

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062618\
 Data File : VN049565.D
 Acq On : 26 Jun 2018 20:40
 Operator : MD\SY
 Sample : J3251-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 27 02:06:38 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	1306318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2073873	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1746270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	778835	50.00	ug/l	0.00

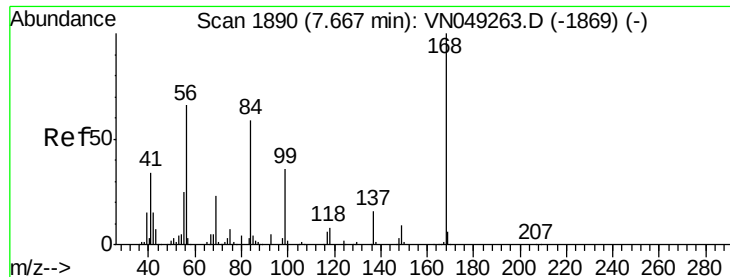
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	842555	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	7.59	113	743316	44.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.60%	
50) Toluene-d8	10.09	98	2819790	44.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.28%	
62) 4-Bromofluorobenzene	12.40	95	859384	40.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.36%	

Target Compounds

						Qvalue
13) Acrolein	3.61	56	3539	3.32	ug/l #	42
14) Allyl chloride	4.55	41	88774	3.75	ug/l #	20
16) Acetone	3.82	43	140158	33.32	ug/l #	89
17) Carbon Disulfide	4.05	76	12382	0.26	ug/l	97
18) Methyl Acetate	4.33	43	222817	17.37	ug/l	95
20) Methylene Chloride	4.55	84	2615411	148.86	ug/l	91
25) 2-Butanone	6.85	43	10874	1.93	ug/l #	89
29) Tetrahydrofuran	7.22	42	1432	0.39	ug/l #	87
31) Cyclohexane	7.67	56	22878	0.72	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	90028	3.79	ug/l #	50
38) Carbon Tetrachloride	7.67	117	118334	4.81	ug/l #	17
43) Isopropyl Acetate	8.27	43	970097	39.29	ug/l #	64
49) 1,4-Dioxane	9.20	88	237	1.48	ug/l #	39
51) 4-Methyl-2-Pentanone	9.98	43	6774	0.52	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.69	63	30	14.33	ug/l #	51
64) Tetrachloroethene	10.63	164	4076	0.23	ug/l #	76
65) Chlorobenzene	11.44	112	10709	0.24	ug/l	92
67) Ethyl Benzene	11.51	91	20983	0.28	ug/l #	78
68) m/p-Xylenes	11.62	106	7730	0.28	ug/l	98
71) Bromoform	12.40	173	5679	0.52	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.50	83	180	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	421410	31.71	ug/l #	100
77) Bromobenzene	12.57	156	19268	1.07	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.40	75	421410	100.23	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	27545	0.52	ug/l	91
90) Hexachloroethane	13.89	117	3431	Below Cal	#	9
92) 1,2-Dibromo-3-Chloropropan	14.27	75	776	0.33	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	804	4.80	ug/l #	22
94) Hexachlorobutadiene	15.00	225	101	Below Cal	#	54
95) Naphthalene	15.14	128	315188	16.10	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	590	3.50	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049565.D

Acq: 26 Jun 2018 20:40

Instrument :

MSVOA_N

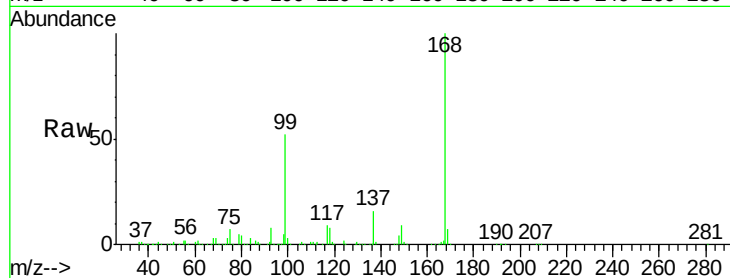
ClientSampleId :

Tot Ion:168 Resp: 1306318

Ion Ratio Lower Upper

168 100

99 52.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VN049565.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN049565.D (-1797) (-)

7.67

600000

500000

400000

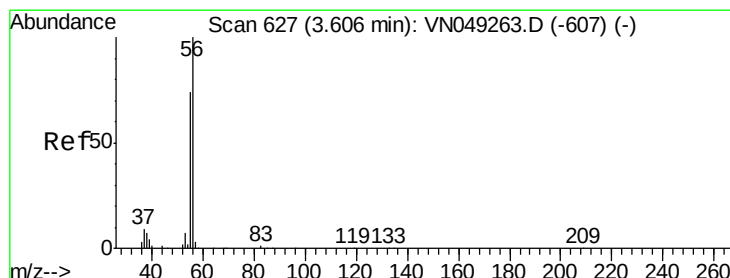
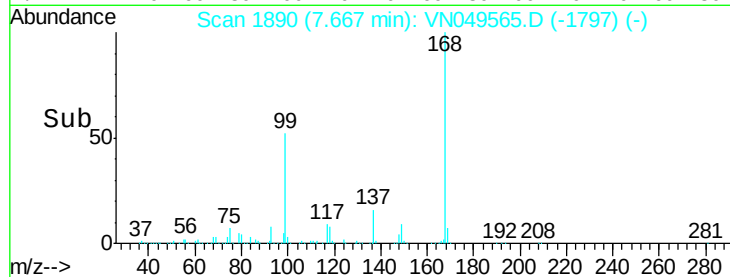
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 3.32 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049565.D

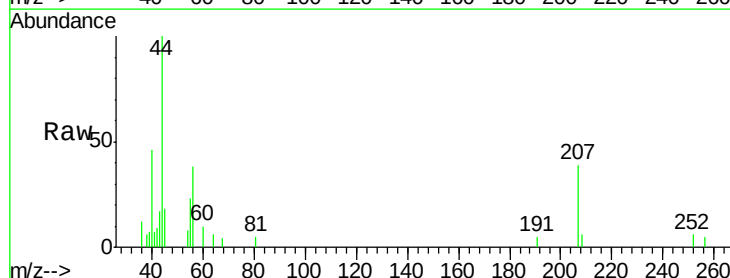
Acq: 26 Jun 2018 20:40

Tgt Ion: 56 Resp: 3539

Ion Ratio Lower Upper

56 100

55 23.5 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VN049565.D (-534) (-)

Ion 55.00 (54.70 to 55.70): VN049565.D (-534) (-)

3.61

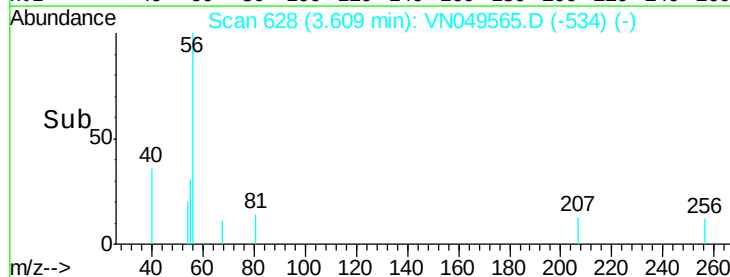
1500

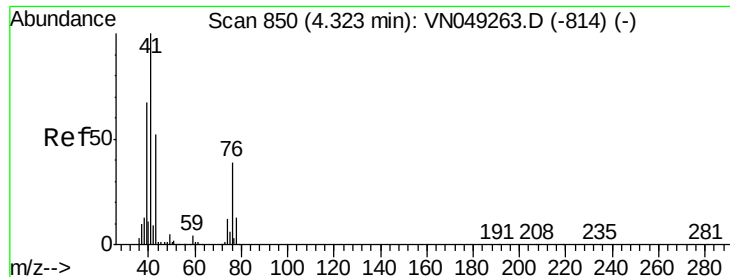
1000

500

0

Time-->

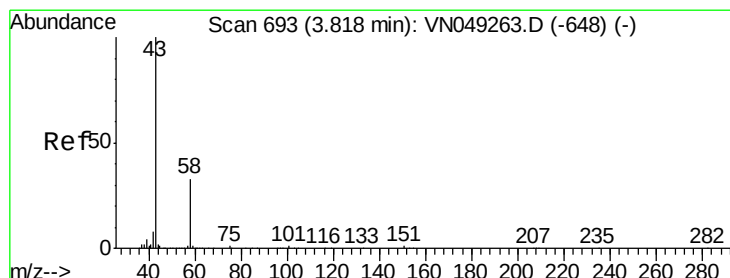
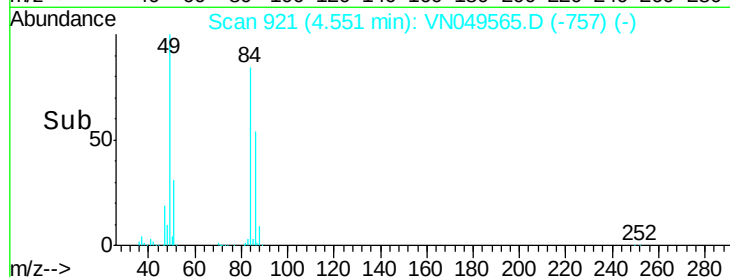
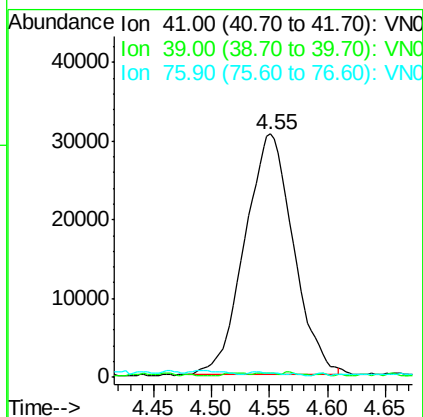
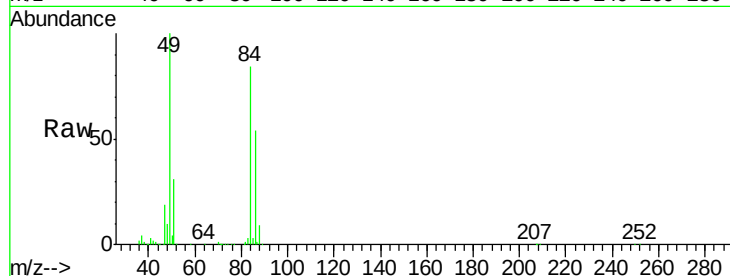




#14
Allvl chloride
Concen: 3.75 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.23 min
Lab File: VN049565.D
Acq: 26 Jun 2018 20:40

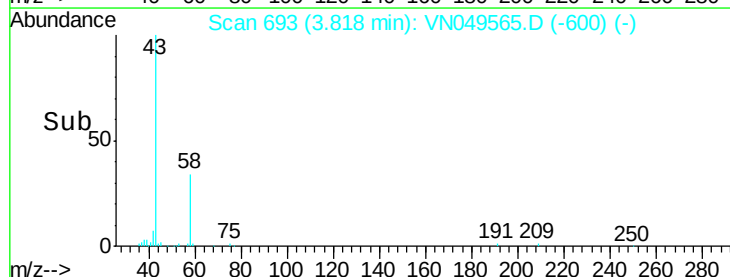
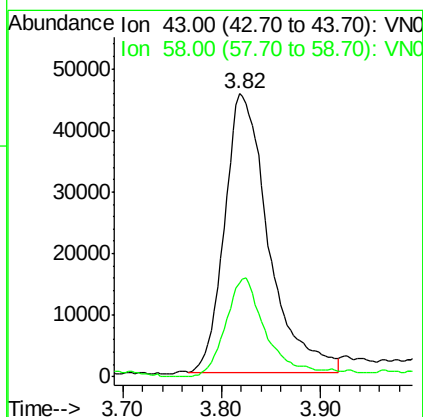
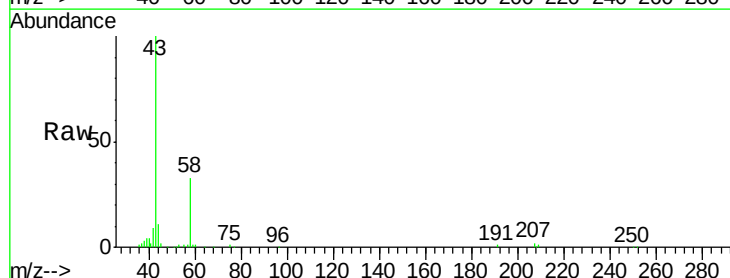
Instrument :
MSVOA_N
ClientSampleId :

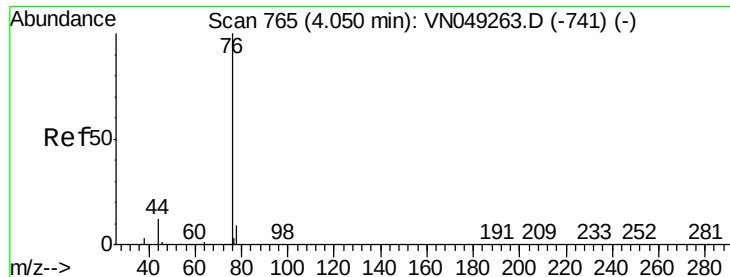
Tot Ion: 41 Resp: 88774
Ion Ratio Lower Upper
41 100
39 0.4 62.5 93.7#
76 0.3 27.1 40.7#



#16
Acetone
Concen: 33.32 ug/l
RT: 3.82 min Scan# 693
Delta R.T. -0.00 min
Lab File: VN049565.D
Acq: 26 Jun 2018 20:40

