

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
 Data File : VN061342.D
 Acq On : 7 May 2020 18:25
 Operator : JC/MD
 Sample : L2548-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 08 02:56:21 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	7.63	168	88612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	160988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	157751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	66949	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	77185	55.05	ug/l	0.00
Spiked Amount			Recovery	=	110.10%	
35) Dibromofluoromethane	7.55	113	50587	53.14	ug/l	0.00
Spiked Amount			Recovery	=	106.28%	
50) Toluene-d8	10.06	98	203353	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.38	95	72852	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	

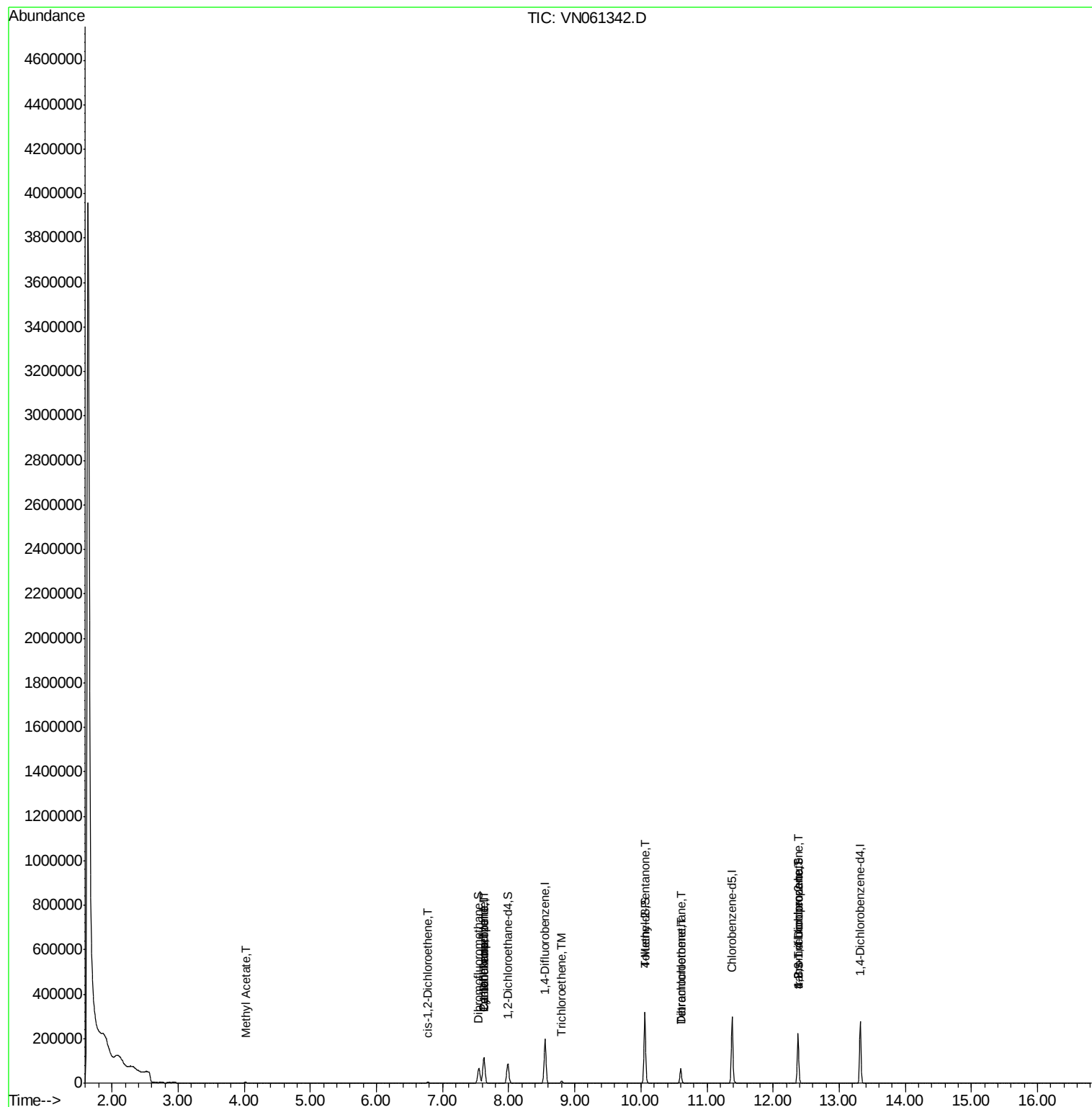
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	1308	Below Cal	#	47
18) Methyl Acetate	4.02	43	1449	1.487	ug/l #	55
27) cis-1,2-Dichloroethene	6.78	96	2026	1.696	ug/l #	85
31) Cyclohexane	7.62	56	2282	1.119	ug/l #	2
36) 1,1-Dichloropropene	7.63	75	8212	5.096	ug/l #	51
38) Carbon Tetrachloride	7.63	117	9667	8.560	ug/l #	17
44) Trichloroethene	8.80	130	3443	2.653	ug/l	99
51) 4-Methyl-2-Pentanone	10.06	43	1074	0.582	ug/l #	1
60) Dibromochloromethane	10.60	129	13712	11.350	ug/l #	10
64) Tetrachloroethene	10.60	164	14647	10.720	ug/l	98
76) 1,2,3-Trichloropropane	12.38	75	42173	29.879	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	42173	75.877	ug/l #	8

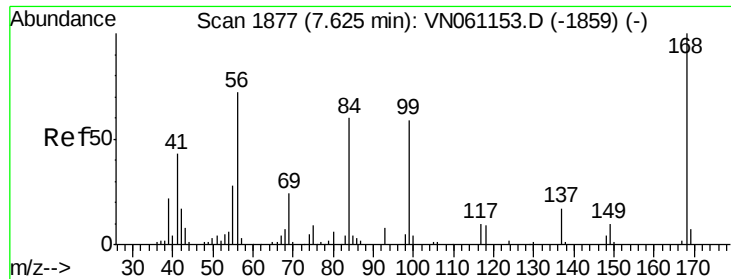
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050720\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061342.D

Acq: 7 May 2020 18:25

Instrument :

MSVOA_N

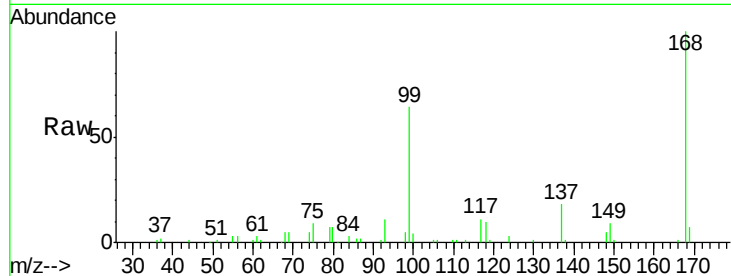
ClientSampled :

