

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062861.D
 Acq On : 12 Aug 2020 16:34
 Operator : JC/MD
 Sample : L3666-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-GW-718-720

Quant Time: Aug 13 05:23:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	124566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	216131	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	220498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	83826	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	106910	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	
35) Dibromofluoromethane	7.55	113	75516	51.08	ug/l	0.00
Spiked Amount			Recovery	=	102.16%	
50) Toluene-d8	10.06	98	277058	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
62) 4-Bromofluorobenzene	12.38	95	103713	47.55	ug/l	0.00
Spiked Amount			Recovery	=	95.10%	

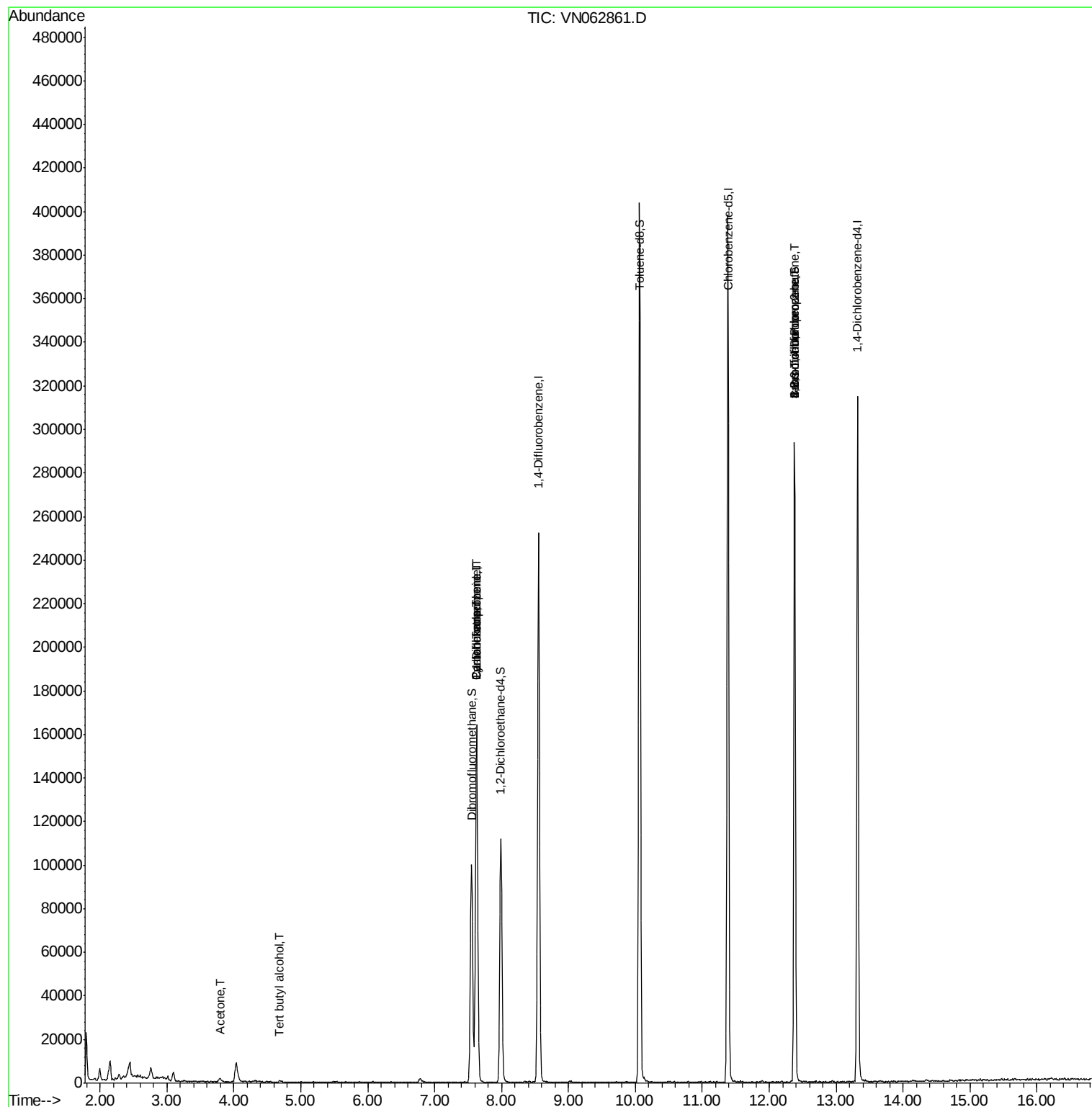
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.69	59	152	0.450	ug/l #	72
16) Acetone	3.79	43	2392	3.214	ug/l	89
17) Carbon Disulfide	4.01	76	67	Below Cal	#	74
18) Methyl Acetate	4.29	43	585	Below Cal	#	52
20) Methylene Chloride	4.50	84	29	Below Cal	#	5
31) Cyclohexane	7.62	56	3072	1.230	ug/l #	26
36) 1,1-Dichloropropene	7.63	75	10793	5.129	ug/l #	50
38) Carbon Tetrachloride	7.63	117	13407	5.387	ug/l #	15
71) Bromoform	12.37	173	533	0.352	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	57394	25.388	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	57394	77.502	ug/l #	10

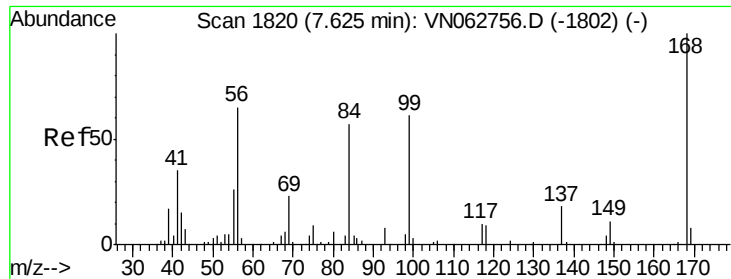
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081220\
Data File : VN062861.D
Acq On : 12 Aug 2020 16:34
Operator : JC/MD
Sample : L3666-07
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-GW-718-720

Quant Time: Aug 13 05:23:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062861.D

Acq: 12 Aug 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

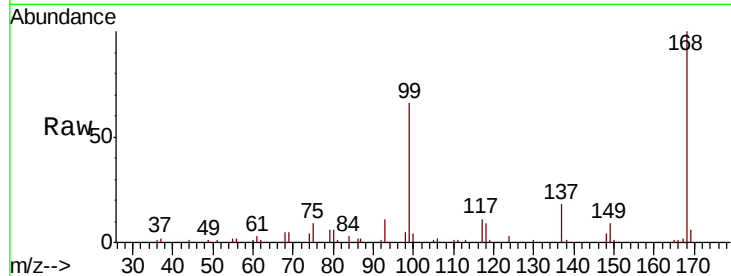
BP-VPB179-GW-718-720

Tot Ion:168 Resp: 124566

Ion Ratio Lower Upper

168 100

99 65.6 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): VN062756.D (-1802) (-)

Ion 98.90 (98.60 to 99.60): VN062756.D (-1802) (-)

