

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061057.D
 Acq On : 17 Apr 2020 17:39
 Operator : JC/MD
 Sample : L2337-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-438-440

Quant Time: Apr 20 01:33:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

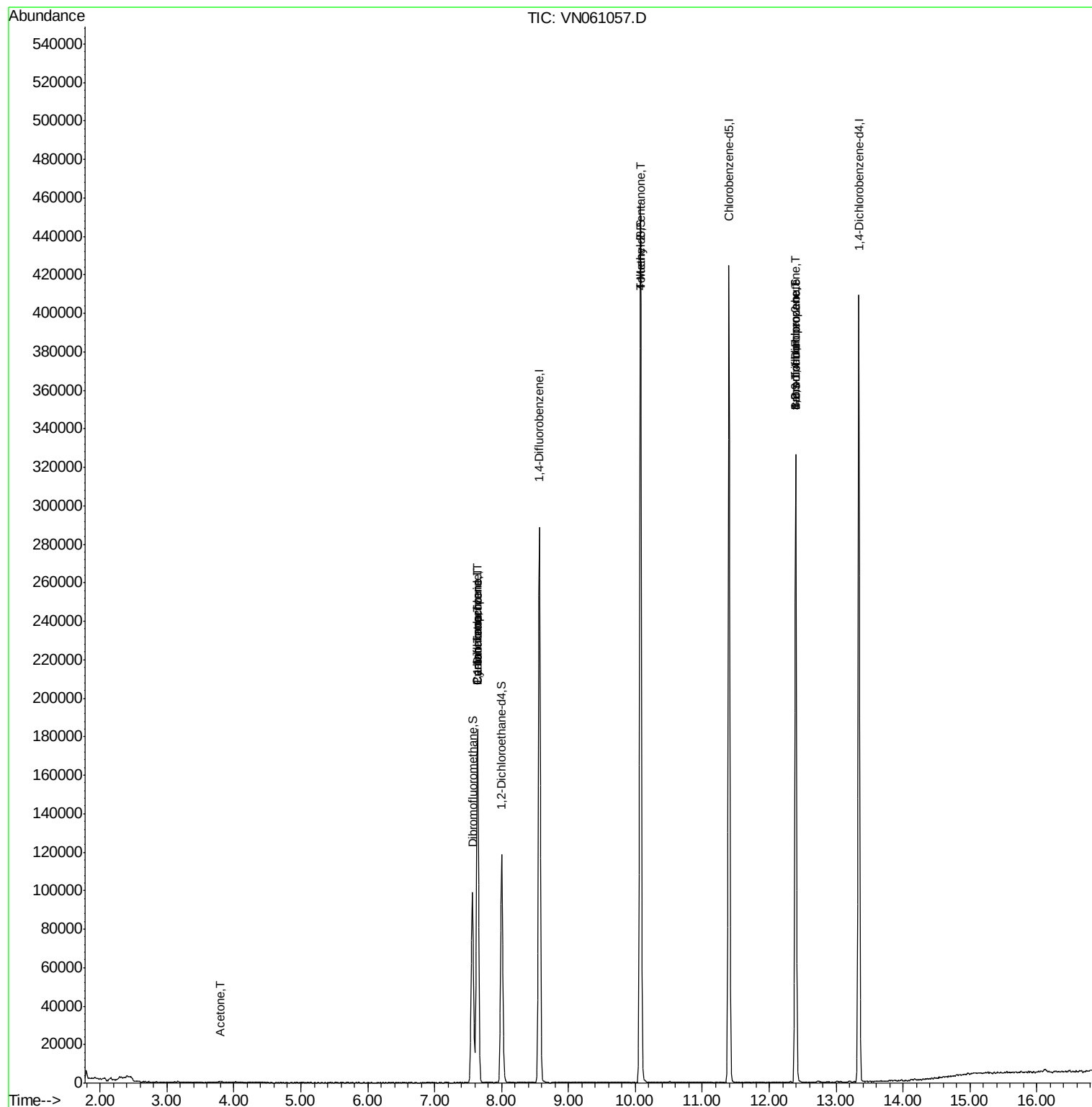
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	147945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	253456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	236706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	105204	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	101754	53.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.52%	
35) Dibromofluoromethane	7.56	113	77198	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
50) Toluene-d8	10.08	98	310755	55.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.12%	
62) 4-Bromofluorobenzene	12.40	95	116551	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
Target Compounds						
16) Acetone	3.78	43	1594	1.913	ug/l	92
31) Cyclohexane	7.64	56	3321	0.942	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11947	4.568	ug/l #	49
38) Carbon Tetrachloride	7.64	117	14620	6.716	ug/l #	14
51) 4-Methyl-2-Pentanone	10.07	43	1523	0.572	ug/l #	1
71) Bromoform	12.39	173	264	0.202	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	59921	25.894	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	59921	63.870	ug/l #	12

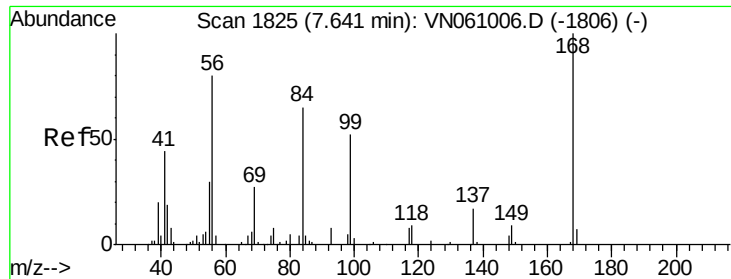
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041720\
Data File : VN061057.D
Acq On : 17 Apr 2020 17:39
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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
BP-VPB180-GW-438-440

Quant Time: Apr 20 01:33:18 2020
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Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN061057.D