Tot Ion:168 Resp: 88612

Ion Ratio Lower Upper

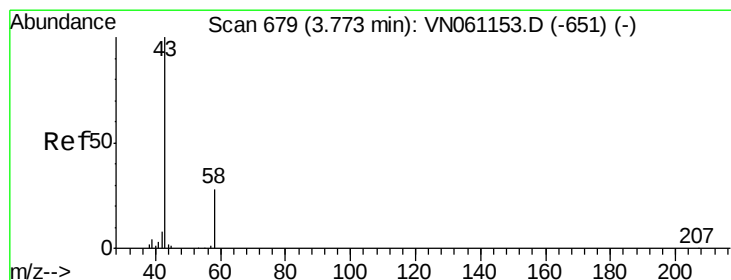
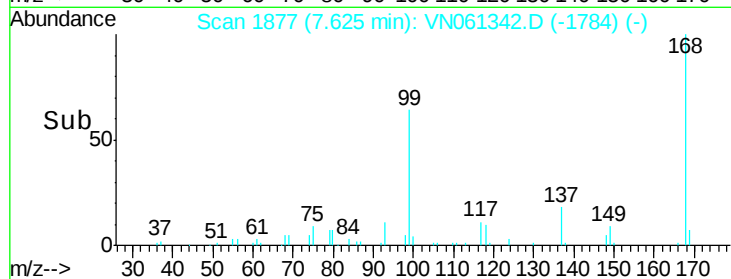
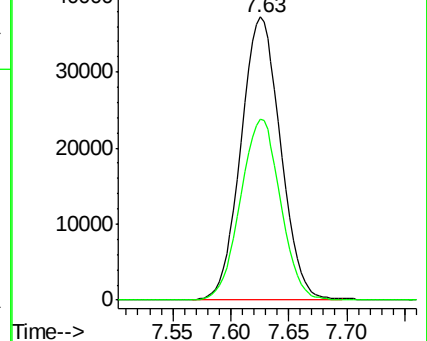
168 100

99 63.7 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN061342.D

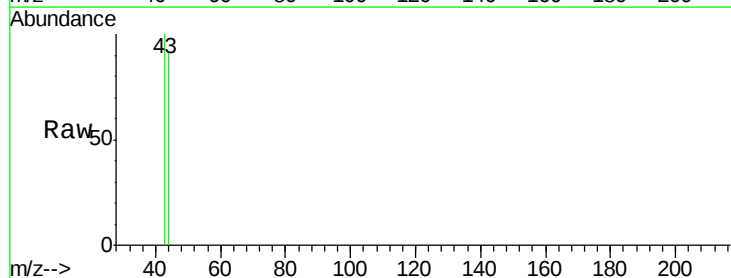
Acq: 7 May 2020 18:25

Tgt Ion: 43 Resp: 1308

Ion Ratio Lower Upper

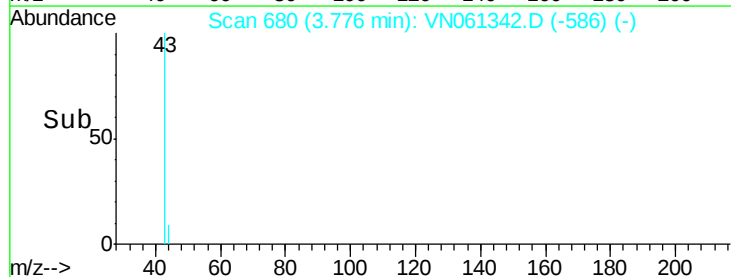
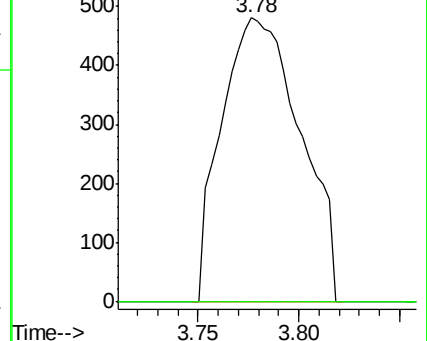
43 100

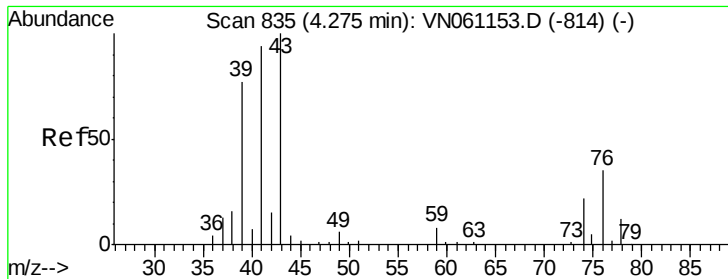
58 0.0 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

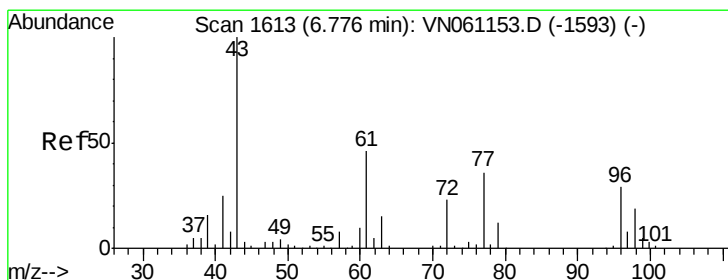
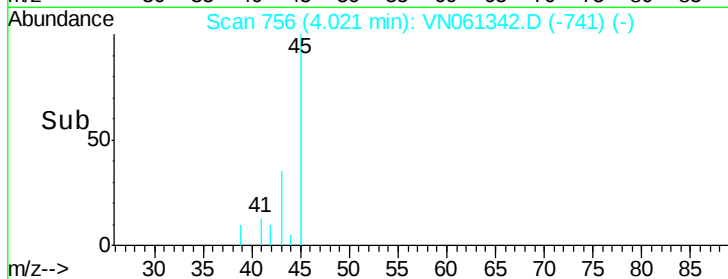
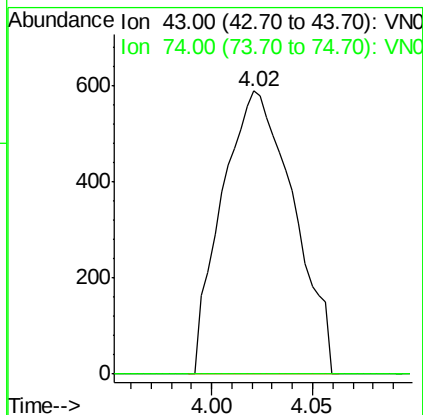
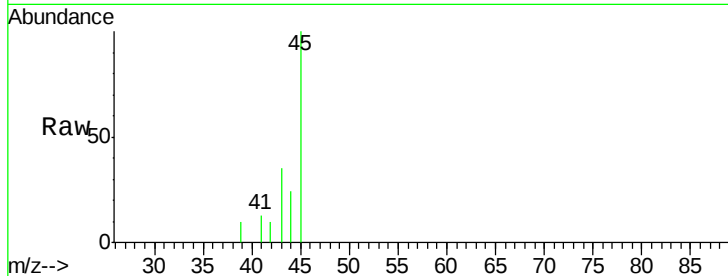




#18
Methvl Acetate
Concen: 1.487 ug/l
RT: 4.02 min Scan# 756
Delta R.T. -0.25 min
Lab File: VN061342.D
Acq: 7 May 2020 18:25