Tgt Ion: 43 Resp: 140158
Ion Ratio Lower Upper
43 100
58 33.8 22.4 33.6#

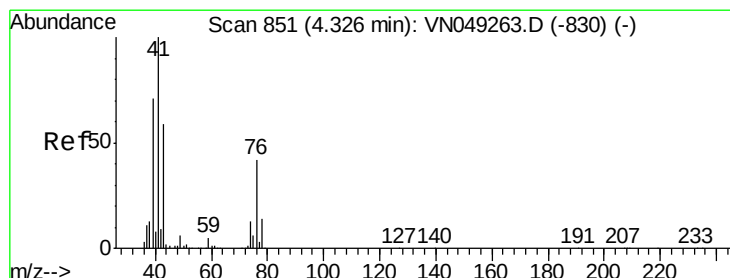
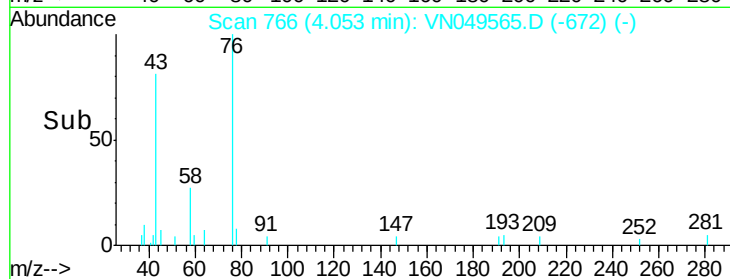
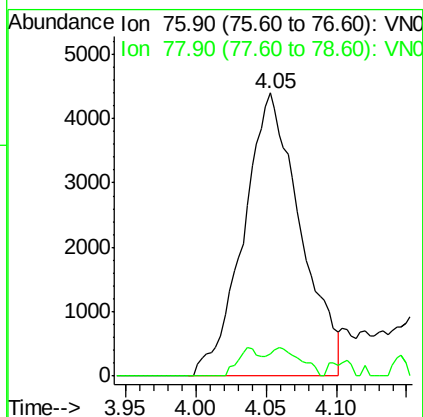
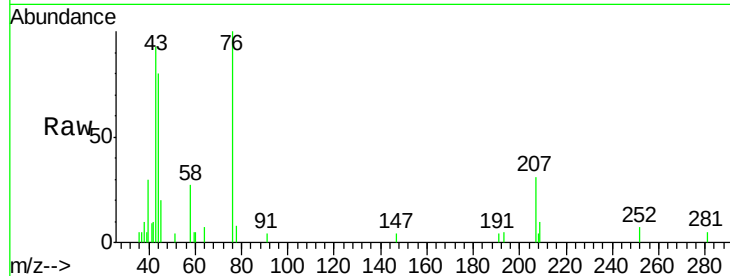




#17
Carbon Disulfide
Concen: 0.26 ug/l
RT: 4.05 min Scan# 766
Delta R.T. 0.00 min
Lab File: VN049565.D
Acq: 26 Jun 2018 20:40

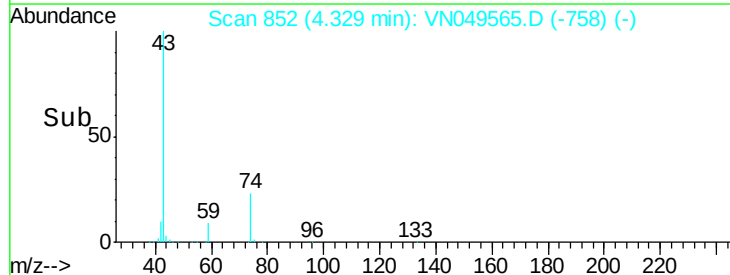
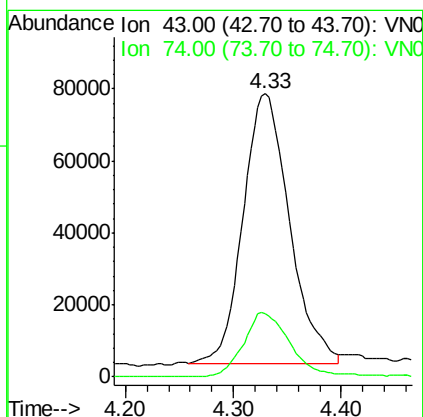
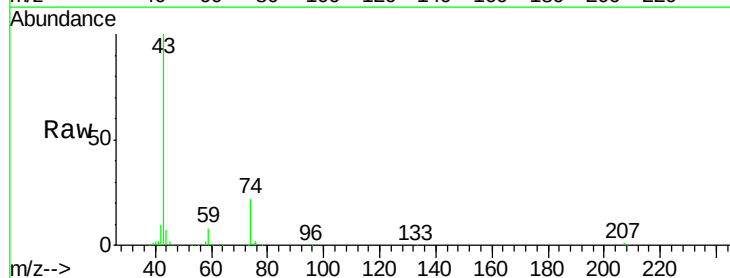
Instrument :
MSVOA_N
ClientSampled :

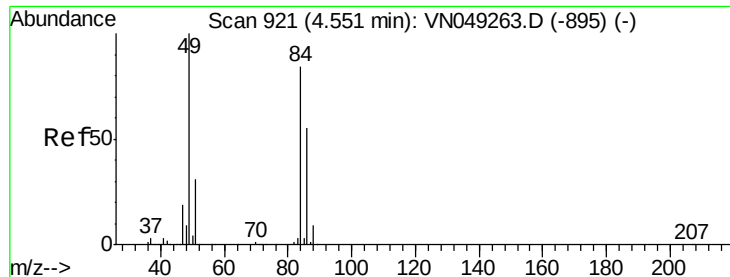
Tot Ion: 76 Resp: 12382
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0



#18
Methyl Acetate
Concen: 17.37 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049565.D
Acq: 26 Jun 2018 20:40

Tgt Ion: 43 Resp: 222817
Ion Ratio Lower Upper
43 100
74 23.9 17.4 26.0



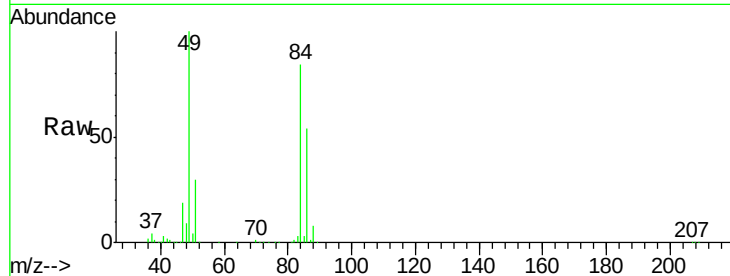


#20
Methvlene Chloride
Concen: 148.86 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049565.D
Acq: 26 Jun 2018 20:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 2615411

Ion	Ratio	Lower	Upper
84	100		
49	119.3	106.9	160.3
51	36.3	32.7	49.1
86	64.3	49.8	74.8

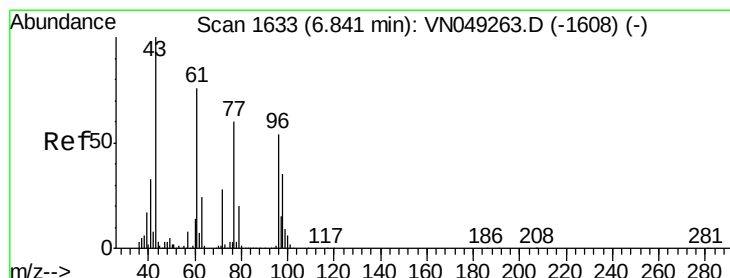
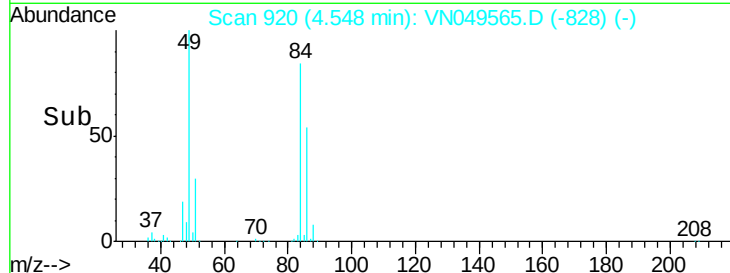
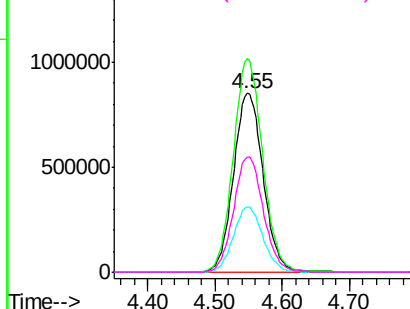


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

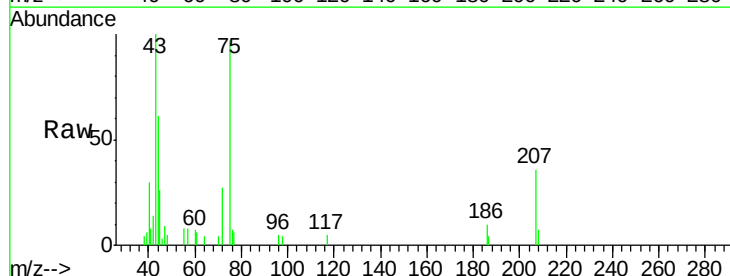
Ion 85.90 (85.60 to 86.60): VN0



#25
2-Butanone
Concen: 1.93 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN049565.D
Acq: 26 Jun 2018 20:40

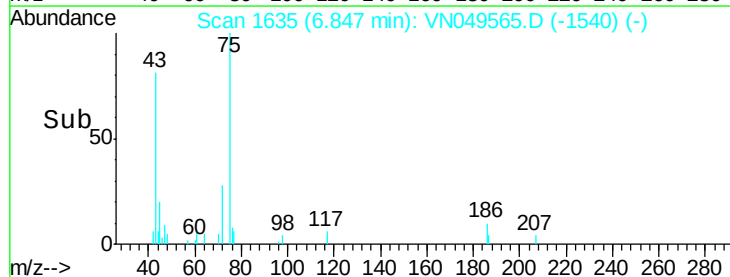
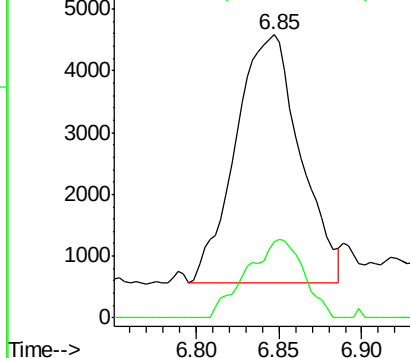
Tgt Ion: 43 Resp: 10874

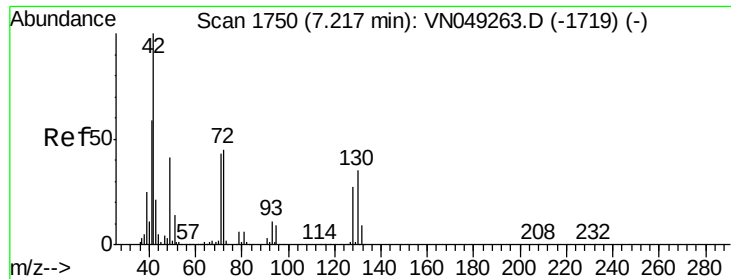
Ion	Ratio	Lower	Upper
43	100		
72	30.7	20.2	30.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

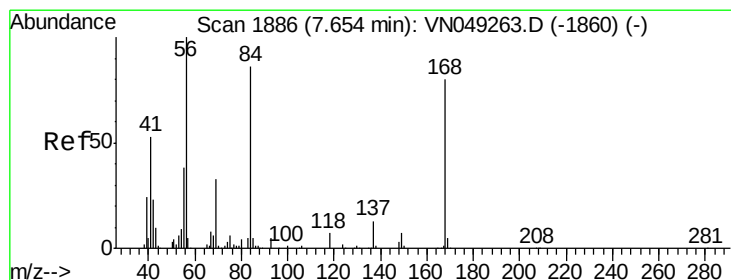
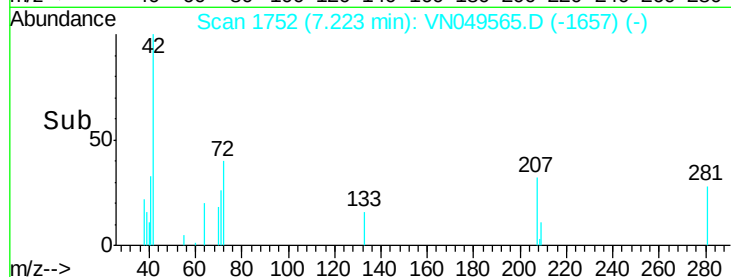
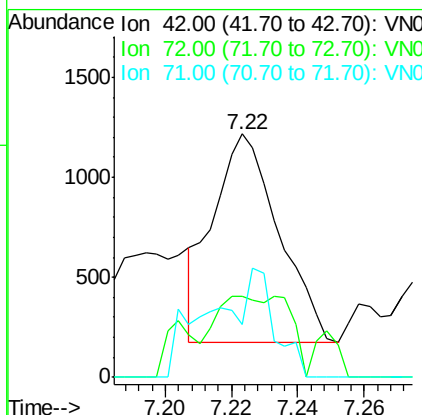
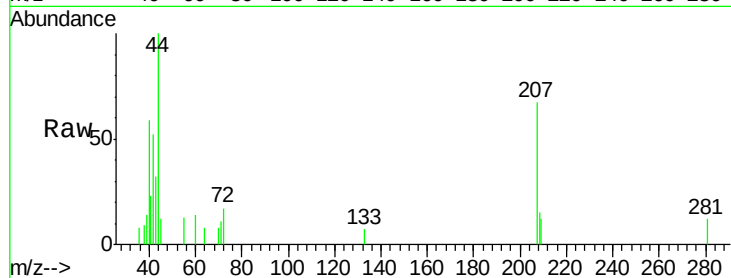




