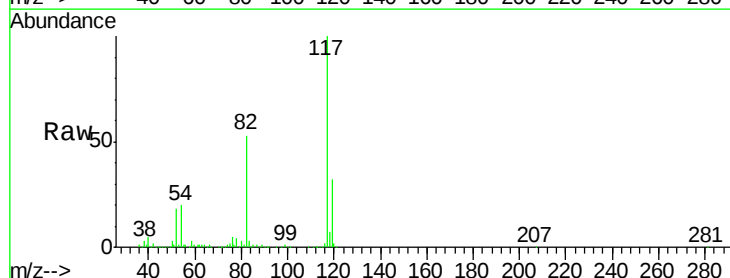


Abundance Ion 94.90 (94.60 to 95.60): VN049572.D (-3270) (-)
Ion 173.80 (173.50 to 174.50): VN049572.D (-3270) (-)
Ion 175.80 (175.50 to 176.50): VN049572.D (-3270) (-)

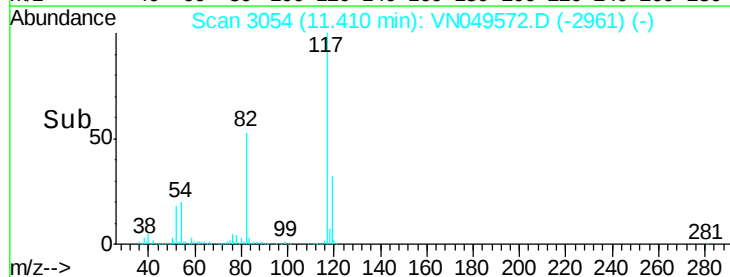
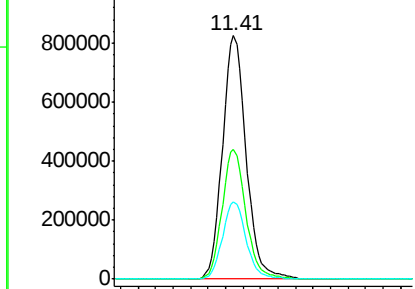


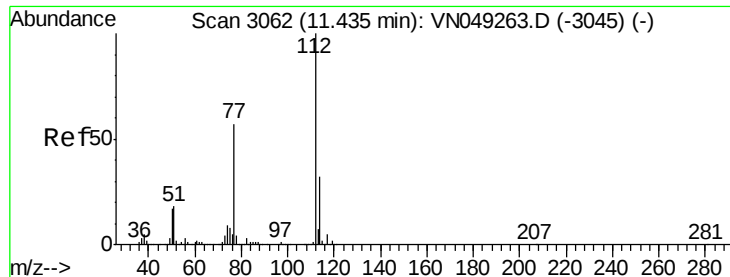
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049572.D
Acq: 27 Jun 2018 15:14

Tgt Ion: 117 Resp: 1552800
Ion Ratio Lower Upper
117 100
82 53.5 45.9 68.9
119 31.7 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN049572.D (-2961) (-)
Ion 82.00 (81.70 to 82.70): VN049572.D (-2961) (-)
Ion 118.90 (118.60 to 119.60): VN049572.D (-2961) (-)





#65

Chlorobenzene

Concen: 0.58 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049572.D

Acq: 27 Jun 2018 15:14

Instrument :

MSVOA_N

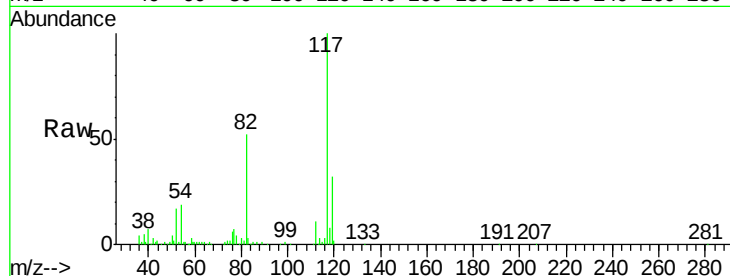
ClientSampled :

Tot Ion:112 Resp: 23091

Ion Ratio Lower Upper

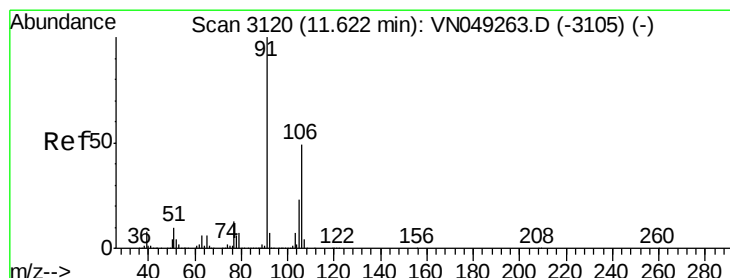
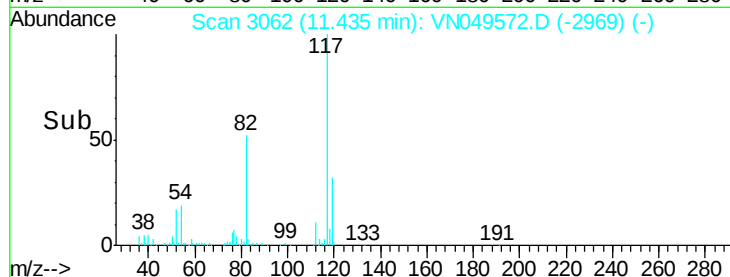
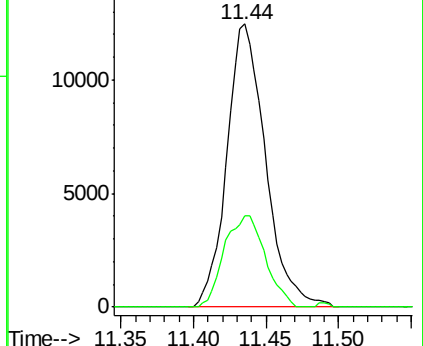
112 100

