

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111320\
 Data File : VN064628.D
 Acq On : 13 Nov 2020 13:48
 Operator : JC/MD
 Sample : L4747-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-538-540

Quant Time: Nov 17 12:29:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

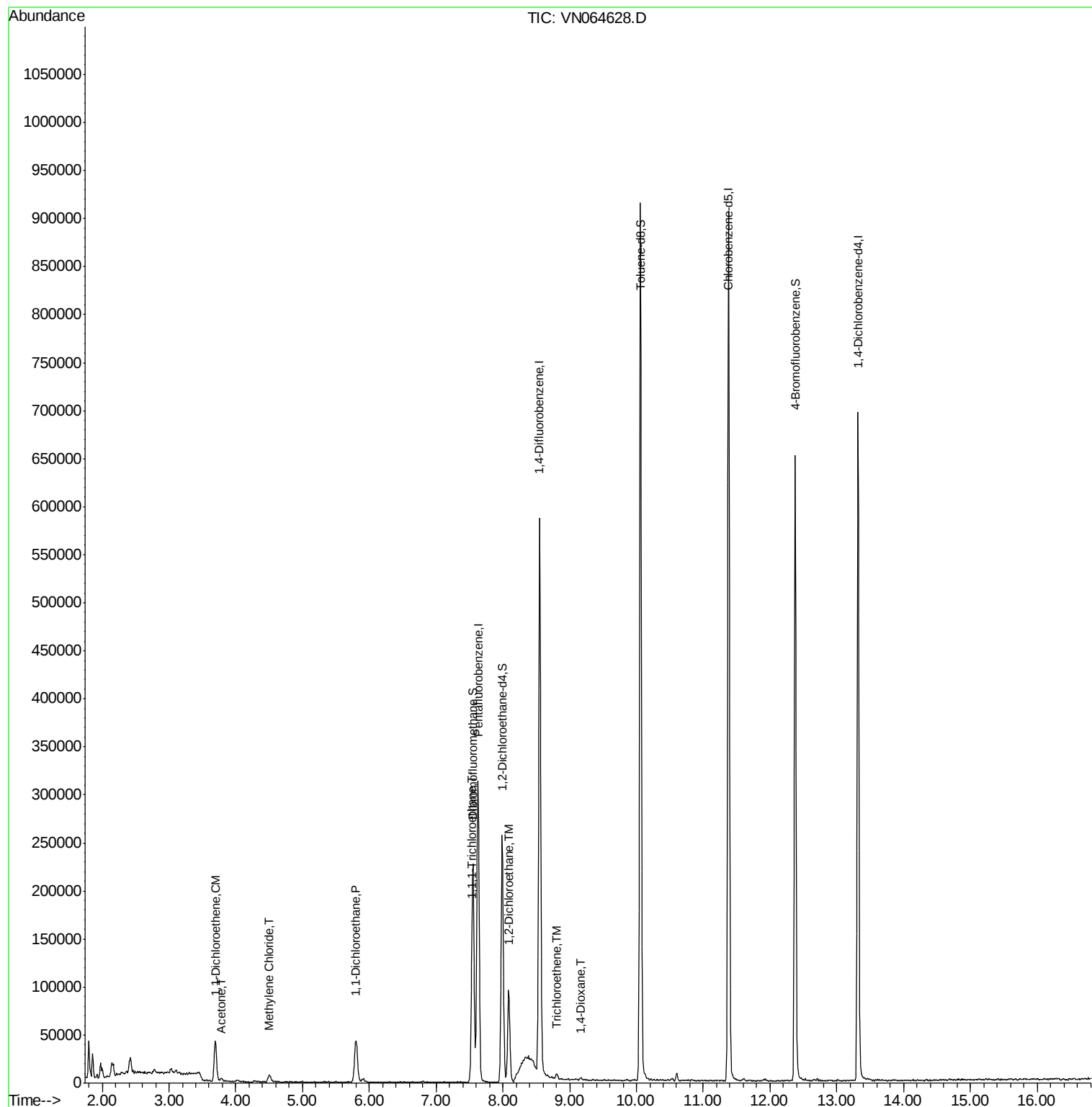
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	224556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	478835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	481163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	228533	58.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.86%	
35) Dibromofluoromethane	7.55	113	167899	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
50) Toluene-d8	10.06	98	602170	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	12.38	95	217871	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	
Target Compounds						
12) 1,1-Dichloroethene	3.70	96	19778	8.235	ug/l	90
16) Acetone	3.78	43	5307	3.562	ug/l	96
20) Methylene Chloride	4.51	84	4731	1.600	ug/l	98
24) 1,1-Dichloroethane	5.79	63	65658	11.981	ug/l	99
32) 1,1,1-Trichloroethane	7.52	97	10770	2.108	ug/l	98
42) 1,2-Dichloroethane	8.09	62	96684	16.117	ug/l	100
44) Trichloroethene	8.80	130	1608	0.429	ug/l	84
49) 1,4-Dioxane	9.17	88	1741	31.954	ug/l #	70

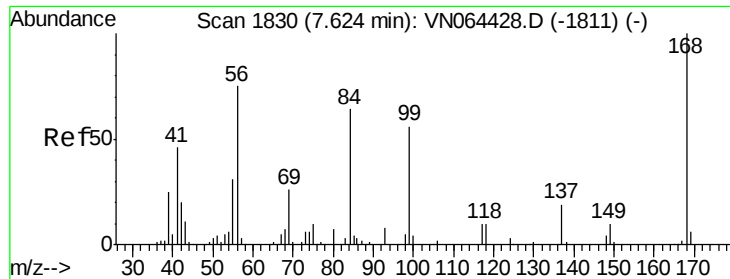
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