7.63

60000

50000

40000

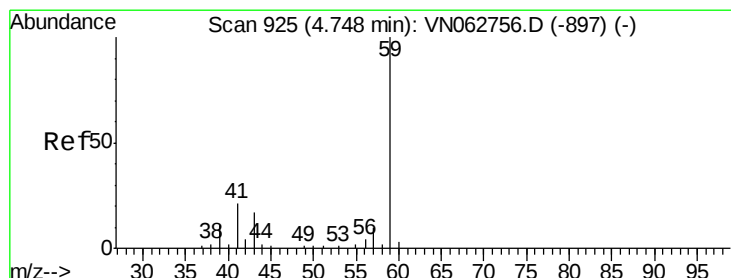
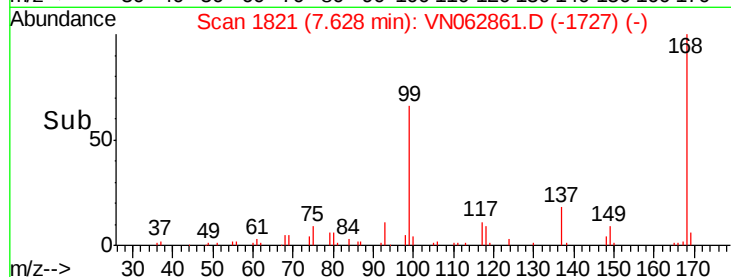
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.450 ug/l

RT: 4.69 min Scan# 907

Delta R.T. -0.06 min

Lab File: VN062861.D

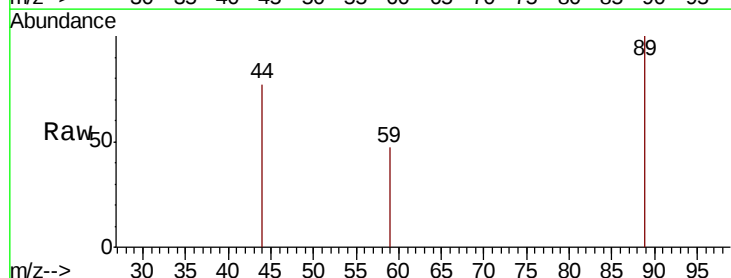
Acq: 12 Aug 2020 16:34

Tgt Ion: 59 Resp: 152

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN062756.D (-897) (-)

Ion 57.00 (56.70 to 57.70): VN062756.D (-897) (-)

4.69

250

200

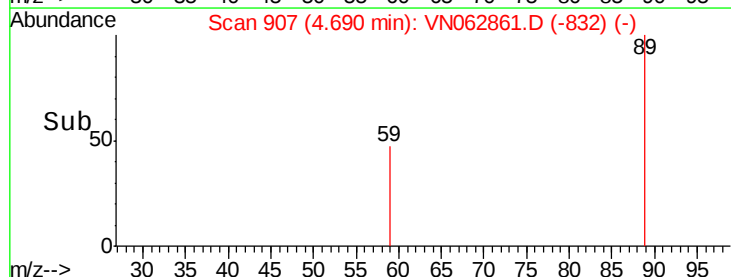
150

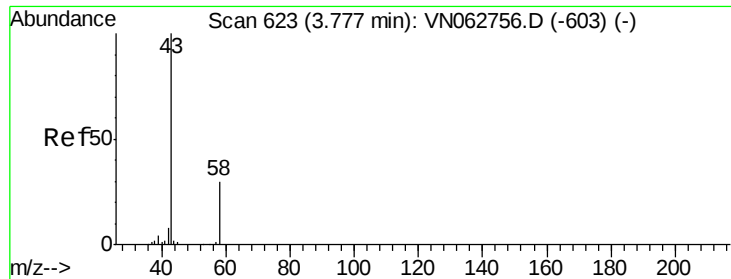
100

50

0

Time-->

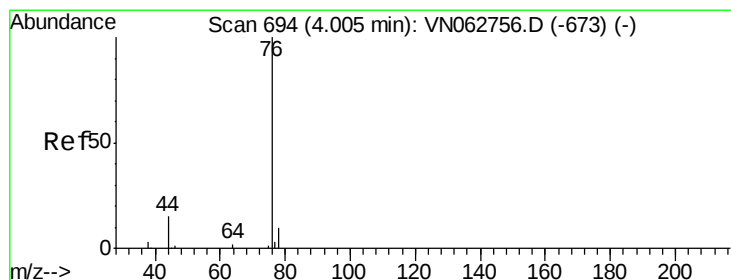
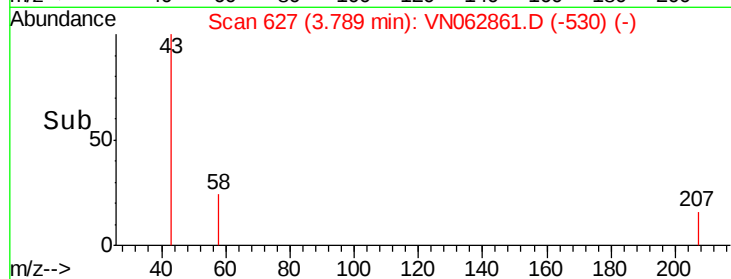
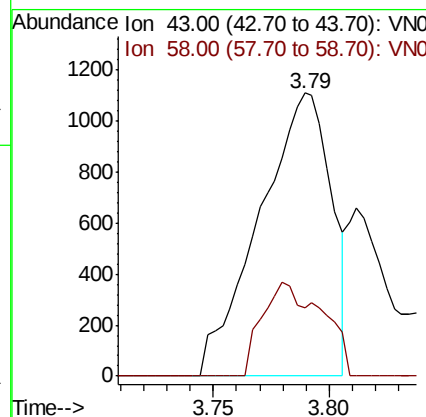
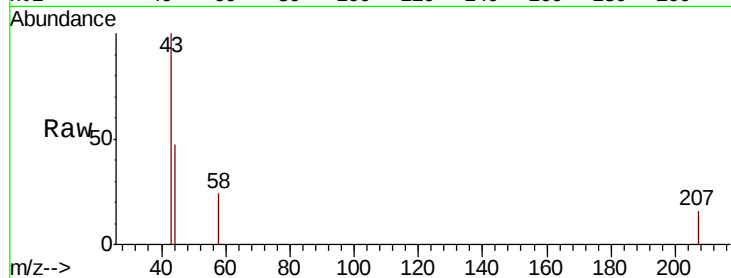




#16
Acetone
Concen: 3.214 ug/l
RT: 3.79 min Scan# 627
Delta R.T. 0.01 min
Lab File: VN062861.D
Acq: 12 Aug 2020 16:34

