

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061054.D
 Acq On : 17 Apr 2020 16:31
 Operator : JC/MD
 Sample : L2337-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-363-365

Quant Time: Apr 20 01:32:42 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	152453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	259807	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	244919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	105045	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	103826	53.23	ug/l	0.00
Spiked Amount			Recovery	=	106.46%	
35) Dibromofluoromethane	7.56	113	77837	51.30	ug/l	0.00
Spiked Amount			Recovery	=	102.60%	
50) Toluene-d8	10.08	98	322527	56.25	ug/l	0.00
Spiked Amount			Recovery	=	112.50%	
62) 4-Bromofluorobenzene	12.39	95	119599	53.22	ug/l	0.00
Spiked Amount			Recovery	=	106.44%	

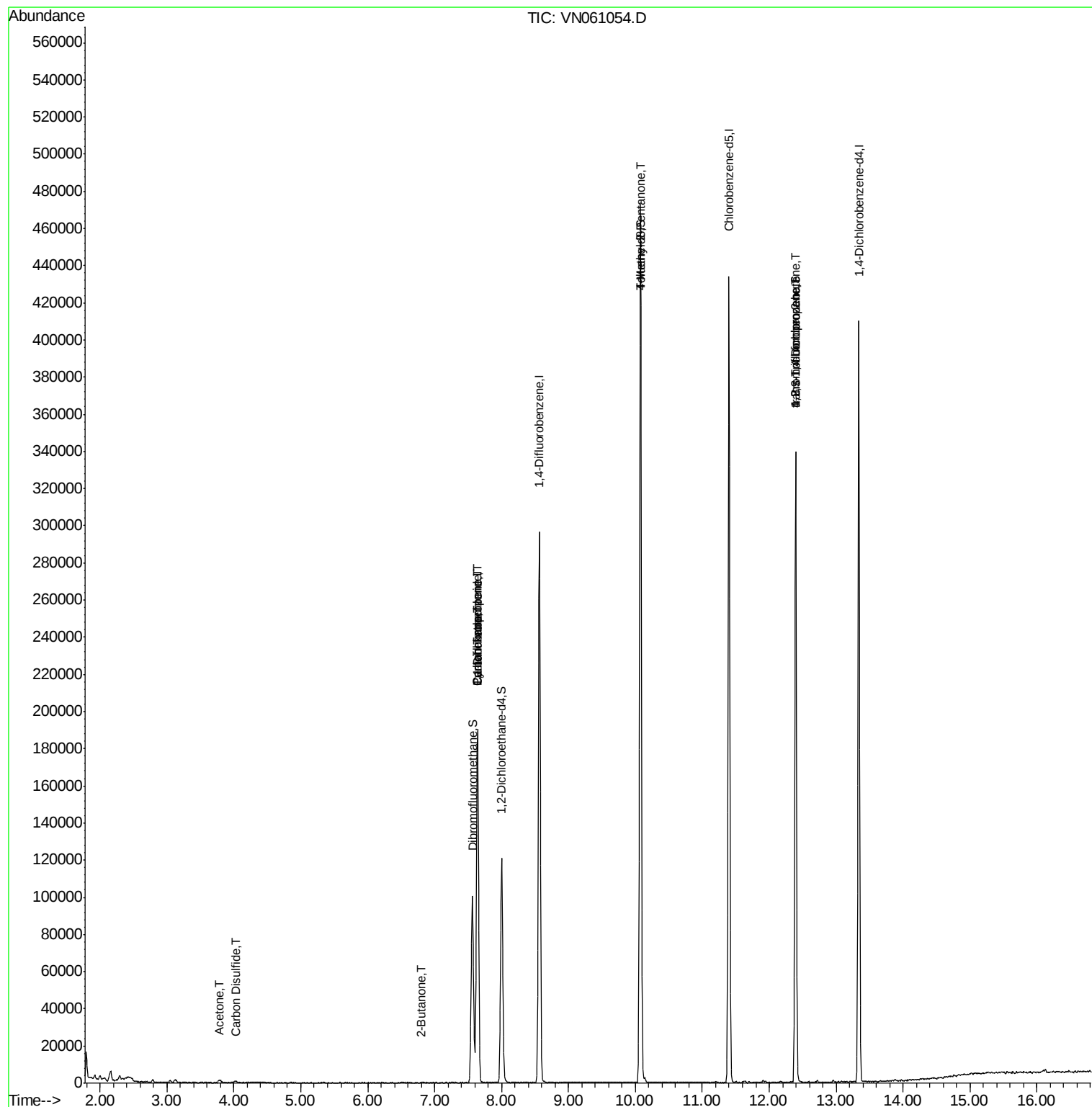
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	3006	3.501	ug/l #	89
17) Carbon Disulfide	4.03	76	1993	0.382	ug/l #	74
25) 2-Butanone	6.81	43	336	0.255	ug/l #	51
31) Cyclohexane	7.63	56	3335	0.918	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	12299	4.587	ug/l #	49
38) Carbon Tetrachloride	7.64	117	14891	6.673	ug/l #	16
51) 4-Methyl-2-Pentanone	10.08	43	1657	0.607	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	61999	26.833	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	61999	66.185	ug/l #	12

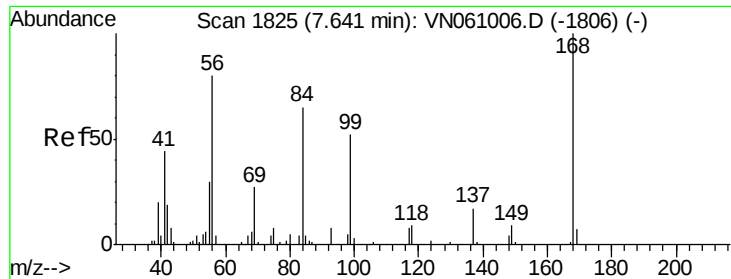
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN061054.D