114 32.4 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#68

m/p-Xylenes

Concen: 0.24 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049572.D

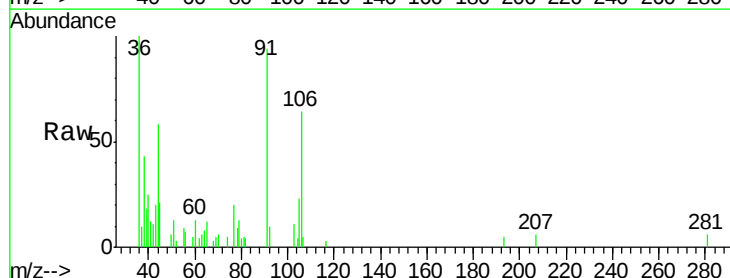
Acq: 27 Jun 2018 15:14

Tgt Ion:106 Resp: 6022

Ion Ratio Lower Upper

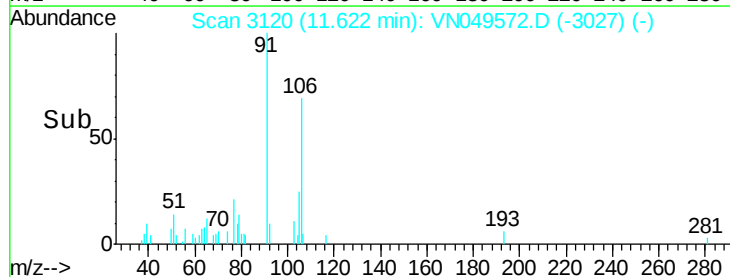
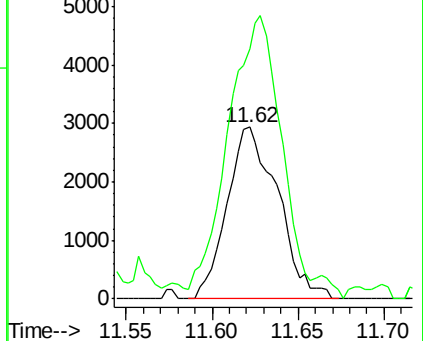
106 100

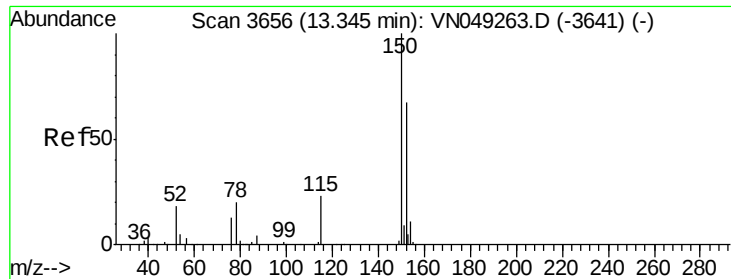
91 161.8 167.3 250.9#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049572.D

Acq: 27 Jun 2018 15:14

Instrument :

MSVOA_N

ClientSampleId :

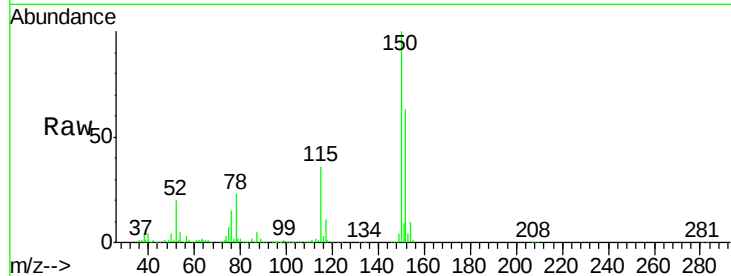
Tot Ion:152 Resp: 614595

Ion Ratio Lower Upper

152 100

115 57.3 28.7 86.1

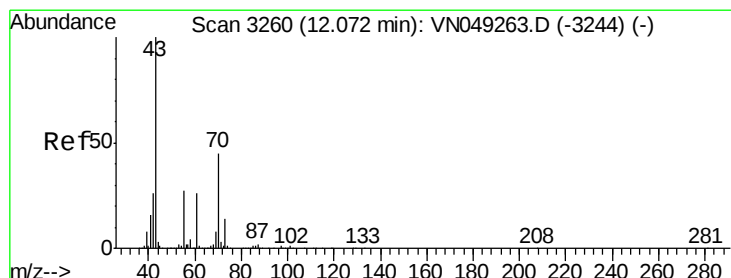
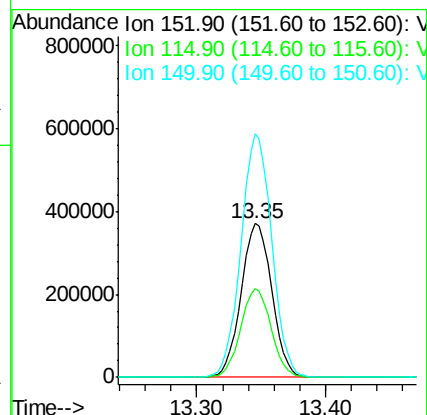
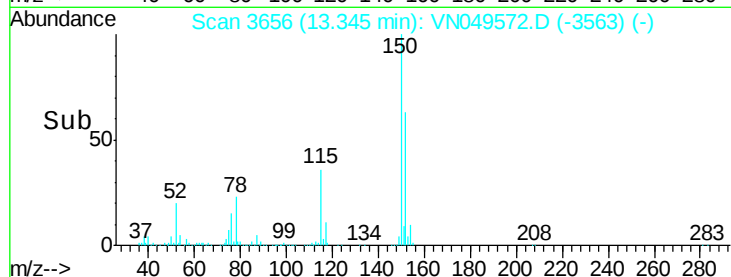
150 158.4 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.30 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. -0.03 min

Lab File: VN049572.D

Acq: 27 Jun 2018 15:14

Tgt Ion: 43 Resp: 3906

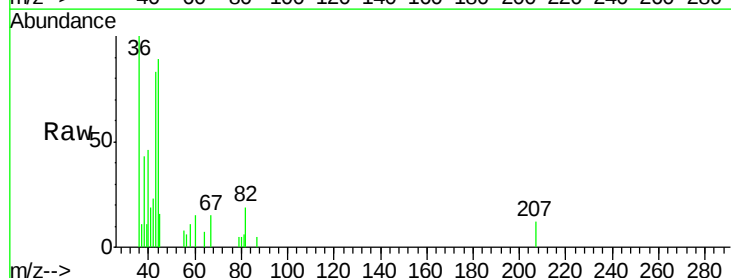
Ion Ratio Lower Upper

43 100

70 0.0 30.3 45.5#

55 6.7 19.4 29.2#

61 0.0 17.8 26.6#

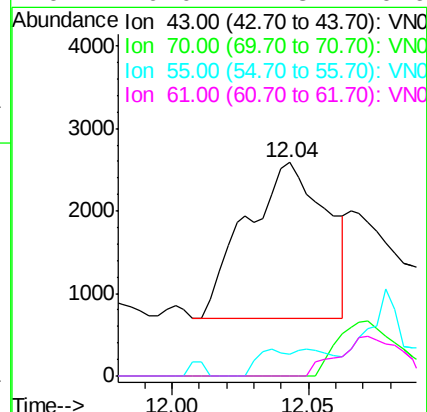
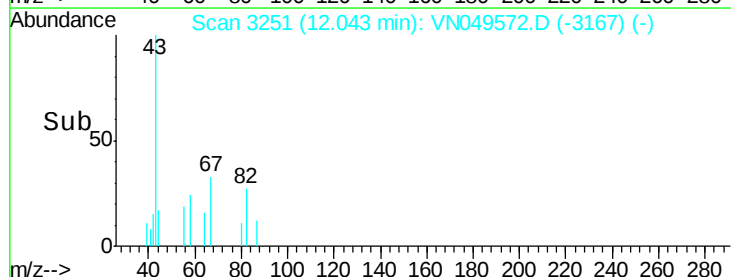