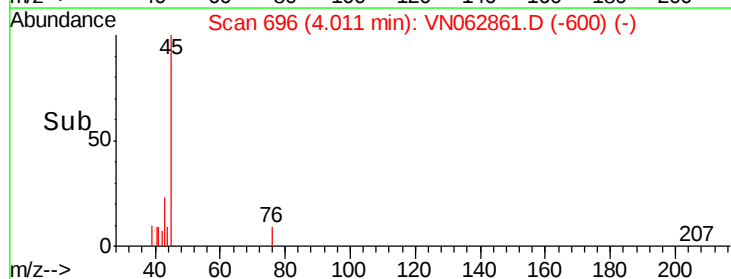
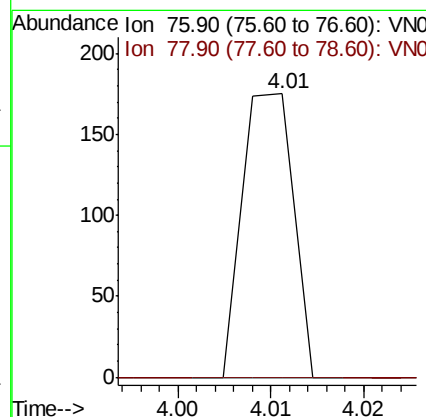
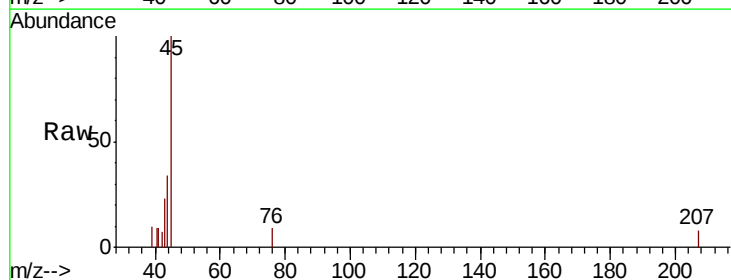
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-GW-718-720

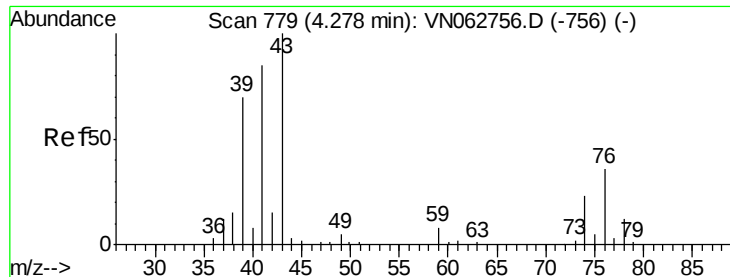
Tot Ion: 43 Resp: 2392
Ion Ratio Lower Upper
43 100
58 24.3 24.1 36.1



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.01 min Scan# 696
Delta R.T. 0.01 min
Lab File: VN062861.D
Acq: 12 Aug 2020 16:34

Tgt Ion: 76 Resp: 67
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#

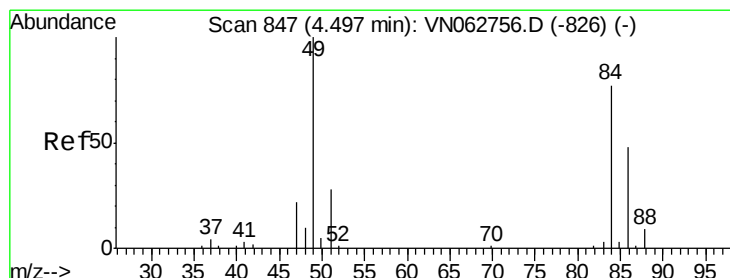
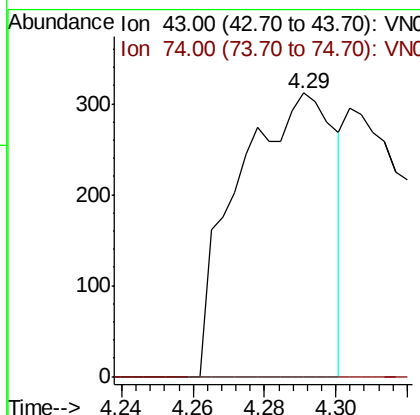
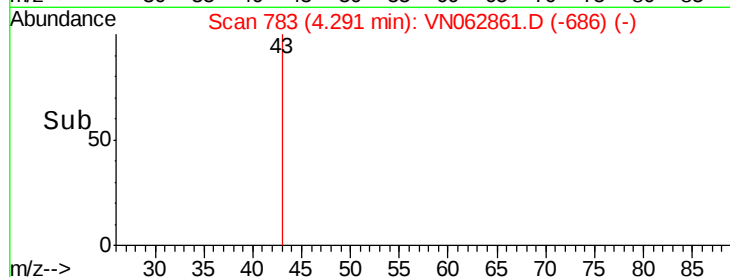
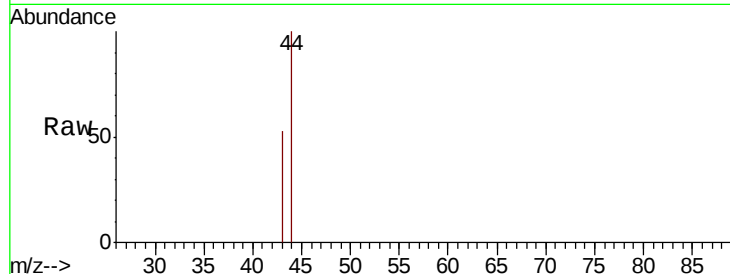




#18
Methyl Acetate
Concen: Below Cal
RT: 4.29 min Scan# 783
Delta R.T. 0.01 min
Lab File: VN062861.D
Acq: 12 Aug 2020 16:34

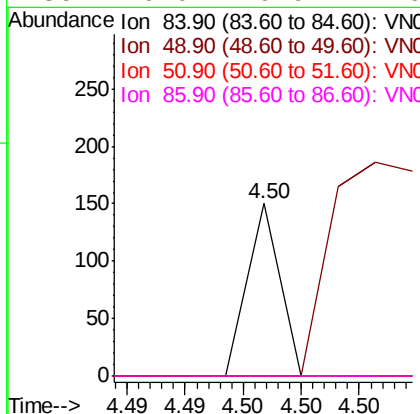
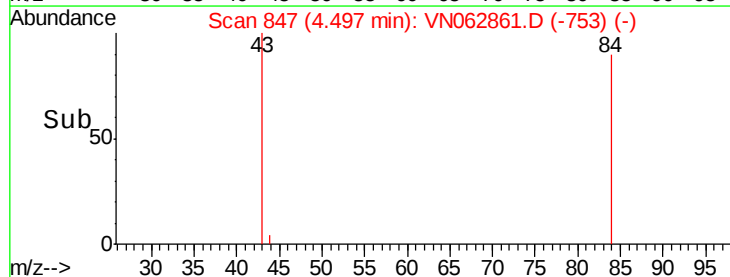
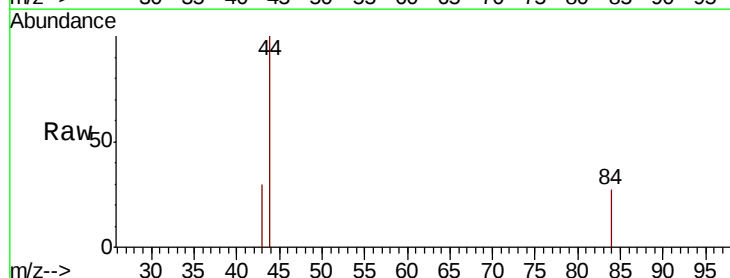
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-GW-718-720

