

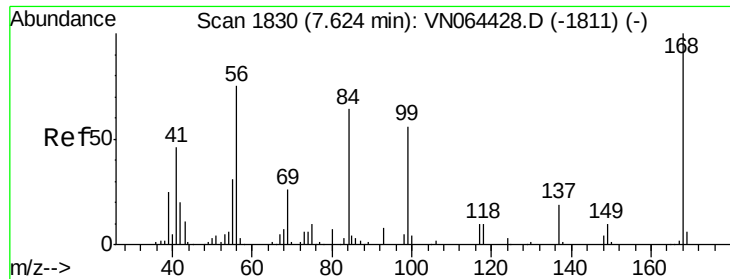
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111320\
 Data File : VN064629.D
 Acq On : 13 Nov 2020 14:12
 Operator : JC/MD
 Sample : L4747-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-558-560

Quant Time: Nov 17 12:30:57 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	222486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	465009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	475236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	170443	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	226937	58.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.12%	
35) Dibromofluoromethane	7.55	113	165065	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
50) Toluene-d8	10.06	98	590007	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
62) 4-Bromofluorobenzene	12.38	95	213380	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
Target Compounds						
12) 1,1-Dichloroethene	3.69	96	3090	1.299	ug/l #	81
16) Acetone	3.79	43	5058	3.426	ug/l #	75
42) 1,2-Dichloroethane	8.09	62	2824	0.485	ug/l	95
44) Trichloroethene	8.80	130	1445	0.397	ug/l	59

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064629.D

Acq: 13 Nov 2020 14:12

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MSVOA_N

ClientSampleId :

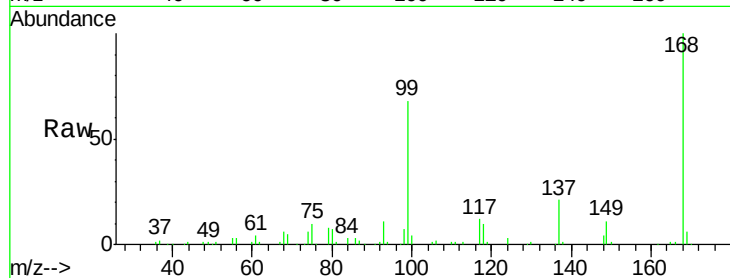
BP-VPB178-GW-558-560

Tot Ion:168 Resp: 222486

Ion Ratio Lower Upper

168 100

99 67.6 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

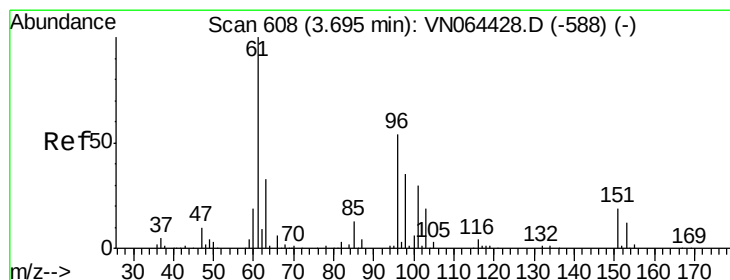
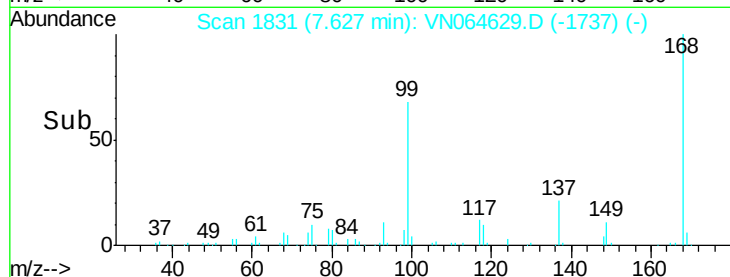
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#12

