

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051120\
 Data File : VN061380.D
 Acq On : 11 May 2020 11:06
 Operator : JC/MD
 Sample : VN0511MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 12 02:12:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	90703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	161577	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	149686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	56688	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	73953	51.53	ug/l	0.00
Spiked Amount			Recovery	=	103.06%	
35) Dibromofluoromethane	7.54	113	47438	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	
50) Toluene-d8	10.06	98	198403	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.38	95	67195	45.84	ug/l	0.00
Spiked Amount			Recovery	=	91.68%	

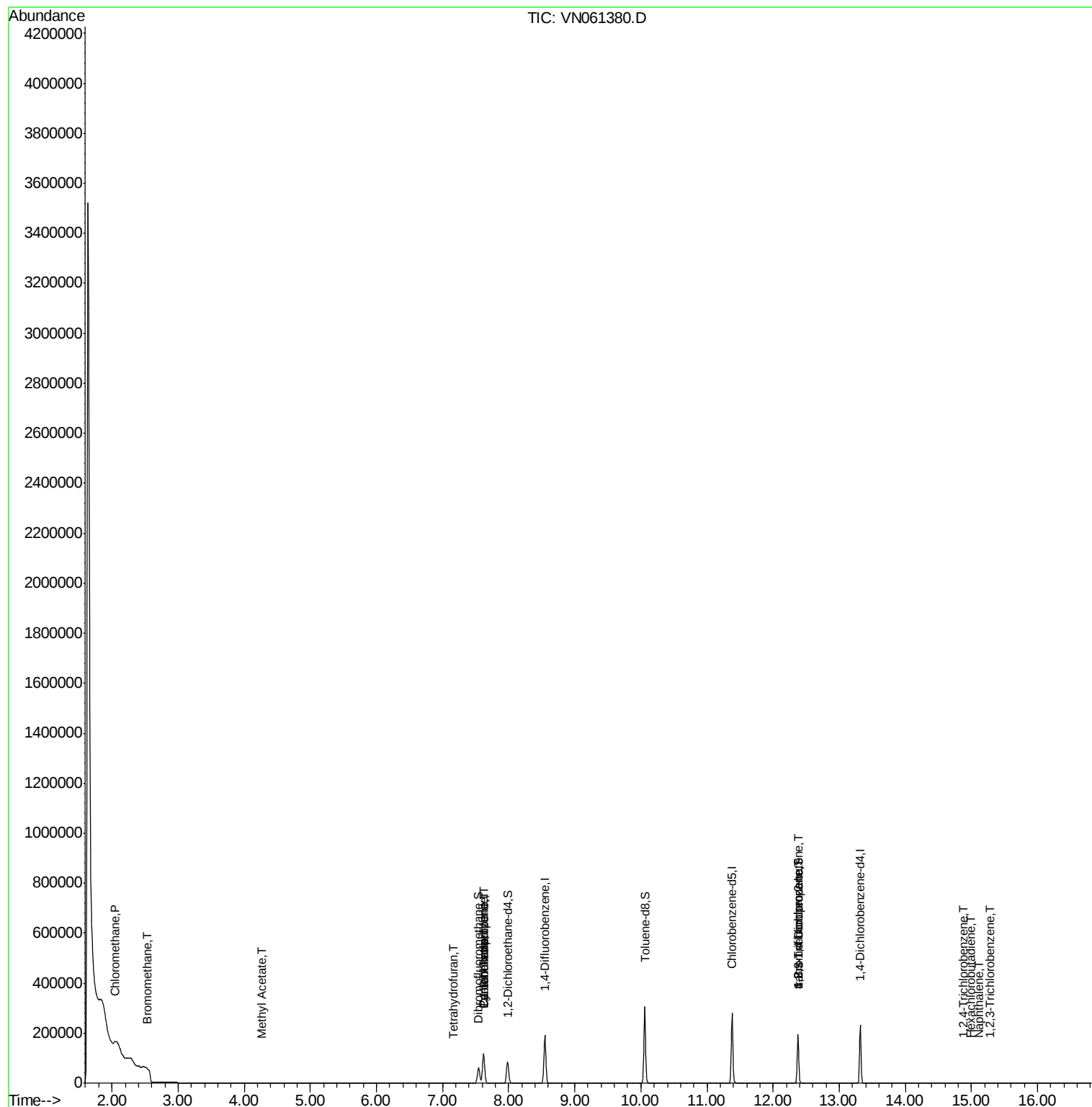
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	957	0.822	ug/l #	86
5) Bromomethane	2.54	94	178	0.272	ug/l #	9
16) Acetone	3.78	43	1465	Below Cal	#	47
18) Methyl Acetate	4.27	43	129	0.749	ug/l #	55
29) Tetrahydrofuran	7.17	42	273	0.477	ug/l #	37
31) Cyclohexane	7.62	56	2375	1.138	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	8204	5.072	ug/l #	50
38) Carbon Tetrachloride	7.63	117	9856	8.660	ug/l #	17
76) 1,2,3-Trichloropropane	12.38	75	36371	30.433	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	36371	77.283	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.89	180	396	0.383	ug/l #	75
94) Hexachlorobutadiene	14.98	225	197	0.456	ug/l #	28
95) Naphthalene	15.11	128	1800	0.535	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.28	180	368	0.360	ug/l	77

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

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061380.D

Acq: 11 May 2020 11:06

Instrument :

MSVOA_N

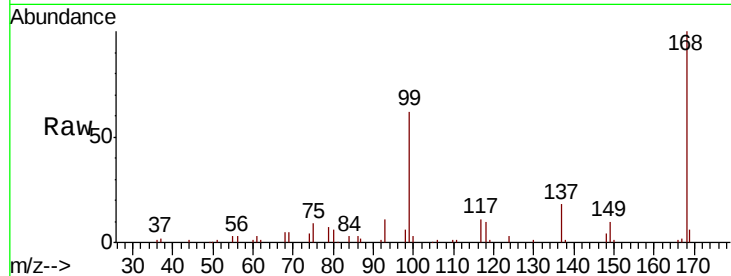
ClientSampled :

Tot Ion:168 Resp: 90703

Ion Ratio Lower Upper

168 100

99 62.4 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

40000

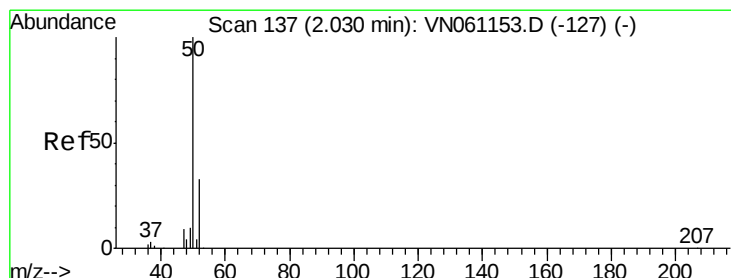
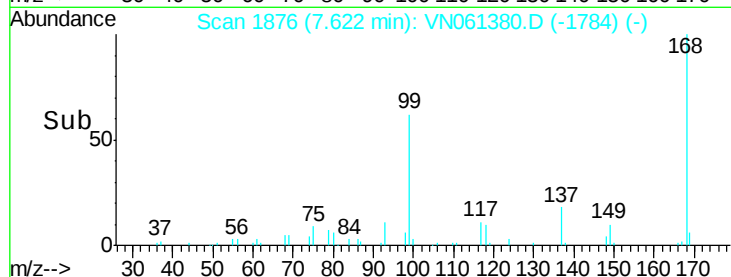
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.822 ug/l