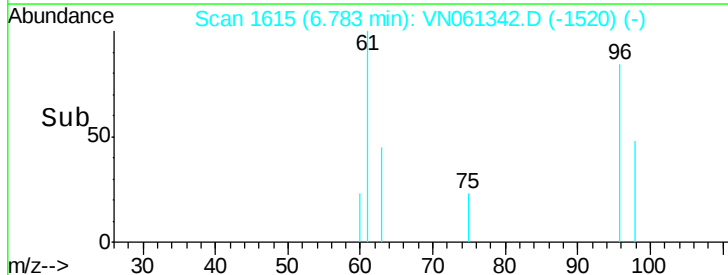
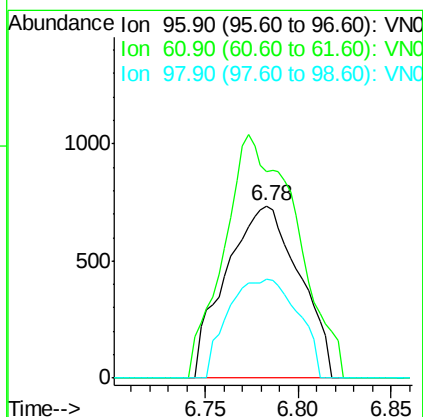
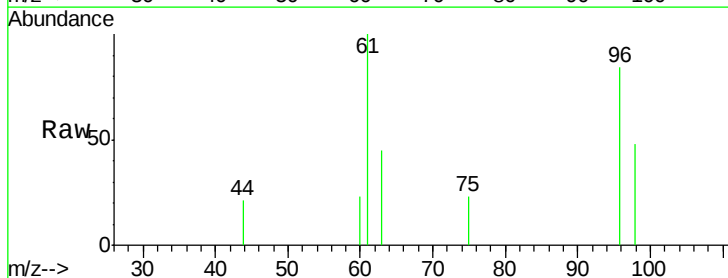
Instrument :
MSVOA_N
ClientSampleId :

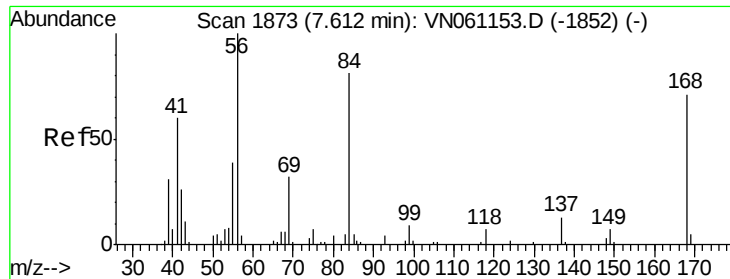
Tot Ion: 43 Resp: 1449
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#27
cis-1,2-Dichloroethene
Concen: 1.696 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. 0.01 min
Lab File: VN061342.D
Acq: 7 May 2020 18:25

Tgt Ion: 96 Resp: 2026
Ion Ratio Lower Upper
96 100
61 139.3 0.0 322.0
98 54.3 0.0 129.6

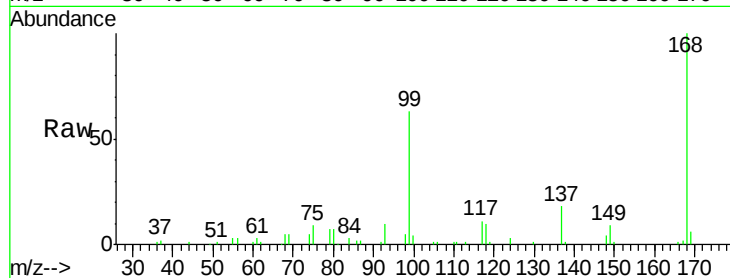




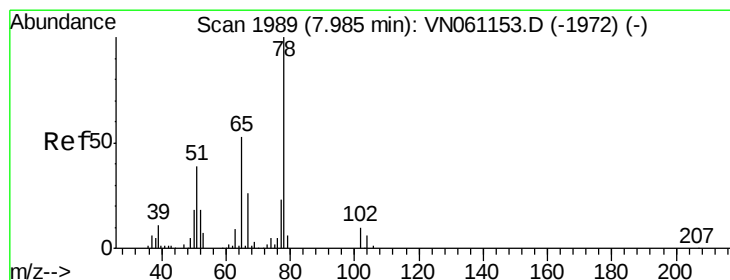
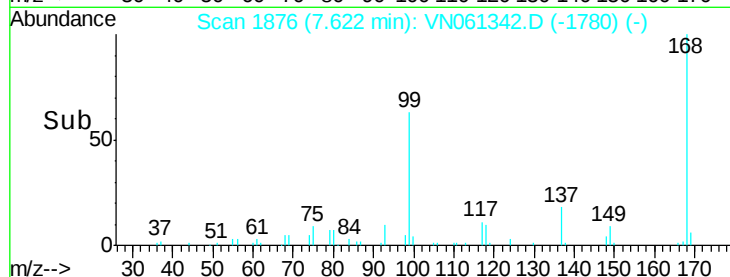
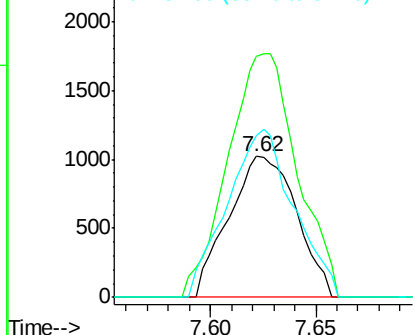
#31
Cyclohexane
Concen: 1.119 ug/l
RT: 7.62 min Scan# 1876
Delta R.T. 0.01 min
Lab File: VN061342.D
Acq: 7 May 2020 18:25

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 2282
Ion Ratio Lower Upper
56 100
69 171.0 25.7 38.5#
84 115.1 64.6 97.0#

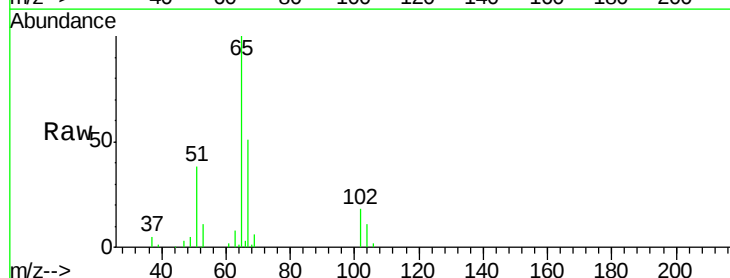


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

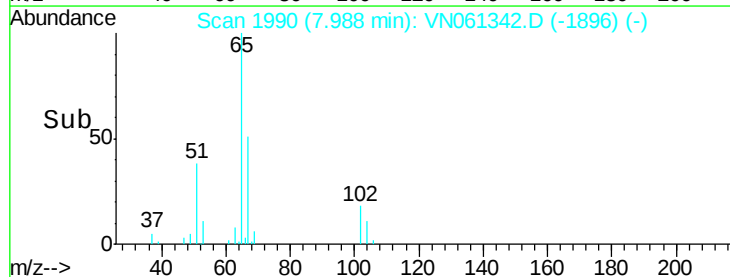
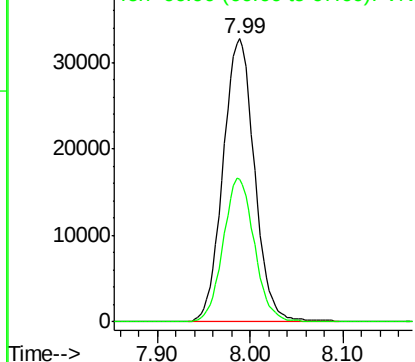


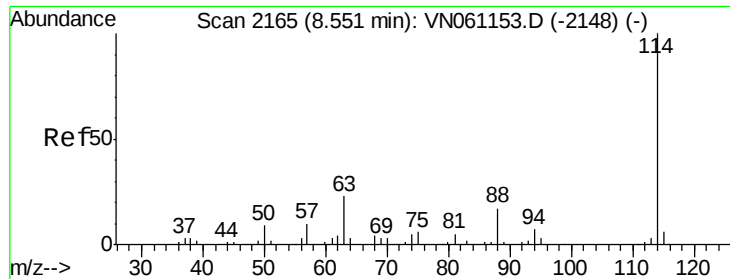
#33
1,2-Dichloroethane-d4
Concen: 55.049 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061342.D
Acq: 7 May 2020 18:25

