

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081020\
 Data File : VN062812.D
 Acq On : 10 Aug 2020 16:34
 Operator : JC/MD
 Sample : L3618-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-GW-538-540

Quant Time: Aug 11 06:55:39 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	136446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	236126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	237022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	88077	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	110450	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	
35) Dibromofluoromethane	7.55	113	79803	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
50) Toluene-d8	10.06	98	306947	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	
62) 4-Bromofluorobenzene	12.38	95	115014	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	

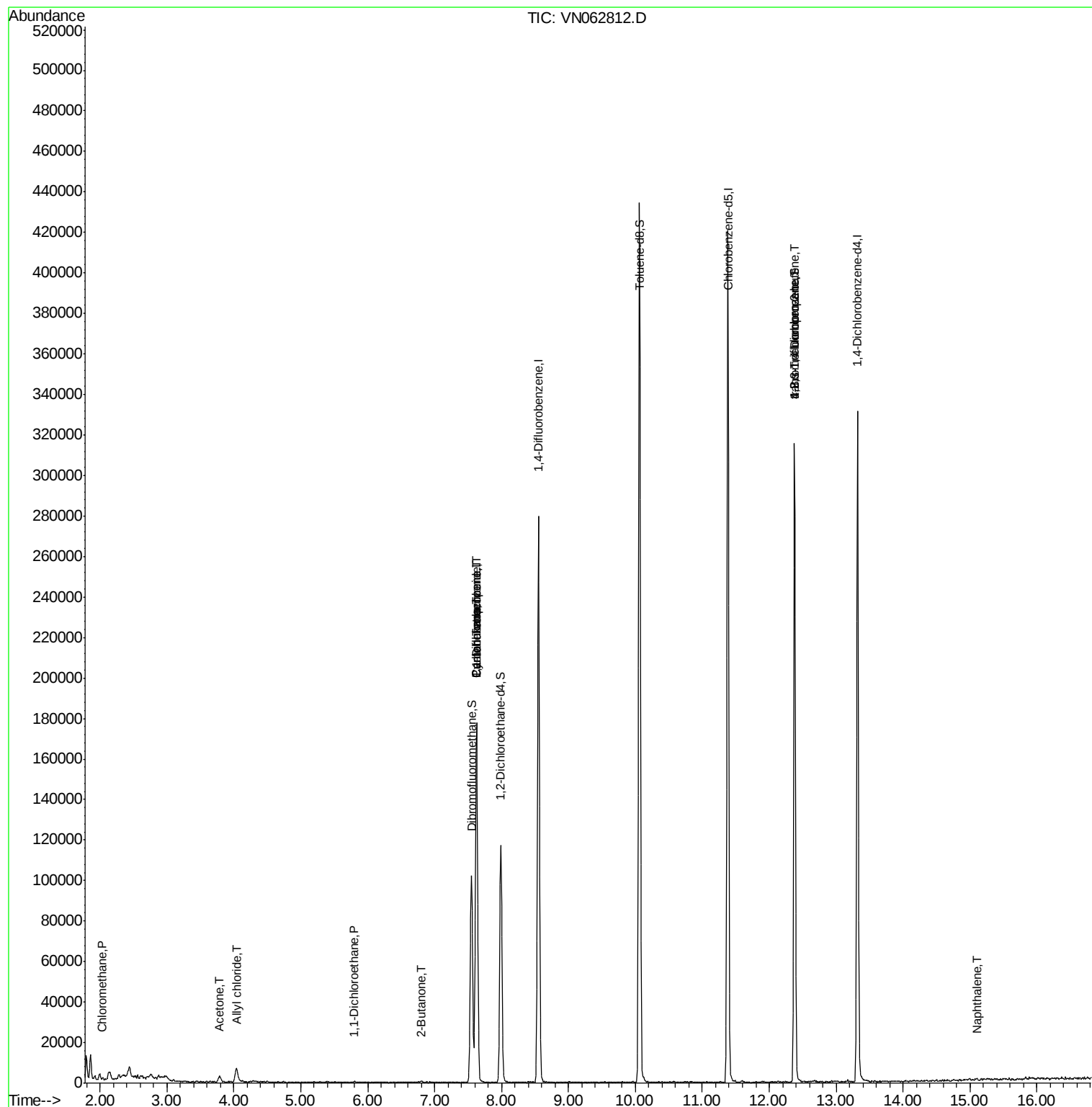
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	907	0.492	ug/l #	46
14) Allyl chloride	4.05	41	860	0.360	ug/l #	61
16) Acetone	3.79	43	5299	6.499	ug/l	98
17) Carbon Disulfide	4.00	76	269	Below Cal	#	74
18) Methyl Acetate	4.29	43	995	Below Cal	#	52
24) 1,1-Dichloroethane	5.80	63	780	0.262	ug/l #	84
25) 2-Butanone	6.80	43	359	0.311	ug/l #	49
31) Cyclohexane	7.62	56	3186	1.165	ug/l #	12
36) 1,1-Dichloropropene	7.62	75	11565	5.030	ug/l #	53
38) Carbon Tetrachloride	7.63	117	14798	5.442	ug/l #	16
76) 1,2,3-Trichloropropane	12.38	75	61565	25.918	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	61565	79.122	ug/l #	10
95) Naphthalene	15.10	128	30	3.715	ug/l #	68

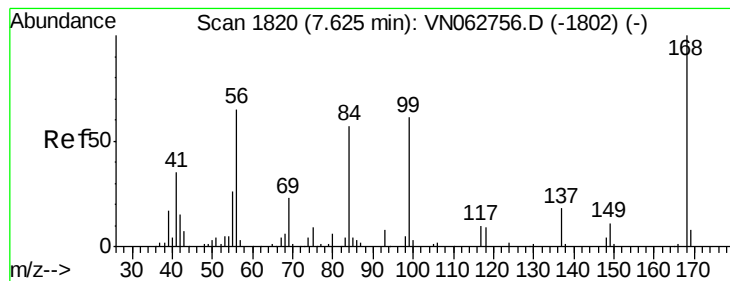
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081020\
Data File : VN062812.D
Acq On : 10 Aug 2020 16:34
Operator : JC/MD
Sample : L3618-09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-GW-538-540

Quant Time: Aug 11 06:55:39 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: VN062812.D

Acq: 10 Aug 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

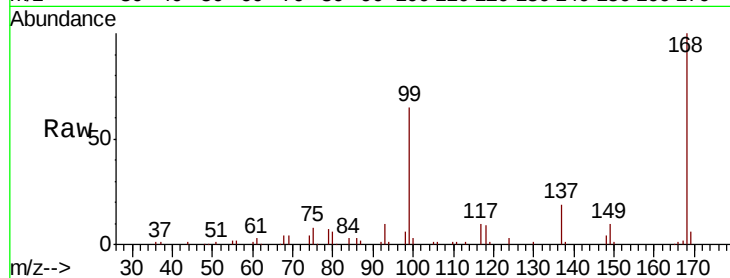
BP-VPB179-GW-538-540

Tot Ion:168 Resp: 136446

Ion Ratio Lower Upper

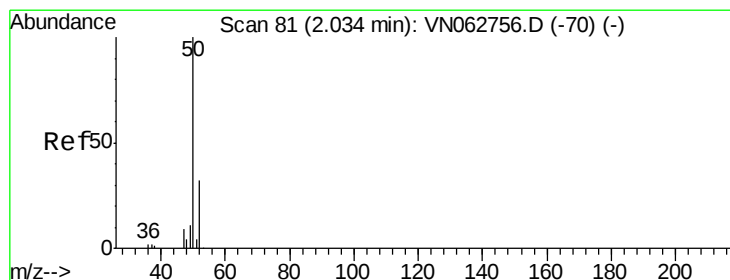
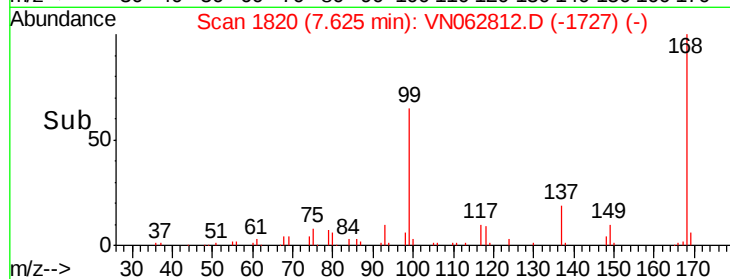
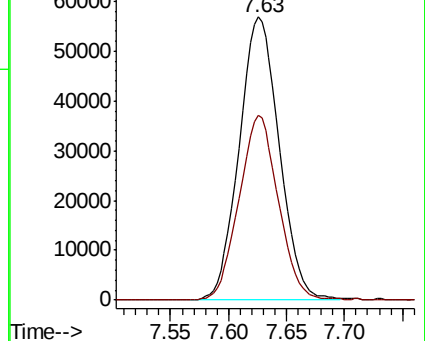
168 100

