

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081020\
 Data File : VN062808.D
 Acq On : 10 Aug 2020 14:56
 Operator : JC/MD
 Sample : L3618-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-GW-458-460

Quant Time: Aug 11 06:54:53 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	144582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	252336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	250481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	96088	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	115477	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
35) Dibromofluoromethane	7.55	113	84412	48.90	ug/l	0.00
Spiked Amount			Recovery	=	97.80%	
50) Toluene-d8	10.06	98	322247	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	12.38	95	122170	47.97	ug/l	0.00
Spiked Amount			Recovery	=	95.94%	

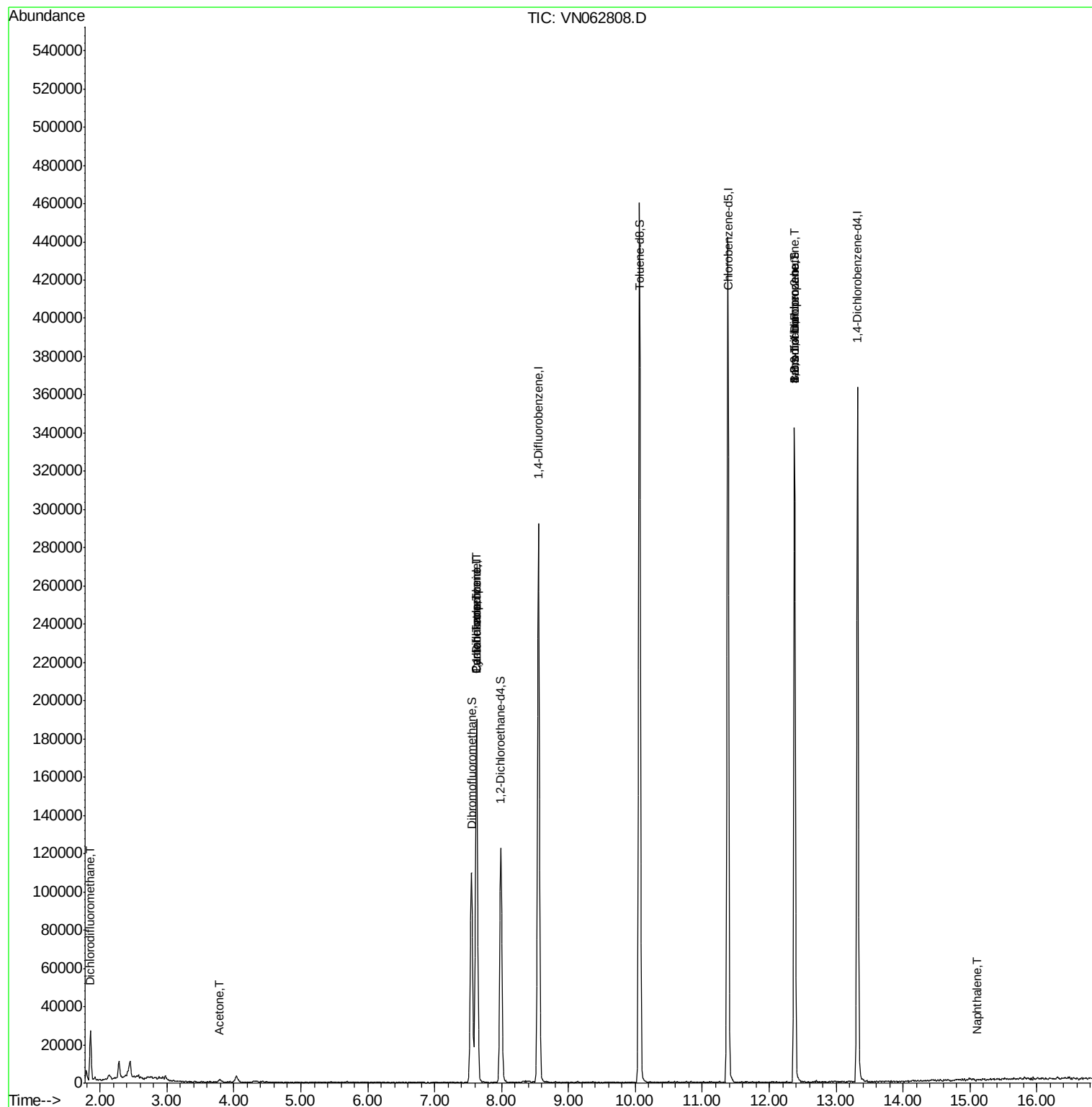
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.86	85	489	0.236	ug/l #	42
16) Acetone	3.79	43	2557	2.960	ug/l	99
17) Carbon Disulfide	4.01	76	217	Below Cal	#	74
18) Methyl Acetate	4.28	43	292	Below Cal	#	52
20) Methylene Chloride	4.48	84	32	Below Cal	#	5
31) Cyclohexane	7.62	56	3377	1.165	ug/l #	34
36) 1,1-Dichloropropene	7.63	75	12228	4.977	ug/l #	52
38) Carbon Tetrachloride	7.63	117	15975	5.497	ug/l #	14
71) Bromoform	12.37	173	383	0.223	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	65554	25.297	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	65554	77.224	ug/l #	10
95) Naphthalene	15.12	128	204	3.751	ug/l #	68

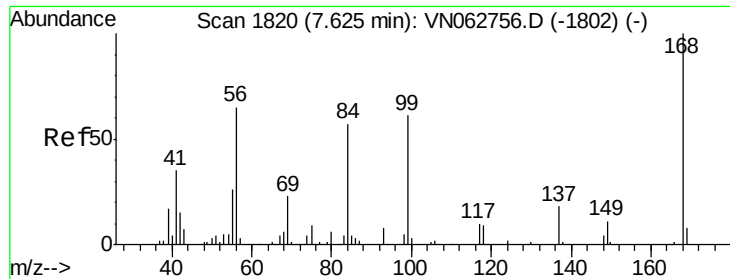
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062808.D

Acq: 10 Aug 2020 14:56

Instrument :

MSVOA_N

ClientSampleId :

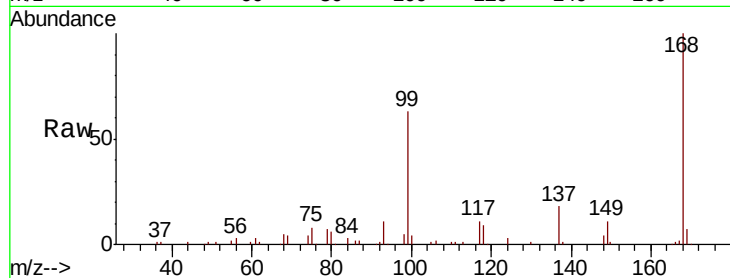
BP-VPB179-GW-458-460

Tot Ion:168 Resp: 144582

Ion Ratio Lower Upper

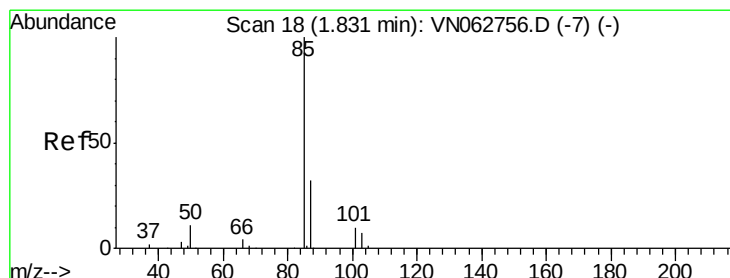
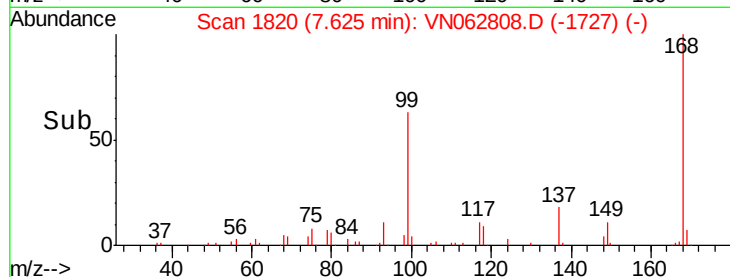
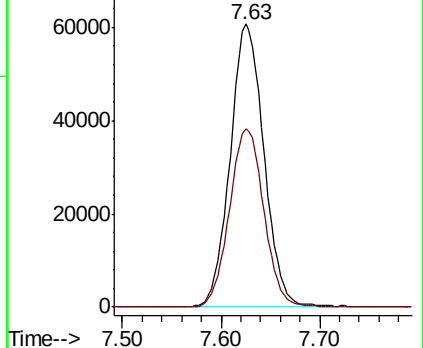
168 100

