

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111320\
 Data File : VN064632.D
 Acq On : 13 Nov 2020 15:25
 Operator : JC/MD
 Sample : L4747-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-TB-20201111

Quant Time: Nov 17 02:49:36 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	222399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	472313	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	478189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	179586	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	227403	58.70	ug/l	0.00
Spiked Amount			Recovery	=	117.40%	
35) Dibromofluoromethane	7.55	113	169082	52.58	ug/l	0.00
Spiked Amount			Recovery	=	105.16%	
50) Toluene-d8	10.06	98	600978	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	12.38	95	220491	46.91	ug/l	0.00
Spiked Amount			Recovery	=	93.82%	

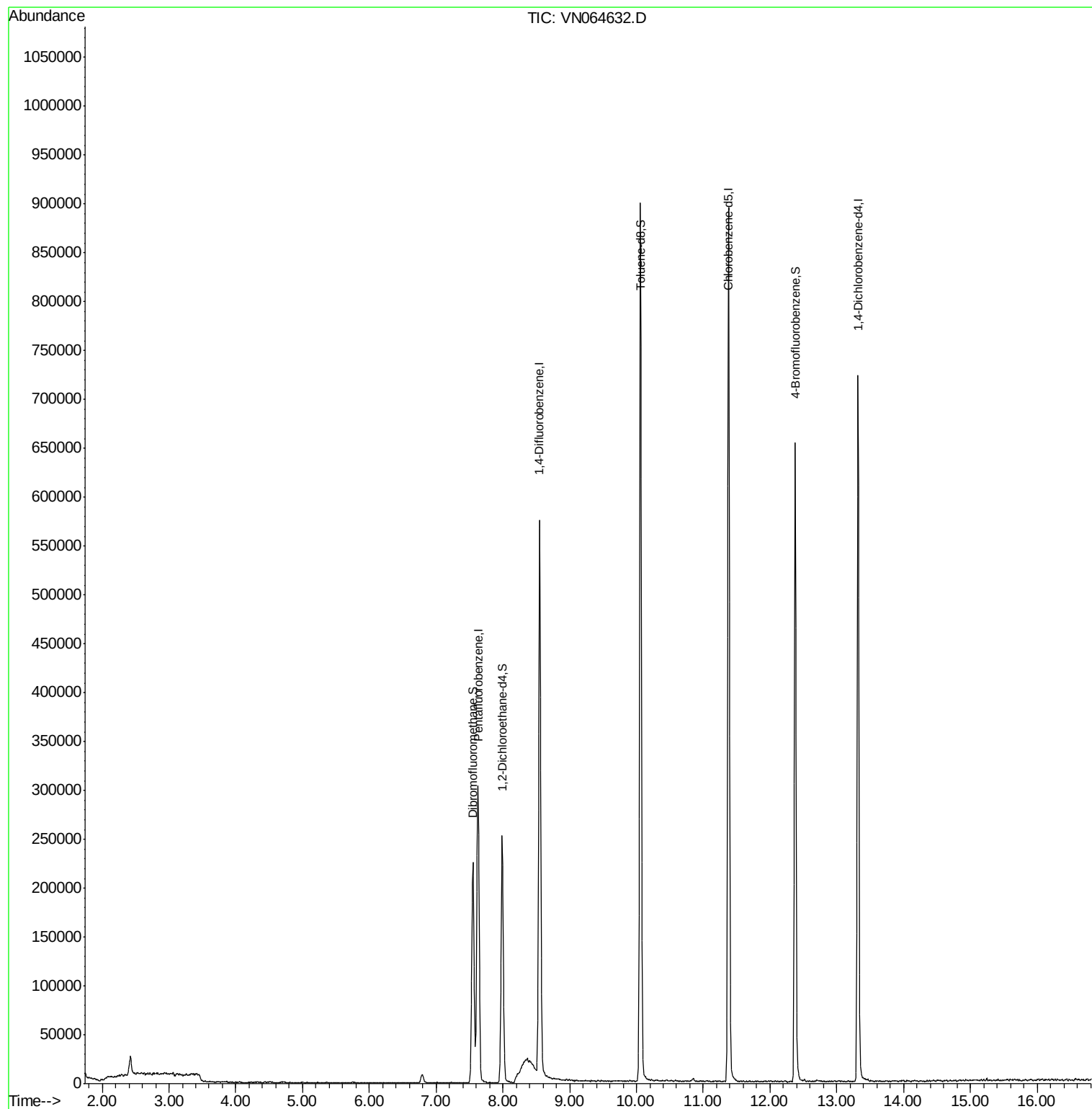
Target Compounds	Qvalue
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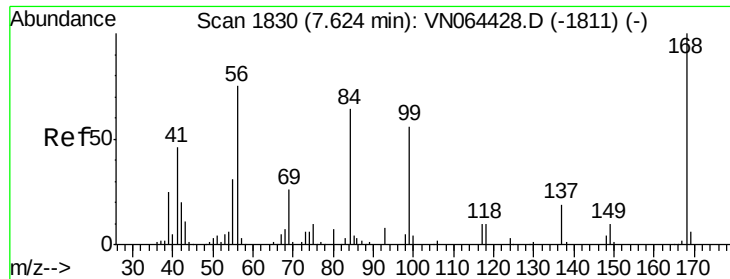
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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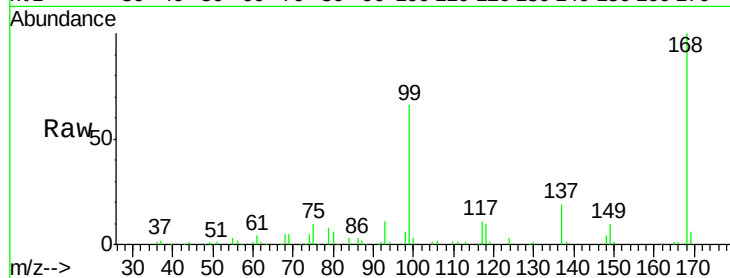




