

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061055.D
 Acq On : 17 Apr 2020 16:54
 Operator : JC/MD
 Sample : L2337-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-403-405

Quant Time: Apr 20 01:32:54 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

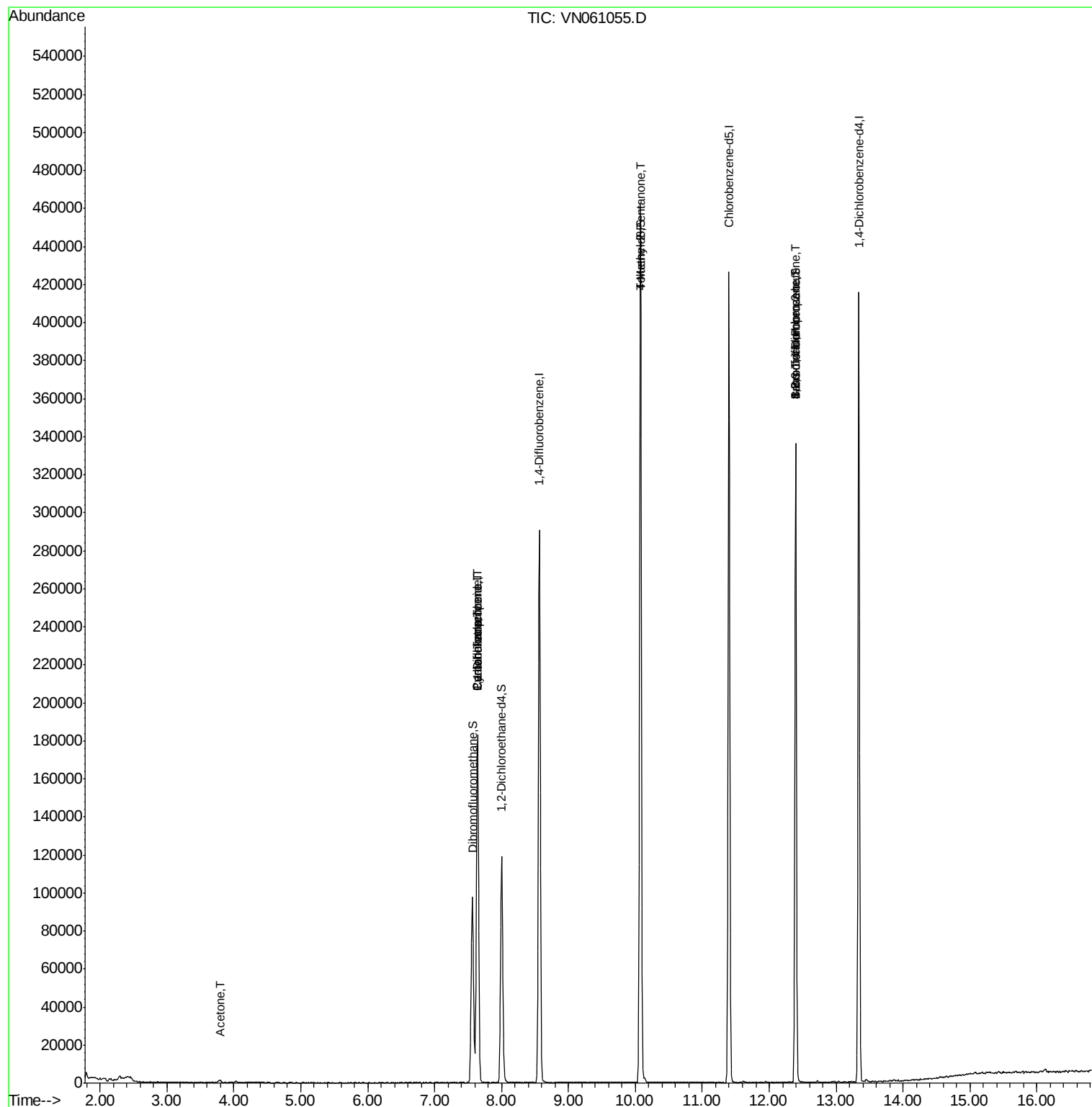
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	147193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	253430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	239513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	105217	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	101452	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.74%	
35) Dibromofluoromethane	7.56	113	76736	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
50) Toluene-d8	10.08	98	314303	56.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.40%	
62) 4-Bromofluorobenzene	12.39	95	116656	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
Target Compounds						
					Qvalue	
16) Acetone	3.79	43	2775	3.348	ug/l #	86
31) Cyclohexane	7.64	56	3382	0.964	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11775	4.503	ug/l #	49
38) Carbon Tetrachloride	7.64	117	14528	6.674	ug/l #	15
51) 4-Methyl-2-Pentanone	10.07	43	1669	0.627	ug/l #	1
71) Bromoform	12.39	173	536	0.406	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	60028	25.937	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	60028	63.977	ug/l #	12

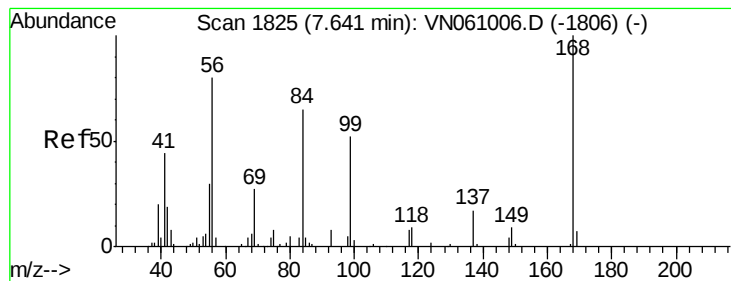
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041720\
Data File : VN061055.D
Acq On : 17 Apr 2020 16:54
Operator : JC/MD
Sample : L2337-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-403-405

Quant Time: Apr 20 01:32:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
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: VN061055.D