RT: 2.03 min Scan# 138

Delta R.T. 0.00 min

Lab File: VN061380.D

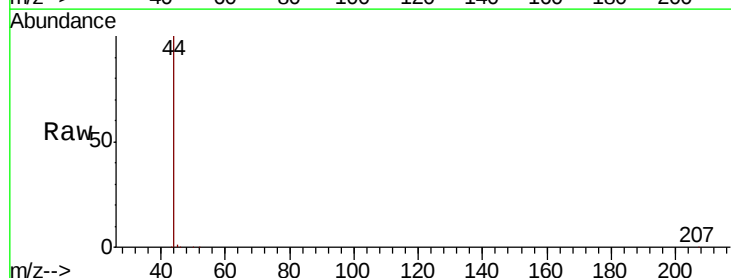
Acq: 11 May 2020 11:06

Tgt Ion: 50 Resp: 957

Ion Ratio Lower Upper

50 100

52 40.6 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.03

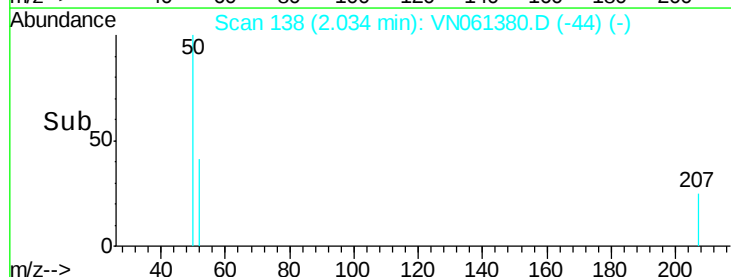
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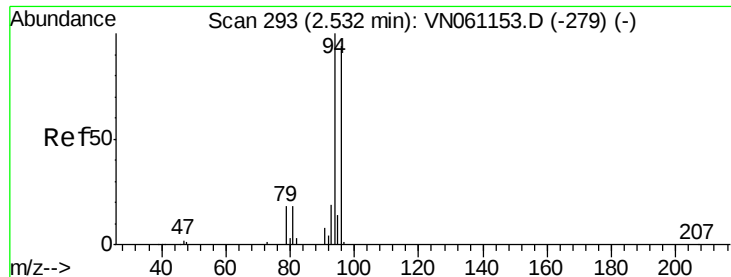
400

200

0

Time--> 2.00 2.02 2.04 2.06 2.08





#5

Bromomethane

Concen: 0.272 ug/l

RT: 2.54 min Scan# 297

Delta R.T. 0.01 min

Lab File: VN061380.D

Acq: 11 May 2020 11:06

Instrument :

MSVOA_N

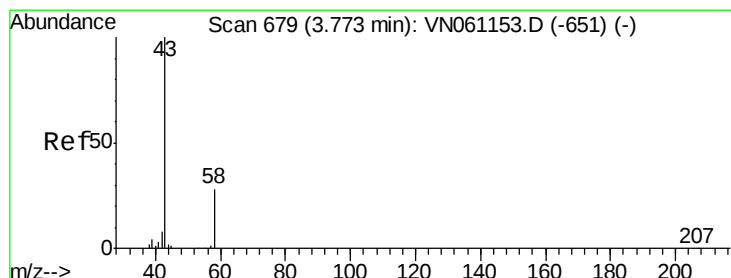
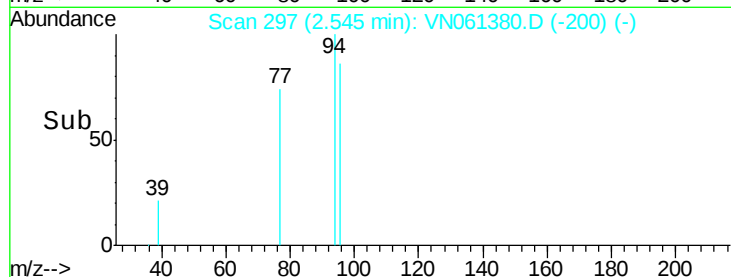
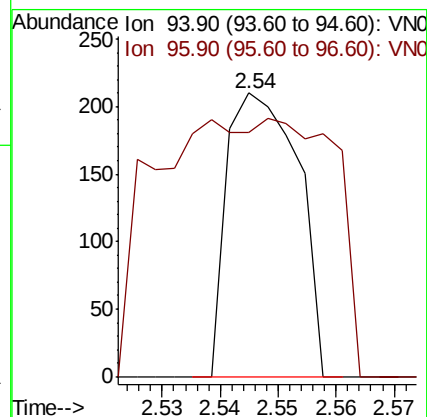
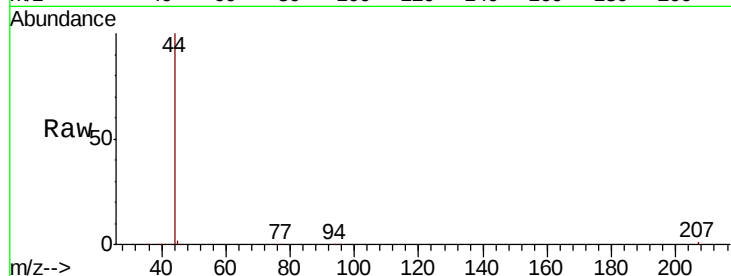
ClientSampled :

Tot Ion: 94 Resp: 178

Ion Ratio Lower Upper

94 100

96 6.2 75.1 112.7#



#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 682

Delta R.T. 0.01 min

Lab File: VN061380.D

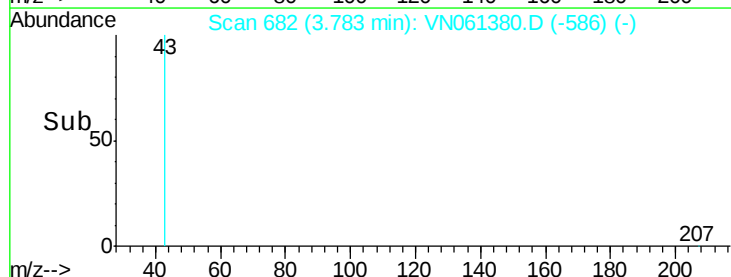
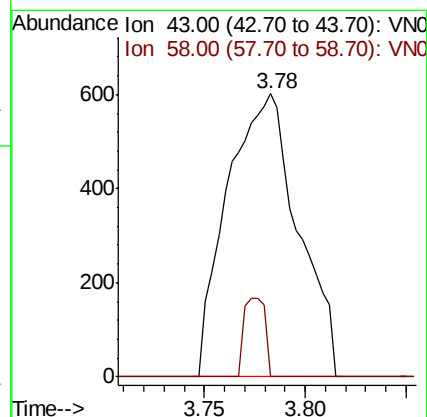
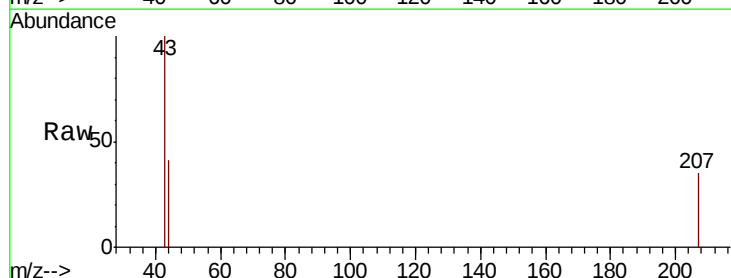
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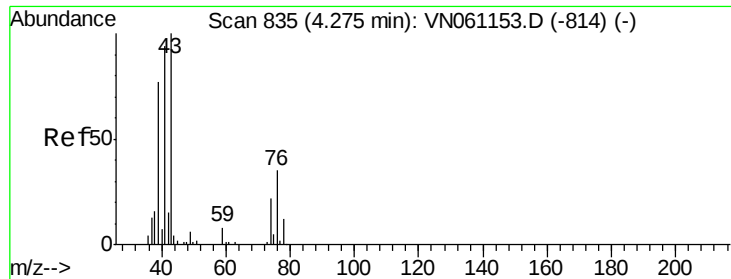
Tgt Ion: 43 Resp: 1465