#29
Tetrahydrofuran
Concen: 0.39 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.01 min
Lab File: VN049565.D
Acq: 26 Jun 2018 20:40

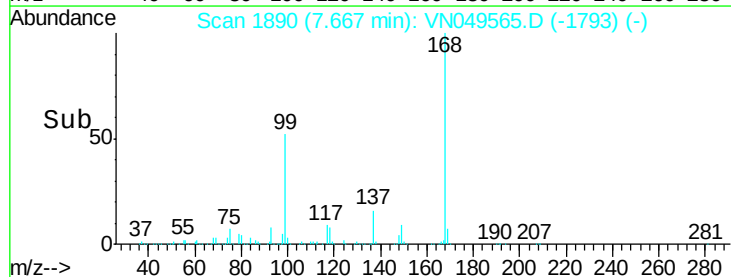
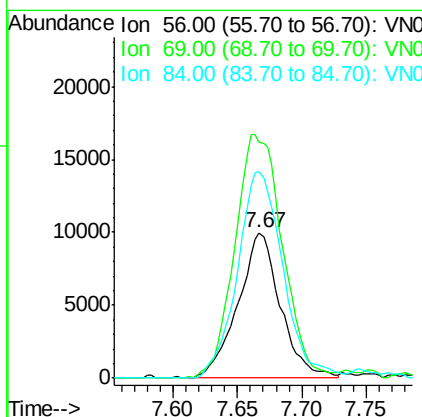
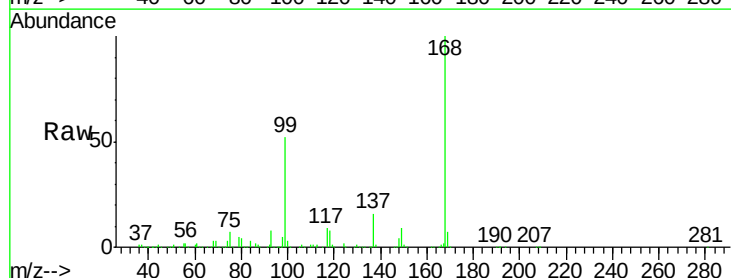
Instrument :
MSVOA_N
ClientSampleId :

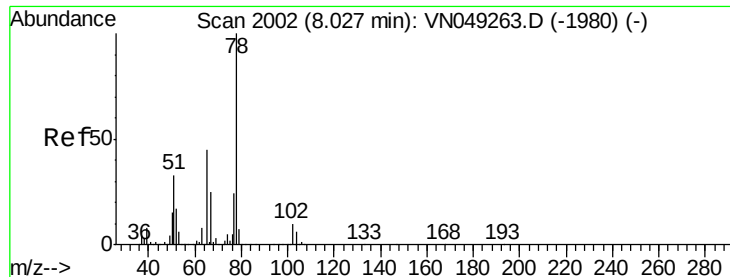
Tot Ion: 42 Resp: 1432
Ion Ratio Lower Upper
42 100
72 43.6 32.2 48.4
71 50.6 30.5 45.7#



#31
Cyclohexane
Concen: 0.72 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049565.D
Acq: 26 Jun 2018 20:40

Tgt Ion: 56 Resp: 22878
Ion Ratio Lower Upper
56 100
69 160.4 25.0 37.4#
84 142.2 64.6 96.8#

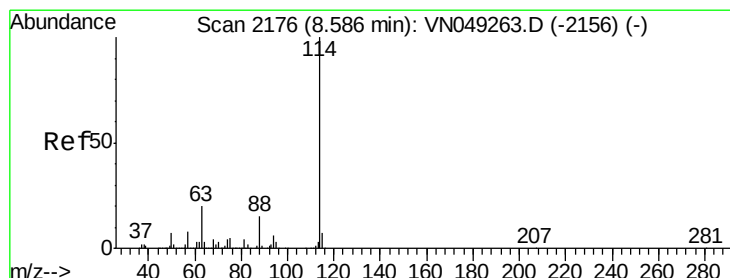
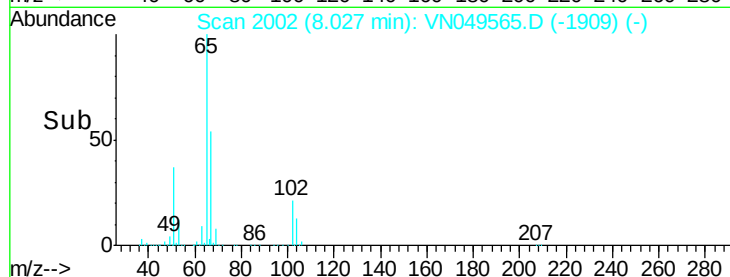
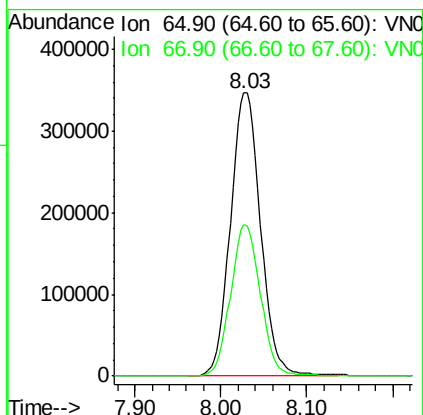
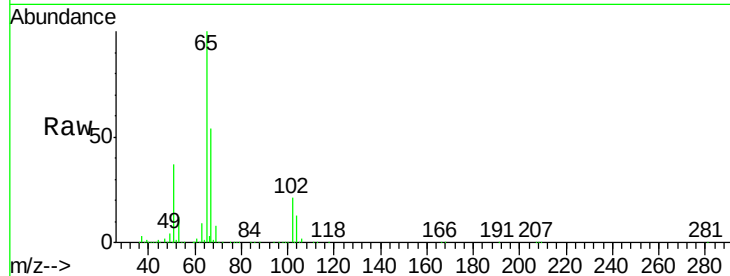




#33
 1,2-Dichloroethane-d4
 Concen: 48.63 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN049565.D
 Acq: 26 Jun 2018 20:40

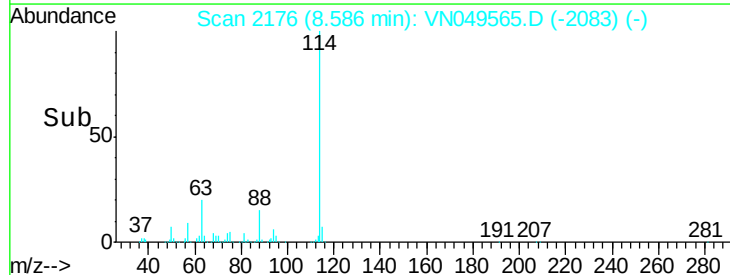
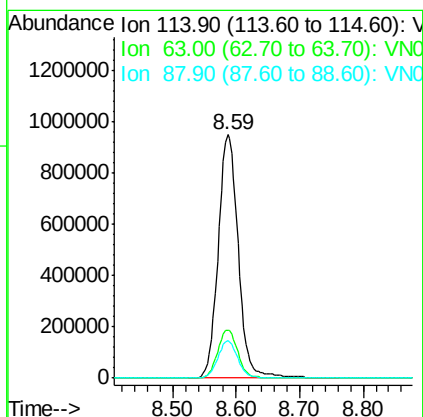
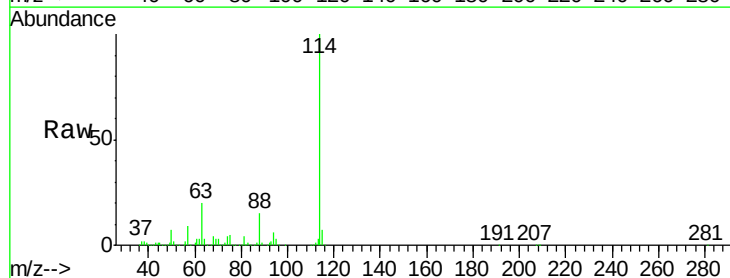
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 MSVOA_N
 ClientSampleId :

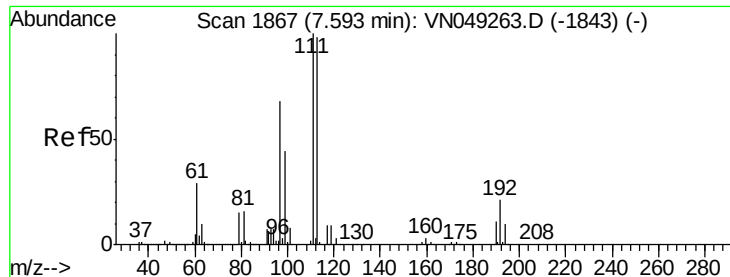
Tot Ion: 65 Resp: 842555
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049565.D
 Acq: 26 Jun 2018 20:40

Tgt Ion: 114 Resp: 2073873
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 44.4
 88 15.3 0.0 31.4

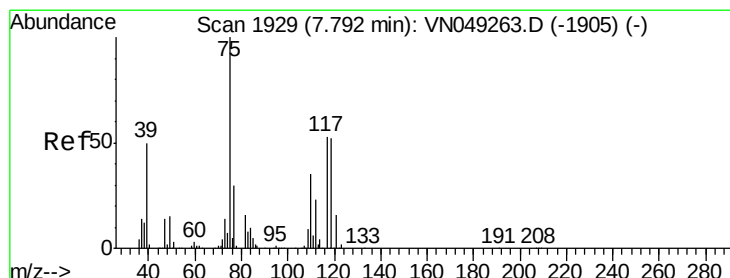
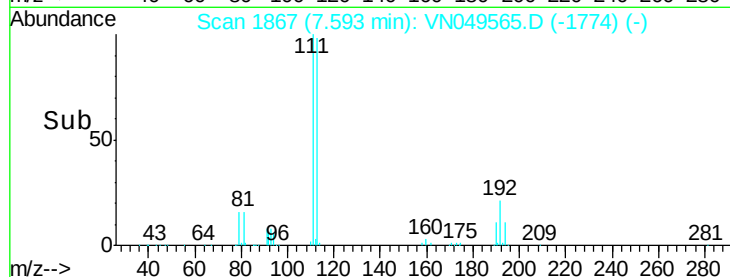
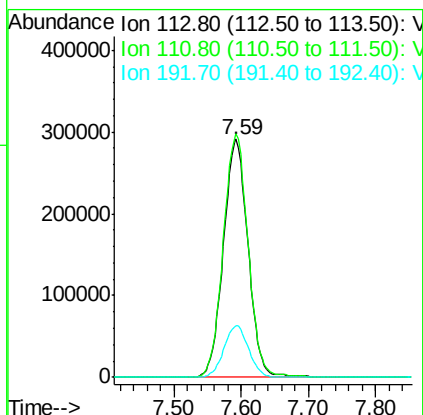
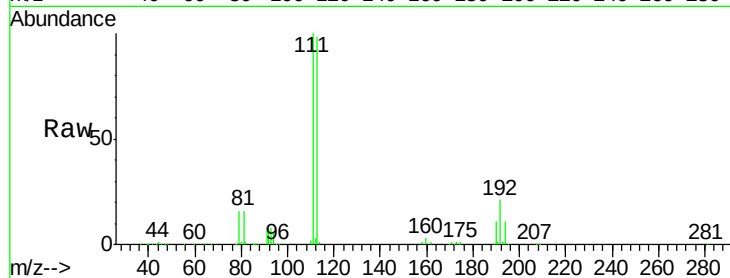




#35
 Dibromofluoromethane
 Concen: 44.30 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049565.D
 Acq: 26 Jun 2018 20:40

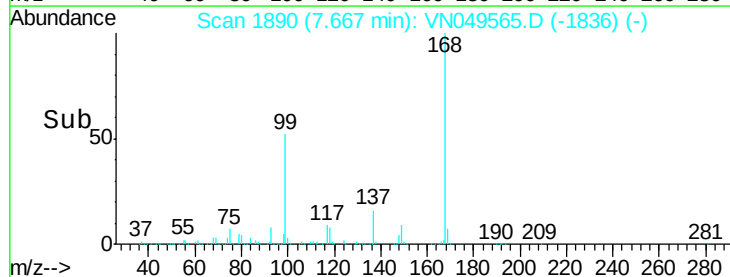
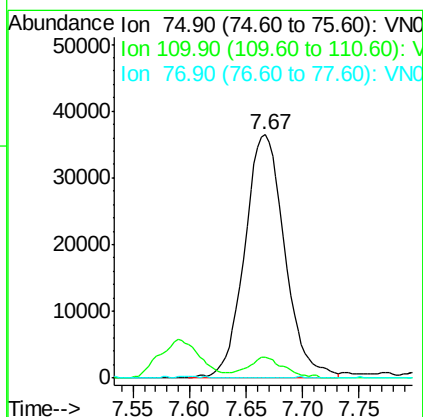
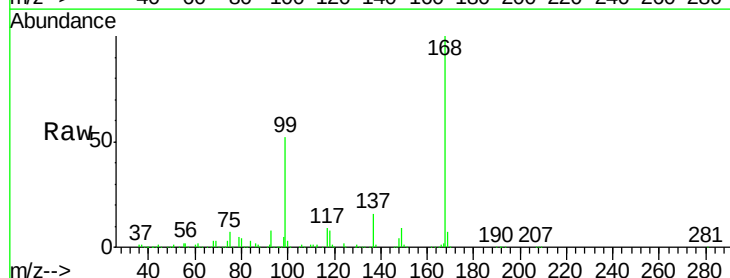
Instrument :
 MSVOA_N
 ClientSampleId :