1,1-Dichloroethene

Concen: 1.299 ug/l

RT: 3.69 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN064629.D

Acq: 13 Nov 2020 14:12

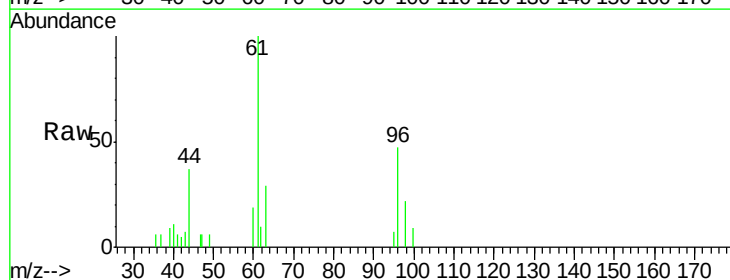
Tgt Ion: 96 Resp: 3090

Ion Ratio Lower Upper

96 100

61 212.7 149.5 224.3

98 46.5 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

4000

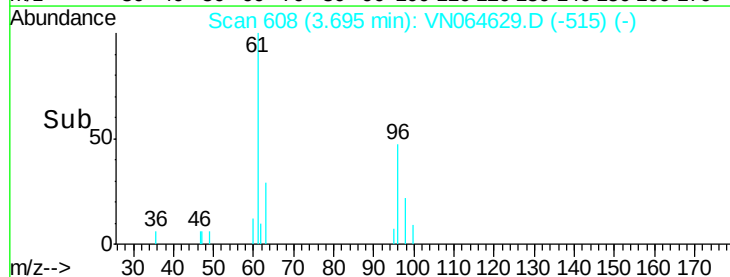
3000

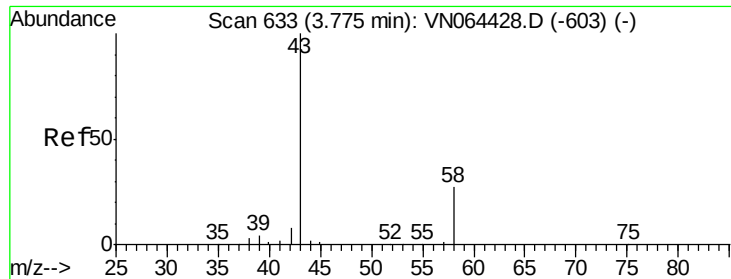
2000

1000

0

Time--> 3.65 3.70 3.75

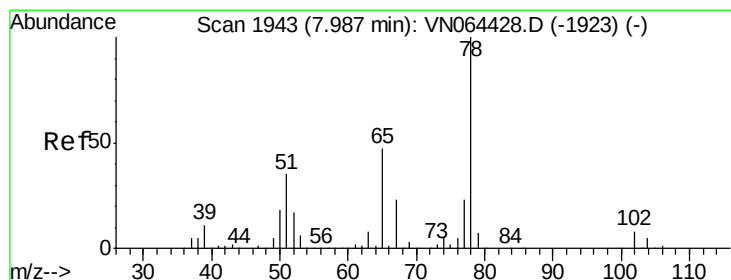
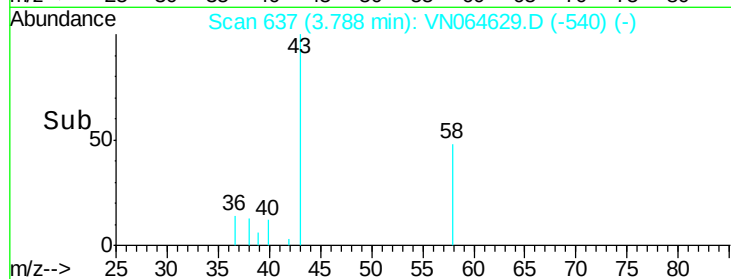
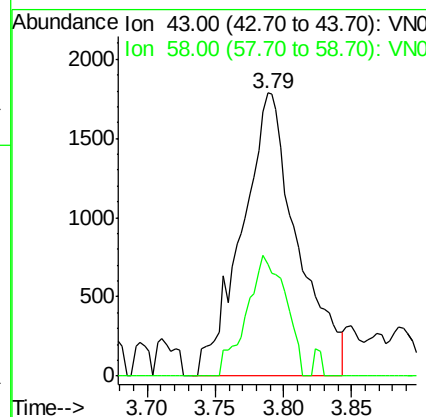
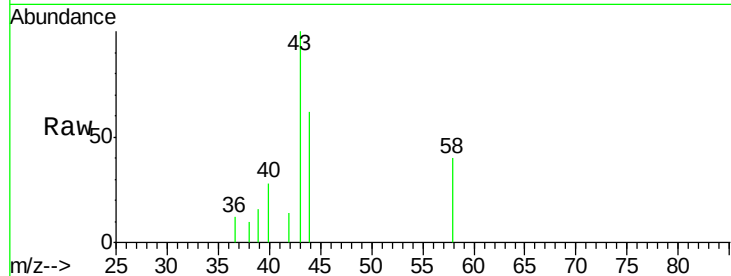