Acq: 17 Apr 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

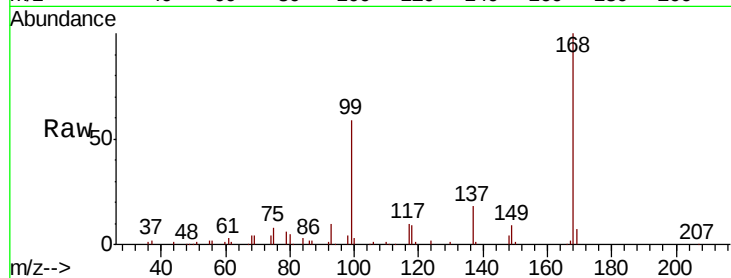
BP-VPB180-GW-403-405

Tot Ion:168 Resp: 147193

Ion Ratio Lower Upper

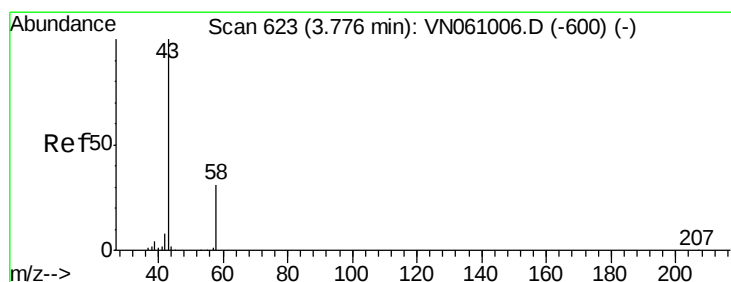
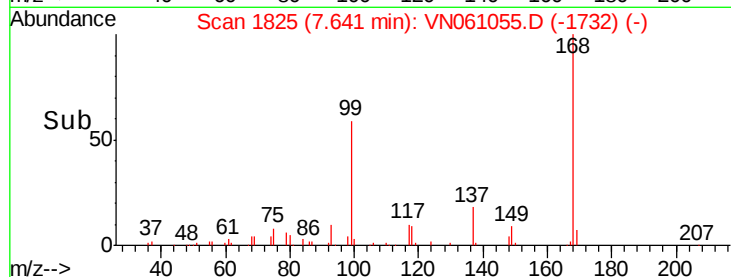
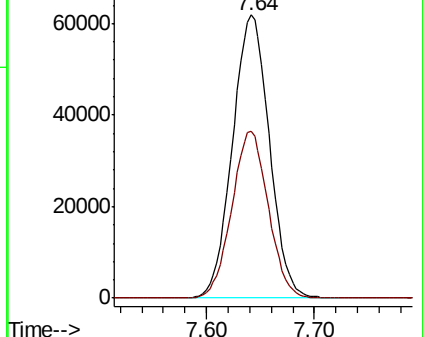
168 100

99 59.0 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN061006.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN061006.D (-1806) (-)



#16

Acetone

Concen: 3.348 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.02 min

Lab File: VN061055.D

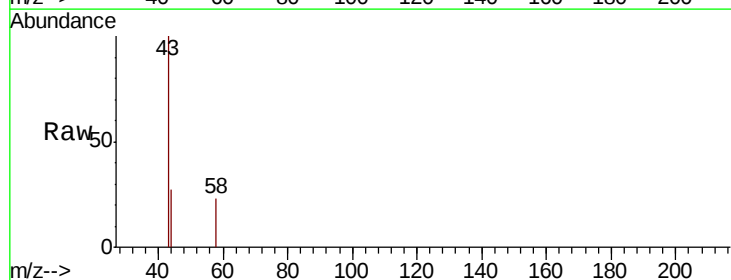
Acq: 17 Apr 2020 16:54

Tgt Ion: 43 Resp: 2775

Ion Ratio Lower Upper

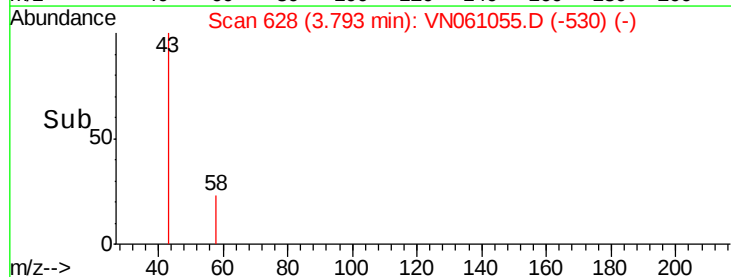
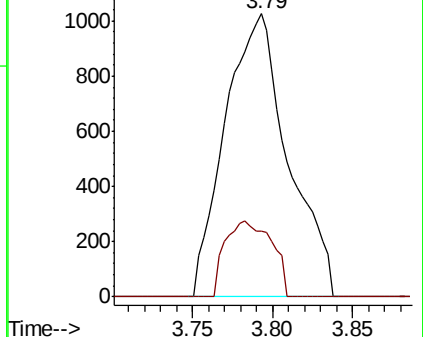
43 100

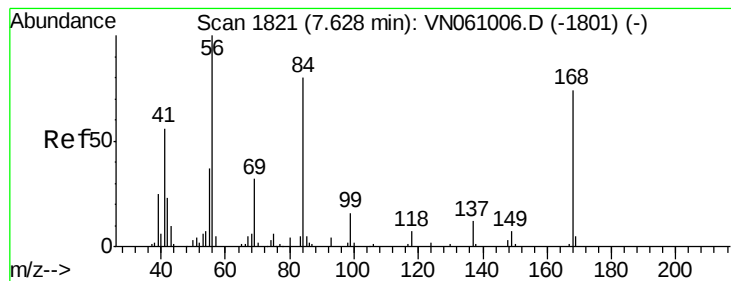
58 23.4 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN061006.D (-600) (-)