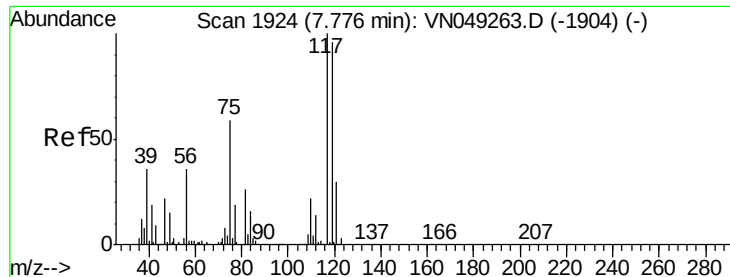
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.4	123.6
192	21.9	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 3.79 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049565.D
 Acq: 26 Jun 2018 20:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.9	17.0	50.9#
77	0.0	24.4	36.6#





#38

Carbon Tetrachloride

Concen: 4.81 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049565.D

Acq: 26 Jun 2018 20:40

Instrument :

MSVOA_N

ClientSampled :

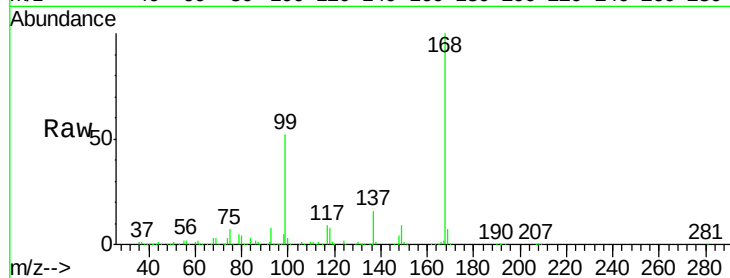
Tot Ion:117 Resp: 118334

Ion Ratio Lower Upper

117 100

119 6.1 75.6 113.4#

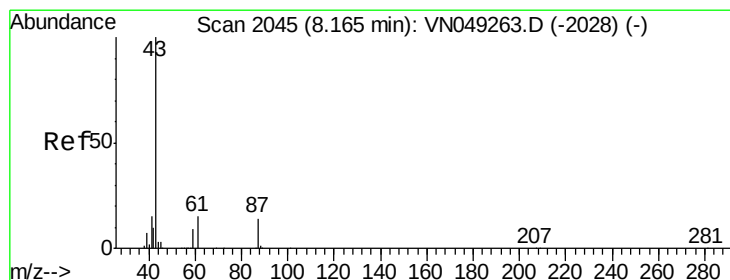
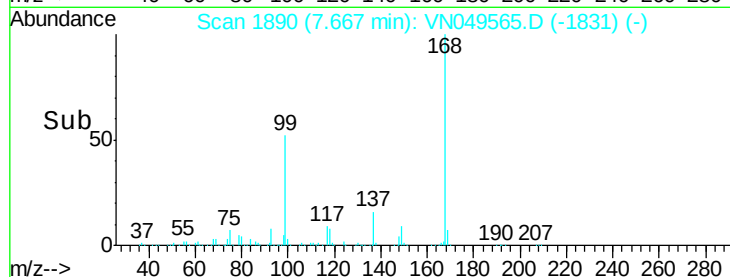
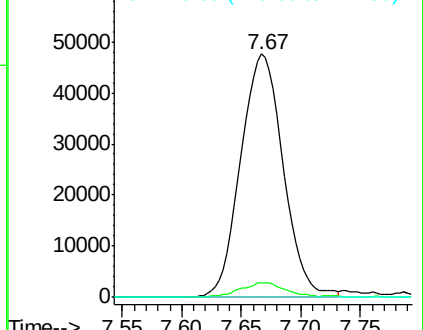
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 39.29 ug/l

RT: 8.27 min Scan# 2079

Delta R.T. 0.11 min

Lab File: VN049565.D

Acq: 26 Jun 2018 20:40

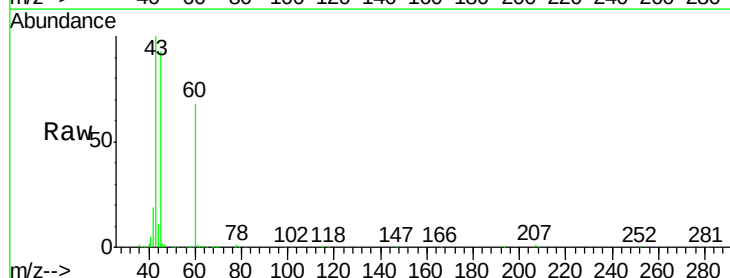
Tgt Ion: 43 Resp: 970097

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

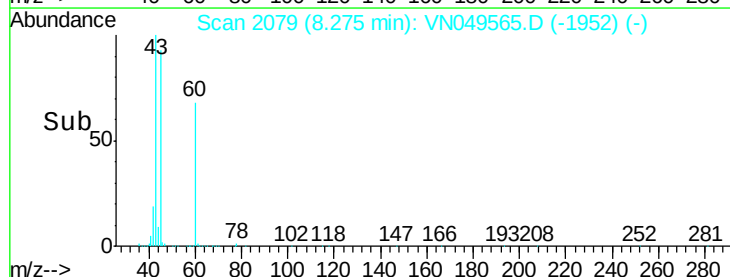
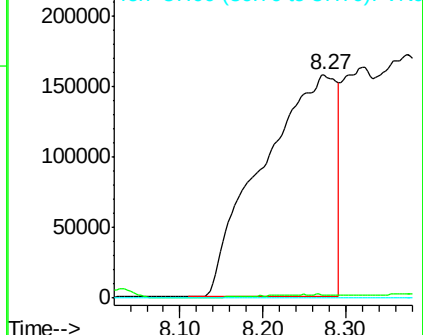
87 0.0 9.4 14.0#

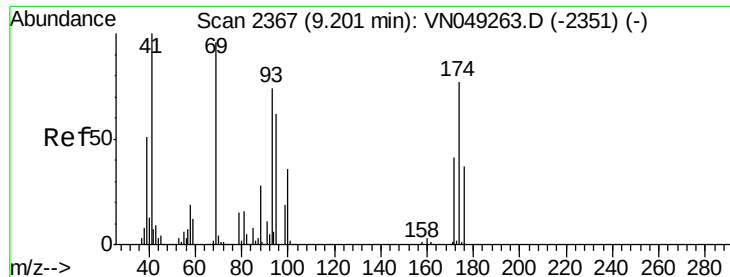


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

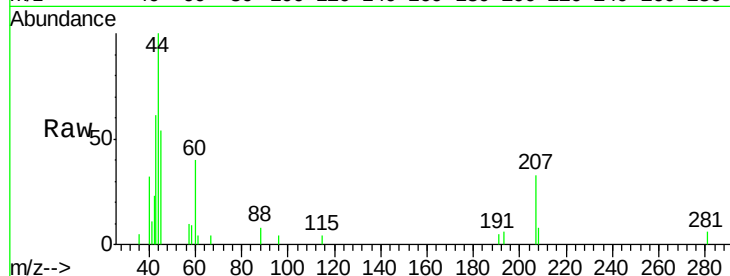




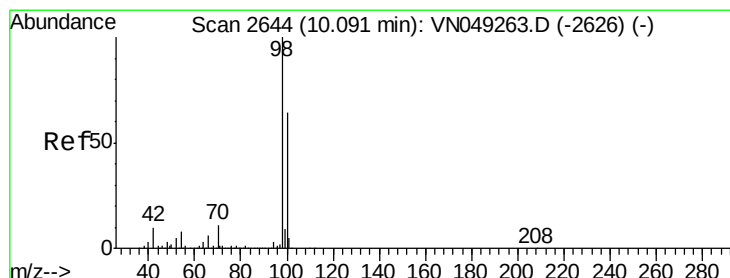
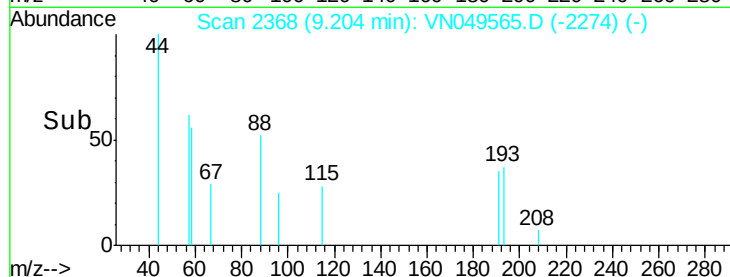
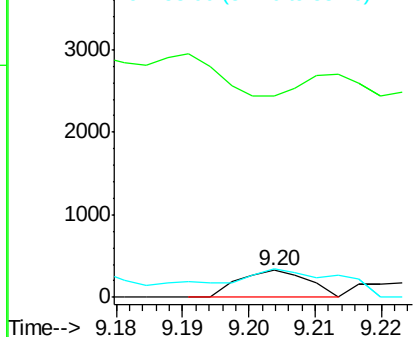
#49
1,4-Dioxane
Concen: 1.48 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049565.D
Acq: 26 Jun 2018 20:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 237
Ion Ratio Lower Upper
88 100
43 62.4 30.9 46.3#
58 135.0 58.9 88.3#

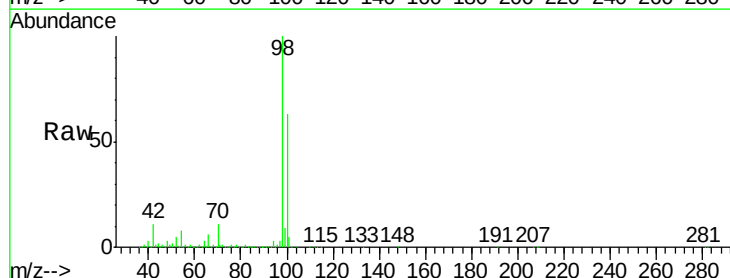


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

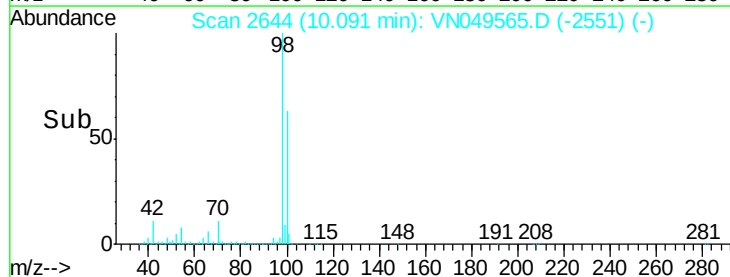
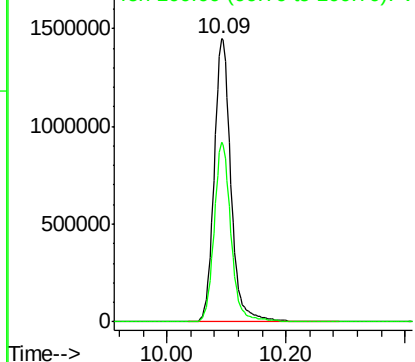


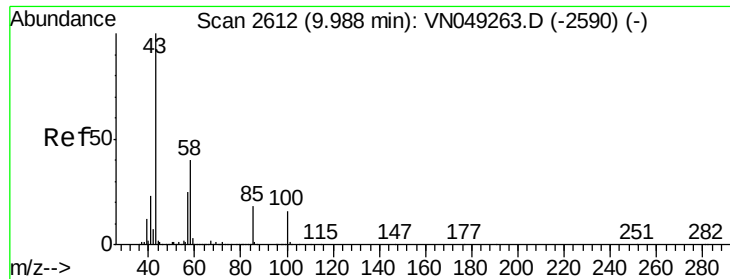
#50
Toluene-d8
Concen: 44.14 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049565.D
Acq: 26 Jun 2018 20:40

Tgt Ion: 98 Resp: 2819790
Ion Ratio Lower Upper
98 100
100 63.4 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

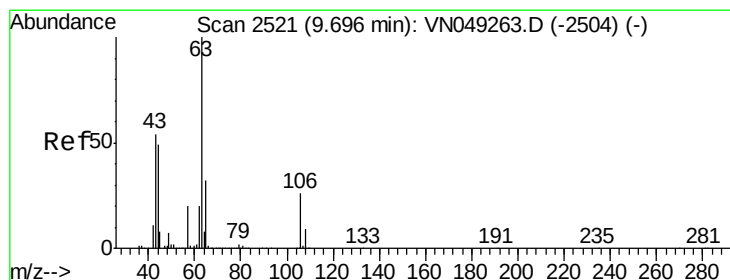
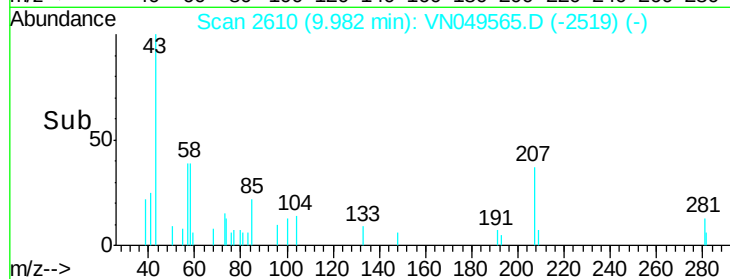
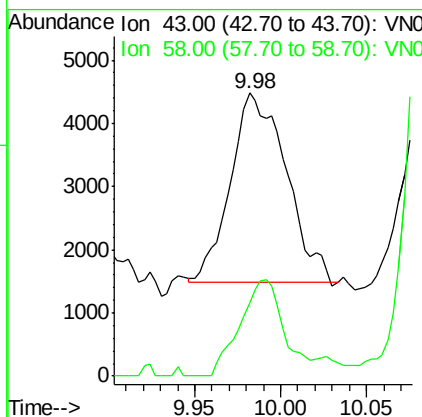
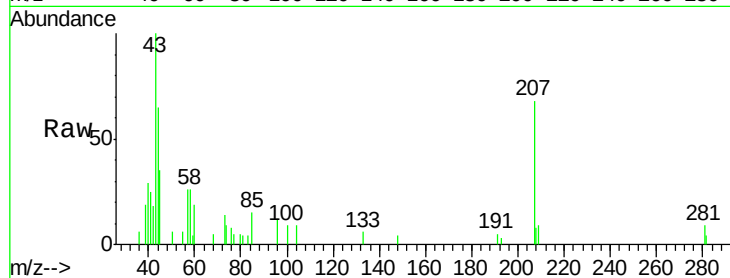