#16
Acetone
Concen: 3.426 ug/l
RT: 3.79 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN064629.D
Acq: 13 Nov 2020 14:12

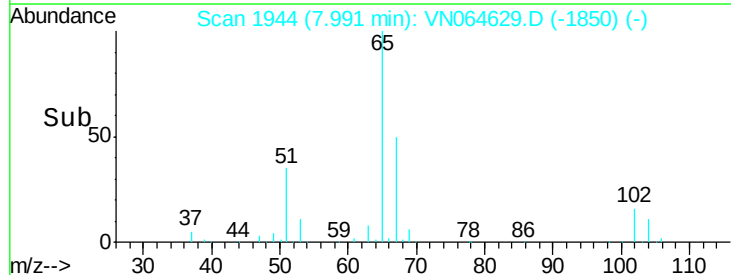
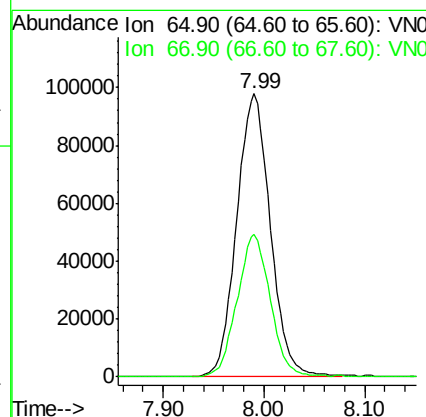
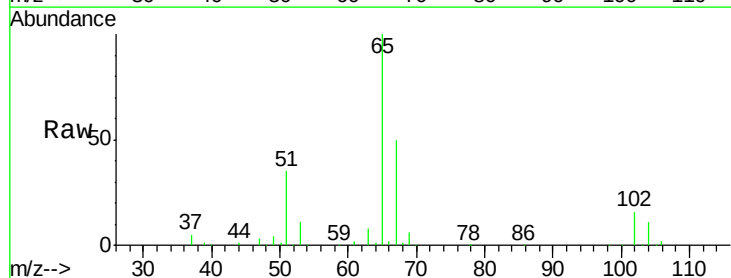
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-558-560

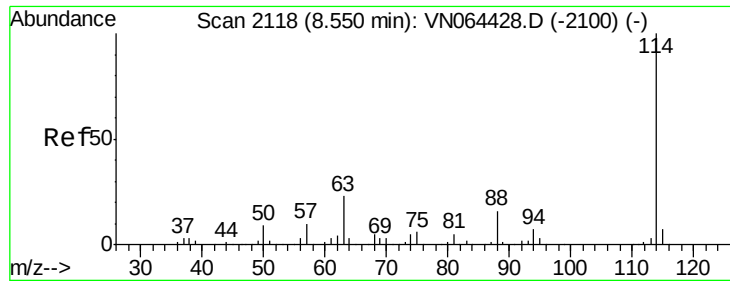
Tot Ion: 43 Resp: 5058
Ion Ratio Lower Upper
43 100
58 39.6 21.4 32.0#



#33
1,2-Dichloroethane-d4
Concen: 58.559 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN064629.D
Acq: 13 Nov 2020 14:12