Acq: 17 Apr 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

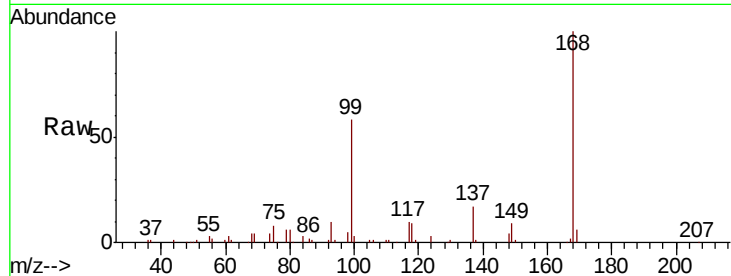
BP-VPB180-GW-363-365

Tot Ion:168 Resp: 152453

Ion Ratio Lower Upper

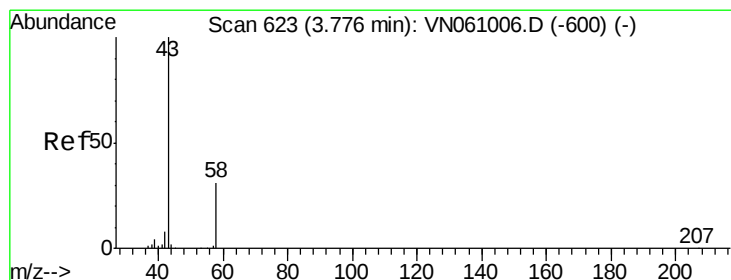
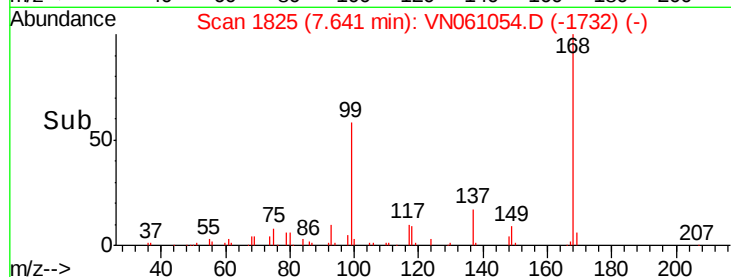
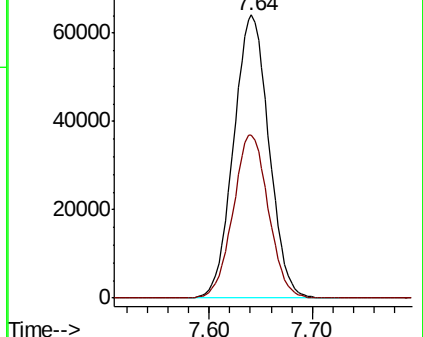
168 100

99 57.8 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: 3.501 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN061054.D

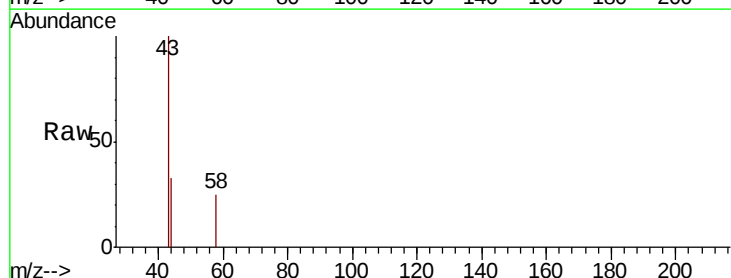
Acq: 17 Apr 2020 16:31

Tgt Ion: 43 Resp: 3006

Ion Ratio Lower Upper

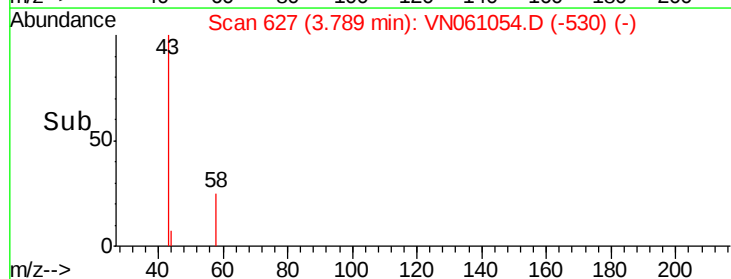
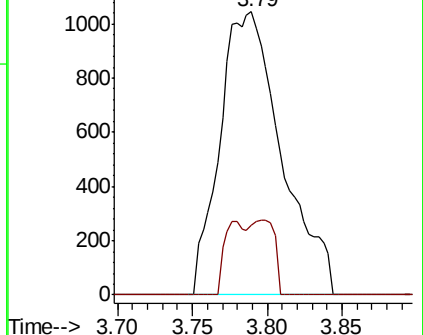
43 100

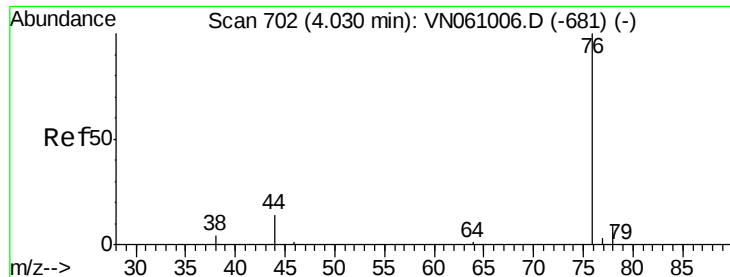
58 24.6 24.6 37.0#



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

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

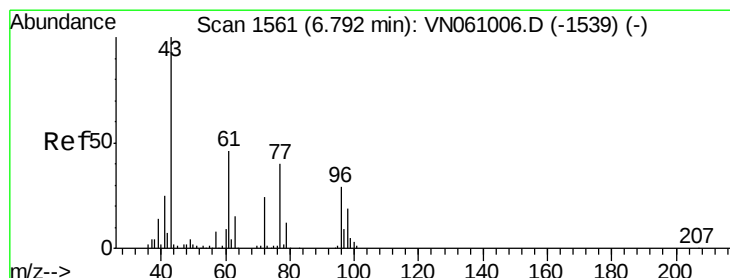
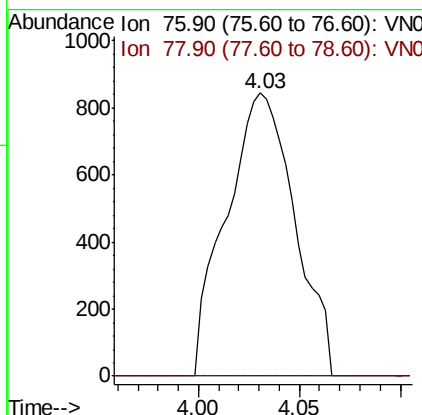
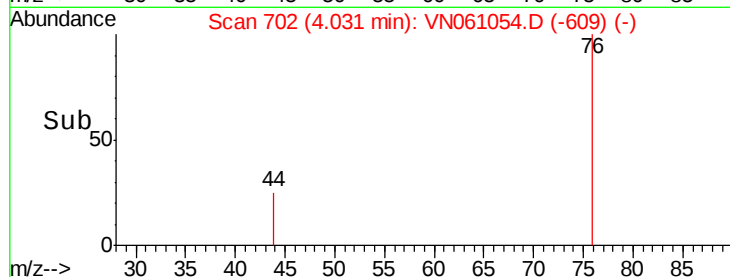
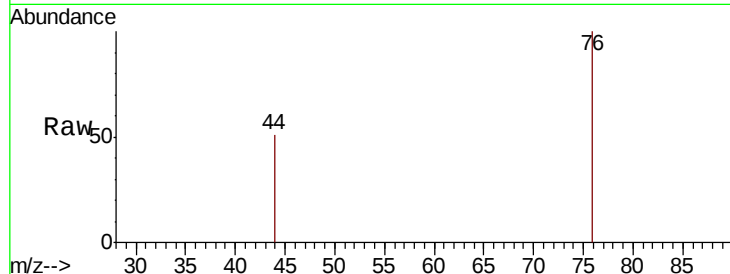