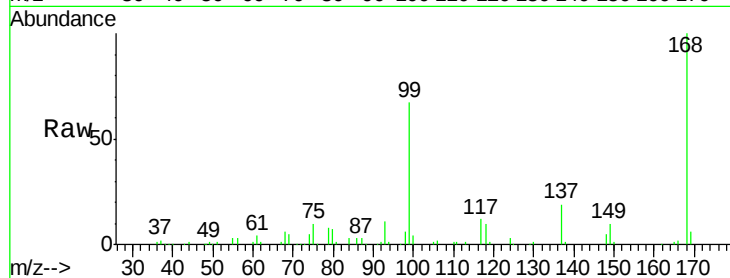
BP-VPB178-GW-538-540

Tot Ion:168 Resp: 224556

Ion Ratio Lower Upper

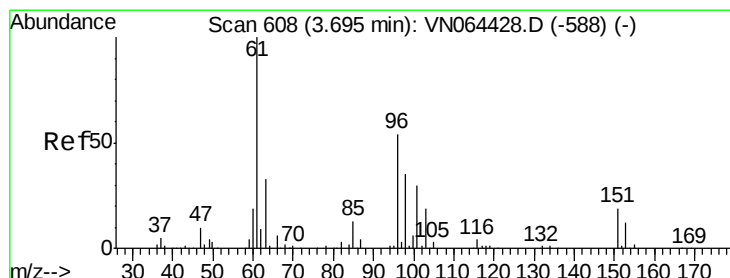
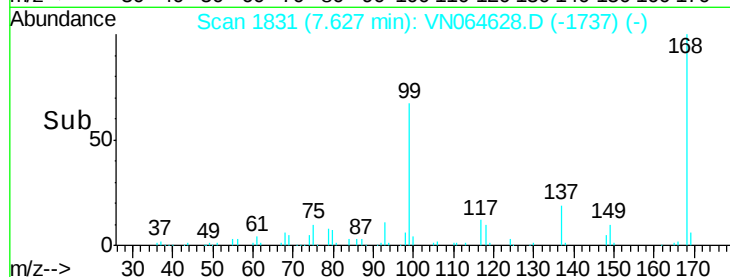
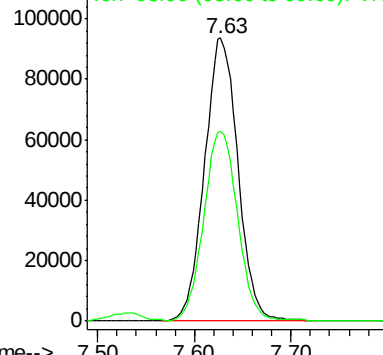
168 100

99 67.0 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#12

1,1-Dichloroethene

Concen: 8.235 ug/l

RT: 3.70 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

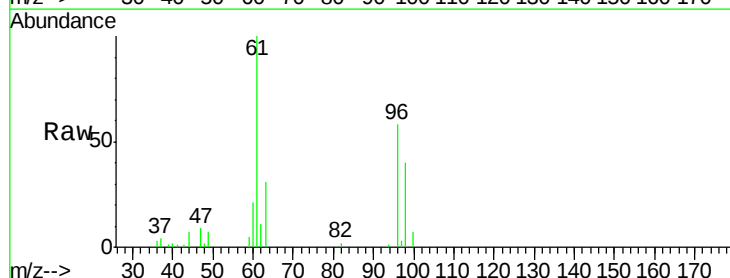
Tgt Ion: 96 Resp: 19778

Ion Ratio Lower Upper

96 100

61 169.9 149.5 224.3

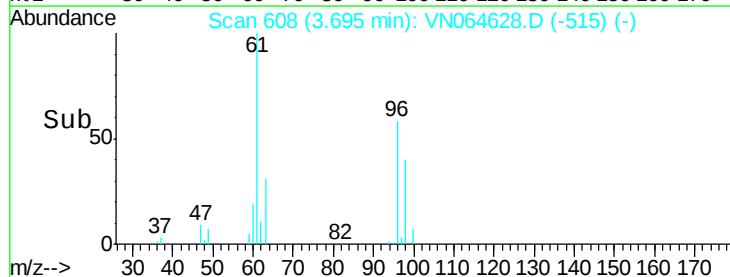
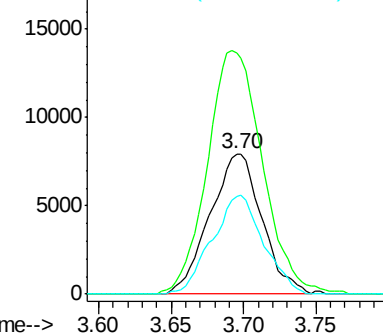
98 69.4 52.4 78.6

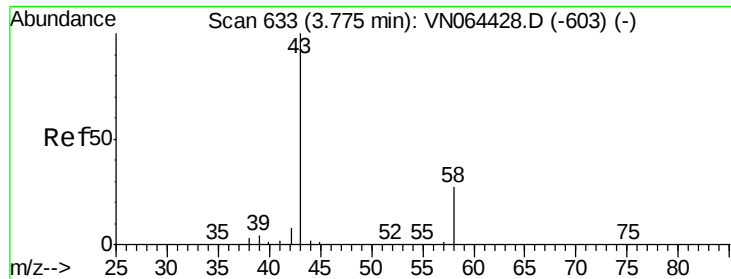


Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

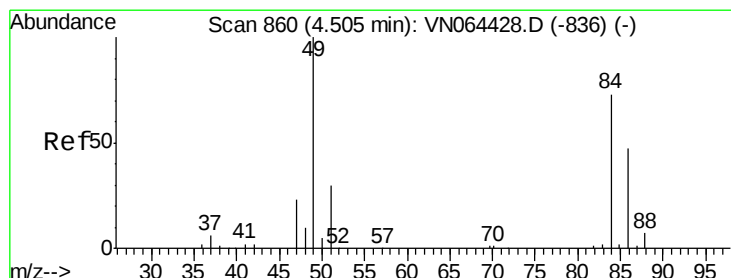
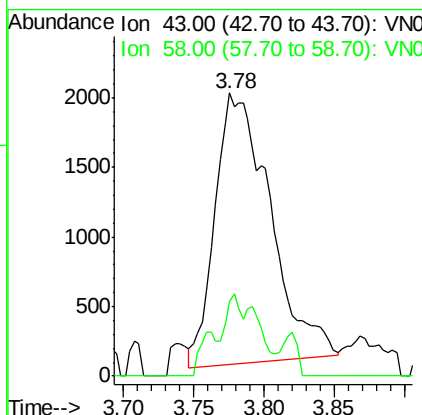
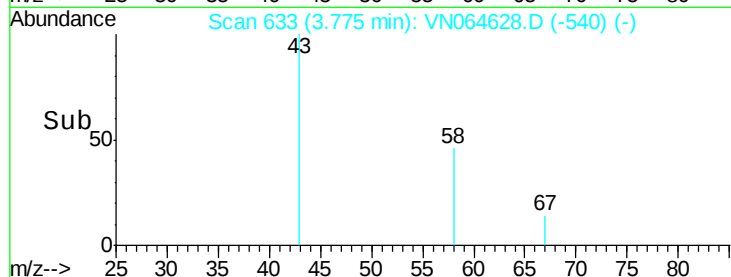
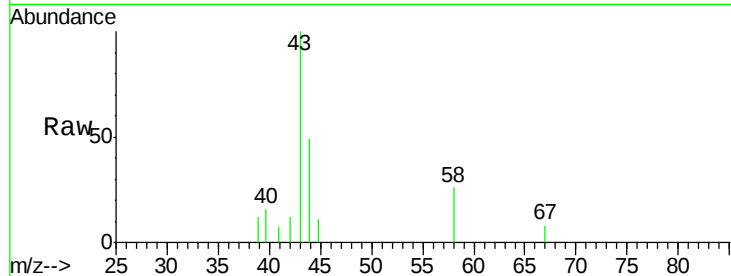