Tgt Ion: 65 Resp: 226937
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.6

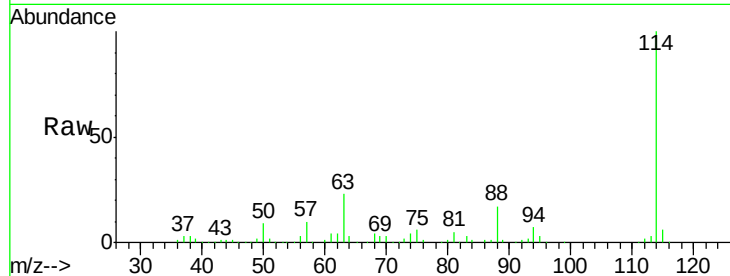




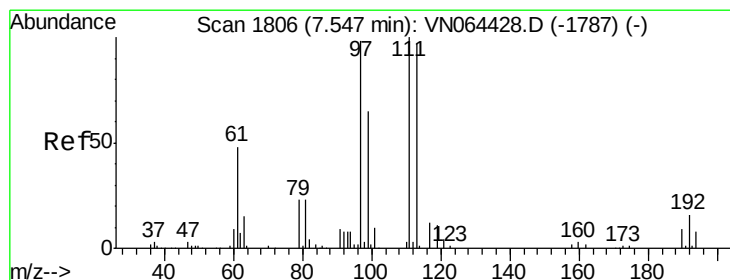
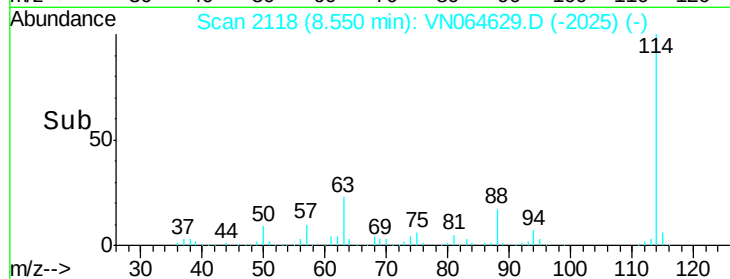
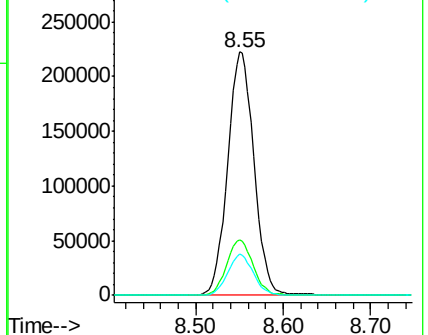
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064629.D
Acq: 13 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-558-560

Tot Ion:114 Resp: 465009
Ion Ratio Lower Upper
114 100
63 23.0 0.0 45.6
88 16.8 0.0 32.8

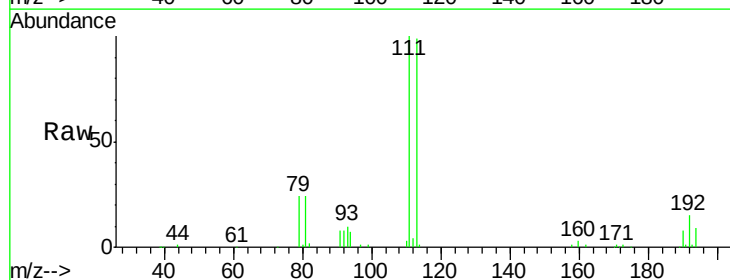


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

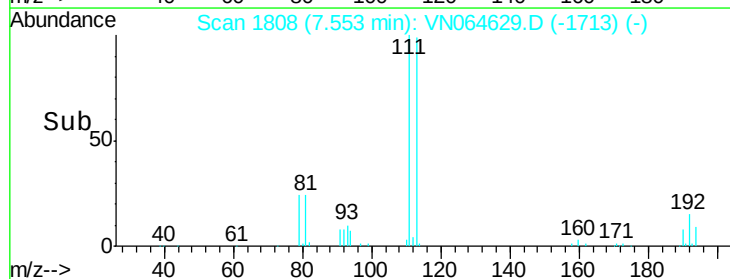
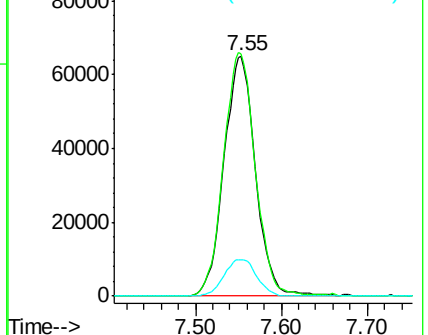