#31

Cyclohexane

Concen: 0.964 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VN061055.D

Acq: 17 Apr 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-403-405

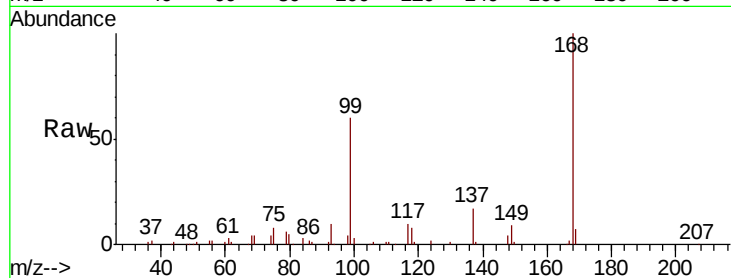
Tot Ion: 56 Resp: 3382

Ion Ratio Lower Upper

56 100

69 158.6 25.6 38.4#

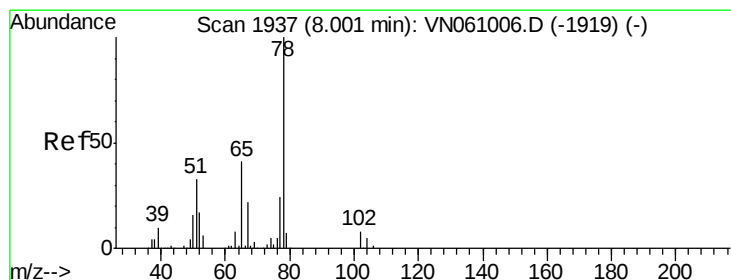
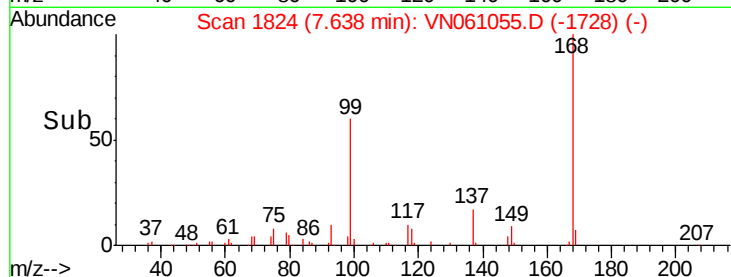
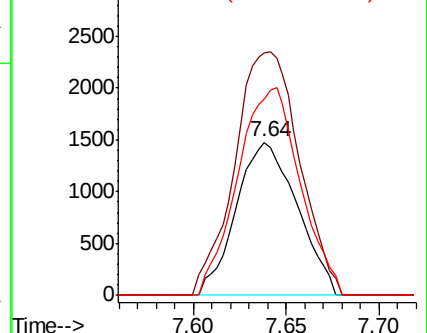
84 128.2 63.4 95.2#



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: 53.871 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061055.D

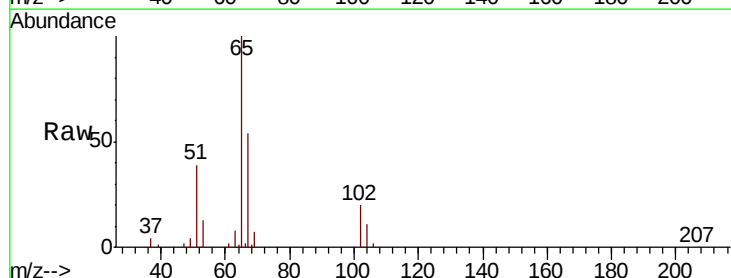
Acq: 17 Apr 2020 16:54

Tgt Ion: 65 Resp: 101452

Ion Ratio Lower Upper

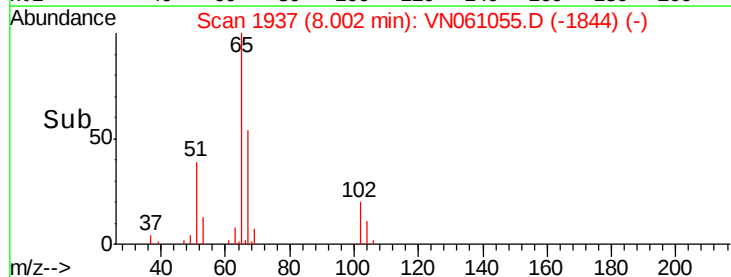
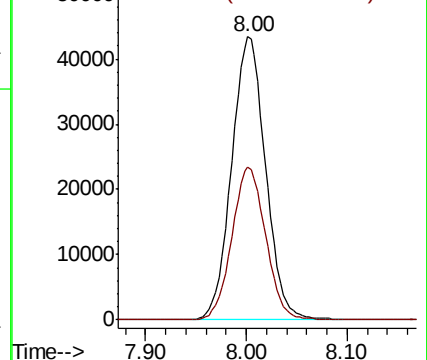
65 100

