

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062860.D
 Acq On : 12 Aug 2020 16:09
 Operator : JC/MD
 Sample : L3666-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-GW-703-705

Quant Time: Aug 13 05:23:14 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	120691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	212771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	214411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	80305	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	104679	52.45	ug/l	0.00
Spiked Amount						
			Recovery	=	104.90%	
35) Dibromofluoromethane	7.55	113	73676	50.62	ug/l	0.00
Spiked Amount						
			Recovery	=	101.24%	
50) Toluene-d8	10.06	98	273840	48.19	ug/l	0.00
Spiked Amount						
			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	12.38	95	100874	46.98	ug/l	0.00
Spiked Amount						
			Recovery	=	93.96%	

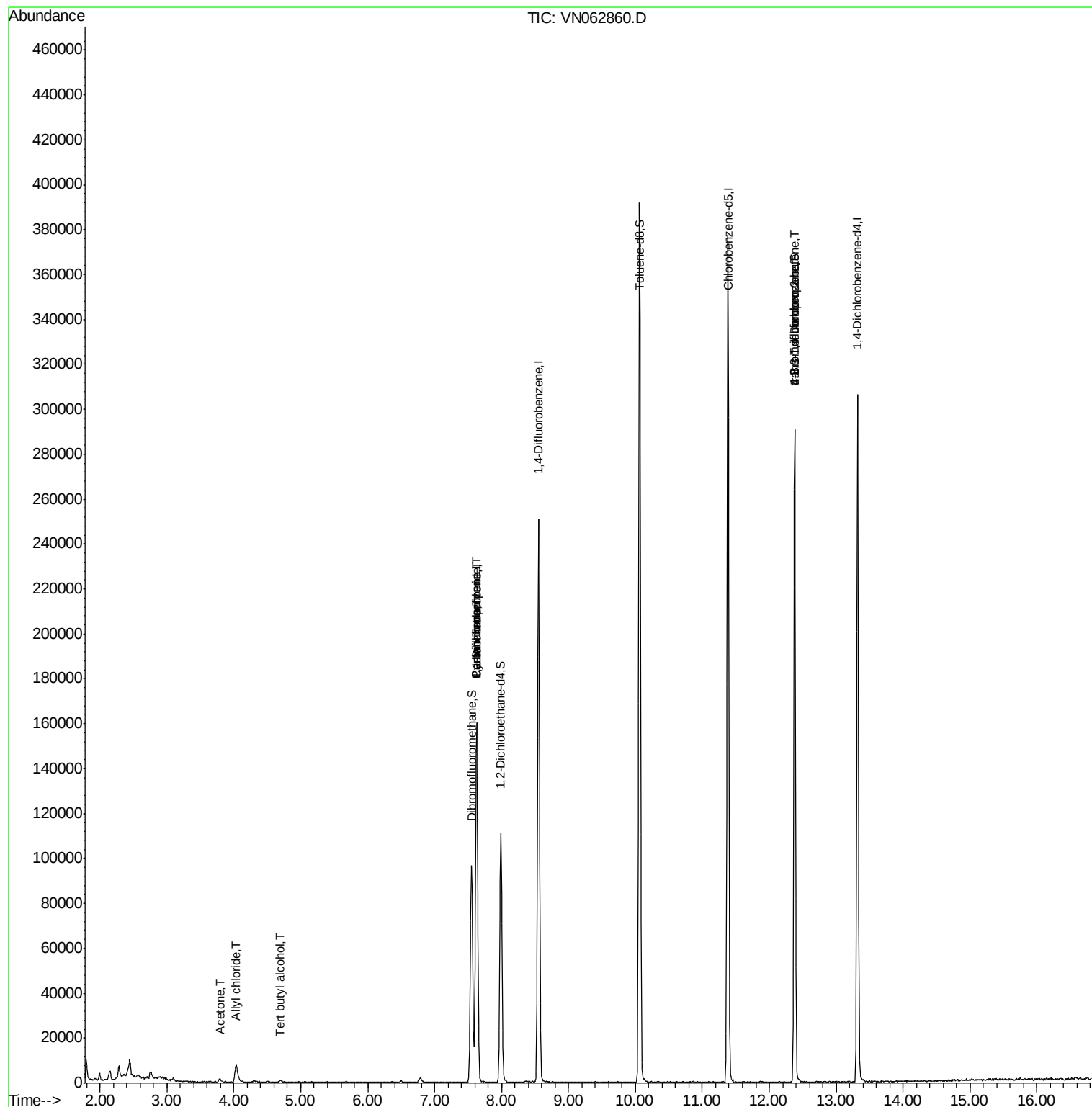
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.70	59	362	1.107	ug/l #	72
14) Allyl chloride	4.03	41	1304	0.617	ug/l #	78
16) Acetone	3.79	43	2299	3.188	ug/l	94
18) Methyl Acetate	4.29	43	546	Below Cal	#	63
20) Methylene Chloride	4.50	84	236	Below Cal	#	11
31) Cyclohexane	7.62	56	1434	0.593	ug/l #	20
36) 1,1-Dichloropropene	7.63	75	10206	4.926	ug/l #	52
38) Carbon Tetrachloride	7.63	117	12534	5.115	ug/l #	16
76) 1,2,3-Trichloropropane	12.38	75	55280	25.525	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	55280	77.920	ug/l #	10

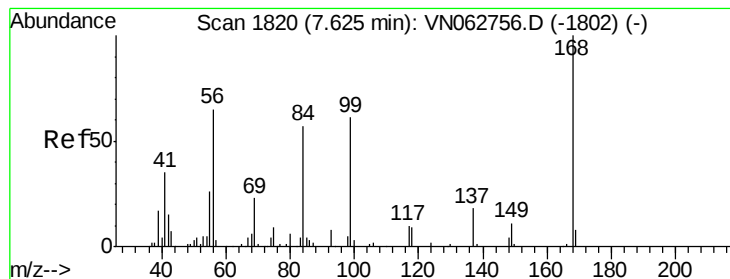
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081220\
Data File : VN062860.D
Acq On : 12 Aug 2020 16:09
Operator : JC/MD
Sample : L3666-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-GW-703-705

Quant Time: Aug 13 05:23:14 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# 1820