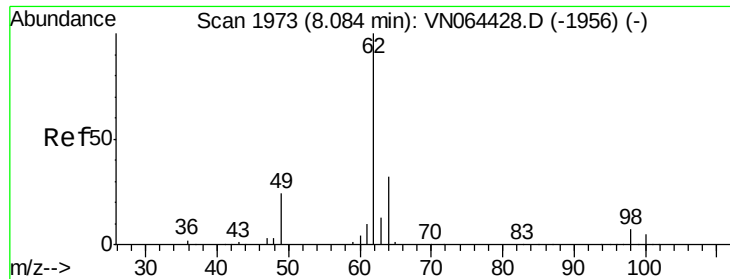
#35
Dibromofluoromethane
Concen: 52.136 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VN064629.D
Acq: 13 Nov 2020 14:12

Tgt Ion:113 Resp: 165065
Ion Ratio Lower Upper
113 100
111 101.9 81.1 121.7
192 15.8 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

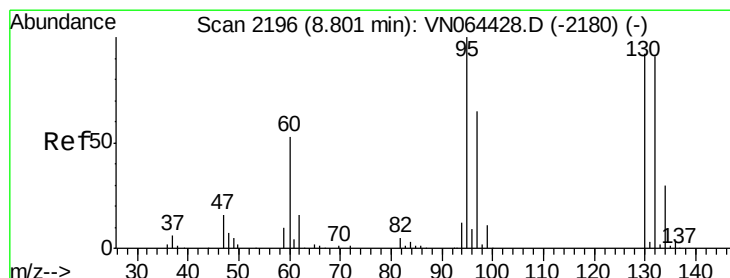
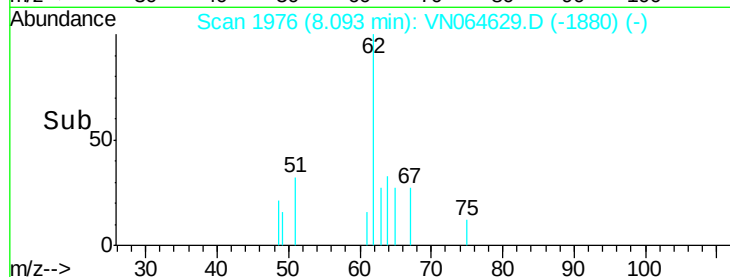
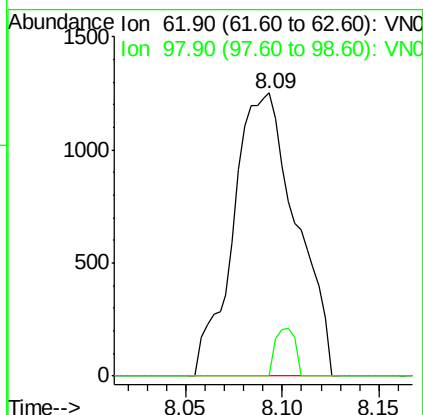
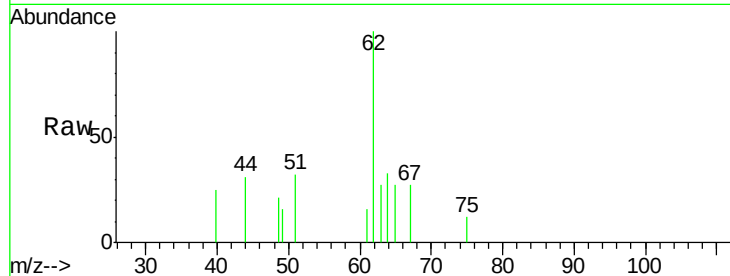




#42
1,2-Dichloroethane
Concen: 0.485 ug/l
RT: 8.09 min Scan# 1976
Delta R.T. 0.01 min
Lab File: VN064629.D
Acq: 13 Nov 2020 14:12