Acq: 17 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

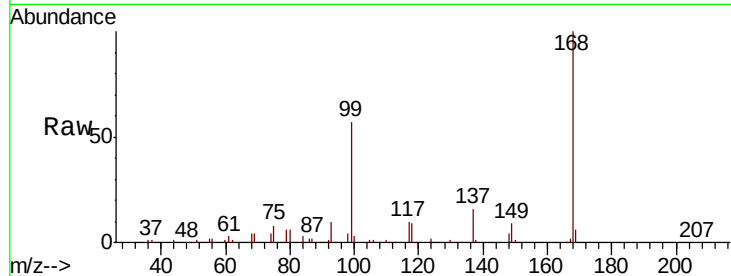
BP-VPB180-GW-438-440

Tot Ion:168 Resp: 147945

Ion Ratio Lower Upper

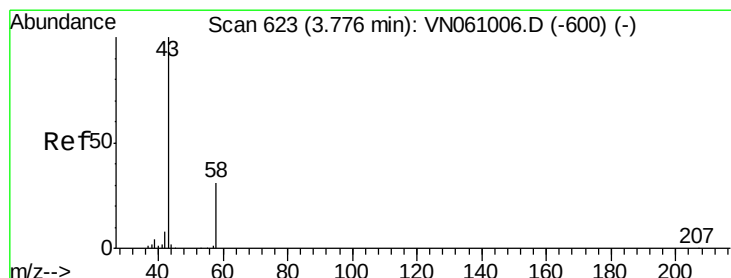
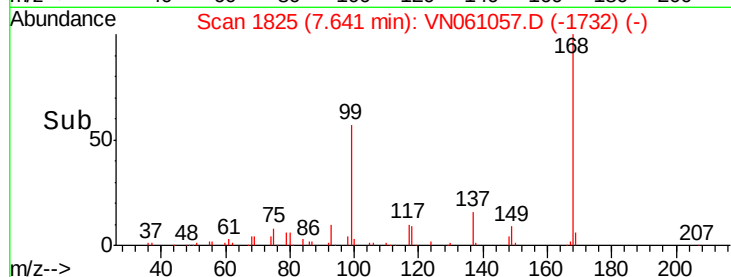
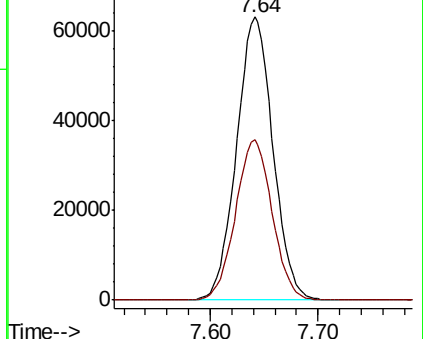
168 100

99 56.7 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 1.913 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN061057.D

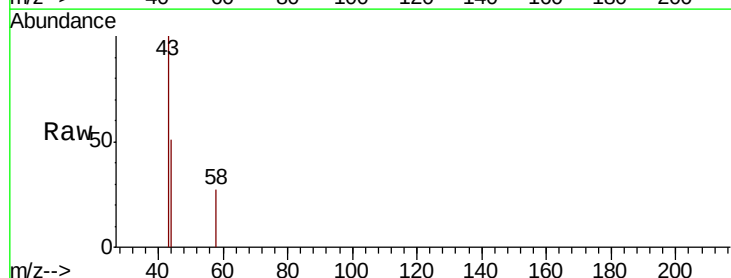
Acq: 17 Apr 2020 17:39

Tgt Ion: 43 Resp: 1594

Ion Ratio Lower Upper

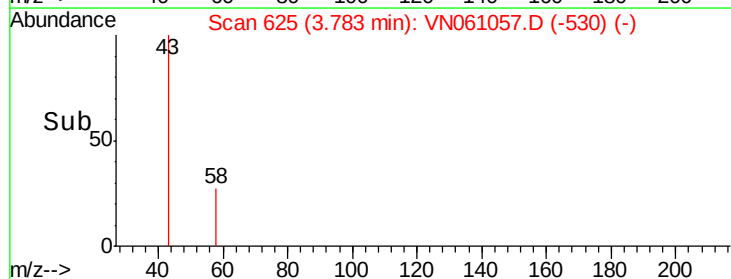
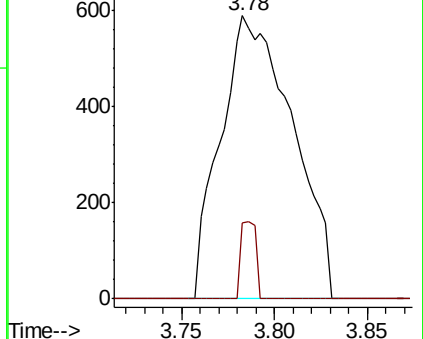
43 100

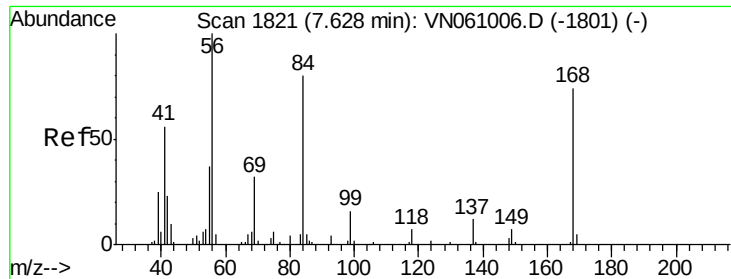
58 26.7 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#31