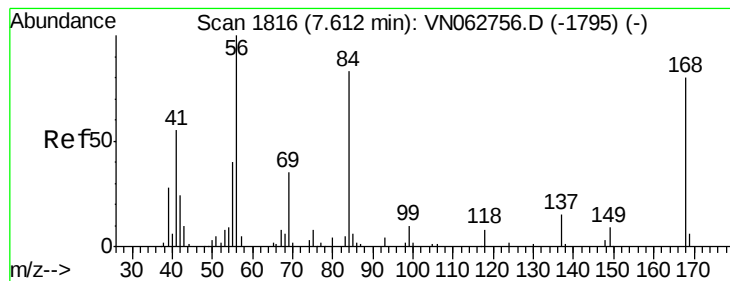
Tot Ion: 43 Resp: 585
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.50 min Scan# 847
Delta R.T. 0.00 min
Lab File: VN062861.D
Acq: 12 Aug 2020 16:34

Tgt Ion: 84 Resp: 29
Ion Ratio Lower Upper
84 100
49 0.0 103.4 155.2#
51 0.0 29.3 43.9#
86 0.0 49.9 74.9#





#31

Cyclohexane

Concen: 1.230 ug/l

RT: 7.62 min Scan# 1816

Delta R.T. 0.01 min

Lab File: VN062861.D

Acq: 12 Aug 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB179-GW-718-720

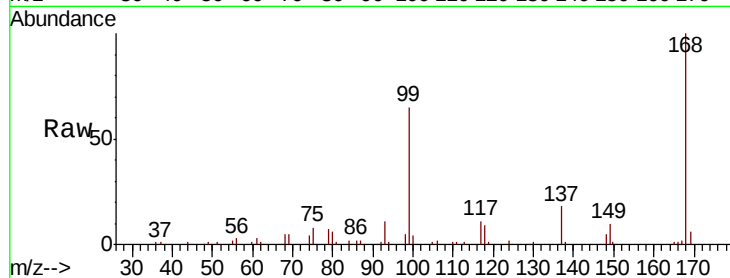
Tot Ion: 56 Resp: 3072

Ion Ratio Lower Upper

56 100

69 171.6 28.1 42.1#

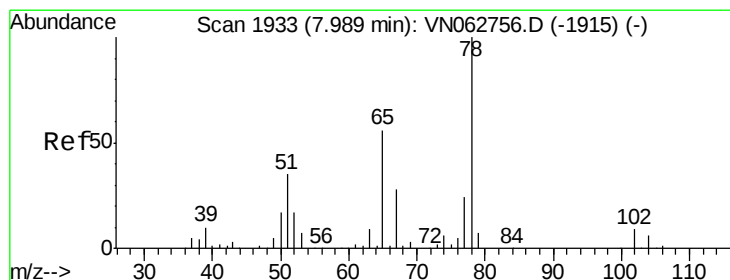
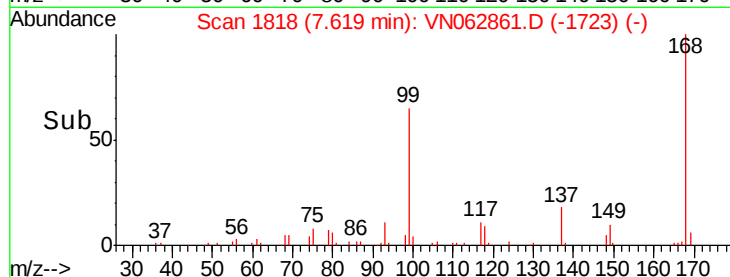
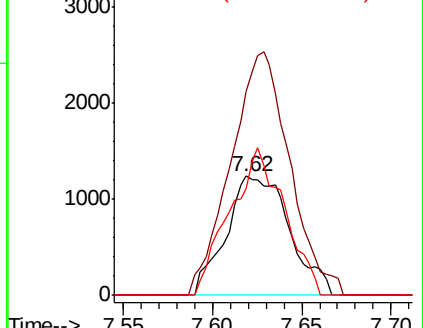
84 89.3 66.8 100.2



Abundance Ion 56.00 (55.70 to 56.70): VN062756.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN062756.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN062756.D (-1795) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.900 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062861.D

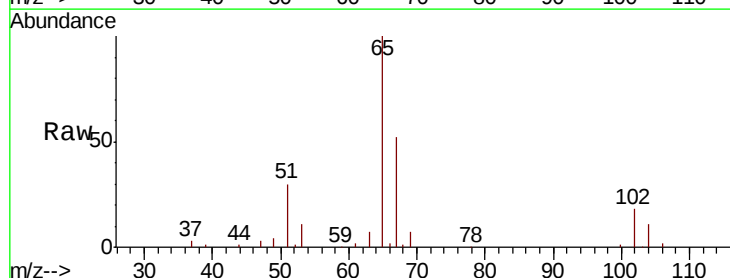
Acq: 12 Aug 2020 16:34

Tgt Ion: 65 Resp: 106910

Ion Ratio Lower Upper

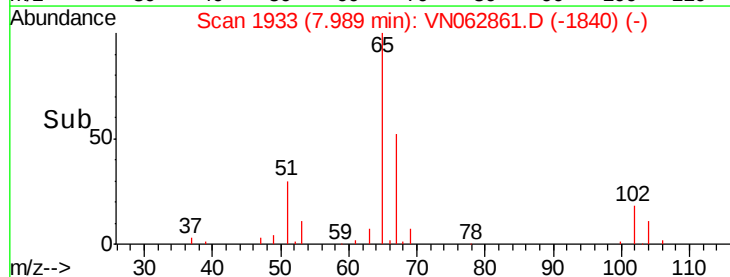
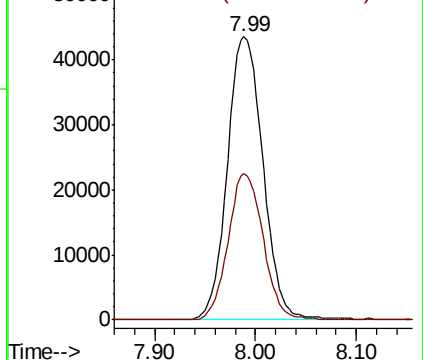
65 100

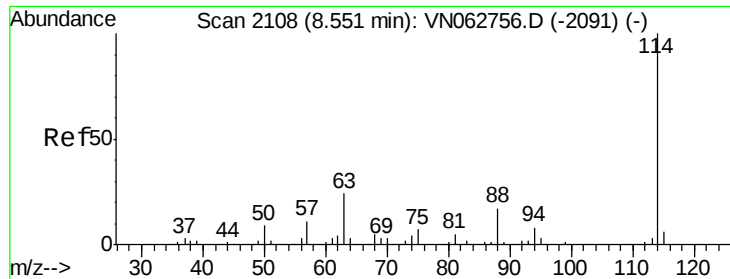
67 50.8 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN062756.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN062756.D (-1915) (-)