99 63.0 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 0.236 ug/l

RT: 1.86 min Scan# 27

Delta R.T. 0.03 min

Lab File: VN062808.D

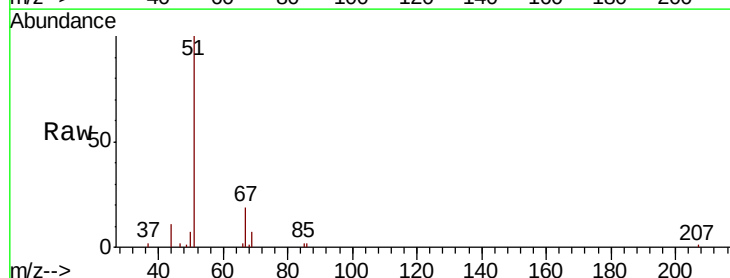
Acq: 10 Aug 2020 14:56

Tgt Ion: 85 Resp: 489

Ion Ratio Lower Upper

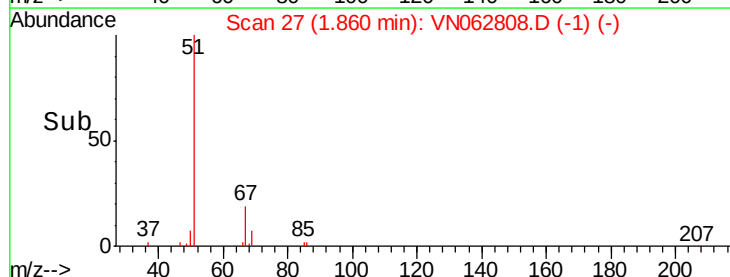
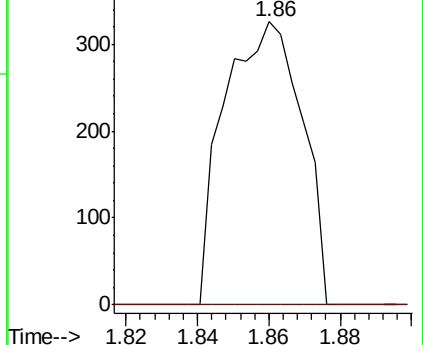
85 100

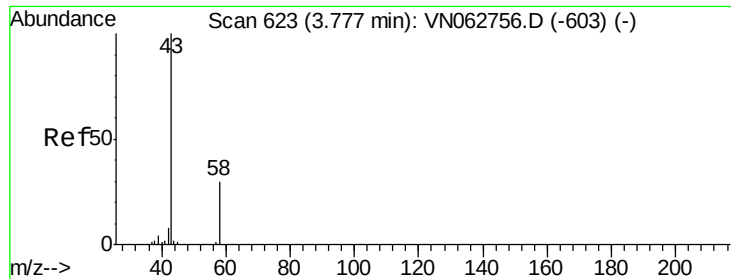
87 0.0 16.2 48.6#



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

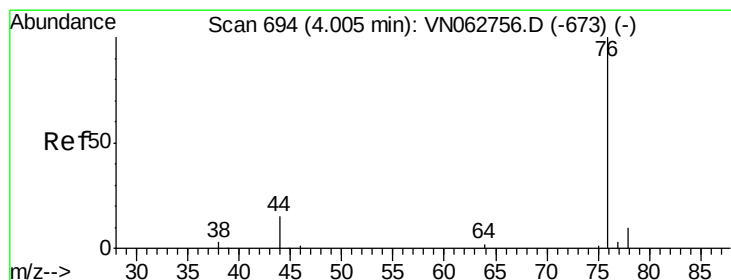
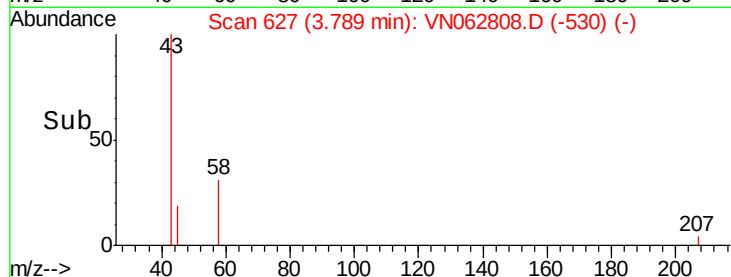
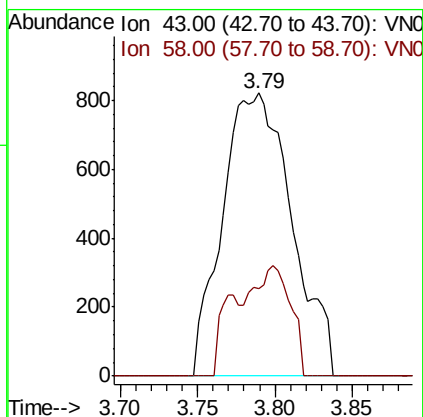
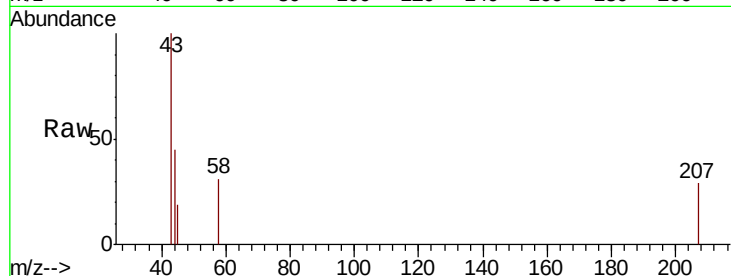




#16
Acetone
Concen: 2.960 ug/l
RT: 3.79 min Scan# 627
Delta R.T. 0.01 min
Lab File: VN062808.D
Acq: 10 Aug 2020 14:56