#17
Carbon Disulfide
Concen: 0.382 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN061054.D
Acq: 17 Apr 2020 16:31

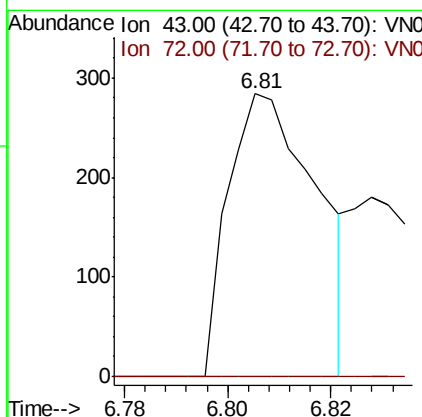
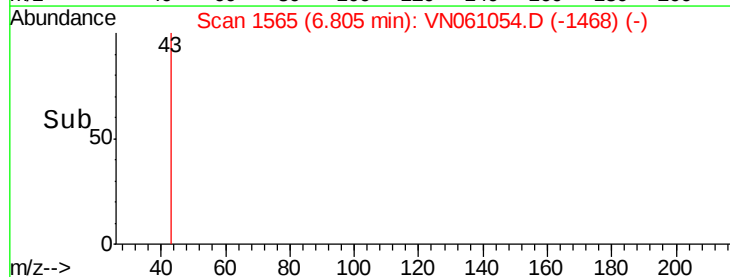
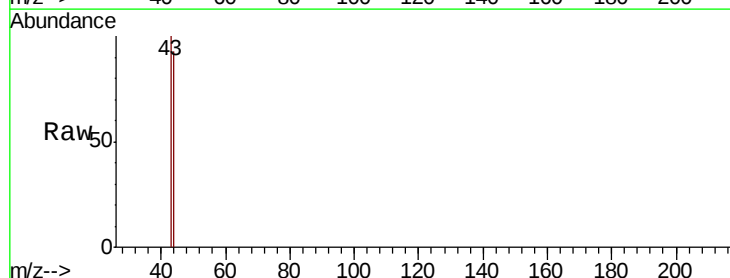
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-363-365

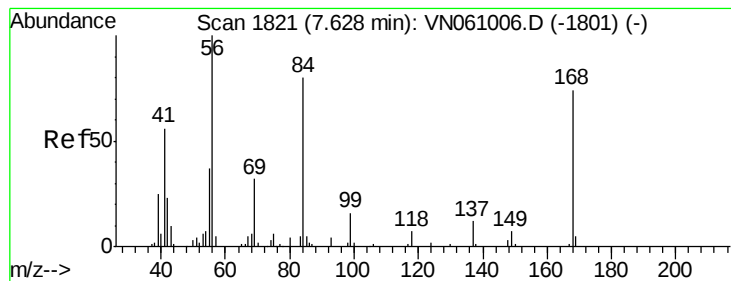
Tot Ion: 76 Resp: 1993
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



#25
2-Butanone
Concen: 0.255 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.01 min
Lab File: VN061054.D
Acq: 17 Apr 2020 16:31

Tgt Ion: 43 Resp: 336
Ion Ratio Lower Upper
43 100
72 0.0 19.6 29.4#





#31

Cyclohexane

Concen: 0.918 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VN061054.D

Acq: 17 Apr 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-363-365

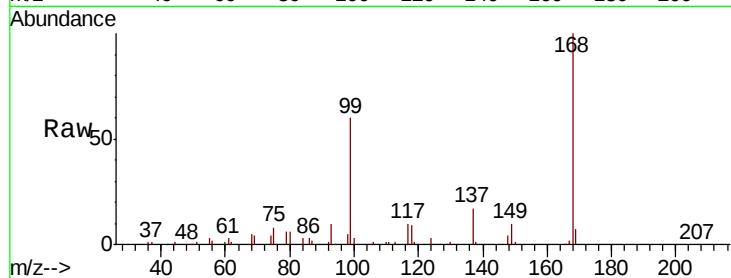
Tot Ion: 56 Resp: 3335

Ion Ratio Lower Upper

56 100

69 168.7 25.6 38.4#

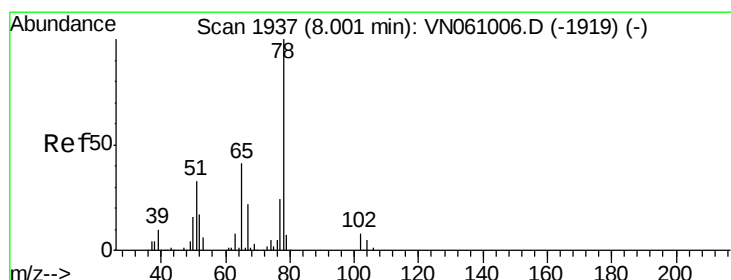
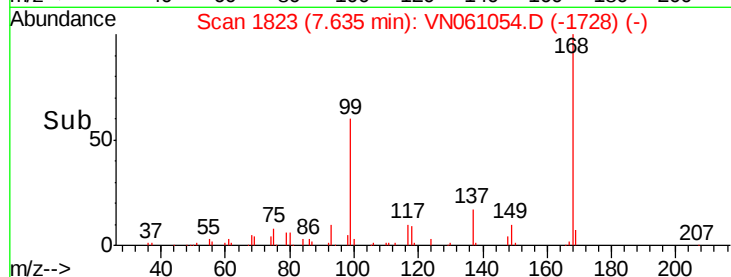
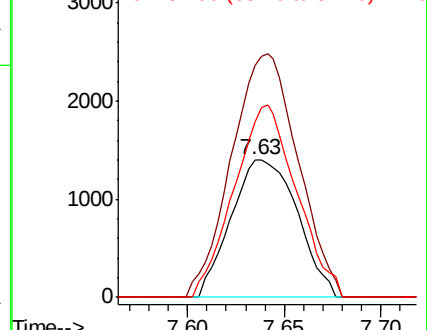
84 127.7 63.4 95.2#