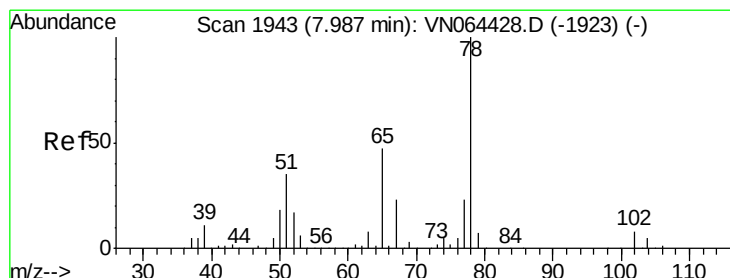
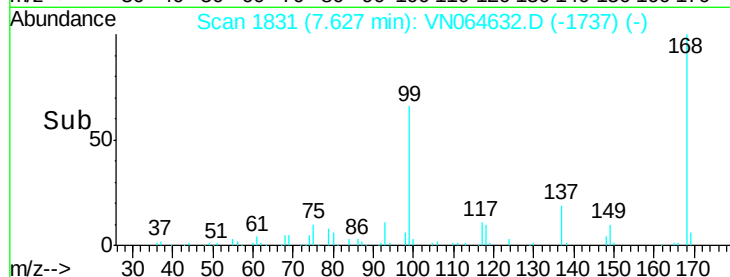
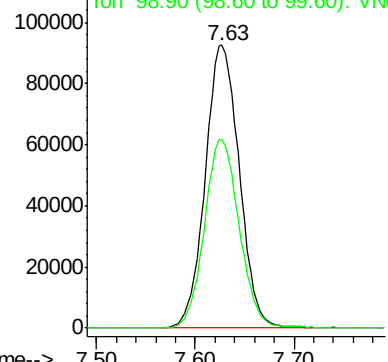
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN064632.D
Acq: 13 Nov 2020 15:25