Cyclohexane

Concen: 0.942 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VN061057.D

Acq: 17 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-438-440

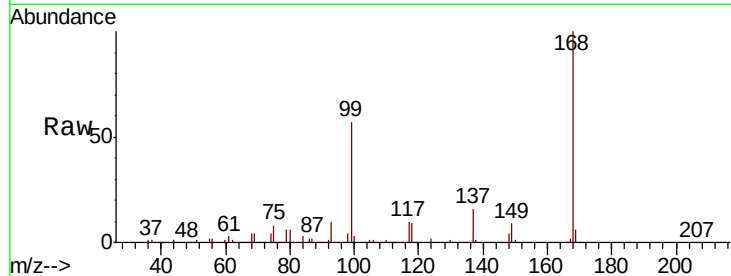
Tot Ion: 56 Resp: 3321

Ion Ratio Lower Upper

56 100

69 152.2 25.6 38.4#

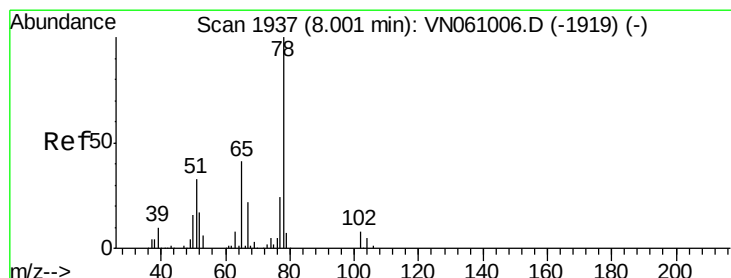
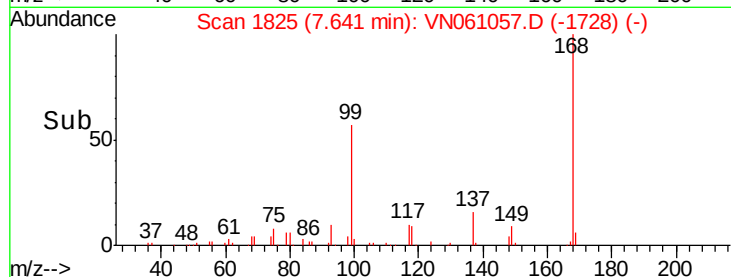
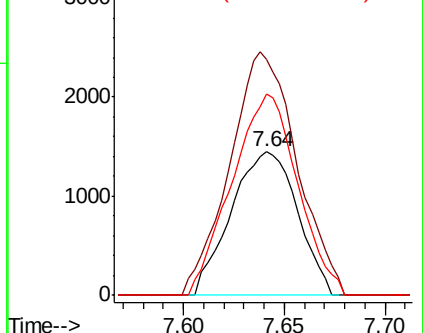
84 139.7 63.4 95.2#



Abundance Ion 56.00 (55.70 to 56.70): VN061006.D (-1801) (-)

Ion 69.00 (68.70 to 69.70): VN061006.D (-1801) (-)

Ion 84.00 (83.70 to 84.70): VN061006.D (-1801) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.757 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN061057.D

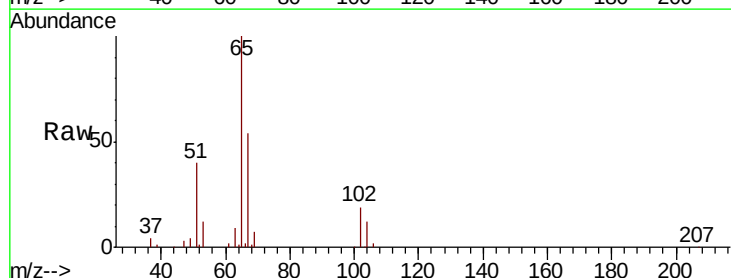
Acq: 17 Apr 2020 17:39

Tgt Ion: 65 Resp: 101754

Ion Ratio Lower Upper

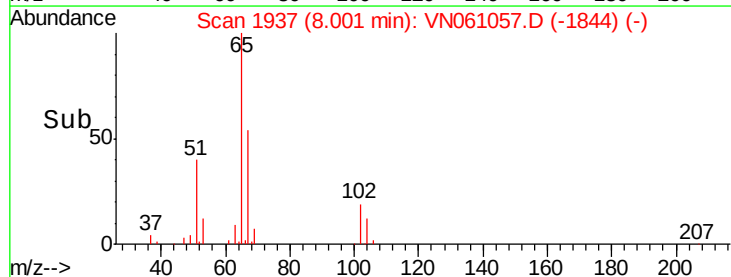
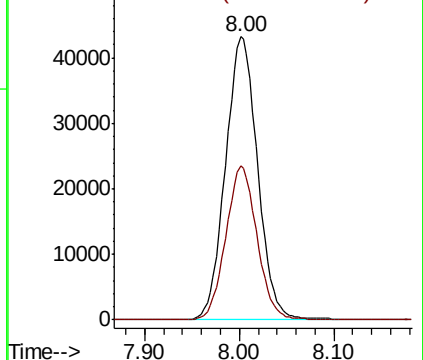
65 100

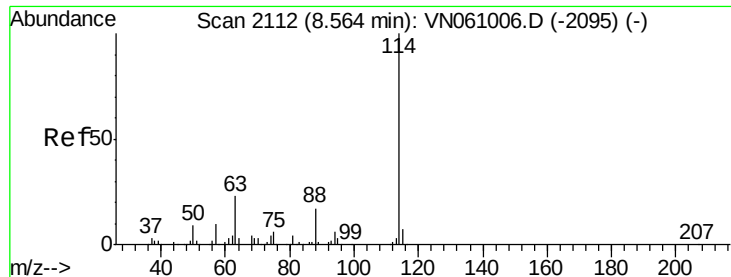
67 52.8 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN061006.D (-1919) (-)

Ion 66.90 (66.60 to 67.60): VN061006.D (-1919) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN061057.D

