

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081020\
 Data File : VN062809.D
 Acq On : 10 Aug 2020 15:20
 Operator : JC/MD
 Sample : L3618-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-GW-498-500

Quant Time: Aug 11 06:55:05 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	137978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	244423	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	243344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	97549	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	112448	49.28	ug/l	0.00
Spiked Amount			Recovery	=	98.56%	
35) Dibromofluoromethane	7.55	113	81014	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
50) Toluene-d8	10.06	98	313174	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	
62) 4-Bromofluorobenzene	12.38	95	119982	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	

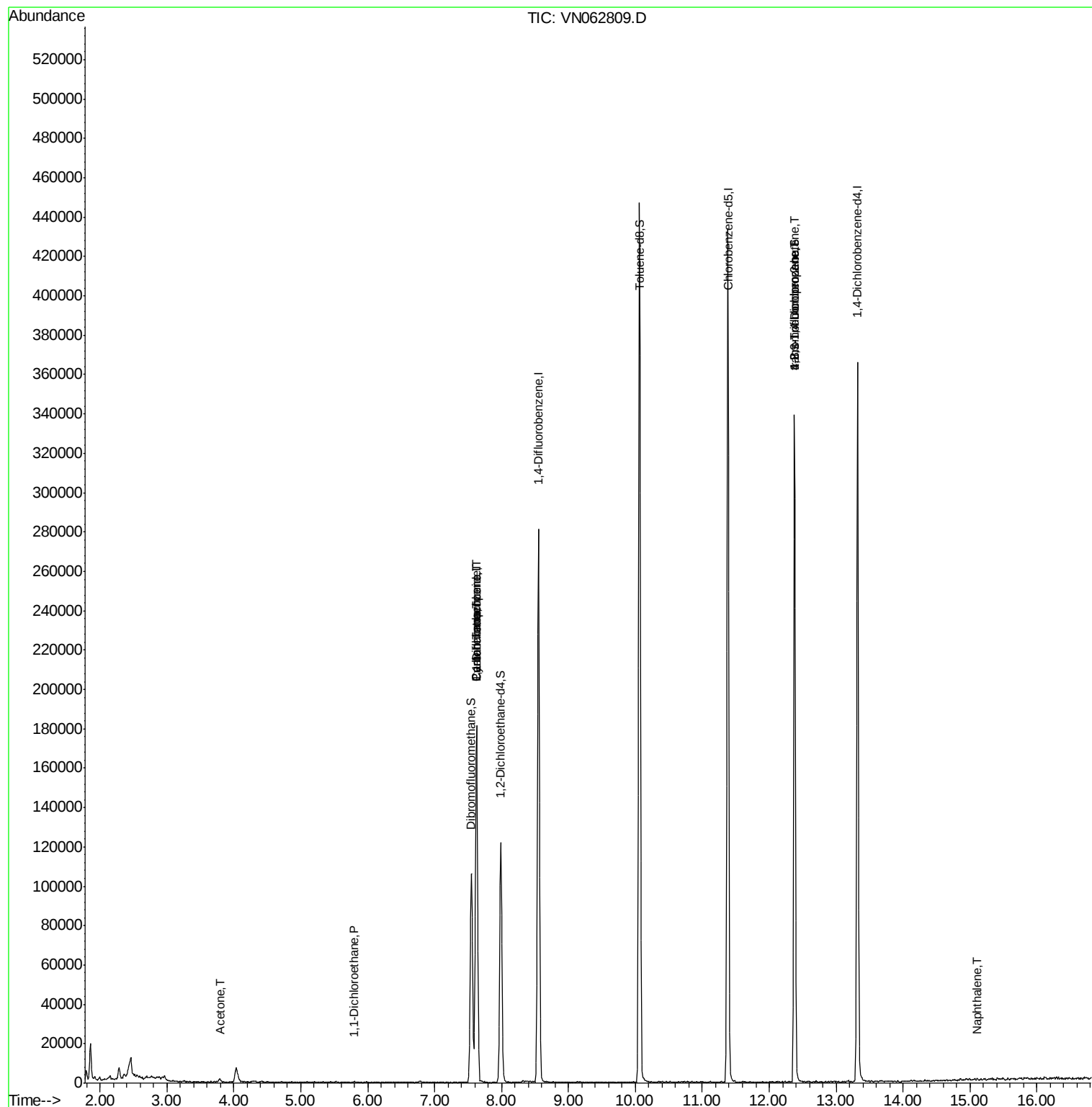
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	2408	2.921	ug/l	100
17) Carbon Disulfide	4.00	76	195	Below Cal	#	74
18) Methyl Acetate	4.29	43	513	Below Cal	#	52
20) Methylene Chloride	4.49	84	29	Below Cal	#	14
24) 1,1-Dichloroethane	5.80	63	618	0.205	ug/l #	84
31) Cyclohexane	7.63	56	3089	1.117	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	11265	4.733	ug/l #	51
38) Carbon Tetrachloride	7.63	117	15035	5.341	ug/l #	15
76) 1,2,3-Trichloropropane	12.38	75	65658	24.958	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	65658	76.188	ug/l #	10
95) Naphthalene	15.12	128	169	3.743	ug/l #	68

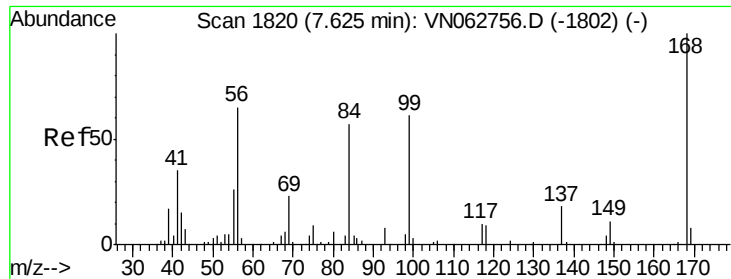
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081020\
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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: VN062809.D

Acq: 10 Aug 2020 15:20

Instrument :

MSVOA_N

ClientSampleId :