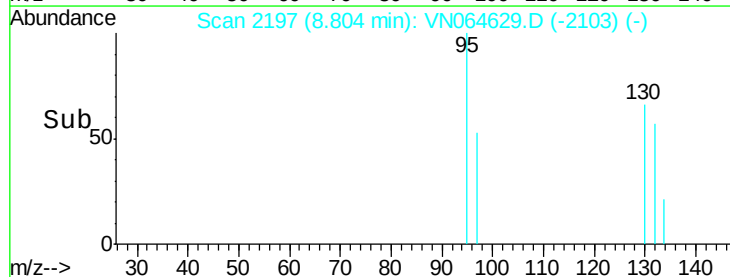
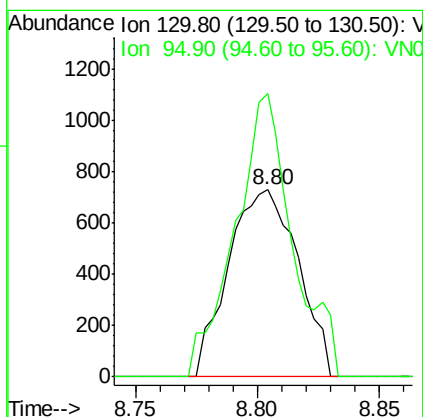
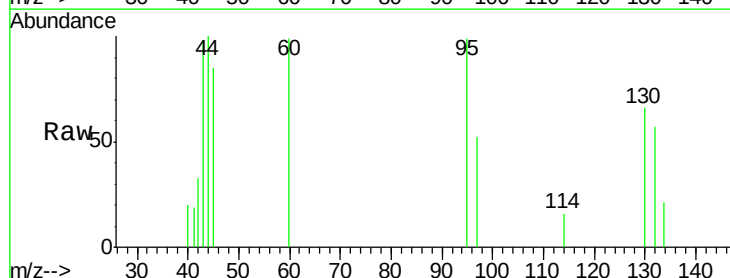
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-558-560

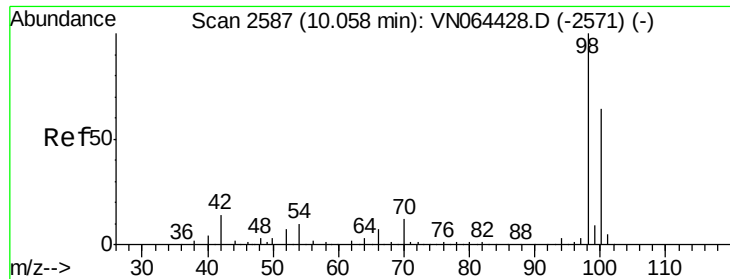
Tot Ion: 62 Resp: 2824
Ion Ratio Lower Upper
62 100
98 5.2 0.0 14.0



#44
Trichloroethene
Concen: 0.397 ug/l
RT: 8.80 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN064629.D
Acq: 13 Nov 2020 14:12

