

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042920\
 Data File : VN061190.D
 Acq On : 29 Apr 2020 14:14
 Operator : JC/MD
 Sample : L2415-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 29 15:16:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	90423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	162602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	158613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	69880	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	74618	52.15	ug/l	0.00
Spiked Amount			Recovery	=	104.30%	
35) Dibromofluoromethane	7.55	113	51362	53.42	ug/l	0.00
Spiked Amount			Recovery	=	106.84%	
50) Toluene-d8	10.06	98	204909	52.28	ug/l	0.00
Spiked Amount			Recovery	=	104.56%	
62) 4-Bromofluorobenzene	12.38	95	76200	51.66	ug/l	0.00
Spiked Amount			Recovery	=	103.32%	

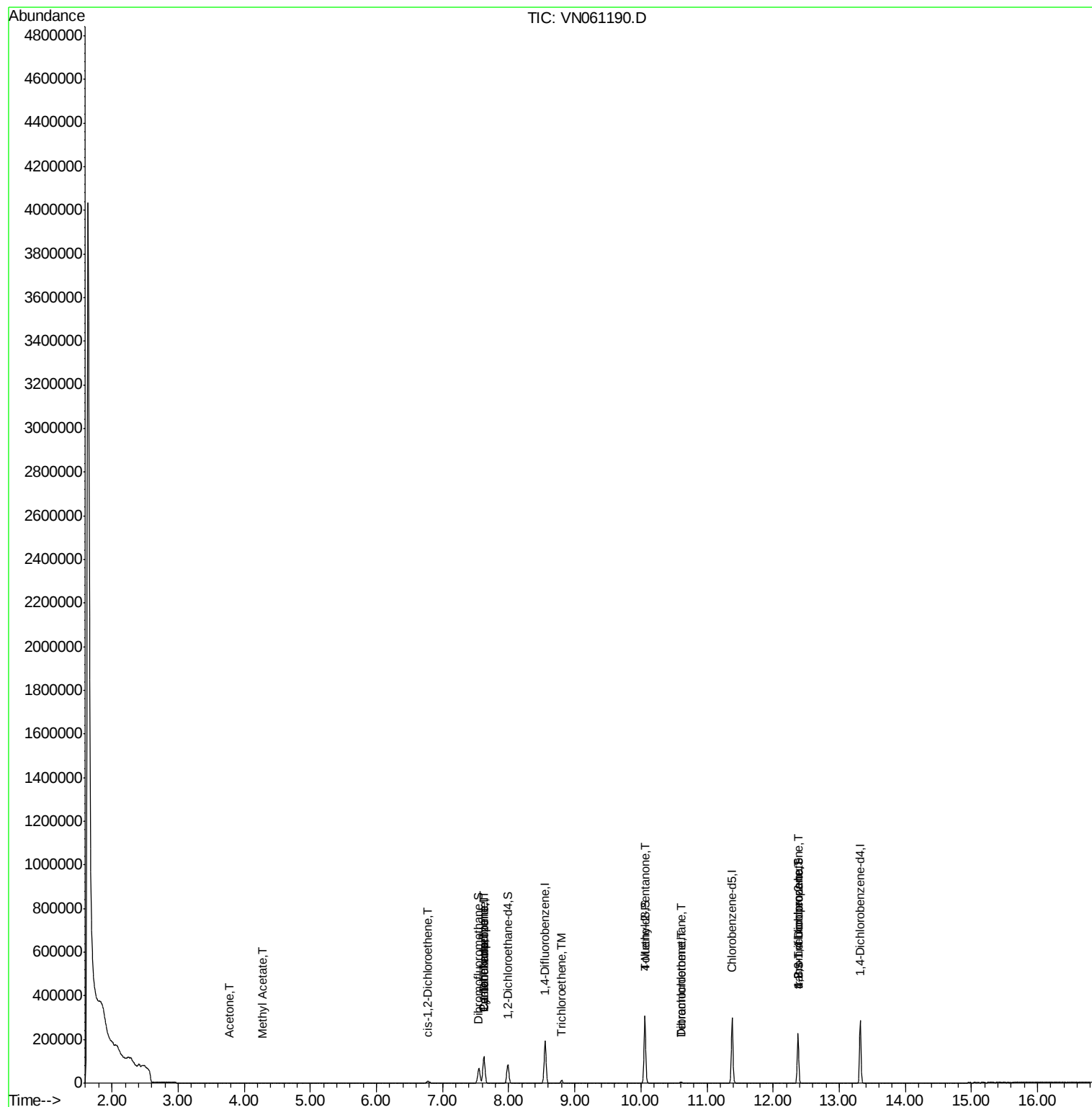
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	3365	0.569	ug/l	91
18) Methyl Acetate	4.28	43	59	0.711	ug/l #	55
27) cis-1,2-Dichloroethene	6.78	96	5322	4.365	ug/l	90
31) Cyclohexane	7.63	56	2356	1.132	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	8224	5.052	ug/l #	49
38) Carbon Tetrachloride	7.63	117	9724	8.535	ug/l #	16
44) Trichloroethene	8.80	130	4383	3.343	ug/l	100
51) 4-Methyl-2-Pentanone	10.06	43	1137	0.610	ug/l #	1
60) Dibromochloromethane	10.60	129	1406	1.152	ug/l #	10
64) Tetrachloroethene	10.61	164	1423	1.036	ug/l	99
76) 1,2,3-Trichloropropane	12.37	75	42699	28.983	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	42699	73.601	ug/l #	8

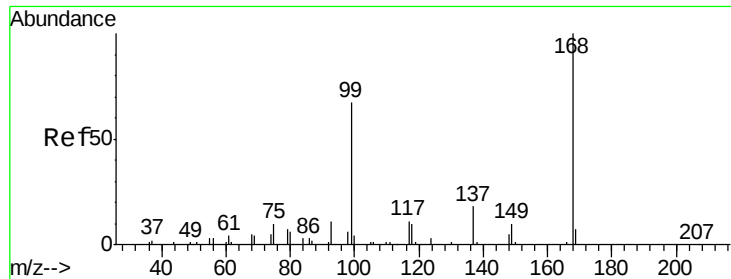
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042920\
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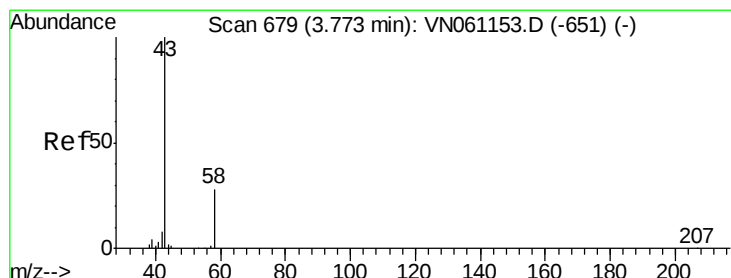
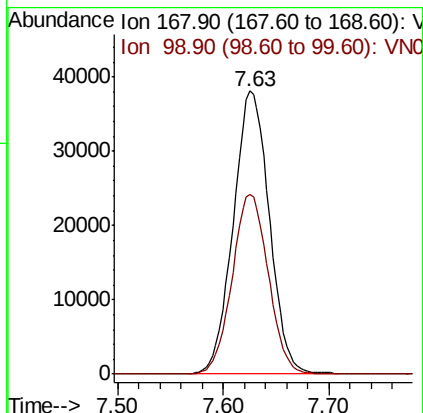
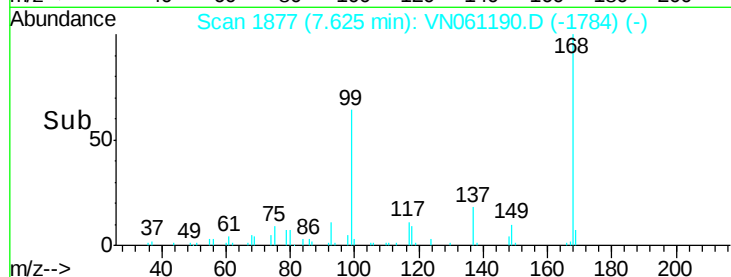
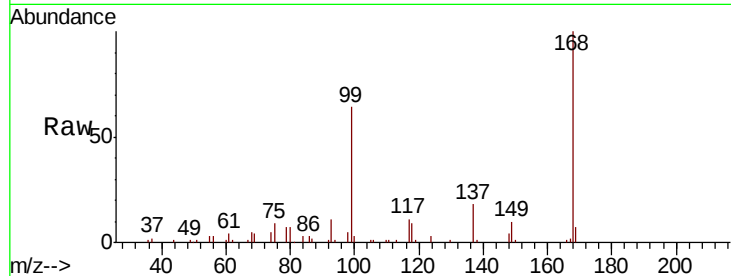