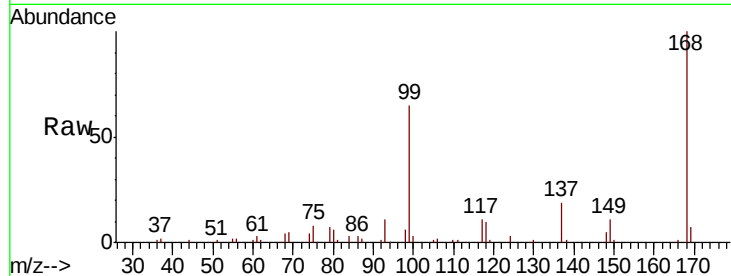
BP-VPB179-GW-498-500

Tot Ion:168 Resp: 137978

Ion Ratio Lower Upper

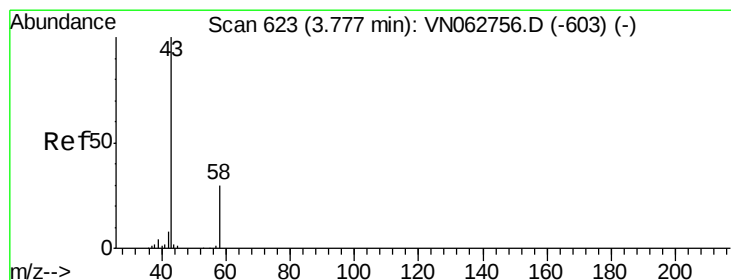
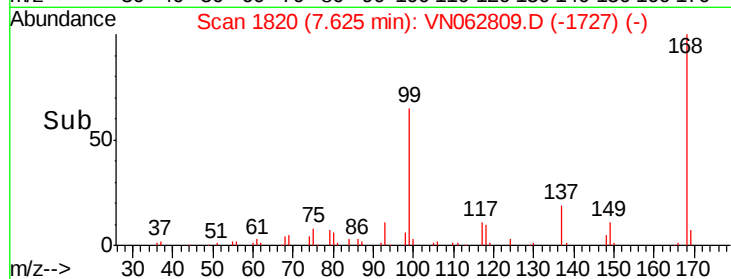
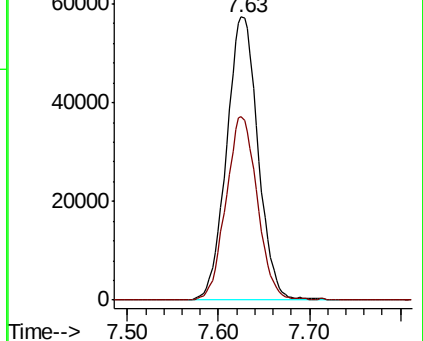
168 100

99 64.9 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 2.921 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.02 min

Lab File: VN062809.D

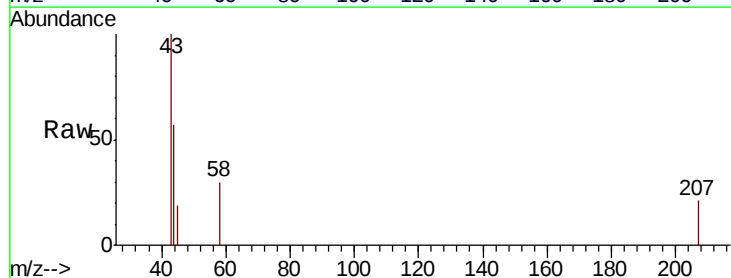
Acq: 10 Aug 2020 15:20

Tgt Ion: 43 Resp: 2408

Ion Ratio Lower Upper

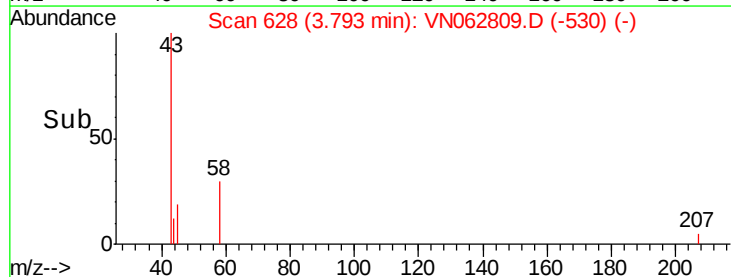
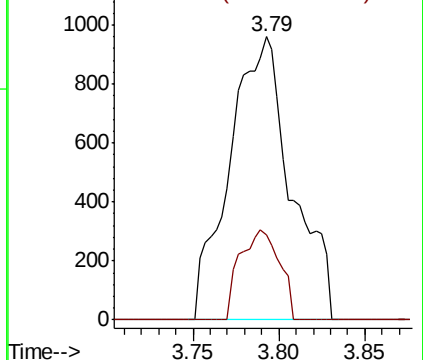
43 100

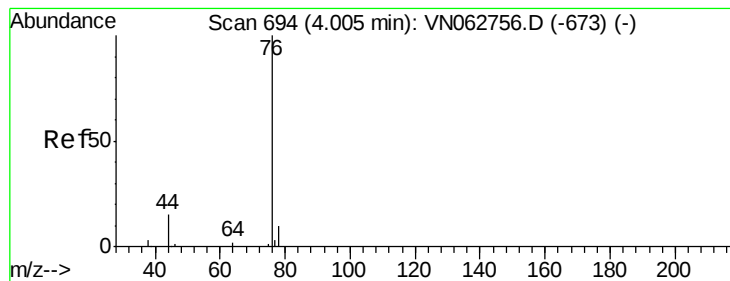
58 30.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062809.D

Acq: 10 Aug 2020 15:20

Instrument :

MSVOA_N

ClientSampleId :

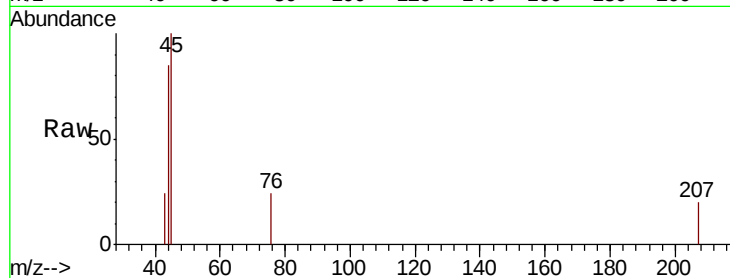
BP-VPB179-GW-498-500

Tot Ion: 76 Resp: 195

Ion Ratio Lower Upper

76 100

78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.00

150

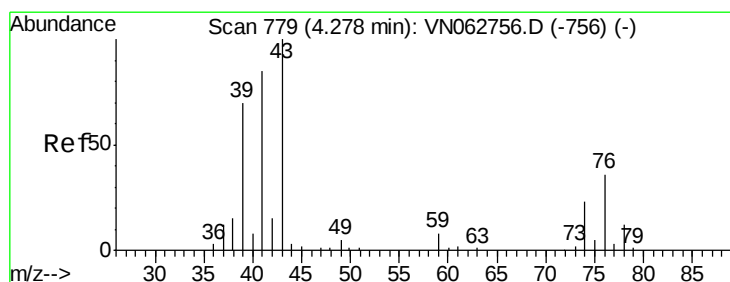
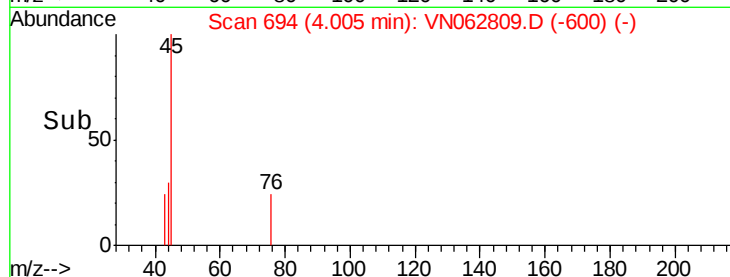
100