Tgt Ion:130 Resp: 1445
Ion Ratio Lower Upper
130 100
95 151.4 0.0 216.8





#50

Toluene-d8

Concen: 48.215 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064629.D

Acq: 13 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

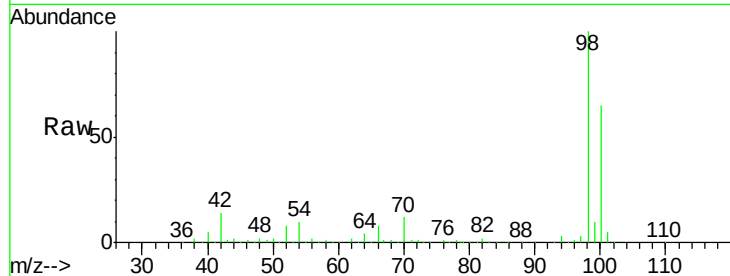
BP-VPB178-GW-558-560

Tot Ion: 98 Resp: 590007

Ion Ratio Lower Upper

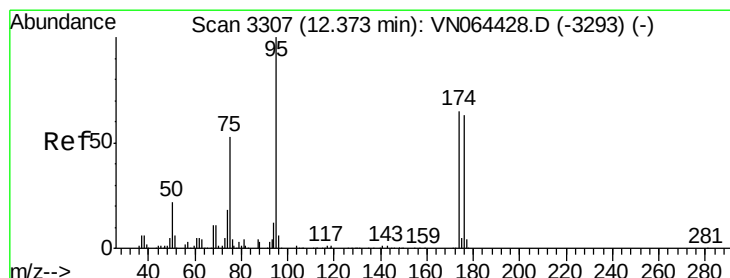
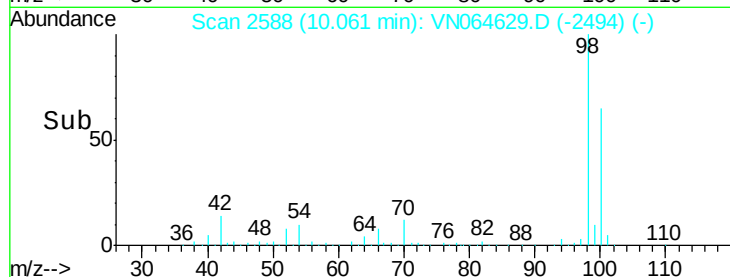
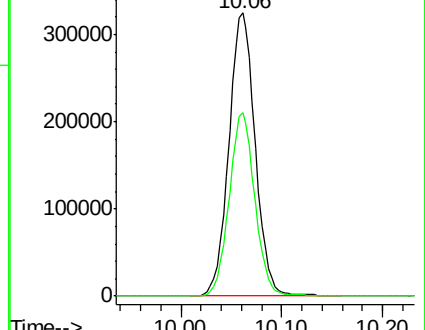
98 100

100 62.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)



#62

4-Bromofluorobenzene

Concen: 46.108 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064629.D

Acq: 13 Nov 2020 14:12

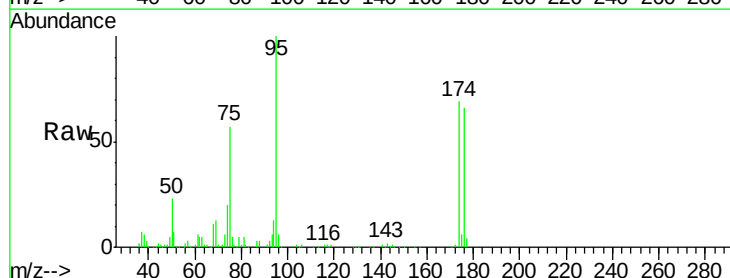
Tgt Ion: 95 Resp: 213380

Ion Ratio Lower Upper

95 100

174 71.2 0.0 132.6

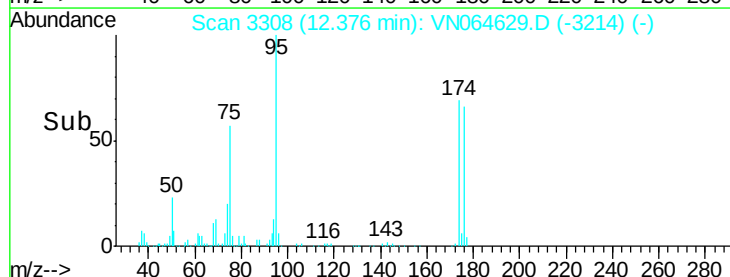
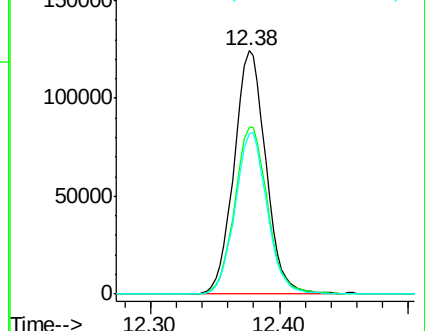
176 66.6 0.0 129.2