99 65.4 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: 0.492 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062812.D

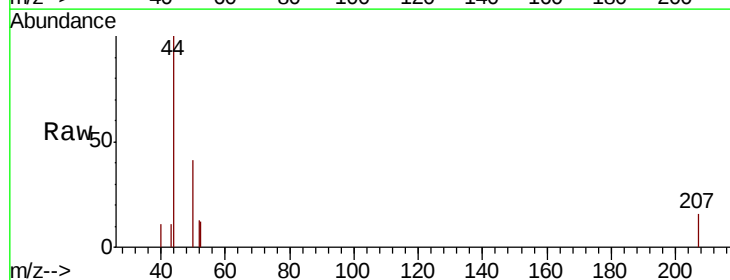
Acq: 10 Aug 2020 16:34

Tgt Ion: 50 Resp: 907

Ion Ratio Lower Upper

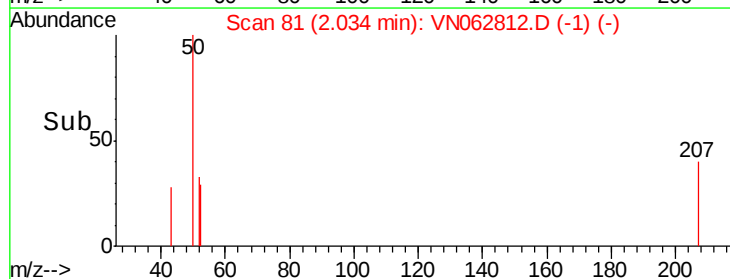
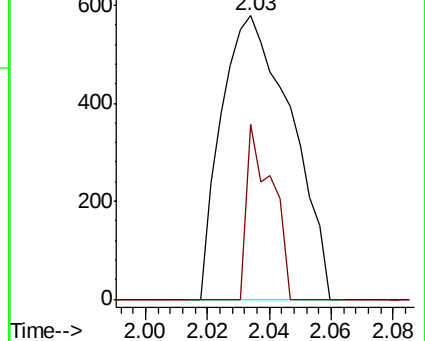
50 100

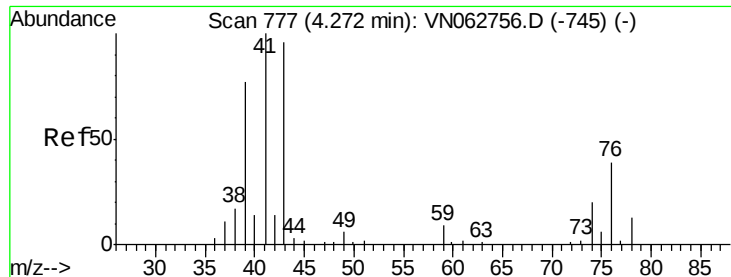
52 61.9 25.6 38.4#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

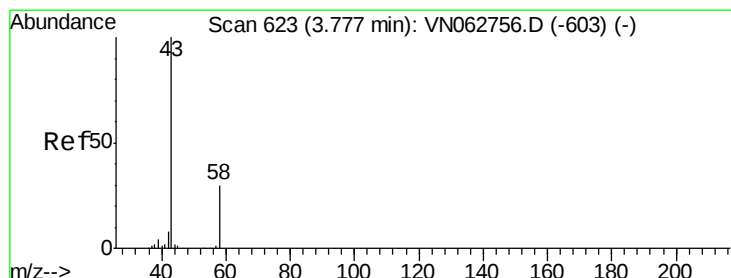
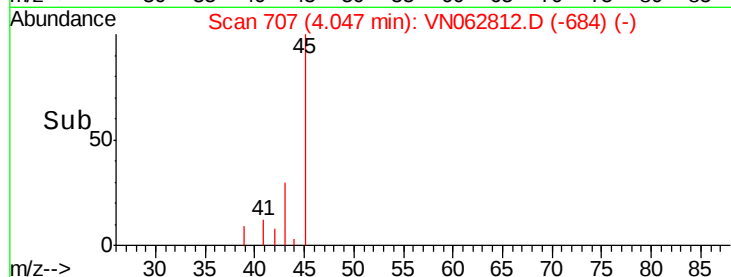
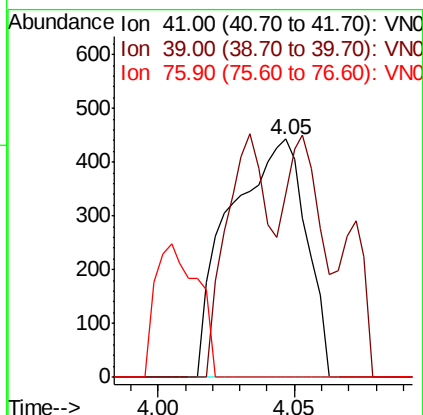
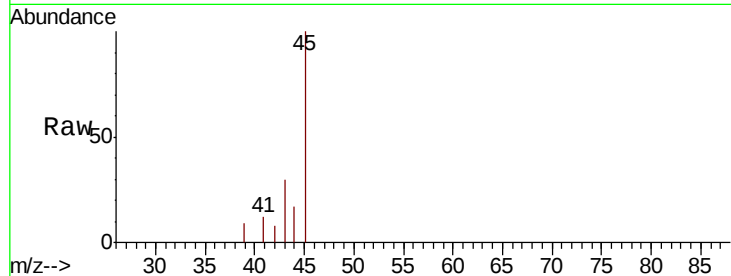




#14
Allvl chloride
Concen: 0.360 ug/l
RT: 4.05 min Scan# 707
Delta R.T. -0.23 min
Lab File: VN062812.D
Acq: 10 Aug 2020 16:34

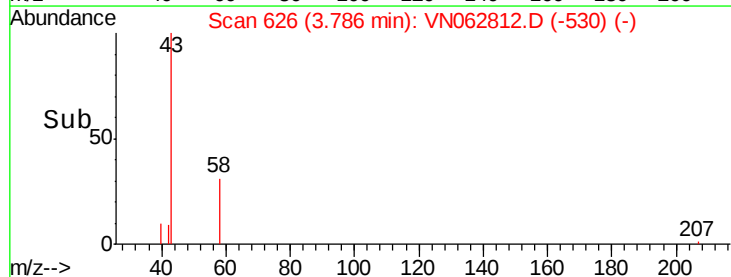
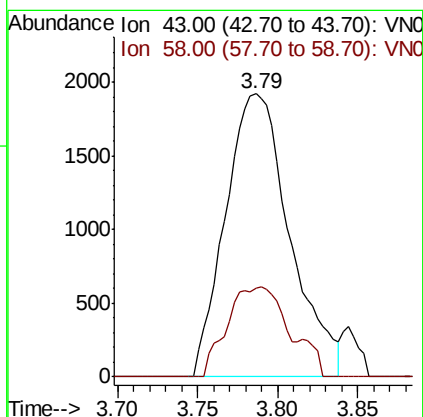
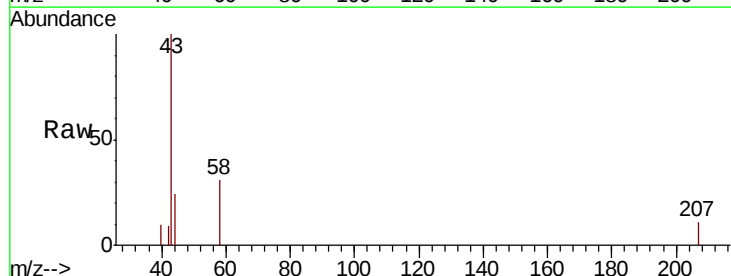
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-GW-538-540