#16
Acetone
Concen: 3.562 ug/l
RT: 3.78 min Scan# 633
Delta R.T. -0.00 min
Lab File: VN064628.D
Acq: 13 Nov 2020 13:48

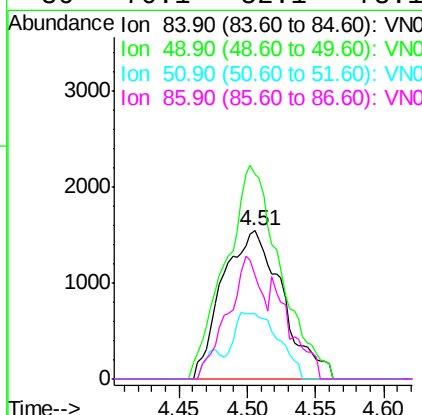
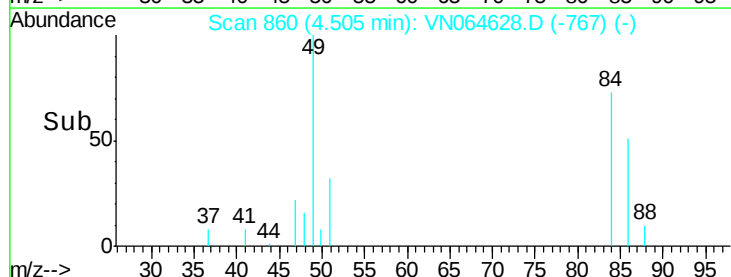
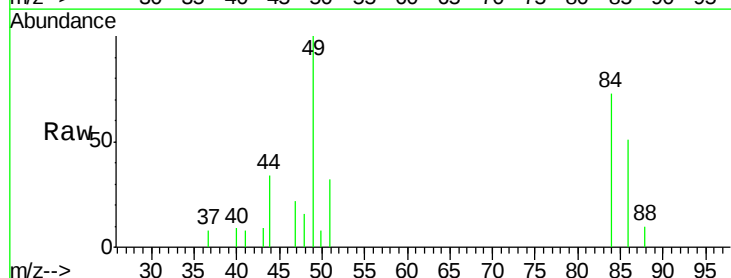
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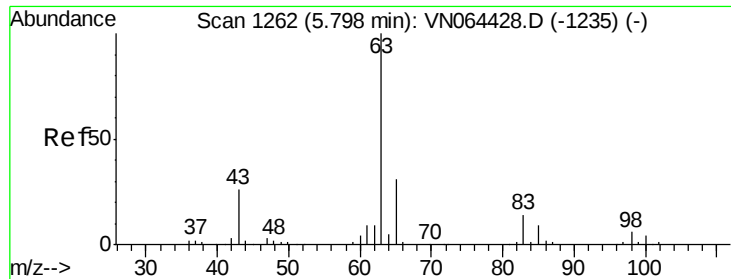
Tot Ion: 43 Resp: 5307
Ion Ratio Lower Upper
43 100
58 28.7 21.4 32.0



#20
Methylene Chloride
Concen: 1.600 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN064628.D
Acq: 13 Nov 2020 13:48

Tgt Ion: 84 Resp: 4731
Ion Ratio Lower Upper
84 100
49 137.8 110.1 165.1
51 44.3 33.6 50.4
86 70.1 52.1 78.1