#51
 4-Methyl-2-Pentanone
 Concen: 0.52 ug/l
 RT: 9.98 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: VN049565.D
 Acq: 26 Jun 2018 20:40

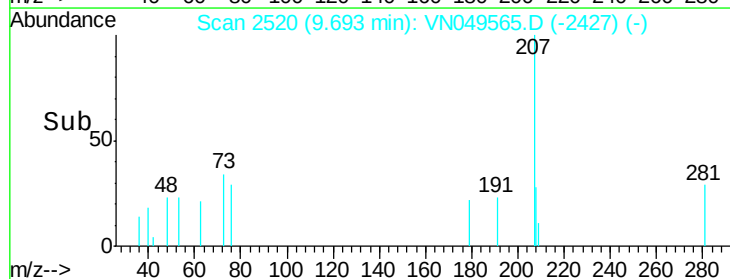
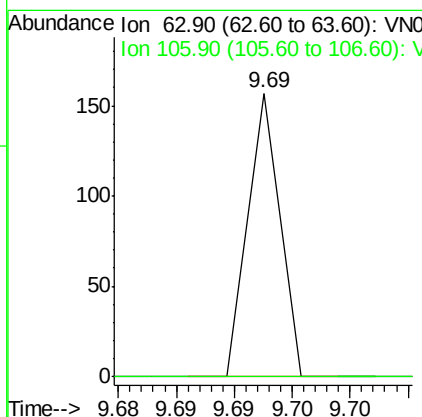
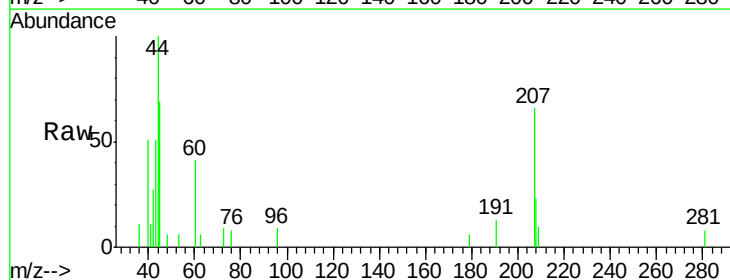
Instrument :
 MSVOA_N
 ClientSampled :

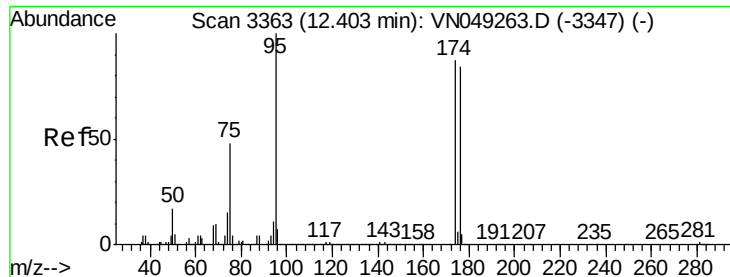
Tot Ion: 43 Resp: 6774
 Ion Ratio Lower Upper
 43 100
 58 39.8 29.0 43.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 14.33 ug/l
 RT: 9.69 min Scan# 2520
 Delta R.T. -0.00 min
 Lab File: VN049565.D
 Acq: 26 Jun 2018 20:40

Tgt Ion: 63 Resp: 30
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.4 29.2#

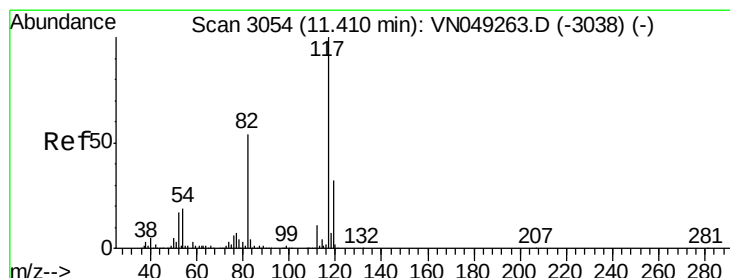
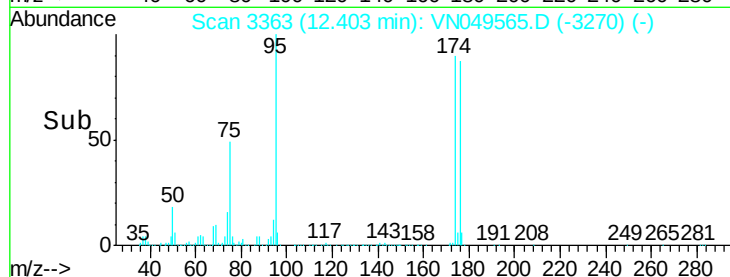
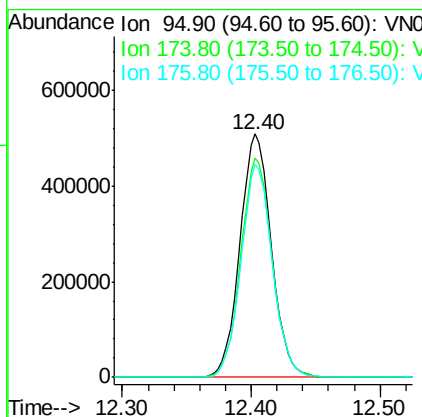
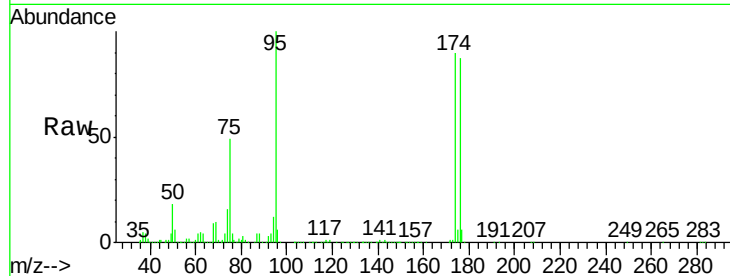




#62
4-Bromofluorobenzene
Concen: 40.68 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049565.D
Acq: 26 Jun 2018 20:40

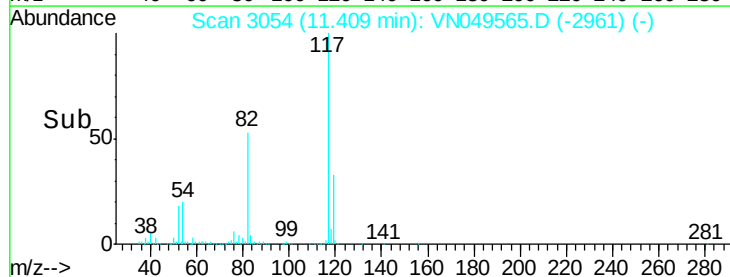
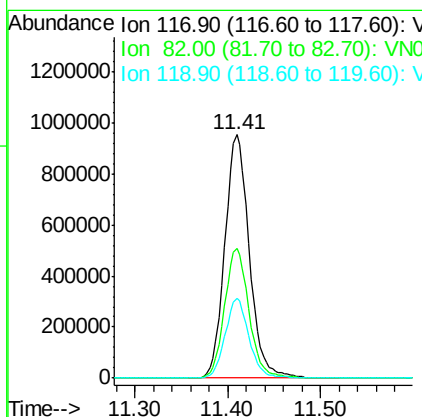
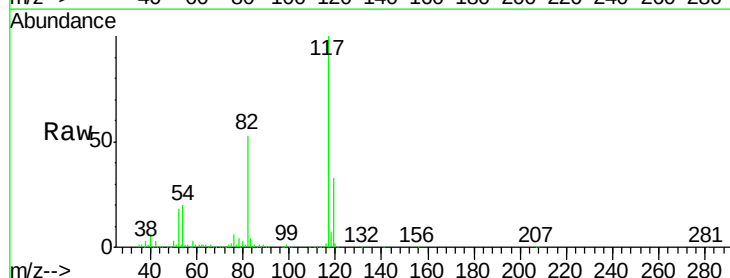
Instrument :
MSVOA_N
ClientSampleId :

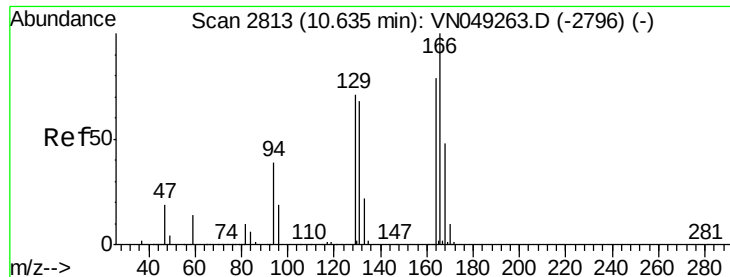
Tot Ion: 95 Resp: 859384
Ion Ratio Lower Upper
95 100
174 90.2 0.0 165.6
176 87.3 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049565.D
Acq: 26 Jun 2018 20:40

Tgt Ion: 117 Resp: 1746270
Ion Ratio Lower Upper
117 100
82 53.4 45.9 68.9
119 33.0 25.5 38.3





#64

Tetrachloroethene

Concen: 0.23 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. -0.00 min

Lab File: VN049565.D

Acq: 26 Jun 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 4076

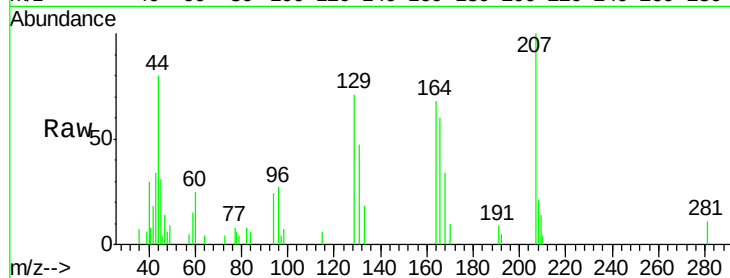
Ion Ratio Lower Upper

164 100

166 88.1 101.4 152.2#

129 104.0 74.1 111.1

131 69.2 73.7 110.5#

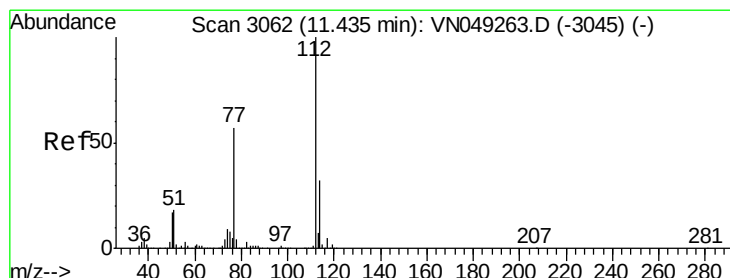
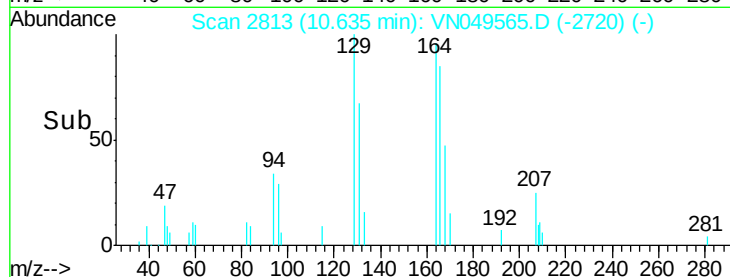
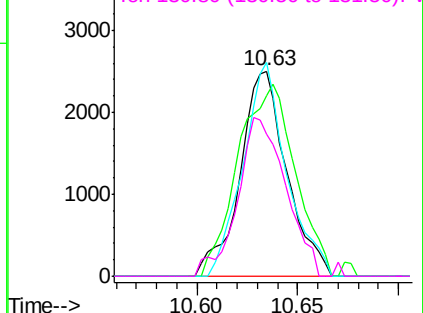


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.24 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN049565.D