Delta R.T. 0.00 min

Lab File: VN062860.D

Acq: 12 Aug 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

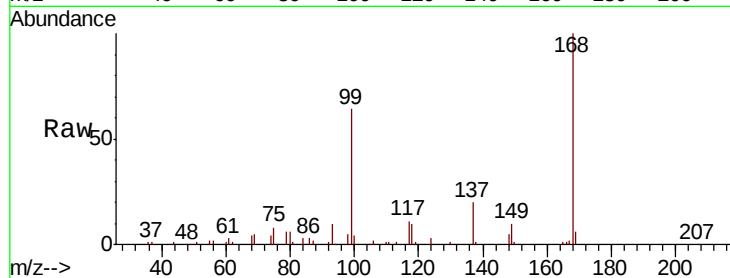
BP-VPB179-GW-703-705

Tot Ion:168 Resp: 120691

Ion Ratio Lower Upper

168 100

99 63.6 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

50000

40000

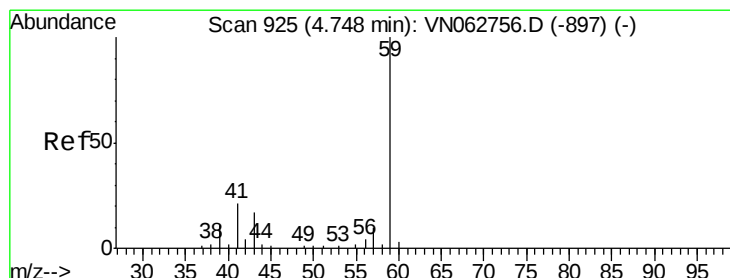
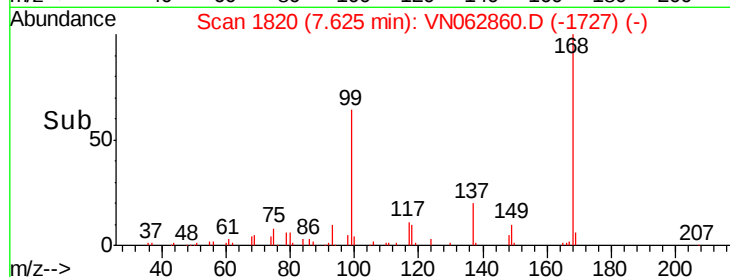
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 1.107 ug/l

RT: 4.70 min Scan# 911

Delta R.T. -0.04 min

Lab File: VN062860.D

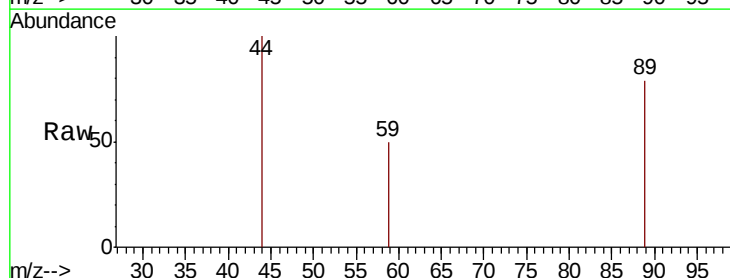
Acq: 12 Aug 2020 16:09

Tgt Ion: 59 Resp: 362

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.70

250

200

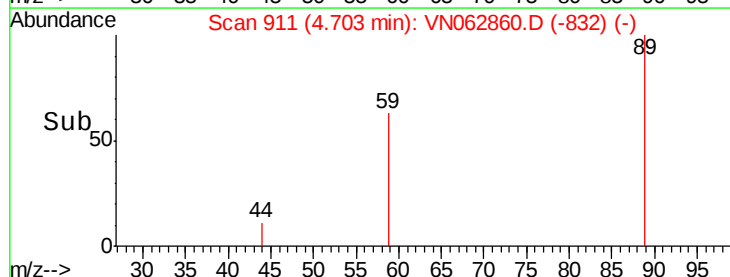
150

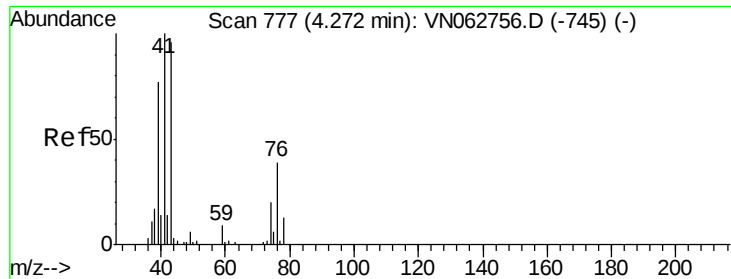
100

50

0

Time--> 4.68 4.70 4.72





#14

Allvl chloride

Concen: 0.617 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.24 min

Lab File: VN062860.D

Acq: 12 Aug 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB179-GW-703-705

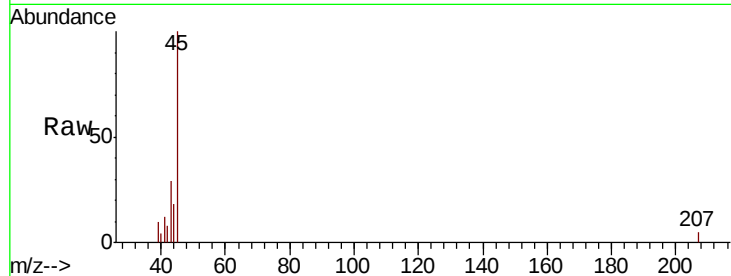
Tot Ion: 41 Resp: 1304

Ion Ratio Lower Upper

41 100

39 67.3 55.7 83.5

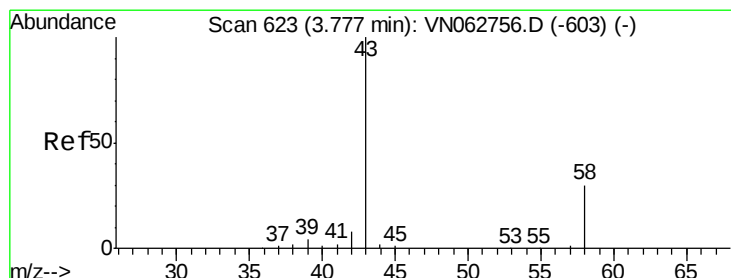
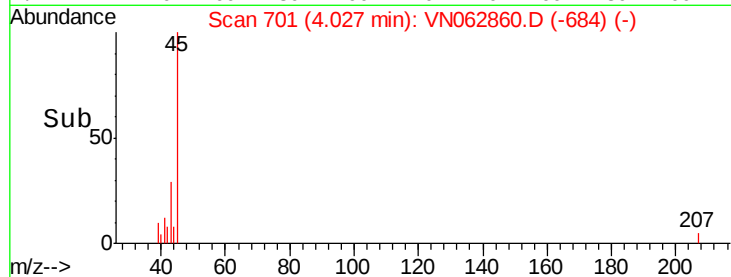
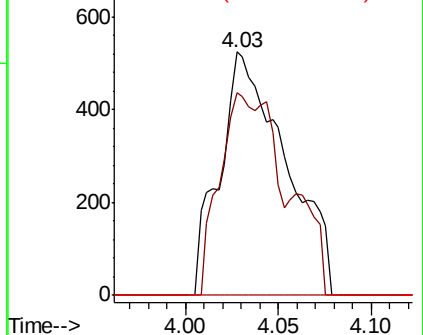
76 0.0 27.5 41.3#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