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-TB-20201111

Tot Ion:168 Resp: 222399
Ion Ratio Lower Upper
168 100
99 66.5 53.4 80.2

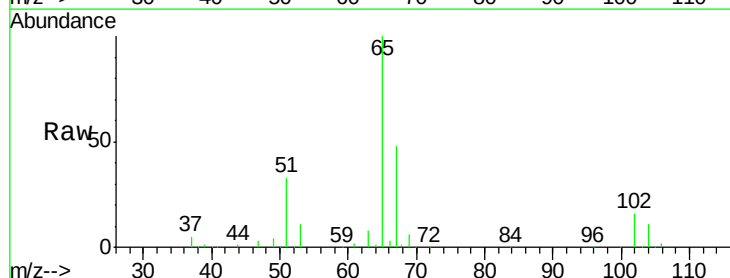


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VN0

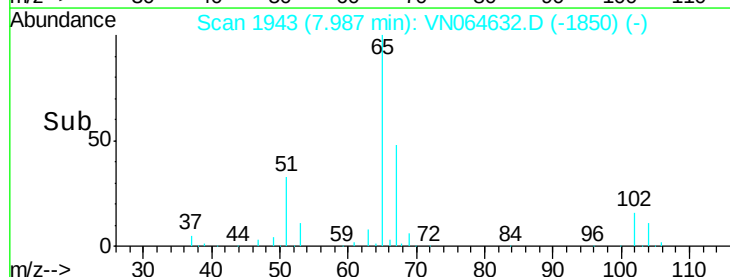
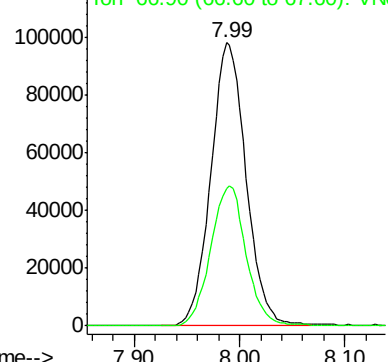


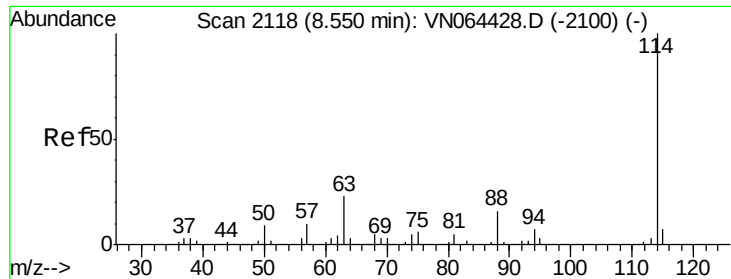
#33
1,2-Dichloroethane-d4
Concen: 58.702 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN064632.D
Acq: 13 Nov 2020 15:25

Tgt Ion: 65 Resp: 227403
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.6



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

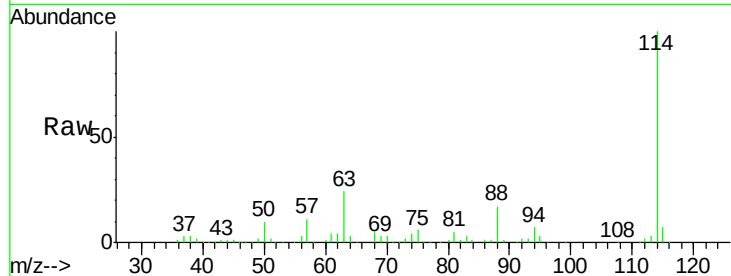




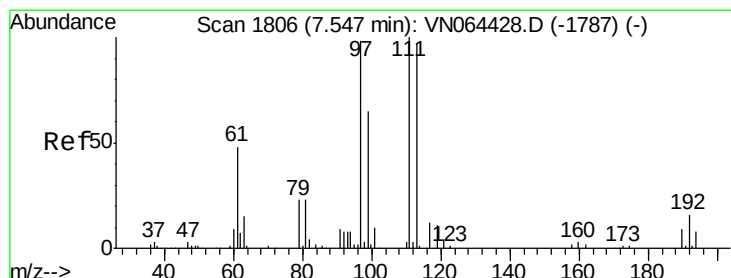
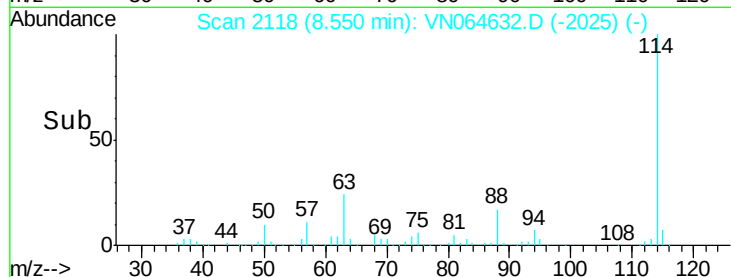
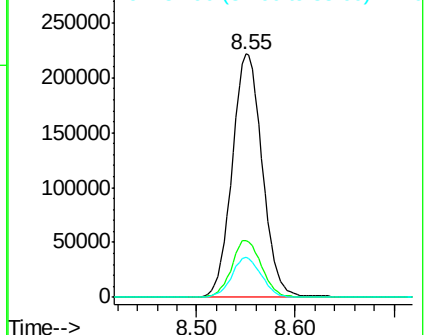
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064632.D
Acq: 13 Nov 2020 15:25