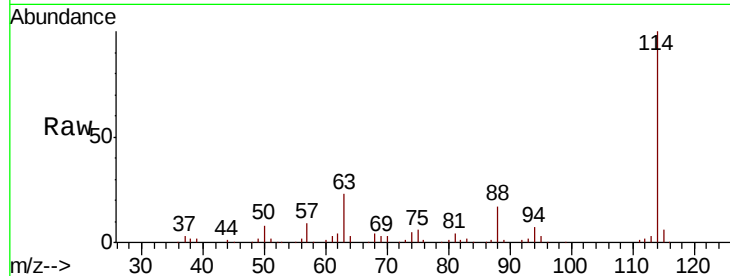




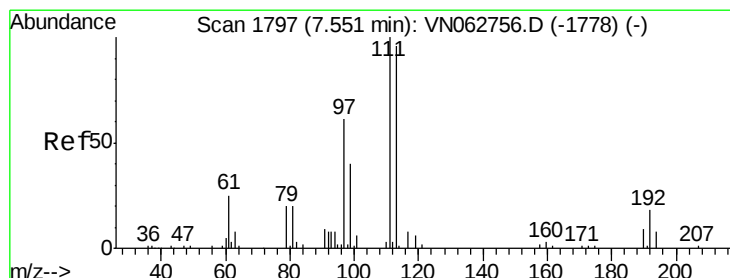
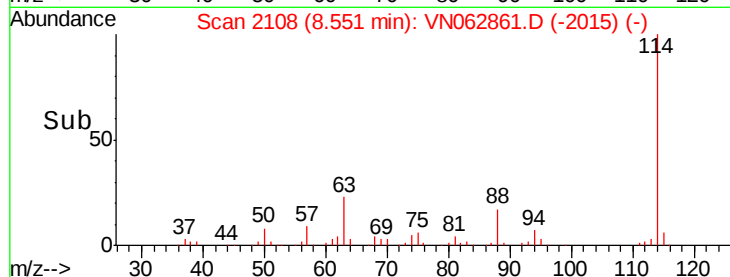
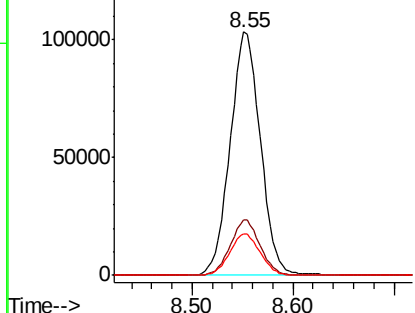
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062861.D
 Acq: 12 Aug 2020 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-GW-718-720

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	47.6
88	17.1	0.0	34.4

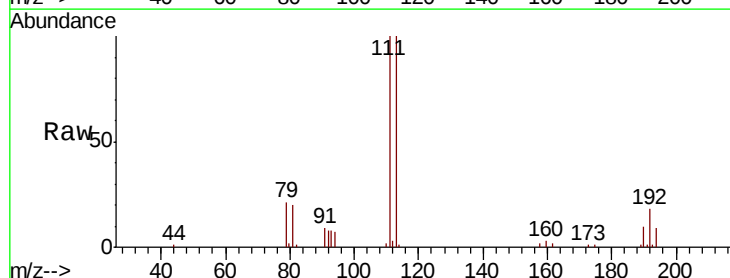


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

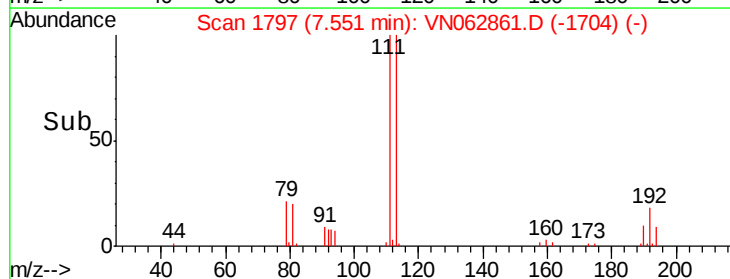
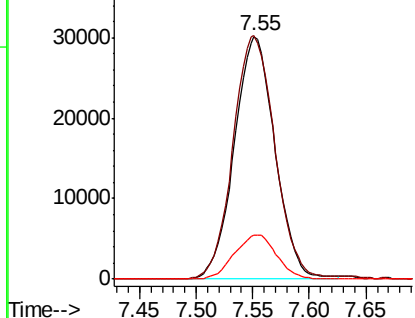


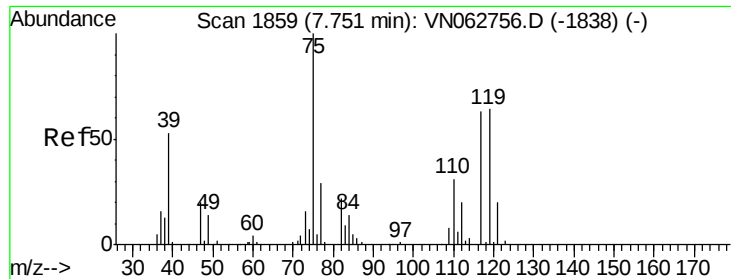
#35
 Dibromofluoromethane
 Concen: 51.078 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN062861.D
 Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.6
192	18.8	15.0	22.4



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

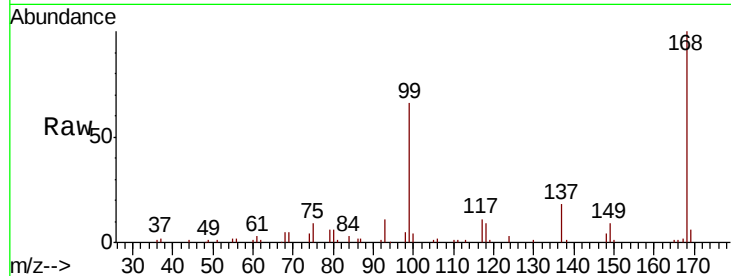




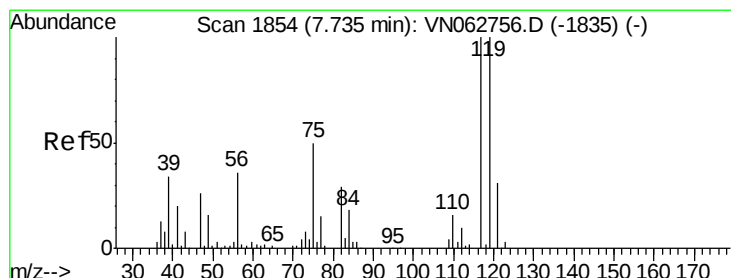
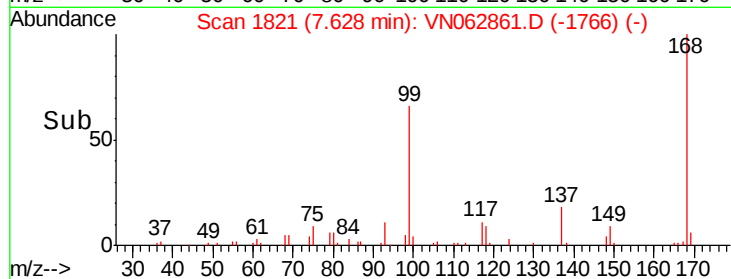
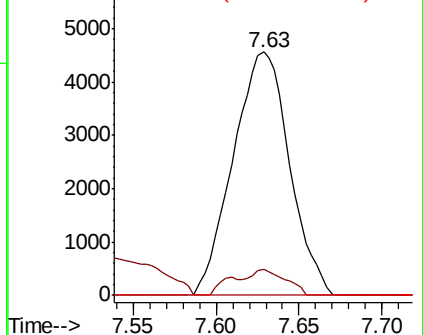
#36
 1,1-Dichloropropene
 Concen: 5.129 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.12 min
 Lab File: VN062861.D
 Acq: 12 Aug 2020 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-GW-718-720