Acq: 17 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-438-440

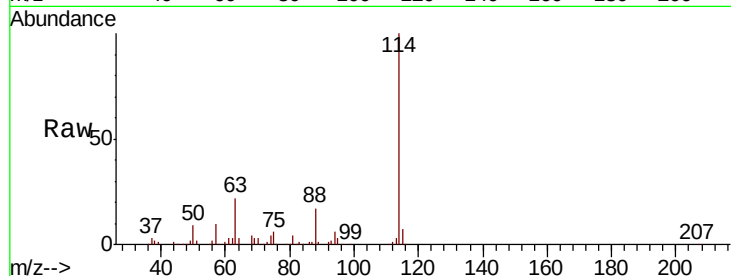
Tot Ion:114 Resp: 253456

Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.2

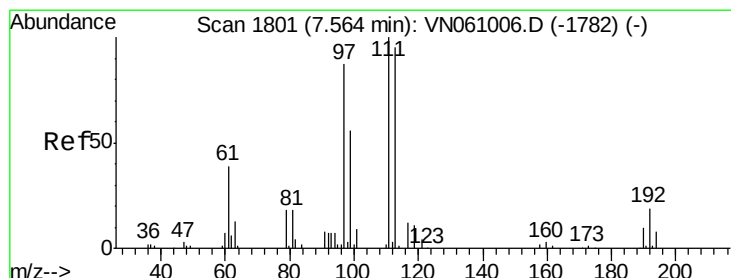
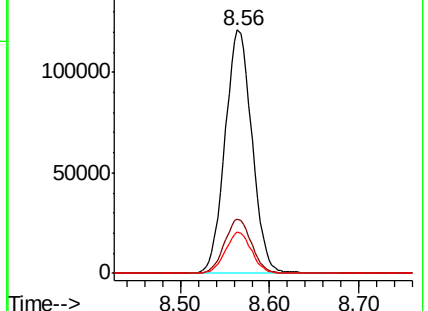
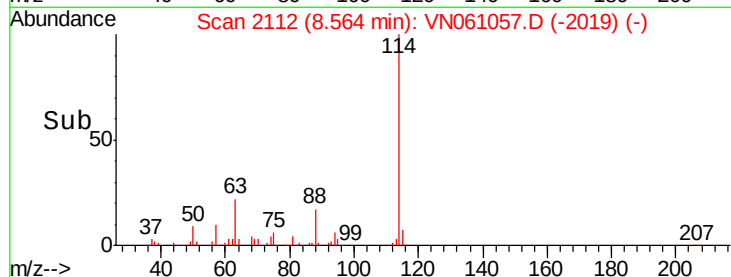
88 16.8 0.0 33.4



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: 52.155 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN061057.D

Acq: 17 Apr 2020 17:39

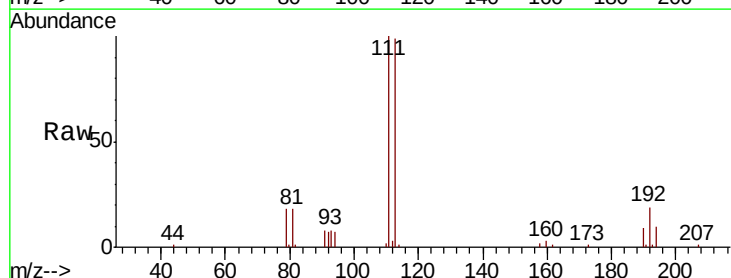
Tgt Ion:113 Resp: 77198

Ion Ratio Lower Upper

113 100

111 100.7 83.4 125.2

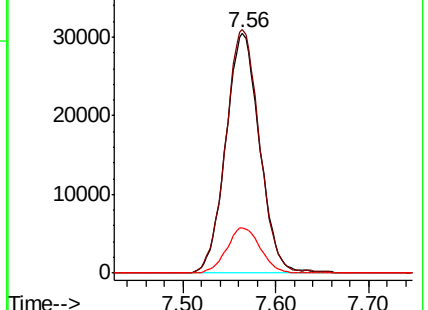
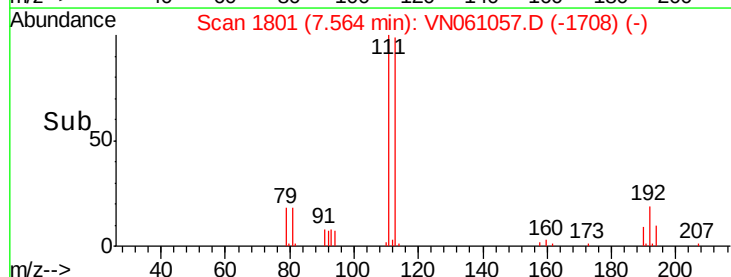
192 18.6 15.5 23.3

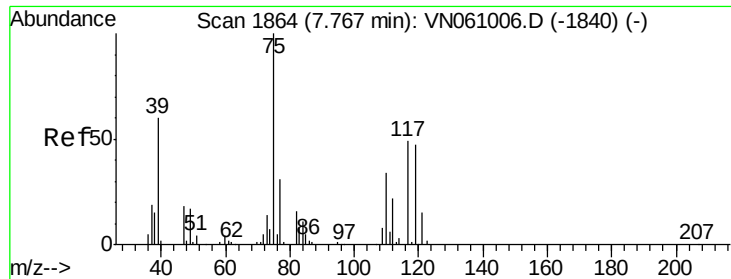


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

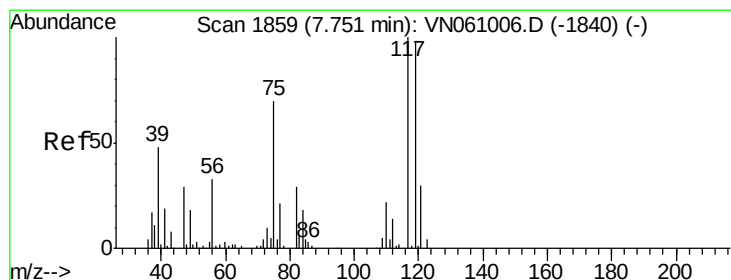
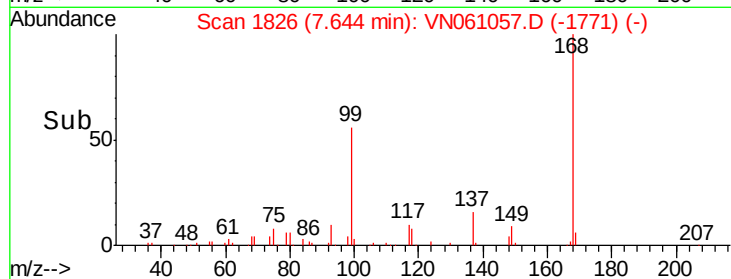
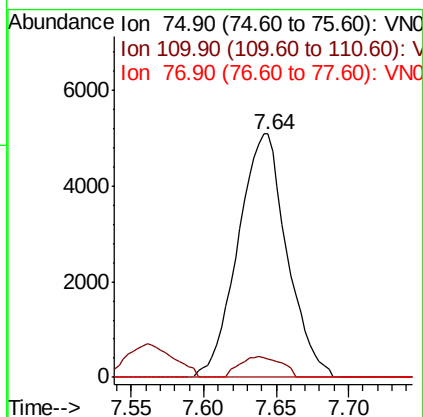
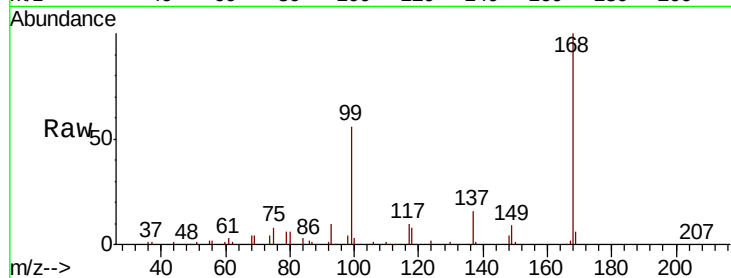