#24

1,1-Dichloroethane

Concen: 11.981 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-538-540

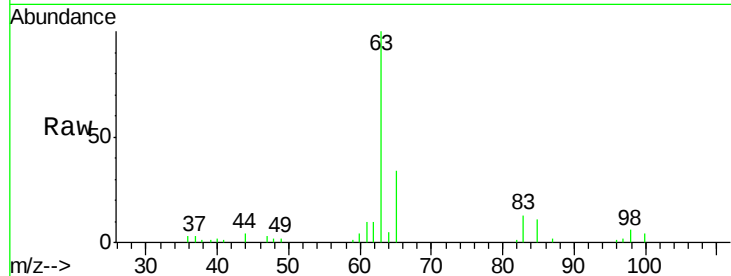
Tot Ion: 63 Resp: 65658

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

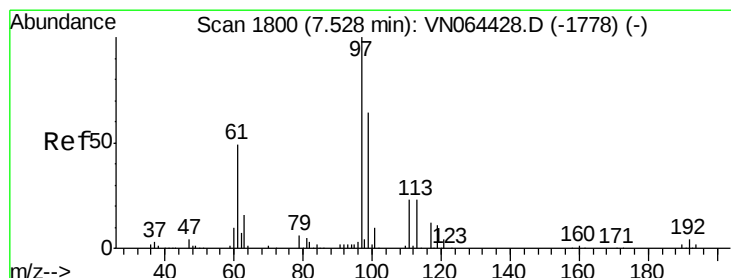
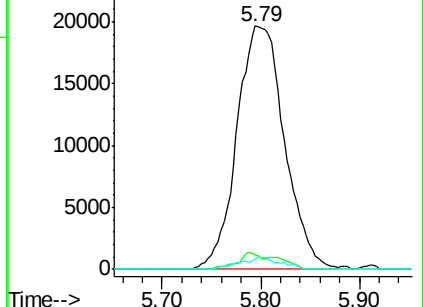
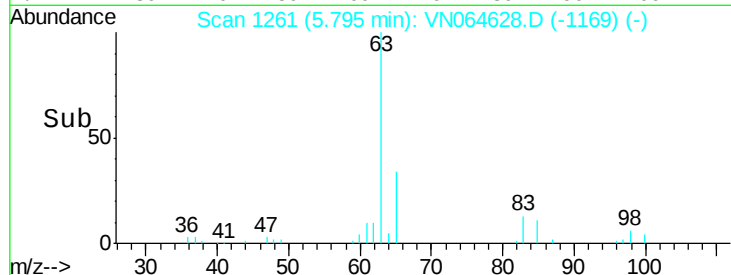
100 4.4 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN064428.D (-1235) (-)

Ion 97.90 (97.60 to 98.60): VN064428.D (-1235) (-)

Ion 99.90 (99.60 to 100.60): VN064428.D (-1235) (-)



#32

1,1,1-Trichloroethane

Concen: 2.108 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

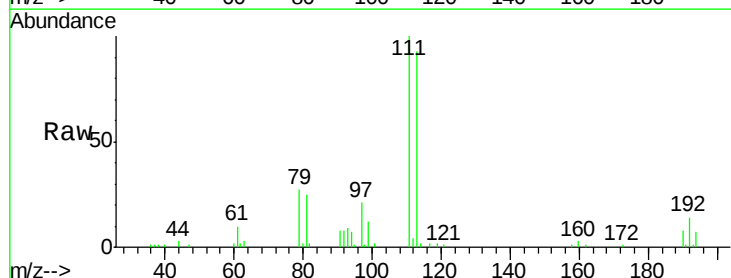
Tgt Ion: 97 Resp: 10770

Ion Ratio Lower Upper

97 100

99 65.5 51.3 76.9

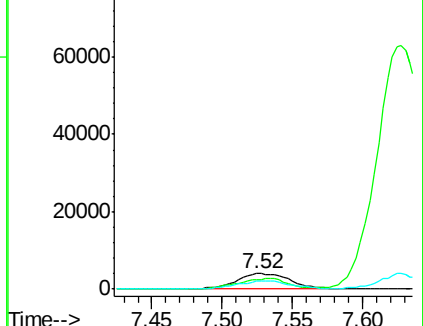
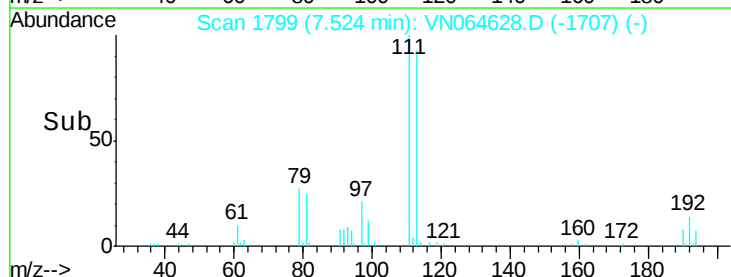
61 50.9 39.1 58.7

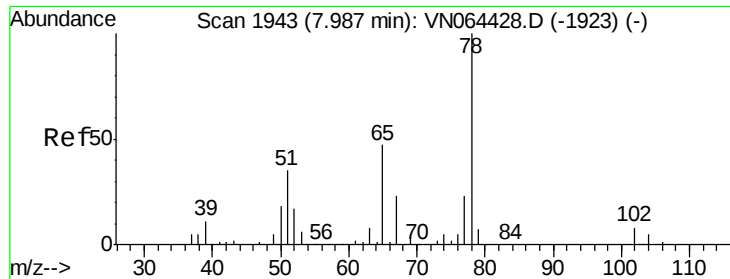


Abundance Ion 96.90 (96.60 to 97.60): VN064428.D (-1778) (-)

Ion 98.90 (98.60 to 99.60): VN064428.D (-1778) (-)

Ion 60.90 (60.60 to 61.60): VN064428.D (-1778) (-)

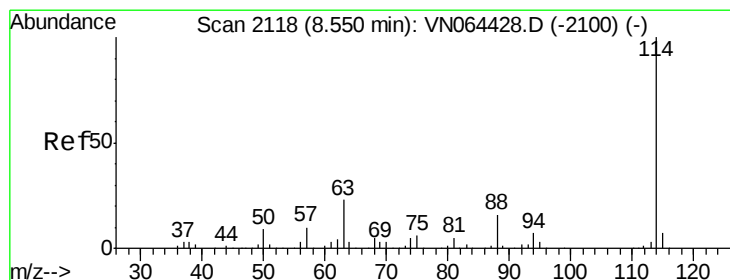
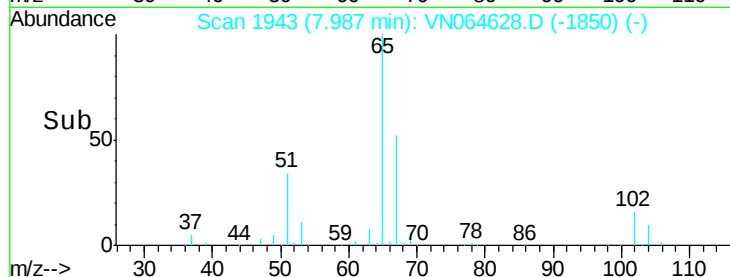
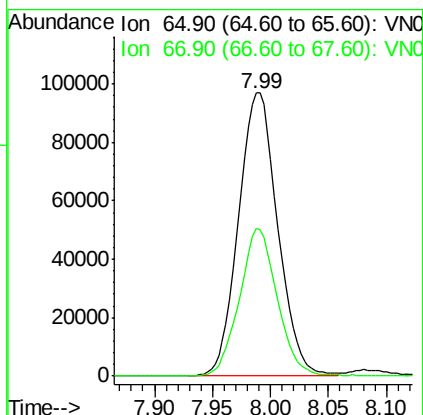
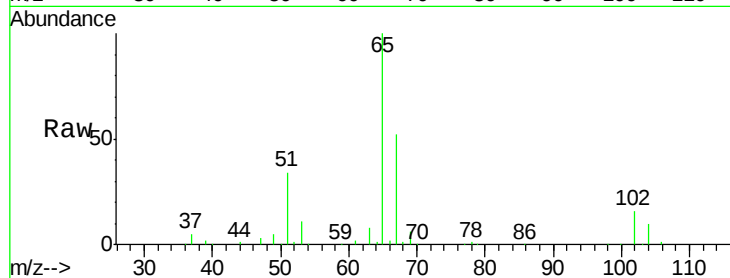