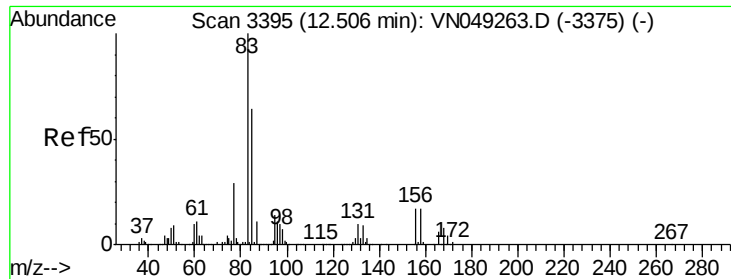
Abundance Ion 43.00 (42.70 to 43.70): V

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: Below Cal

RT: 12.50 min Scan# 3392

Delta R.T. -0.01 min

Lab File: VN049572.D

Acq: 27 Jun 2018 15:14

Instrument :

MSVOA_N

ClientSampled :

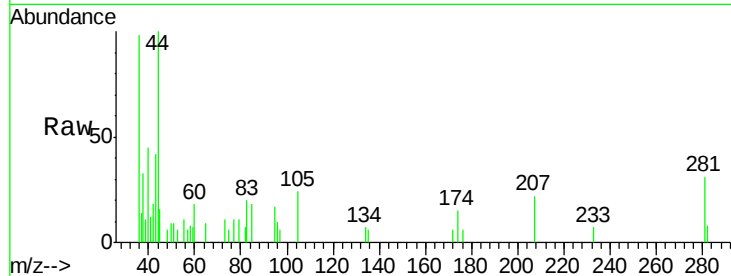
Tot Ion: 83 Resp: 463

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

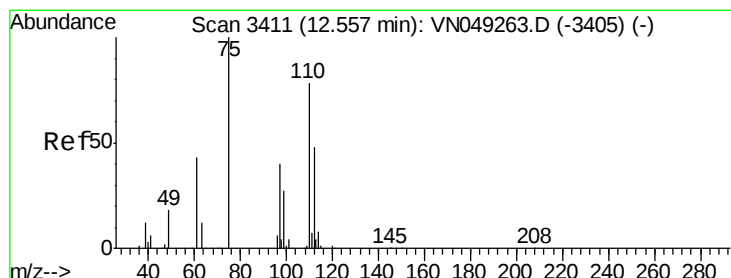
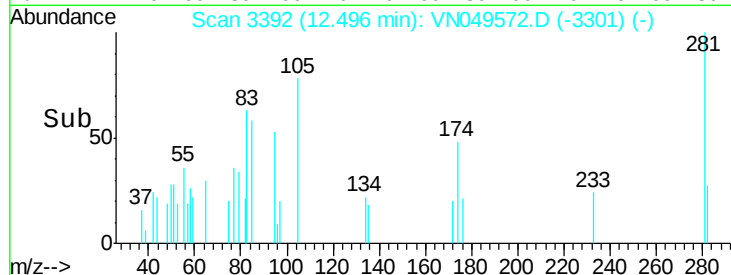
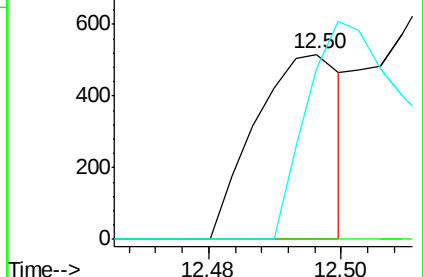
85 165.9 32.0 96.0#



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 34.06 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049572.D

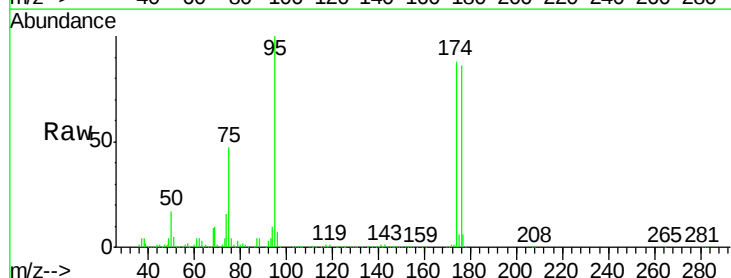
Acq: 27 Jun 2018 15:14

Tgt Ion: 75 Resp: 357167

Ion Ratio Lower Upper

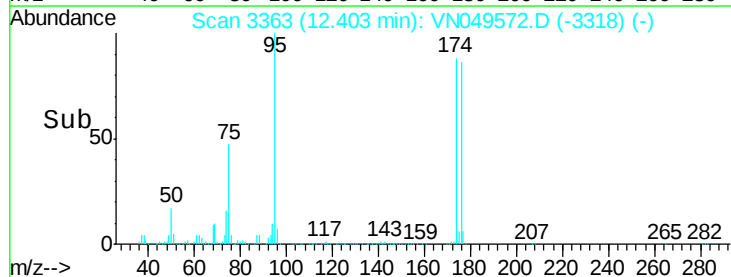
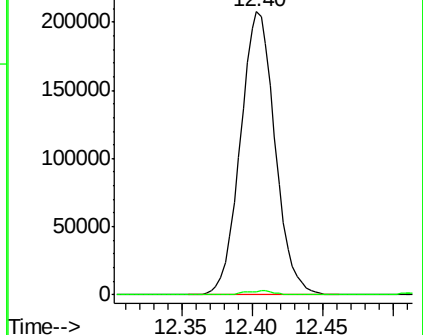
75 100

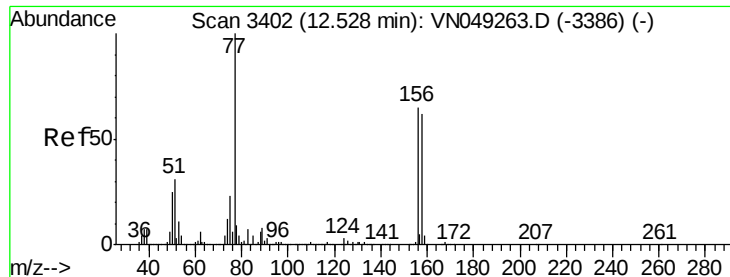
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 0.21 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049572.D

Acq: 27 Jun 2018 15:14

Instrument :

MSVOA_N

ClientSampled :