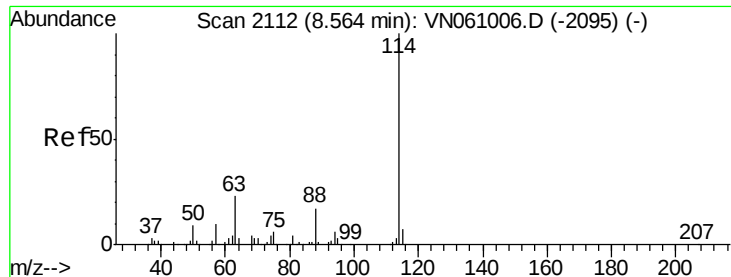
67 53.7 0.0 107.0



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

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

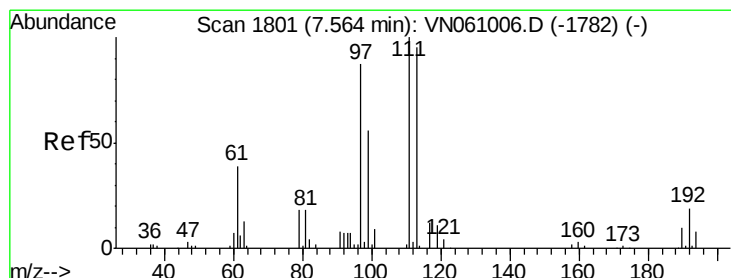
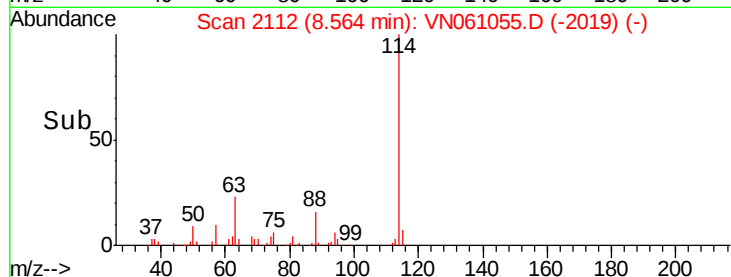
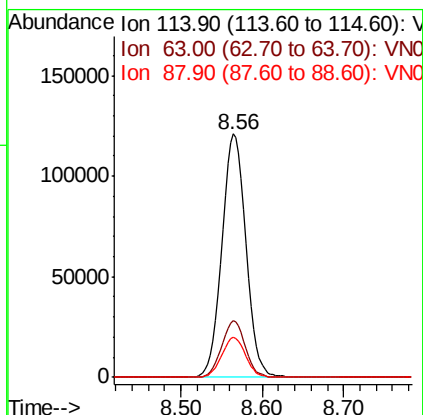
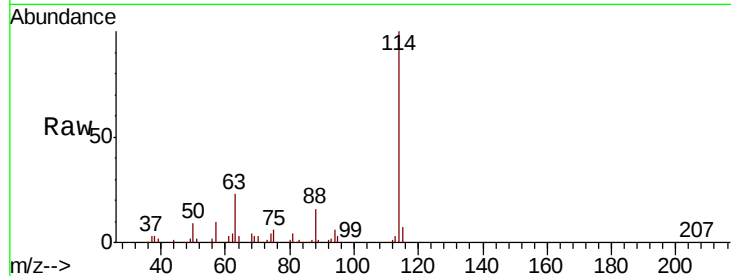




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061055.D
 Acq: 17 Apr 2020 16:54

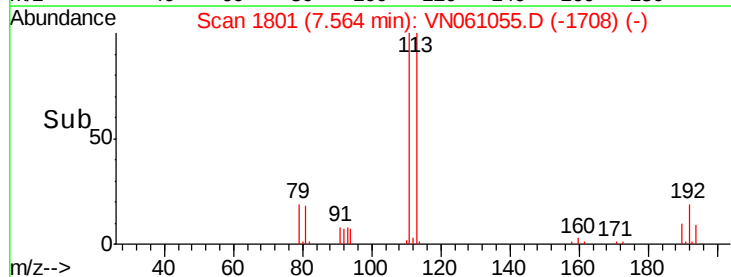
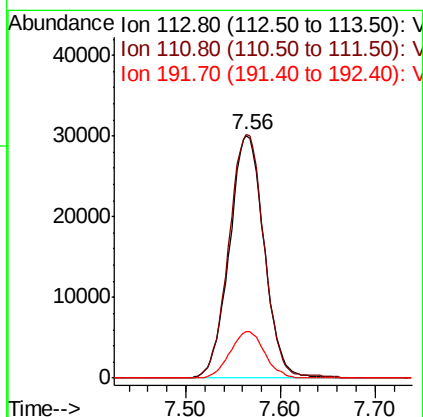
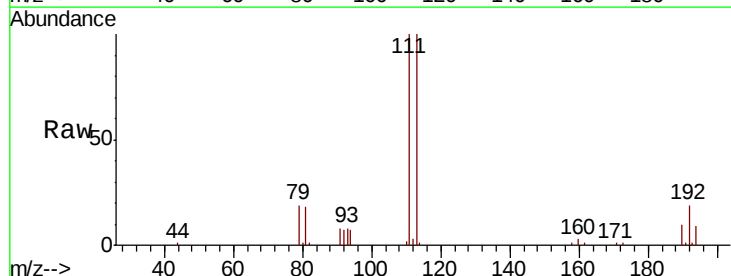
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-403-405

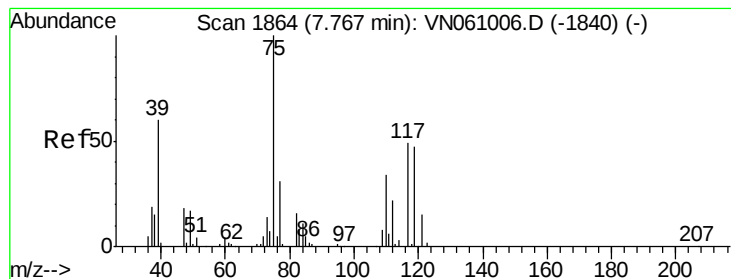
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	46.2
88	16.4	0.0	33.4



#35
 Dibromofluoromethane
 Concen: 51.849 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061055.D
 Acq: 17 Apr 2020 16:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.4	125.2
192	18.9	15.5	23.3





#36

1,1-Dichloropropene

Concen: 4.503 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.13 min

Lab File: VN061055.D

Acq: 17 Apr 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-403-405

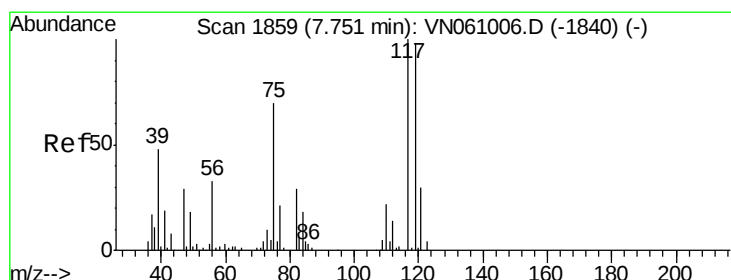
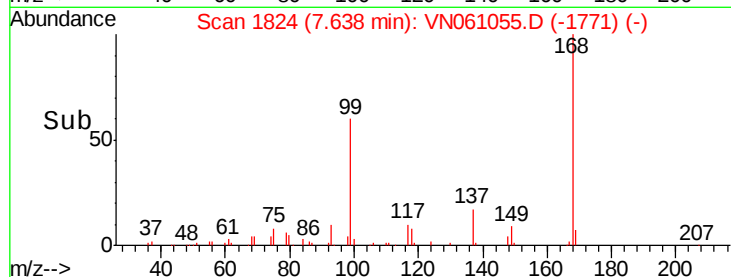
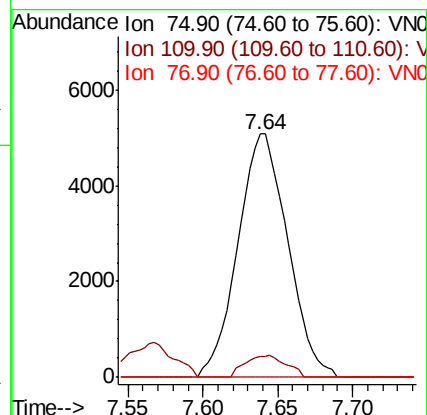
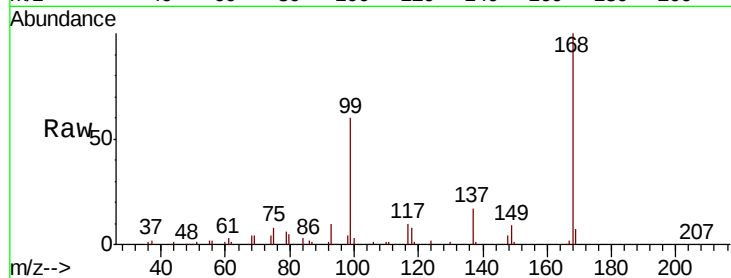
Tot Ion: 75 Resp: 11775