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VN061190.D
Acq: 29 Apr 2020 14:14

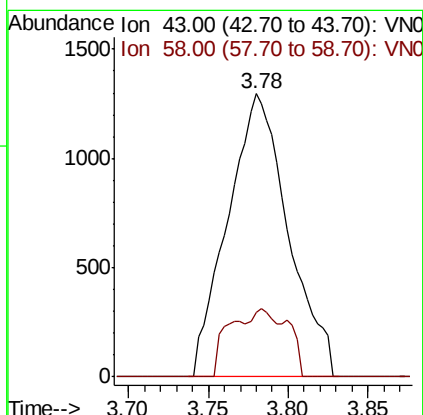
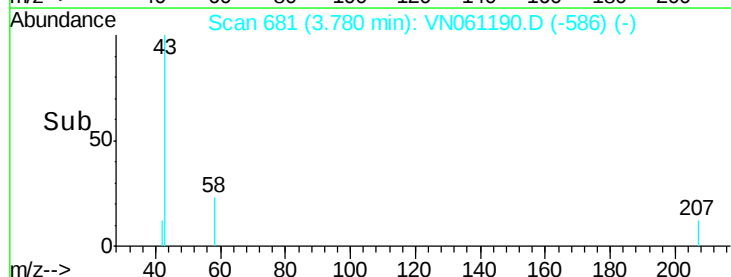
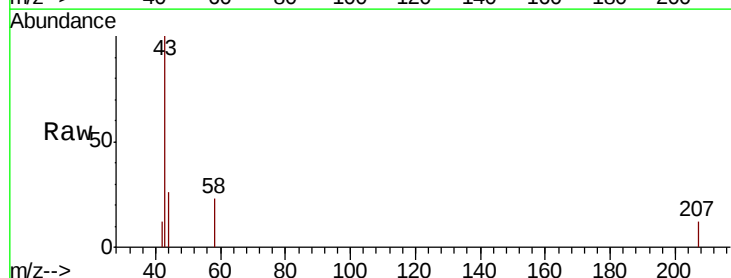
Instrument :
MSVOA_N
ClientSampleId :

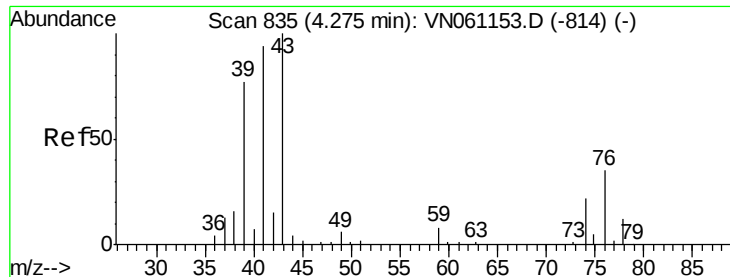
Tot Ion:168 Resp: 90423
Ion Ratio Lower Upper
168 100
99 63.6 51.2 76.8



#16
Acetone
Concen: 0.569 ug/l
RT: 3.78 min Scan# 681
Delta R.T. 0.01 min
Lab File: VN061190.D
Acq: 29 Apr 2020 14:14

Tgt Ion: 43 Resp: 3365
Ion Ratio Lower Upper
43 100
58 22.8 22.2 33.2

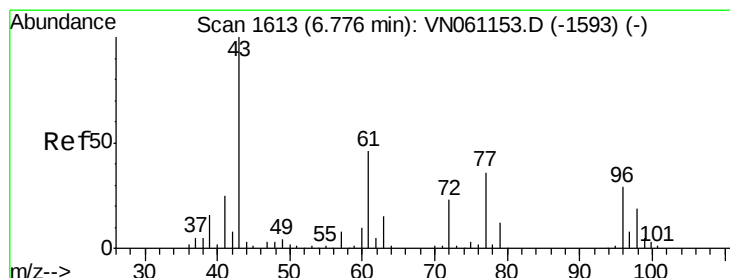
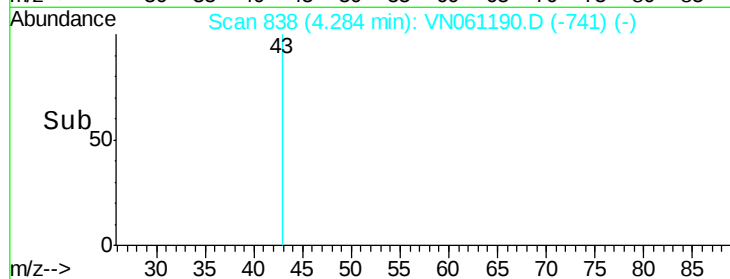
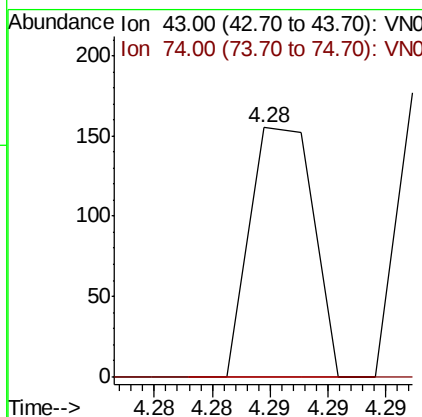
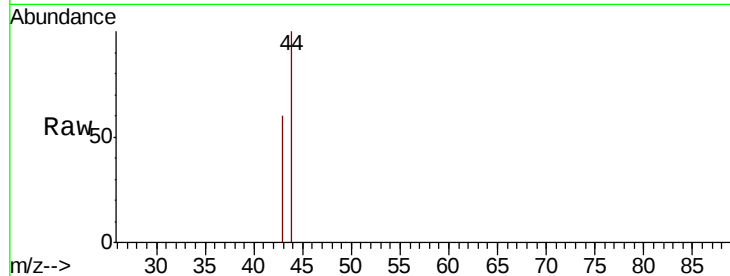




#18
Methyl Acetate
Concen: 0.711 ug/l
RT: 4.28 min Scan# 838
Delta R.T. 0.01 min
Lab File: VN061190.D
Acq: 29 Apr 2020 14:14