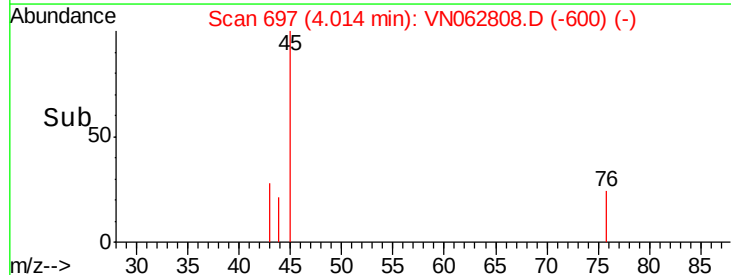
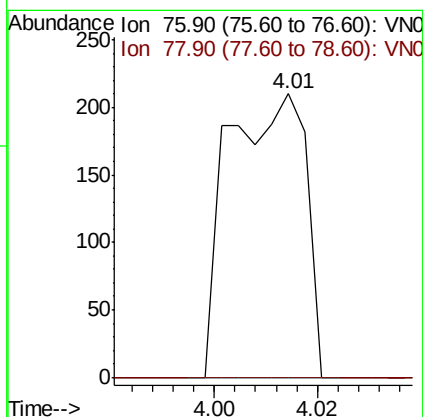
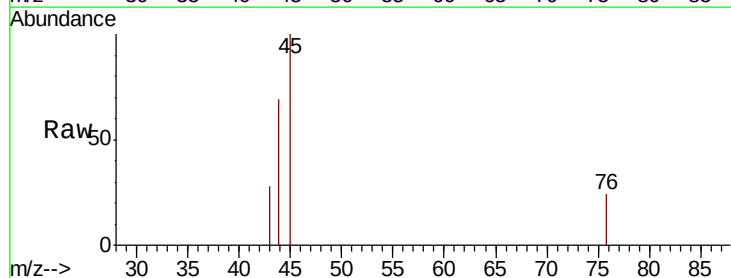
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BP-VPB179-GW-458-460

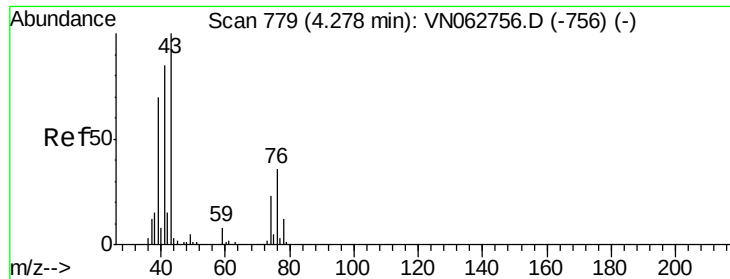
Tot Ion: 43 Resp: 2557
Ion Ratio Lower Upper
43 100
58 30.9 24.1 36.1



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.01 min Scan# 697
Delta R.T. 0.01 min
Lab File: VN062808.D
Acq: 10 Aug 2020 14:56

Tgt Ion: 76 Resp: 217
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#

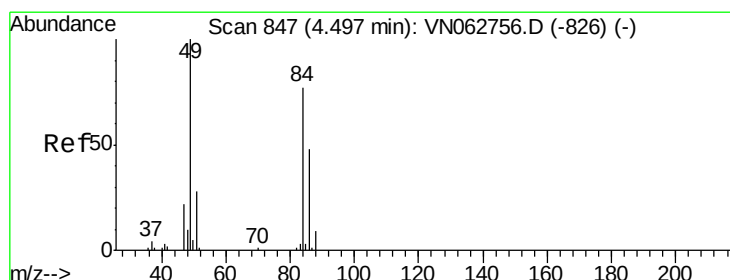
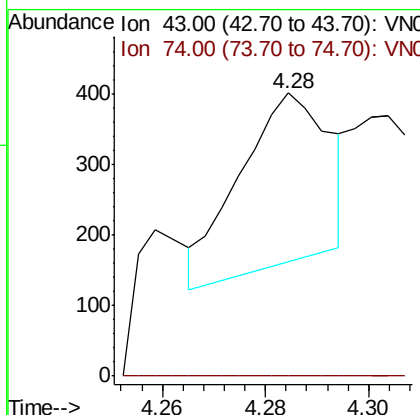
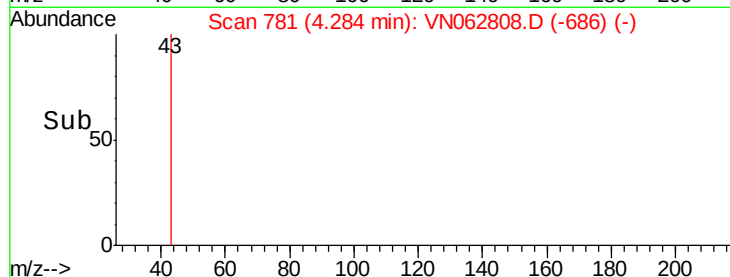
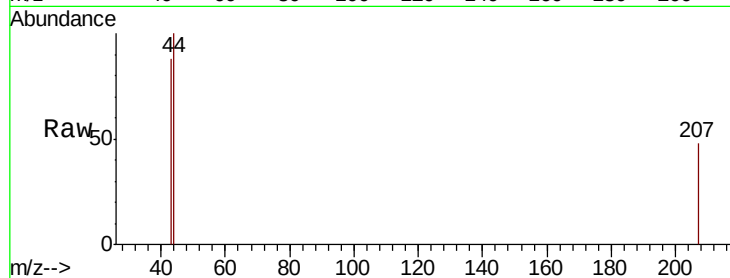




#18
Methyl Acetate
Concen: Below Cal
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN062808.D
Acq: 10 Aug 2020 14:56

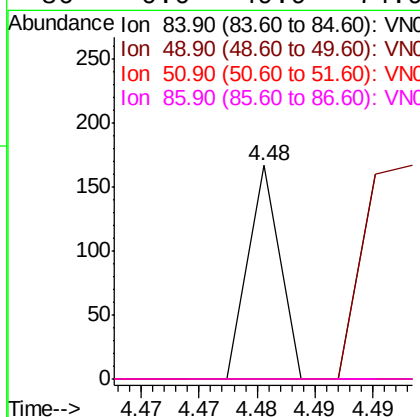
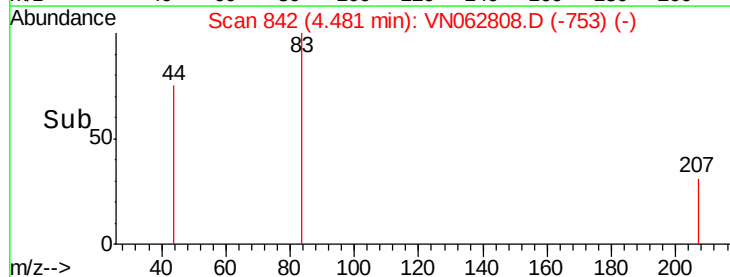
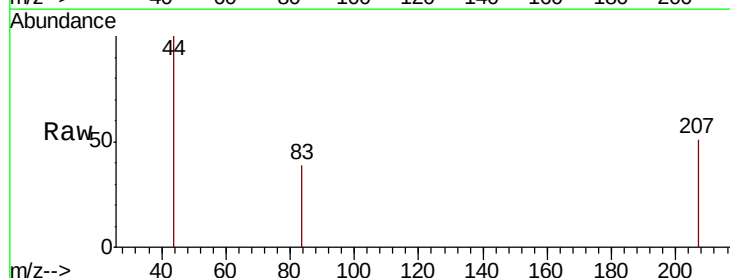
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-GW-458-460

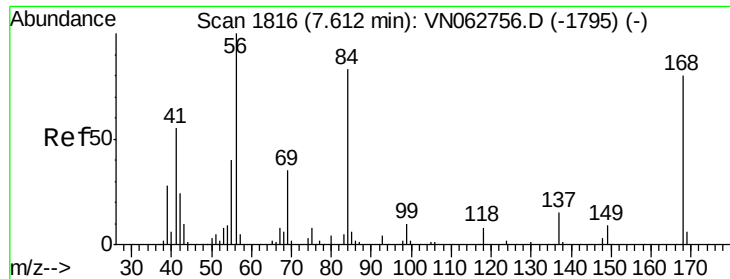
Tot Ion: 43 Resp: 292
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.48 min Scan# 842
Delta R.T. -0.02 min
Lab File: VN062808.D
Acq: 10 Aug 2020 14:56