Tgt Ion: 65 Resp: 77185
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.6



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

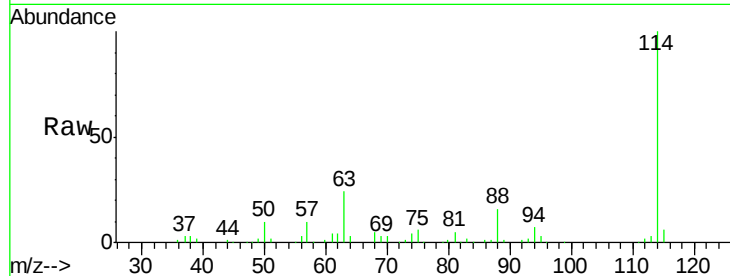




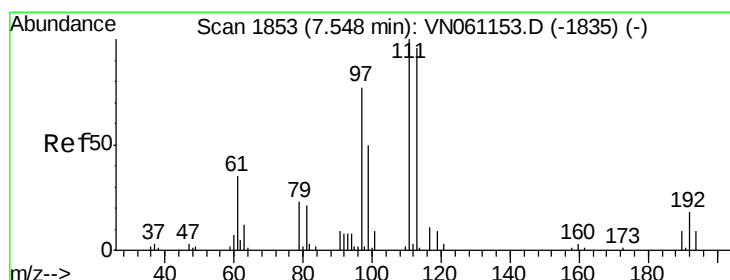
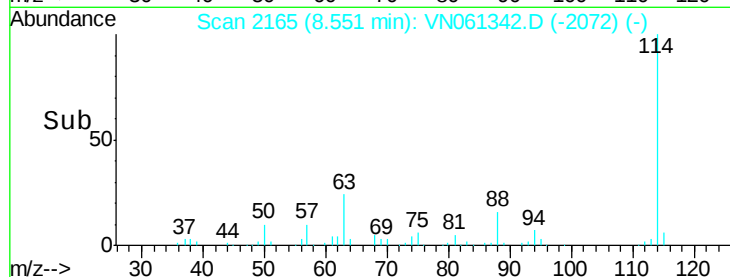
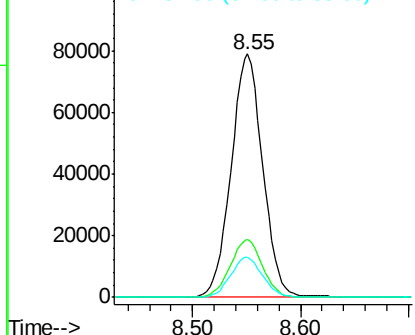
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VN061342.D
Acq: 7 May 2020 18:25

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:114 Resp: 160988
Ion Ratio Lower Upper
114 100
63 23.9 0.0 46.6
88 16.4 0.0 33.4

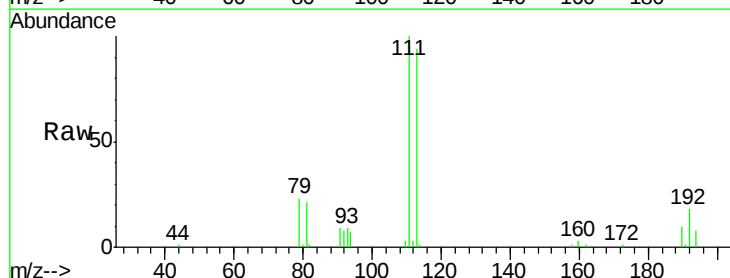


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

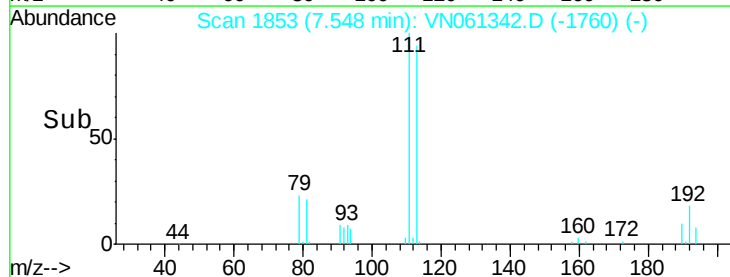
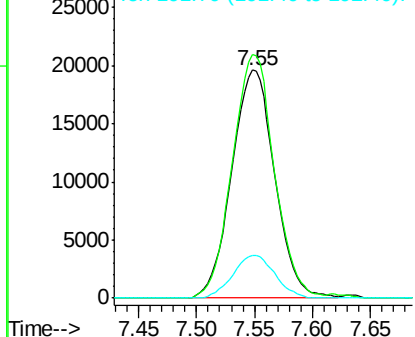


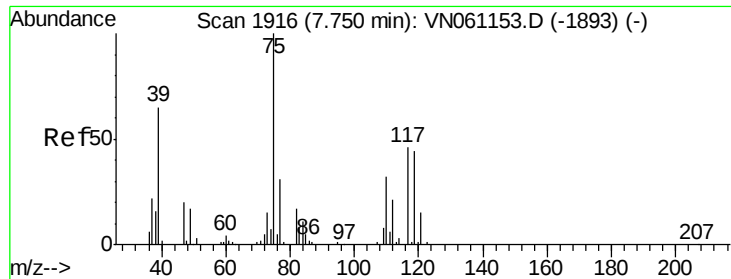
#35
Dibromofluoromethane
Concen: 53.140 ug/l
RT: 7.55 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN061342.D
Acq: 7 May 2020 18:25

Tgt Ion:113 Resp: 50587
Ion Ratio Lower Upper
113 100
111 104.3 82.9 124.3
192 18.1 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

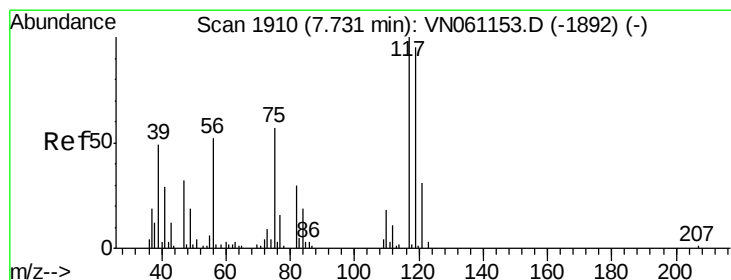
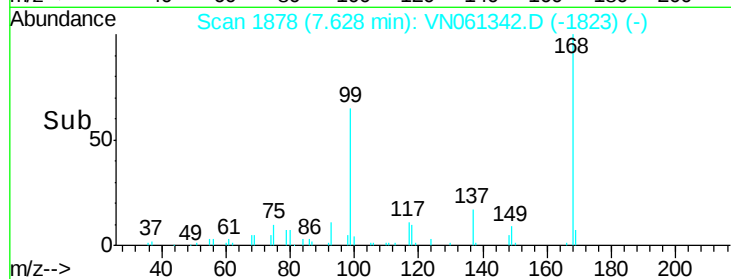
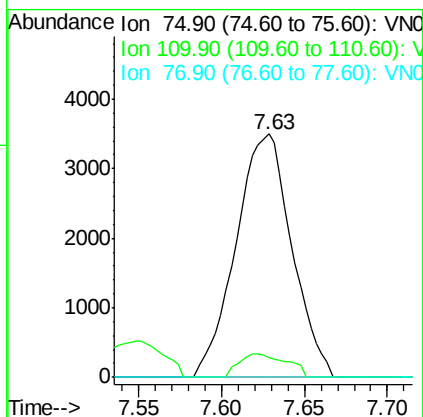
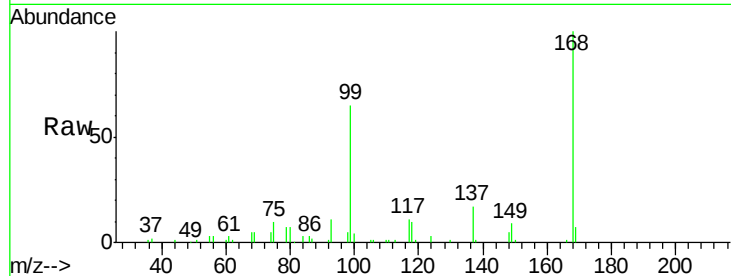