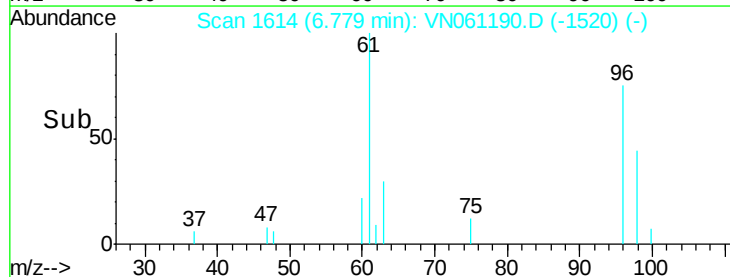
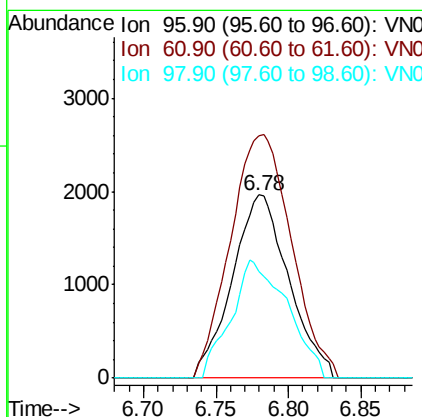
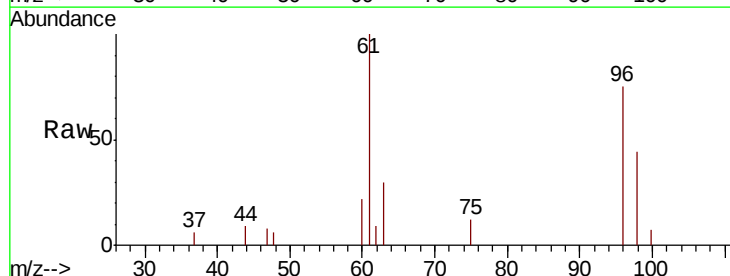
Instrument :
MSVOA_N
ClientSampled :

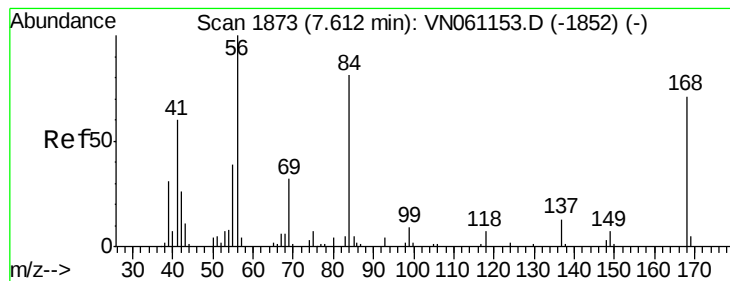
Tot Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#27
cis-1,2-Dichloroethene
Concen: 4.365 ug/l
RT: 6.78 min Scan# 1614
Delta R.T. 0.00 min
Lab File: VN061190.D
Acq: 29 Apr 2020 14:14

Tgt Ion: 96 Resp: 5322
Ion Ratio Lower Upper
96 100
61 143.4 0.0 322.0
98 63.9 0.0 129.6





#31

Cyclohexane

Concen: 1.132 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VN061190.D

Acq: 29 Apr 2020 14:14

Instrument :

MSVOA_N

ClientSampled :

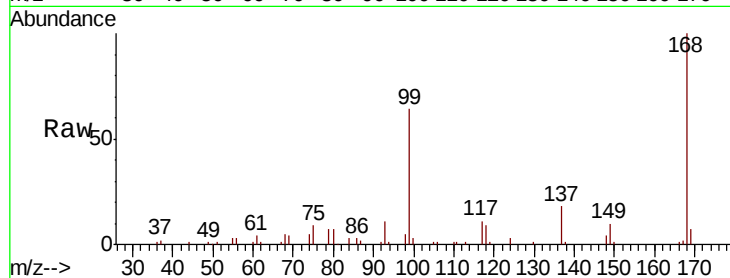
Tot Ion: 56 Resp: 2356

Ion Ratio Lower Upper

56 100

69 166.1 25.7 38.5#

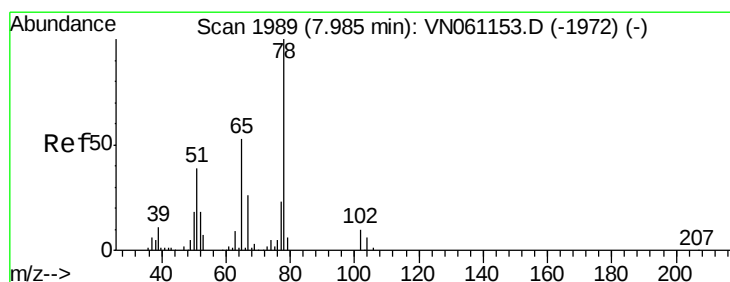
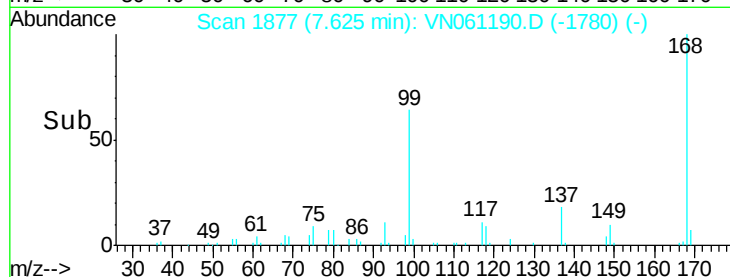
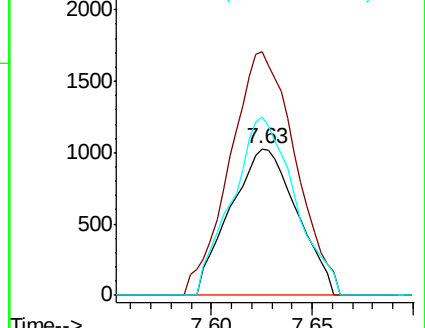
84 121.2 64.6 97.0#



Abundance Ion 56.00 (55.70 to 56.70): VN061190.D (-1780) (-)

Ion 69.00 (68.70 to 69.70): VN061190.D (-1780) (-)

Ion 84.00 (83.70 to 84.70): VN061190.D (-1780) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.152 ug/l

RT: 7.99 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN061190.D

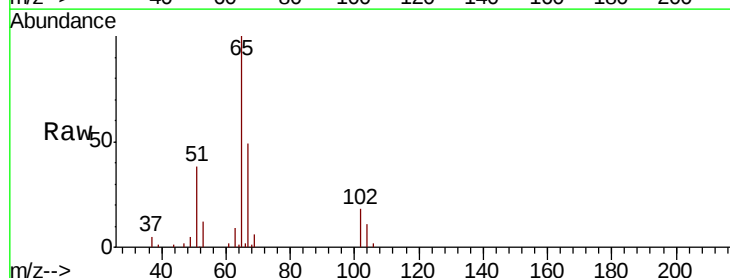
Acq: 29 Apr 2020 14:14

Tgt Ion: 65 Resp: 74618

Ion Ratio Lower Upper

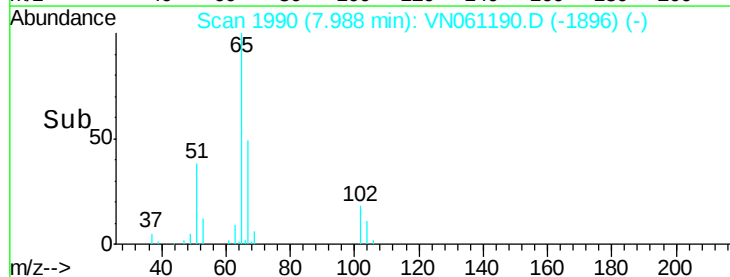
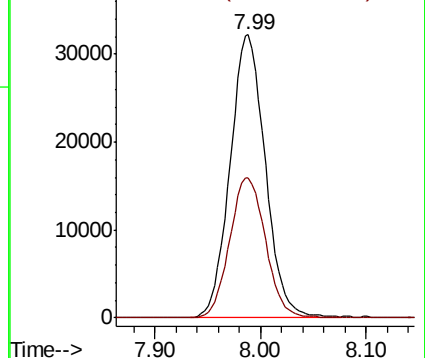
65 100