#36
 1,1-Dichloropropene
 Concen: 4.568 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.12 min
 Lab File: VN061057.D
 Acq: 17 Apr 2020 17:39

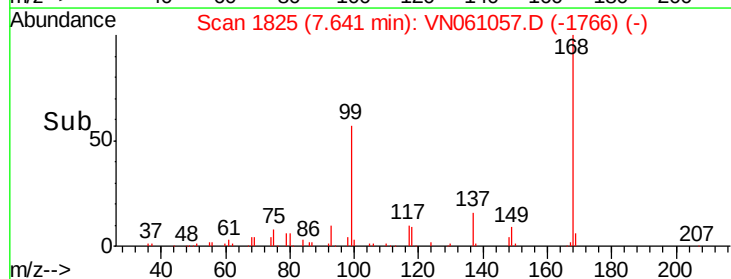
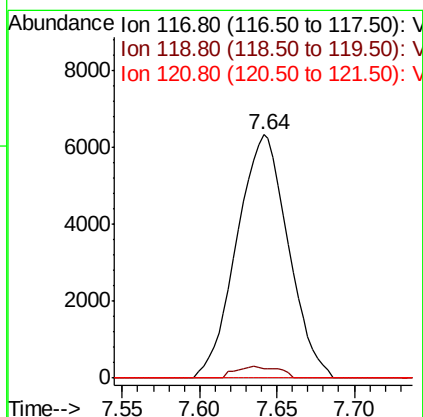
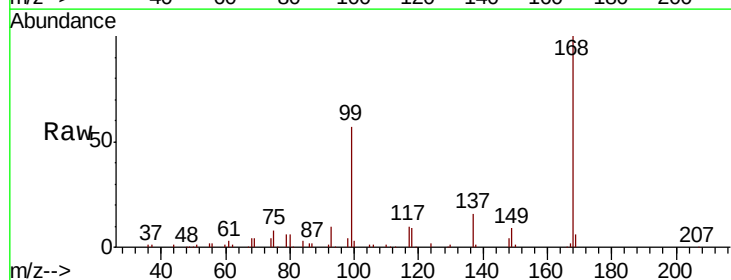
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-438-440

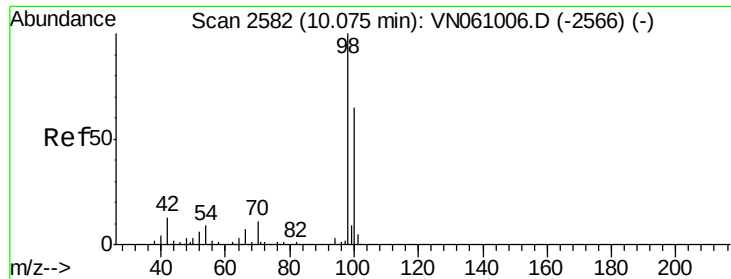
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.3	16.8	50.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.716 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN061057.D
 Acq: 17 Apr 2020 17:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.9	78.1	117.1#
121	0.0	24.0	36.0#

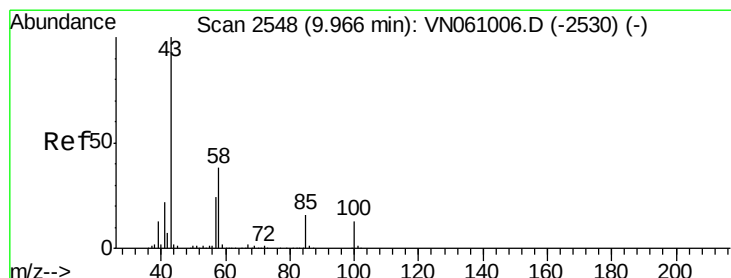
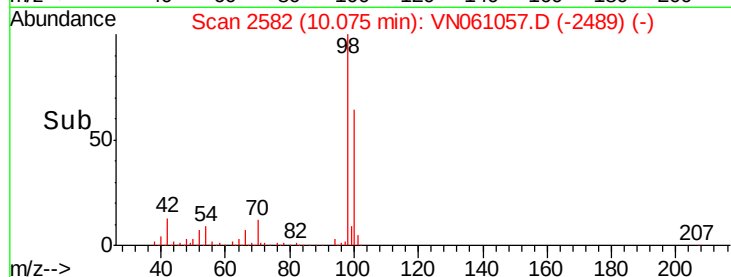
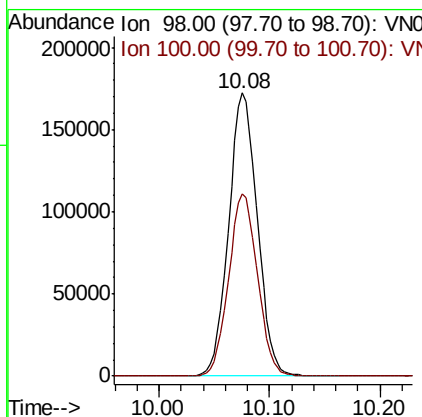
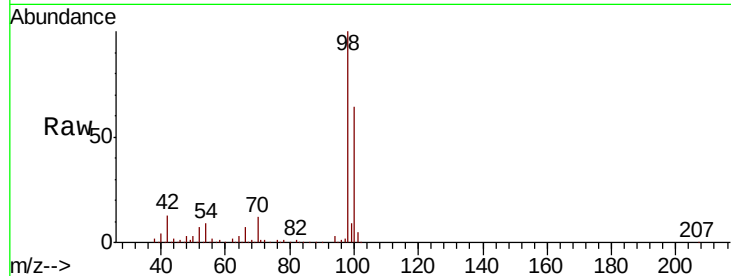