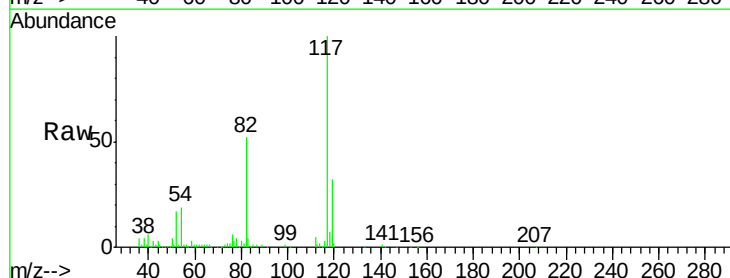
Acq: 26 Jun 2018 20:40

Tgt Ion:112 Resp: 10709

Ion Ratio Lower Upper

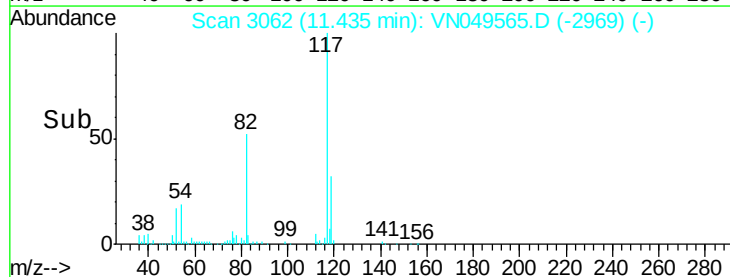
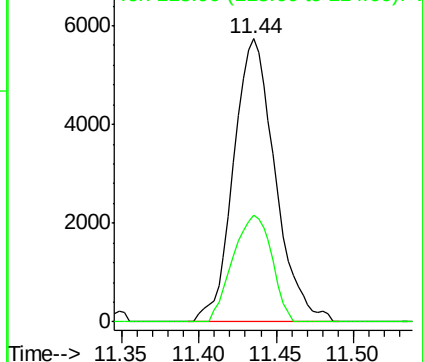
112 100

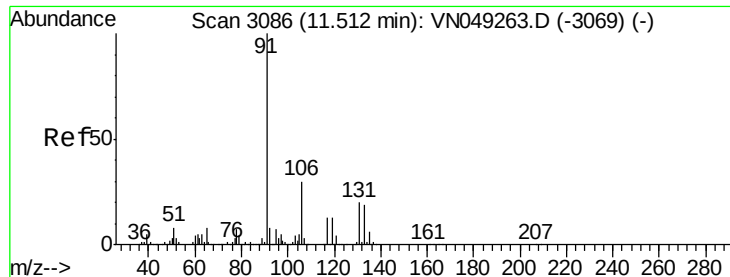
114 37.5 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#67

Ethyl Benzene

Concen: 0.28 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VN049565.D

Acq: 26 Jun 2018 20:40

Instrument :

MSVOA_N

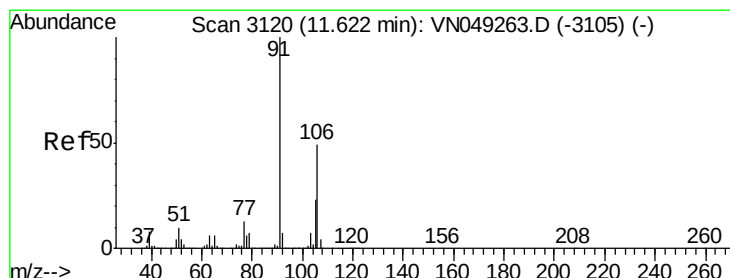
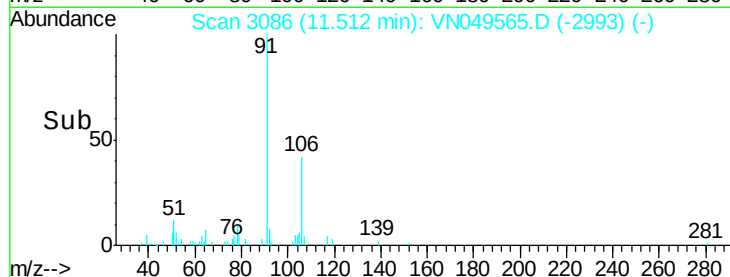
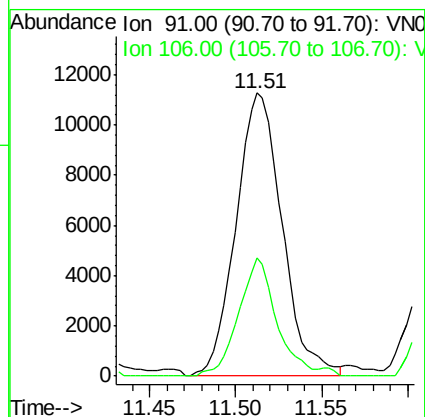
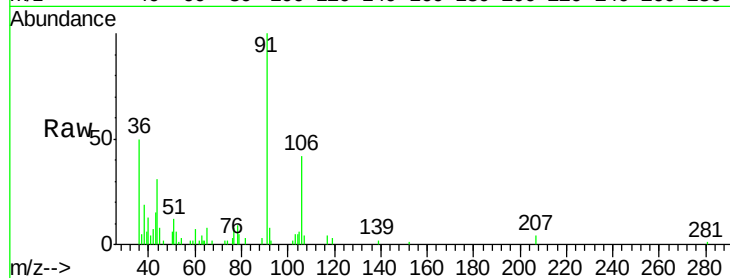
ClientSampled :

Tot Ion: 91 Resp: 20983

Ion Ratio Lower Upper

91 100

106 41.7 23.9 35.9#



#68

m/p-Xylenes

Concen: 0.28 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN049565.D

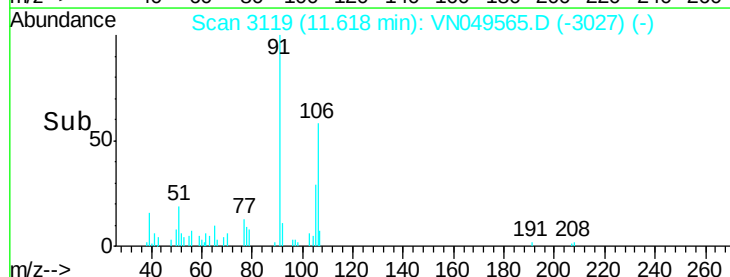
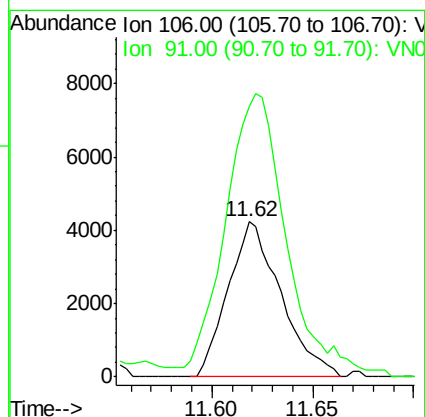
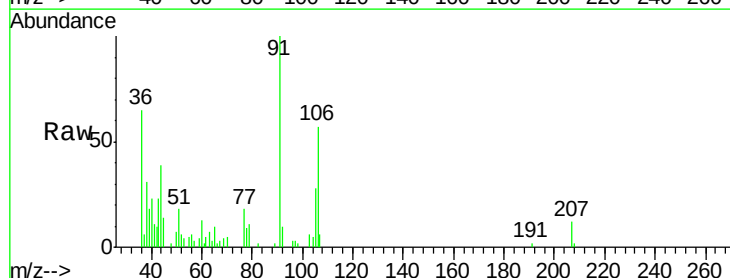
Acq: 26 Jun 2018 20:40

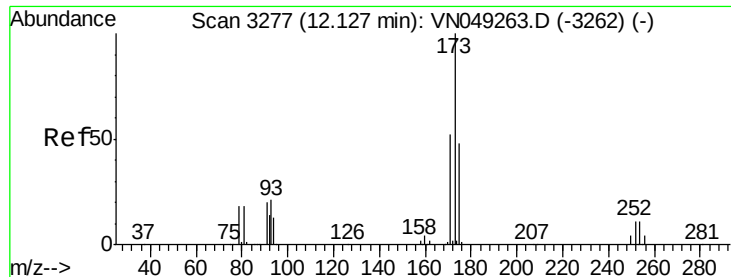
Tgt Ion: 106 Resp: 7730

Ion Ratio Lower Upper

106 100

91 212.1 167.3 250.9





#71

Bromoform

Concen: 0.52 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN049565.D

Acq: 26 Jun 2018 20:40

Instrument :

MSVOA_N

ClientSampled :

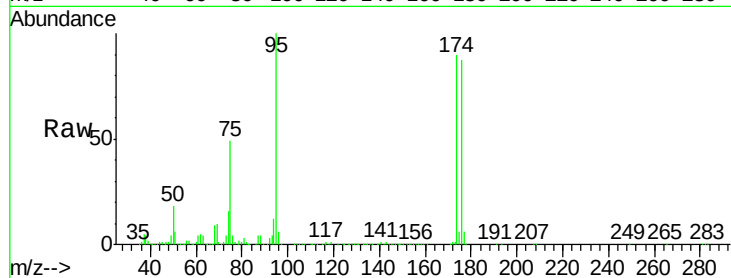
Tot Ion:173 Resp: 5679

Ion Ratio Lower Upper

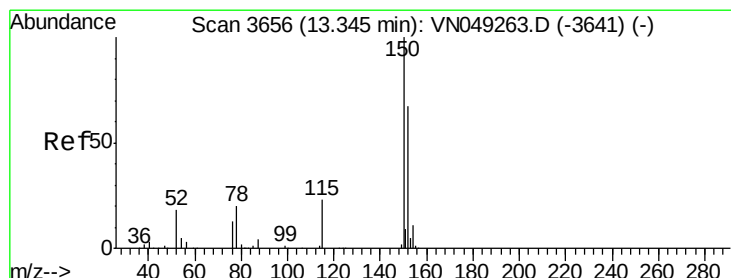
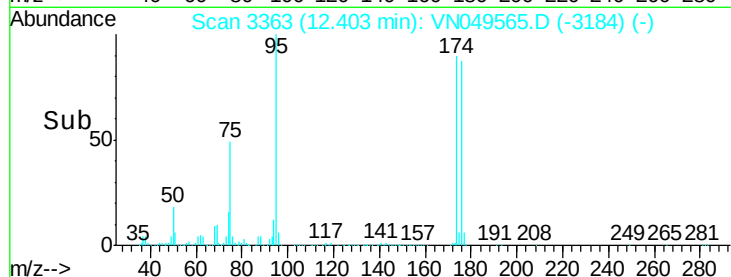
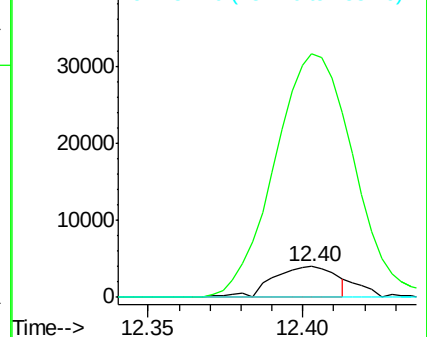
173 100

175 801.4 24.5 73.5#

254 0.0 0.1 0.1#



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: VN049565.D

Acq: 26 Jun 2018 20:40

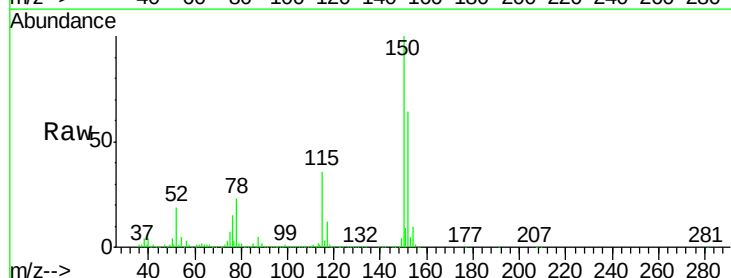
Tgt Ion:152 Resp: 778835

Ion Ratio Lower Upper

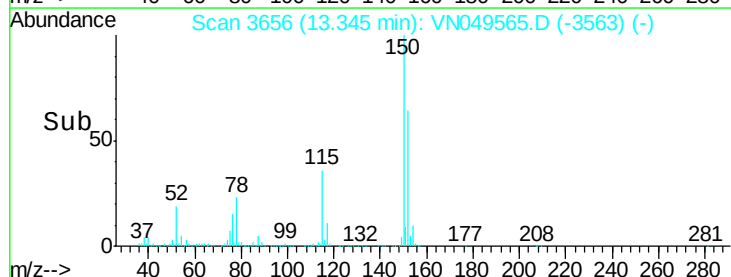
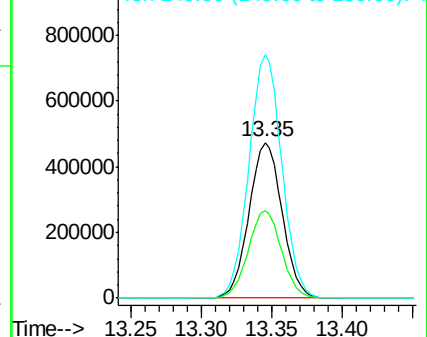
152 100

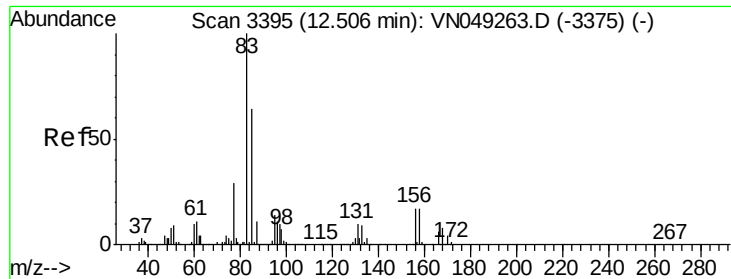
115 56.3 28.7 86.1

150 155.5 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





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3393

Delta R.T. -0.01 min

Lab File: VN049565.D

Acq: 26 Jun 2018 20:40

Instrument :

MSVOA_N

ClientSampled :