#36
 1,1-Dichloropropene
 Concen: 5.096 ug/l
 RT: 7.63 min Scan# 1878
 Delta R.T. -0.12 min
 Lab File: VN061342.D
 Acq: 7 May 2020 18:25

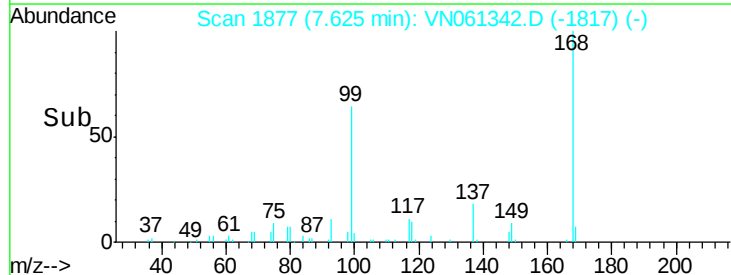
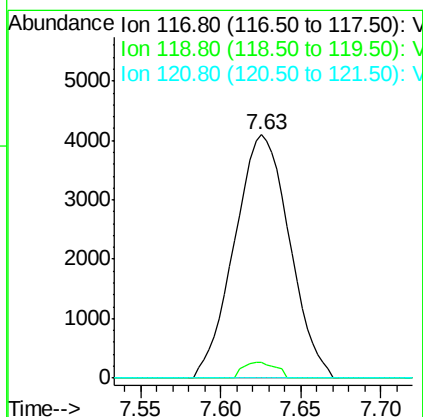
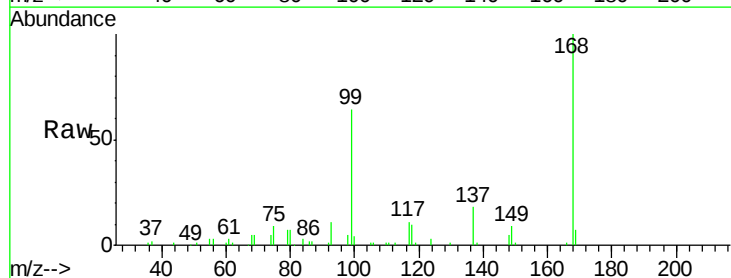
Instrument :
 MSVOA_N
 ClientSampled :

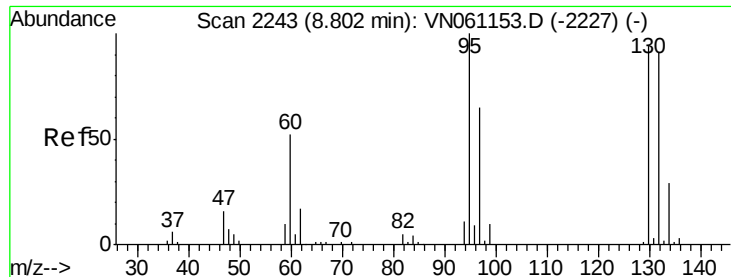
Tot Ion	75	Resp	8212
Ion Ratio	Lower	Upper	
75	100		
110	8.3	16.0	48.0#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 8.560 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.11 min
 Lab File: VN061342.D
 Acq: 7 May 2020 18:25

Tgt Ion	117	Resp	9667
Ion Ratio	Lower	Upper	
117	100		
119	6.3	75.8	113.6#
121	0.0	24.7	37.1#

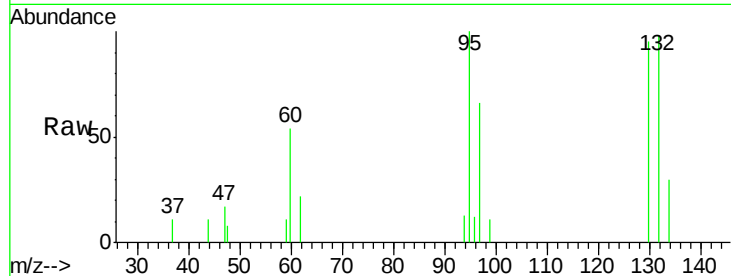




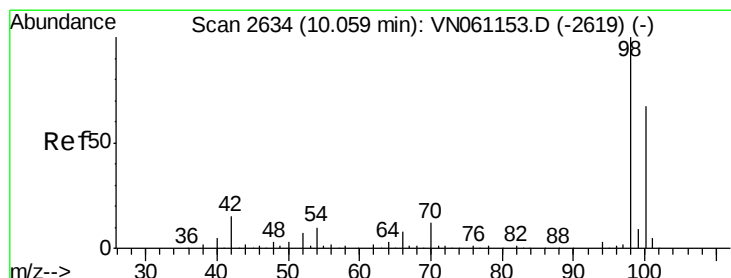
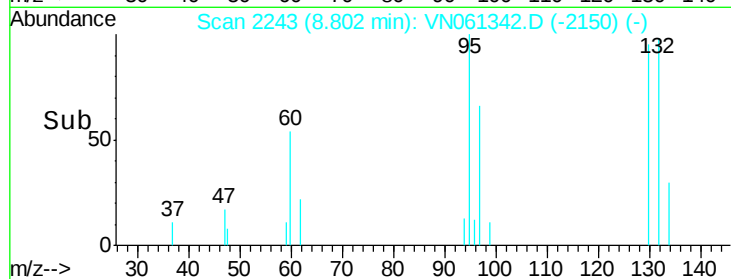
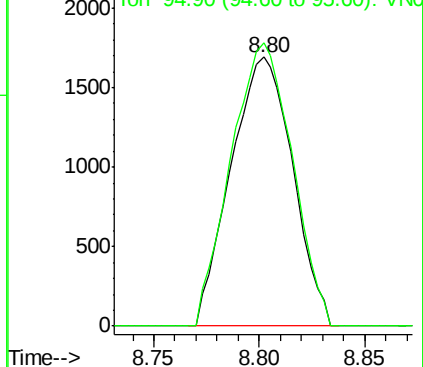
#44
 Trichloroethene
 Concen: 2.653 ug/l
 RT: 8.80 min Scan# 2243
 Delta R.T. 0.00 min
 Lab File: VN061342.D
 Acq: 7 May 2020 18:25

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:130 Resp: 3443
 Ion Ratio Lower Upper
 130 100
 95 105.3 0.0 212.4