Tot Ion	75	Resp	10793
Ion Ratio	Lower	Upper	
75	100		
110	6.7	15.6	46.7#
77	0.0	24.1	36.1#

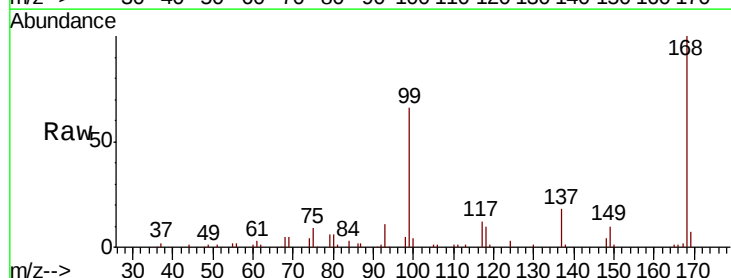


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

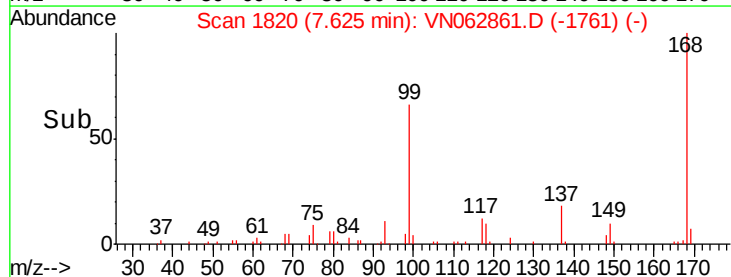
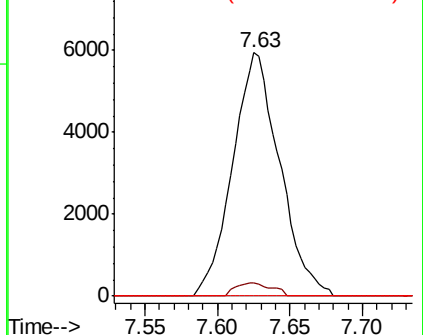


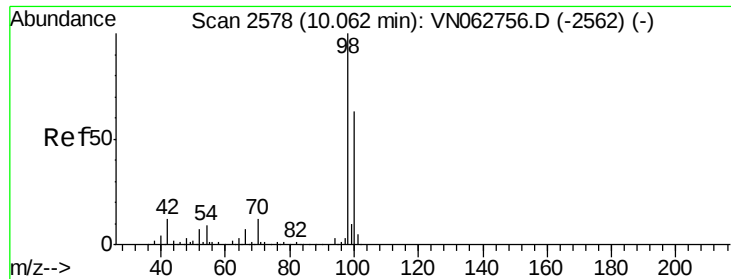
#38
 Carbon Tetrachloride
 Concen: 5.387 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN062861.D
 Acq: 12 Aug 2020 16:34

Tgt Ion	117	Resp	13407
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
117	100		
119	5.7	79.4	119.2#
121	0.0	24.9	37.3#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 48.000 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062861.D

Acq: 12 Aug 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

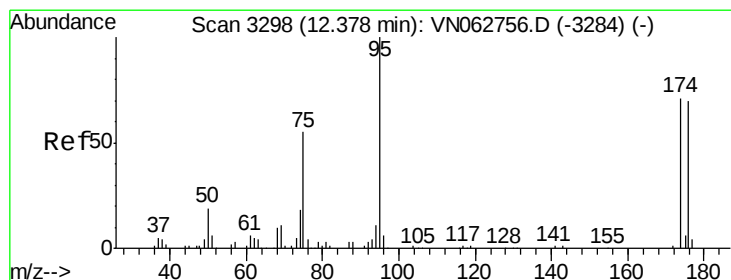
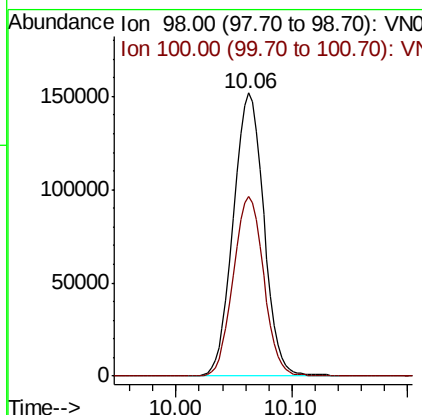
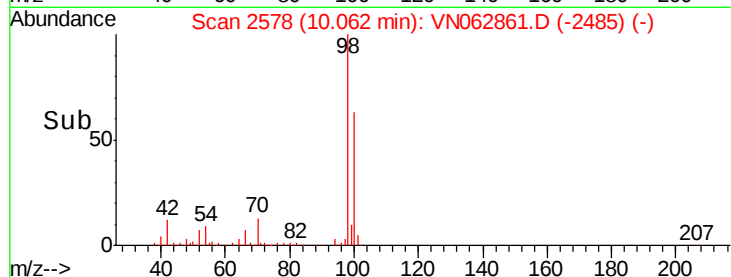
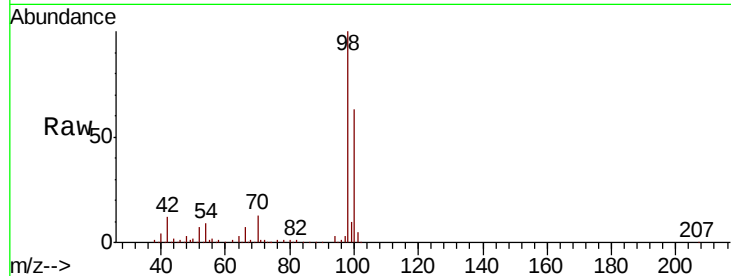
BP-VPB179-GW-718-720

Tot Ion: 98 Resp: 277058

Ion Ratio Lower Upper

98 100

100 63.3 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 47.548 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062861.D