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-TB-20201111

Tot Ion:114 Resp: 472313
Ion Ratio Lower Upper
114 100
63 23.5 0.0 45.6
88 16.5 0.0 32.8

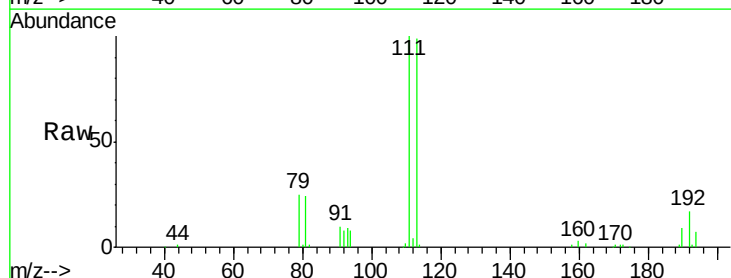


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

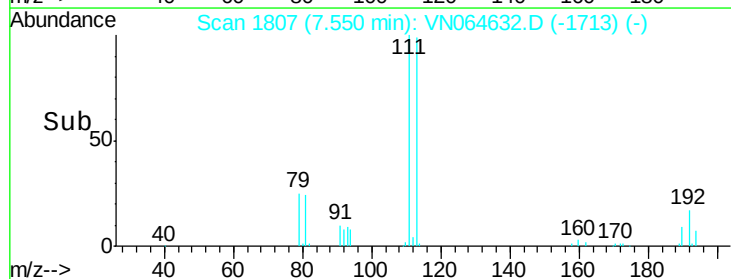
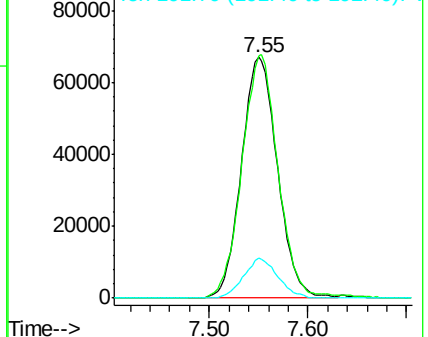


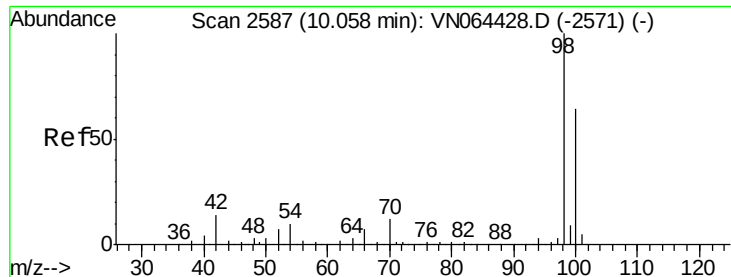
#35
Dibromofluoromethane
Concen: 52.578 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064632.D
Acq: 13 Nov 2020 15:25

Tgt Ion:113 Resp: 169082
Ion Ratio Lower Upper
113 100
111 101.7 81.1 121.7
192 15.9 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