#16

Acetone

Concen: 3.188 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.02 min

Lab File: VN062860.D

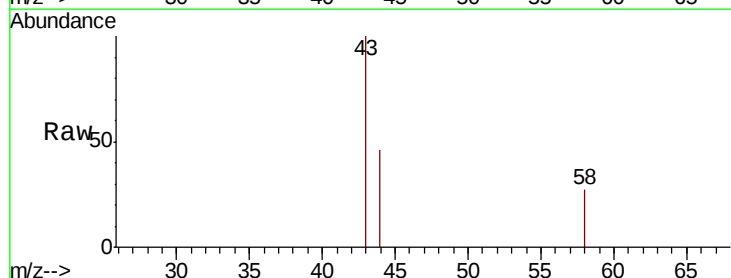
Acq: 12 Aug 2020 16:09

Tgt Ion: 43 Resp: 2299

Ion Ratio Lower Upper

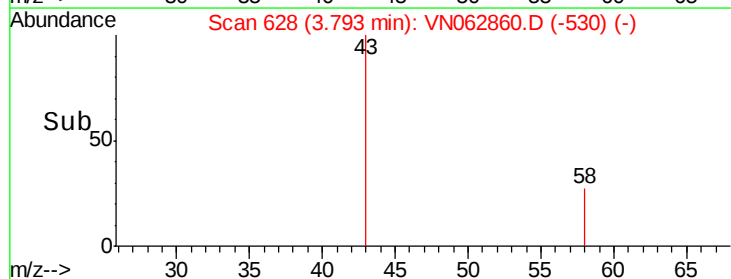
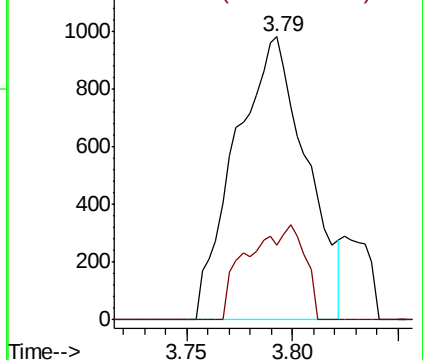
43 100

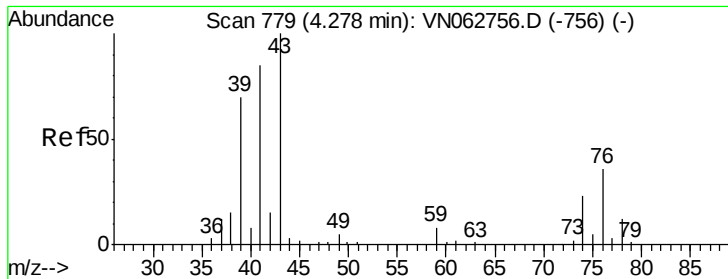
58 26.6 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

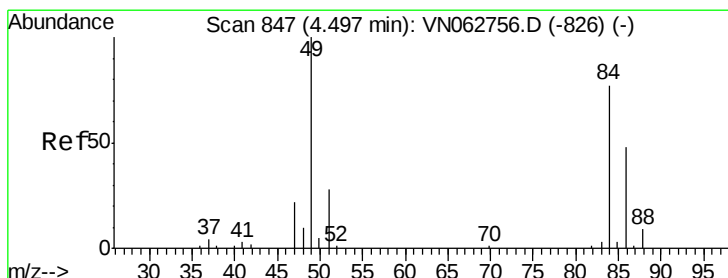
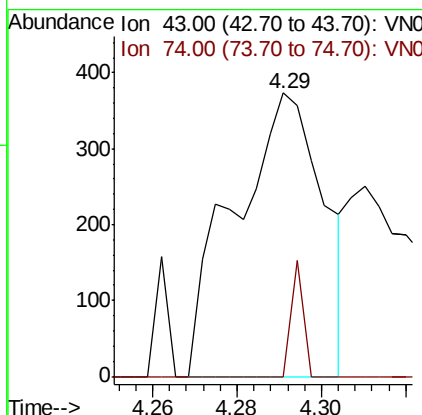
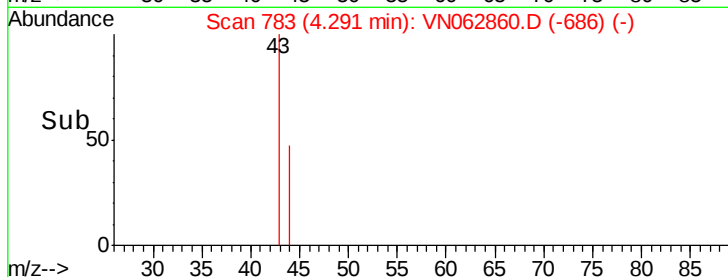
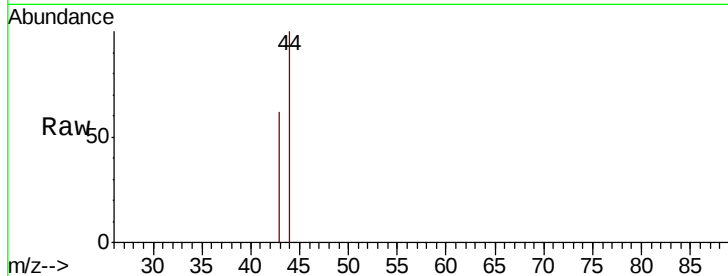




#18
Methyl Acetate
Concen: Below Cal
RT: 4.29 min Scan# 783
Delta R.T. 0.01 min
Lab File: VN062860.D
Acq: 12 Aug 2020 16:09