#33
 1,2-Dichloroethane-d4
 Concen: 58.427 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064628.D
 Acq: 13 Nov 2020 13:48

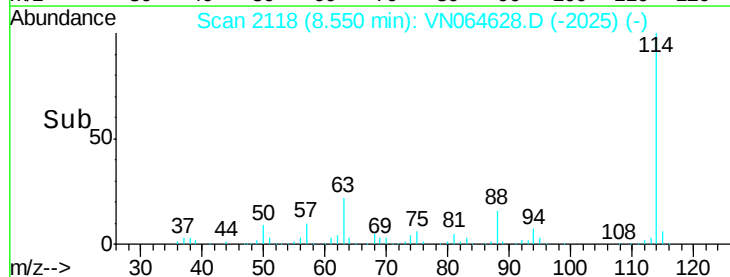
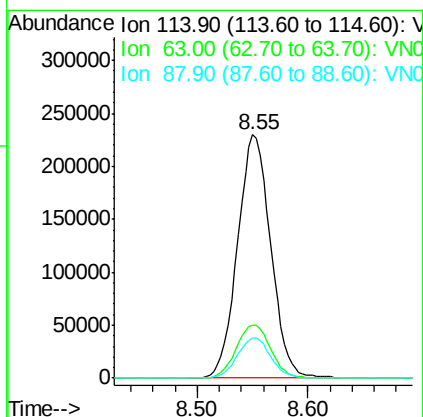
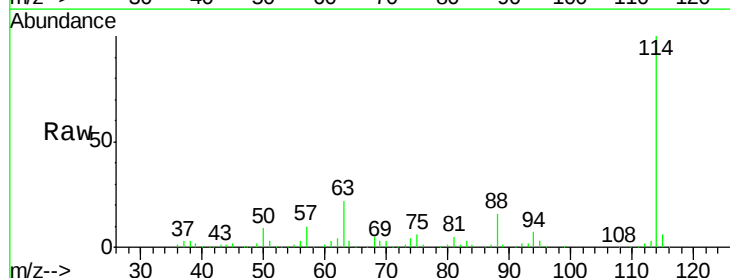
Instrument :
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 BP-VPB178-GW-538-540

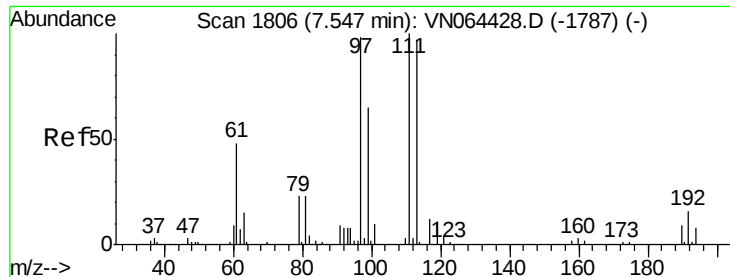
Tot Ion: 65 Resp: 228533
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064628.D
 Acq: 13 Nov 2020 13:48

Tgt Ion: 114 Resp: 478835
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 45.6
 88 16.5 0.0 32.8

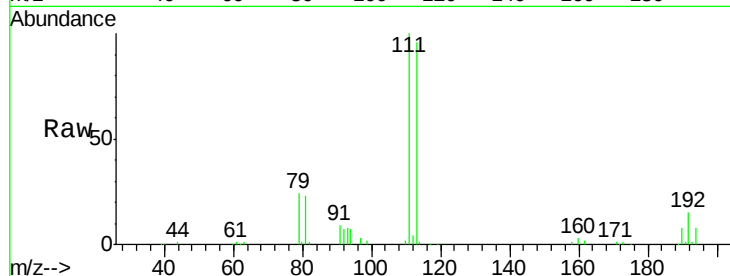




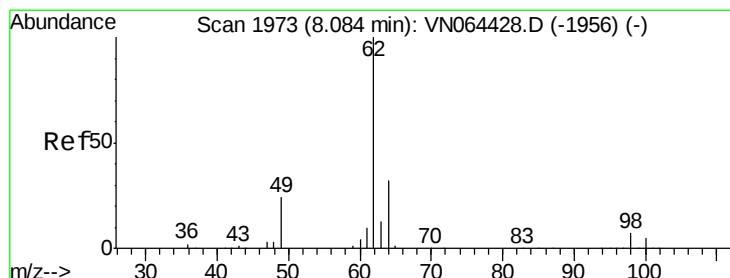
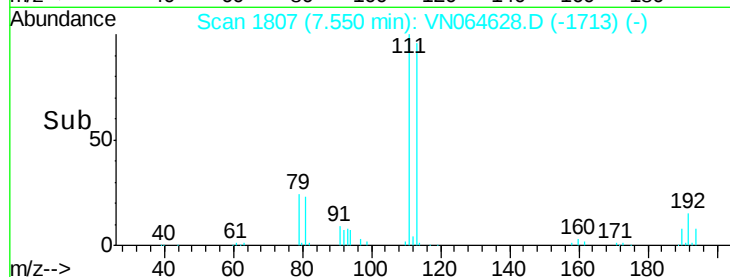
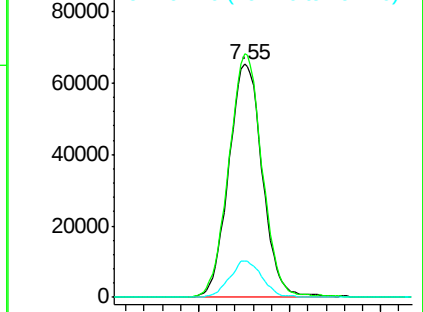
#35
 Dibromofluoromethane
 Concen: 51.499 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064628.D
 Acq: 13 Nov 2020 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-538-540