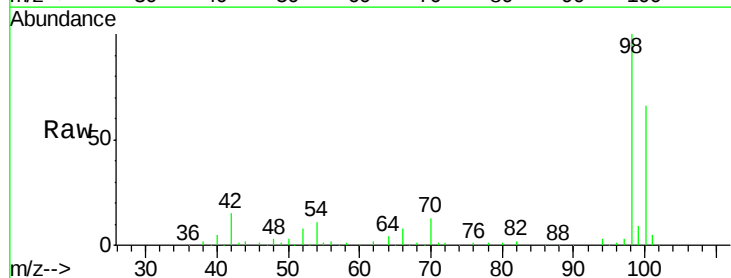


Abundance Ion 129.80 (129.50 to 130.50): VN061153.D (-2227) (-)
 Ion 94.90 (94.60 to 95.60): VN061153.D (-2227) (-)

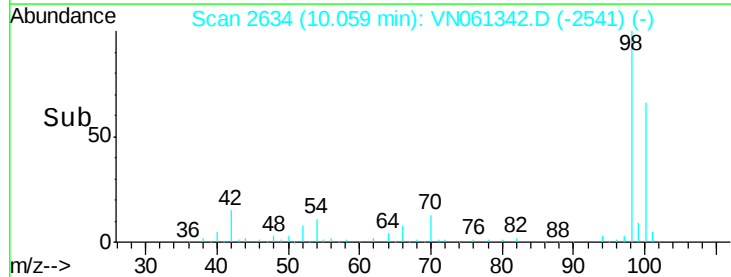
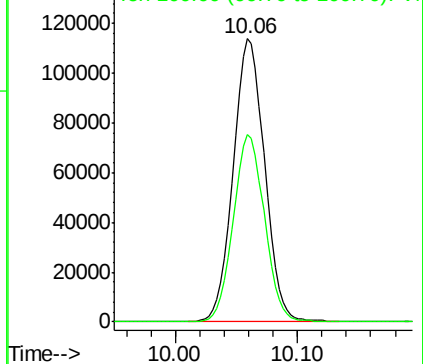


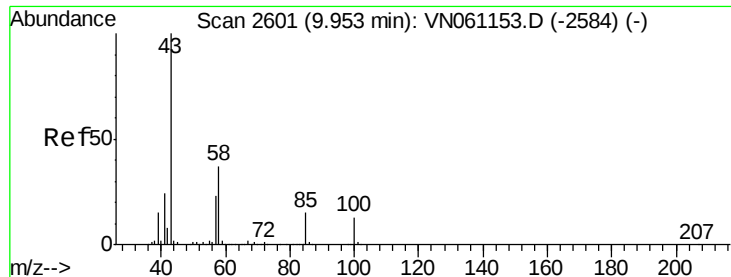
#50
 Toluene-d8
 Concen: 52.401 ug/l
 RT: 10.06 min Scan# 2634
 Delta R.T. 0.00 min
 Lab File: VN061342.D
 Acq: 7 May 2020 18:25

Tgt Ion: 98 Resp: 203353
 Ion Ratio Lower Upper
 98 100
 100 65.9 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) (-)





#51

4-Methyl-2-Pentanone

Concen: 0.582 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.11 min

Lab File: VN061342.D

Acq: 7 May 2020 18:25

Instrument :

MSVOA_N

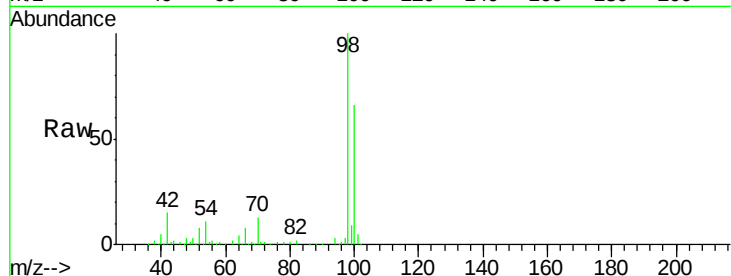
ClientSampled :

Tot Ion: 43 Resp: 1074

Ion Ratio Lower Upper

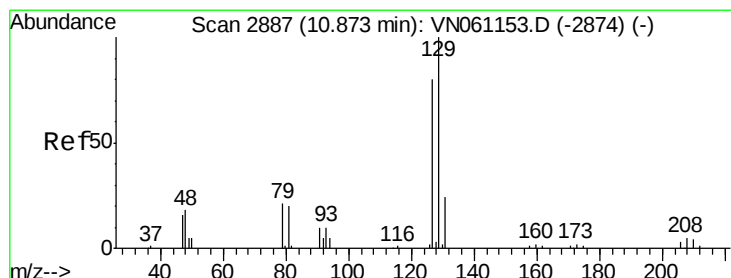
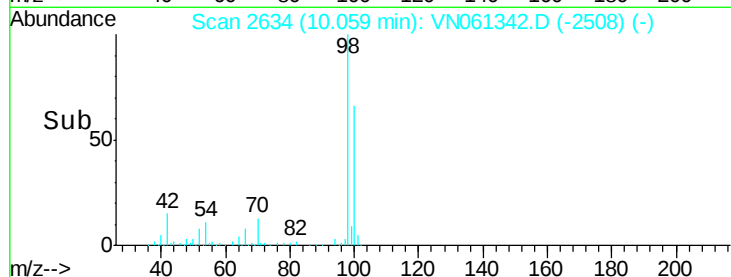
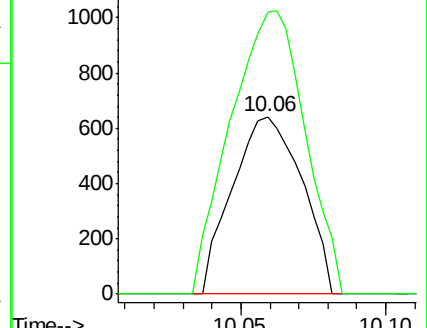
43 100

58 170.7 29.1 43.7#



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2584) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-2584) (-)



#60

Dibromochloromethane

Concen: 11.350 ug/l

RT: 10.60 min Scan# 2803

Delta R.T. -0.27 min

Lab File: VN061342.D

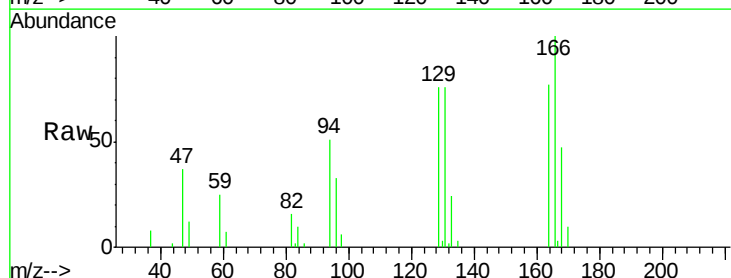
Acq: 7 May 2020 18:25

Tgt Ion: 129 Resp: 13712

Ion Ratio Lower Upper

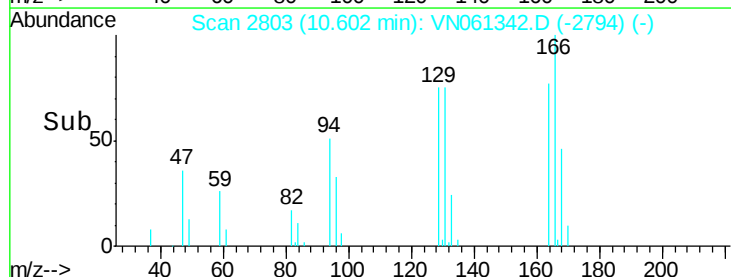
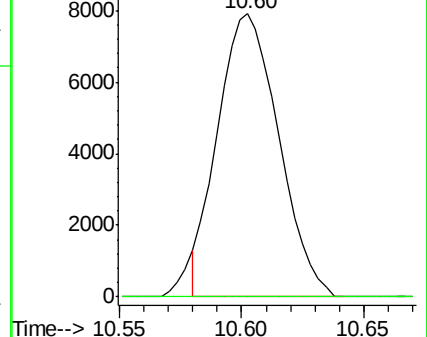
129 100