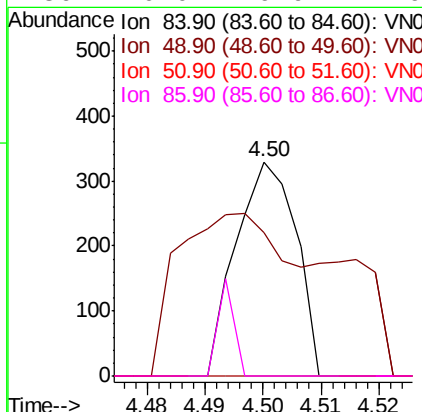
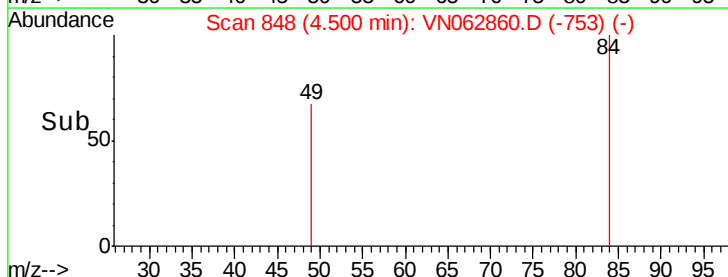
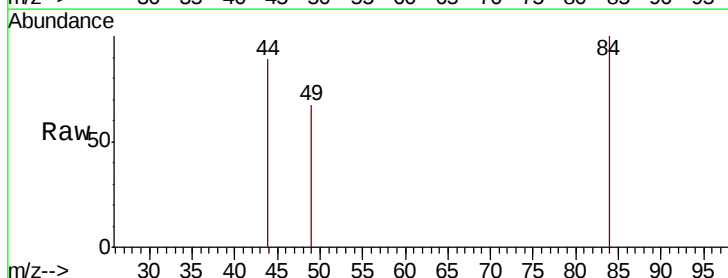
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-GW-703-705

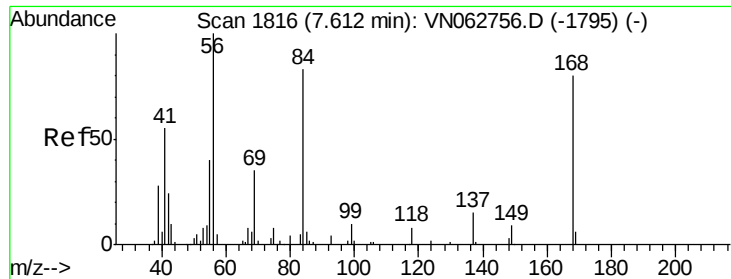
Tot Ion: 43 Resp: 546
Ion Ratio Lower Upper
43 100
74 5.5 18.6 28.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062860.D
Acq: 12 Aug 2020 16:09

Tgt Ion: 84 Resp: 236
Ion Ratio Lower Upper
84 100
49 13.4 103.4 155.2#
51 0.0 29.3 43.9#
86 0.0 49.9 74.9#

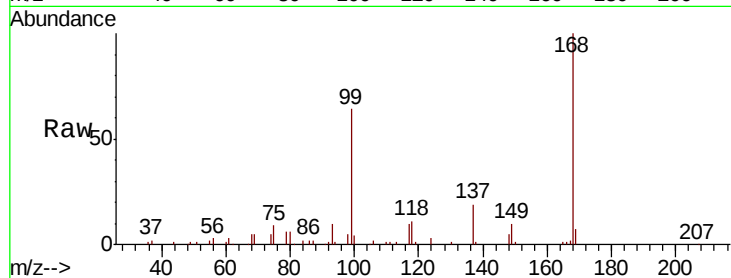




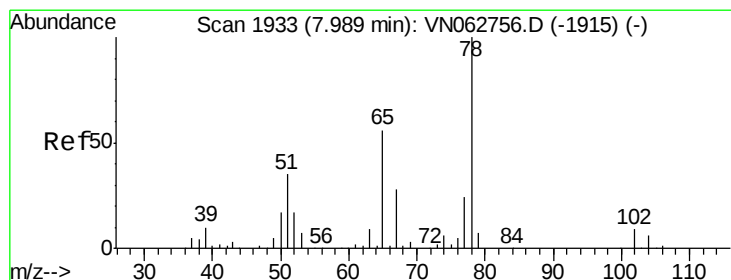
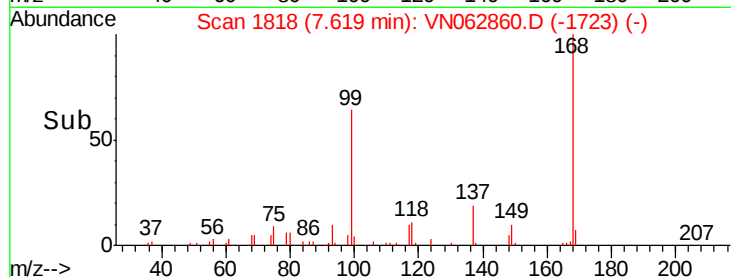
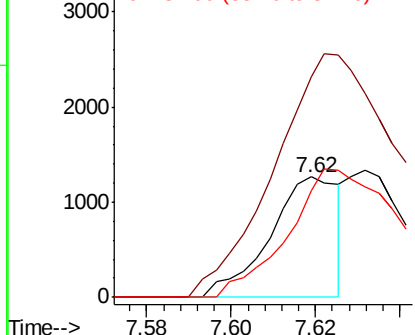
#31
Cyclohexane
Concen: 0.593 ug/l
RT: 7.62 min Scan# 1816
Delta R.T. 0.01 min
Lab File: VN062860.D
Acq: 12 Aug 2020 16:09

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-GW-703-705

Tot Ion: 56 Resp: 1434
Ion Ratio Lower Upper
56 100
69 183.2 28.1 42.1#
84 89.0 66.8 100.2

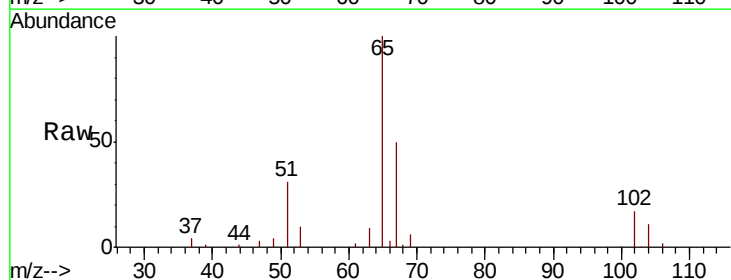


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

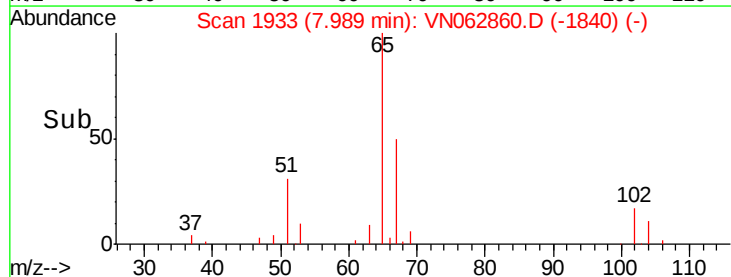
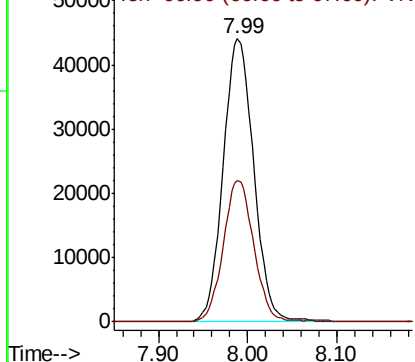