Tgt Ion: 84 Resp: 32
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#

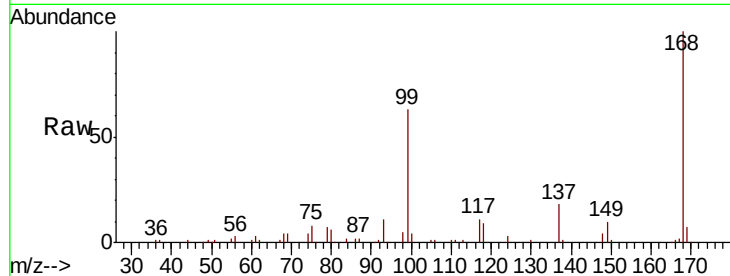




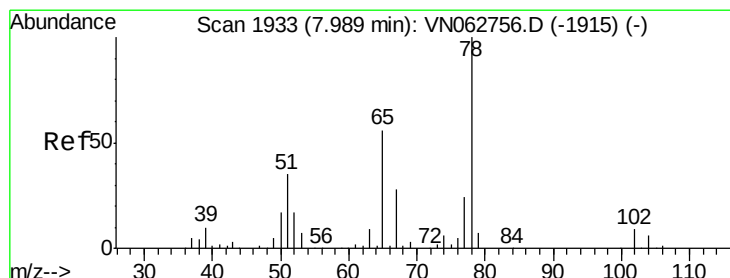
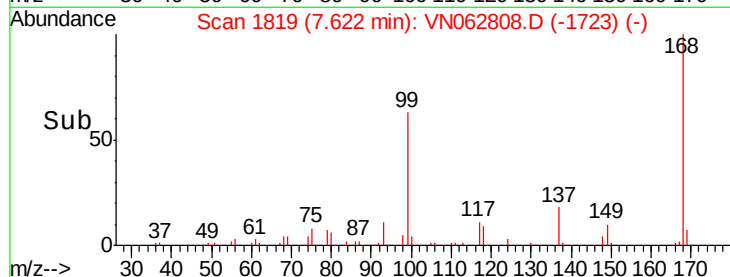
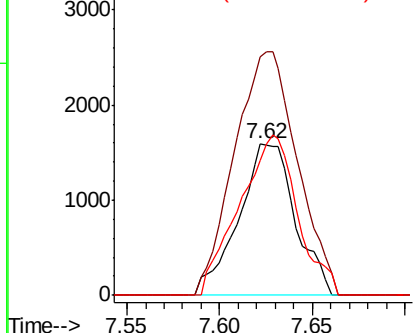
#31
Cyclohexane
Concen: 1.165 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN062808.D
Acq: 10 Aug 2020 14:56

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-GW-458-460

Tot Ion: 56 Resp: 3377
Ion Ratio Lower Upper
56 100
69 156.9 28.1 42.1#
84 89.1 66.8 100.2

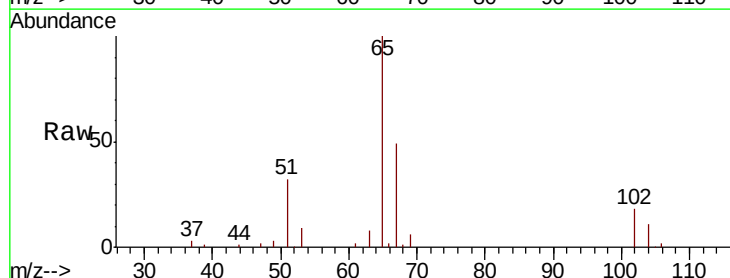


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

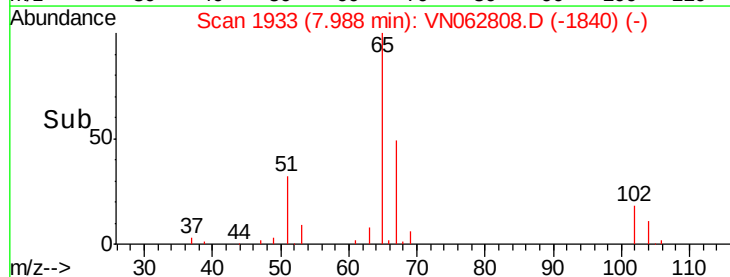
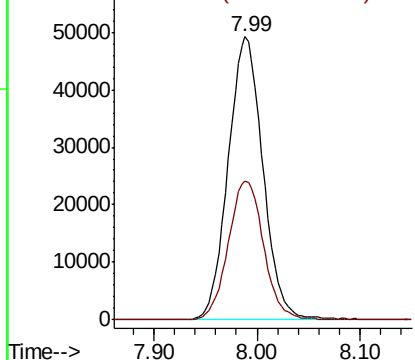


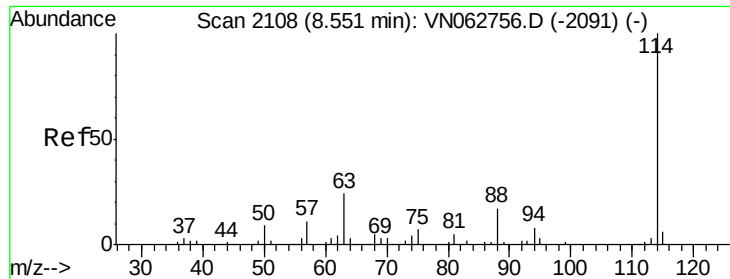
#33
1,2-Dichloroethane-d4
Concen: 48.298 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062808.D
Acq: 10 Aug 2020 14:56

Tgt Ion: 65 Resp: 115477
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.4



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

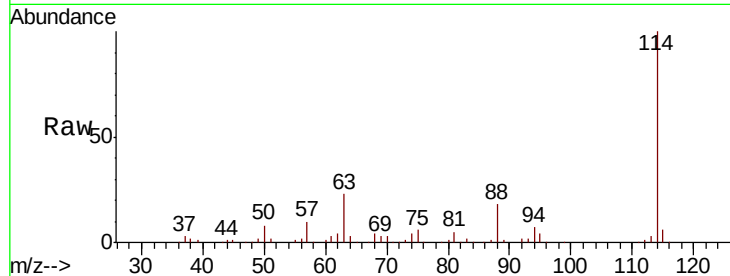




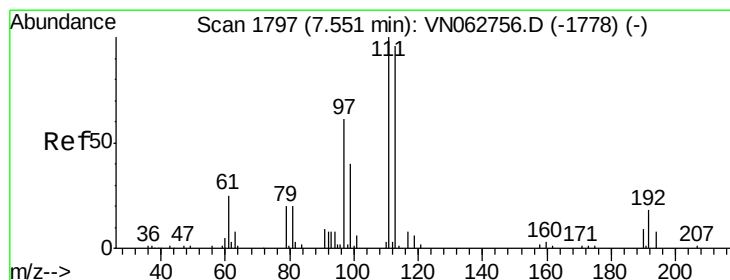
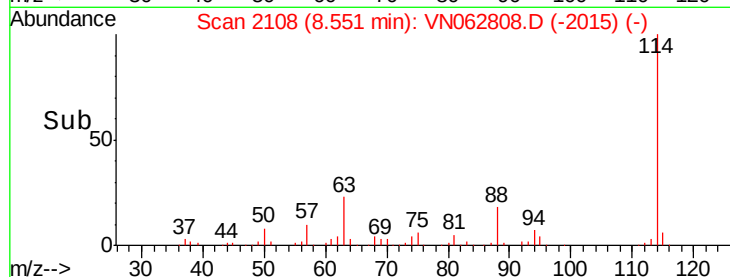
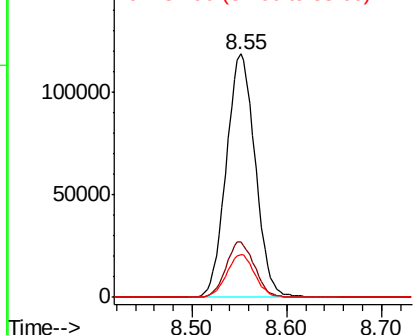
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062808.D
Acq: 10 Aug 2020 14:56