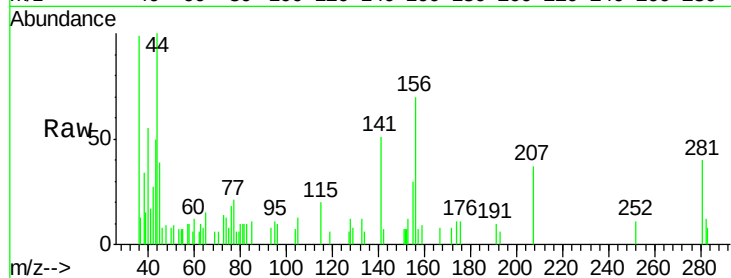
Tot Ion: 83 Resp: 180

Ion Ratio Lower Upper

83 100

131 38.3 5.0 15.0#

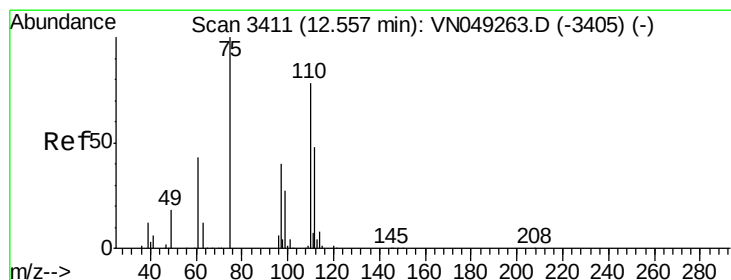
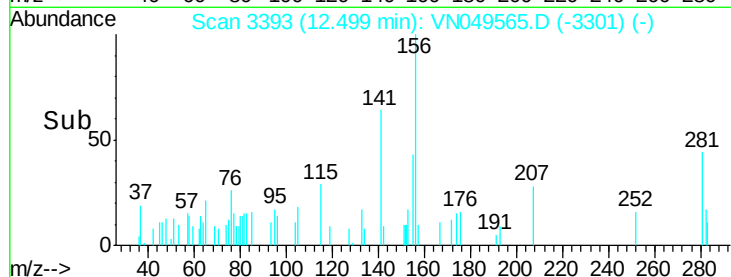
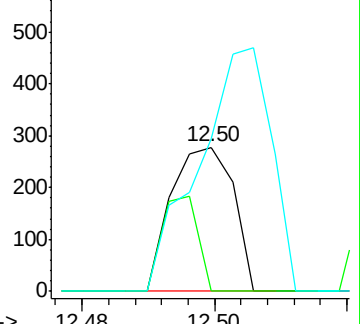
85 197.2 32.0 96.0#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 31.71 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049565.D

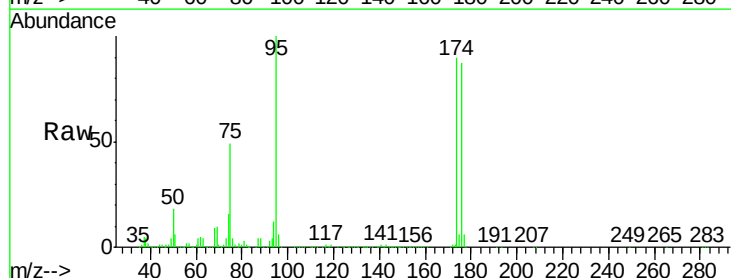
Acq: 26 Jun 2018 20:40

Tgt Ion: 75 Resp: 421410

Ion Ratio Lower Upper

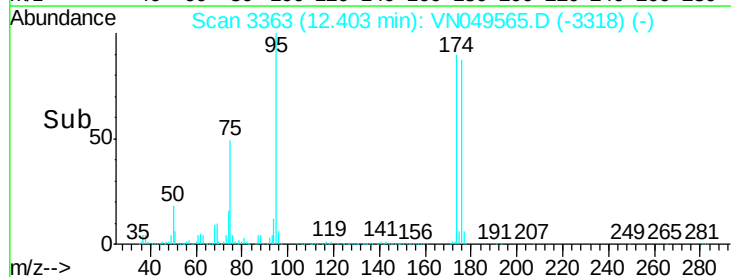
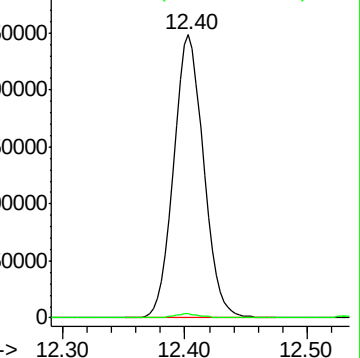
75 100

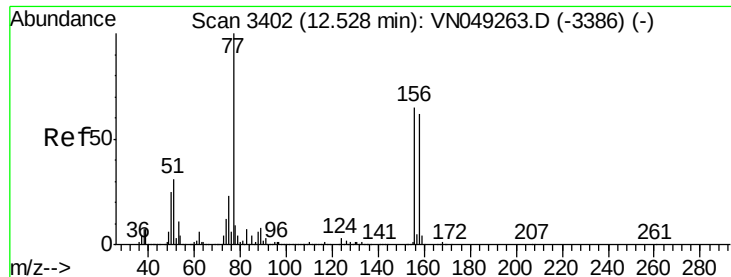
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 1.07 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.04 min

Lab File: VN049565.D

Acq: 26 Jun 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

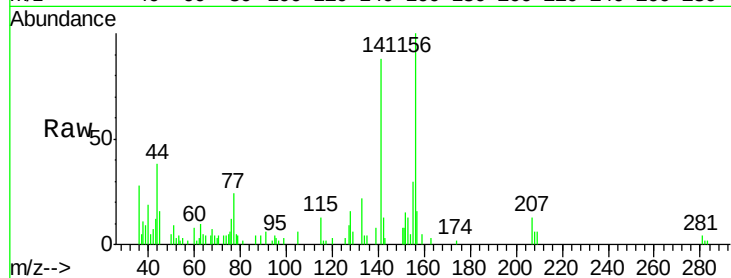
Tot Ion:156 Resp: 19268

Ion Ratio Lower Upper

156 100

77 9.3 100.8 302.4#

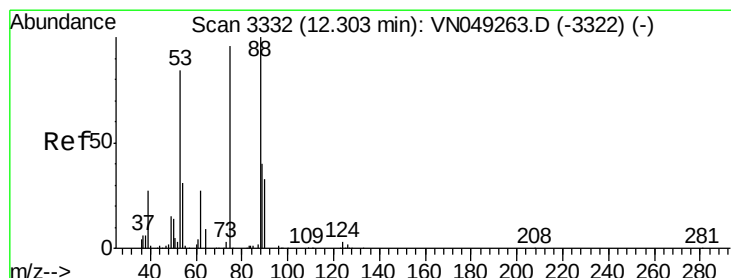
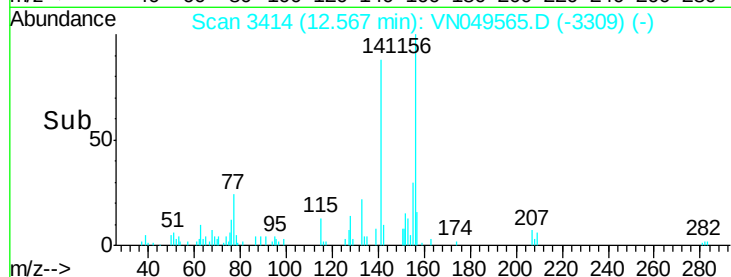
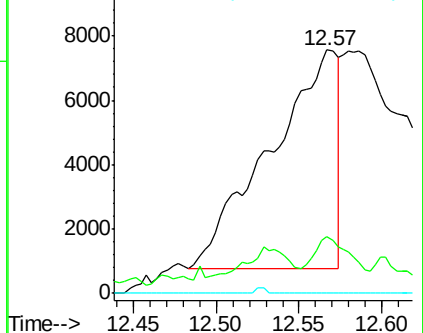
158 0.0 49.3 147.9#



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: 100.23 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049565.D

Acq: 26 Jun 2018 20:40

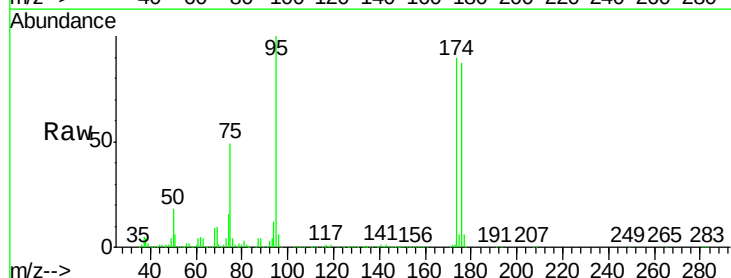
Tgt Ion: 75 Resp: 421410

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

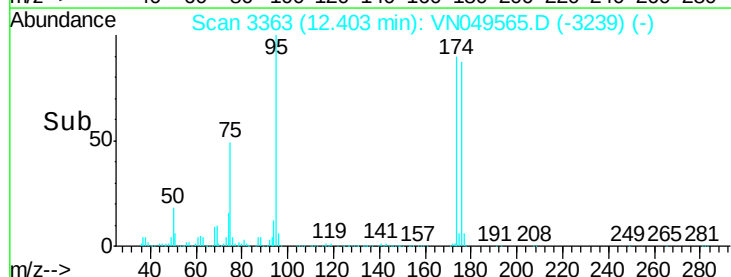
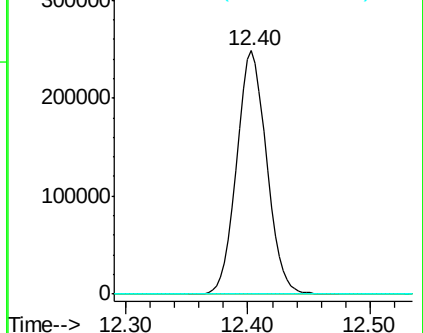
89 0.0 36.5 54.7#

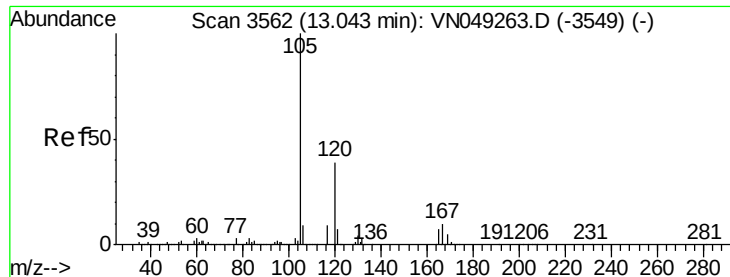


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

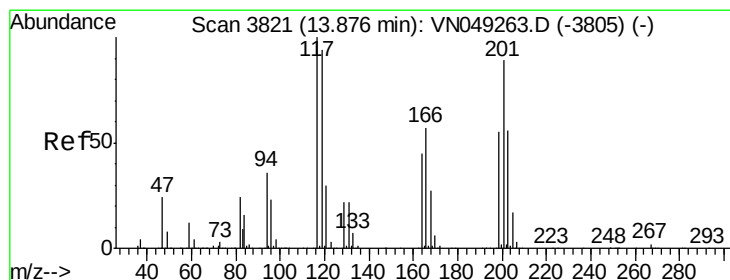
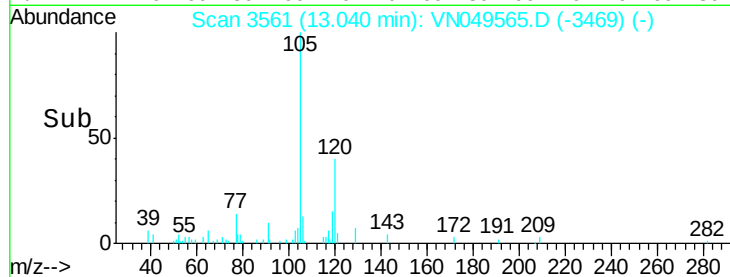
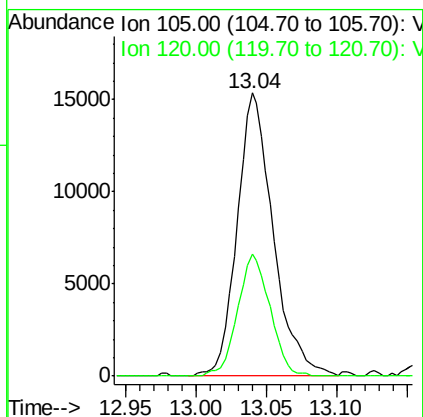
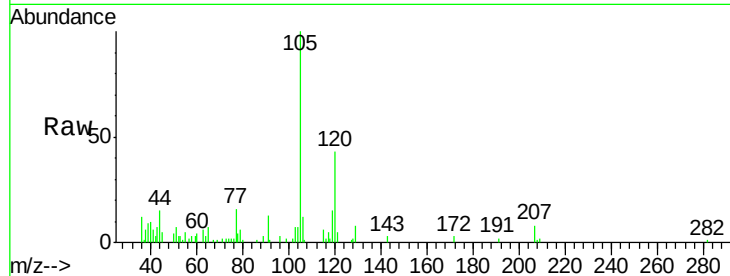




#84
 1,2,4-Trimethylbenzene
 Concen: 0.52 ua/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN049565.D
 Acq: 26 Jun 2018 20:40