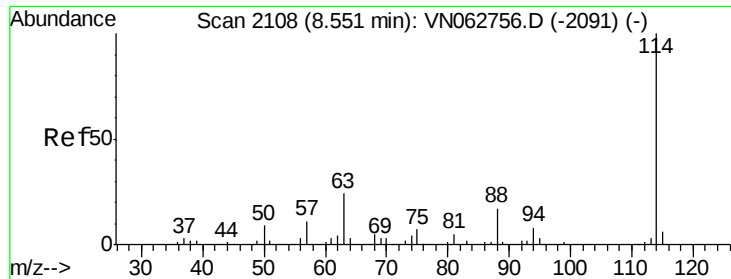
#33
1,2-Dichloroethane-d4
Concen: 52.448 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062860.D
Acq: 12 Aug 2020 16:09

Tgt Ion: 65 Resp: 104679
Ion Ratio Lower Upper
65 100
67 49.6 0.0 101.4



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

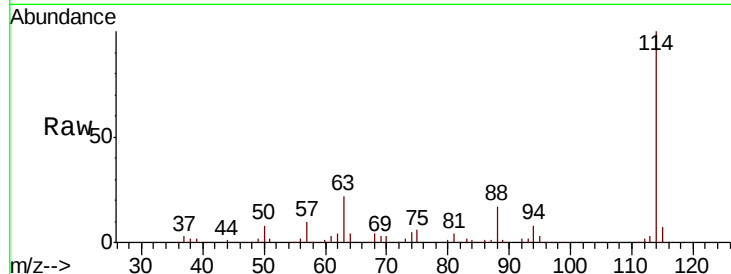




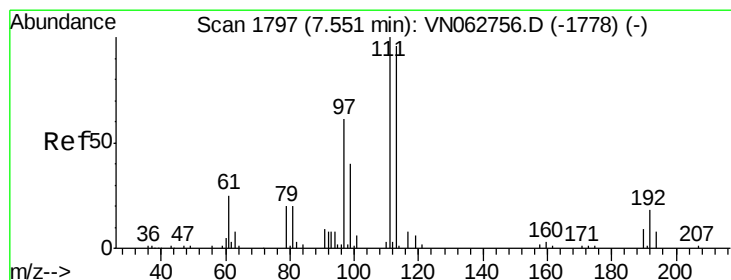
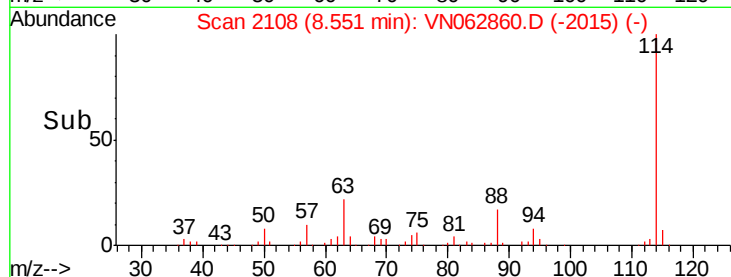
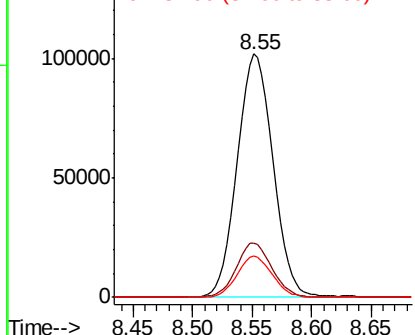
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN062860.D
Acq: 12 Aug 2020 16:09

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-GW-703-705

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	47.6
88	16.9	0.0	34.4

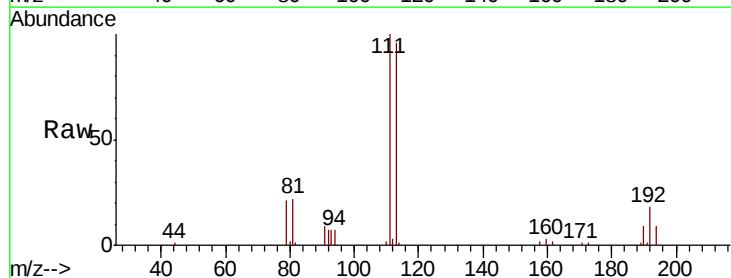


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VNO
Ion 87.90 (87.60 to 88.60): VNO

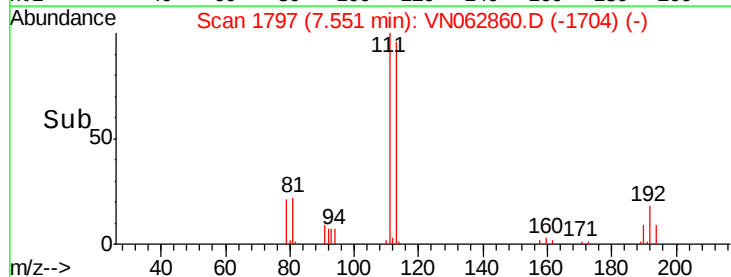
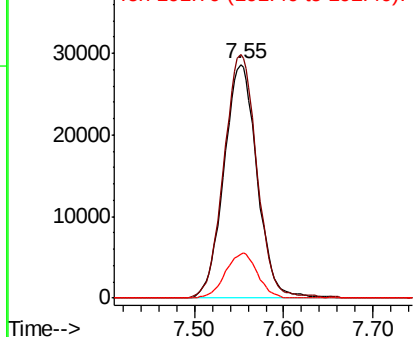