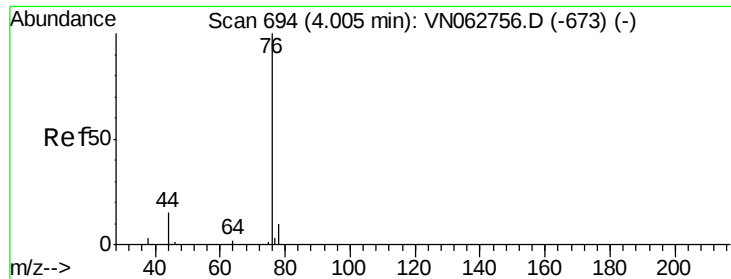
Tot Ion: 41 Resp: 860
Ion Ratio Lower Upper
41 100
39 46.5 55.7 83.5#
76 0.0 27.5 41.3#



#16
Acetone
Concen: 6.499 ug/l
RT: 3.79 min Scan# 626
Delta R.T. 0.01 min
Lab File: VN062812.D
Acq: 10 Aug 2020 16:34

Tgt Ion: 43 Resp: 5299
Ion Ratio Lower Upper
43 100
58 31.3 24.1 36.1





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062812.D

Acq: 10 Aug 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

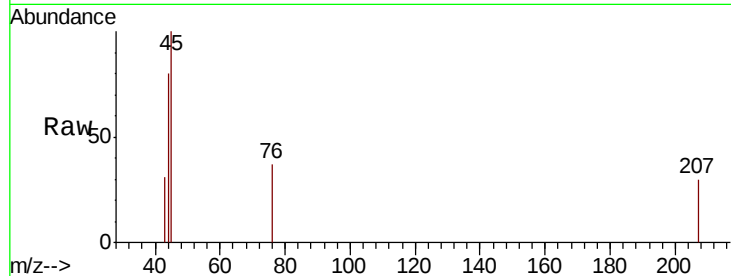
BP-VPB179-GW-538-540

Tot Ion: 76 Resp: 269

Ion Ratio Lower Upper

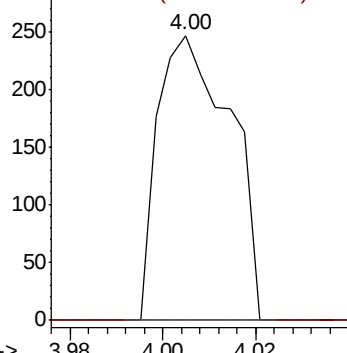
76 100

78 0.0 7.7 11.5#

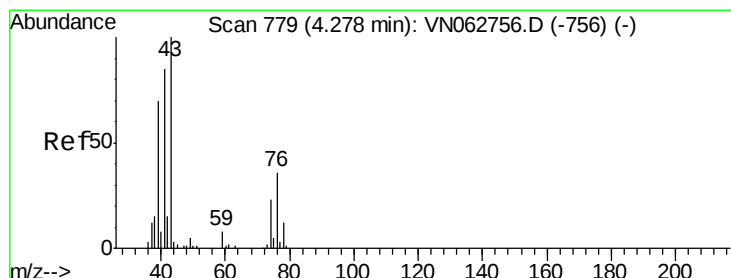
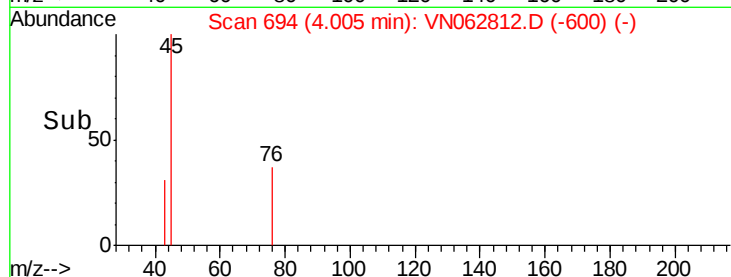


Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 4.29 min Scan# 782

Delta R.T. 0.01 min

Lab File: VN062812.D

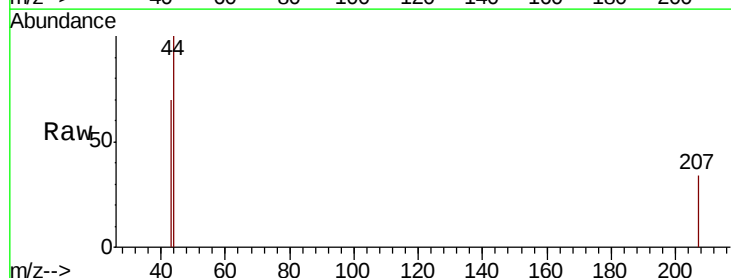
Acq: 10 Aug 2020 16:34

Tgt Ion: 43 Resp: 995

Ion Ratio Lower Upper

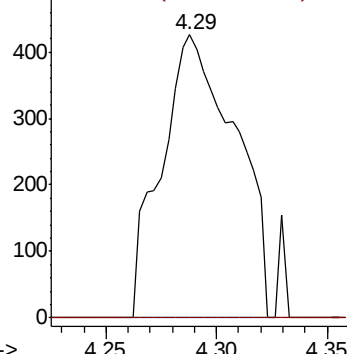
43 100

74 0.0 18.6 28.0#

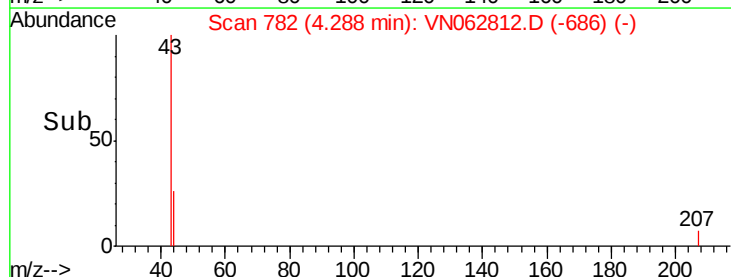


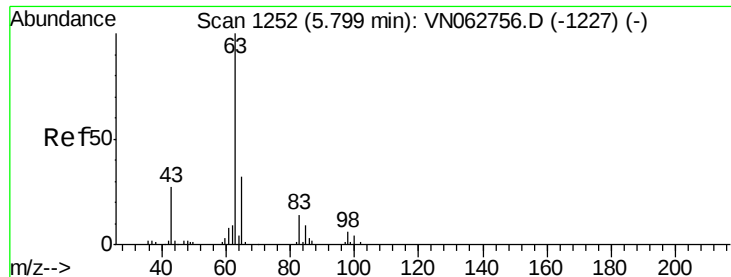
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