50

0

3.98 3.99 4.00 4.01 4.02

Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 4.29 min Scan# 783

Delta R.T. 0.01 min

Lab File: VN062809.D

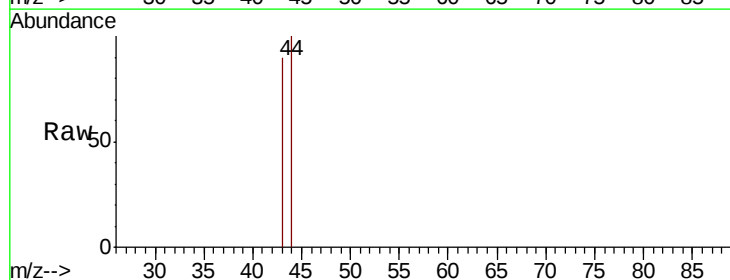
Acq: 10 Aug 2020 15:20

Tgt Ion: 43 Resp: 513

Ion Ratio Lower Upper

43 100

74 0.0 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.29

500

400

300

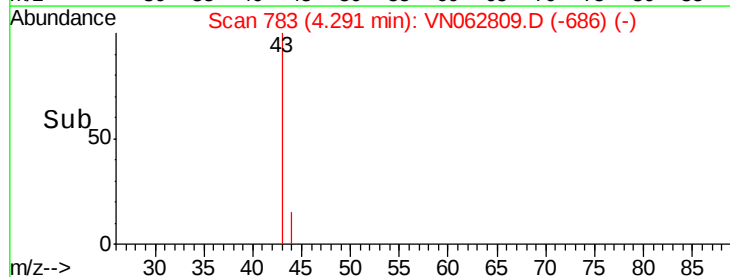
200

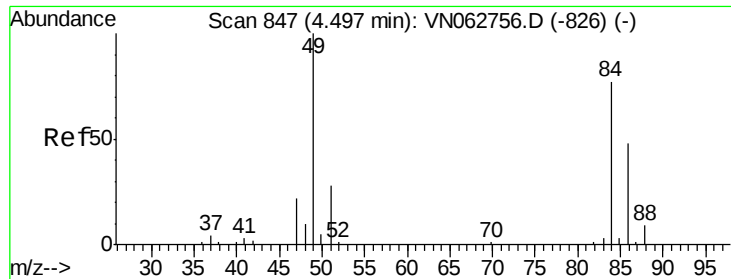
100

0

4.27 4.28 4.29 4.30

Time-->

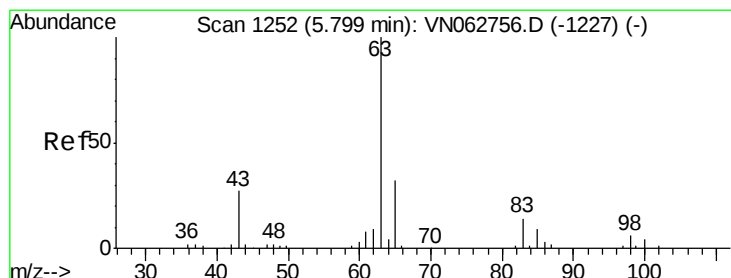
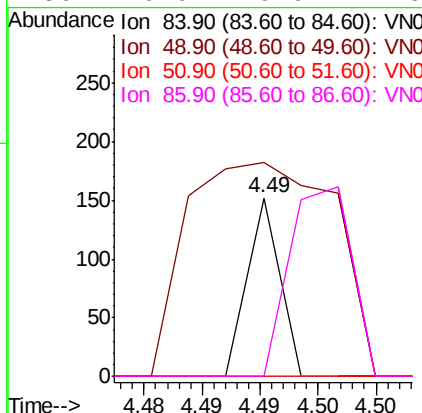
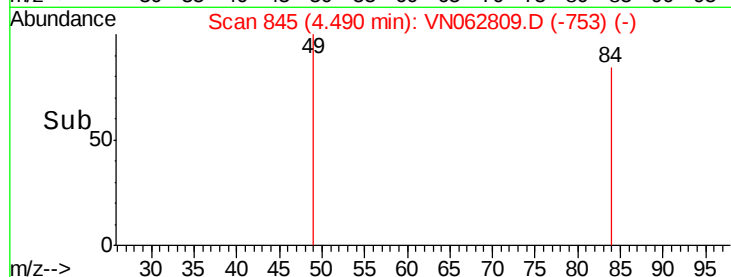
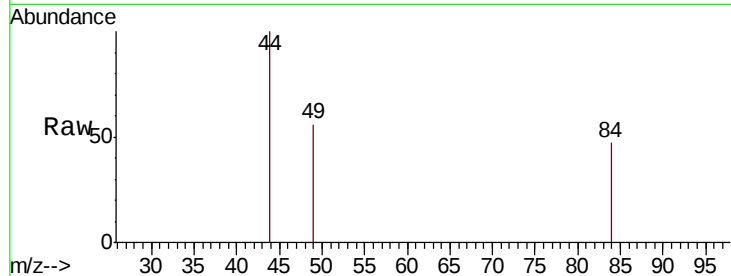




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.49 min Scan# 845
Delta R.T. -0.01 min
Lab File: VN062809.D
Acq: 10 Aug 2020 15:20

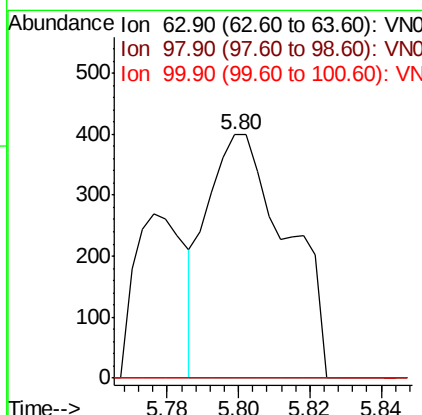
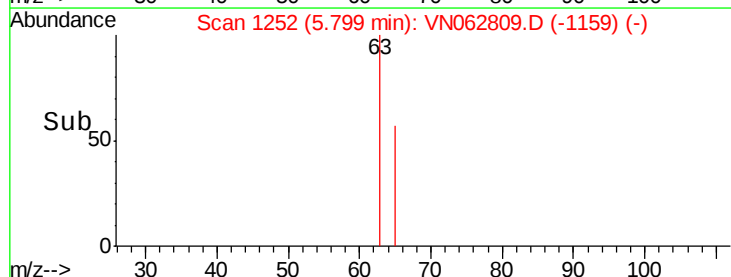
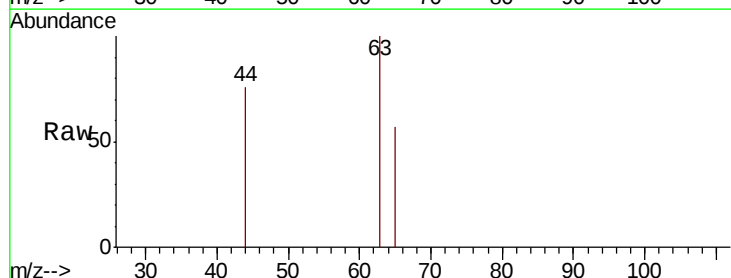
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-GW-498-500

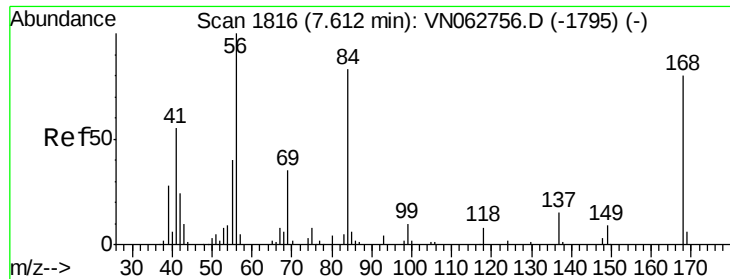
Tot Ion: 84 Resp: 29
Ion Ratio Lower Upper
84 100
49 18.4 103.4 155.2#
51 0.0 29.3 43.9#
86 0.0 49.9 74.9#