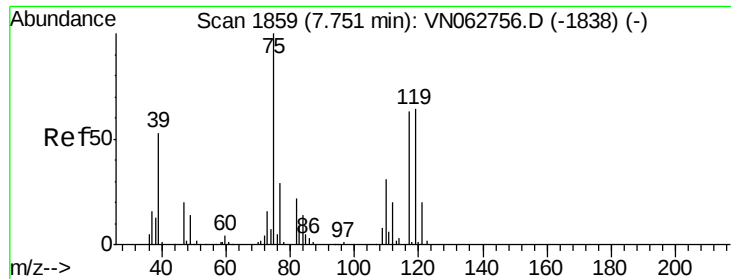
#35
Dibromofluoromethane
Concen: 50.620 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN062860.D
Acq: 12 Aug 2020 16:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.8	122.6
192	18.5	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: 4.926 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.13 min

Lab File: VN062860.D

Acq: 12 Aug 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB179-GW-703-705

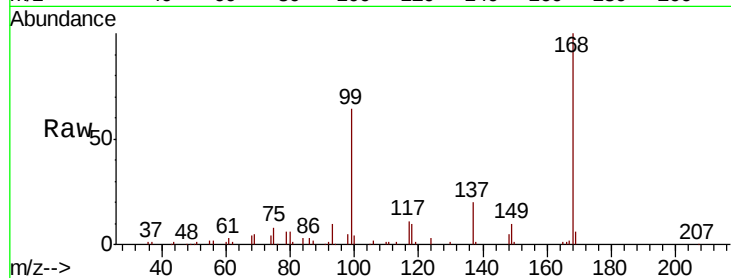
Tot Ion: 75 Resp: 10206

Ion Ratio Lower Upper

75 100

110 8.2 15.6 46.7#

77 0.0 24.1 36.1#

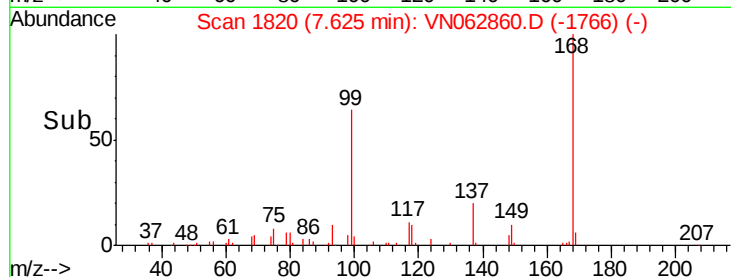


Abundance Ion 74.90 (74.60 to 75.60): VN062756.D (-1838) (-)

Ion 109.90 (109.60 to 110.60): VN062756.D (-1838) (-)

Ion 76.90 (76.60 to 77.60): VN062756.D (-1838) (-)

Time-->

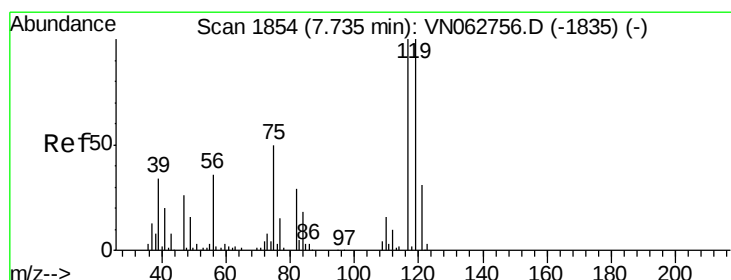


Abundance Ion 74.90 (74.60 to 75.60): VN062860.D (-1766) (-)

Ion 109.90 (109.60 to 110.60): VN062860.D (-1766) (-)

Ion 76.90 (76.60 to 77.60): VN062860.D (-1766) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.115 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062860.D

Acq: 12 Aug 2020 16:09

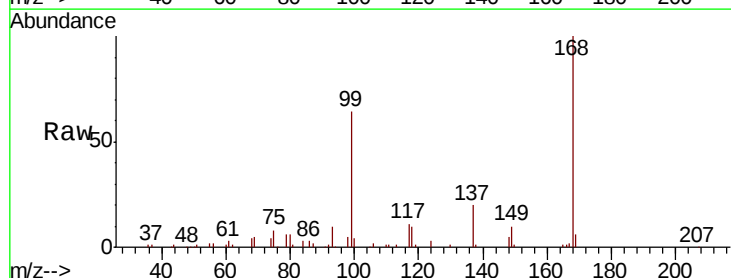
Tgt Ion: 117 Resp: 12534

Ion Ratio Lower Upper

117 100

119 6.6 79.4 119.2#

121 0.0 24.9 37.3#

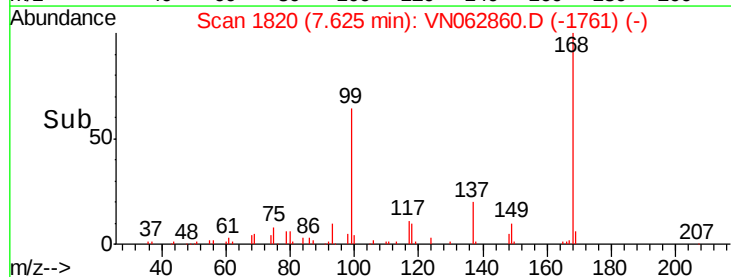


Abundance Ion 116.80 (116.50 to 117.50): VN062756.D (-1835) (-)

Ion 118.80 (118.50 to 119.50): VN062756.D (-1835) (-)

Ion 120.80 (120.50 to 121.50): VN062756.D (-1835) (-)

Time-->

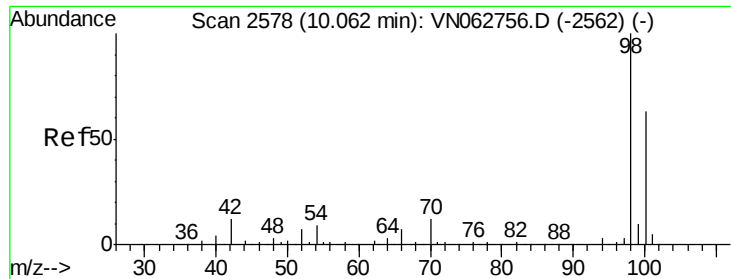


Abundance Ion 116.80 (116.50 to 117.50): VN062860.D (-1761) (-)

Ion 118.80 (118.50 to 119.50): VN062860.D (-1761) (-)

Ion 120.80 (120.50 to 121.50): VN062860.D (-1761) (-)