Time-->





#24

1,1-Dichloroethane

Concen: 0.262 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062812.D

Acq: 10 Aug 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB179-GW-538-540

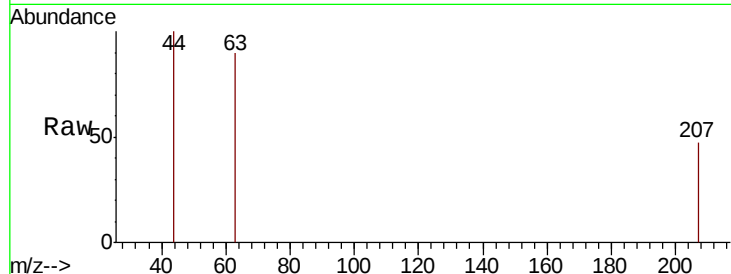
Tot Ion: 63 Resp: 780

Ion Ratio Lower Upper

63 100

98 0.0 3.0 9.2#

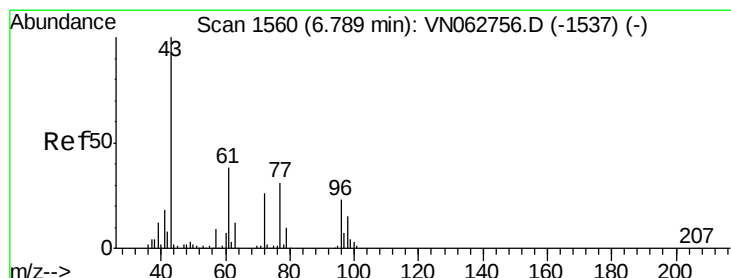
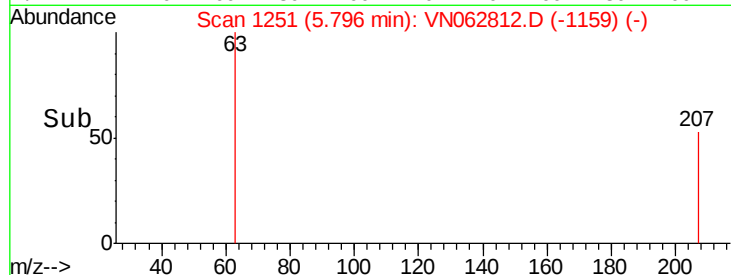
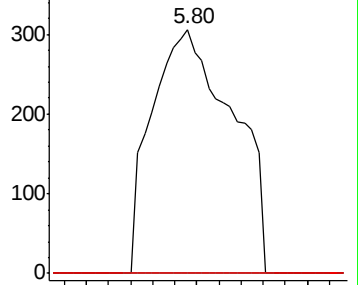
100 0.0 1.9 5.7#



Abundance Ion 62.90 (62.60 to 63.60): VN062812.D (-1159) (-)

Ion 97.90 (97.60 to 98.60): VN062812.D (-1159) (-)

Ion 99.90 (99.60 to 100.60): VN062812.D (-1159) (-)



#25

2-Butanone

Concen: 0.311 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.01 min

Lab File: VN062812.D

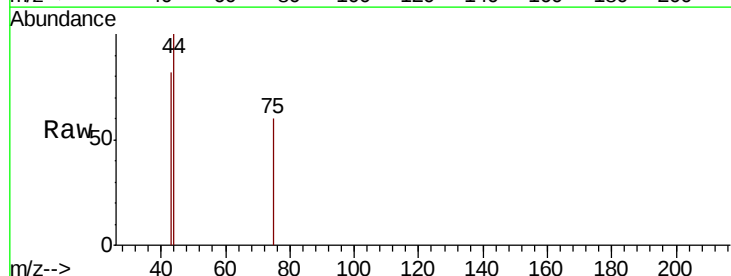
Acq: 10 Aug 2020 16:34

Tgt Ion: 43 Resp: 359

Ion Ratio Lower Upper

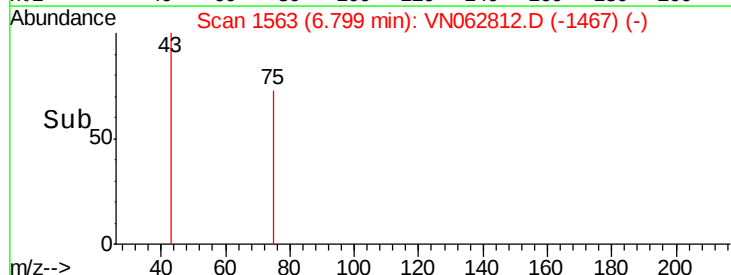
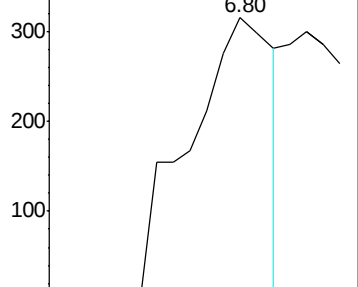
43 100

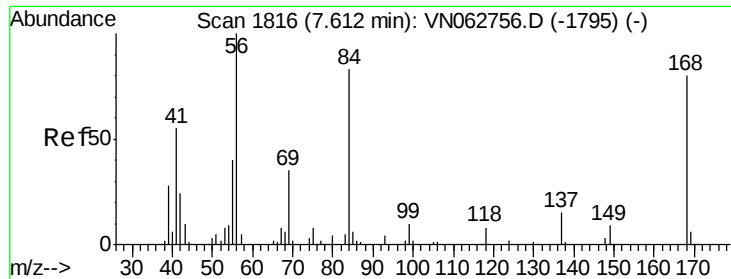
72 0.0 21.1 31.7#



Abundance Ion 43.00 (42.70 to 43.70): VN062812.D (-1467) (-)

Ion 72.00 (71.70 to 72.70): VN062812.D (-1467) (-)

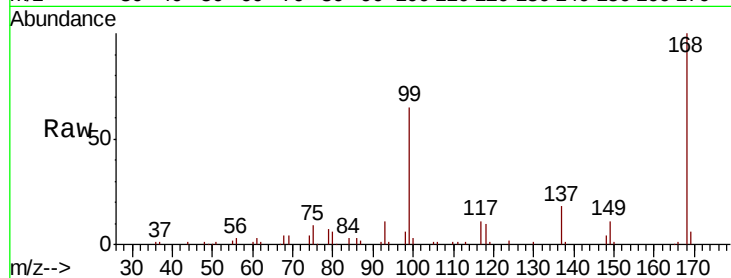




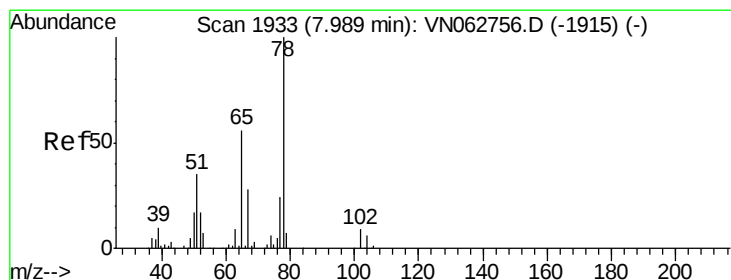
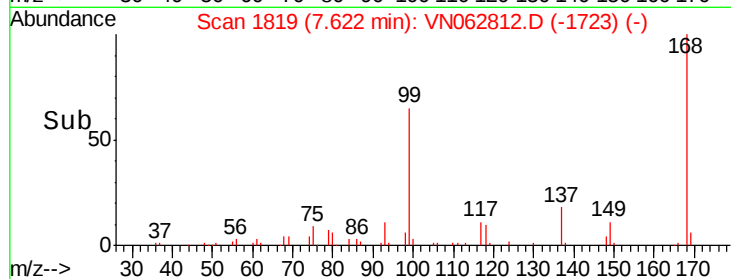
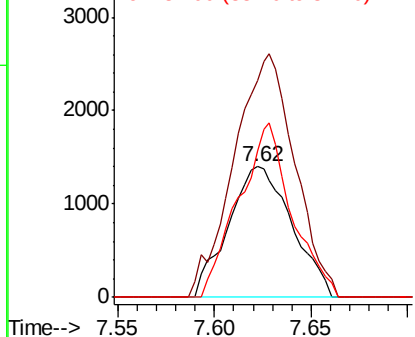
#31
Cyclohexane
Concen: 1.165 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN062812.D
Acq: 10 Aug 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-GW-538-540

Tot Ion: 56 Resp: 3186
Ion Ratio Lower Upper
56 100
69 165.5 28.1 42.1#
84 111.7 66.8 100.2#