Ion Ratio Lower Upper

43 100

58 0.0 22.2 33.2#

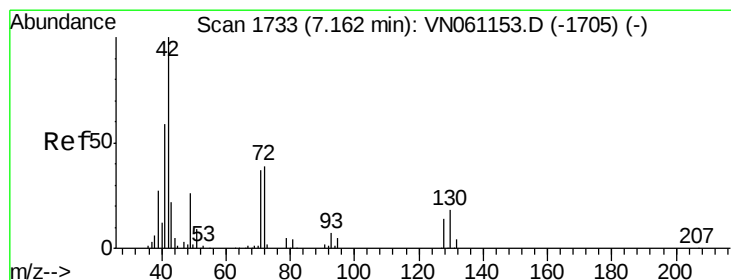
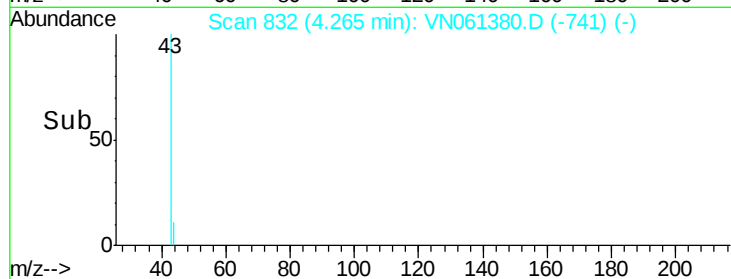
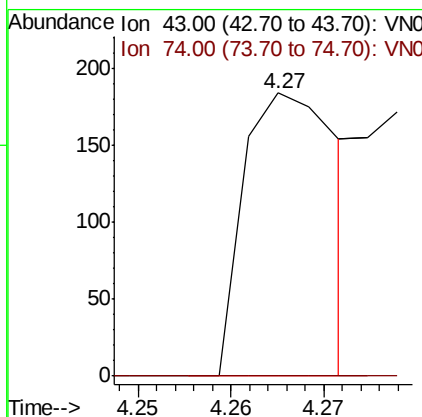
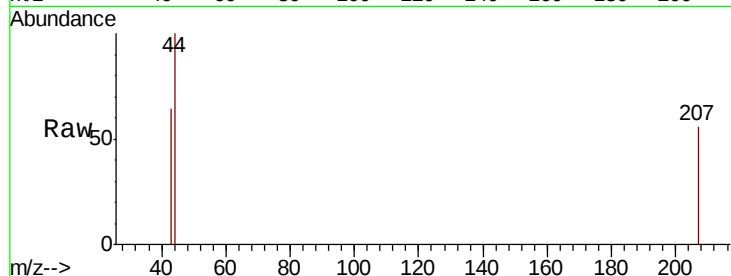




#18
Methyl Acetate
Concen: 0.749 ug/l
RT: 4.27 min Scan# 832
Delta R.T. -0.01 min
Lab File: VN061380.D
Acq: 11 May 2020 11:06

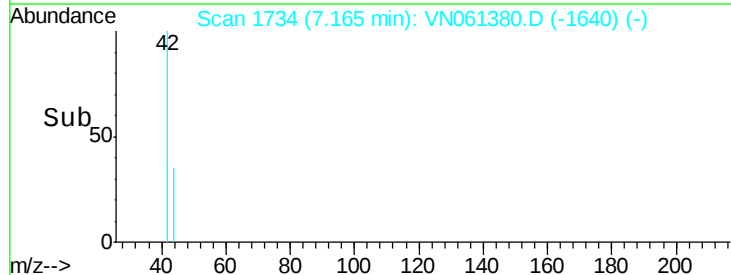
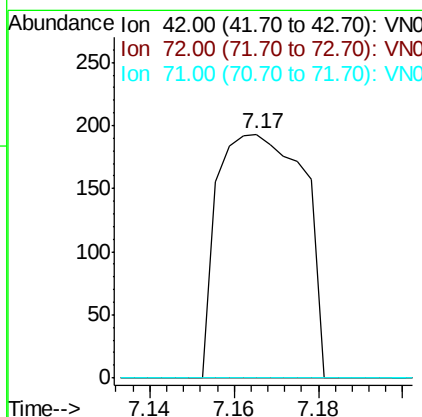
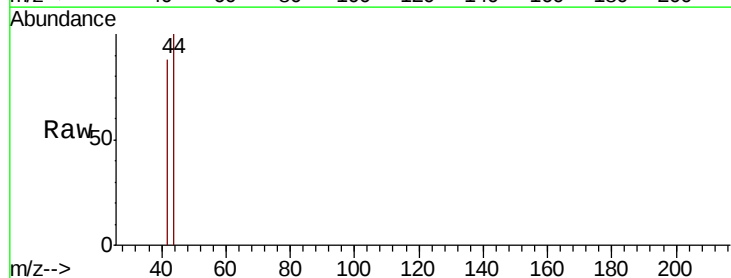
Instrument :
MSVOA_N
ClientSampleId :

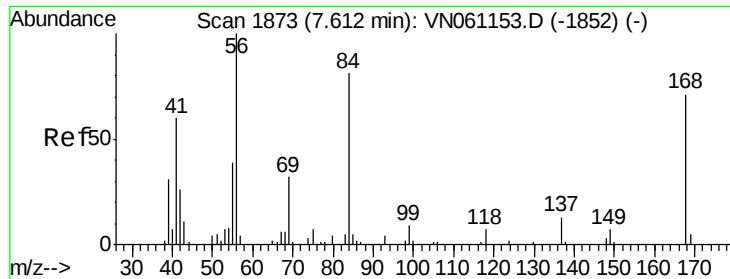
Tot Ion: 43 Resp: 129
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#29
Tetrahydrofuran
Concen: 0.477 ug/l
RT: 7.17 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN061380.D
Acq: 11 May 2020 11:06

Tgt Ion: 42 Resp: 273
Ion Ratio Lower Upper
42 100
72 0.0 31.4 47.0#
71 0.0 29.5 44.3#

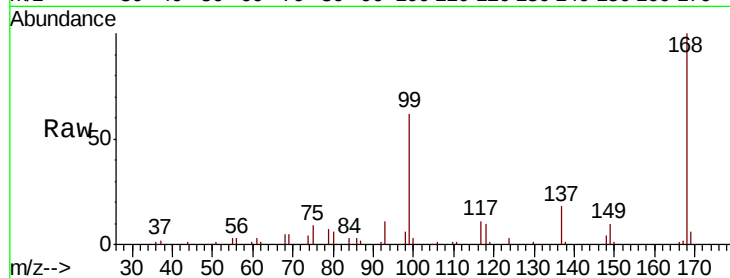




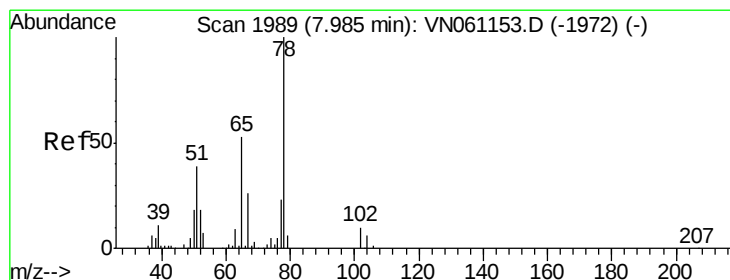
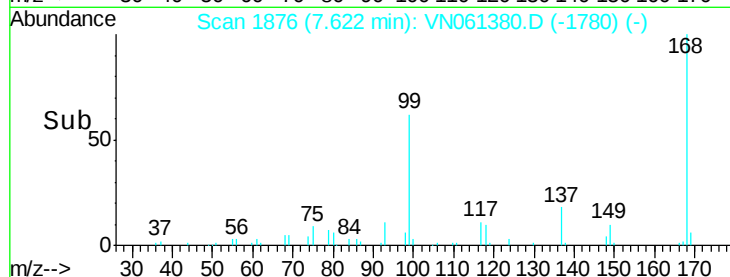
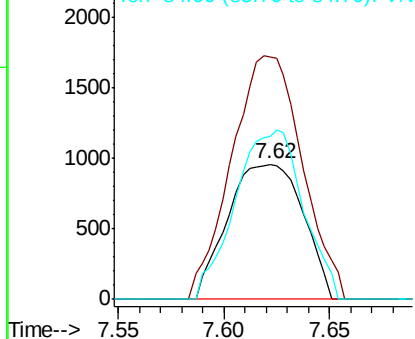
#31
Cyclohexane
Concen: 1.138 ug/l
RT: 7.62 min Scan# 1876
Delta R.T. 0.01 min
Lab File: VN061380.D
Acq: 11 May 2020 11:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 2375
Ion Ratio Lower Upper
56 100
69 179.3 25.7 38.5#
84 120.1 64.6 97.0#