#24
1,1-Dichloroethane
Concen: 0.205 ug/l
RT: 5.80 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VN062809.D
Acq: 10 Aug 2020 15:20

Tgt Ion: 63 Resp: 618
Ion Ratio Lower Upper
63 100
98 0.0 3.0 9.2#
100 0.0 1.9 5.7#

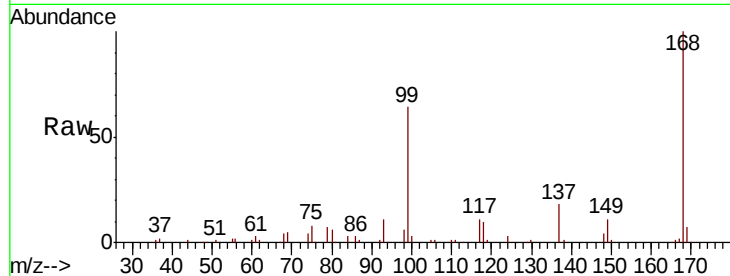




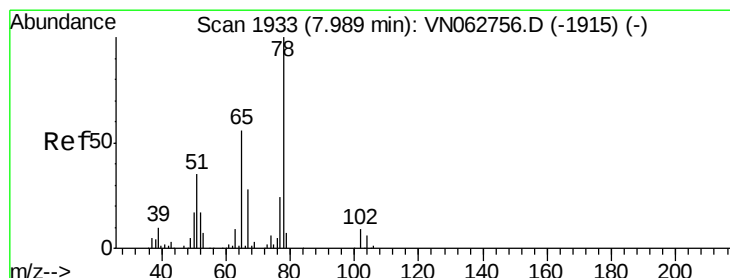
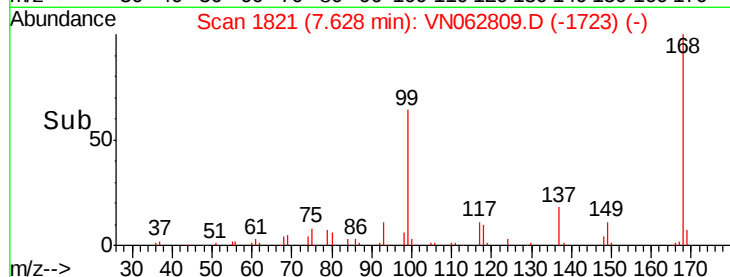
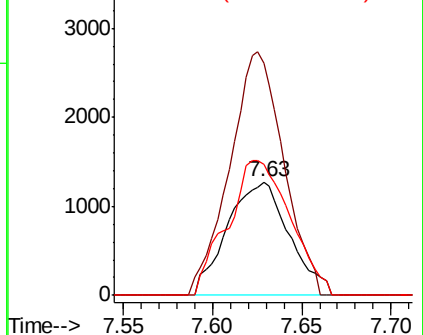
#31
Cyclohexane
Concen: 1.117 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. 0.02 min
Lab File: VN062809.D
Acq: 10 Aug 2020 15:20

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-GW-498-500

Tot Ion: 56 Resp: 3089
Ion Ratio Lower Upper
56 100
69 205.7 28.1 42.1#
84 115.5 66.8 100.2#

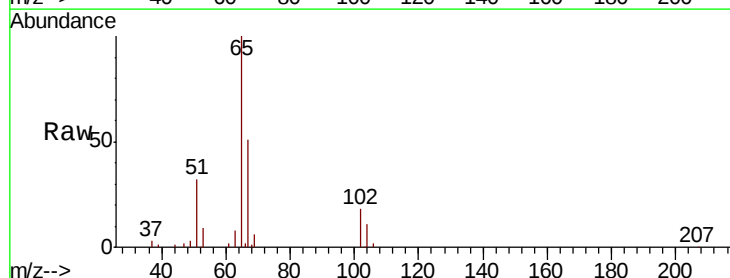


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

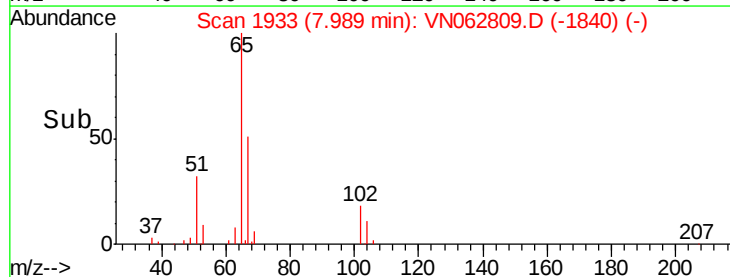
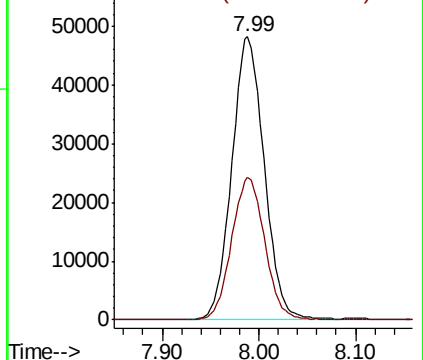


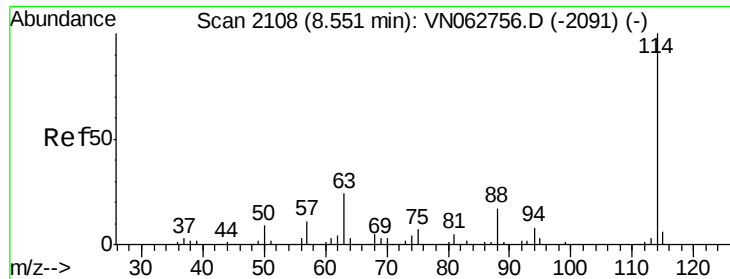
#33
1,2-Dichloroethane-d4
Concen: 49.282 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062809.D
Acq: 10 Aug 2020 15:20