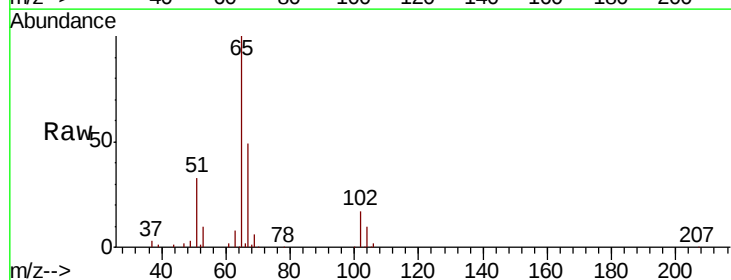


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

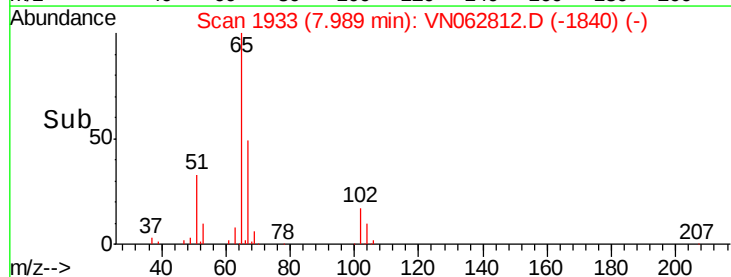
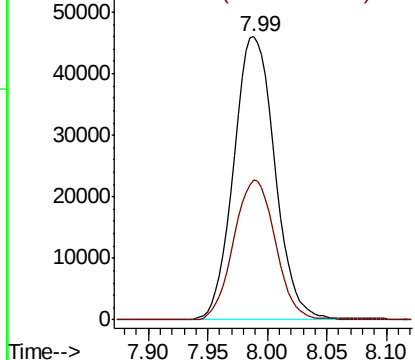


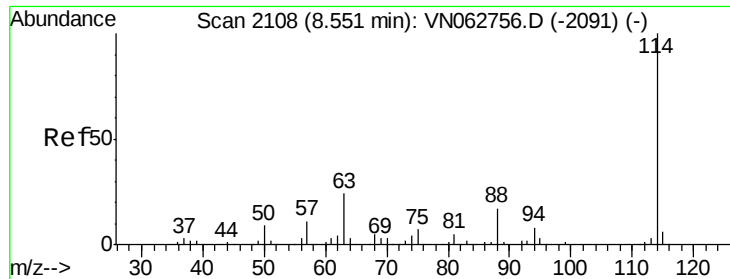
#33
1,2-Dichloroethane-d4
Concen: 48.950 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062812.D
Acq: 10 Aug 2020 16:34

Tgt Ion: 65 Resp: 110450
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.4



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

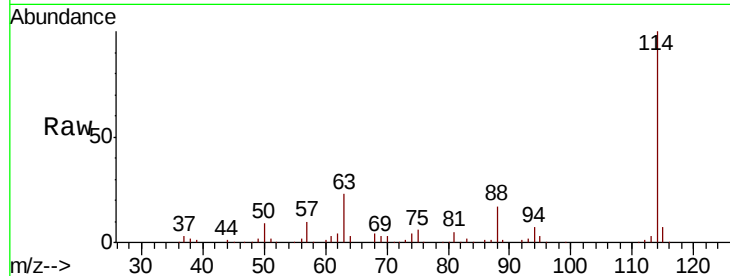




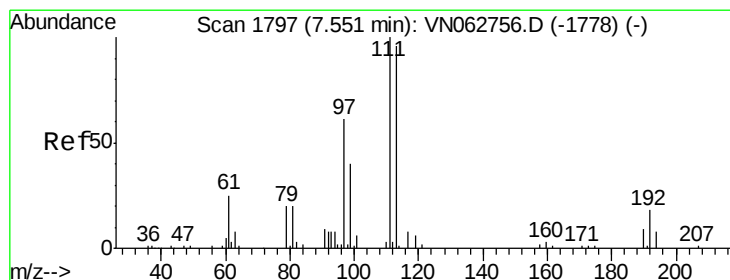
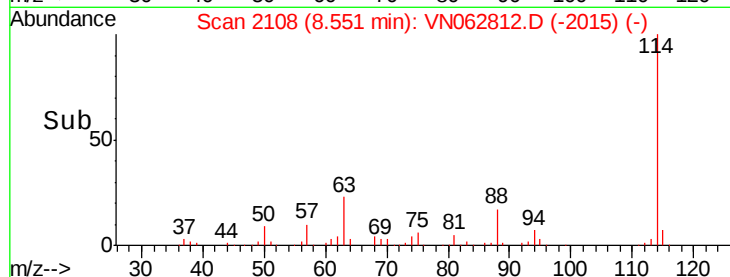
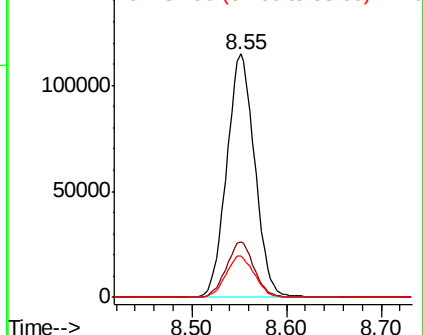
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062812.D
 Acq: 10 Aug 2020 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-GW-538-540

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	47.6
88	16.8	0.0	34.4

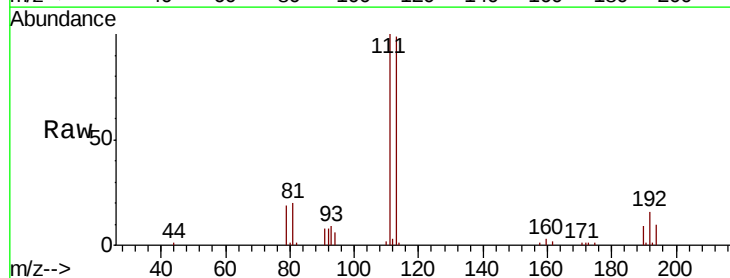


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

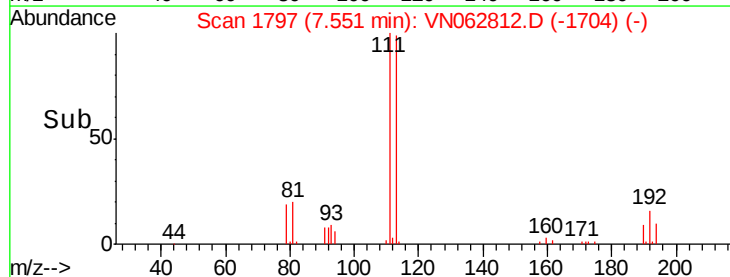
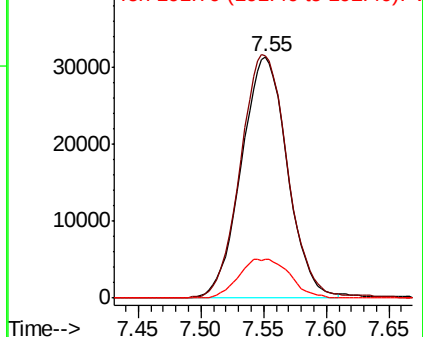


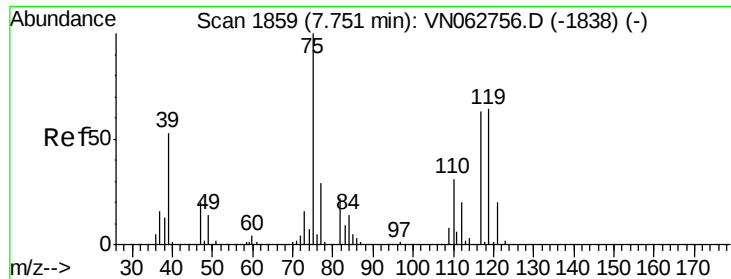
#35
 Dibromofluoromethane
 Concen: 49.406 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062812.D
 Acq: 10 Aug 2020 16:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.6
192	17.9	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