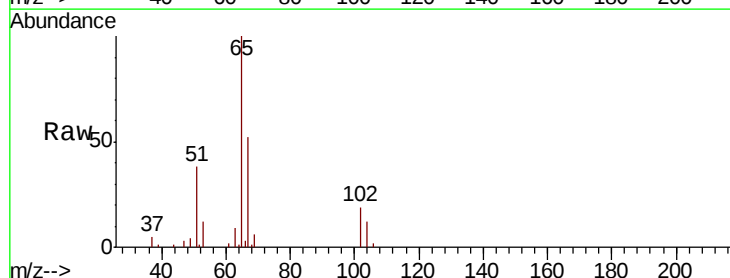


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

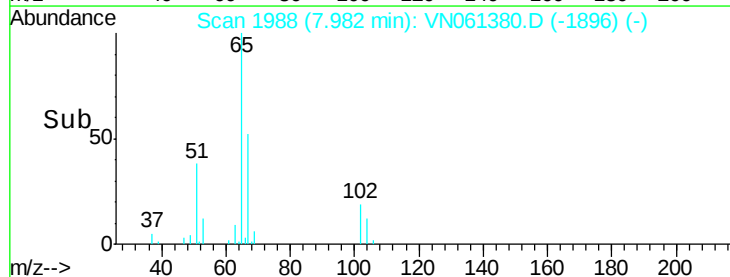
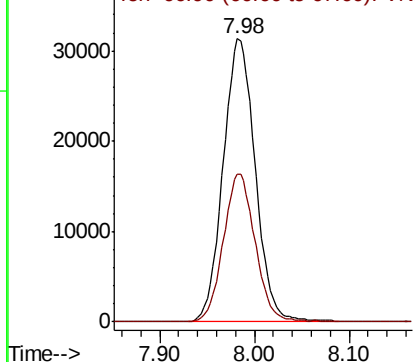


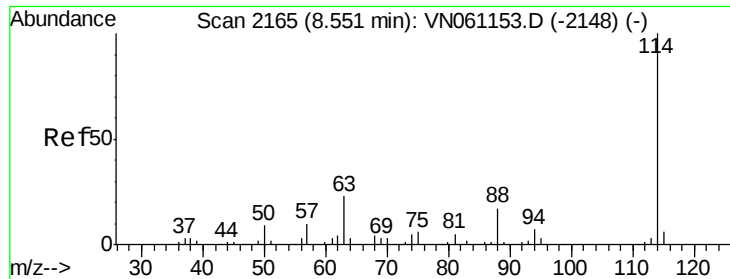
#33
1,2-Dichloroethane-d4
Concen: 51.528 ug/l
RT: 7.98 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN061380.D
Acq: 11 May 2020 11:06

Tgt Ion: 65 Resp: 73953
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

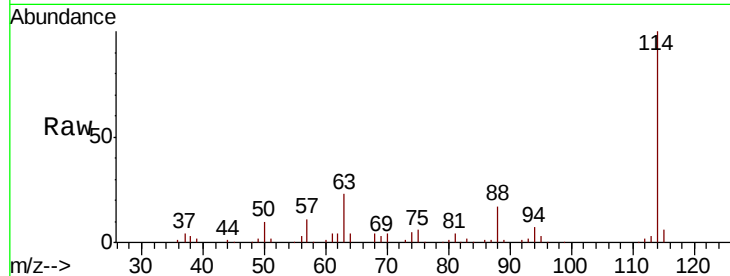




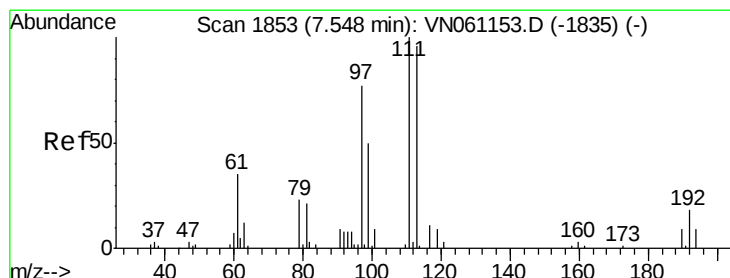
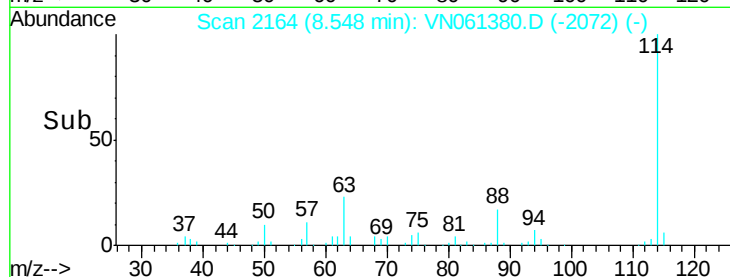
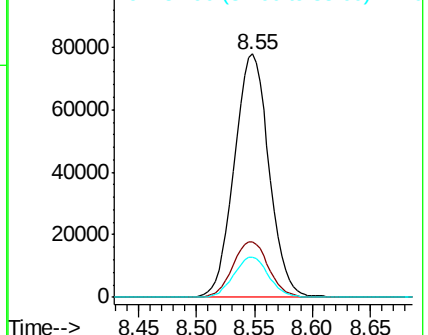
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061380.D
 Acq: 11 May 2020 11:06

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 161577
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 46.6
 88 16.6 0.0 33.4

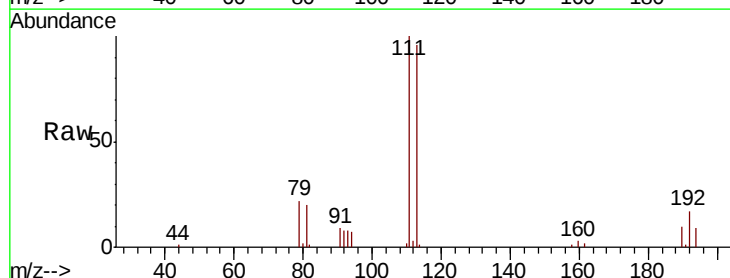


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

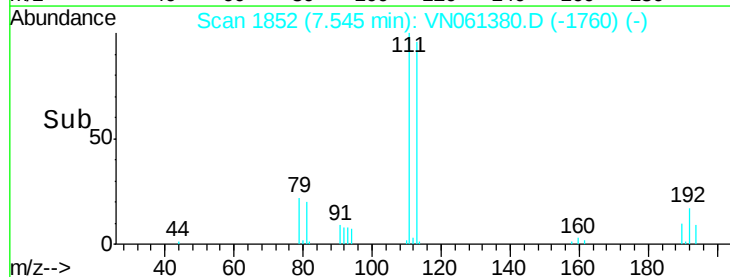
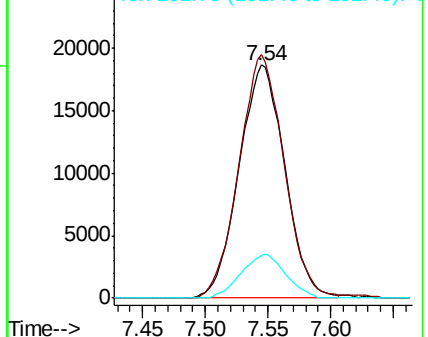