Instrument :
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ClientSampleId :
BP-VPB179-GW-458-460

Tot Ion:114 Resp: 252336
Ion Ratio Lower Upper
114 100
63 22.7 0.0 47.6
88 17.8 0.0 34.4

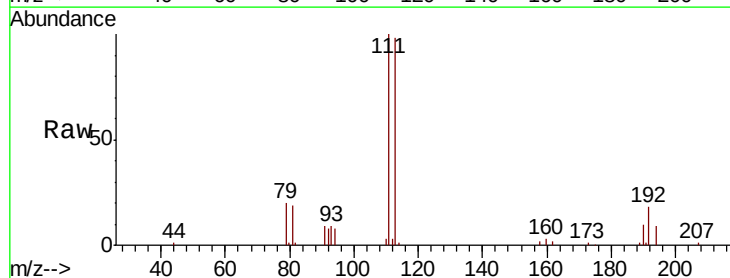


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

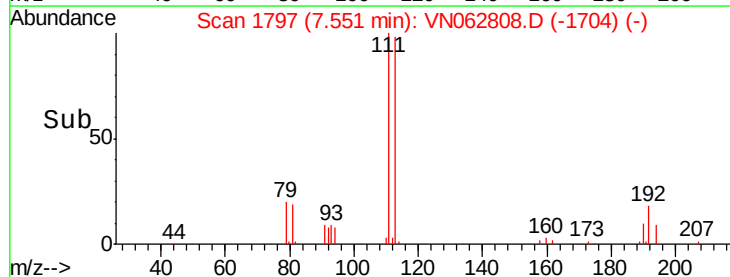
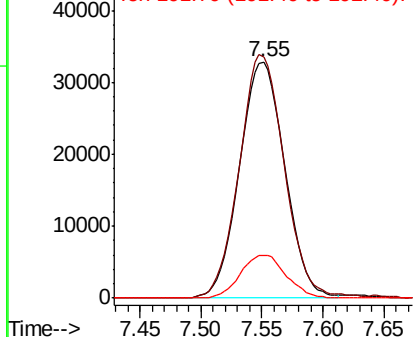


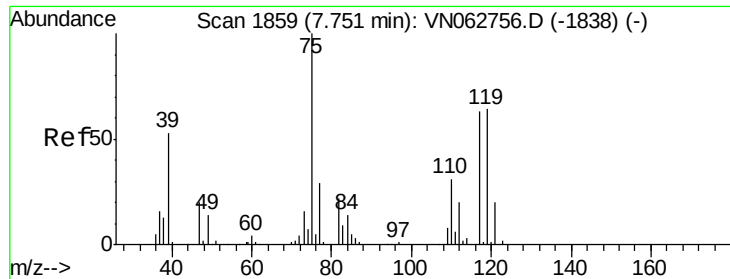
#35
Dibromofluoromethane
Concen: 48.903 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN062808.D
Acq: 10 Aug 2020 14:56

Tgt Ion:113 Resp: 84412
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.6
192 18.2 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

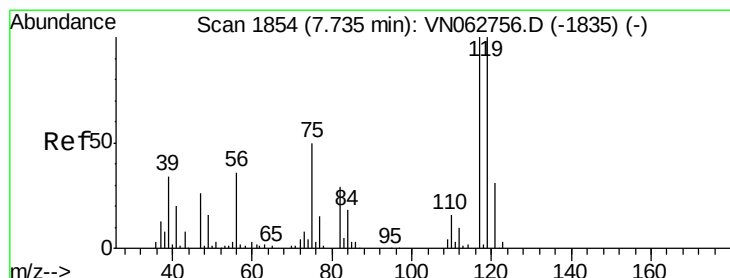
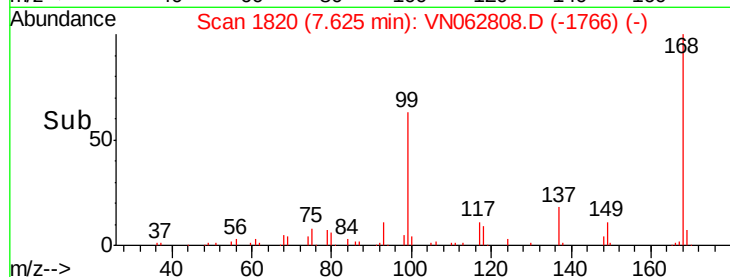
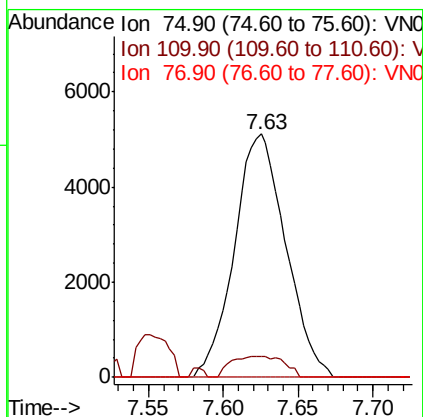
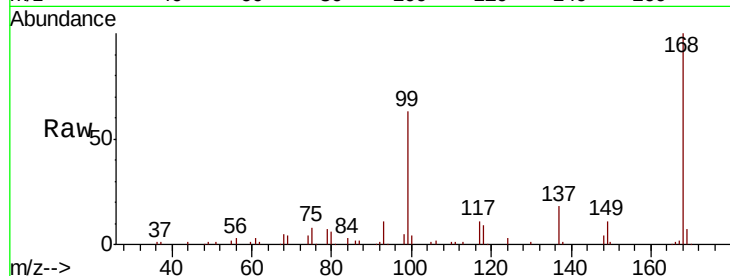




#36
 1,1-Dichloropropene
 Concen: 4.977 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062808.D
 Acq: 10 Aug 2020 14:56