Time-->



#50

Toluene-d8

Concen: 48.192 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN062860.D

Acq: 12 Aug 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

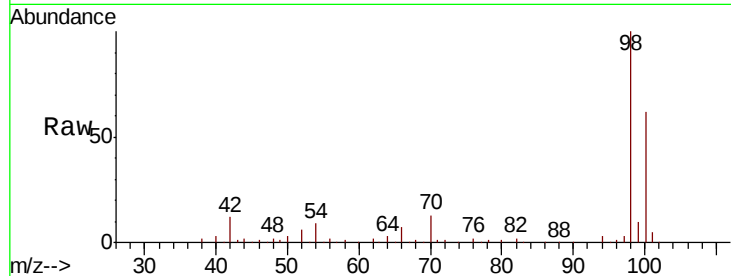
BP-VPB179-GW-703-705

Tot Ion: 98 Resp: 273840

Ion Ratio Lower Upper

98 100

100 63.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062756.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062860.D (-2485) (-)

10.06

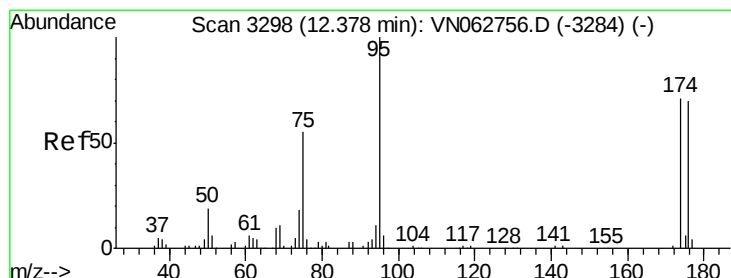
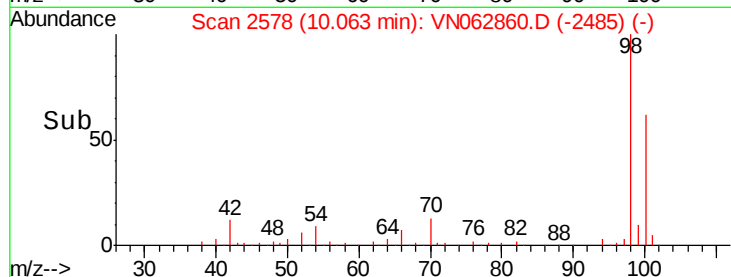
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.976 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062860.D

Acq: 12 Aug 2020 16:09

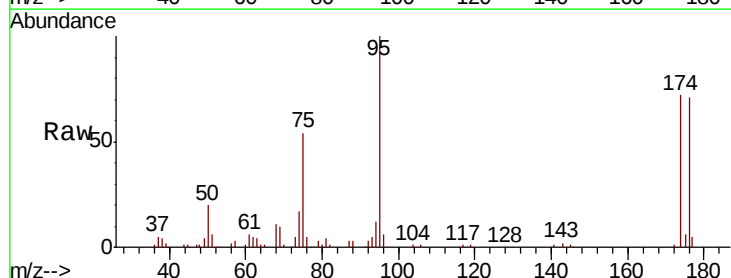
Tgt Ion: 95 Resp: 100874

Ion Ratio Lower Upper

95 100

174 76.0 0.0 144.8

176 72.5 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062756.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN062860.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062860.D (-3205) (-)

12.38

80000

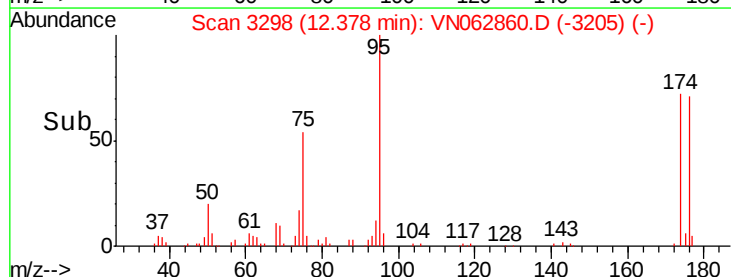
60000

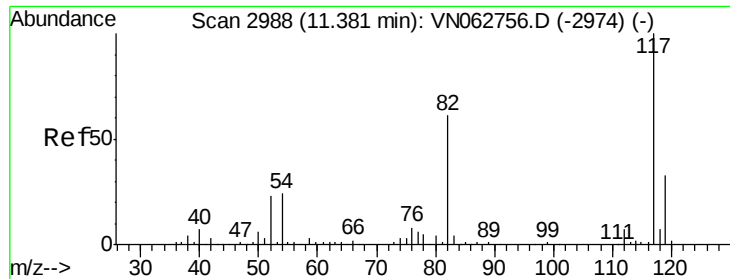
40000

20000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2989

Delta R.T. 0.00 min

Lab File: VN062860.D

Acq: 12 Aug 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB179-GW-703-705

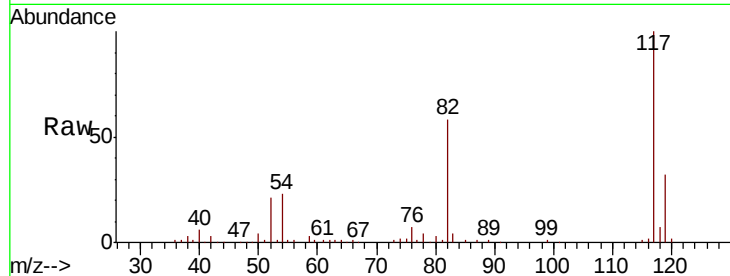
Tot Ion:117 Resp: 214411

Ion Ratio Lower Upper

117 100

82 58.4 49.0 73.4

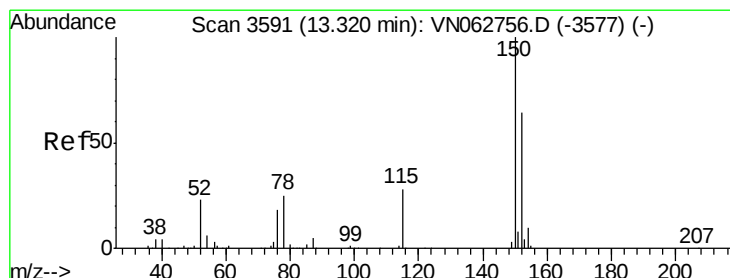
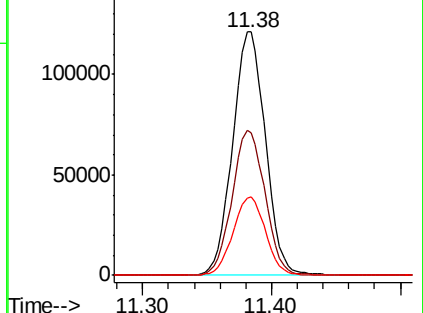
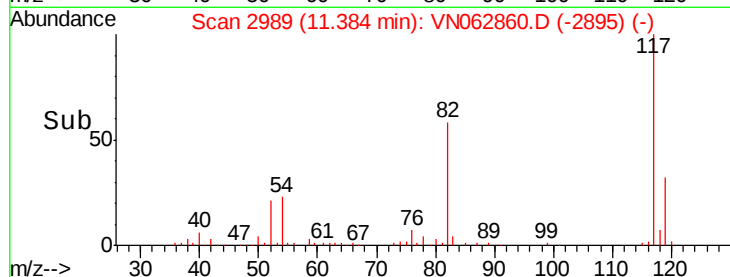
119 32.2 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062860.D