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: 53.230 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061054.D

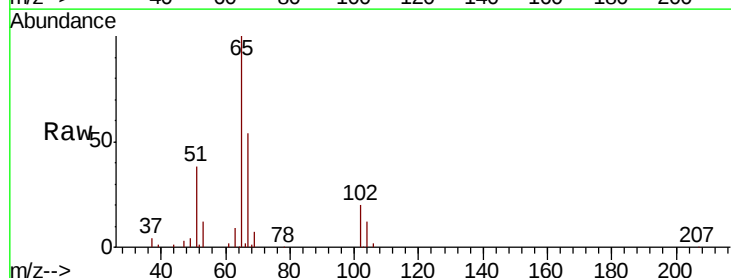
Acq: 17 Apr 2020 16:31

Tgt Ion: 65 Resp: 103826

Ion Ratio Lower Upper

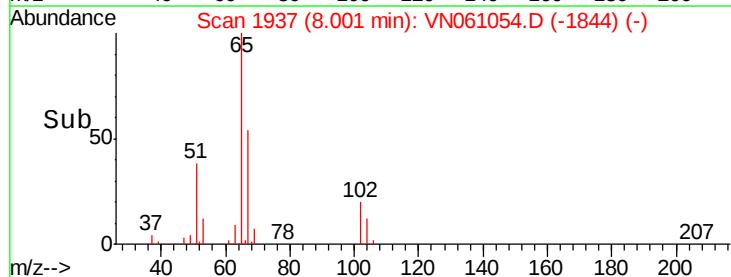
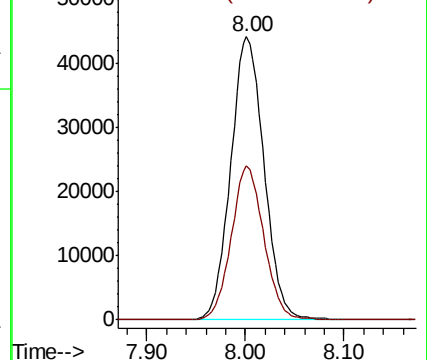
65 100

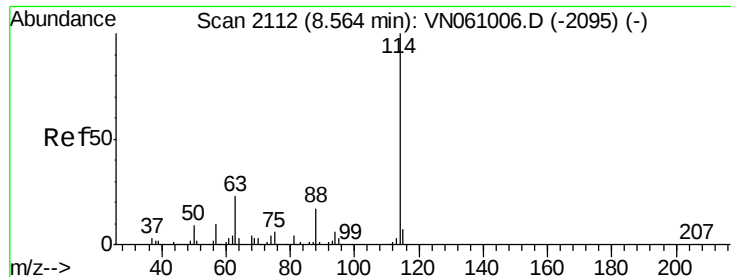
67 53.2 0.0 107.0



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: VN061054.D

Acq: 17 Apr 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-363-365

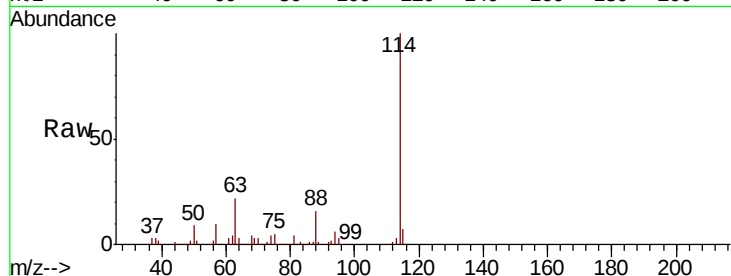
Tot Ion:114 Resp: 259807

Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.2

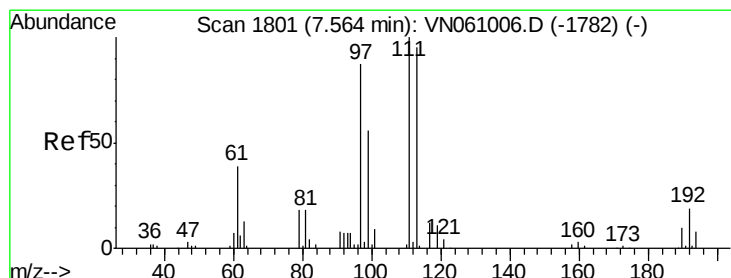
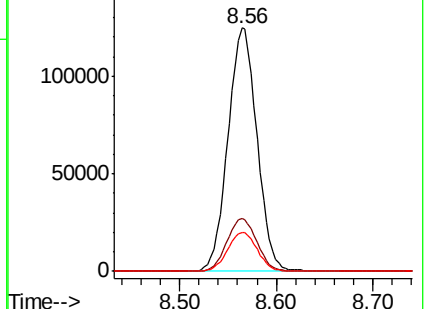
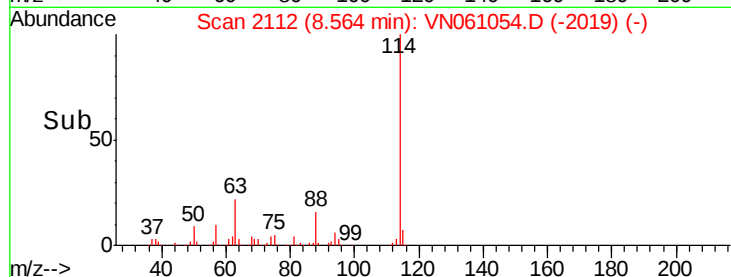
88 16.0 0.0 33.4