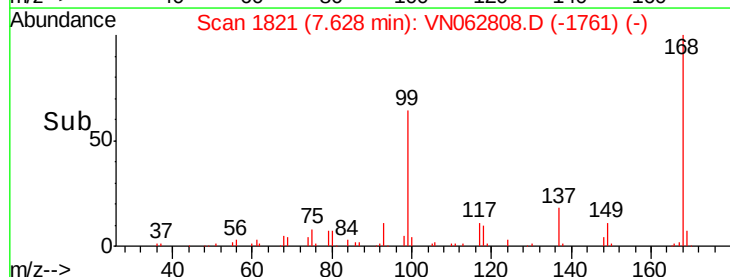
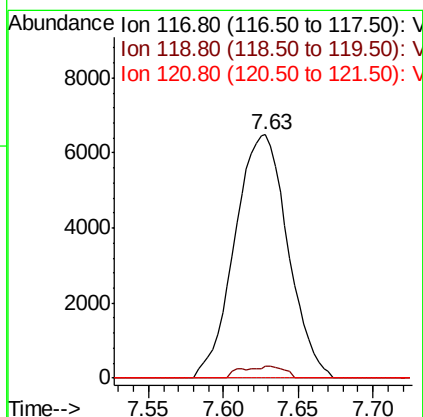
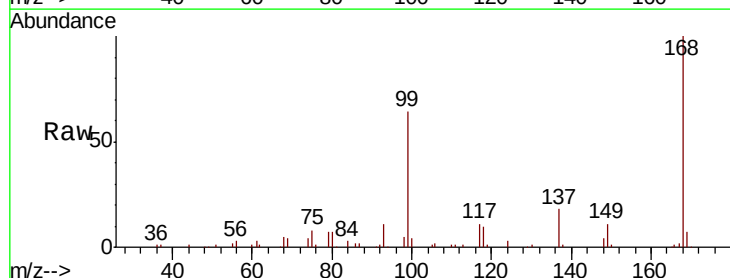
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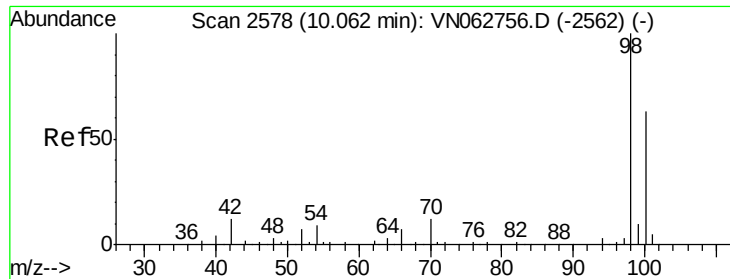
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	15.6	46.7#
77	0.0	24.1	36.1#



#38
 Carbon Tetrachloride
 Concen: 5.497 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.11 min
 Lab File: VN062808.D
 Acq: 10 Aug 2020 14:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	79.4	119.2#
121	0.0	24.9	37.3#

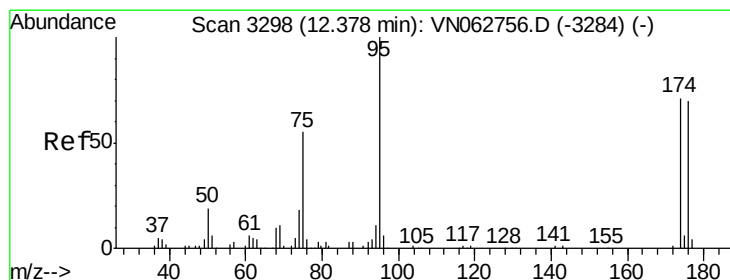
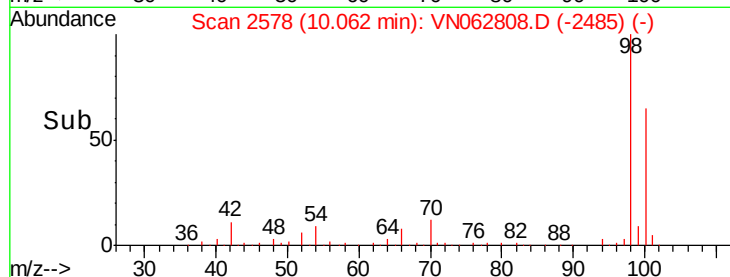
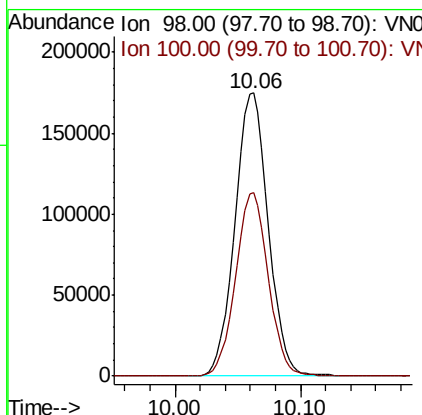
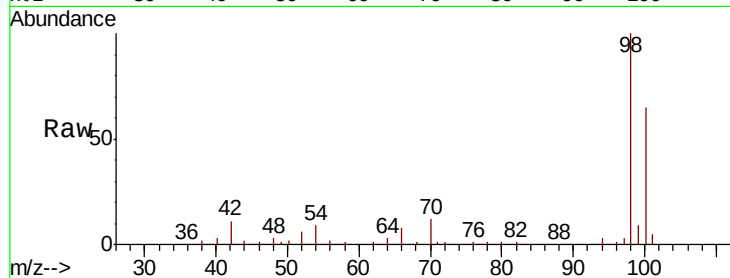




#50
Toluene-d8
Concen: 47.819 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. -0.00 min
Lab File: VN062808.D
Acq: 10 Aug 2020 14:56

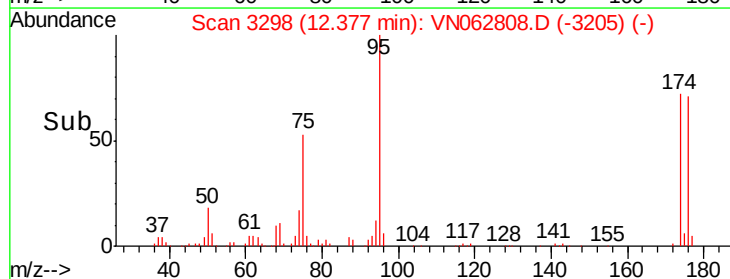
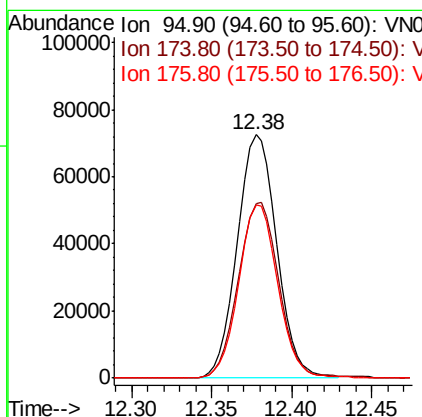
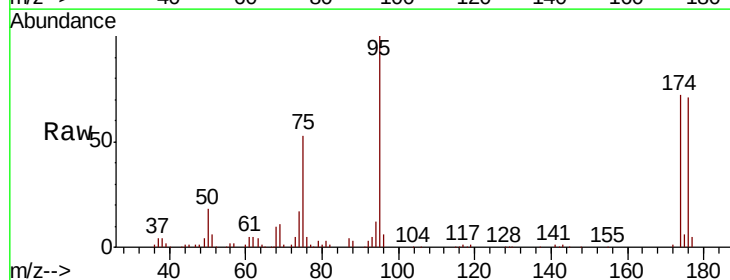
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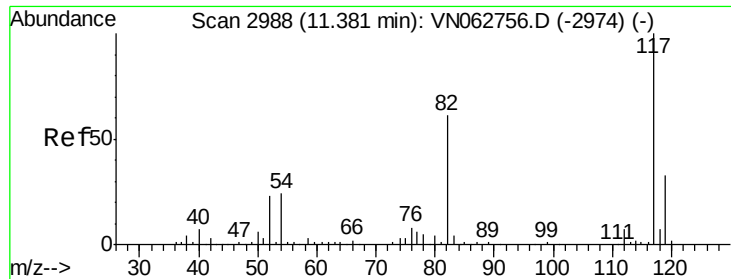
Tot Ion: 98 Resp: 322247
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.973 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062808.D
Acq: 10 Aug 2020 14:56

Tgt Ion: 95 Resp: 122170
Ion Ratio Lower Upper
95 100
174 74.3 0.0 144.8
176 70.9 0.0 142.2