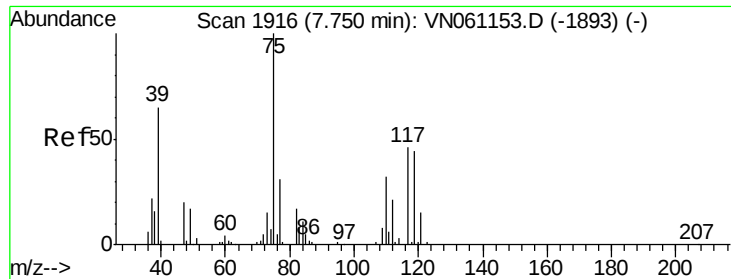
#35
 Dibromofluoromethane
 Concen: 49.650 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061380.D
 Acq: 11 May 2020 11:06

Tgt Ion:113 Resp: 47438
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.9 124.3
 192 18.2 14.7 22.1



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

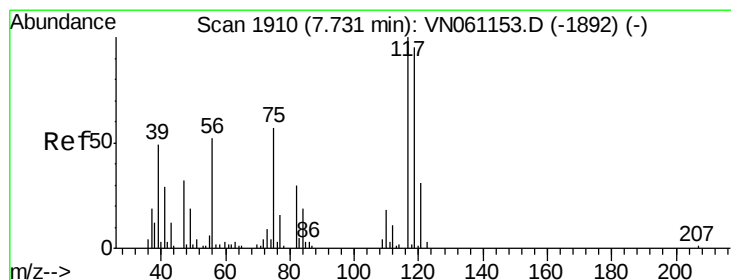
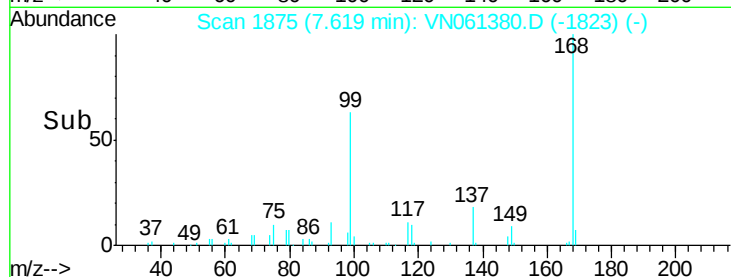
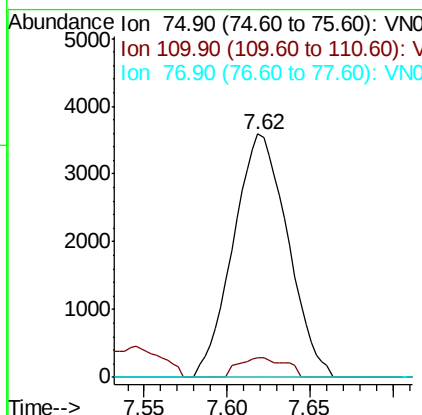
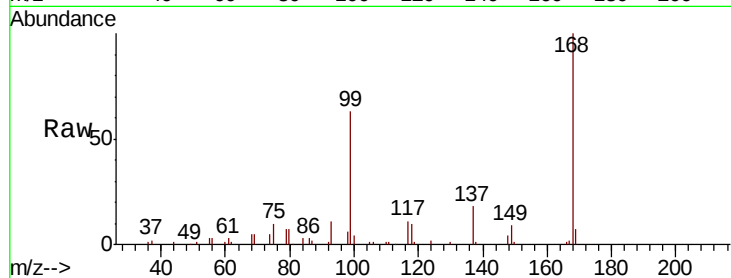




#36
 1,1-Dichloropropene
 Concen: 5.072 ug/l
 RT: 7.62 min Scan# 1875
 Delta R.T. -0.13 min
 Lab File: VN061380.D
 Acq: 11 May 2020 11:06

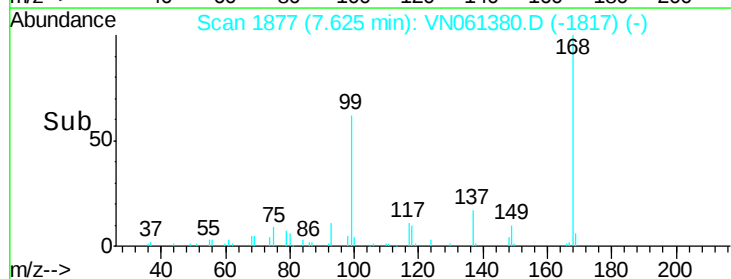
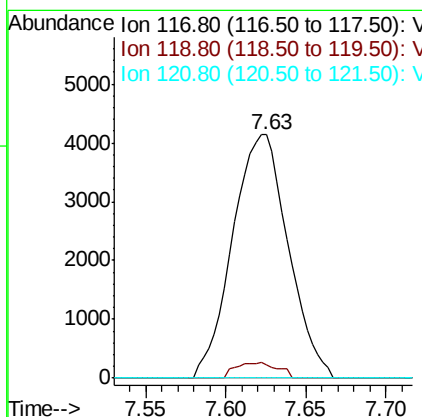
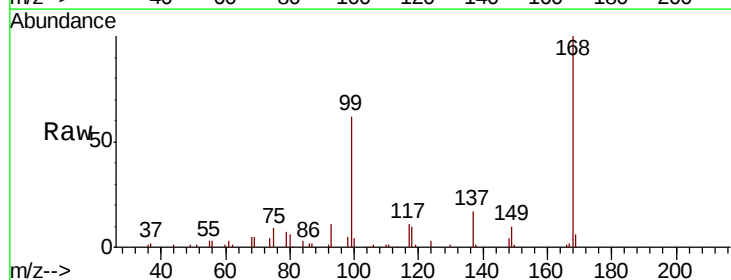
Instrument :
 MSVOA_N
 ClientSampleId :

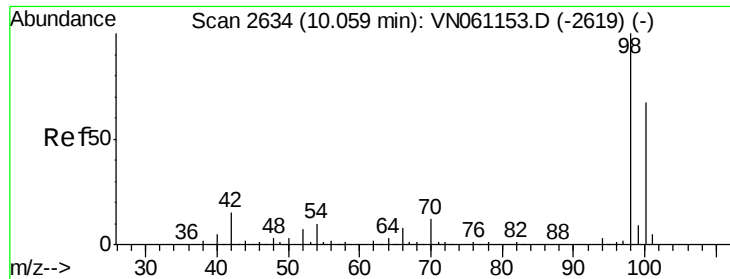
Tot Ion	75	Resp	8204
Ion Ratio	100	Lower	Upper
75	100		
110	6.9	16.0	48.0#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 8.660 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.11 min
 Lab File: VN061380.D
 Acq: 11 May 2020 11:06

Tgt Ion	117	Resp	9856
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.6	75.8	113.6#
121	0.0	24.7	37.1#





#50

Toluene-d8

Concen: 50.939 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061380.D

Acq: 11 May 2020 11:06

Instrument :

MSVOA_N

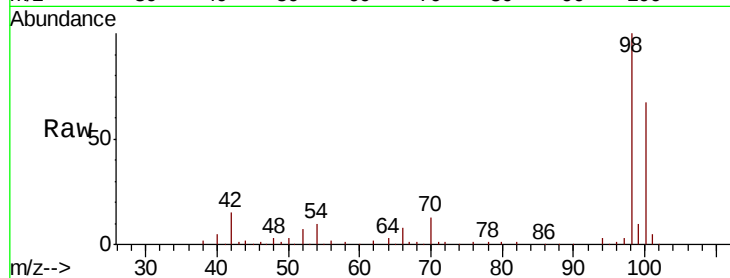
ClientSampleId :

Tot Ion: 98 Resp: 198403

Ion Ratio Lower Upper

98 100

100 66.3 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)

Ion 100.00 (99.70 to 100.70): VN061153.D (-2619) (-)