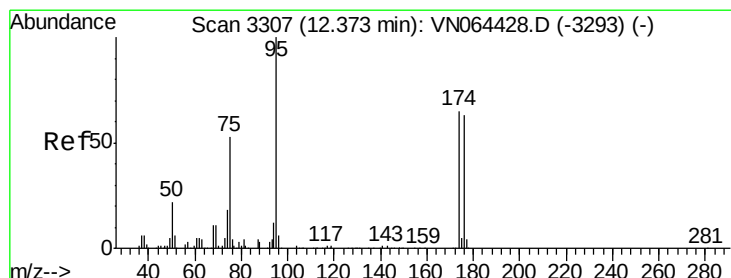
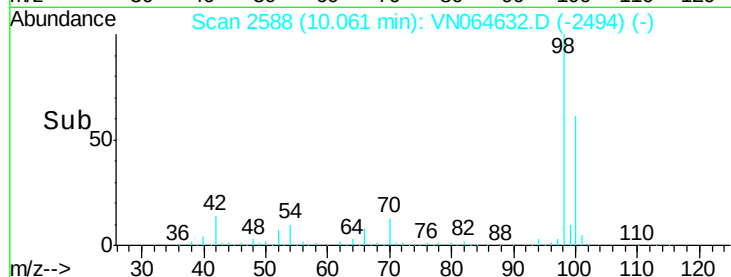
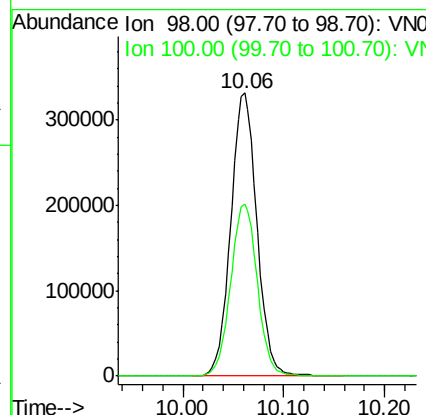
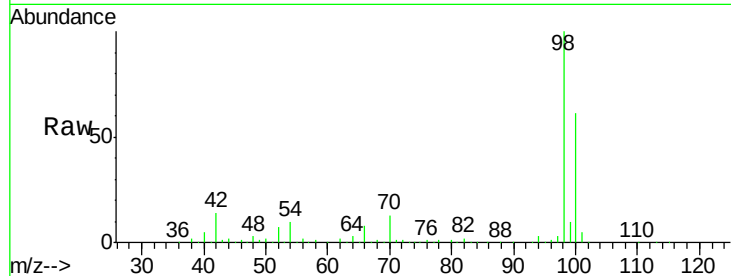




#50
Toluene-d8
Concen: 48.352 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064632.D
Acq: 13 Nov 2020 15:25

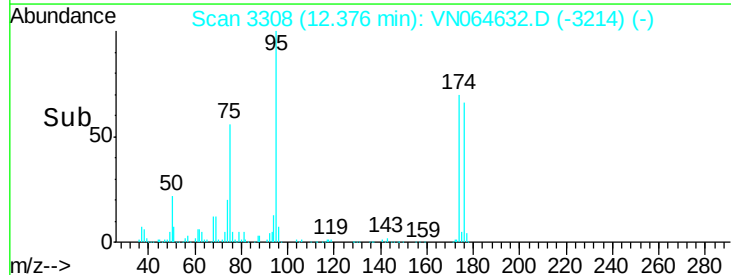
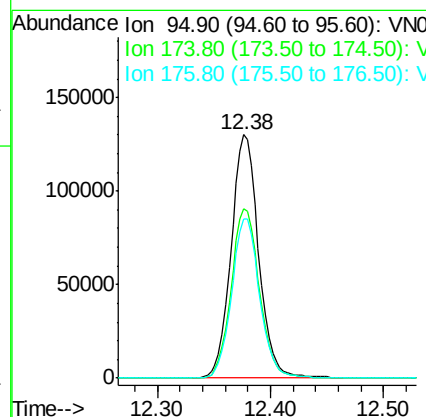
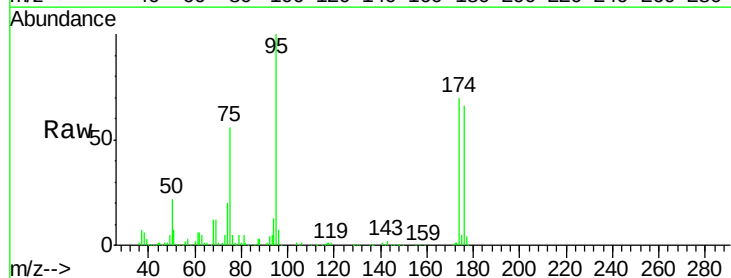
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-TB-20201111