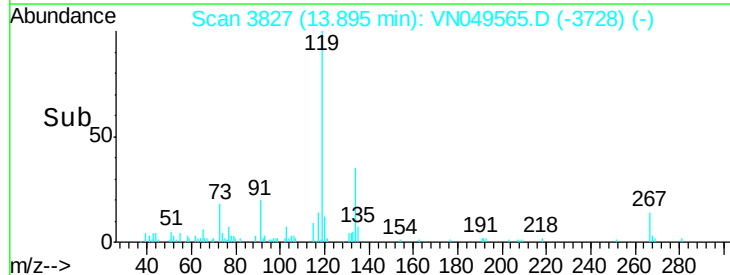
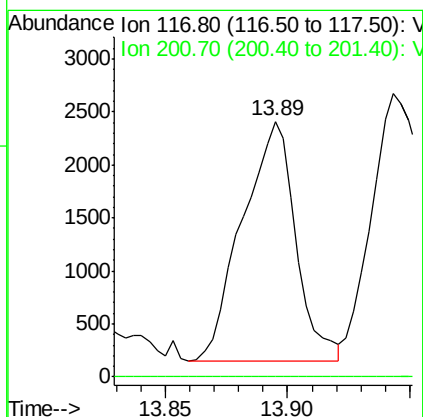
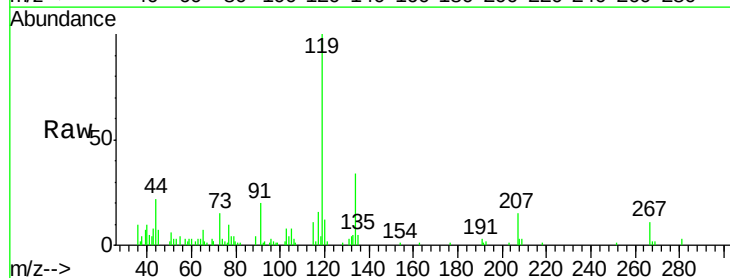
Instrument :
 MSVOA_N
 ClientSampleId :

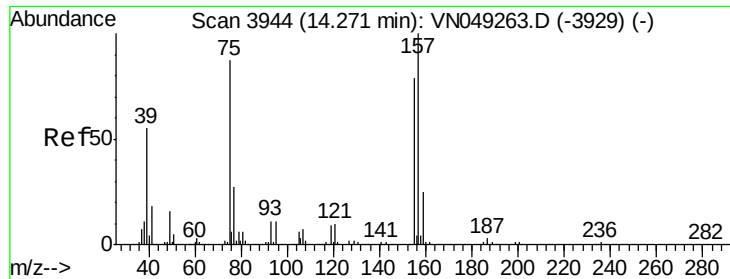
Tot Ion:105 Resp: 27545
 Ion Ratio Lower Upper
 105 100
 120 38.8 22.2 66.6



#90
 Hexachloroethane
 Concen: Below Cal
 RT: 13.89 min Scan# 3827
 Delta R.T. 0.02 min
 Lab File: VN049565.D
 Acq: 26 Jun 2018 20:40

Tgt Ion:117 Resp: 3431
 Ion Ratio Lower Upper
 117 100
 201 0.0 40.1 120.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.33 ug/l

RT: 14.27 min Scan# 3945

Delta R.T. 0.00 min

Lab File: VN049565.D

Acq: 26 Jun 2018 20:40

Instrument :

MSVOA_N

ClientSampled :

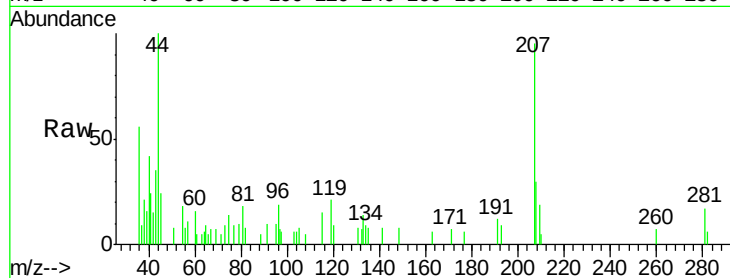
Tot Ion: 75 Resp: 776

Ion Ratio Lower Upper

75 100

155 0.0 38.8 116.3#

157 0.0 51.0 153.1#



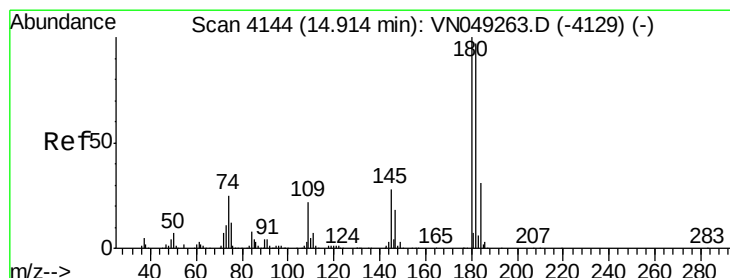
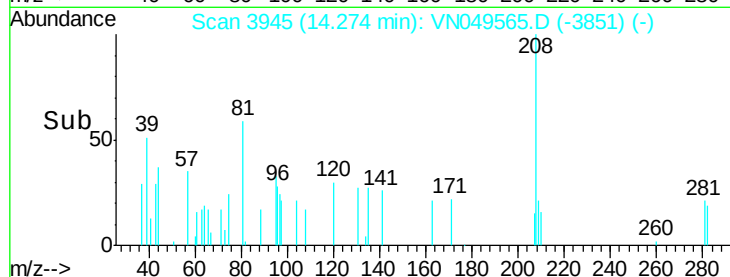
Abundance Ion 74.90 (74.60 to 75.60): VN049263.D (-3929) (-)

Ion 154.80 (154.50 to 155.50): VN049263.D (-3929) (-)

Ion 156.80 (156.50 to 157.50): VN049263.D (-3929) (-)

14.27

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 4.80 ug/l

RT: 14.91 min Scan# 4142

Delta R.T. -0.01 min

Lab File: VN049565.D

Acq: 26 Jun 2018 20:40

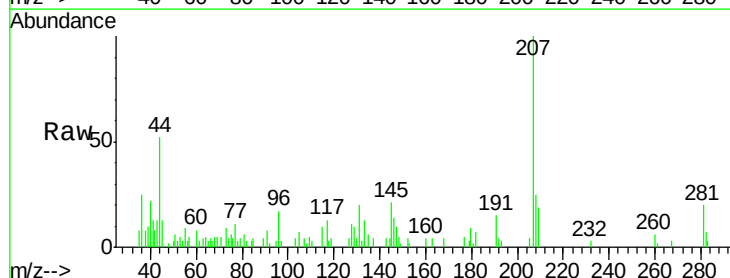
Tgt Ion: 180 Resp: 804

Ion Ratio Lower Upper

180 100

182 75.0 46.9 140.8

145 171.9 14.7 44.1#



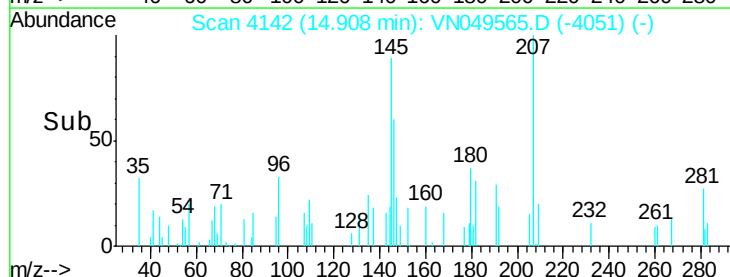
Abundance Ion 179.80 (179.50 to 180.50): VN049263.D (-4129) (-)

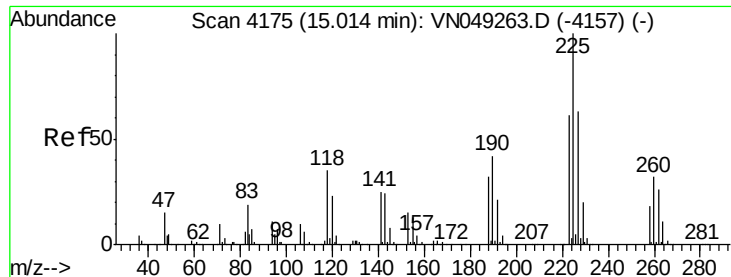
Ion 181.80 (181.50 to 182.50): VN049263.D (-4129) (-)

Ion 144.80 (144.50 to 145.50): VN049263.D (-4129) (-)

14.91

Time-->





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4171

Delta R.T. -0.01 min

Lab File: VN049565.D

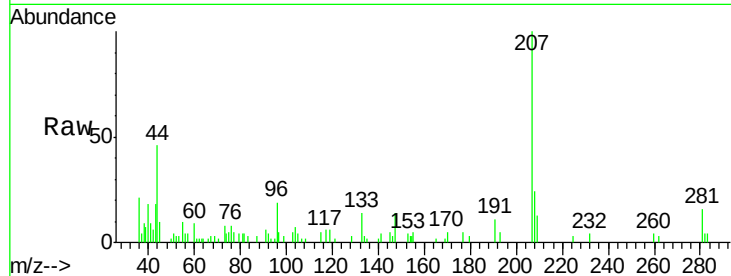
Acq: 26 Jun 2018 20:40

Instrument :

MSVOA_N

ClientSampled :

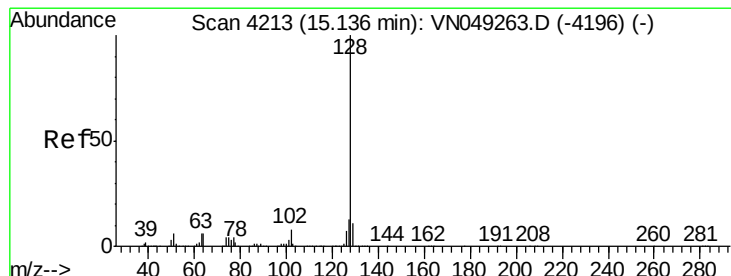
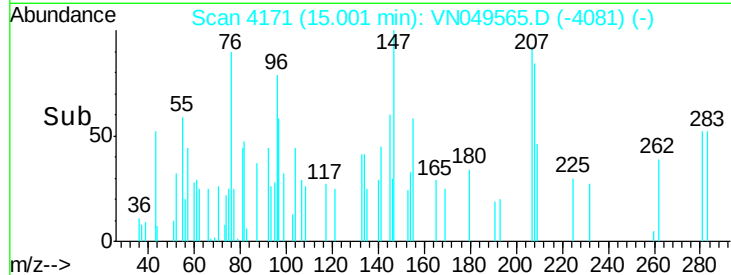
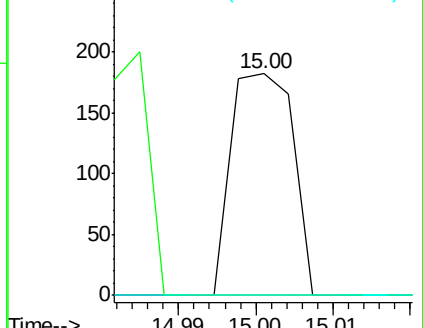
Tot Ion:	225	Resp:	101
Ion	Ratio	Lower	Upper
225	100		
223	72.3	32.1	96.3
227	0.0	31.8	95.3#



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: 16.10 ug/l

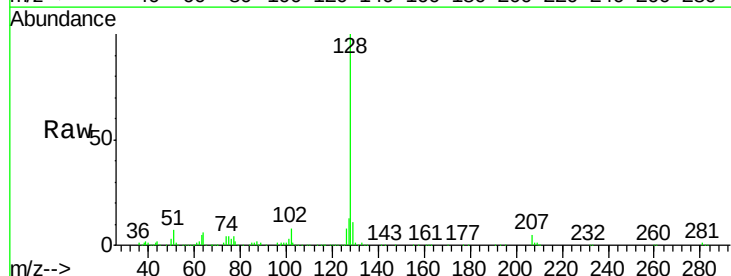
RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049565.D

Acq: 26 Jun 2018 20:40

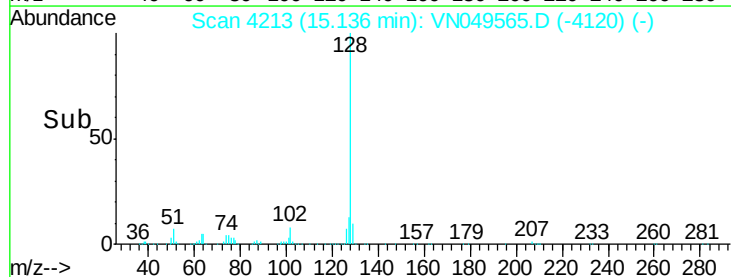
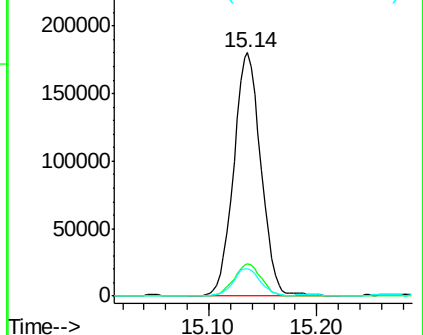
Tgt Ion:	128	Resp:	315188
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	16.0
129	11.2	8.5	12.7

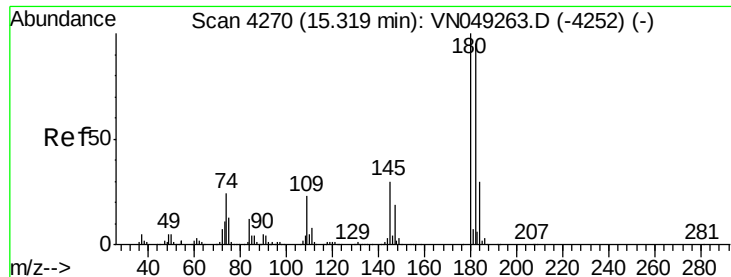


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 3.50 ug/l
 RT: 15.32 min Scan# 4269
 Delta R.T. -0.00 min
 Lab File: VN049565.D
 Acq: 26 Jun 2018 20:40

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	57.6	47.3	141.8
145	284.6	15.6	46.7#