Ion Ratio Lower Upper

75 100

110 7.4 16.8 50.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.674 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN061055.D

Acq: 17 Apr 2020 16:54

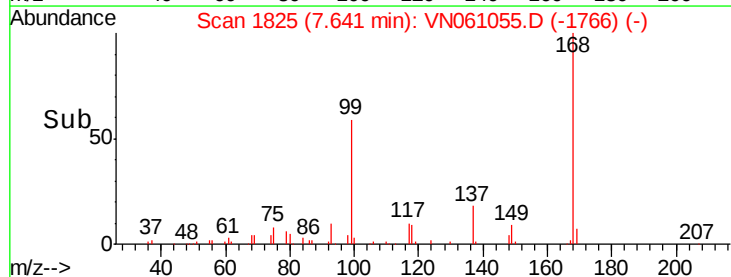
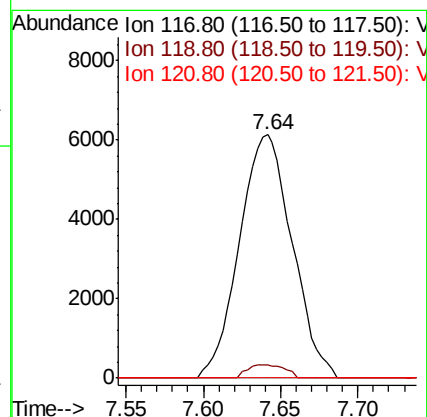
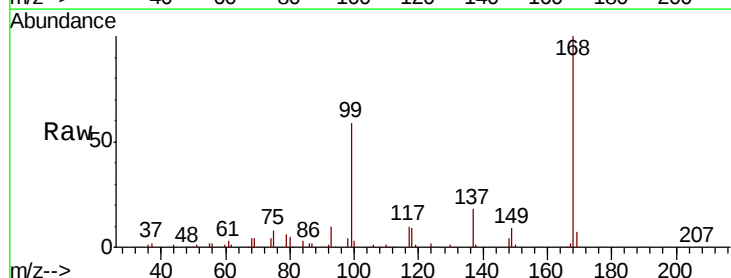
Tgt Ion: 117 Resp: 14528

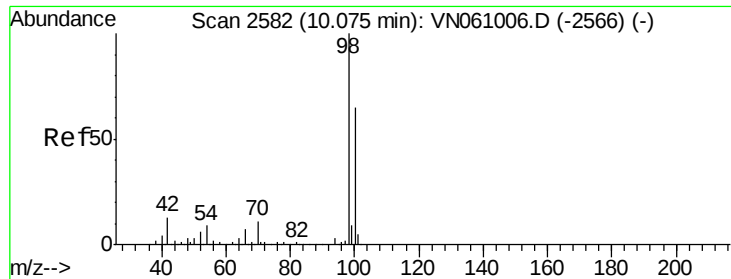
Ion Ratio Lower Upper

117 100

119 5.2 78.1 117.1#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 56.200 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061055.D

Acq: 17 Apr 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

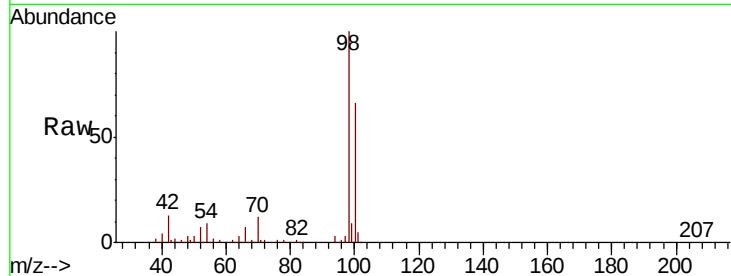
BP-VPB180-GW-403-405

Tot Ion: 98 Resp: 314303

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN061006.D (-2566) (-)

Ion 100.00 (99.70 to 100.70): VN061006.D (-2566) (-)

10.08

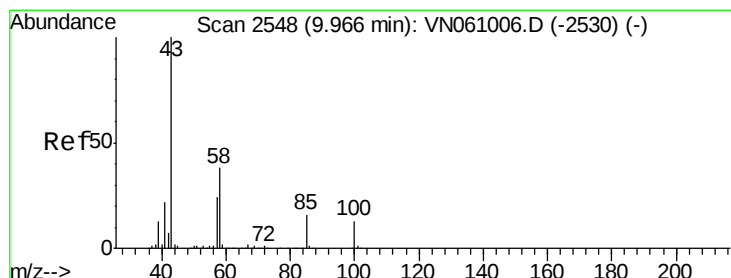
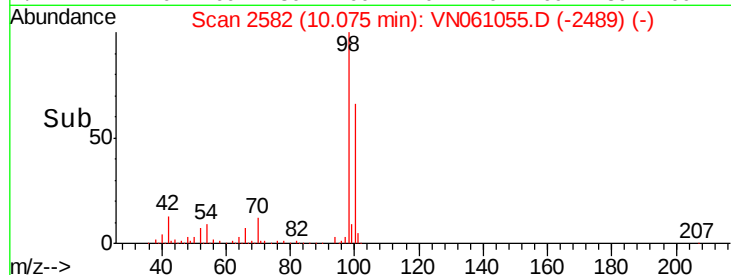
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.627 ug/l