Tgt Ion: 65 Resp: 112448
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.4



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

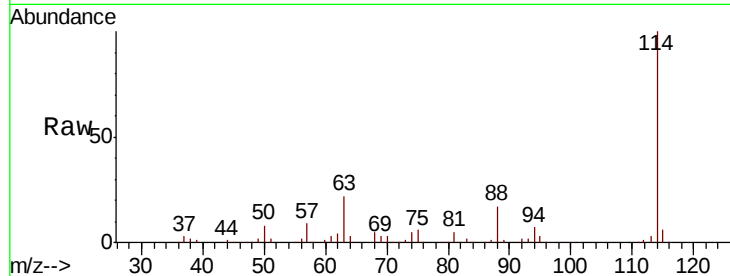




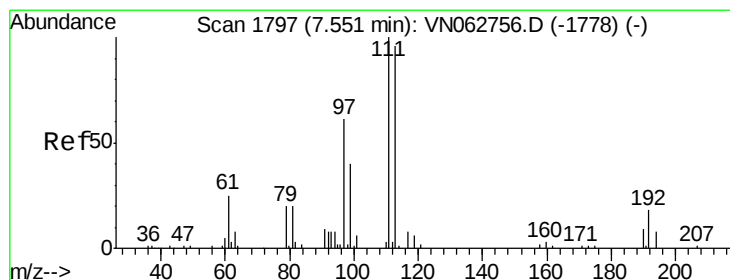
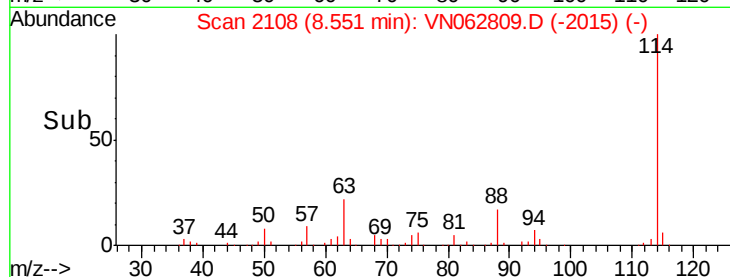
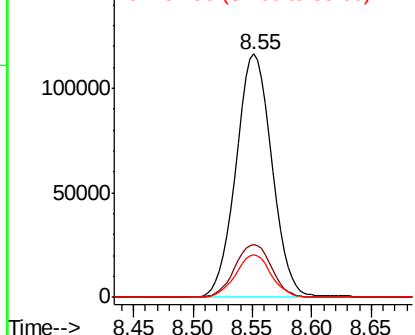
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062809.D
Acq: 10 Aug 2020 15:20

Instrument :
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BP-VPB179-GW-498-500

Tot Ion:114 Resp: 244423
Ion Ratio Lower Upper
114 100
63 21.7 0.0 47.6
88 17.5 0.0 34.4

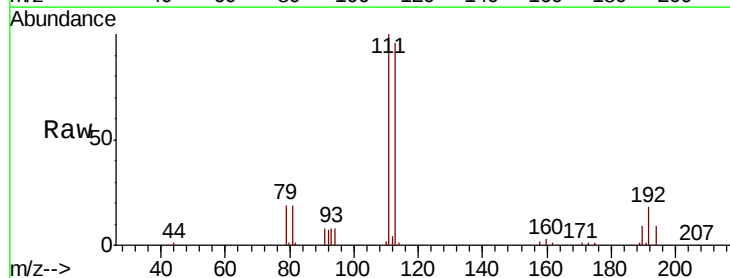


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

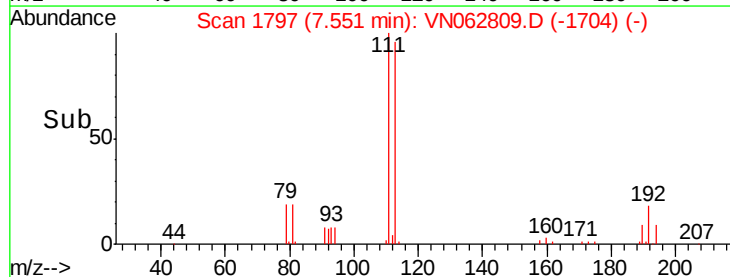
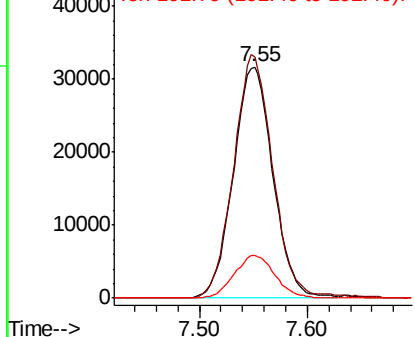


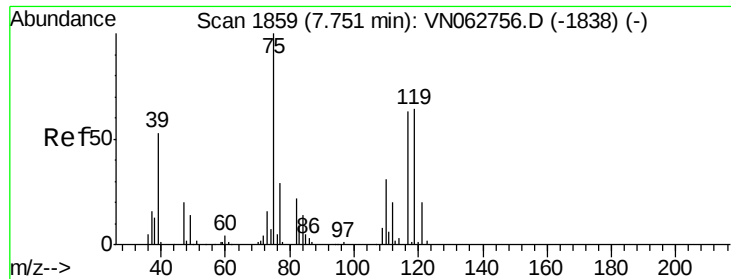
#35
Dibromofluoromethane
Concen: 48.454 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN062809.D
Acq: 10 Aug 2020 15:20

Tgt Ion:113 Resp: 81014
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 18.9 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

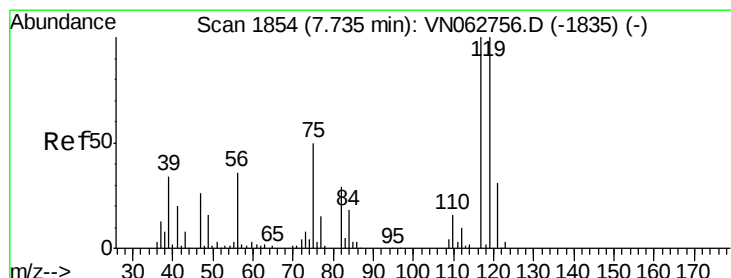
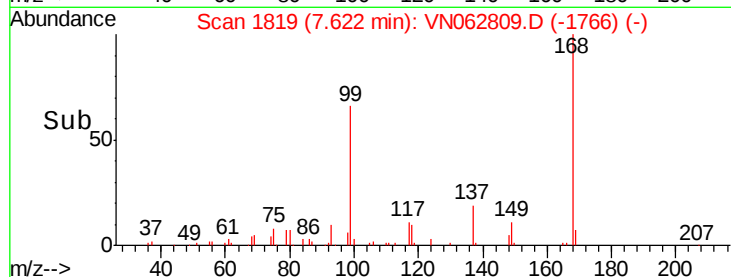
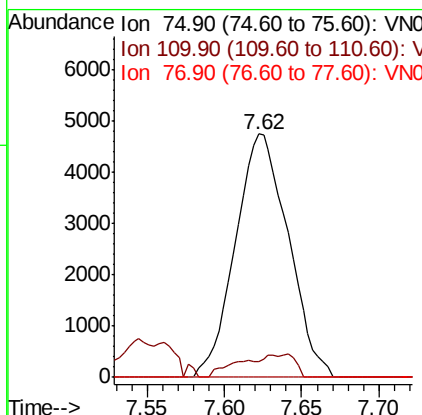
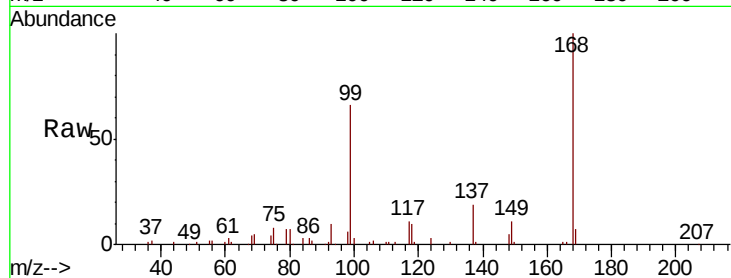




#36
 1,1-Dichloropropene
 Concen: 4.733 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062809.D
 Acq: 10 Aug 2020 15:20