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: 51.302 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN061054.D

Acq: 17 Apr 2020 16:31

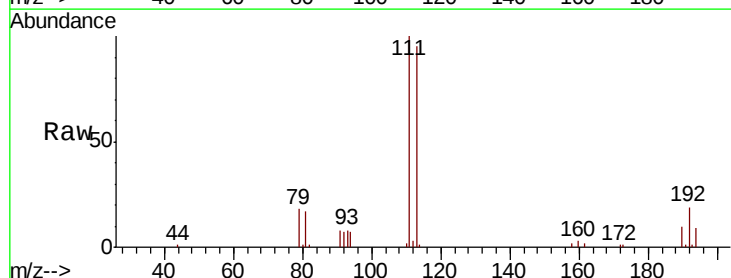
Tgt Ion:113 Resp: 77837

Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

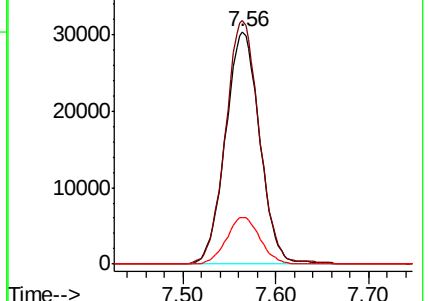
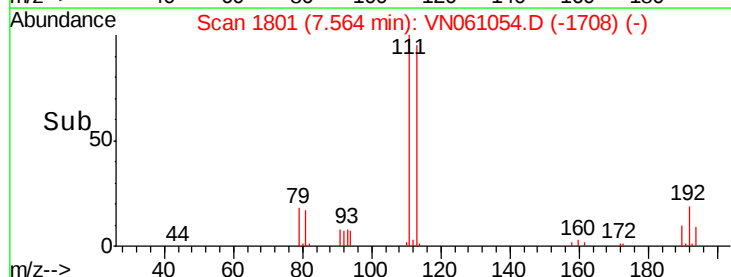
192 19.6 15.5 23.3

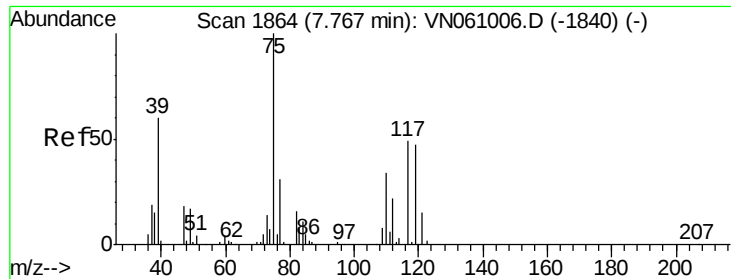


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

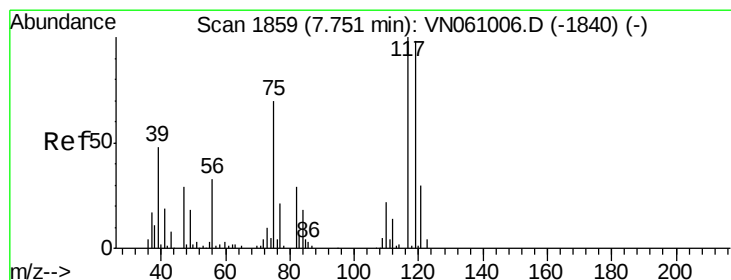
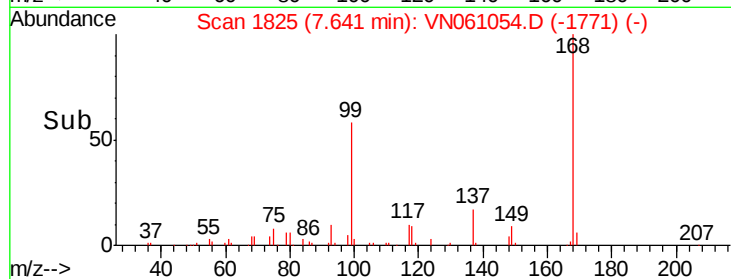
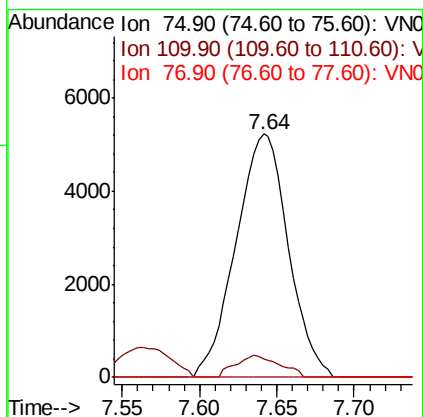
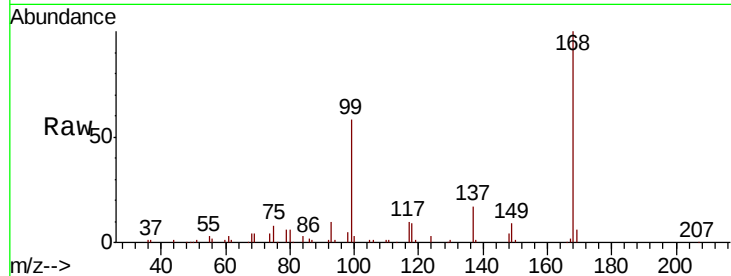




#36
 1,1-Dichloropropene
 Concen: 4.587 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN061054.D
 Acq: 17 Apr 2020 16:31