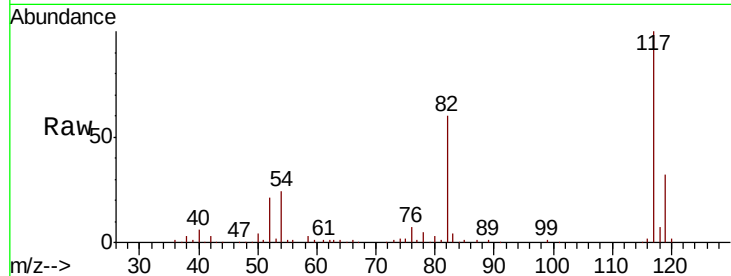




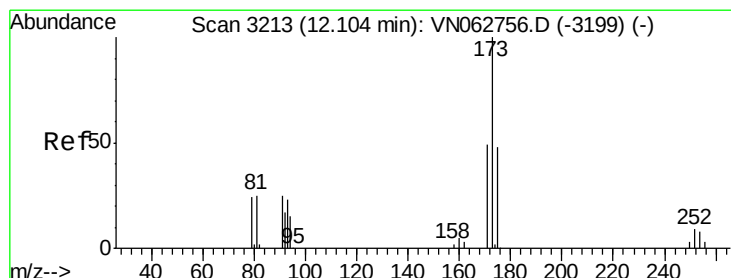
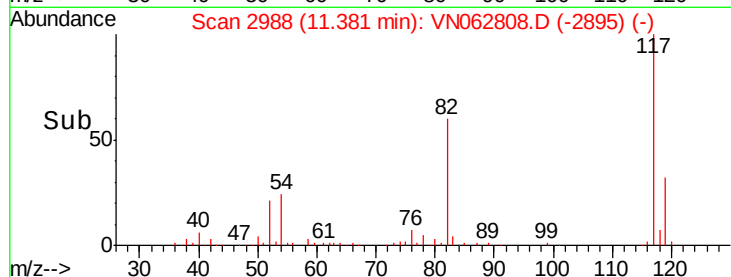
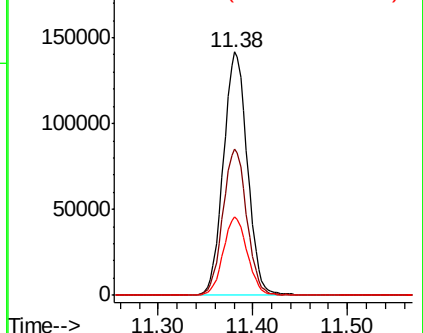
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062808.D
Acq: 10 Aug 2020 14:56

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-GW-458-460

Tot Ion:117 Resp: 250481
Ion Ratio Lower Upper
117 100
82 60.1 49.0 73.4
119 32.2 26.2 39.2

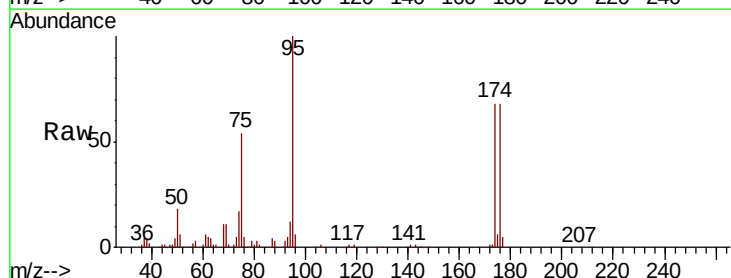


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

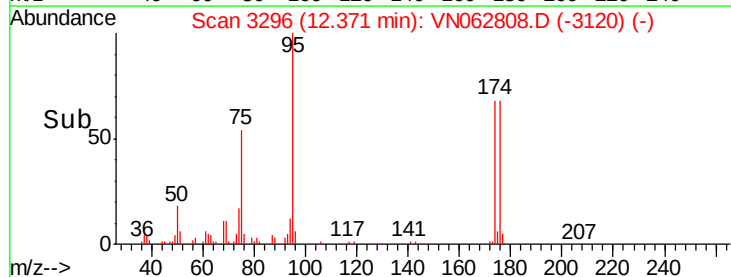
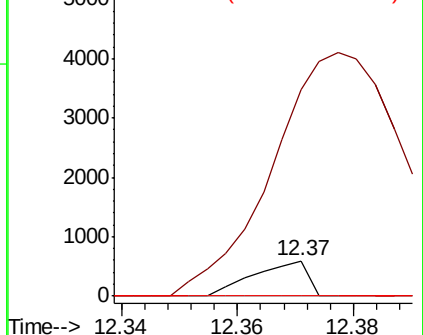


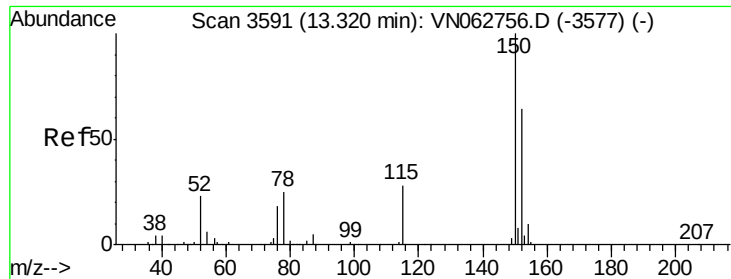
#71
Bromoform
Concen: 0.223 ug/l
RT: 12.37 min Scan# 3296
Delta R.T. 0.27 min
Lab File: VN062808.D
Acq: 10 Aug 2020 14:56

Tgt Ion:173 Resp: 383
Ion Ratio Lower Upper
173 100
175 1555.9 24.0 72.0#
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: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062808.D

Acq: 10 Aug 2020 14:56

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB179-GW-458-460

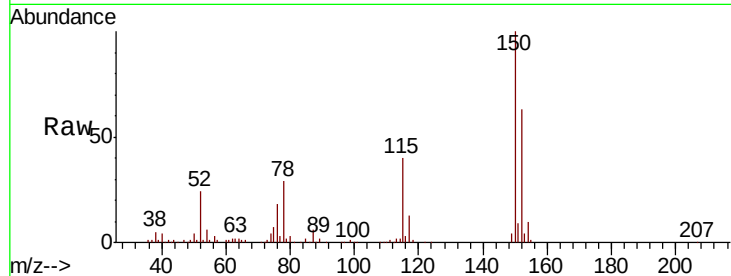
Tot Ion:152 Resp: 96088

Ion Ratio Lower Upper

152 100

115 63.5 31.6 94.8

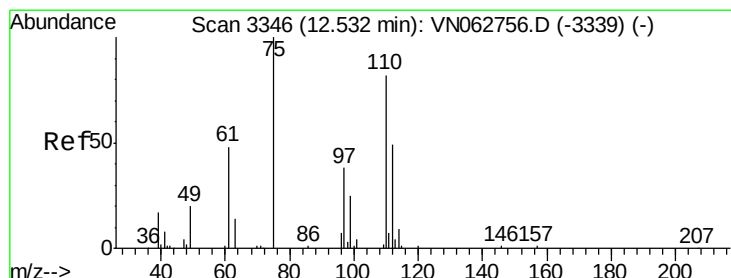
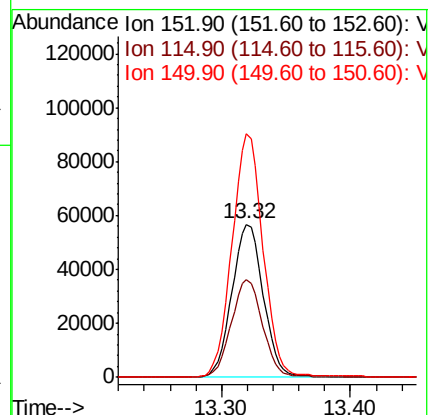
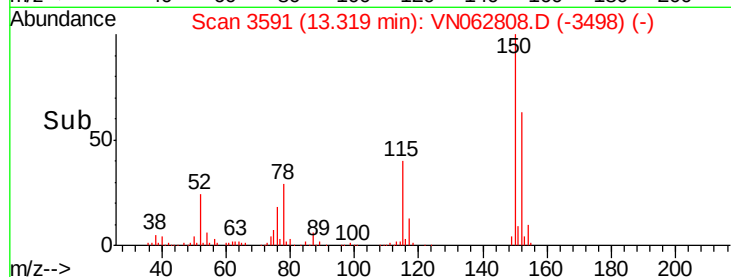
150 156.4 0.0 349.2