Tot Ion:113 Resp: 167899
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.1 121.7
 192 15.1 12.8 19.2

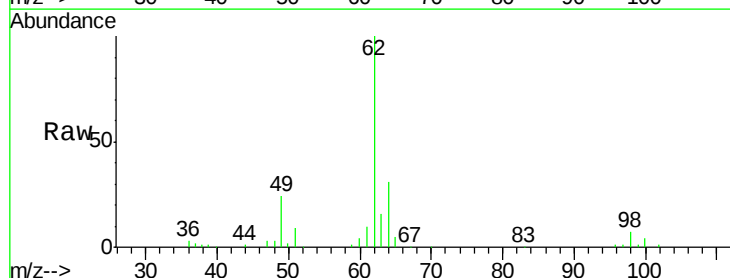


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

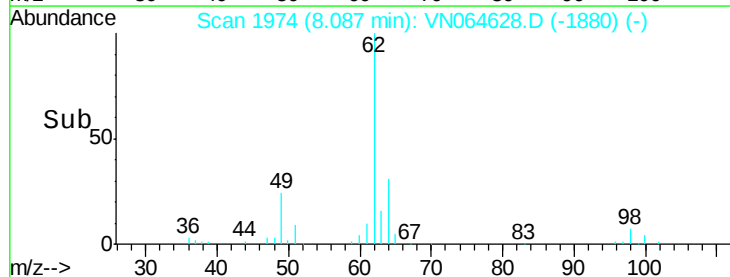
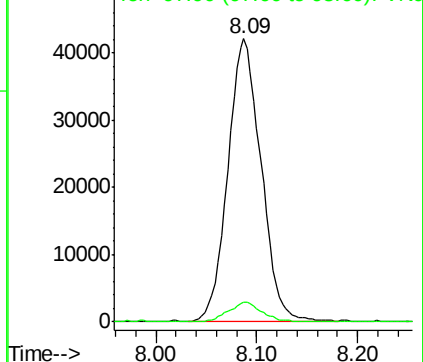


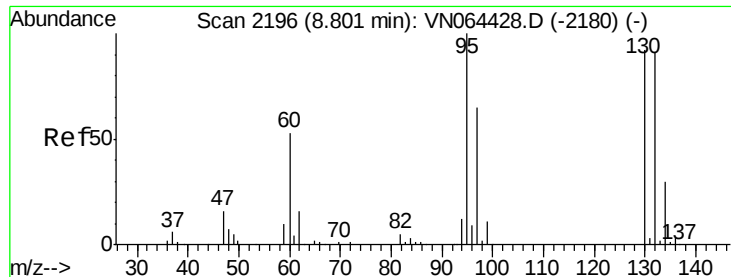
#42
 1,2-Dichloroethane
 Concen: 16.117 ug/l
 RT: 8.09 min Scan# 1974
 Delta R.T. 0.00 min
 Lab File: VN064628.D
 Acq: 13 Nov 2020 13:48

Tgt Ion: 62 Resp: 96684
 Ion Ratio Lower Upper
 62 100
 98 6.9 0.0 14.0



Abundance Ion 61.90 (61.60 to 62.60): VNO
 Ion 97.90 (97.60 to 98.60): VNO

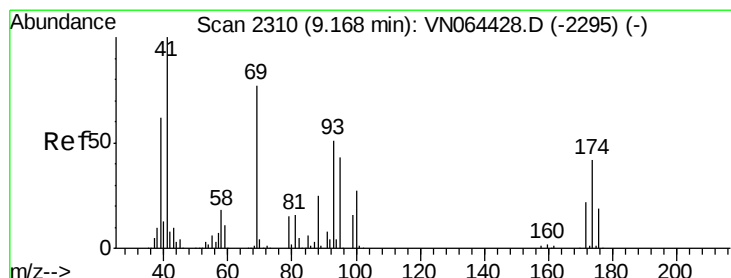
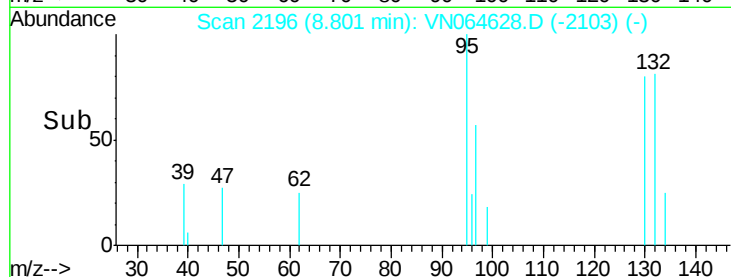
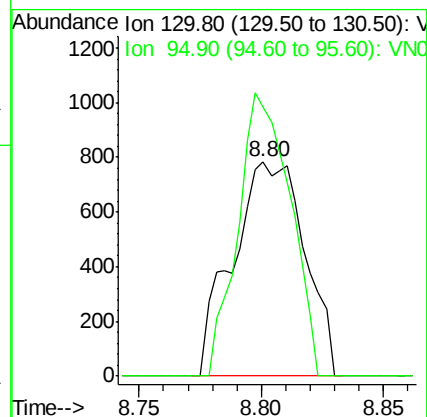
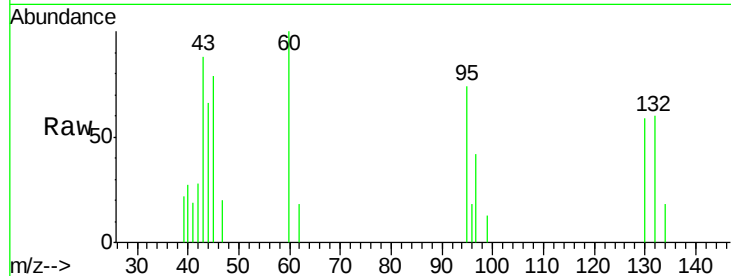




#44
 Trichloroethene
 Concen: 0.429 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN064628.D
 Acq: 13 Nov 2020 13:48