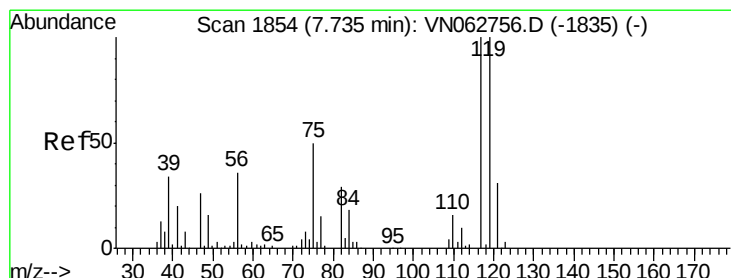
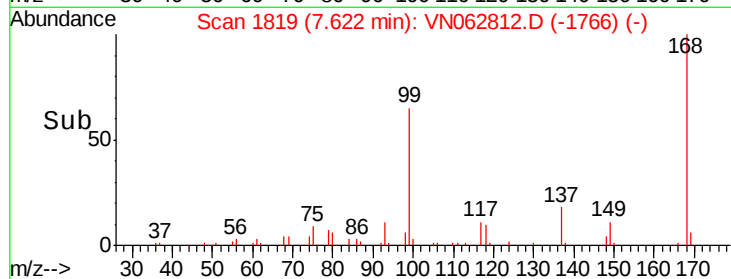
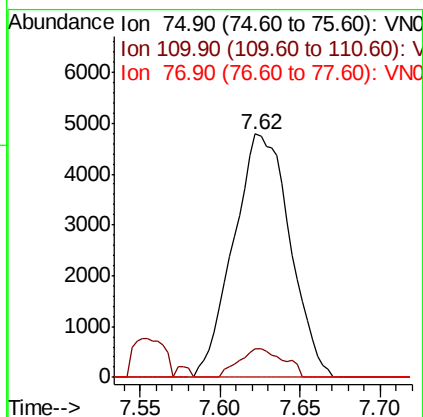
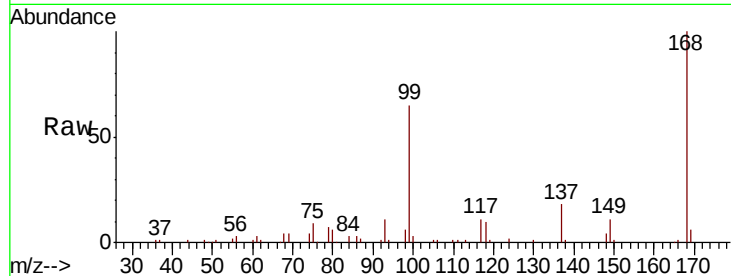




#36
 1,1-Dichloropropene
 Concen: 5.030 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062812.D
 Acq: 10 Aug 2020 16:34

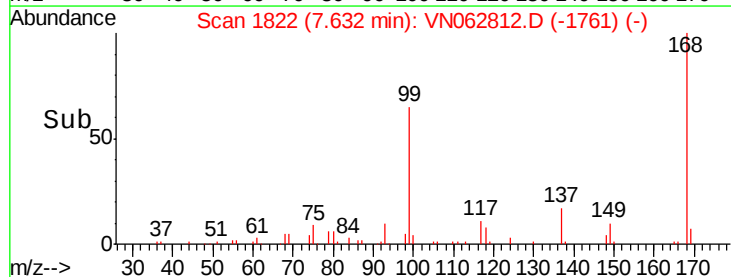
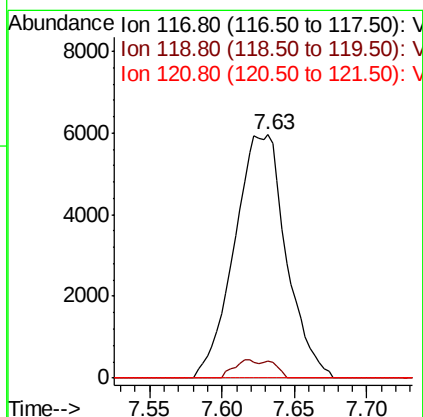
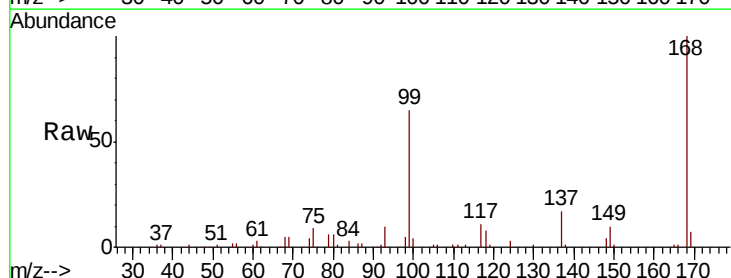
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-GW-538-540

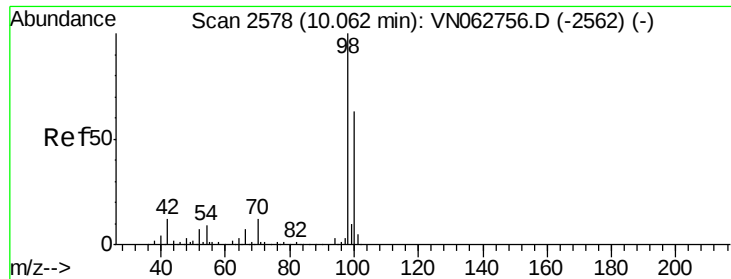
Tot Ion	75	Resp	11565
Ion Ratio	Lower	Upper	
75	100		
110	9.2	15.6	46.7#
77	0.0	24.1	36.1#



#38
 Carbon Tetrachloride
 Concen: 5.442 ug/l
 RT: 7.63 min Scan# 1822
 Delta R.T. -0.10 min
 Lab File: VN062812.D
 Acq: 10 Aug 2020 16:34

Tgt Ion	117	Resp	14798
Ion Ratio	Lower	Upper	
117	100		
119	7.0	79.4	119.2#
121	0.0	24.9	37.3#





#50

Toluene-d8

Concen: 48.675 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062812.D

Acq: 10 Aug 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

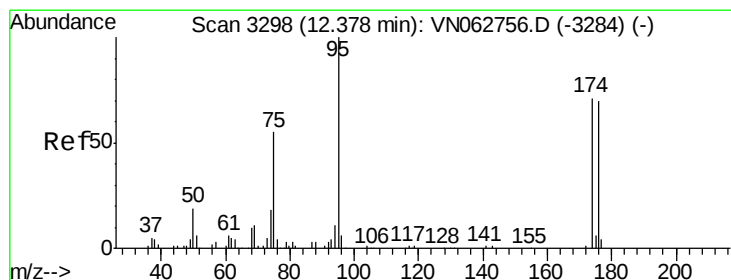
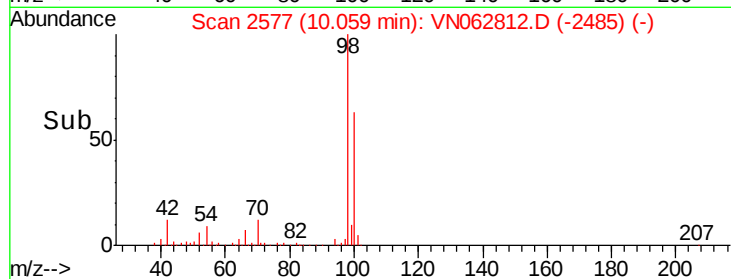
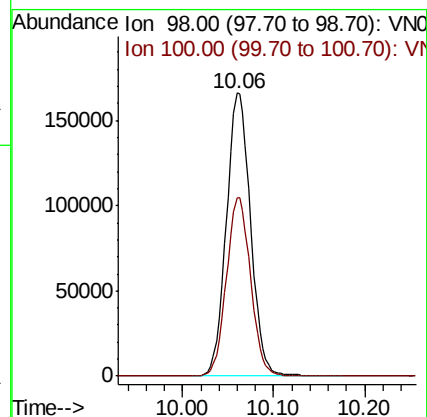
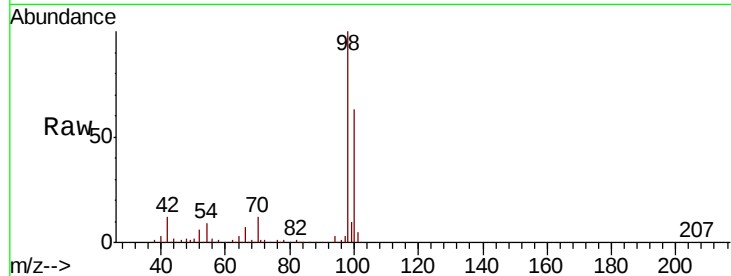
BP-VPB179-GW-538-540