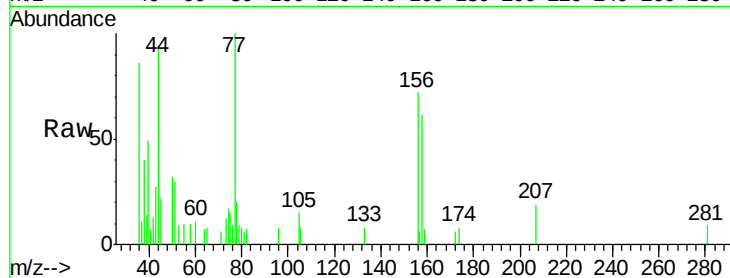
Tot Ion:156 Resp: 3007

Ion Ratio Lower Upper

156 100

77 169.8 100.8 302.4

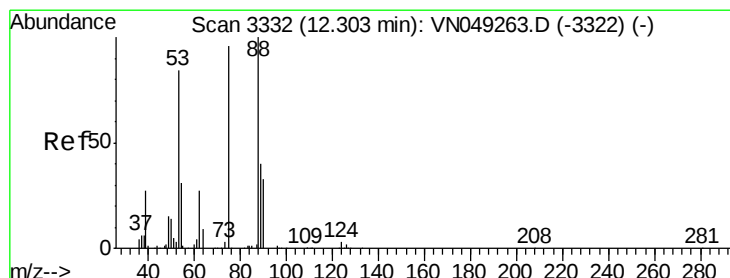
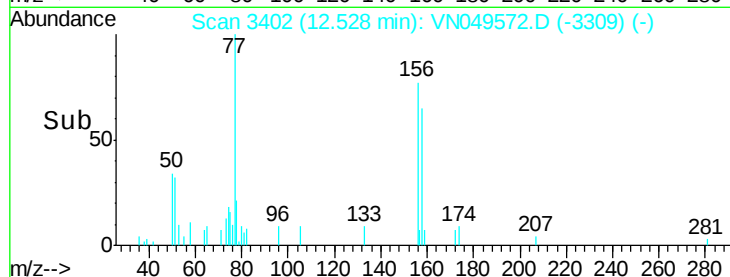
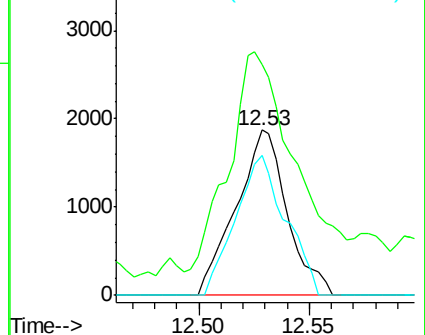
158 82.7 49.3 147.9



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



#81

trans-1,4-Dichloro-2-butene

Concen: 107.65 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049572.D

Acq: 27 Jun 2018 15:14

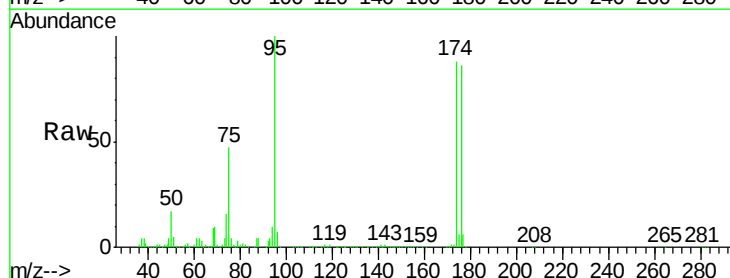
Tgt Ion: 75 Resp: 357167

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

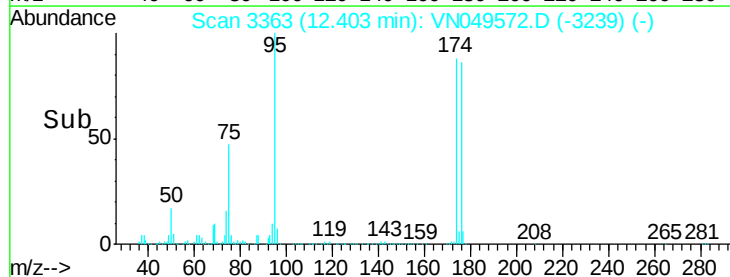
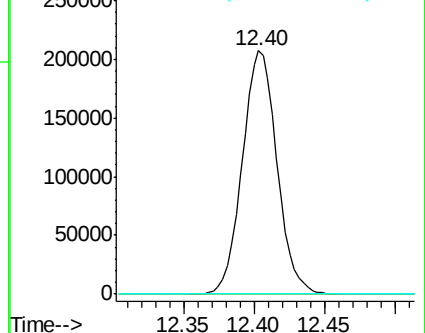
89 0.0 36.5 54.7#

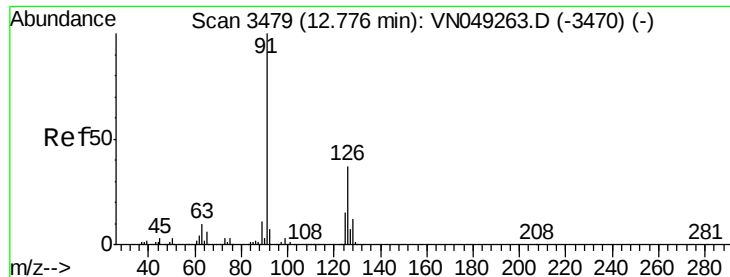


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

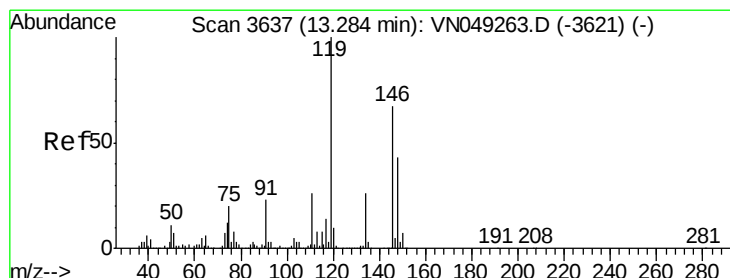
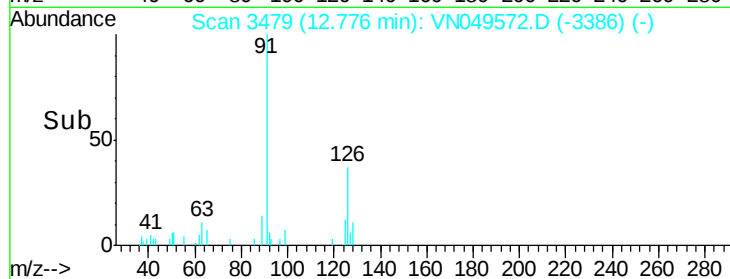
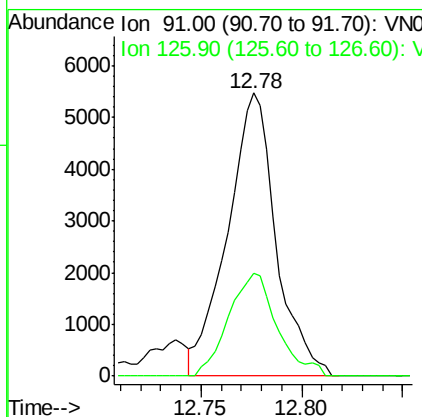
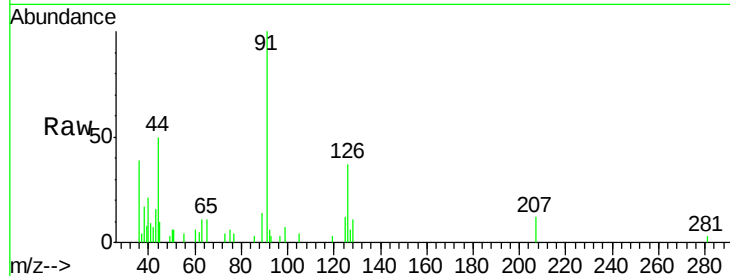