RT: 10.07 min Scan# 2581

Delta R.T. 0.11 min

Lab File: VN061055.D

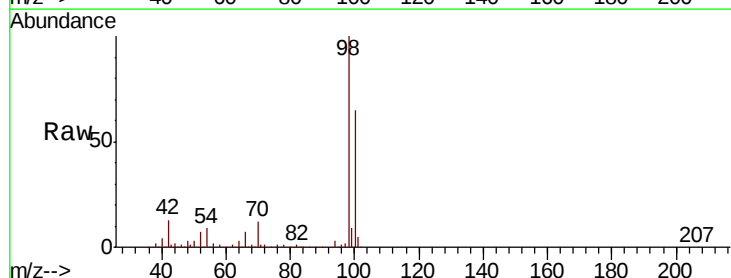
Acq: 17 Apr 2020 16:54

Tgt Ion: 43 Resp: 1669

Ion Ratio Lower Upper

43 100

58 161.3 30.3 45.5#



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-2530) (-)

Ion 58.00 (57.70 to 58.70): VN061006.D (-2530) (-)

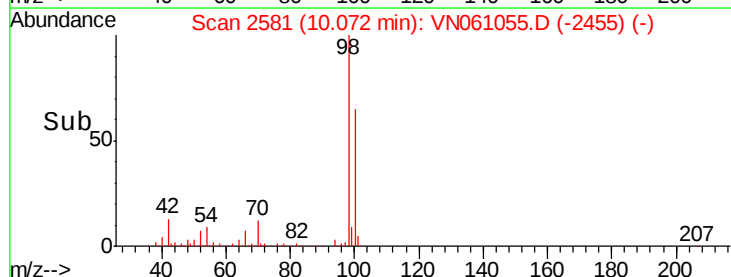
1500

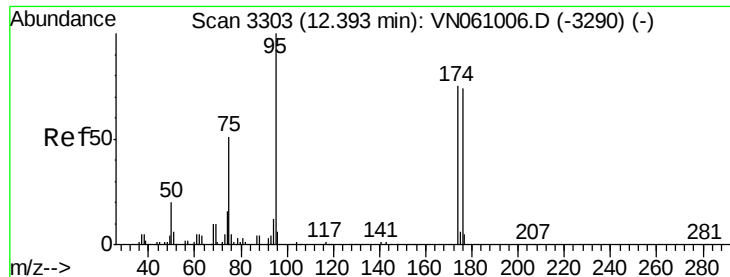
1000

500

0

Time-->

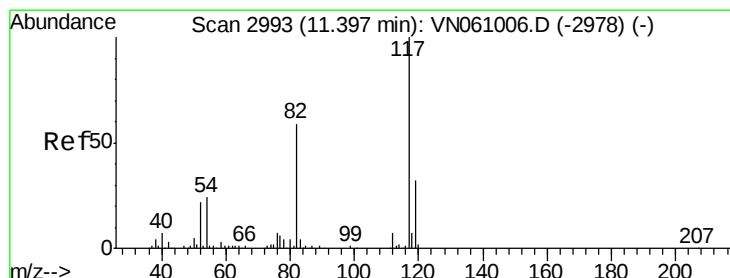
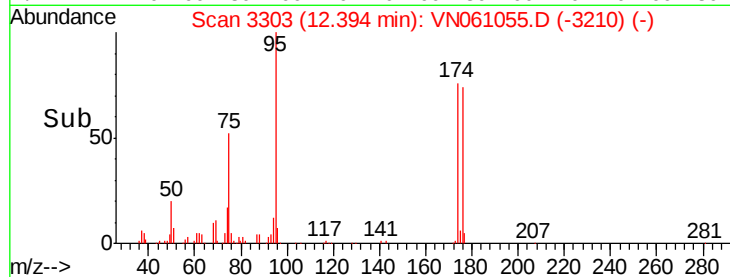
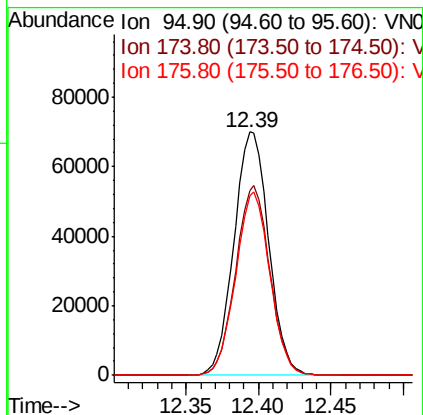
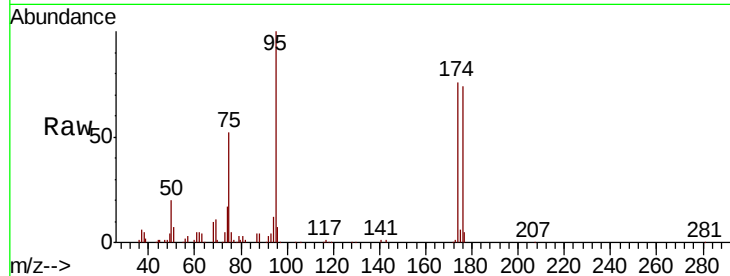




#62
 4-Bromofluorobenzene
 Concen: 53.221 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.00 min
 Lab File: VN061055.D
 Acq: 17 Apr 2020 16:54