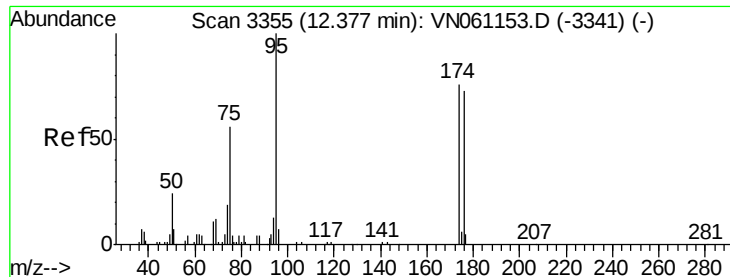
127 0.0 39.3 117.8#



Abundance Ion 128.80 (128.50 to 129.50): VN061153.D (-2874) (-)

Ion 126.80 (126.50 to 127.50): VN061153.D (-2874) (-)





#62

4-Bromofluorobenzene

Concen: 49.886 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061342.D

Acq: 7 May 2020 18:25

Instrument :

MSVOA_N

ClientSampleId :

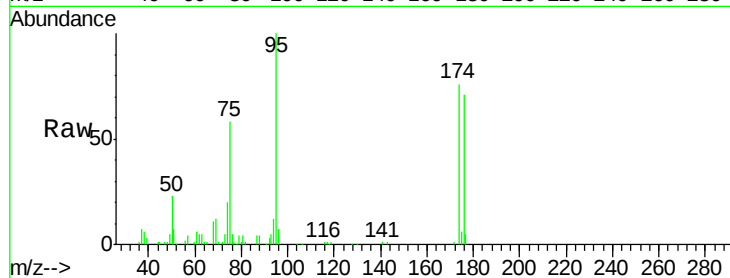
Tot Ion: 95 Resp: 72852

Ion Ratio Lower Upper

95 100

174 74.8 0.0 149.4

176 70.8 0.0 144.8



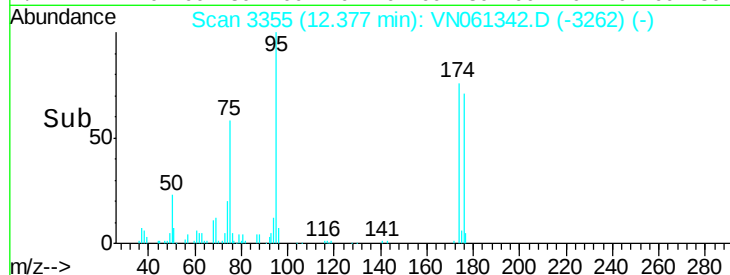
Abundance Ion 94.90 (94.60 to 95.60): VN061153.D (-3341) (-)

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

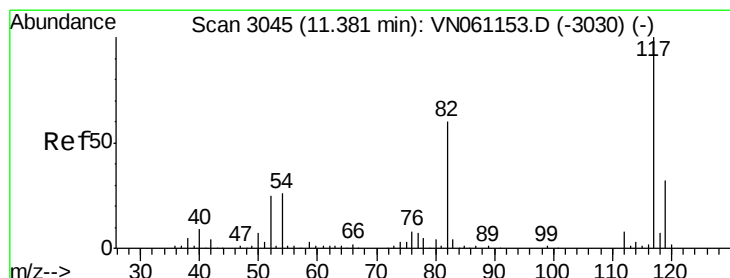
Ion 175.80 (175.50 to 176.50): VN061153.D (-3341) (-)

12.38

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061342.D

Acq: 7 May 2020 18:25

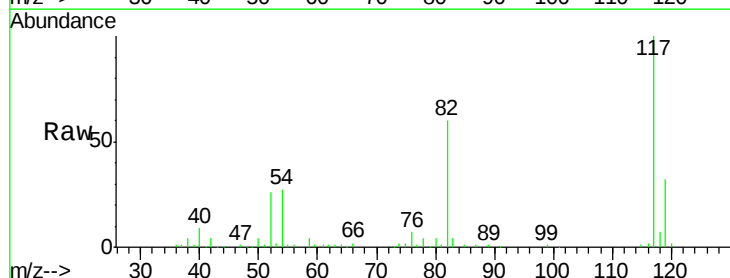
Tgt Ion: 117 Resp: 157751

Ion Ratio Lower Upper

117 100

82 60.2 47.8 71.8

119 31.8 25.8 38.6



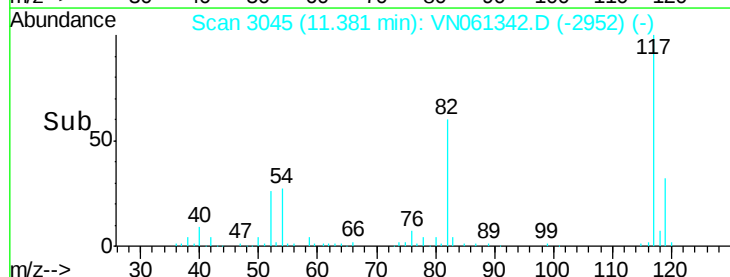
Abundance Ion 116.90 (116.60 to 117.60): VN061153.D (-3030) (-)

Ion 82.00 (81.70 to 82.70): VN061153.D (-3030) (-)

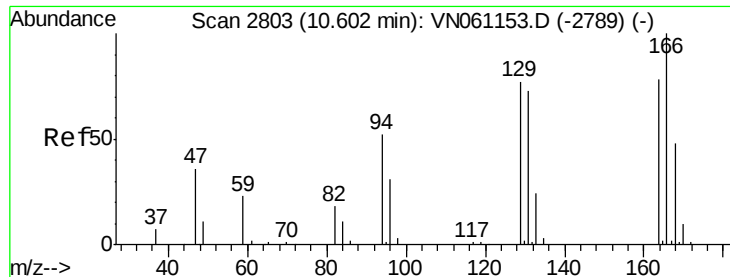
Ion 118.90 (118.60 to 119.60): VN061153.D (-3030) (-)

11.38

Time-->



Time-->



#64

Tetrachloroethene

Concen: 10.720 ug/l

RT: 10.60 min Scan# 2803

Delta R.T. 0.00 min

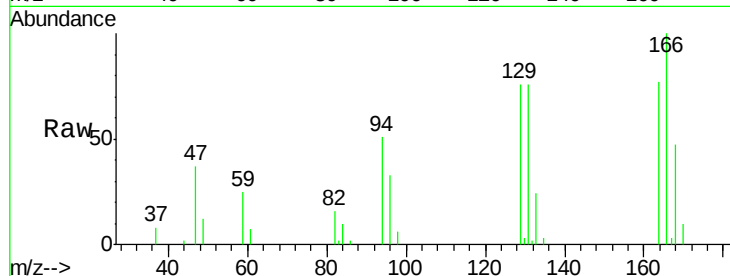
Lab File: VN061342.D

Acq: 7 May 2020 18:25

Instrument :

MSVOA_N

ClientSampled :