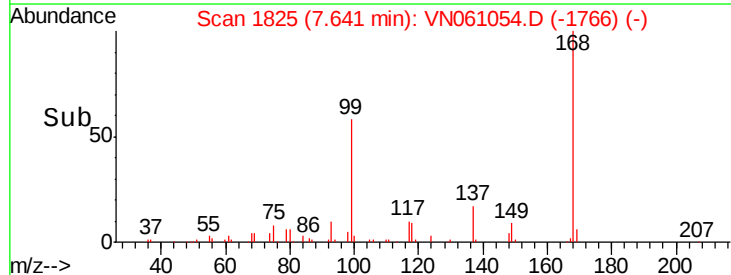
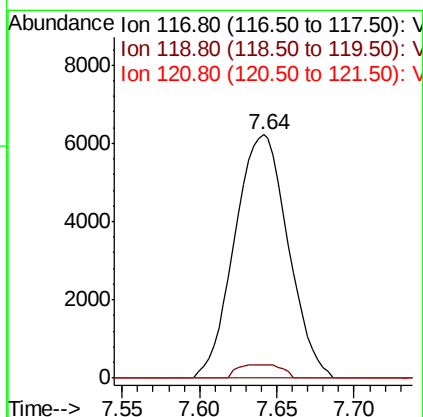
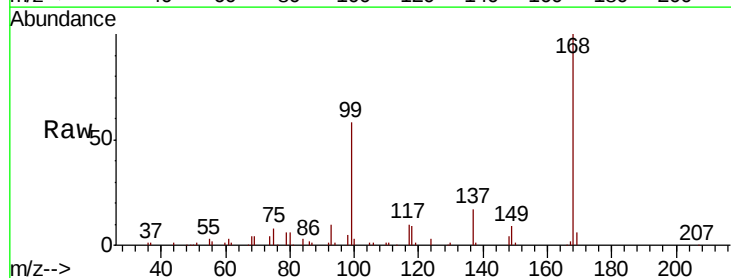
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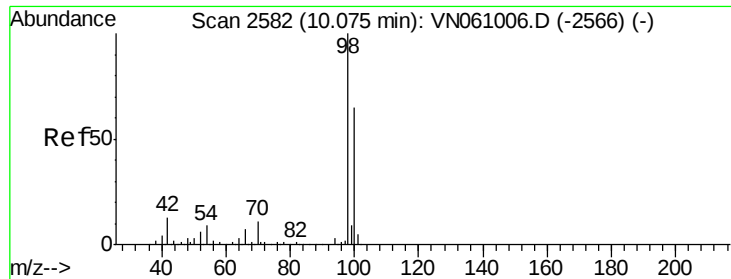
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.7	16.8	50.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.673 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN061054.D
 Acq: 17 Apr 2020 16:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	78.1	117.1#
121	0.0	24.0	36.0#





#50

Toluene-d8

Concen: 56.255 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061054.D

Acq: 17 Apr 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

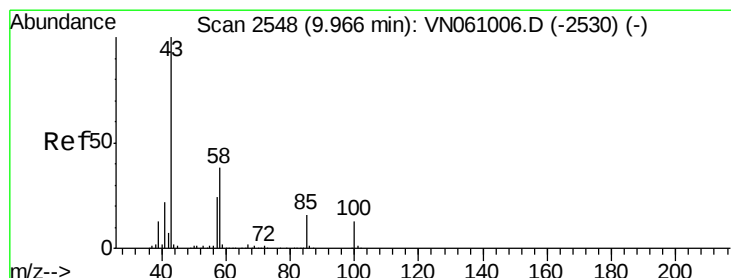
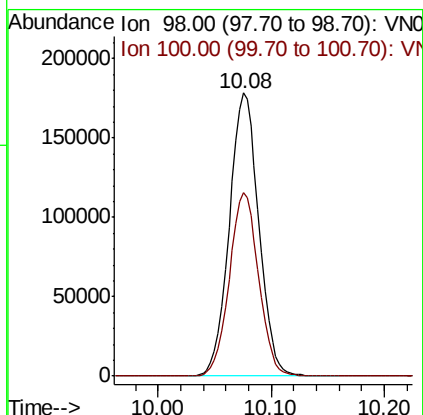
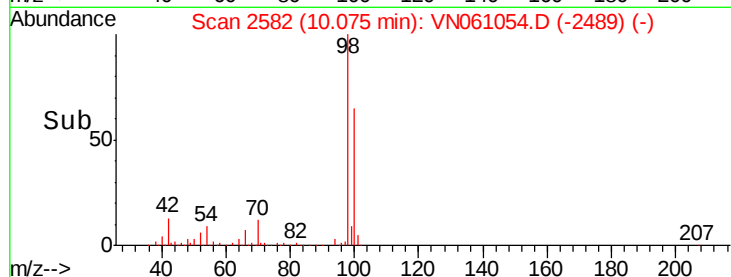
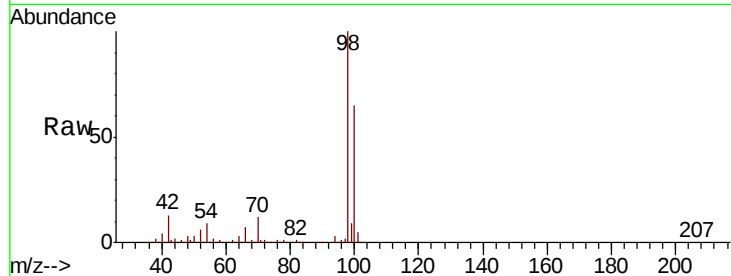
BP-VPB180-GW-363-365

Tot Ion: 98 Resp: 322527

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.607 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.11 min

Lab File: VN061054.D

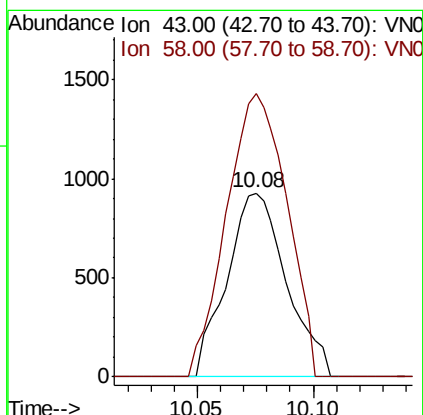
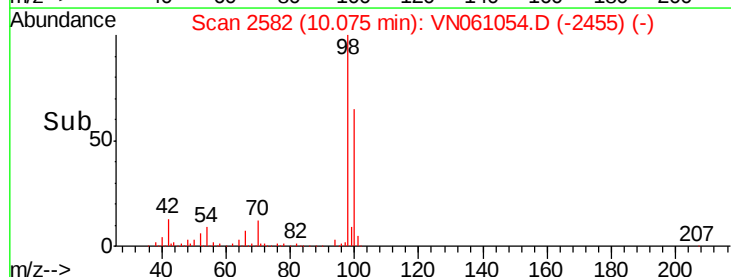
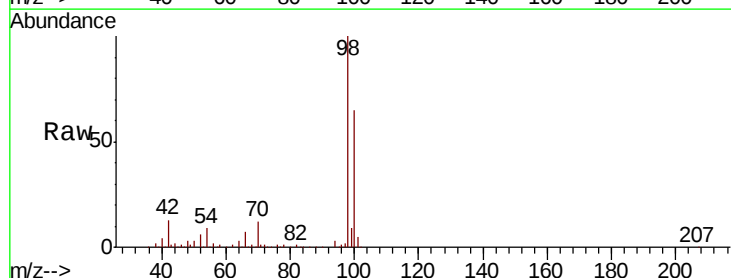
Acq: 17 Apr 2020 16:31