#82
4-Chlorotoluene
Concen: 0.25 ug/l
RT: 12.78 min Scan# 3479
Delta R.T. 0.00 min
Lab File: VN049572.D
Acq: 27 Jun 2018 15:14

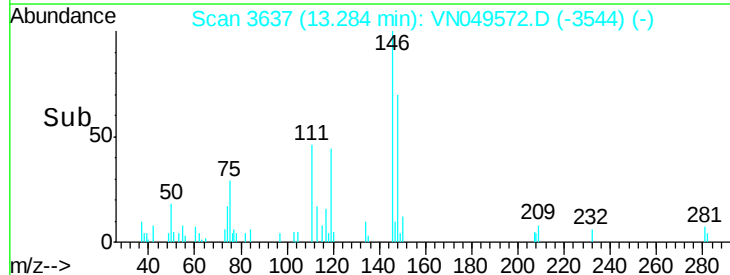
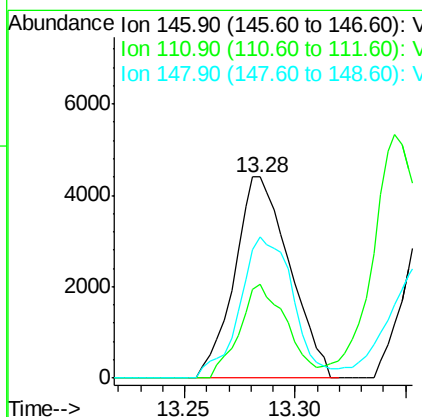
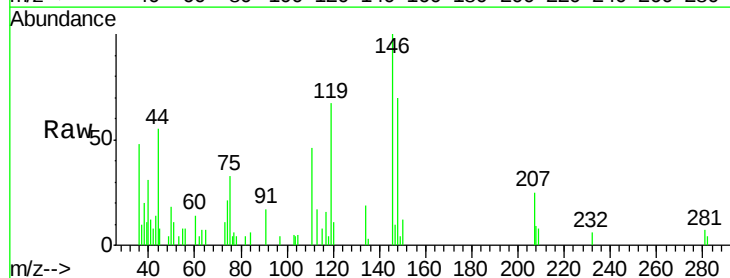
Instrument :
MSVOA_N
ClientSampleId :

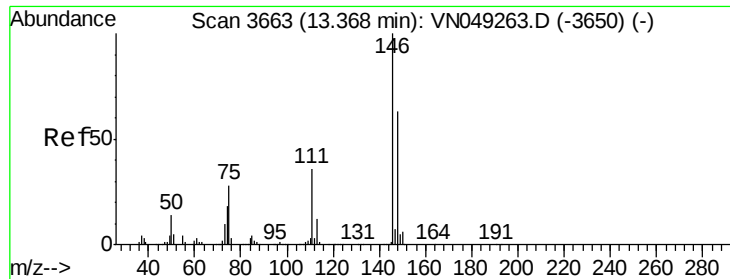
Tot Ion: 91 Resp: 9173
Ion Ratio Lower Upper
91 100
126 36.4 16.4 49.1



#87
1,3-Dichlorobenzene
Concen: 0.32 ug/l
RT: 13.28 min Scan# 3637
Delta R.T. 0.00 min
Lab File: VN049572.D
Acq: 27 Jun 2018 15:14

Tgt Ion: 146 Resp: 7618
Ion Ratio Lower Upper
146 100
111 40.0 19.9 59.6
148 68.4 32.1 96.5





#88

1,4-Dichlorobenzene

Concen: 0.33 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.08 min

Lab File: VN049572.D

Acq: 27 Jun 2018 15:14

Instrument :

MSVOA_N

ClientSampleId :

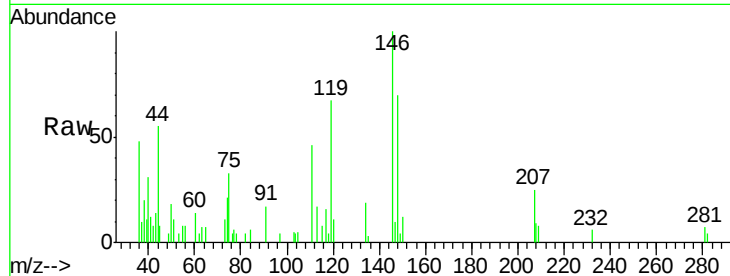
Tot Ion:146 Resp: 7618

Ion Ratio Lower Upper

146 100

111 40.0 19.1 57.1

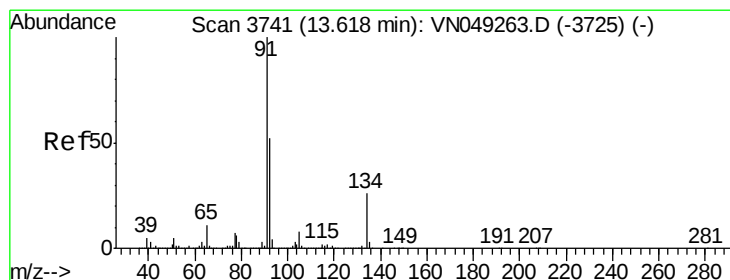
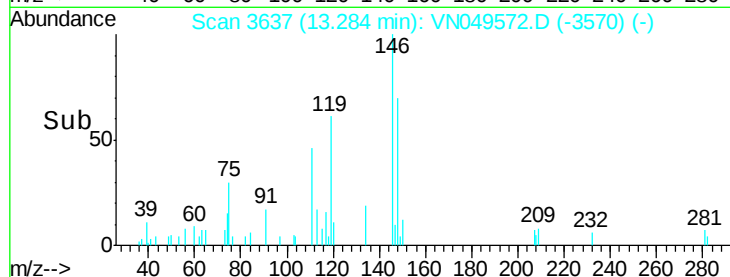
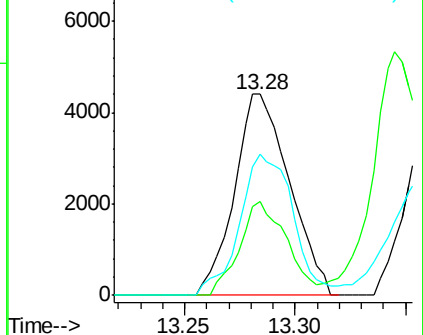
148 68.4 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.27 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. -0.00 min