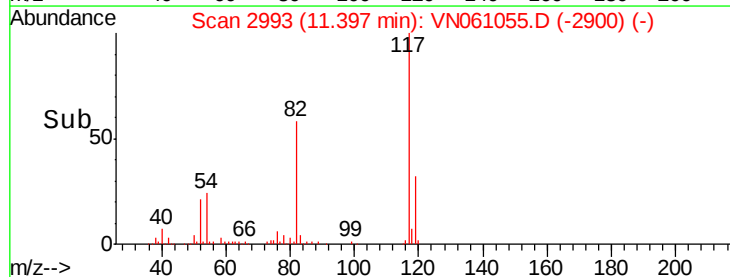
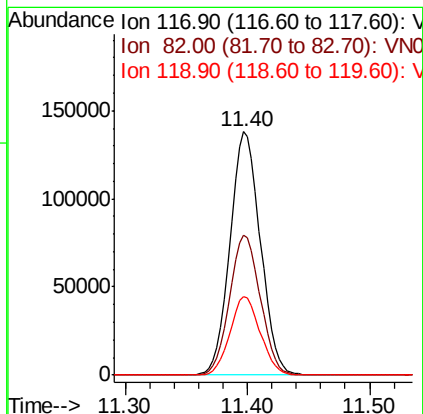
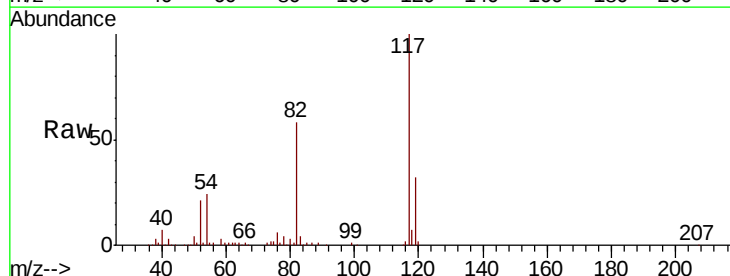
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-403-405

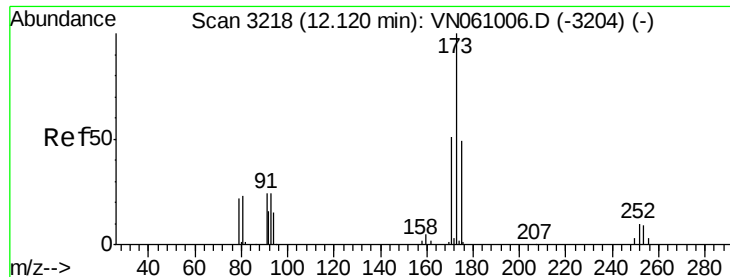
Tot Ion: 95 Resp: 116656
 Ion Ratio Lower Upper
 95 100
 174 76.9 0.0 151.2
 176 73.9 0.0 148.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.40 min Scan# 2993
 Delta R.T. 0.00 min
 Lab File: VN061055.D
 Acq: 17 Apr 2020 16:54

Tgt Ion: 117 Resp: 239513
 Ion Ratio Lower Upper
 117 100
 82 57.6 47.1 70.7
 119 32.4 25.7 38.5





#71

Bromoform

Concen: 0.406 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.27 min

Lab File: VN061055.D

Acq: 17 Apr 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-403-405

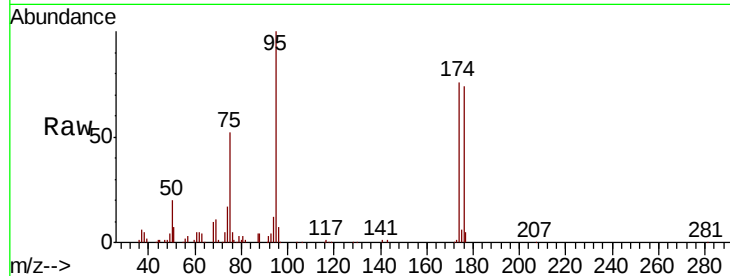
Tot Ion:173 Resp: 536

Ion Ratio Lower Upper

173 100

175 1087.9 24.5 73.5#

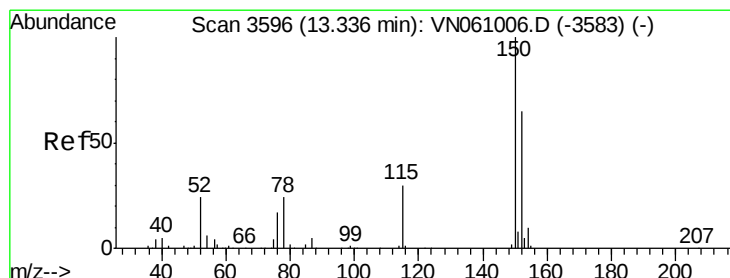
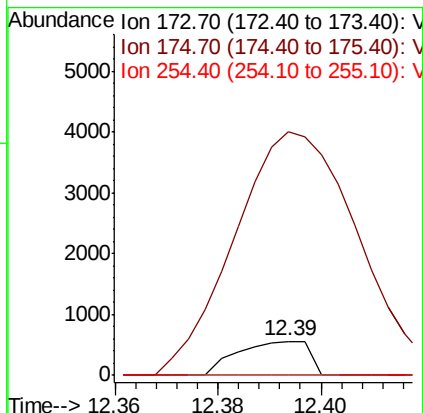
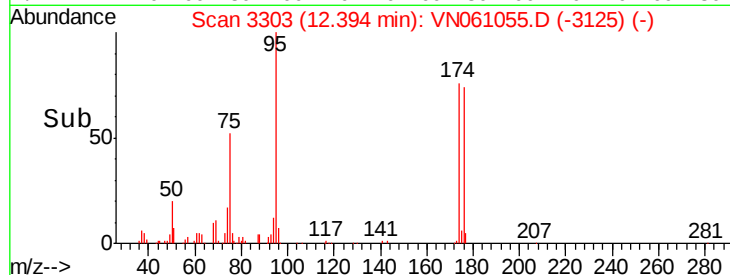
254 0.0 0.0 0.0