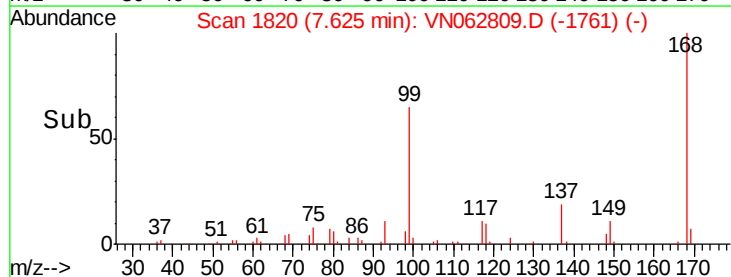
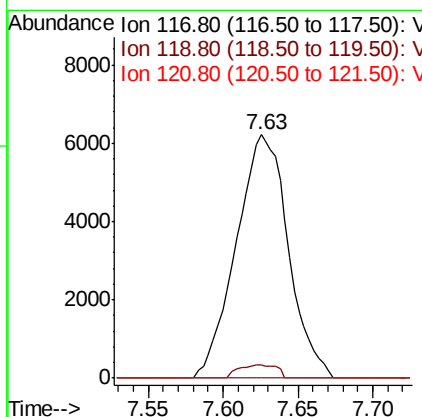
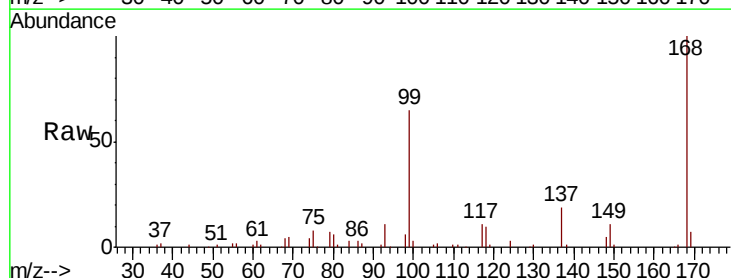
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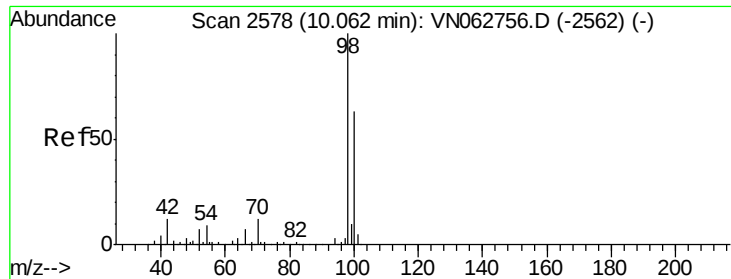
Tot Ion	75	Resp	11265
Ion Ratio	100	Lower	Upper
75	100		
110	7.2	15.6	46.7#
77	0.0	24.1	36.1#



#38
 Carbon Tetrachloride
 Concen: 5.341 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN062809.D
 Acq: 10 Aug 2020 15:20

Tgt Ion	117	Resp	15035
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.2	79.4	119.2#
121	0.0	24.9	37.3#





#50

Toluene-d8

Concen: 47.977 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062809.D

Acq: 10 Aug 2020 15:20

Instrument :

MSVOA_N

ClientSampleId :

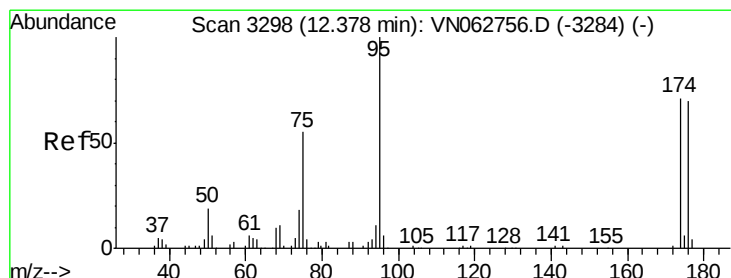
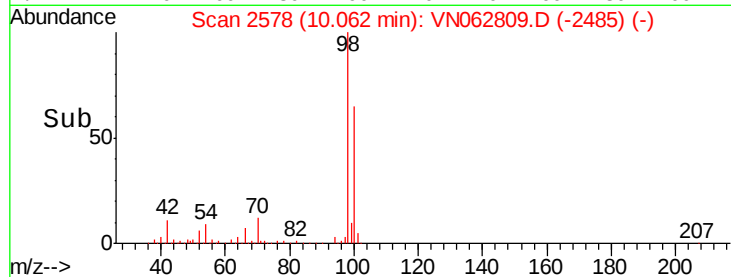
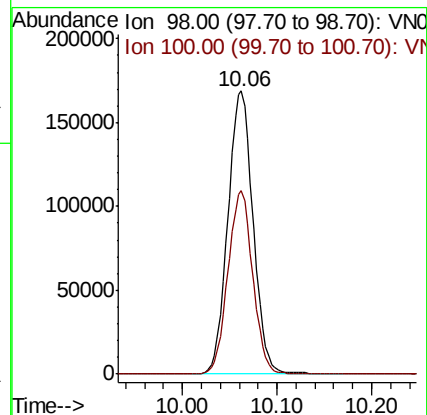
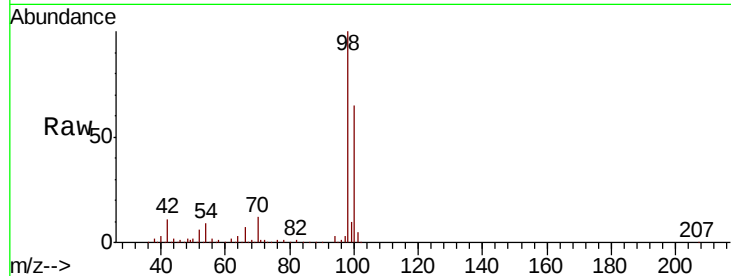
BP-VPB179-GW-498-500

Tot Ion: 98 Resp: 313174

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 48.639 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062809.D

Acq: 10 Aug 2020 15:20

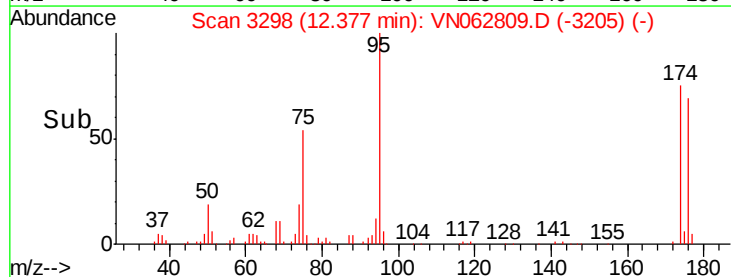
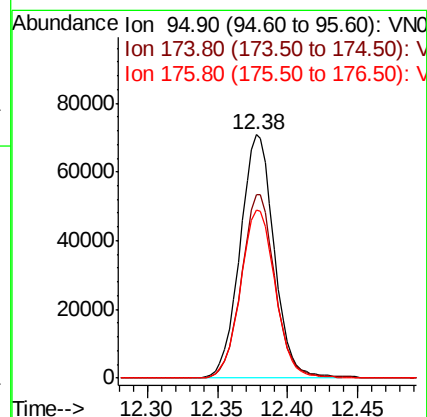
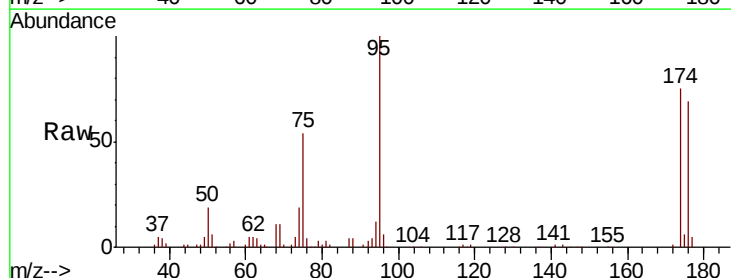
Tgt Ion: 95 Resp: 119982