Lab File: VN049572.D

Acq: 27 Jun 2018 15:14

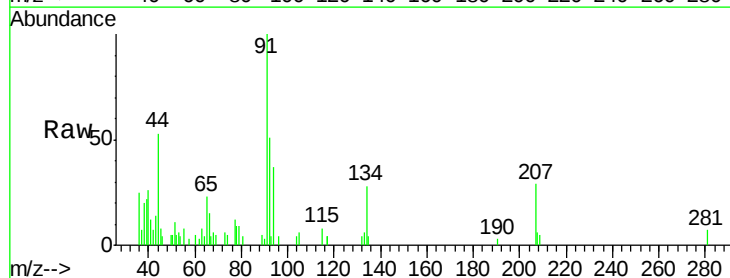
Tgt Ion: 91 Resp: 8773

Ion Ratio Lower Upper

91 100

92 48.6 25.1 75.4

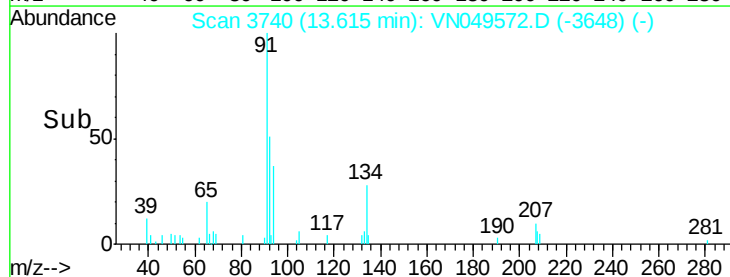
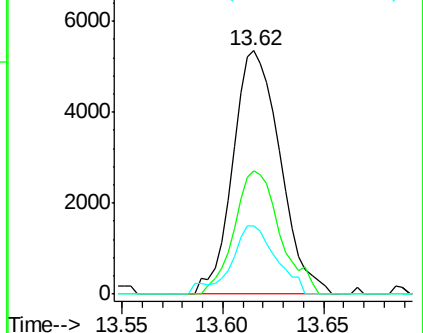
134 26.8 12.0 36.0

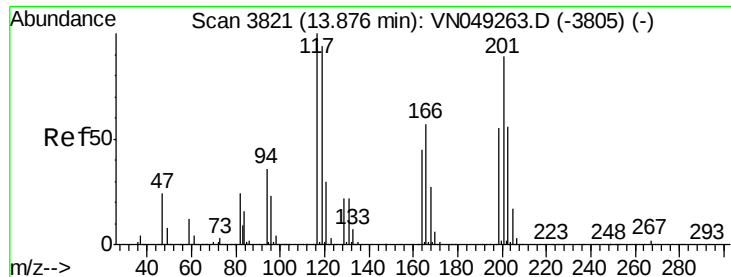


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: Below Cal

RT: 13.88 min Scan# 3823

Delta R.T. 0.01 min

Lab File: VN049572.D

Acq: 27 Jun 2018 15:14

Instrument :

MSVOA_N

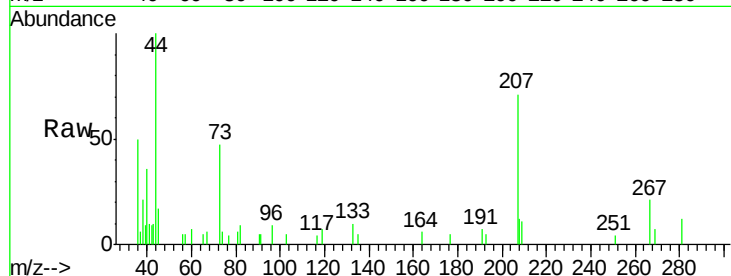
ClientSampled :

Tot Ion:117 Resp: 62

Ion Ratio Lower Upper

117 100

201 0.0 40.1 120.2#

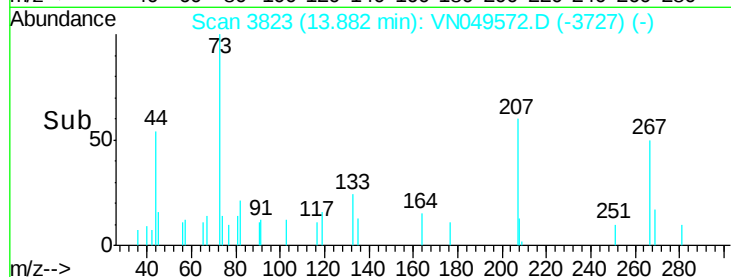


Abundance Ion 116.80 (116.50 to 117.50): V

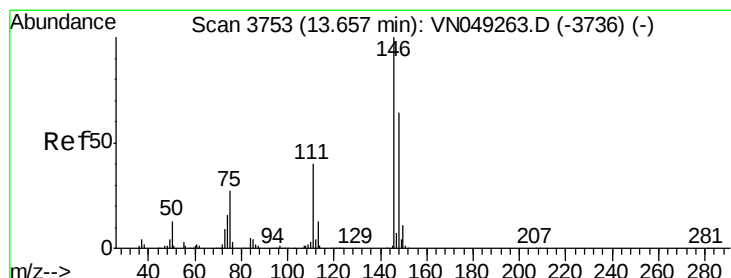
Ion 200.70 (200.40 to 201.40): V

13.88

13.87 13.88 13.89



Time-->



#91

1,2-Dichlorobenzene

Concen: 0.29 ug/l

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN049572.D

Acq: 27 Jun 2018 15:14

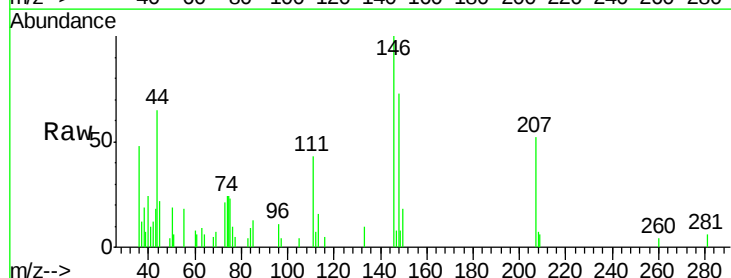
Tgt Ion:146 Resp: 6735

Ion Ratio Lower Upper

146 100

111 41.3 20.8 62.2

148 65.7 32.0 96.2



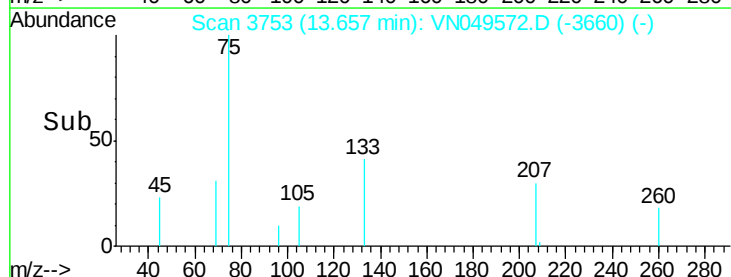
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