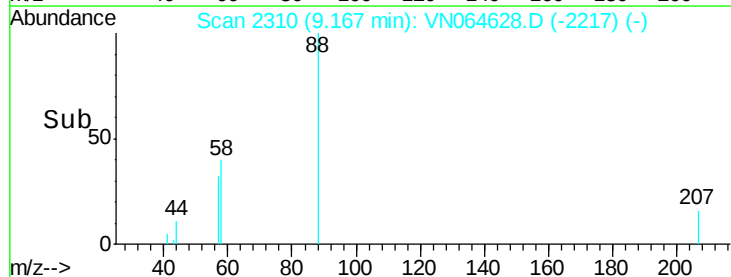
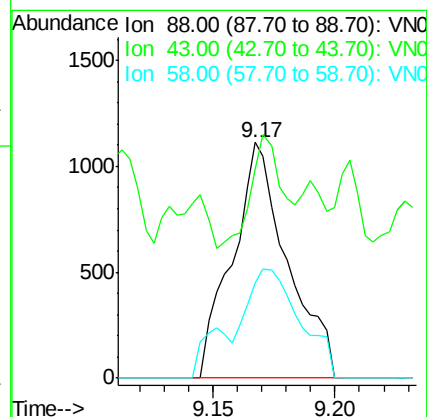
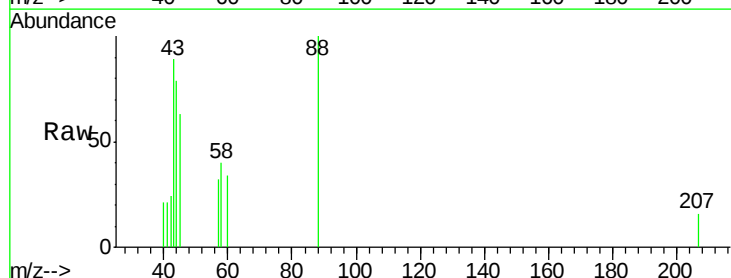
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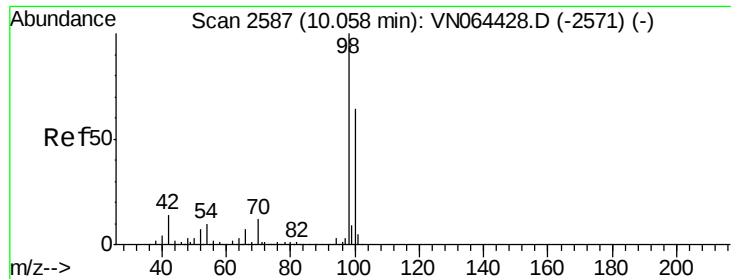
Tot Ion:130 Resp: 1608
 Ion Ratio Lower Upper
 130 100
 95 125.2 0.0 216.8



#49
 1,4-Dioxane
 Concen: 31.954 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN064628.D
 Acq: 13 Nov 2020 13:48

Tgt Ion: 88 Resp: 1741
 Ion Ratio Lower Upper
 88 100
 43 24.1 31.0 46.6#
 58 45.1 58.4 87.6#





#50

Toluene-d8

Concen: 47.789 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

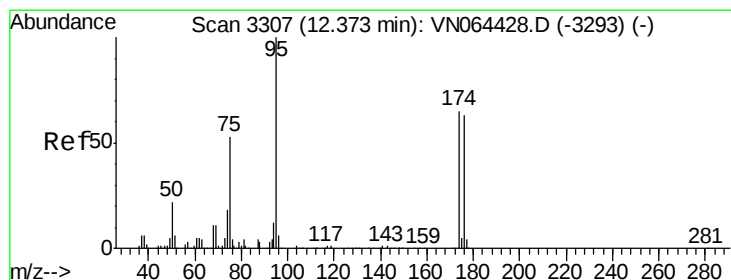
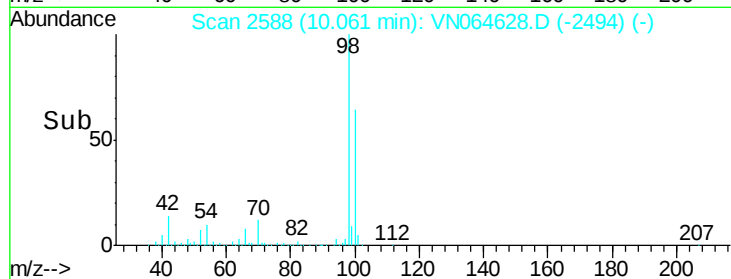
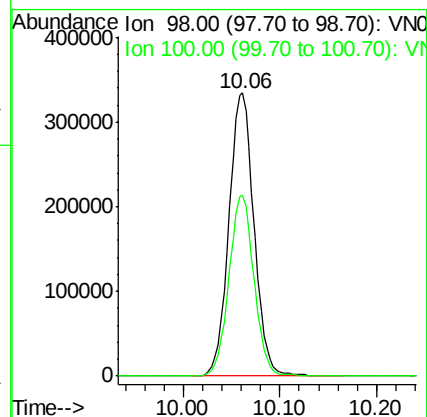
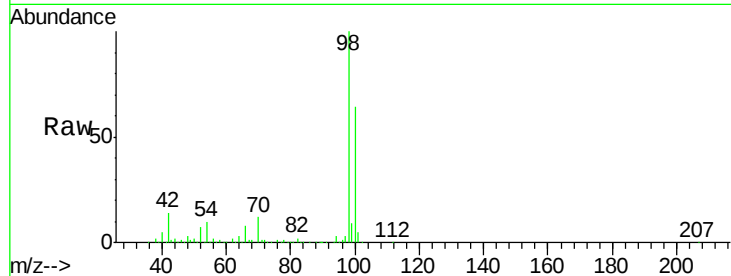
BP-VPB178-GW-538-540

Tot Ion: 98 Resp: 602170

Ion Ratio Lower Upper

98 100

100 63.8 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 45.719 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