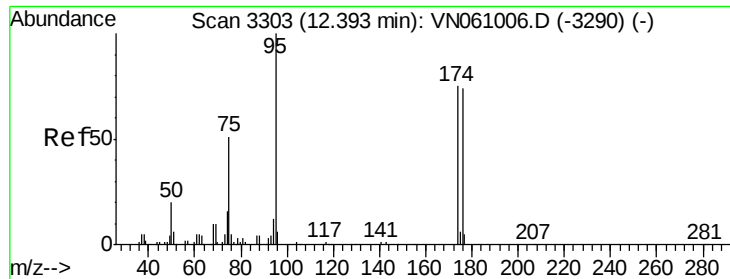
Tgt Ion: 43 Resp: 1657

Ion Ratio Lower Upper

43 100

58 155.9 30.3 45.5#





#62

4-Bromofluorobenzene

Concen: 53.225 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061054.D

Acq: 17 Apr 2020 16:31

Instrument :

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ClientSampleId :

BP-VPB180-GW-363-365

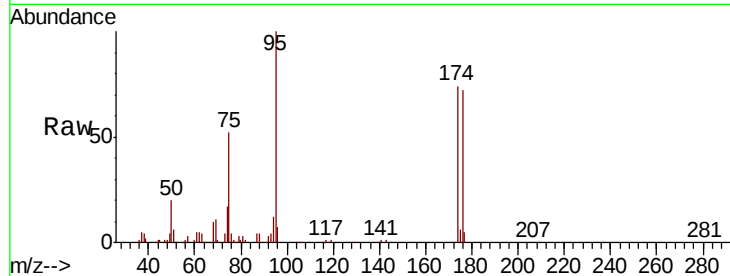
Tot Ion: 95 Resp: 119599

Ion Ratio Lower Upper

95 100

174 75.9 0.0 151.2

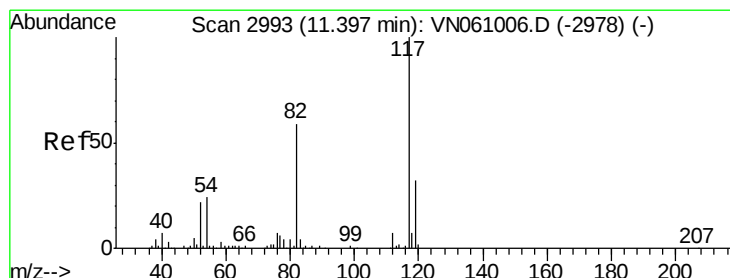
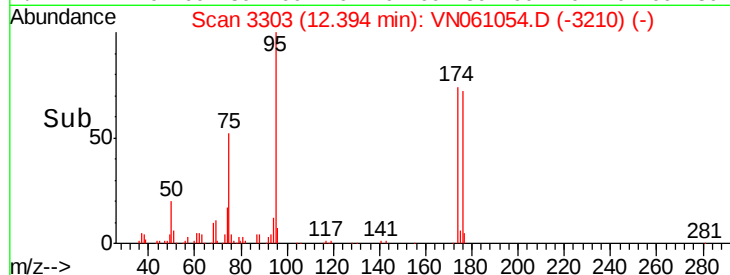
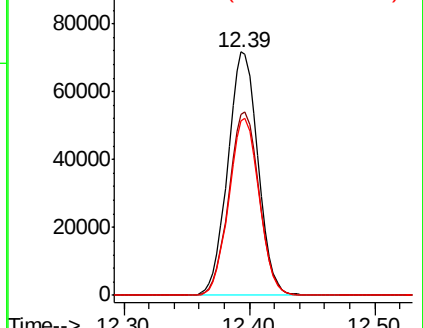
176 73.0 0.0 148.2



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# 2993

Delta R.T. 0.00 min

Lab File: VN061054.D

Acq: 17 Apr 2020 16:31

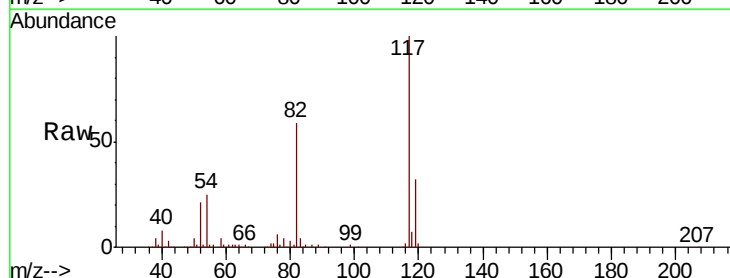
Tgt Ion: 117 Resp: 244919

Ion Ratio Lower Upper

117 100

82 59.1 47.1 70.7

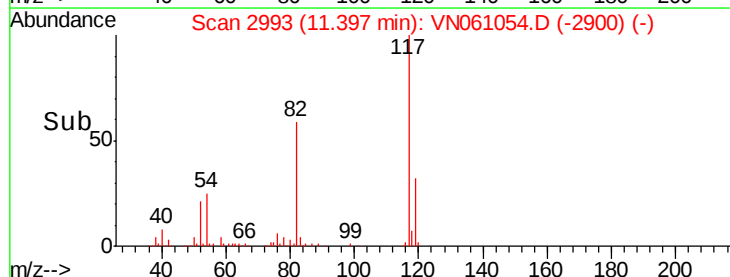
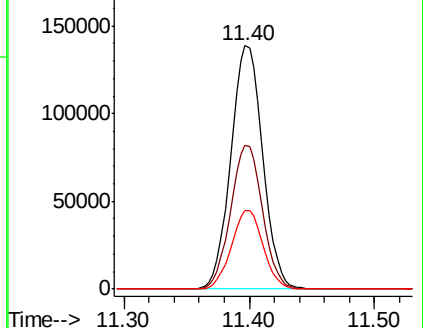
119 32.4 25.7 38.5