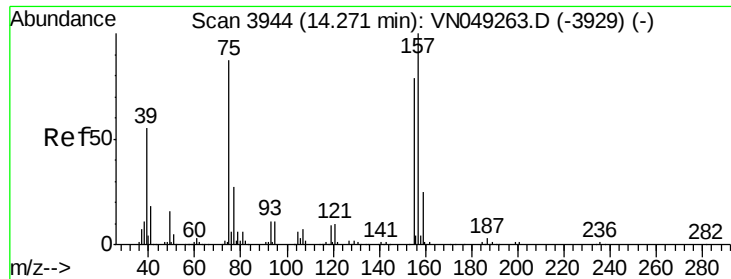
Ion 147.90 (147.60 to 148.60): V

13.66

13.60 13.65 13.70



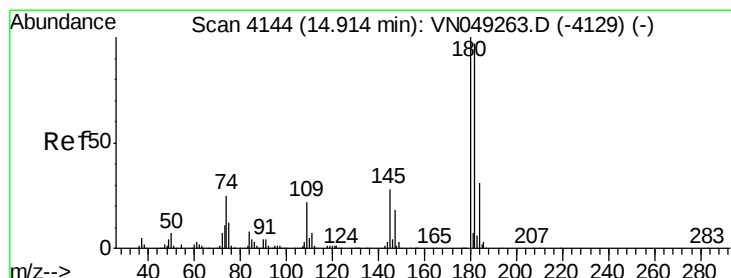
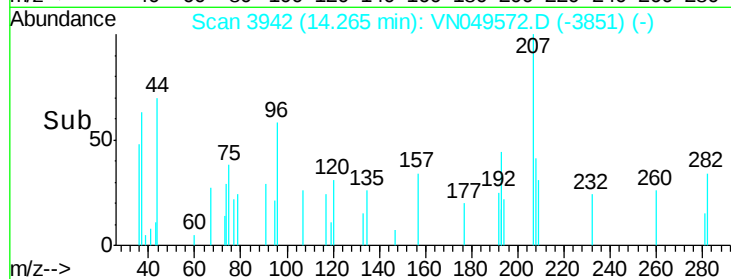
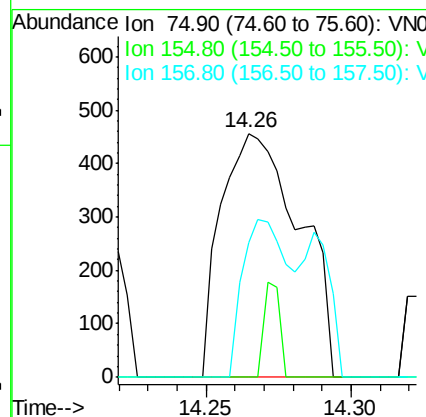
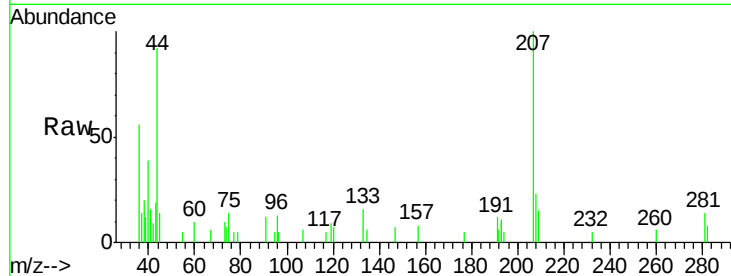
Time-->



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.46 ug/l
 RT: 14.26 min Scan# 3942
 Delta R.T. -0.01 min
 Lab File: VN049572.D
 Acq: 27 Jun 2018 15:14

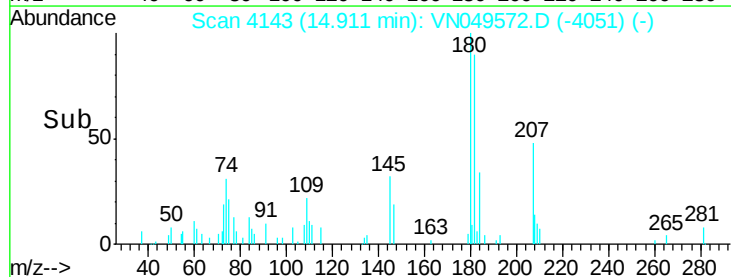
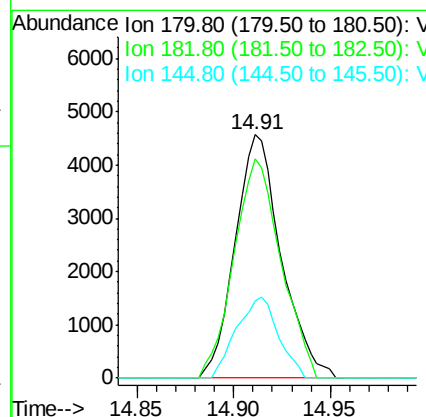
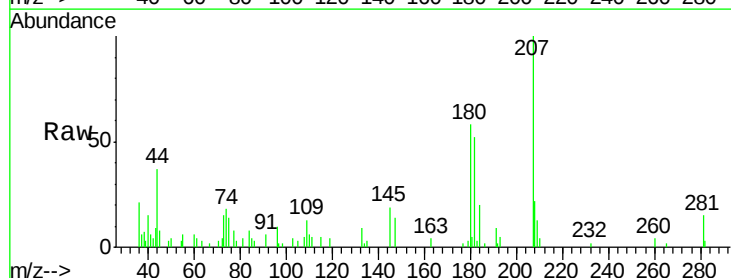
Instrument :
 MSVOA_N
 ClientSampled :