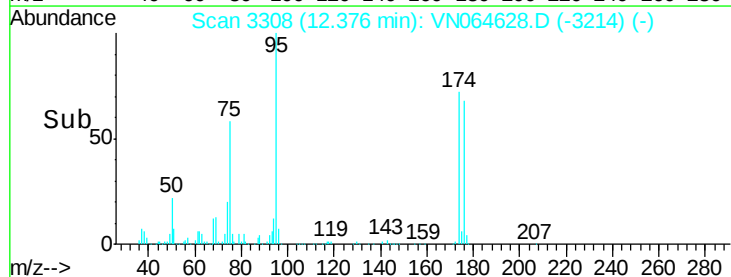
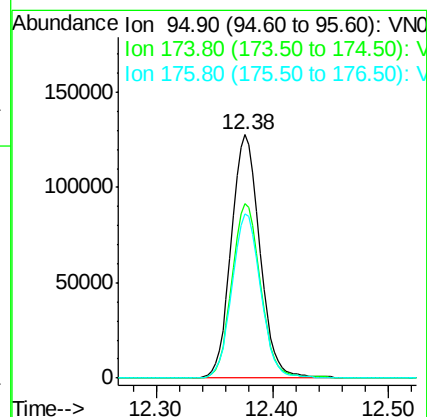
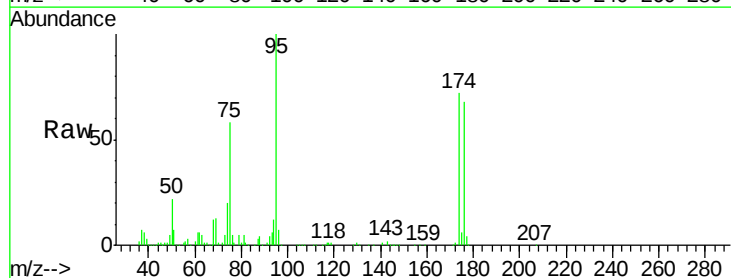
Tgt Ion: 95 Resp: 217871

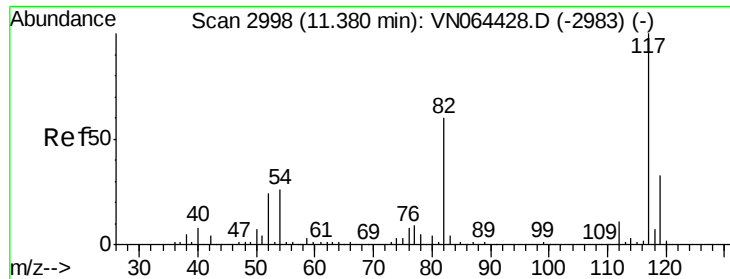
Ion Ratio Lower Upper

95 100

174 71.9 0.0 132.6

176 67.4 0.0 129.2

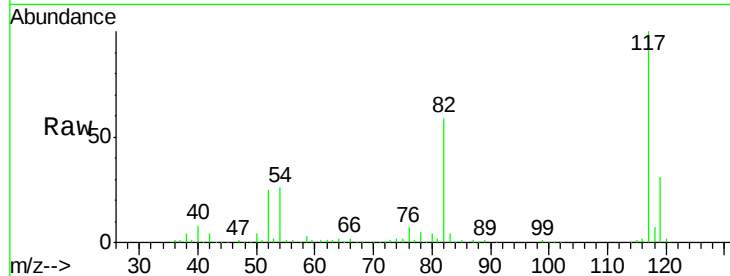




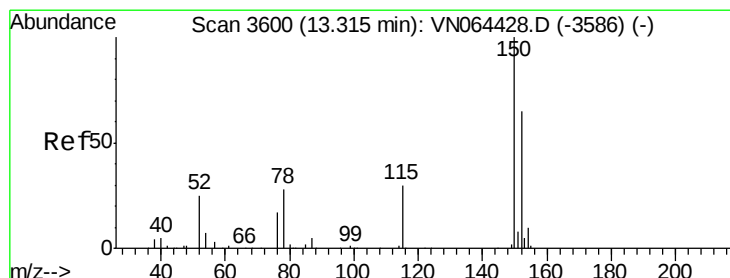
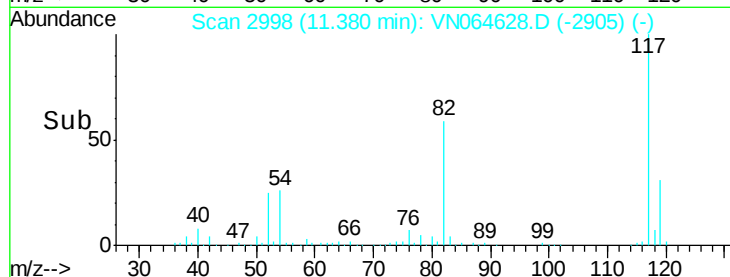
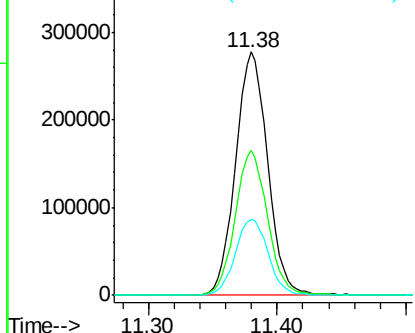
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064628.D
Acq: 13 Nov 2020 13:48

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-538-540

Tot Ion:117 Resp: 481163
Ion Ratio Lower Upper
117 100
82 59.3 48.1 72.1
119 31.4 26.2 39.4

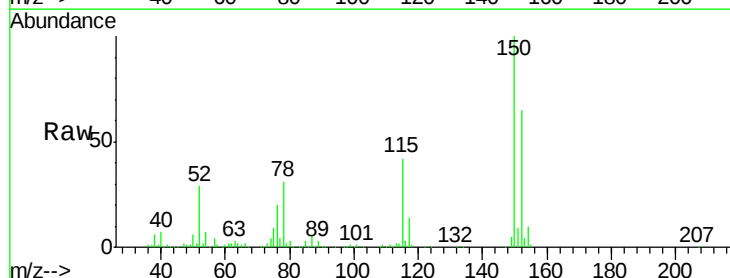


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064628.D
Acq: 13 Nov 2020 13:48

Tgt Ion:152 Resp: 173805
Ion Ratio Lower Upper
152 100
115 66.1 32.0 96.0
150 158.0 0.0 353.8



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