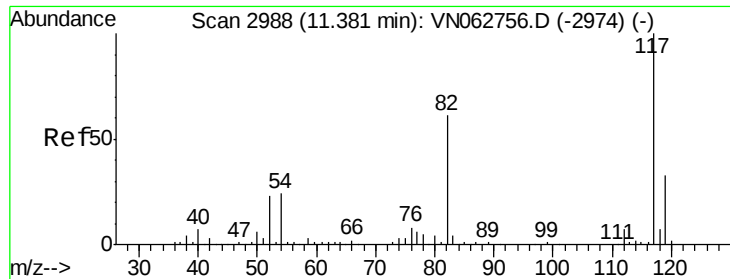
Ion Ratio Lower Upper

95 100

174 74.6 0.0 144.8

176 70.6 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: VN062809.D

Acq: 10 Aug 2020 15:20

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB179-GW-498-500

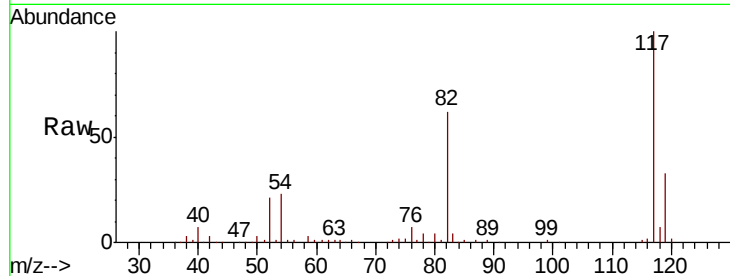
Tot Ion:117 Resp: 243344

Ion Ratio Lower Upper

117 100

82 61.8 49.0 73.4

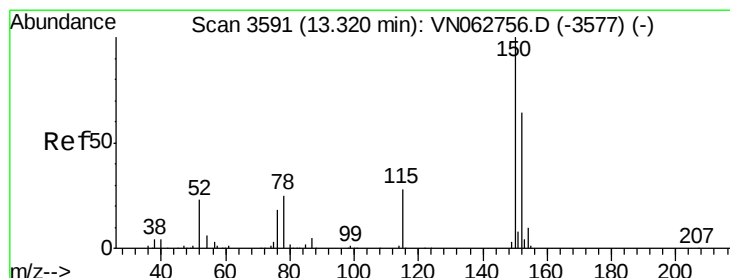
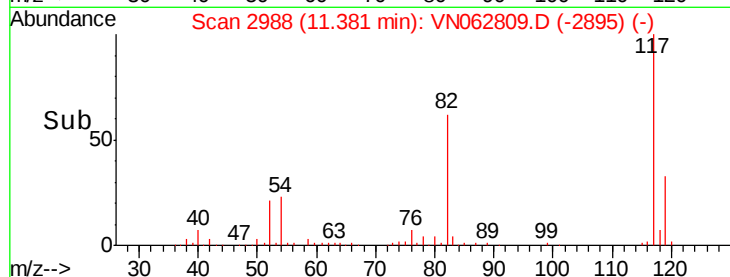
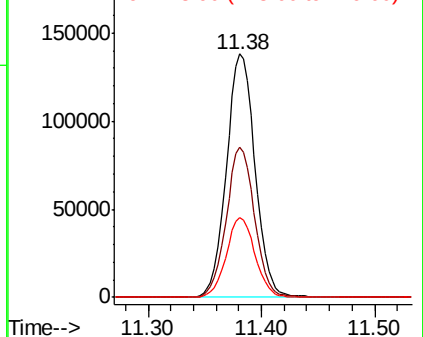
119 32.6 26.2 39.2



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: VN062809.D

Acq: 10 Aug 2020 15:20

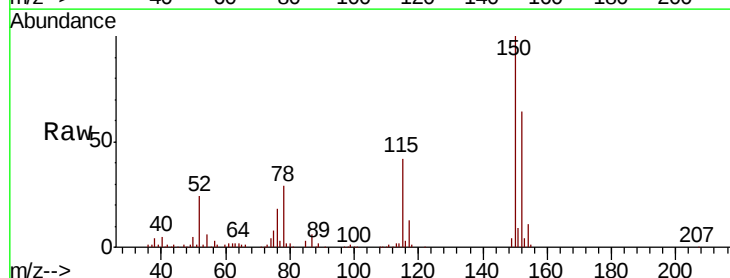
Tgt Ion:152 Resp: 97549

Ion Ratio Lower Upper

152 100

115 64.2 31.6 94.8

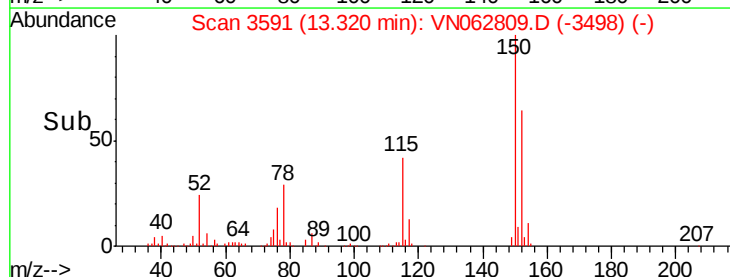
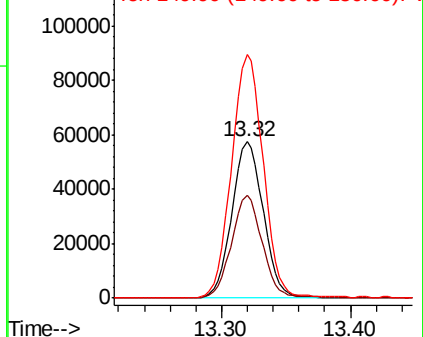
150 157.1 0.0 349.2