Tot Ion:164 Resp: 14647

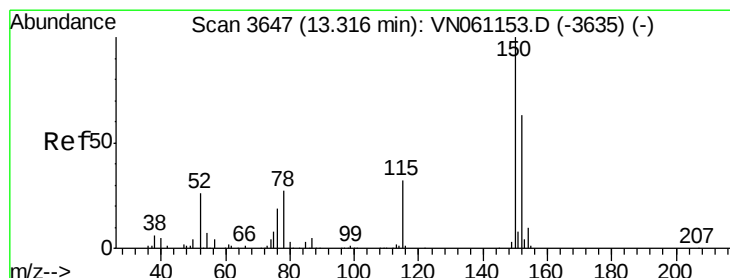
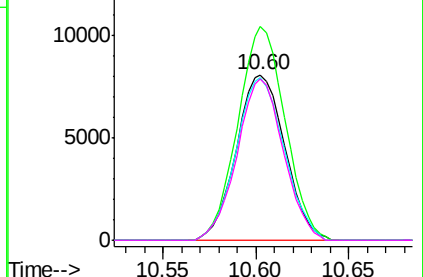
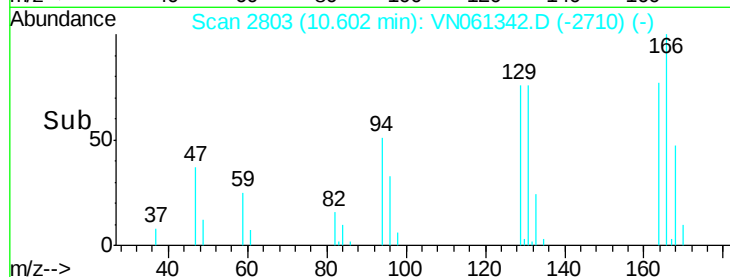
Ion	Ratio	Lower	Upper
164	100		
166	129.3	102.0	153.0
129	98.2	78.2	117.2
131	97.9	74.5	111.7

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

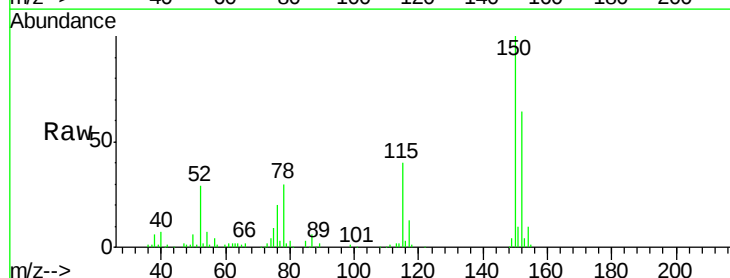
Delta R.T. 0.00 min

Lab File: VN061342.D

Acq: 7 May 2020 18:25

Tgt Ion:152 Resp: 66949

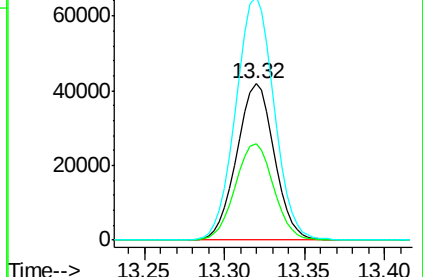
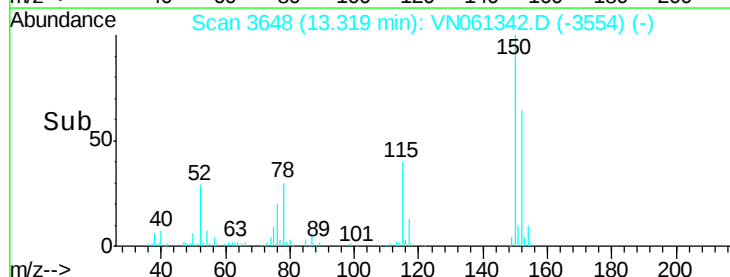
Ion	Ratio	Lower	Upper
152	100		
115	62.9	31.0	93.0
150	158.2	0.0	351.8

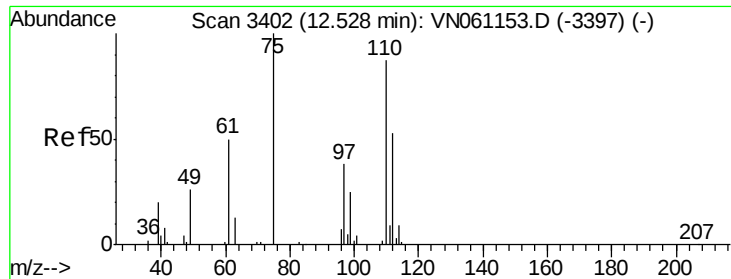


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

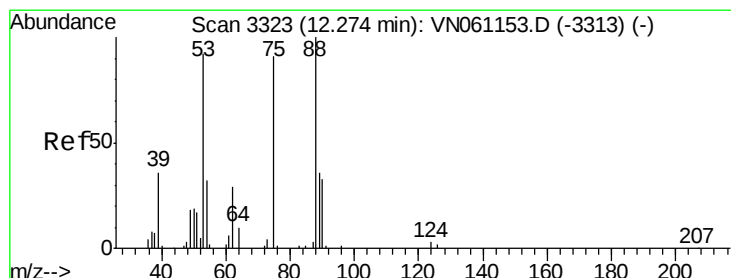
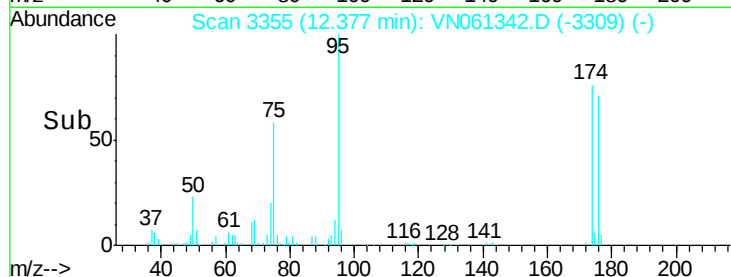
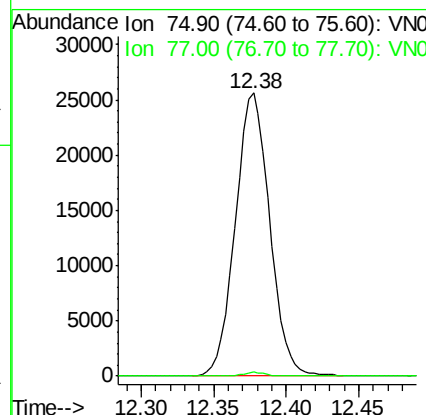
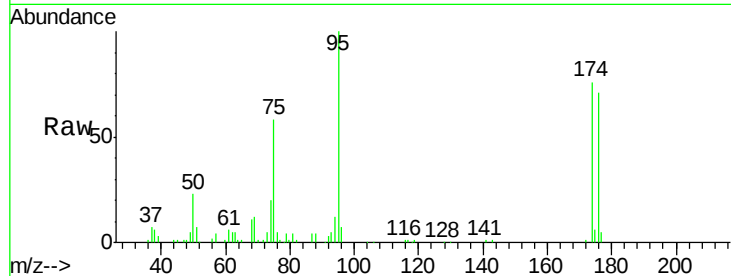




#76
 1,2,3-Trichloropropane
 Concen: 29.879 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. -0.15 min
 Lab File: VN061342.D
 Acq: 7 May 2020 18:25

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 42173
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.877 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.10 min
 Lab File: VN061342.D
 Acq: 7 May 2020 18:25

Tgt Ion: 75 Resp: 42173
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.1 126.1#
 89 0.0 35.2 52.8#