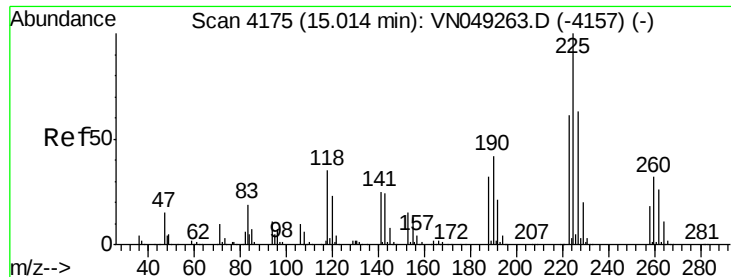
Tot Ion: 75 Resp: 859
 Ion Ratio Lower Upper
 75 100
 155 7.8 38.8 116.3#
 157 37.7 51.0 153.1#



#93
 1,2,4-Trichlorobenzene
 Concen: 5.39 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049572.D
 Acq: 27 Jun 2018 15:14

Tgt Ion: 180 Resp: 7554
 Ion Ratio Lower Upper
 180 100
 182 91.8 46.9 140.8
 145 30.3 14.7 44.1





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4174

Delta R.T. -0.00 min

Lab File: VN049572.D

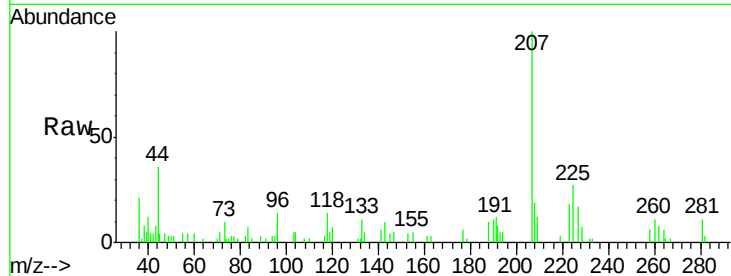
Acq: 27 Jun 2018 15:14

Instrument :

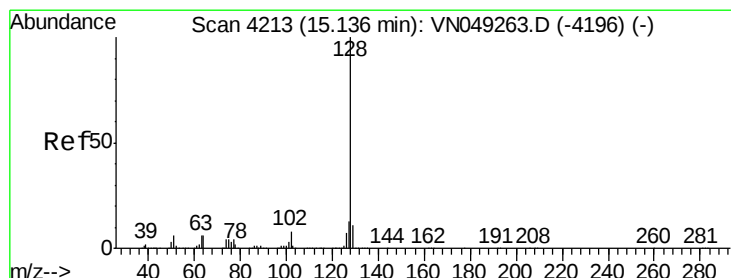
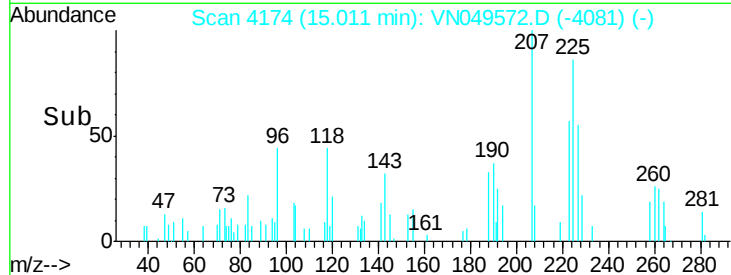
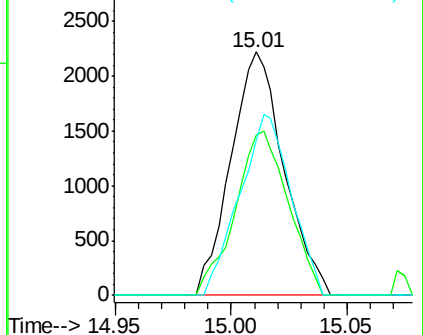
MSVOA_N

ClientSampleId :

Tot Ion:	225	Resp:	3534
Ion	Ratio	Lower	Upper
225	100		
223	67.1	32.1	96.3
227	72.1	31.8	95.3



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 3.27 ug/l

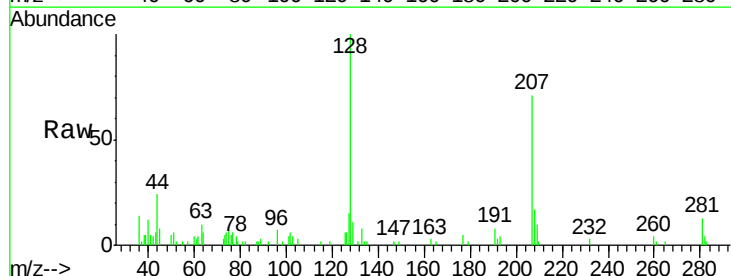
RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

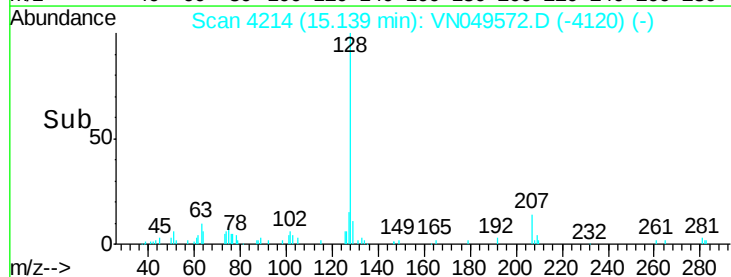
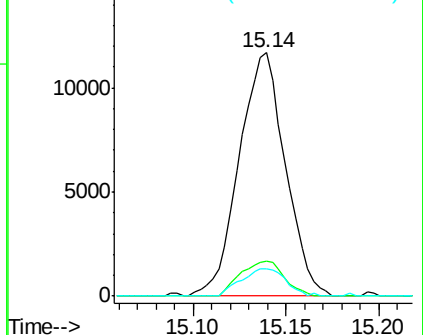
Lab File: VN049572.D

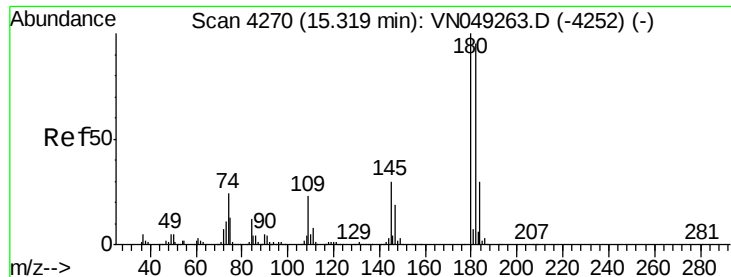
Acq: 27 Jun 2018 15:14

Tgt Ion:	128	Resp:	20277
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	16.0
129	10.8	8.5	12.7



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 4.30 ug/l
 RT: 15.32 min Scan# 4270
 Delta R.T. 0.00 min
 Lab File: VN049572.D
 Acq: 27 Jun 2018 15:14

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 9349
 Ion Ratio Lower Upper
 180 100
 182 83.6 47.3 141.8
 145 11.1 15.6 46.7#