Acq: 12 Aug 2020 16:09

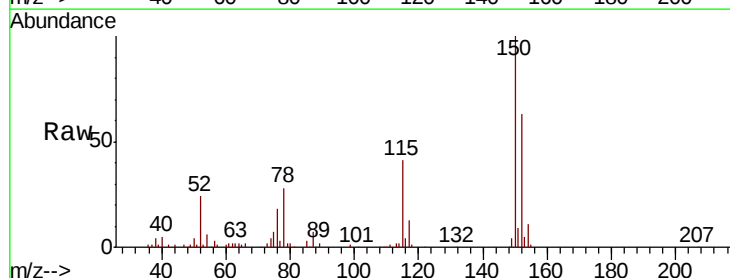
Tgt Ion:152 Resp: 80305

Ion Ratio Lower Upper

152 100

115 64.5 31.6 94.8

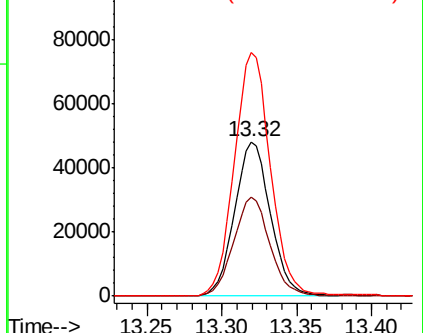
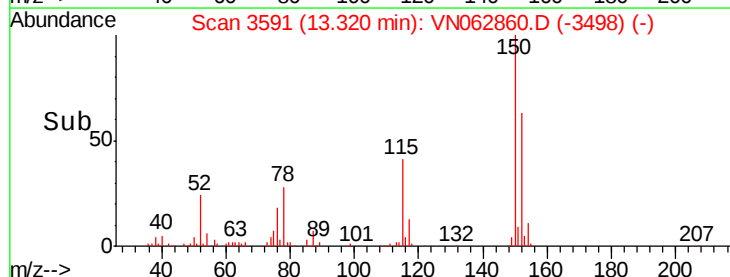
150 158.9 0.0 349.2

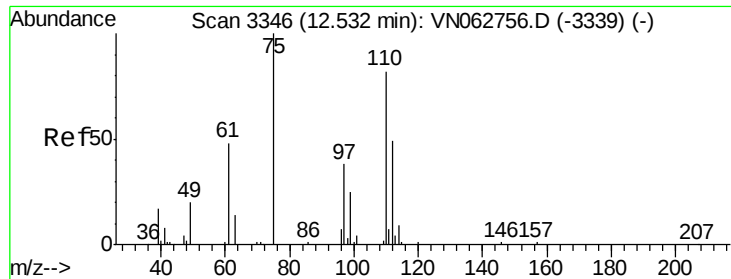


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

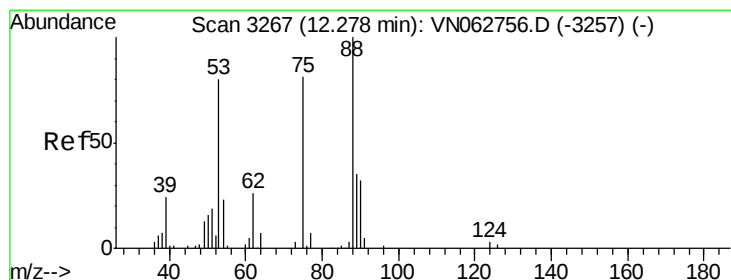
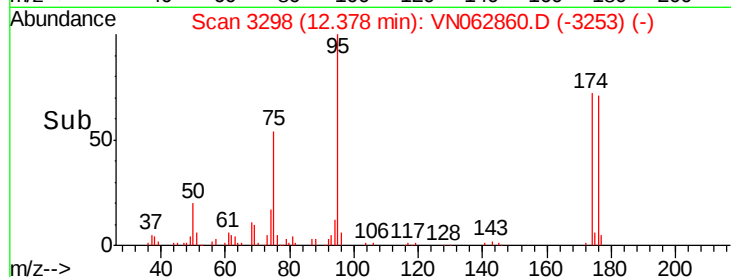
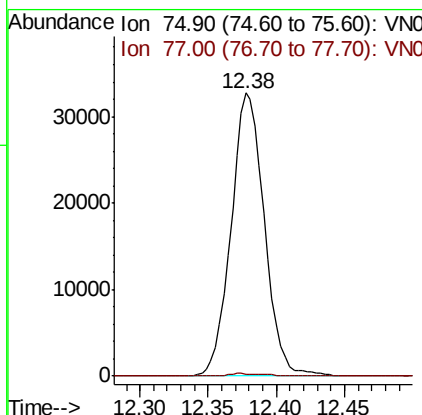
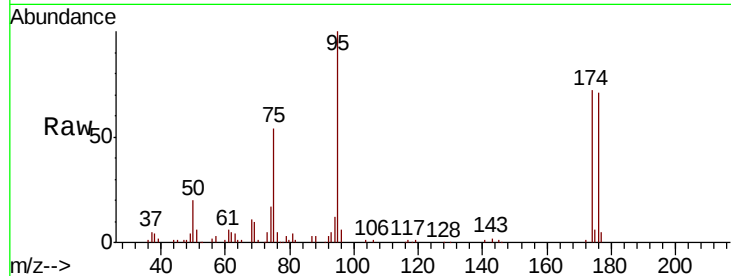




#76
 1,2,3-Trichloropropane
 Concen: 25.525 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062860.D
 Acq: 12 Aug 2020 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-GW-703-705

Tot Ion: 75 Resp: 55280
 Ion Ratio Lower Upper
 75 100
 77 0.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.920 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062860.D
 Acq: 12 Aug 2020 16:09

Tgt Ion: 75 Resp: 55280
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.1 118.7#
 89 0.0 36.2 54.2#