#50
Toluene-d8
Concen: 55.560 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN061057.D
Acq: 17 Apr 2020 17:39

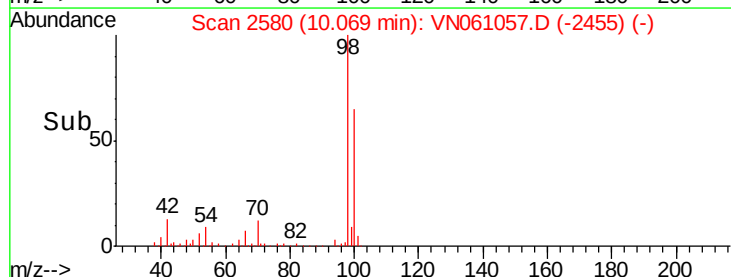
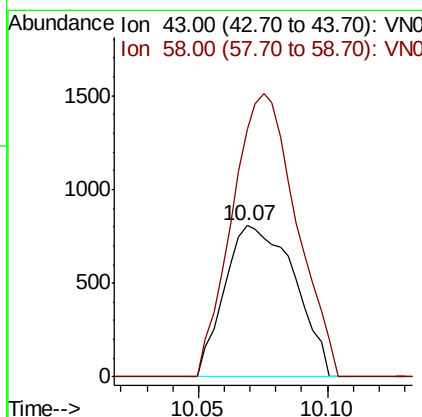
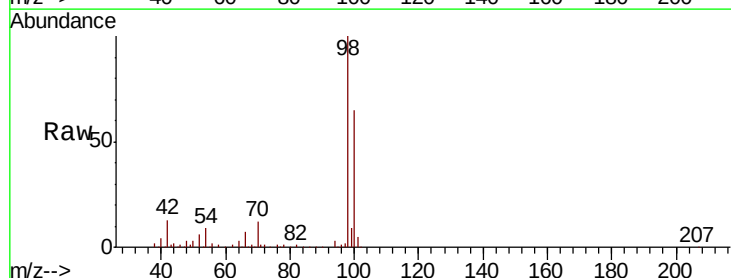
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-438-440

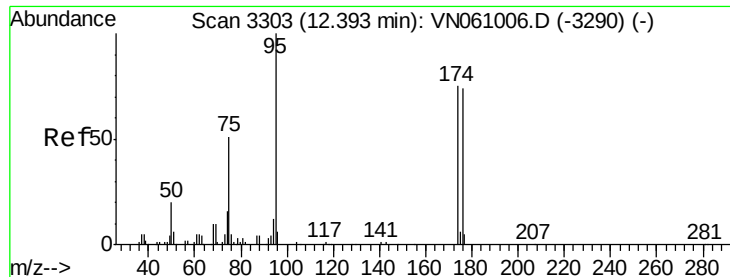
Tot Ion: 98 Resp: 310755
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.572 ug/l
RT: 10.07 min Scan# 2580
Delta R.T. 0.10 min
Lab File: VN061057.D
Acq: 17 Apr 2020 17:39

Tgt Ion: 43 Resp: 1523
Ion Ratio Lower Upper
43 100
58 172.4 30.3 45.5#





#62

4-Bromofluorobenzene

Concen: 53.168 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN061057.D

Acq: 17 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-438-440

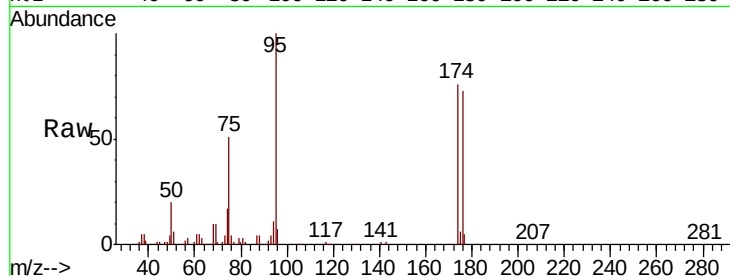
Tot Ion: 95 Resp: 116551

Ion Ratio Lower Upper

95 100

174 75.7 0.0 151.2

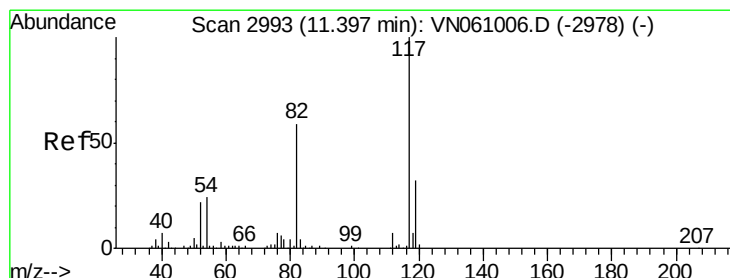
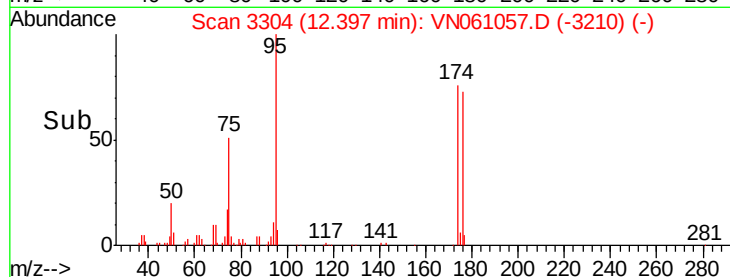
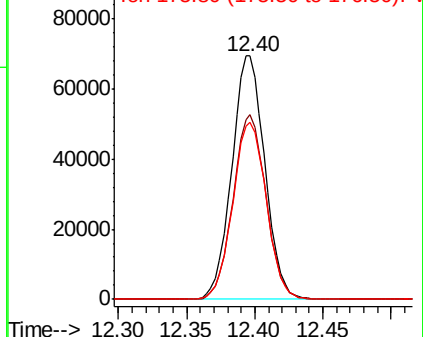
176 73.9 0.0 148.2