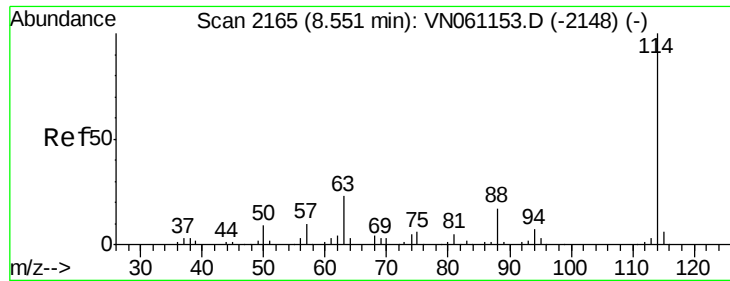
67 50.3 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN061190.D (-1896) (-)

Ion 66.90 (66.60 to 67.60): VN061190.D (-1896) (-)

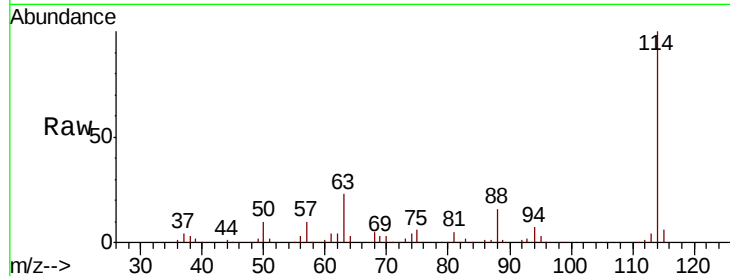




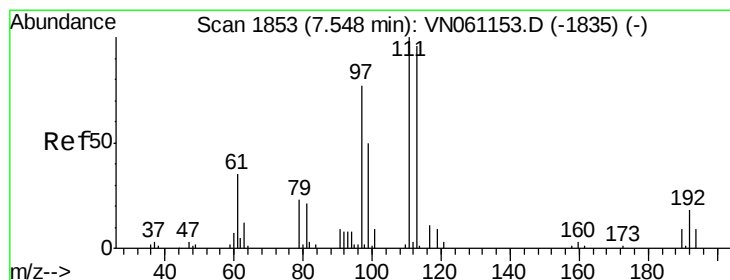
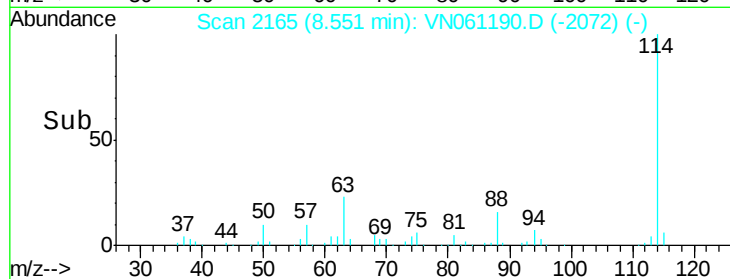
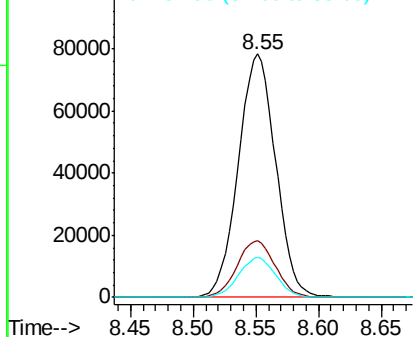
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VN061190.D
Acq: 29 Apr 2020 14:14

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:114 Resp: 162602
Ion Ratio Lower Upper
114 100
63 23.1 0.0 46.6
88 16.3 0.0 33.4

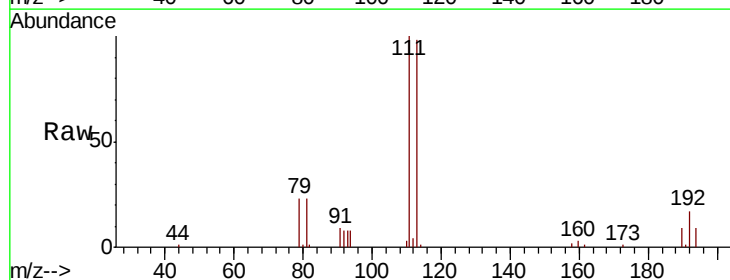


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

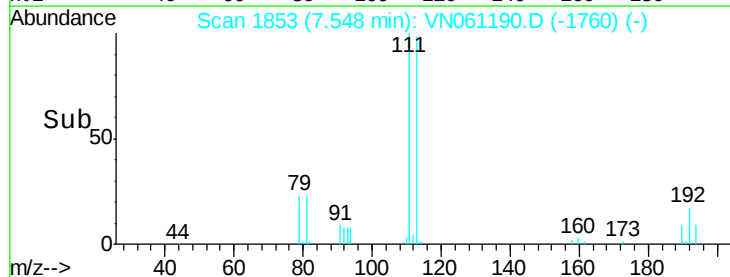
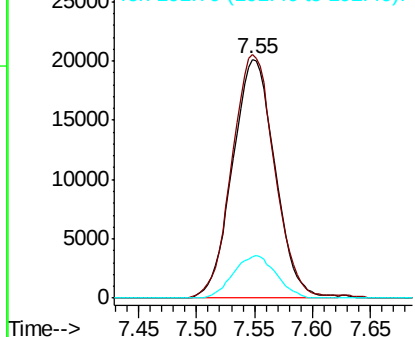


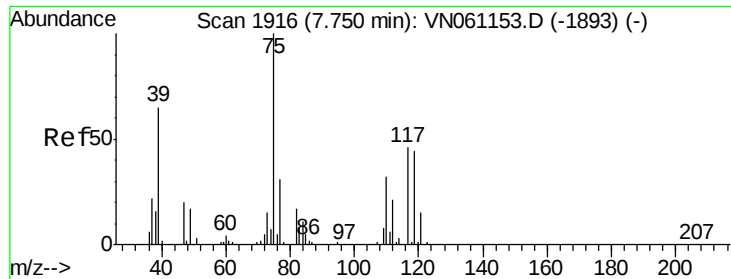
#35
Dibromofluoromethane
Concen: 53.418 ug/l
RT: 7.55 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN061190.D
Acq: 29 Apr 2020 14:14

Tgt Ion:113 Resp: 51362
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 17.8 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

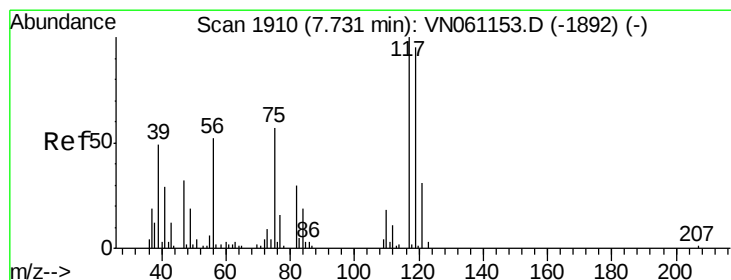
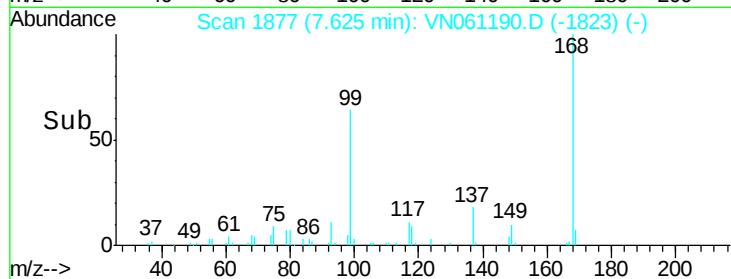
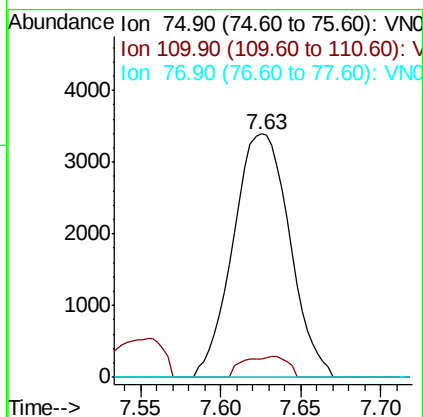
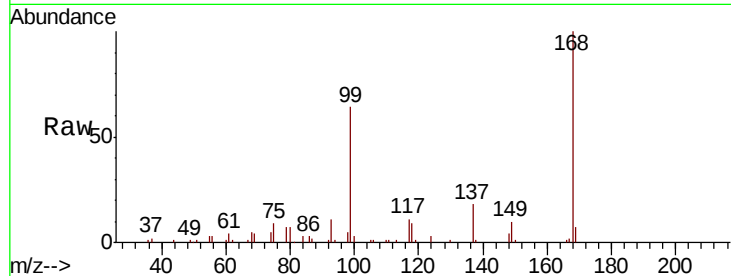