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: 25.297 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062808.D

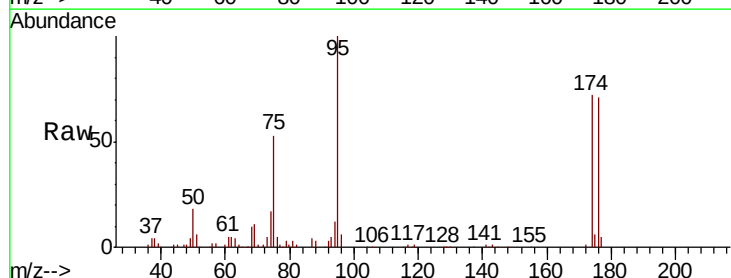
Acq: 10 Aug 2020 14:56

Tgt Ion: 75 Resp: 65554

Ion Ratio Lower Upper

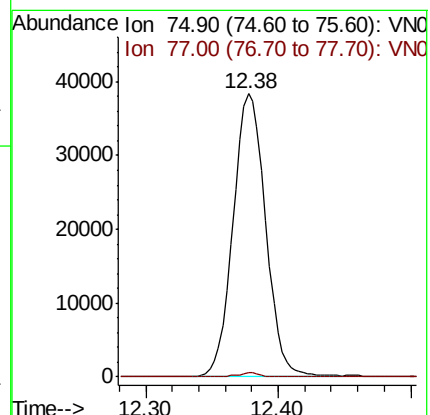
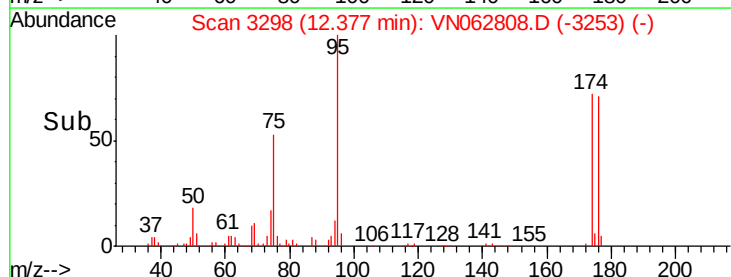
75 100

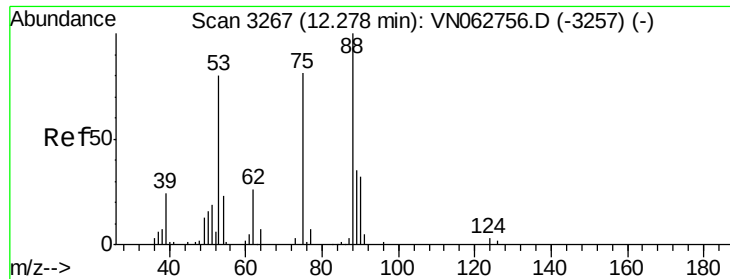
77 0.8 0.0 0.0#



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: 77.224 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062808.D

Acq: 10 Aug 2020 14:56

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB179-GW-458-460

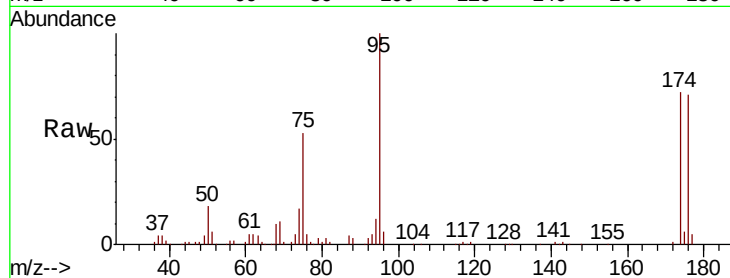
Tot Ion: 75 Resp: 65554

Ion Ratio Lower Upper

75 100

53 0.0 79.1 118.7#

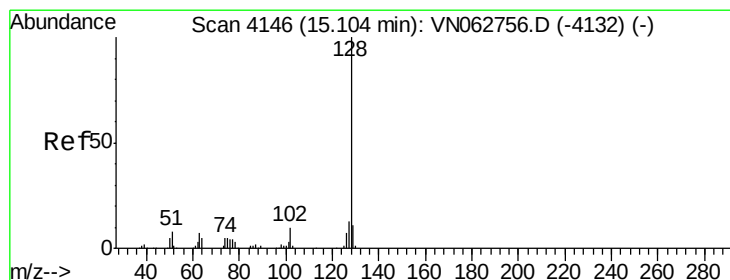
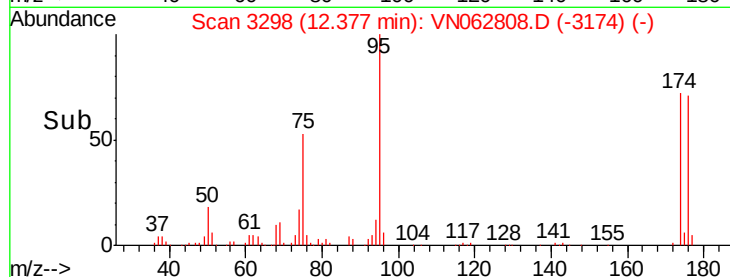
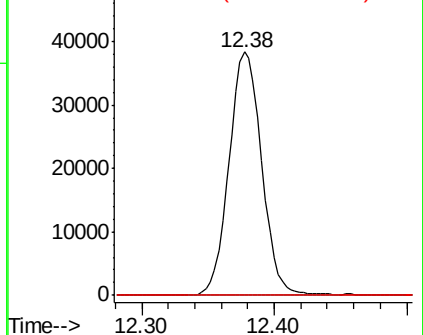
89 0.0 36.2 54.2#



Abundance Ion 74.90 (74.60 to 75.60): VN062808.D (-3174) (-)

Ion 53.00 (52.70 to 53.70): VN062808.D (-3174) (-)

Ion 88.90 (88.60 to 89.60): VN062808.D (-3174) (-)



#95

Naphthalene

Concen: 3.751 ug/l

RT: 15.12 min Scan# 4150

Delta R.T. 0.01 min

Lab File: VN062808.D

Acq: 10 Aug 2020 14:56

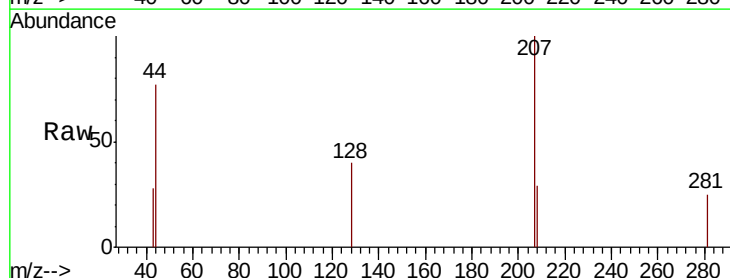
Tgt Ion: 128 Resp: 204

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): VN062808.D (-4053) (-)

Ion 127.00 (126.70 to 127.70): VN062808.D (-4053) (-)

Ion 129.00 (128.70 to 129.70): VN062808.D (-4053) (-)