10.06

120000

100000

80000

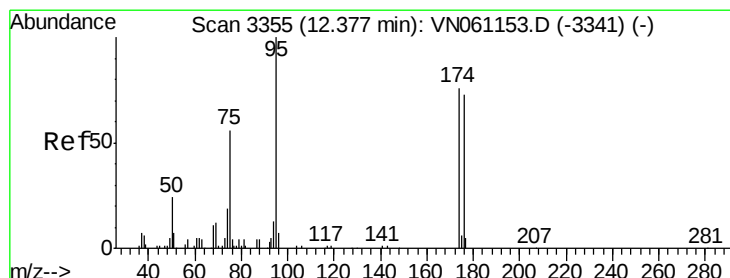
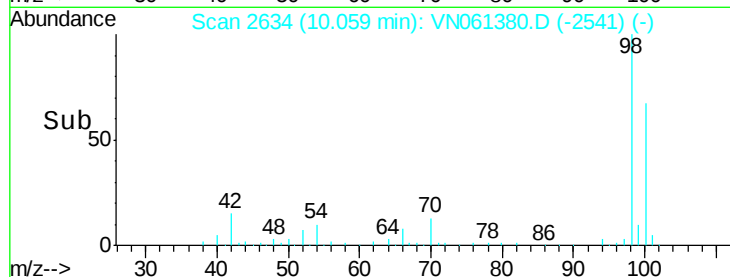
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.845 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061380.D

Acq: 11 May 2020 11:06

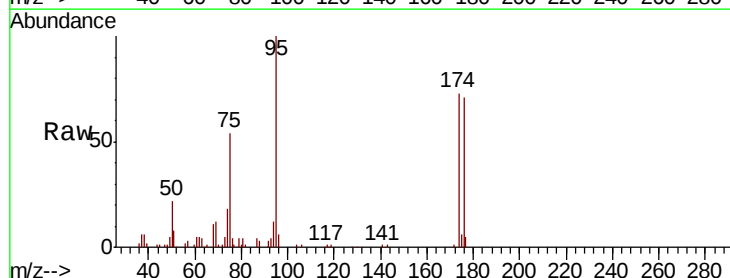
Tgt Ion: 95 Resp: 67195

Ion Ratio Lower Upper

95 100

174 72.9 0.0 149.4

176 71.0 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061153.D (-3341) (-)

Ion 173.80 (173.50 to 174.50): VN061153.D (-3341) (-)

Ion 175.80 (175.50 to 176.50): VN061153.D (-3341) (-)

12.38

50000

40000

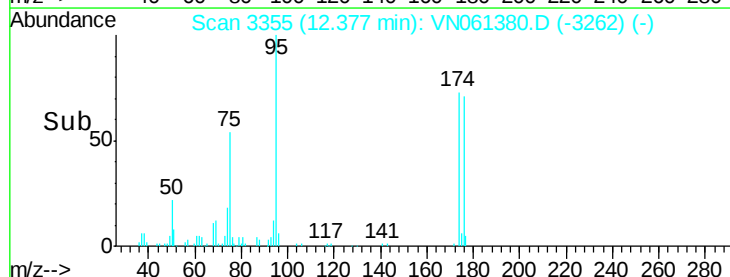
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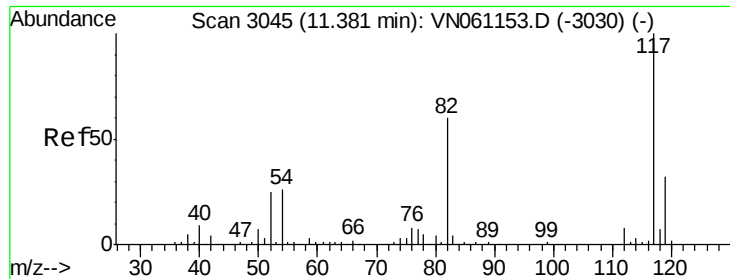
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0

Time-->

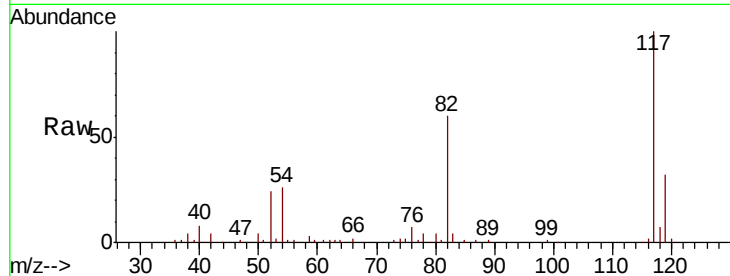




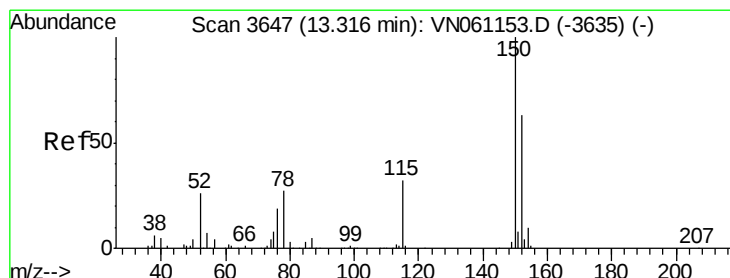
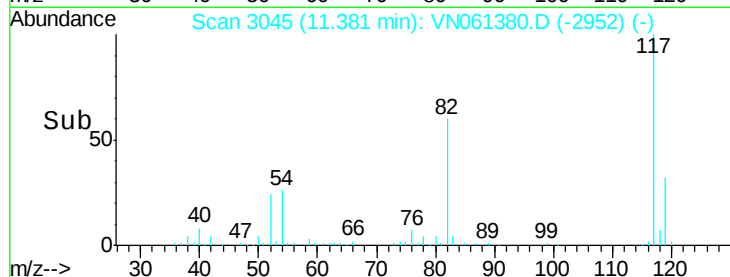
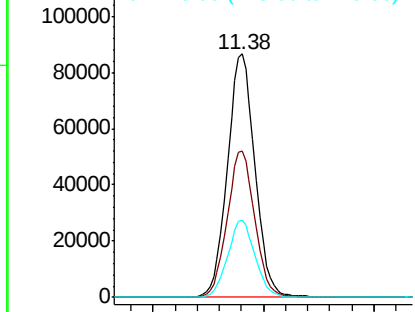
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061380.D
Acq: 11 May 2020 11:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 149686
Ion Ratio Lower Upper
117 100
82 60.1 47.8 71.8
119 31.7 25.8 38.6

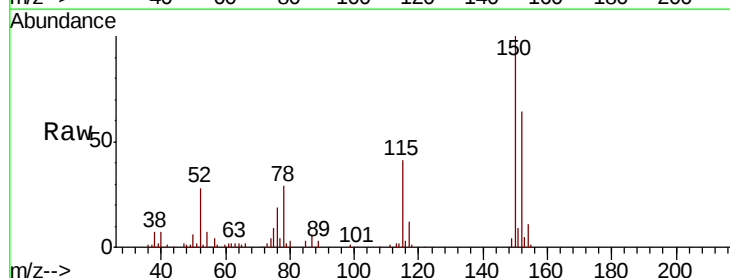


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

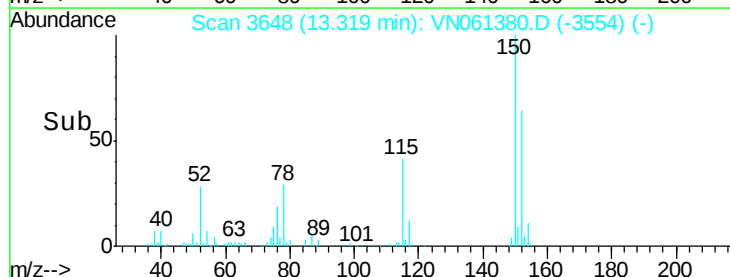
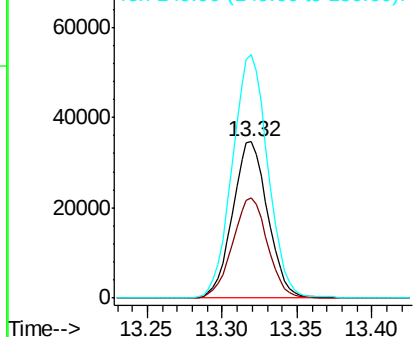