#36
 1,1-Dichloropropene
 Concen: 5.052 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061190.D
 Acq: 29 Apr 2020 14:14

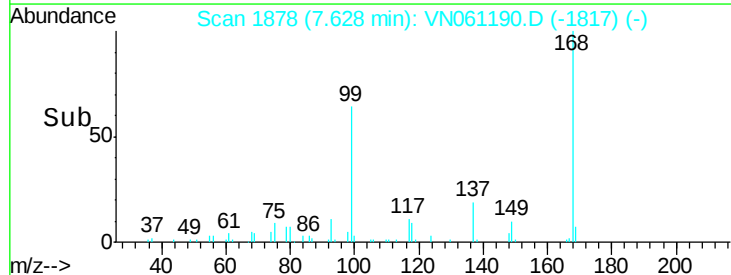
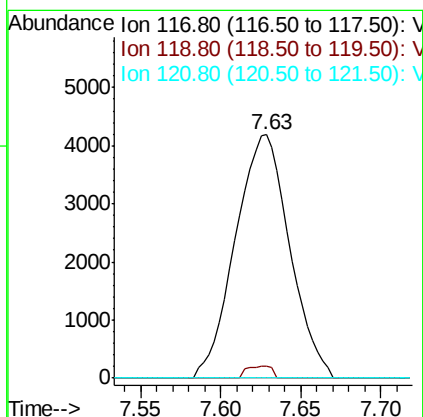
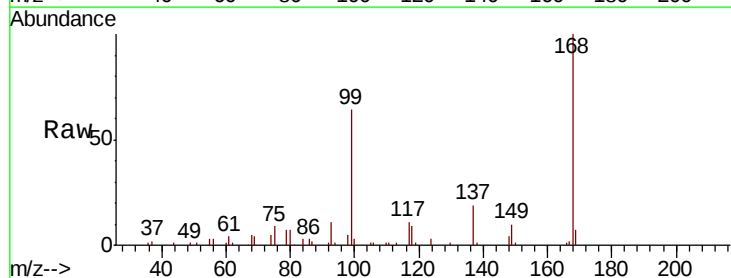
Instrument :
 MSVOA_N
 ClientSampleId :

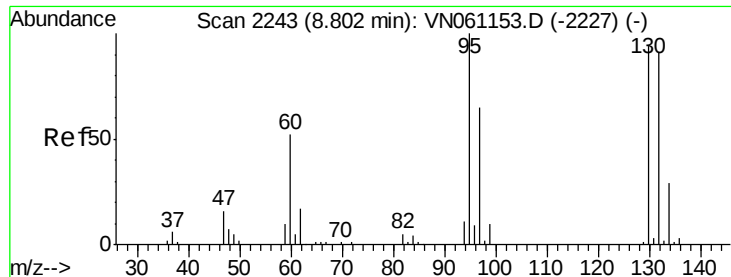
Tot Ion	Ratio	Lower	Upper
75	100		
110	6.7	16.0	48.0#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 8.535 ug/l
 RT: 7.63 min Scan# 1878
 Delta R.T. -0.10 min
 Lab File: VN061190.D
 Acq: 29 Apr 2020 14:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.8	113.6#
121	0.0	24.7	37.1#





#44

Trichloroethene

Concen: 3.343 ug/l

RT: 8.80 min Scan# 2243

Delta R.T. 0.00 min

Lab File: VN061190.D

Acq: 29 Apr 2020 14:14

Instrument :

MSVOA_N

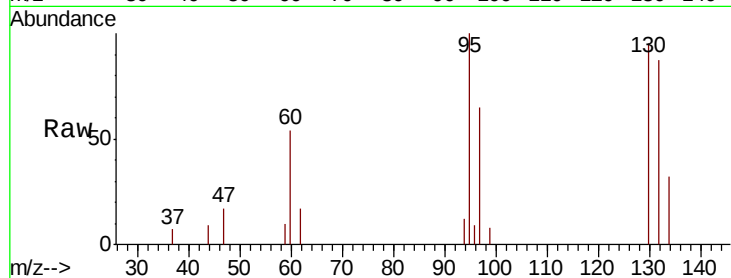
ClientSampleId :

Tot Ion:130 Resp: 4383

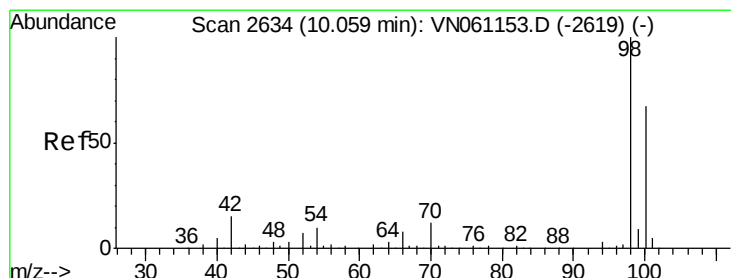
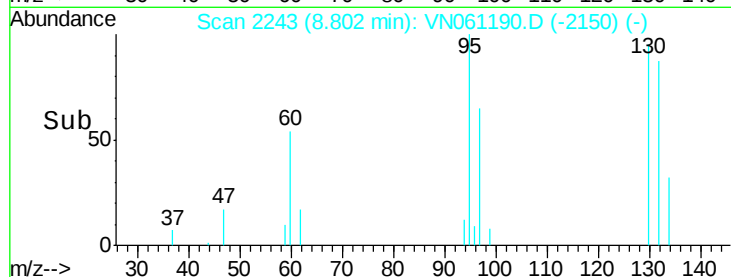
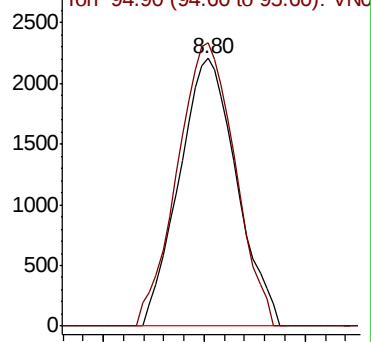
Ion Ratio Lower Upper

130 100

95 105.8 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061190.D (-2150) (-)