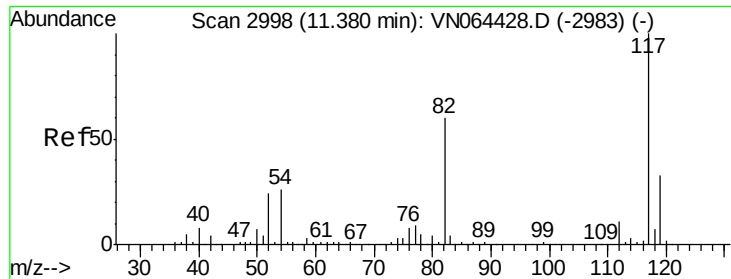


Abundance Ion 94.90 (94.60 to 95.60): VN064428.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064428.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064428.D (-3293) (-)

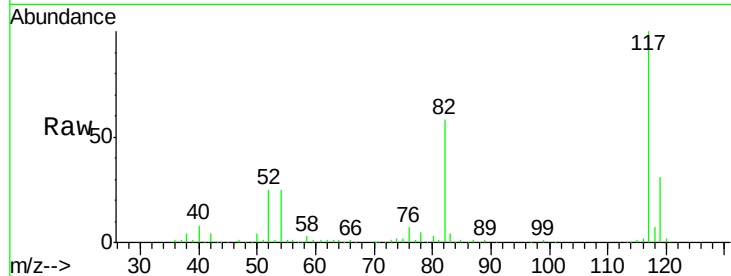




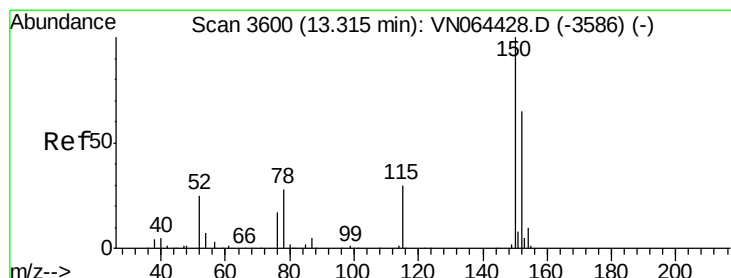
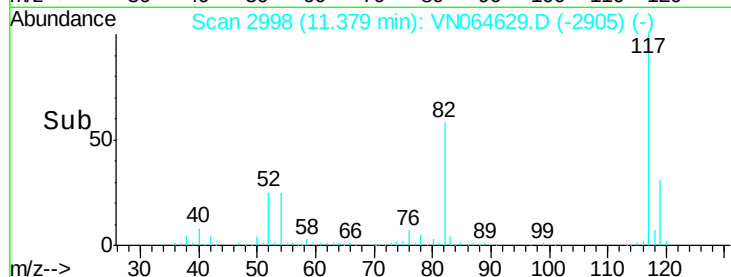
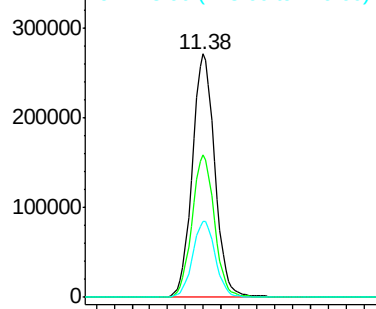
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064629.D
Acq: 13 Nov 2020 14:12

Instrument :
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ClientSampleId :
BP-VPB178-GW-558-560

Tot Ion:117 Resp: 475236
Ion Ratio Lower Upper
117 100
82 58.5 48.1 72.1
119 31.3 26.2 39.4

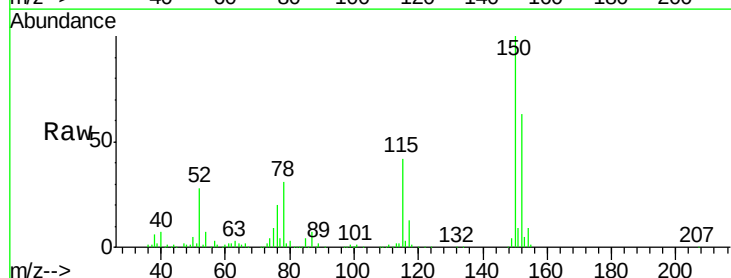


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064629.D
Acq: 13 Nov 2020 14:12

Tgt Ion:152 Resp: 170443
Ion Ratio Lower Upper
152 100
115 65.3 32.0 96.0
150 156.0 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