Acq: 12 Aug 2020 16:34

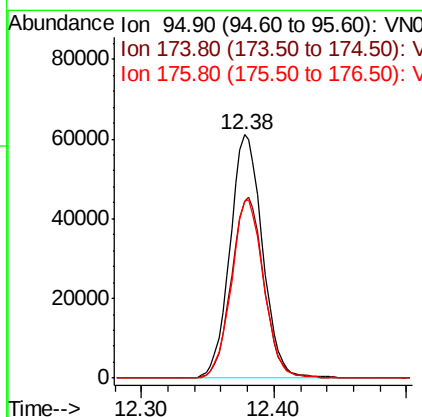
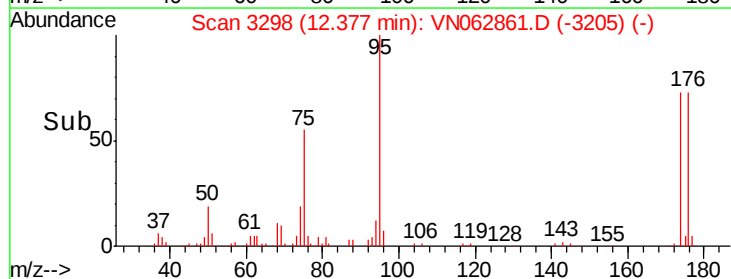
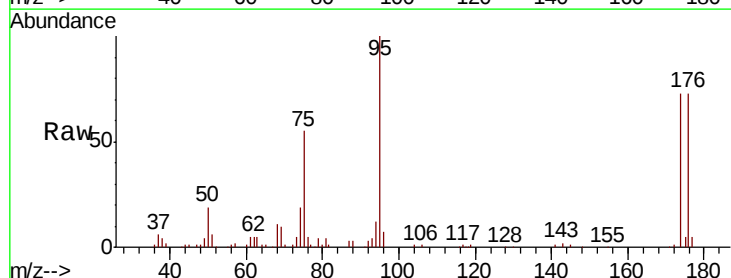
Tgt Ion: 95 Resp: 103713

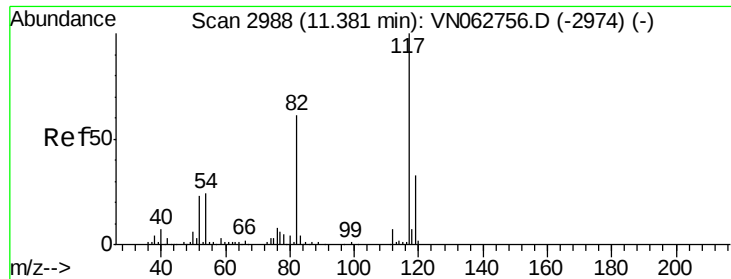
Ion Ratio Lower Upper

95 100

174 74.4 0.0 144.8

176 72.6 0.0 142.2

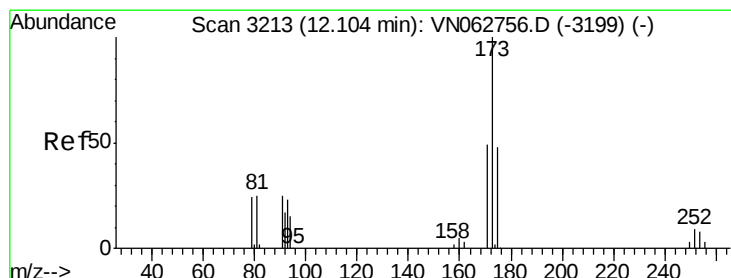
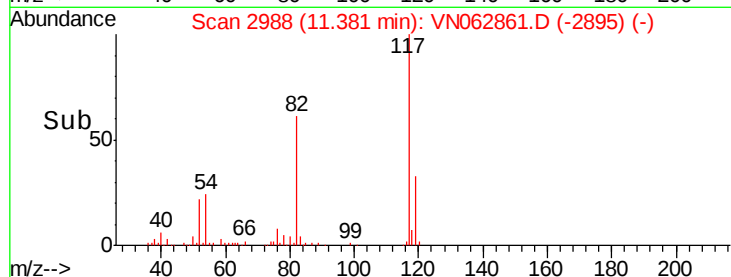
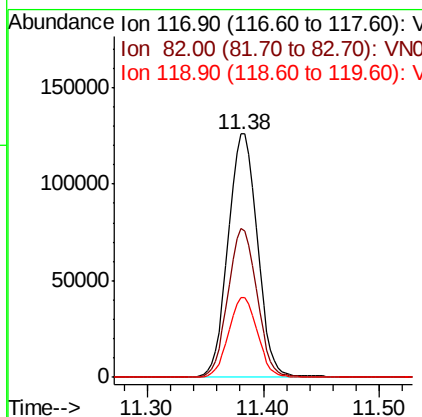
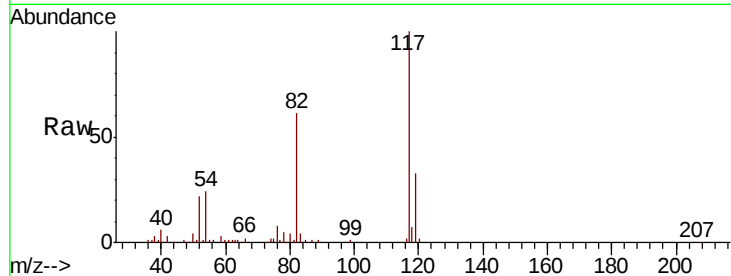




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062861.D
Acq: 12 Aug 2020 16:34

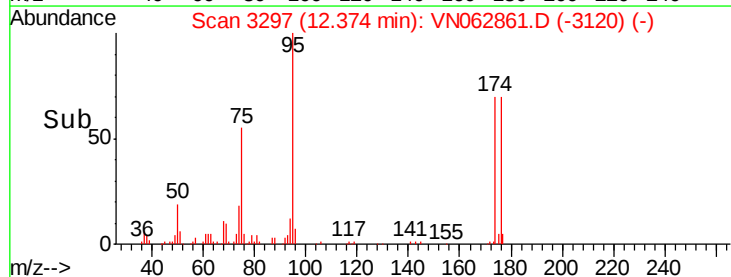
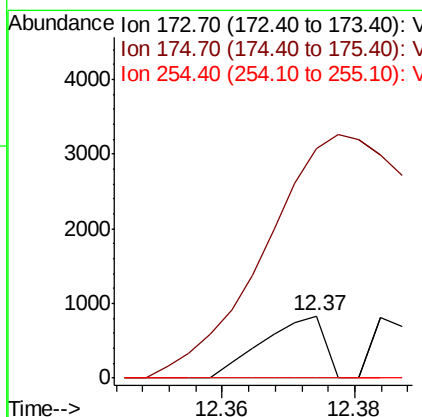
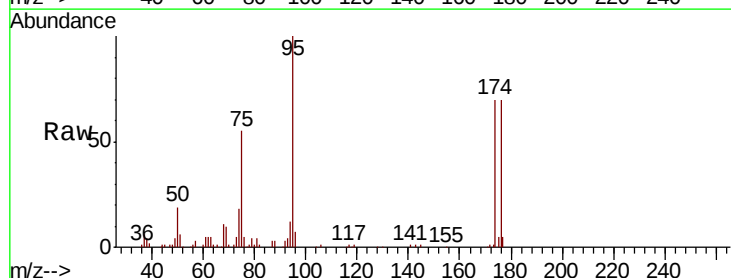
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-GW-718-720