#50

Toluene-d8

Concen: 52.278 ug/l

RT: 10.06 min Scan# 2635

Delta R.T. 0.00 min

Lab File: VN061190.D

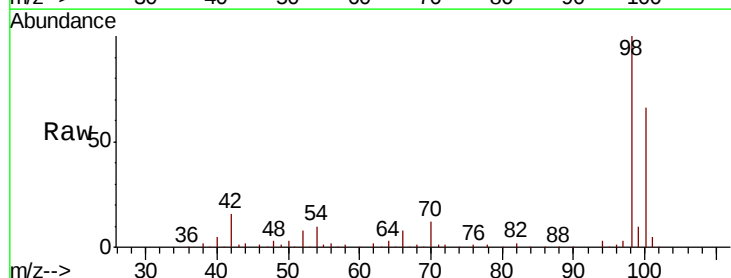
Acq: 29 Apr 2020 14:14

Tgt Ion: 98 Resp: 204909

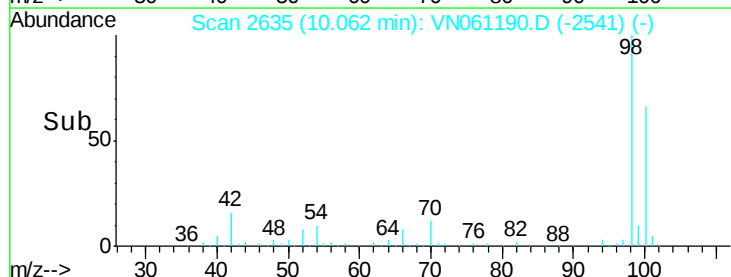
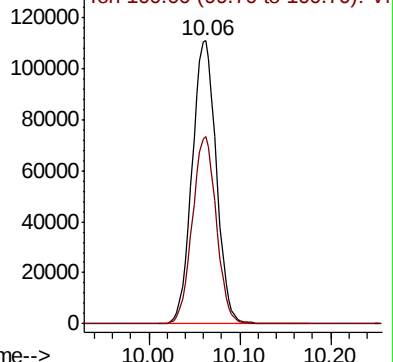
Ion Ratio Lower Upper

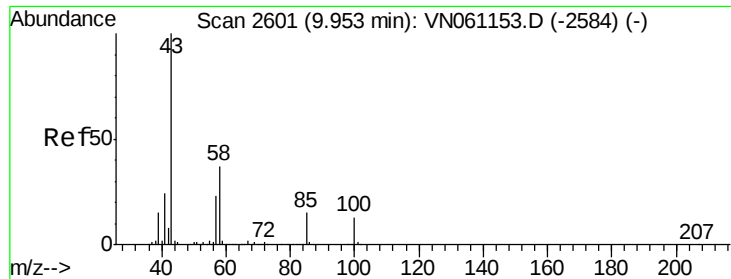
98 100

100 65.7 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061190.D (-2541) (-)

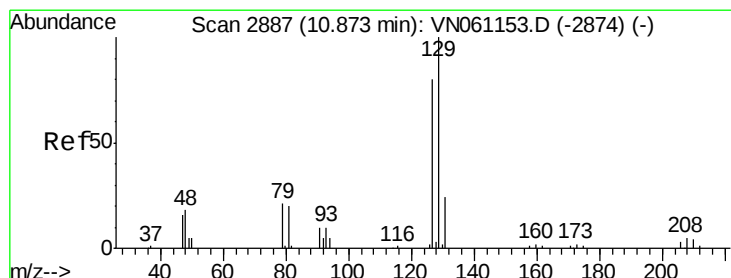
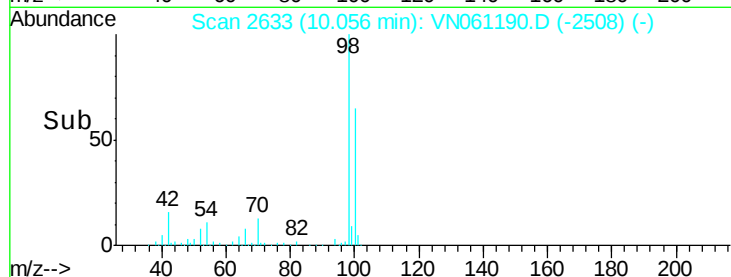
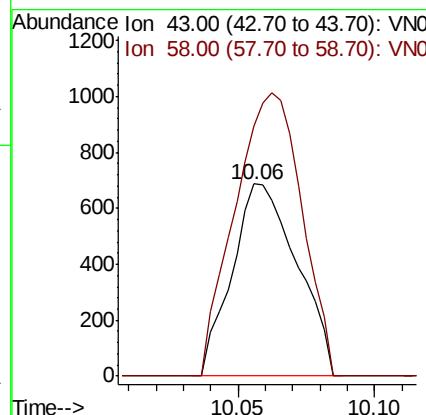
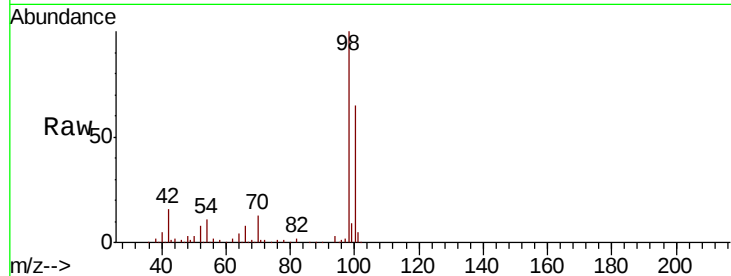




#51
 4-Methyl-2-Pentanone
 Concen: 0.610 ug/l
 RT: 10.06 min Scan# 2633
 Delta R.T. 0.10 min
 Lab File: VN061190.D
 Acq: 29 Apr 2020 14:14

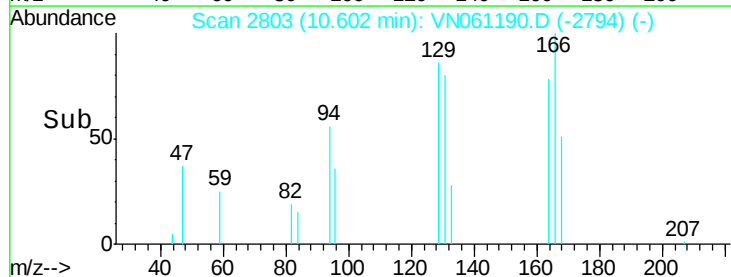
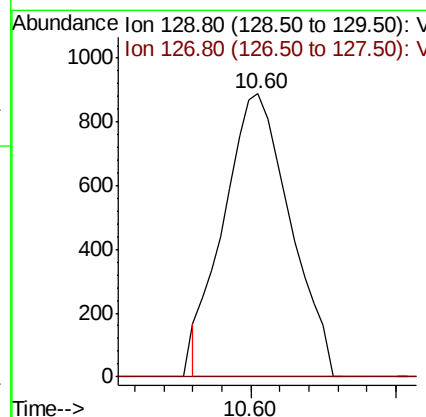
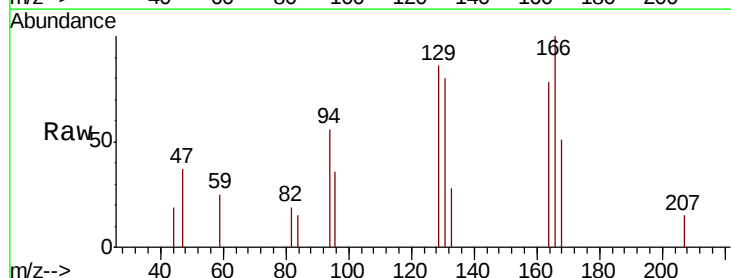
Instrument :
 MSVOA_N
 ClientSampled :