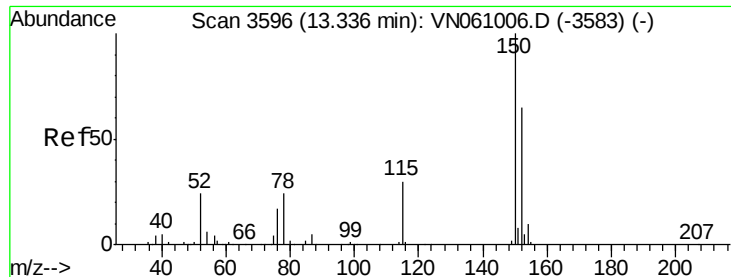


Abundance Ion 116.90 (116.60 to 117.60): VN061006.D (-2978) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061054.D

Acq: 17 Apr 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-363-365

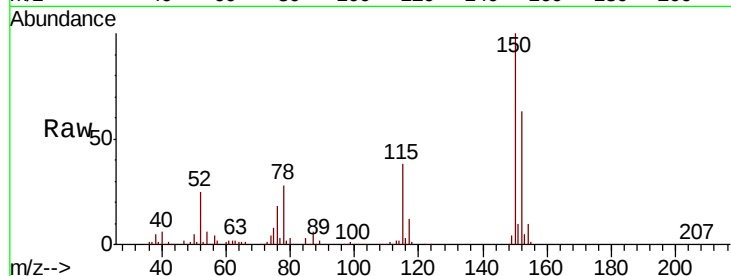
Tot Ion:152 Resp: 105045

Ion Ratio Lower Upper

152 100

115 60.8 30.8 92.4

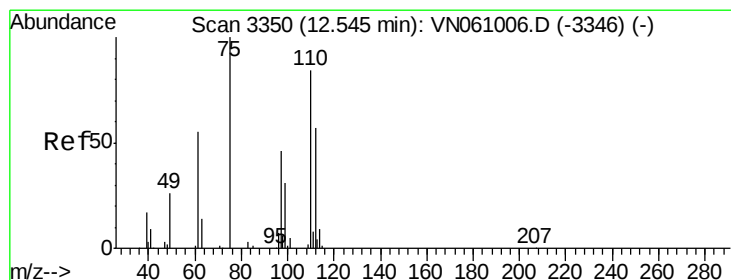
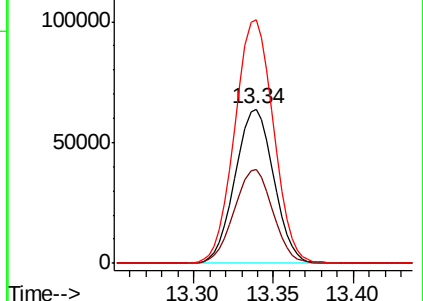
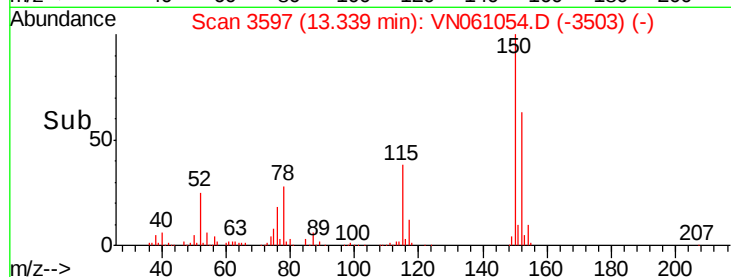
150 158.6 0.0 349.0



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: 26.833 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061054.D

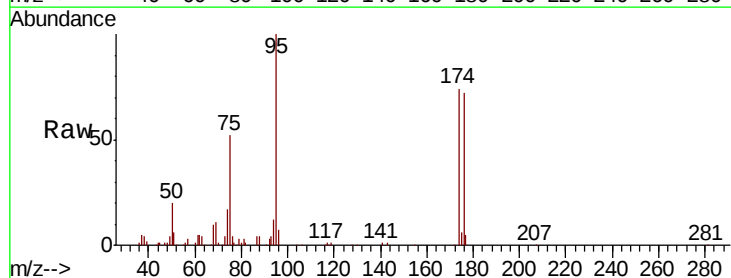
Acq: 17 Apr 2020 16:31

Tgt Ion: 75 Resp: 61999

Ion Ratio Lower Upper

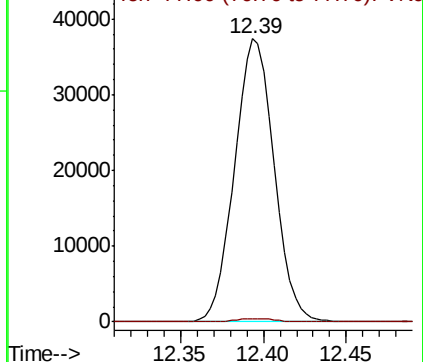
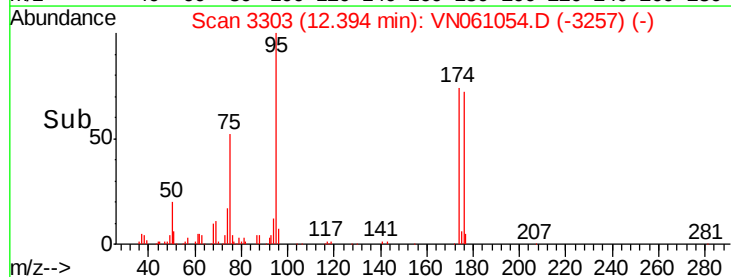
75 100

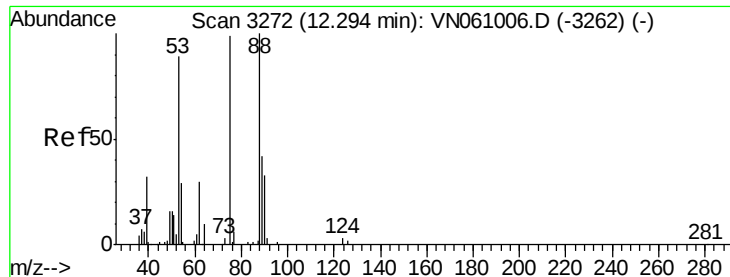
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 66.185 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN061054.D

Acq: 17 Apr 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-363-365

Tot Ion: 75 Resp: 61999

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 34.6 52.0#