Abundance Ion 94.90 (94.60 to 95.60): VN061006.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN061006.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN061006.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN061057.D

Acq: 17 Apr 2020 17:39

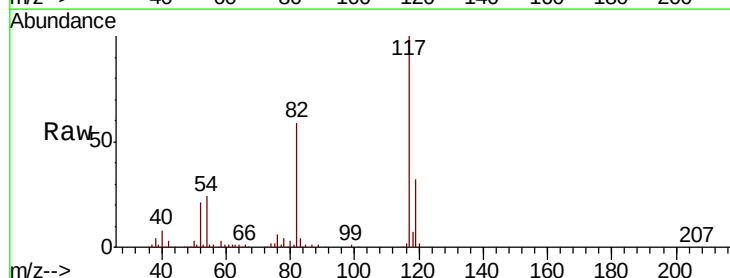
Tgt Ion: 117 Resp: 236706

Ion Ratio Lower Upper

117 100

82 58.9 47.1 70.7

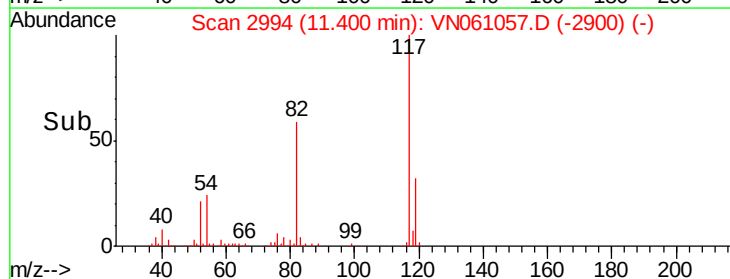
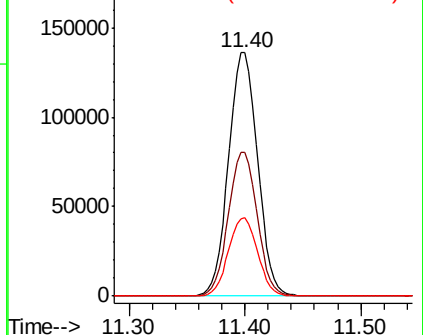
119 32.0 25.7 38.5

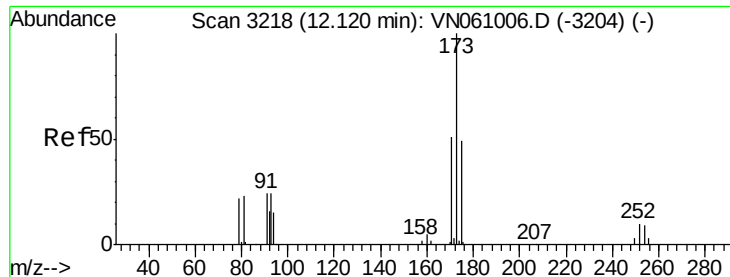


Abundance Ion 116.90 (116.60 to 117.60): VN061006.D (-2978) (-)

Ion 82.00 (81.70 to 82.70): VN061006.D (-2978) (-)

Ion 118.90 (118.60 to 119.60): VN061006.D (-2978) (-)





#71

Bromoform

Concen: 0.202 ug/l

RT: 12.39 min Scan# 3302

Delta R.T. 0.27 min

Lab File: VN061057.D

Acq: 17 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-438-440

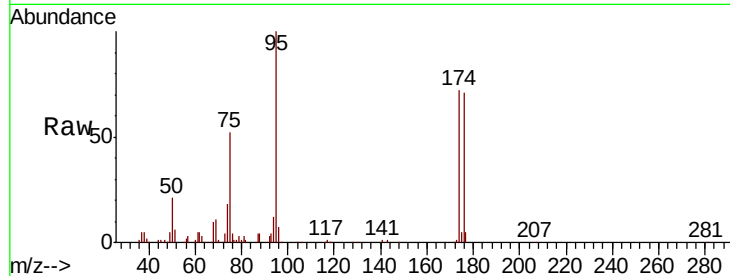
Tot Ion:173 Resp: 264

Ion Ratio Lower Upper

173 100

175 2056.1 24.5 73.5#

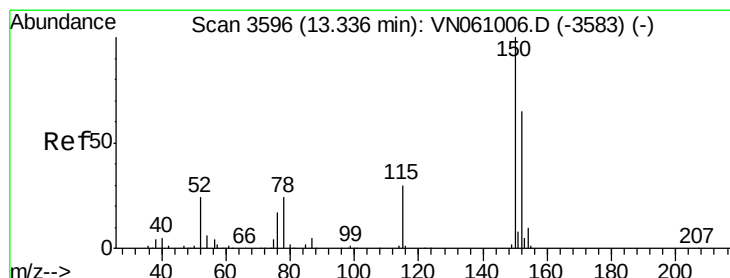
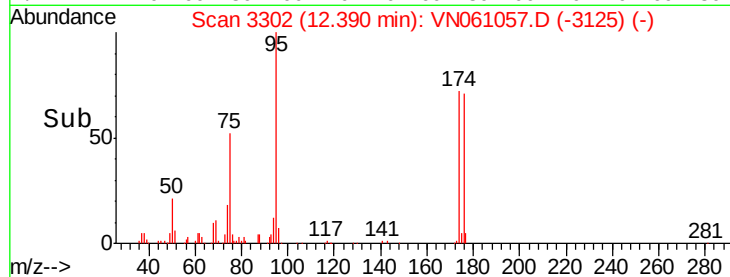
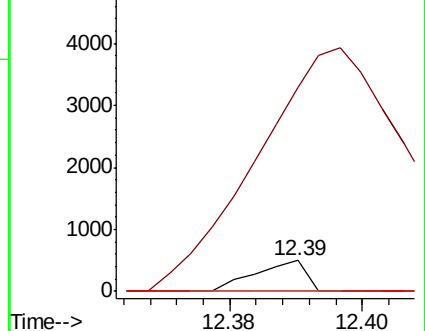
254 0.0 0.0 0.0