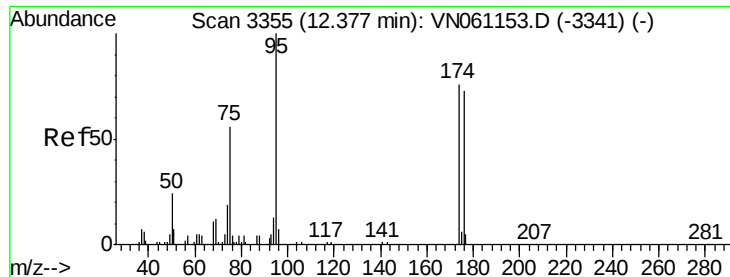
Tot Ion: 43 Resp: 1137
 Ion Ratio Lower Upper
 43 100
 58 151.5 29.1 43.7#



#60
 Dibromochloromethane
 Concen: 1.152 ug/l
 RT: 10.60 min Scan# 2803
 Delta R.T. -0.27 min
 Lab File: VN061190.D
 Acq: 29 Apr 2020 14:14

Tgt Ion: 129 Resp: 1406
 Ion Ratio Lower Upper
 129 100
 127 0.0 39.3 117.8#

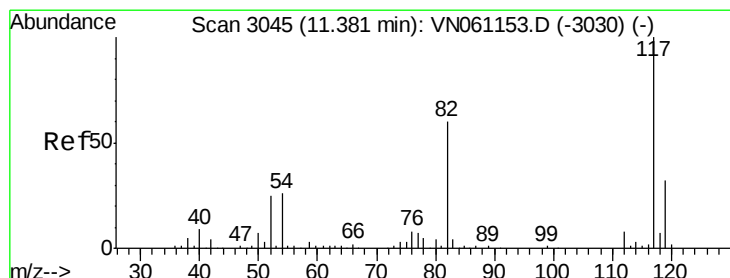
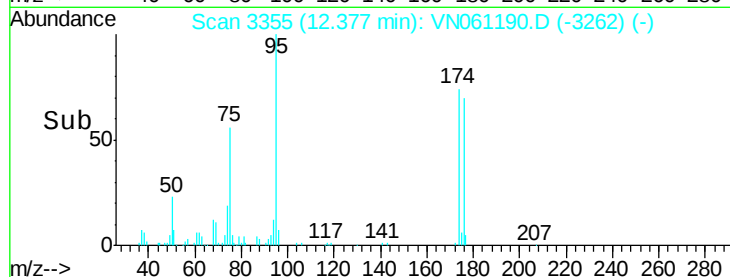
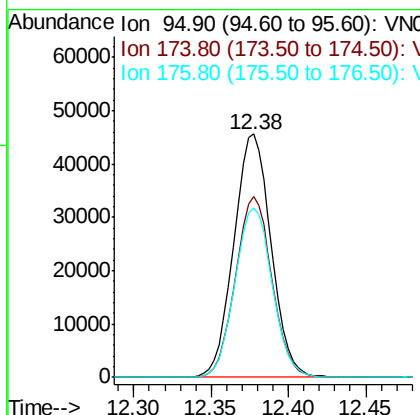
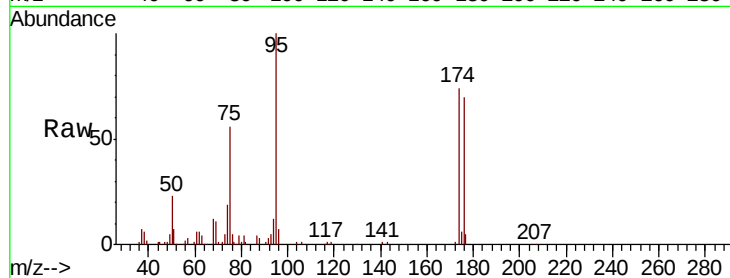




#62
 4-Bromofluorobenzene
 Concen: 51.661 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061190.D
 Acq: 29 Apr 2020 14:14

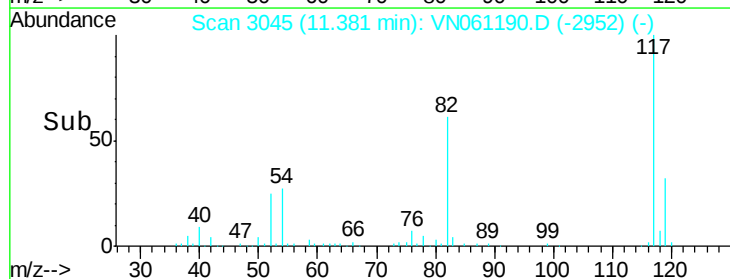
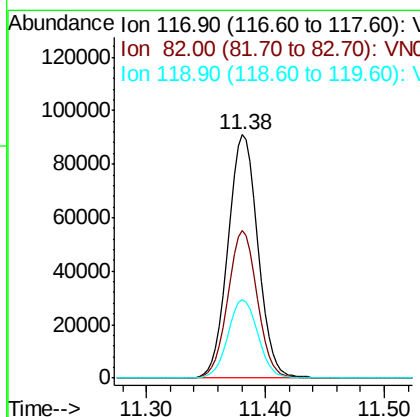
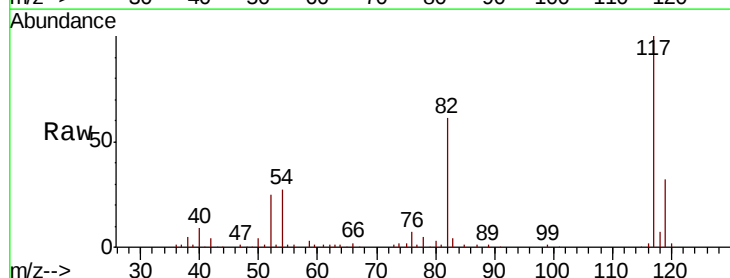
Instrument :
 MSVOA_N
 ClientSampleId :

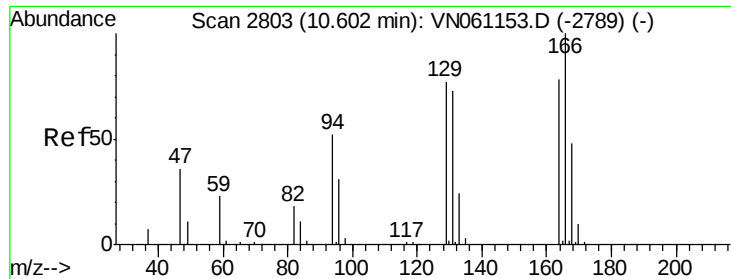
Tot Ion	95	Resp	76200
Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	149.4
176	69.8	0.0	144.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 3045
 Delta R.T. 0.00 min
 Lab File: VN061190.D
 Acq: 29 Apr 2020 14:14

Tgt Ion	117	Resp	158613
Ion	Ratio	Lower	Upper
117	100		
82	60.9	47.8	71.8
119	32.3	25.8	38.6