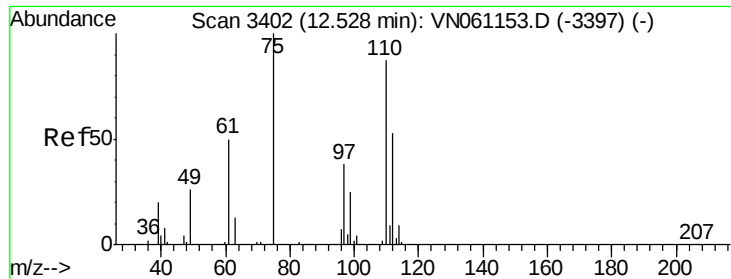
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061380.D
Acq: 11 May 2020 11:06

Tgt Ion:152 Resp: 56688
Ion Ratio Lower Upper
152 100
115 63.6 31.0 93.0
150 157.9 0.0 351.8



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





#76

1,2,3-Trichloropropane

Concen: 30.433 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061380.D

Acq: 11 May 2020 11:06

Instrument :

MSVOA_N

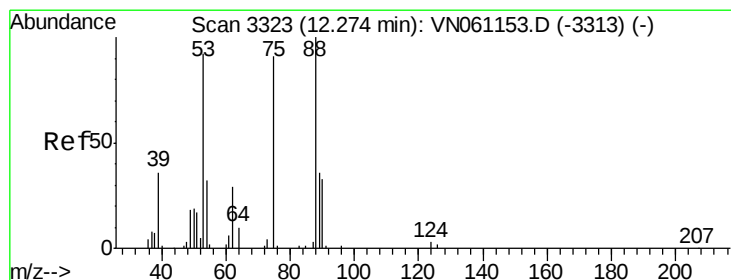
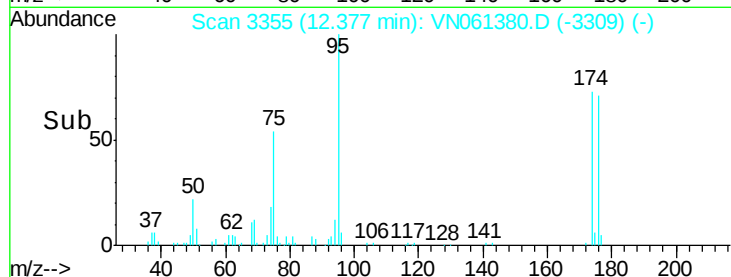
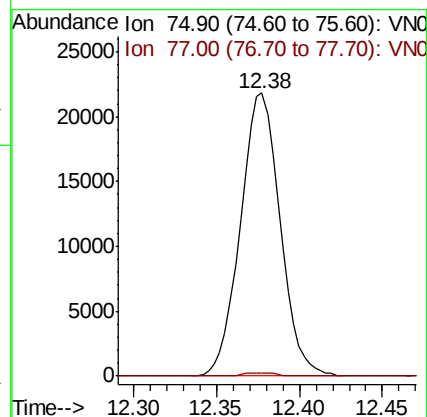
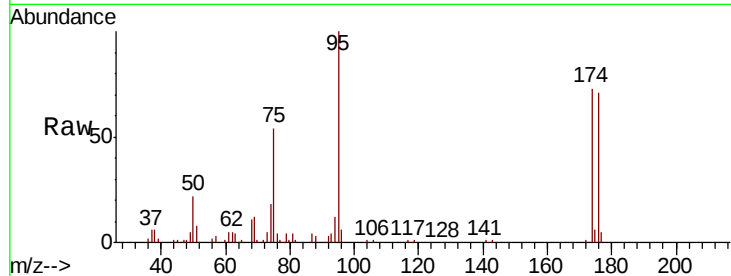
ClientSampleId :

Tot Ion: 75 Resp: 36371

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.283 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.10 min

Lab File: VN061380.D

Acq: 11 May 2020 11:06

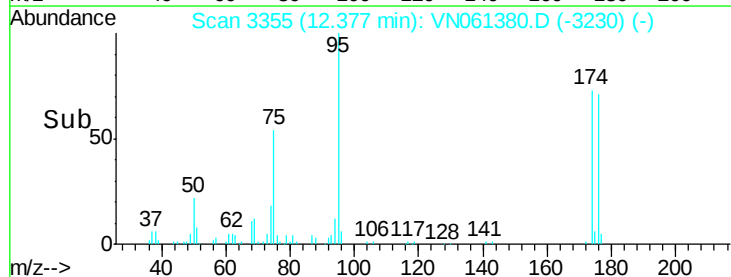
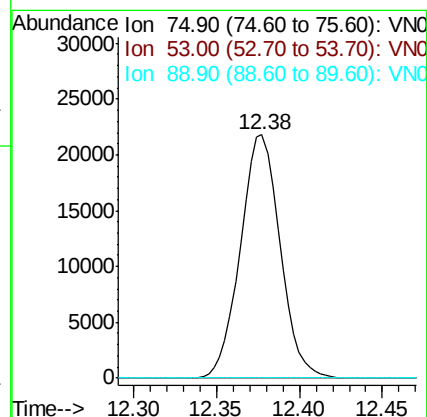
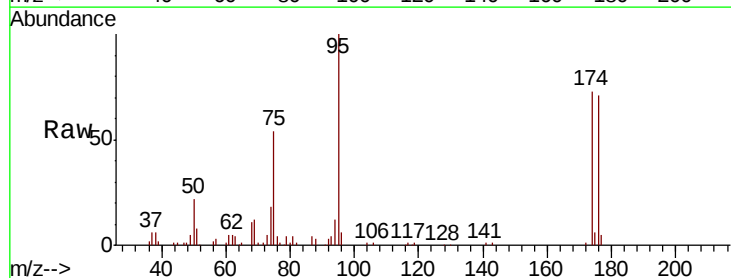
Tgt Ion: 75 Resp: 36371