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: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061057.D

Acq: 17 Apr 2020 17:39

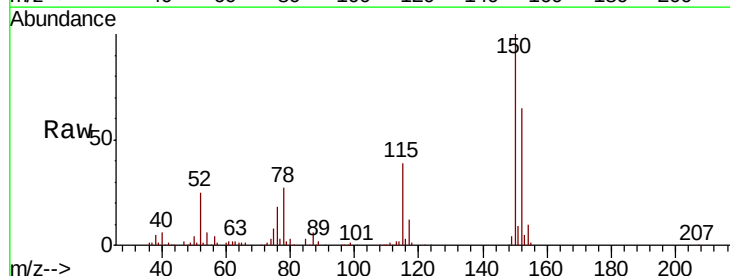
Tgt Ion:152 Resp: 105204

Ion Ratio Lower Upper

152 100

115 60.3 30.8 92.4

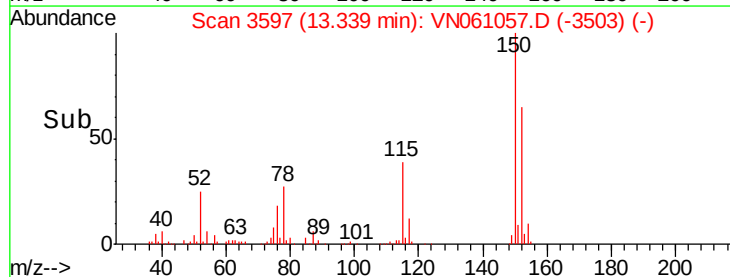
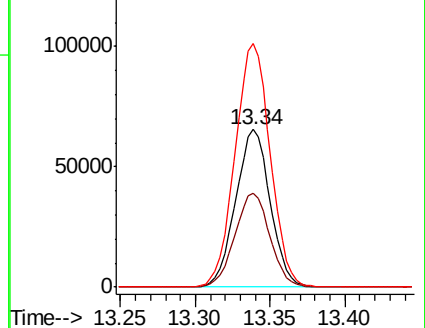
150 157.6 0.0 349.0

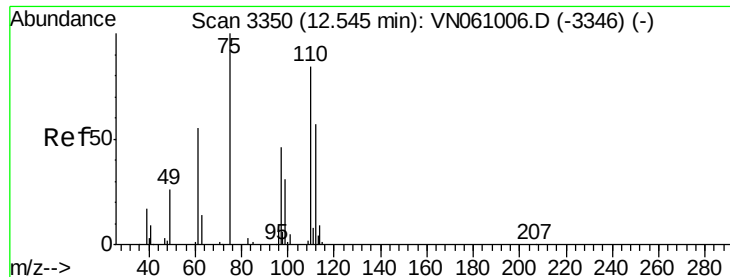


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 25.894 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061057.D

Acq: 17 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

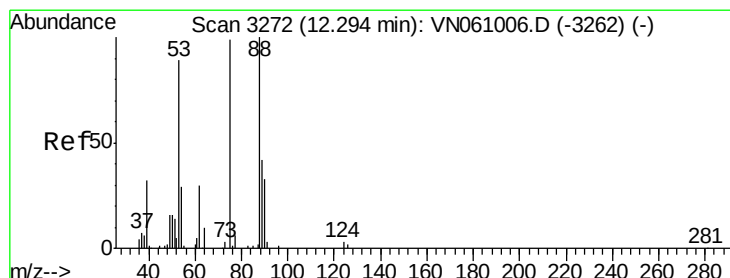
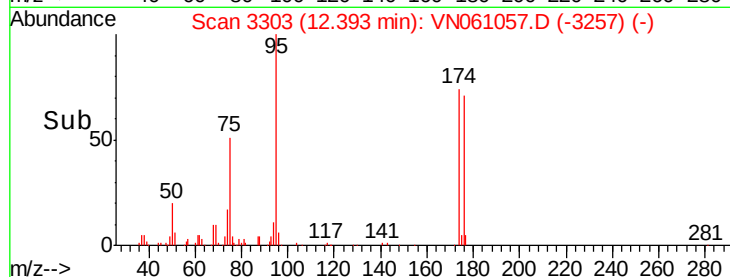
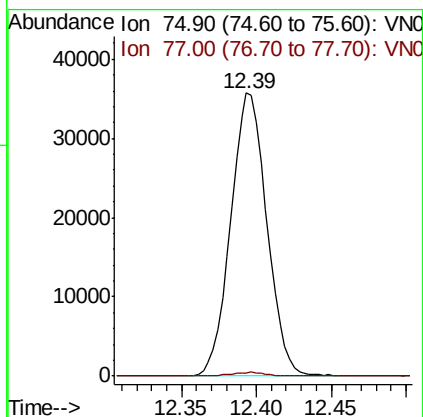
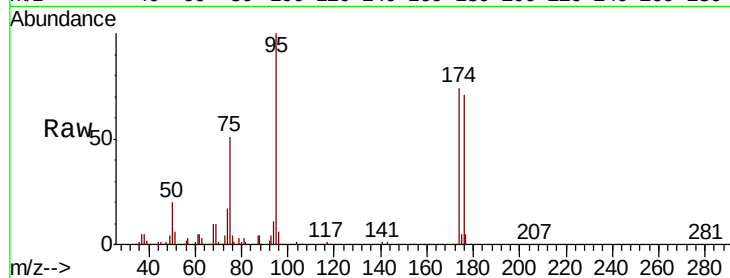
BP-VPB180-GW-438-440

Tot Ion: 75 Resp: 59921

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.870 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN061057.D

Acq: 17 Apr 2020 17:39

Tgt Ion: 75 Resp: 59921

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 34.6 52.0#