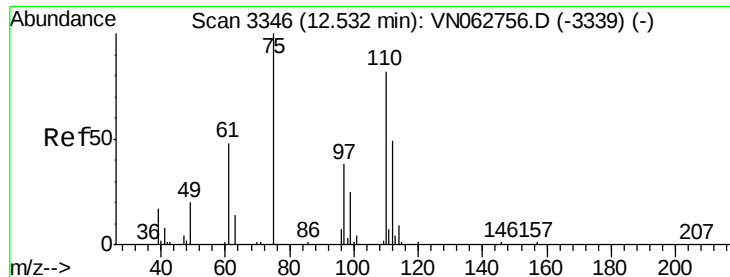


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

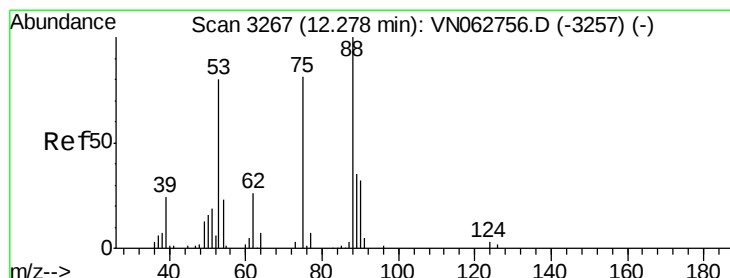
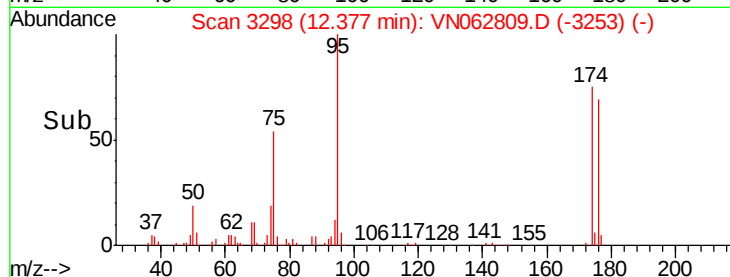
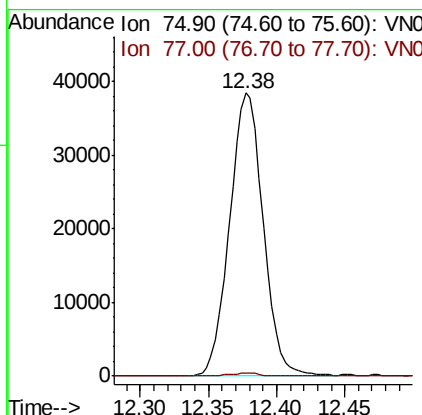
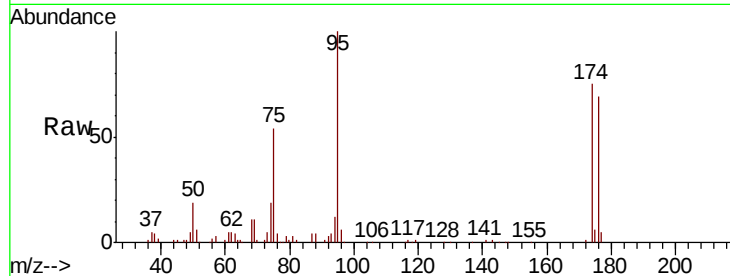




#76
 1,2,3-Trichloropropane
 Concen: 24.958 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062809.D
 Acq: 10 Aug 2020 15:20

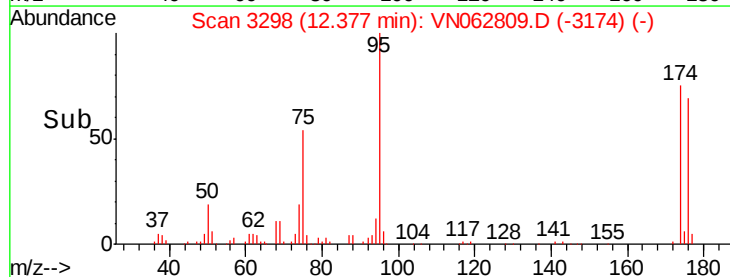
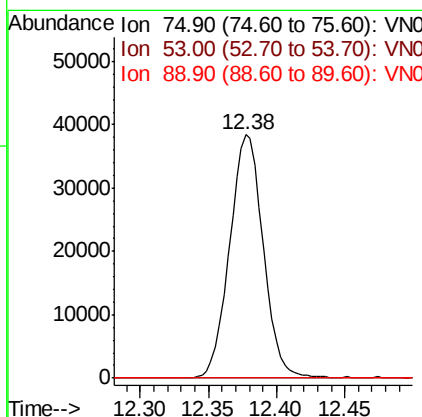
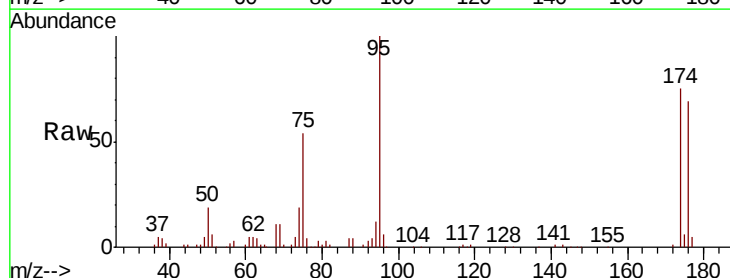
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-GW-498-500

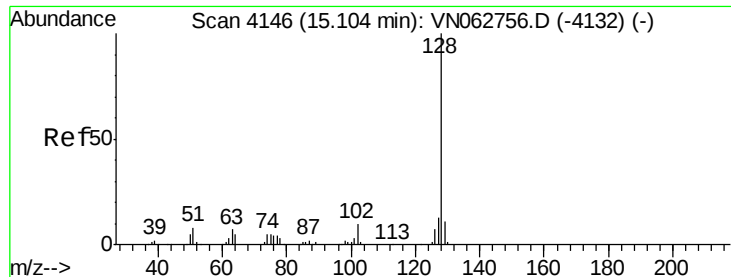
Tot Ion: 75 Resp: 65658
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.188 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062809.D
 Acq: 10 Aug 2020 15:20

Tgt Ion: 75 Resp: 65658
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.1 118.7#
 89 0.0 36.2 54.2#





#95

Naphthalene

Concen: 3.743 ug/l

RT: 15.12 min Scan# 4151

Delta R.T. 0.02 min

Lab File: VN062809.D

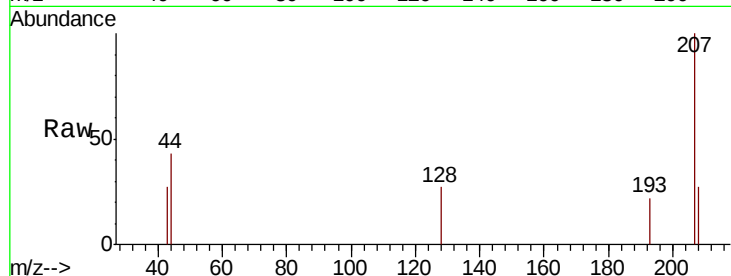
Acq: 10 Aug 2020 15:20

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB179-GW-498-500



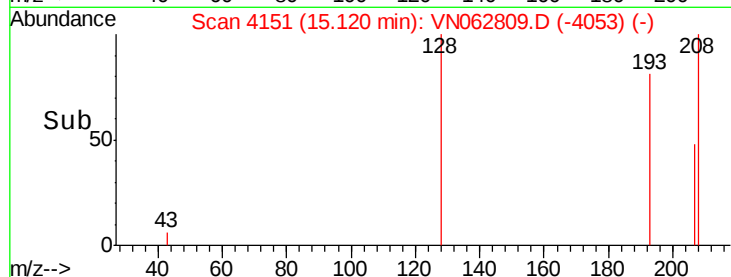
Tot Ion:128 Resp: 169

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

129 0.0 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