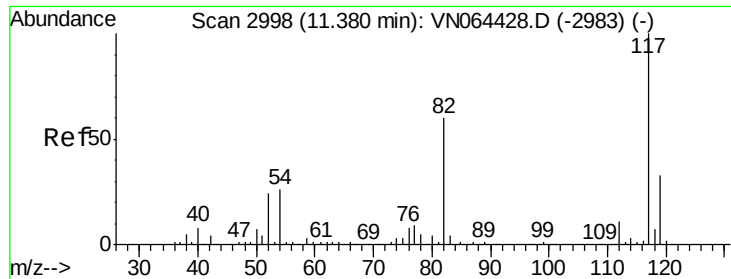
Tot Ion: 98 Resp: 600978
Ion Ratio Lower Upper
98 100
100 62.0 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 46.908 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064632.D
Acq: 13 Nov 2020 15:25

Tgt Ion: 95 Resp: 220491
Ion Ratio Lower Upper
95 100
174 71.5 0.0 132.6
176 66.5 0.0 129.2

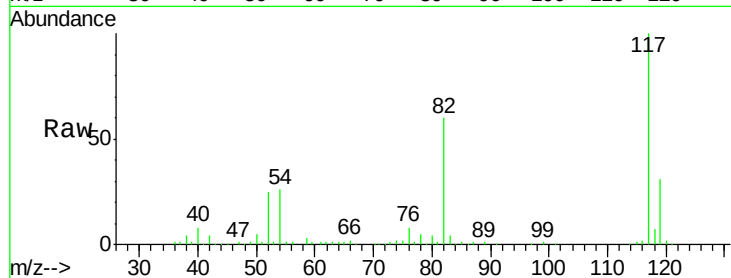




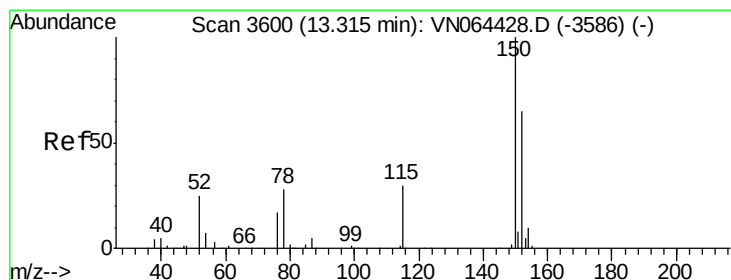
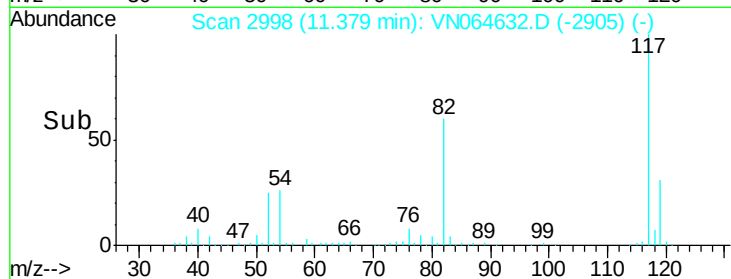
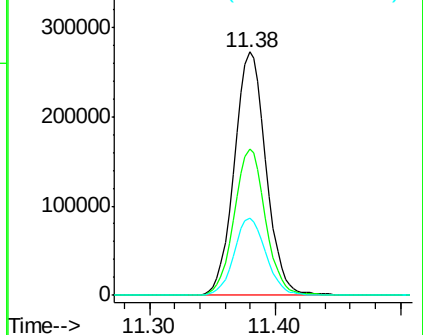
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064632.D
Acq: 13 Nov 2020 15:25

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-TB-20201111

Tot Ion:117 Resp: 478189
Ion Ratio Lower Upper
117 100
82 59.9 48.1 72.1
119 31.5 26.2 39.4

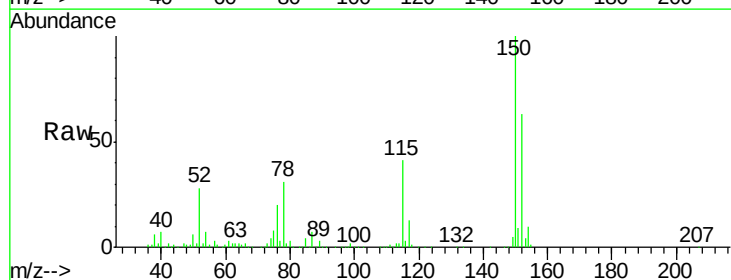


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064632.D
Acq: 13 Nov 2020 15:25

Tgt Ion:152 Resp: 179586
Ion Ratio Lower Upper
152 100
115 65.2 32.0 96.0
150 155.6 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