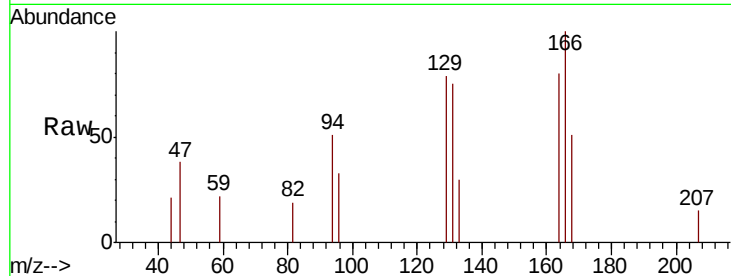




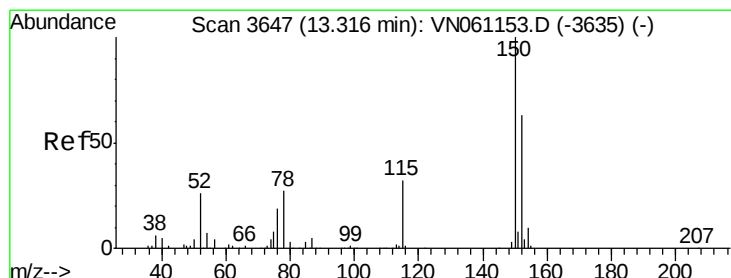
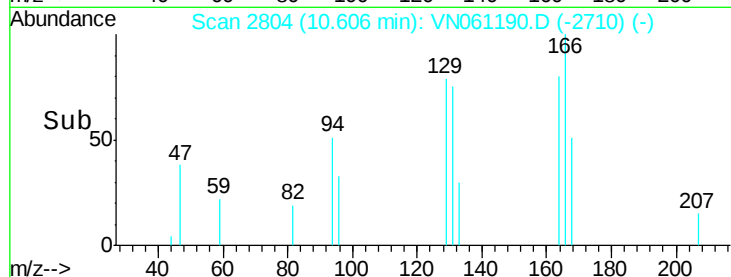
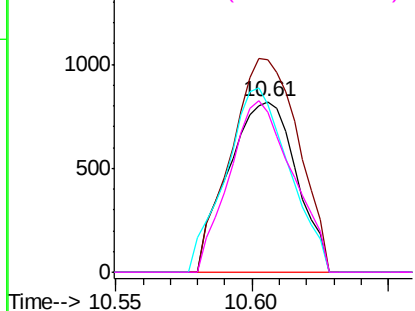
#64
Tetrachloroethene
Concen: 1.036 ug/l
RT: 10.61 min Scan# 2804
Delta R.T. 0.00 min
Lab File: VN061190.D
Acq: 29 Apr 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:164 Resp: 1423
Ion Ratio Lower Upper
164 100
166 124.8 102.0 153.0
129 98.4 78.2 117.2
131 94.0 74.5 111.7

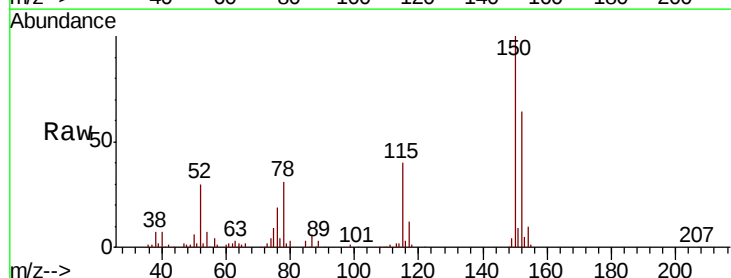


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

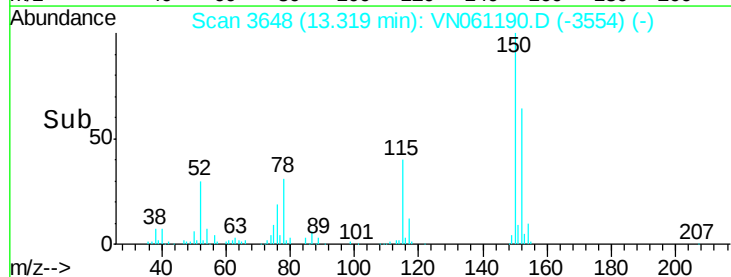
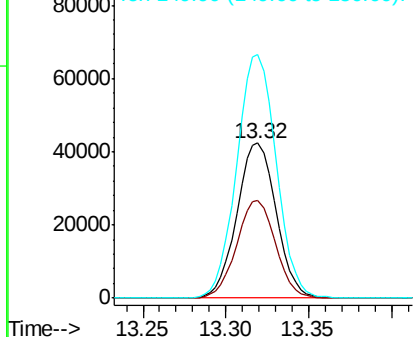


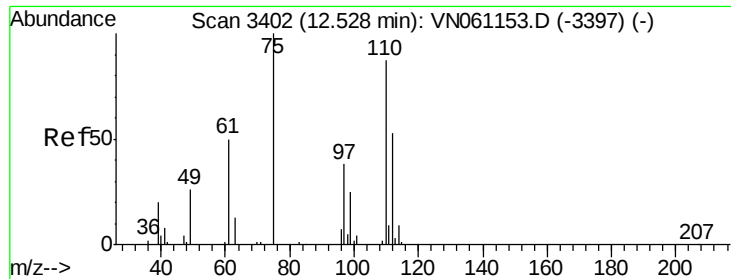
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061190.D
Acq: 29 Apr 2020 14:14

Tgt Ion:152 Resp: 69880
Ion Ratio Lower Upper
152 100
115 62.2 31.0 93.0
150 158.6 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: 28.983 ug/l

RT: 12.37 min Scan# 3354

Delta R.T. -0.15 min

Lab File: VN061190.D

Acq: 29 Apr 2020 14:14

Instrument :

MSVOA_N

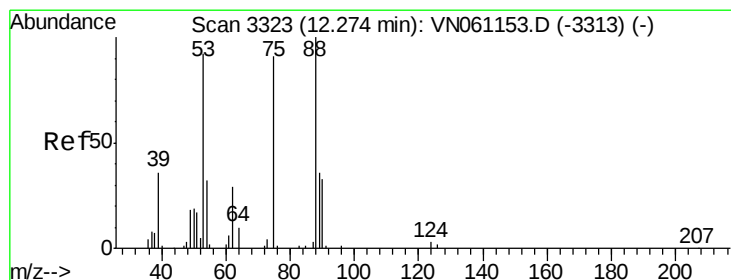
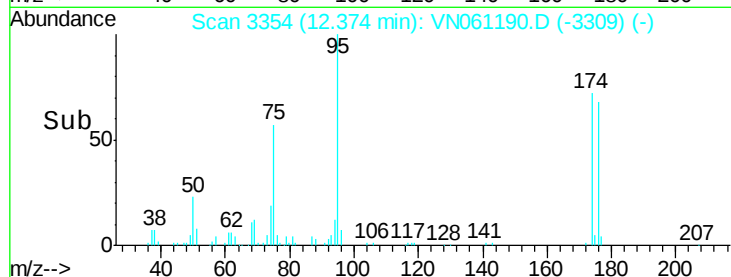
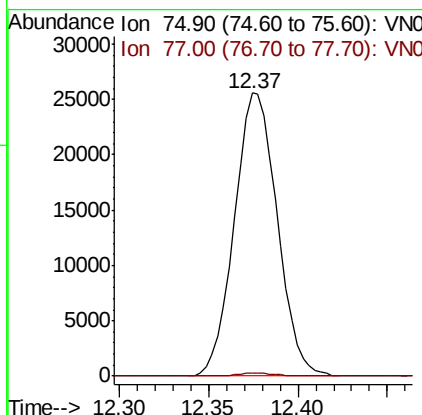
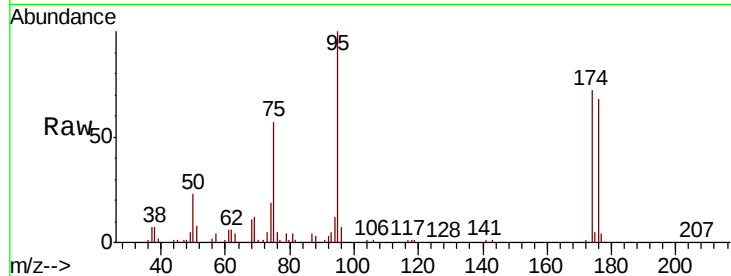
ClientSampleId :

Tot Ion: 75 Resp: 42699

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.601 ug/l

RT: 12.37 min Scan# 3354

Delta R.T. 0.10 min

Lab File: VN061190.D

Acq: 29 Apr 2020 14:14

Tgt Ion: 75 Resp: 42699

Ion Ratio Lower Upper

75 100

53 0.0 84.1 126.1#

89 0.0 35.2 52.8#