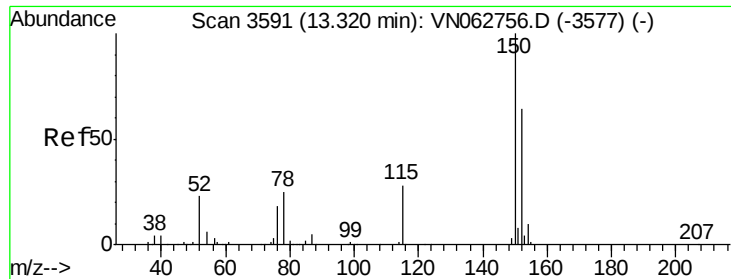
Tot Ion:117 Resp: 220498
Ion Ratio Lower Upper
117 100
82 61.0 49.0 73.4
119 32.9 26.2 39.2



#71
Bromoform
Concen: 0.352 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.27 min
Lab File: VN062861.D
Acq: 12 Aug 2020 16:34

Tgt Ion:173 Resp: 533
Ion Ratio Lower Upper
173 100
175 922.9 24.0 72.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062861.D

Acq: 12 Aug 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB179-GW-718-720

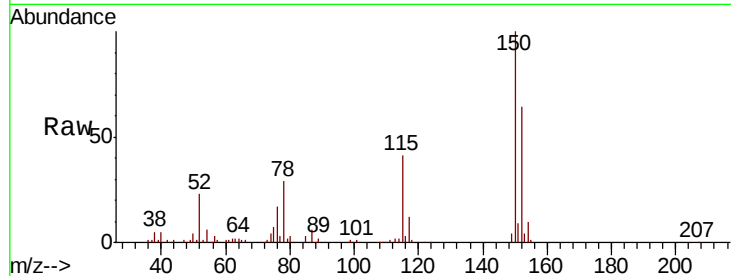
Tot Ion:152 Resp: 83826

Ion Ratio Lower Upper

152 100

115 63.3 31.6 94.8

150 156.2 0.0 349.2

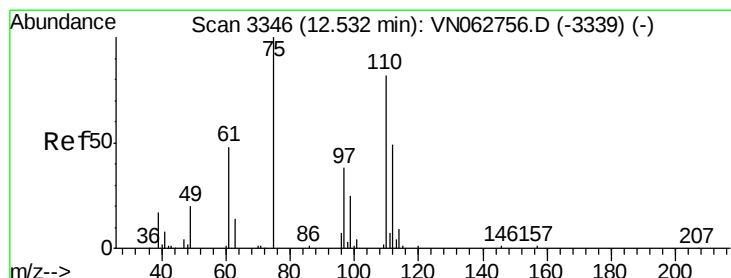
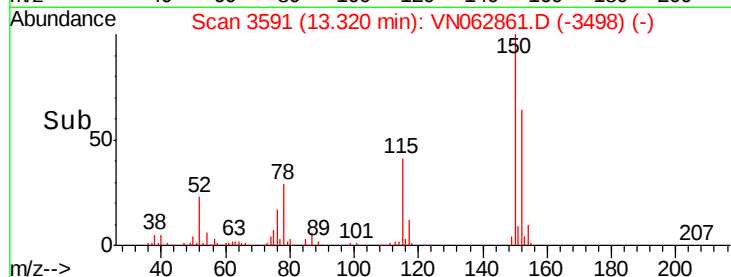
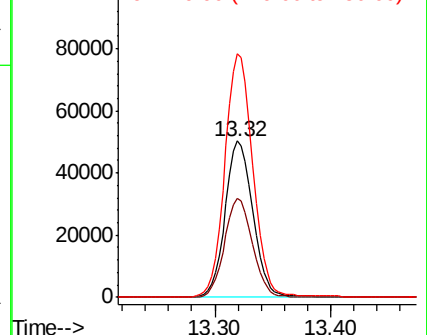


Abundance

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: 25.388 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062861.D

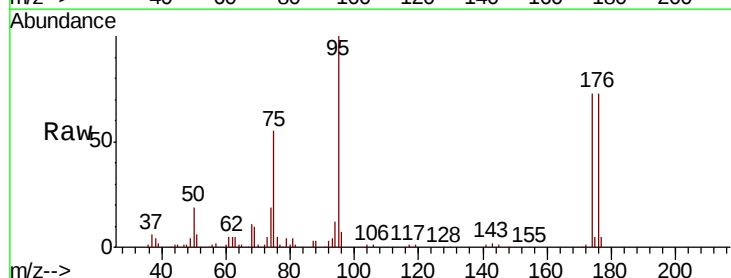
Acq: 12 Aug 2020 16:34

Tgt Ion: 75 Resp: 57394

Ion Ratio Lower Upper

75 100

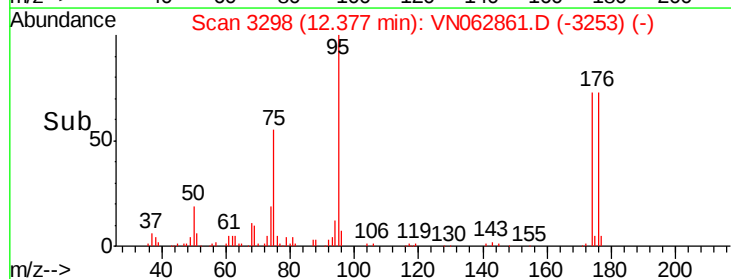
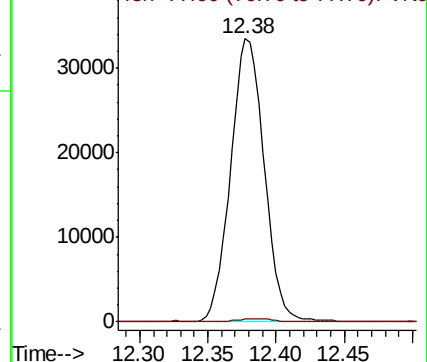
77 1.1 0.0 0.0#

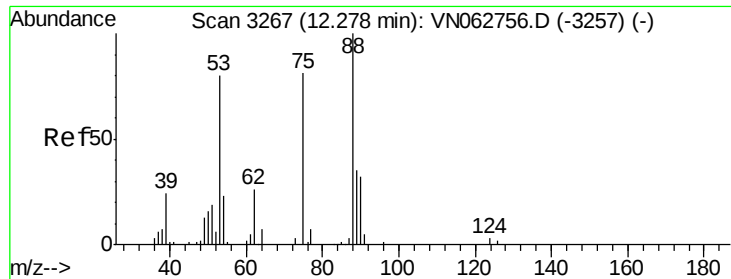


Abundance

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: 77.502 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062861.D

Acq: 12 Aug 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB179-GW-718-720

Tot Ion: 75 Resp: 57394

Ion Ratio Lower Upper

75 100

53 0.0 79.1 118.7#

89 0.0 36.2 54.2#