Tot Ion: 98 Resp: 306947

Ion Ratio Lower Upper

98 100

100 63.0 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 48.264 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062812.D

Acq: 10 Aug 2020 16:34

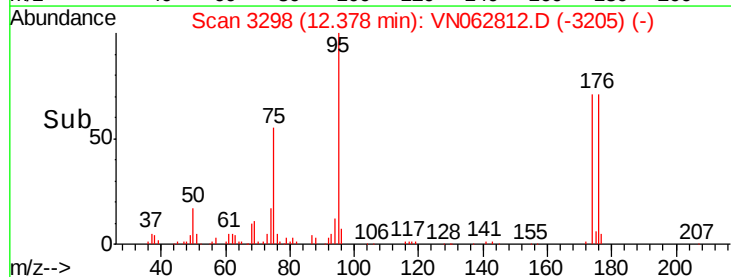
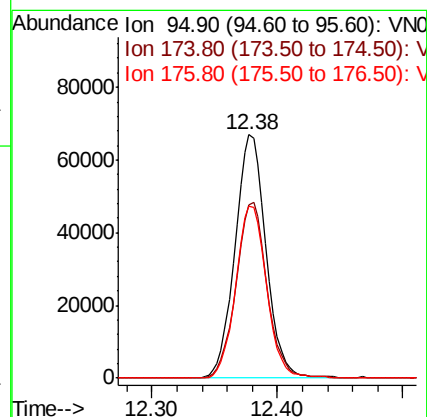
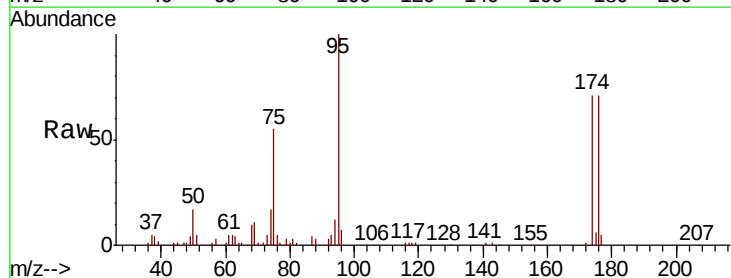
Tgt Ion: 95 Resp: 115014

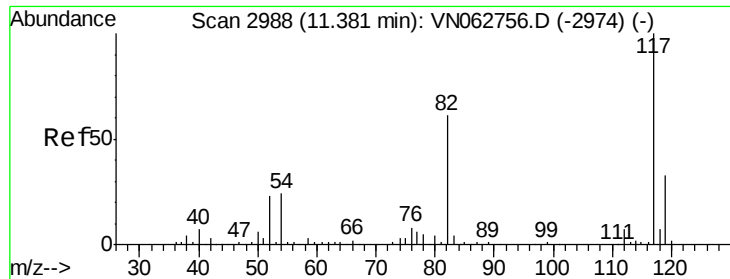
Ion Ratio Lower Upper

95 100

174 72.3 0.0 144.8

176 70.1 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: VN062812.D

Acq: 10 Aug 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB179-GW-538-540

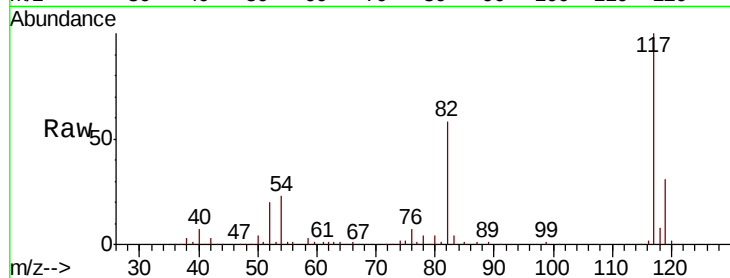
Tot Ion:117 Resp: 237022

Ion Ratio Lower Upper

117 100

82 58.3 49.0 73.4

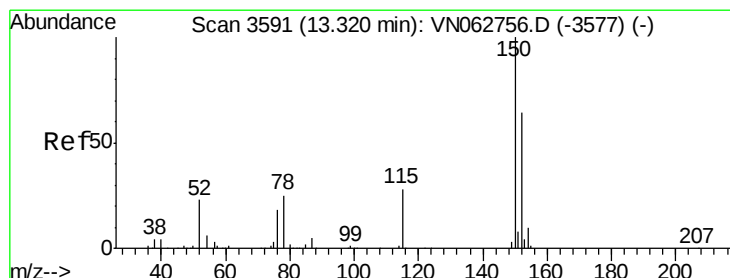
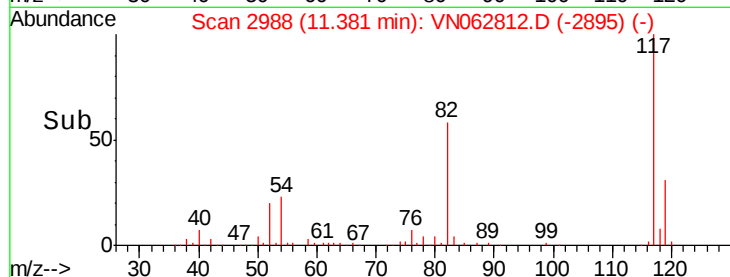
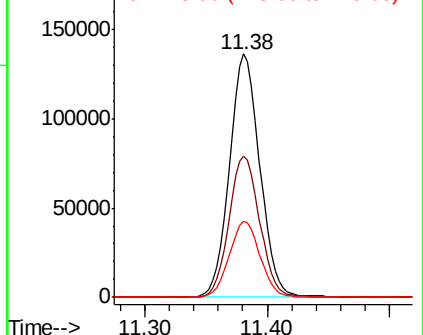
119 31.3 26.2 39.2



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: VN062812.D

Acq: 10 Aug 2020 16:34

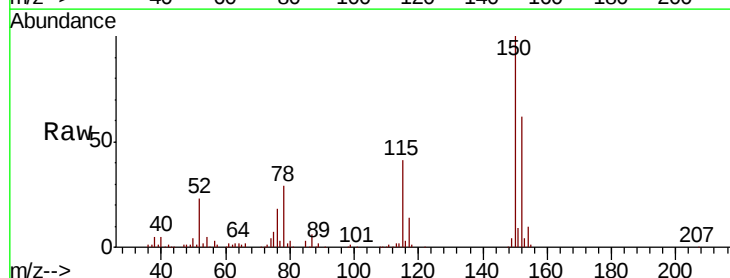
Tgt Ion:152 Resp: 88077

Ion Ratio Lower Upper

152 100

115 65.0 31.6 94.8

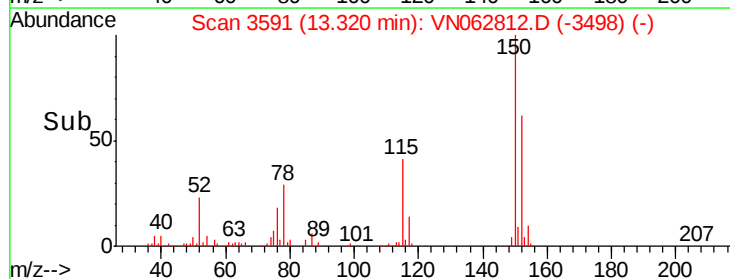
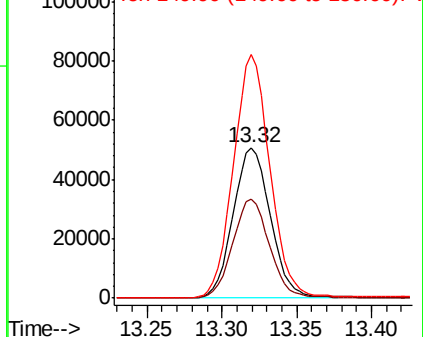
150 159.8 0.0 349.2