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: VN061055.D

Acq: 17 Apr 2020 16:54

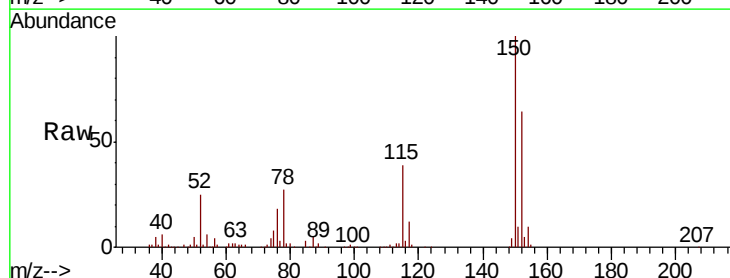
Tgt Ion:152 Resp: 105217

Ion Ratio Lower Upper

152 100

115 61.3 30.8 92.4

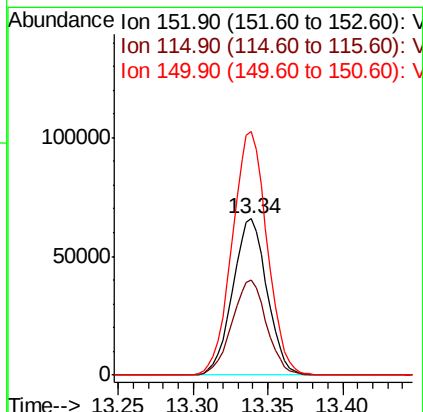
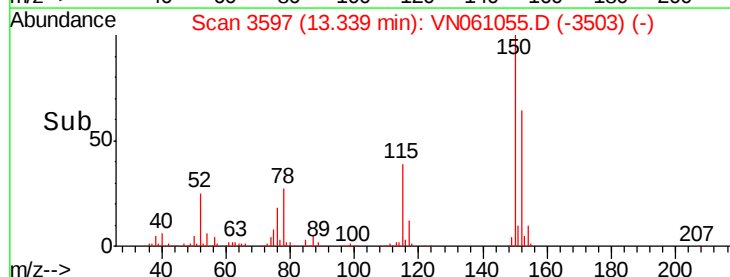
150 158.6 0.0 349.0

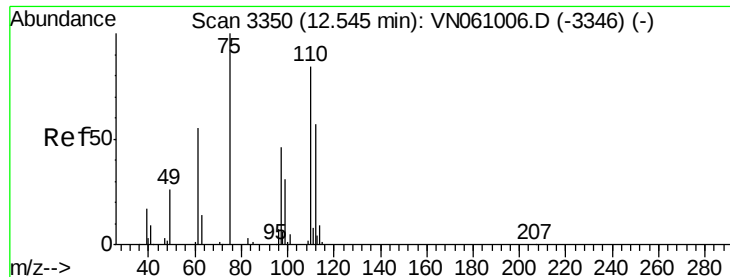


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 25.937 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061055.D

Acq: 17 Apr 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

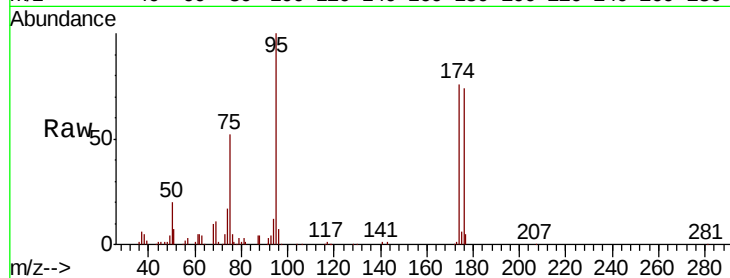
BP-VPB180-GW-403-405

Tot Ion: 75 Resp: 60028

Ion Ratio Lower Upper

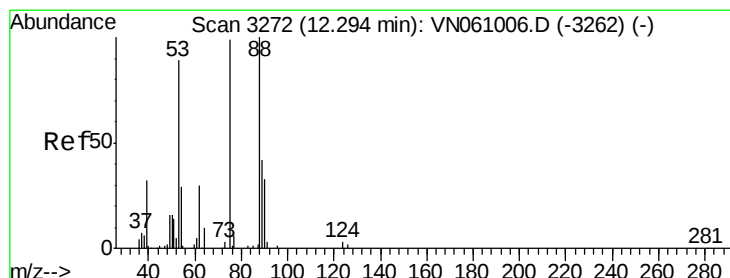
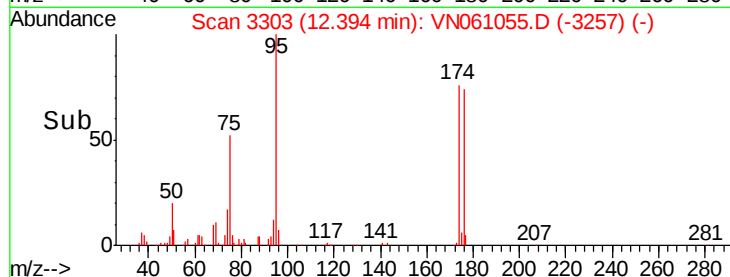
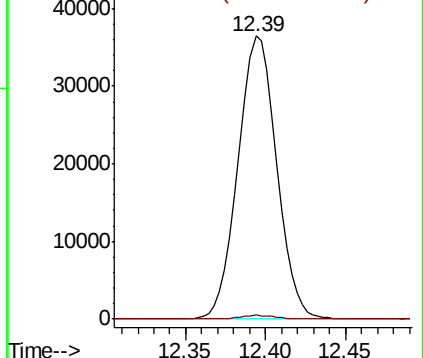
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 63.977 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN061055.D

Acq: 17 Apr 2020 16:54

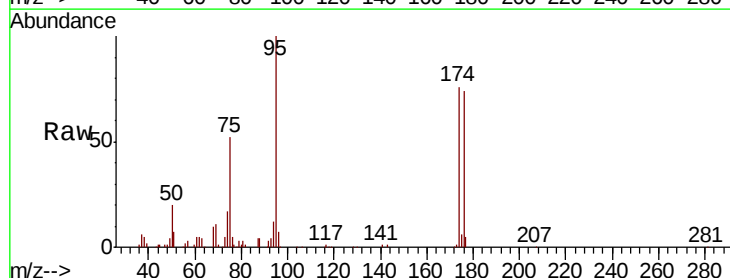
Tgt Ion: 75 Resp: 60028

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 34.6 52.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