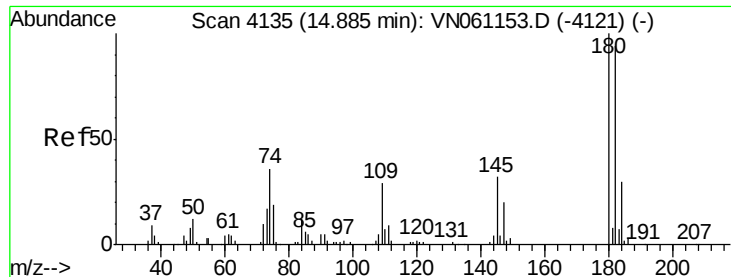
Ion Ratio Lower Upper

75 100

53 0.0 84.1 126.1#

89 0.0 35.2 52.8#

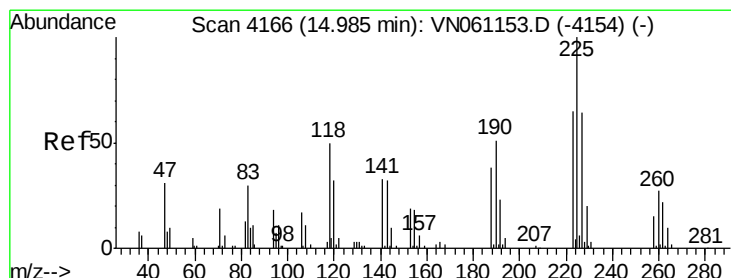
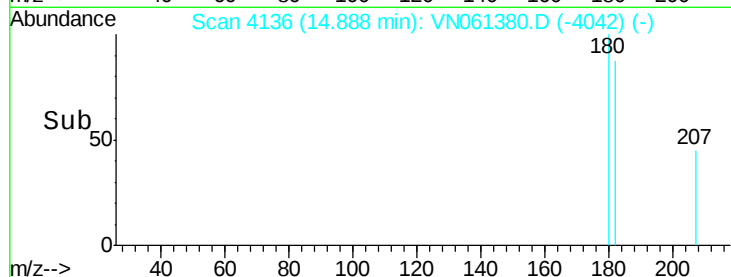
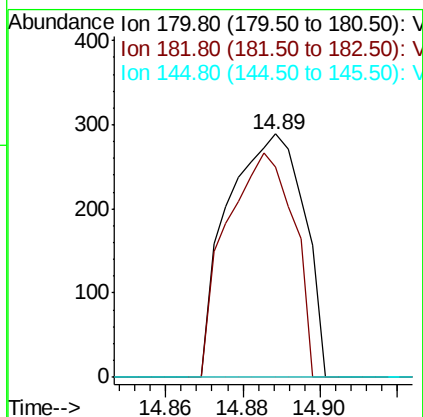
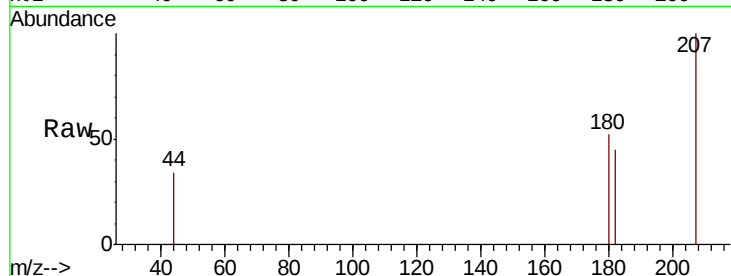




#93
 1,2,4-Trichlorobenzene
 Concen: 0.383 ug/l
 RT: 14.89 min Scan# 4136
 Delta R.T. 0.00 min
 Lab File: VN061380.D
 Acq: 11 May 2020 11:06

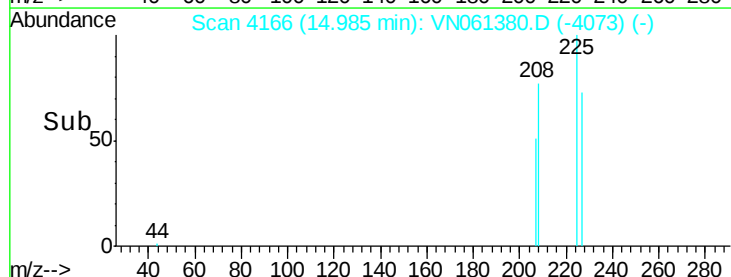
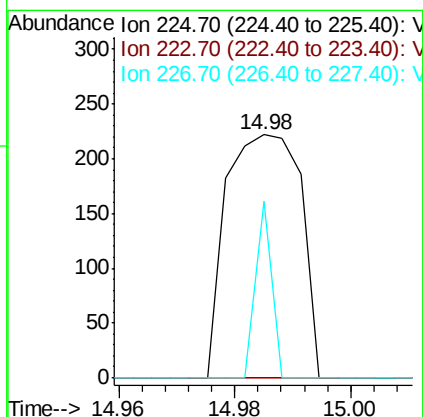
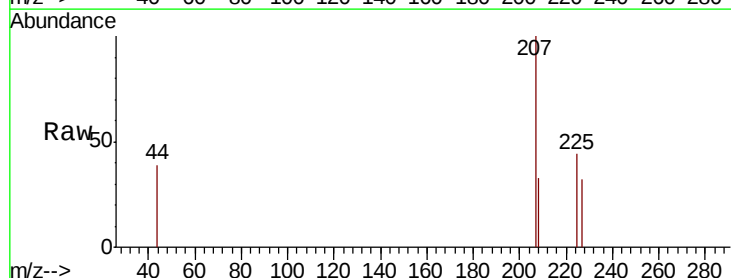
Instrument :
 MSVOA_N
 ClientSampled :

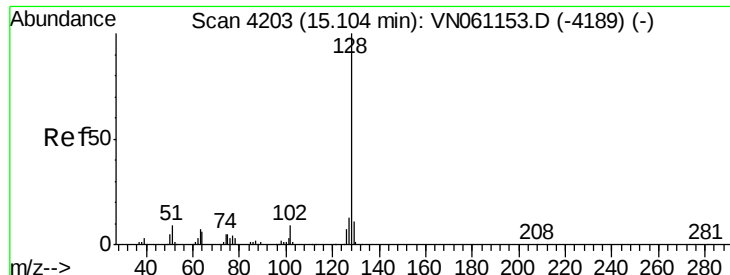
Tot Ion:180 Resp: 396
 Ion Ratio Lower Upper
 180 100
 182 81.1 47.3 141.9
 145 0.0 16.0 47.9#



#94
 Hexachlorobutadiene
 Concen: 0.456 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061380.D
 Acq: 11 May 2020 11:06

Tgt Ion:225 Resp: 197
 Ion Ratio Lower Upper
 225 100
 223 0.0 32.4 97.0#
 227 15.7 32.4 97.0#

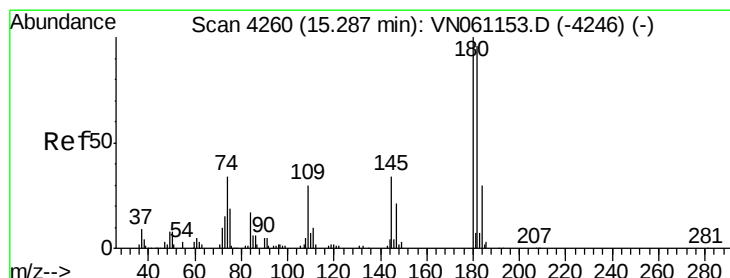
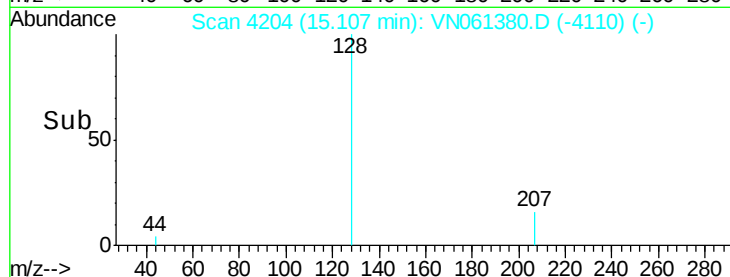
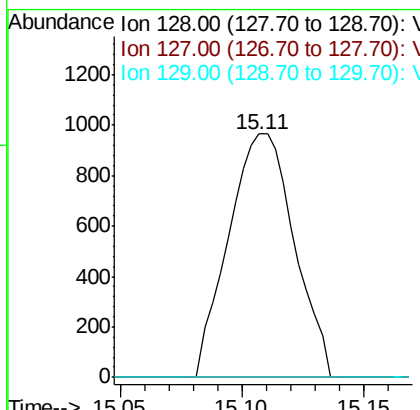
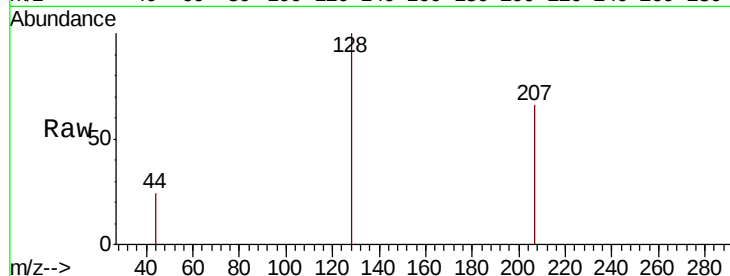




#95
Naphthalene
Concen: 0.535 ug/l
RT: 15.11 min Scan# 4204
Delta R.T. 0.00 min
Lab File: VN061380.D
Acq: 11 May 2020 11:06

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 1800
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.360 ug/l
RT: 15.28 min Scan# 4258
Delta R.T. -0.01 min
Lab File: VN061380.D
Acq: 11 May 2020 11:06

Tgt Ion:180 Resp: 368
Ion Ratio Lower Upper
180 100
182 120.1 47.5 142.5
145 24.5 16.9 50.7