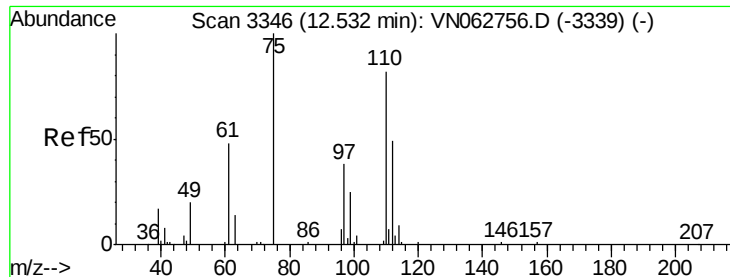


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 25.918 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062812.D

Acq: 10 Aug 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

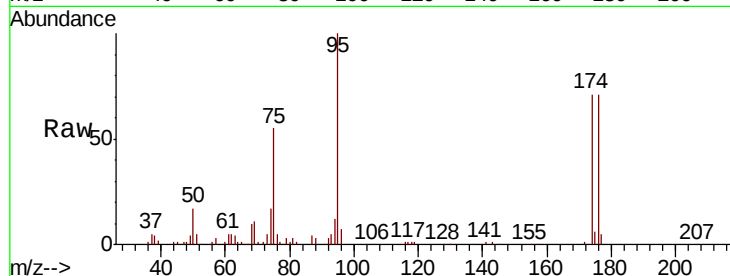
BP-VPB179-GW-538-540

Tot Ion: 75 Resp: 61565

Ion Ratio Lower Upper

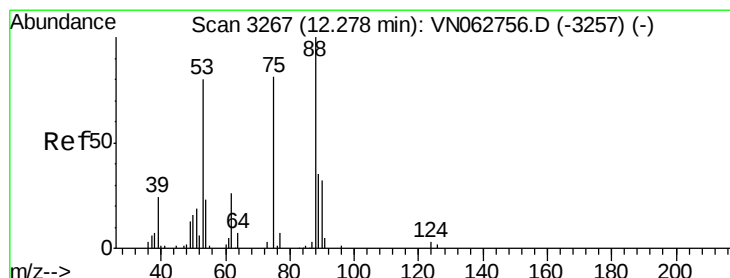
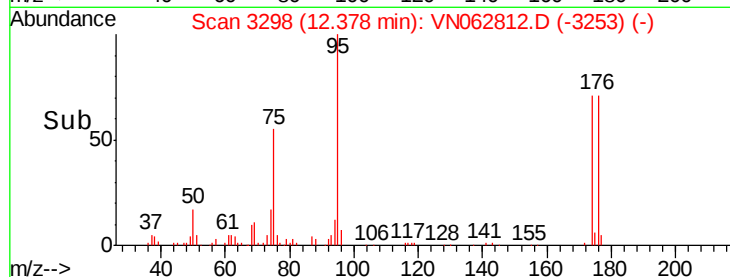
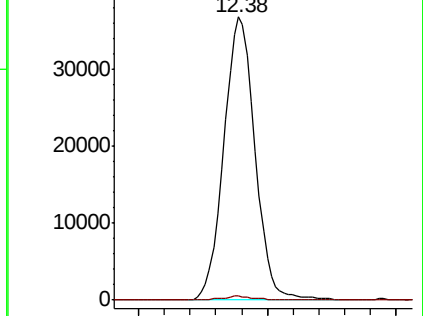
75 100

77 1.2 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: 79.122 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062812.D

Acq: 10 Aug 2020 16:34

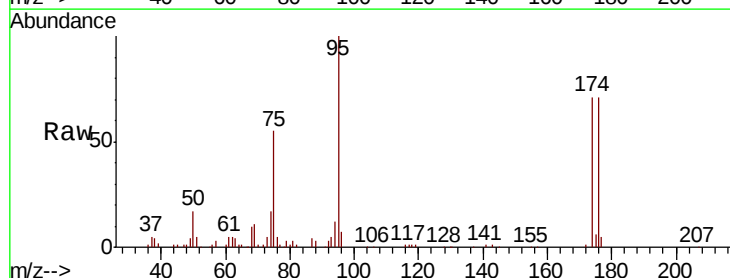
Tgt Ion: 75 Resp: 61565

Ion Ratio Lower Upper

75 100

53 0.0 79.1 118.7#

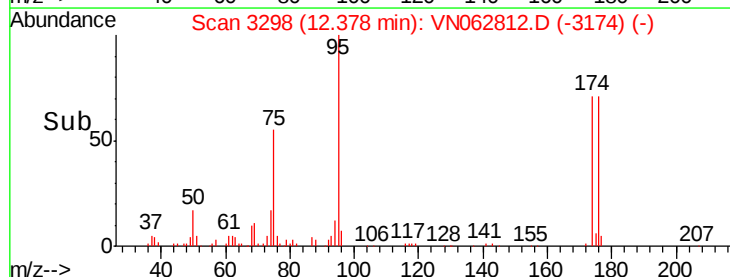
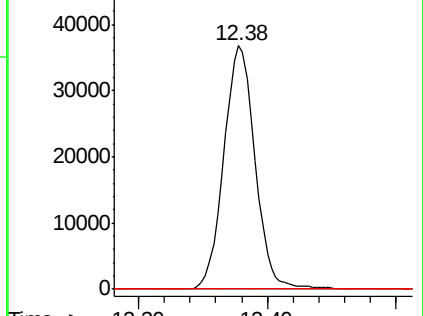
89 0.0 36.2 54.2#

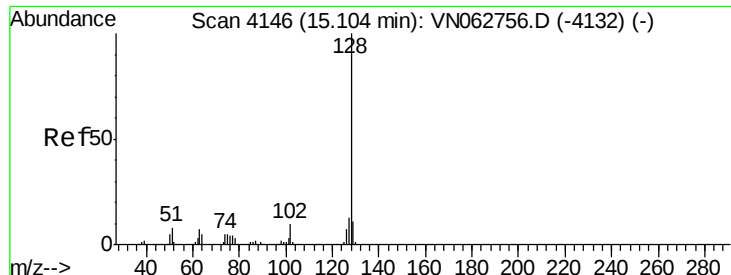


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

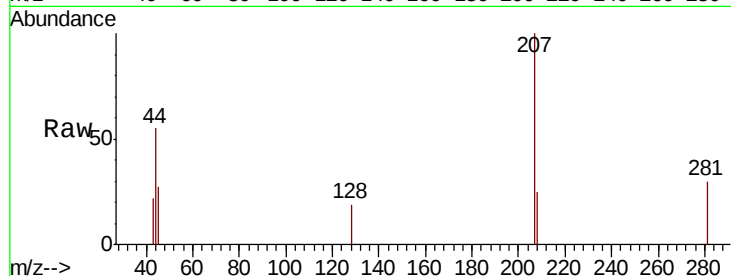




#95
Naphthalene
Concen: 3.715 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062812.D
Acq: 10 Aug 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-GW-538-540

Tot 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

