

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066898.D
 Acq On : 26 Sep 2020 04:01
 Operator : VA/SY
 Sample : L4154-08
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-5(5-7)

Quant Time: Sep 26 07:28:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

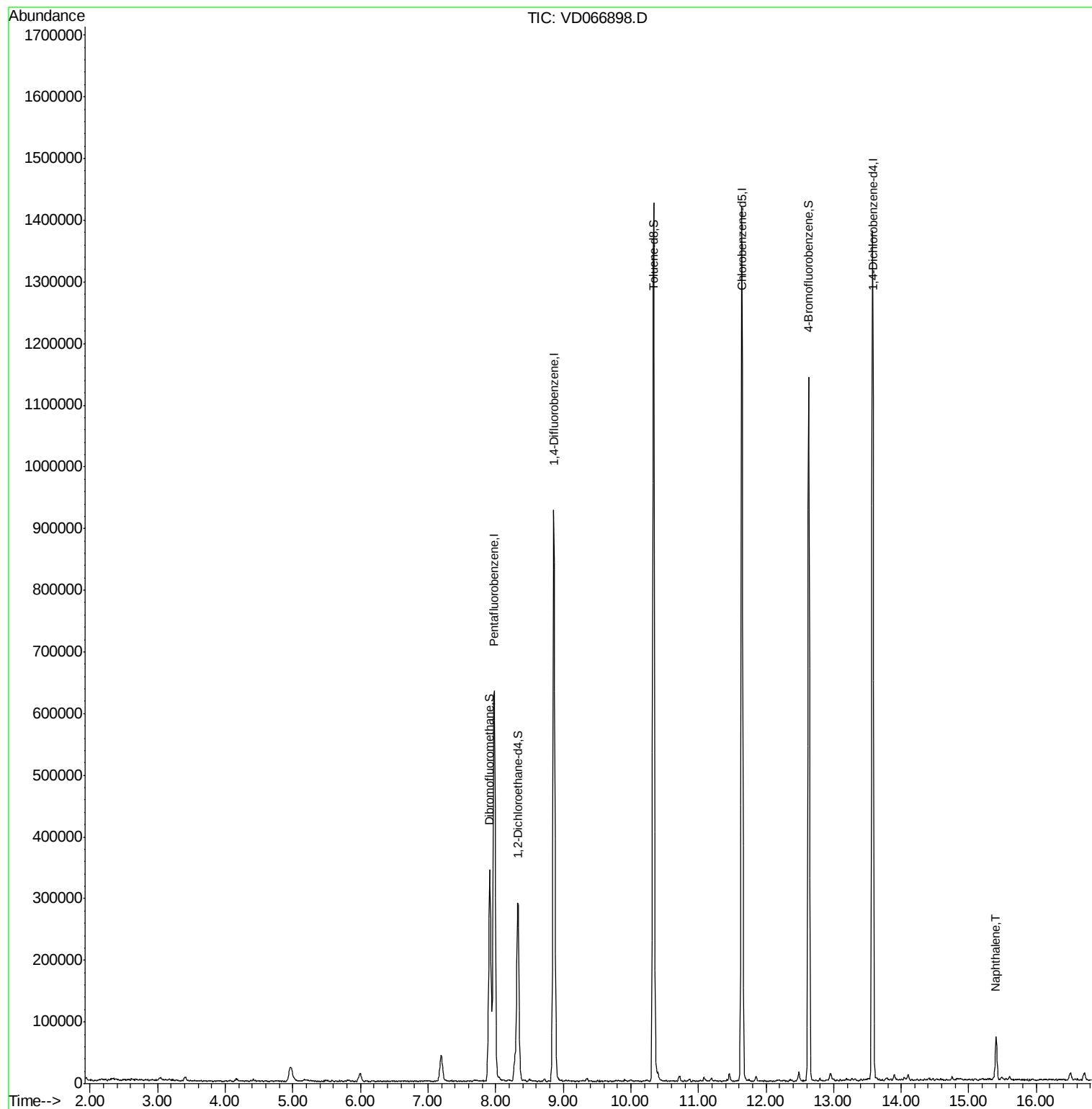
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	473358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	809544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	807555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	372874	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	232195	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
35) Dibromofluoromethane	7.91	113	248737	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
50) Toluene-d8	10.34	98	969304	55.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.48%	
62) 4-Bromofluorobenzene	12.63	95	355767	59.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.44%	
Target Compounds						
95) Naphthalene	15.40	128	64126	5.635	ug/l	Qvalue 99

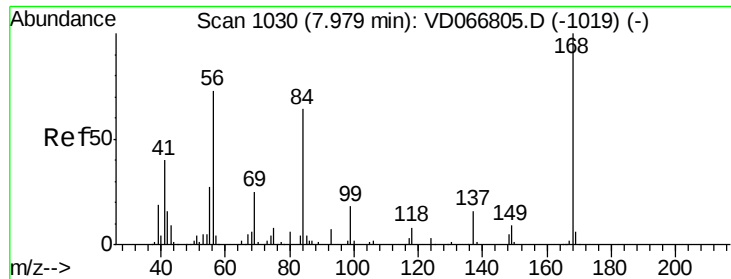
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066898.D

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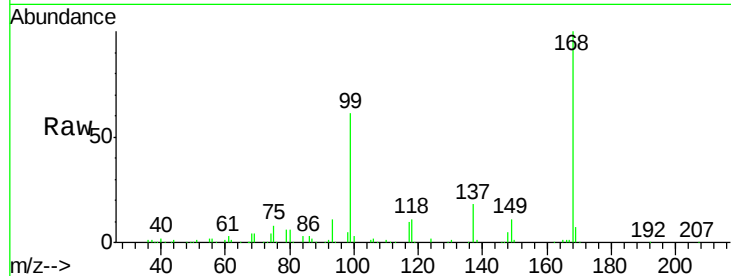
B-5(5-7)

Tot Ion:168 Resp: 473358

Ion Ratio Lower Upper

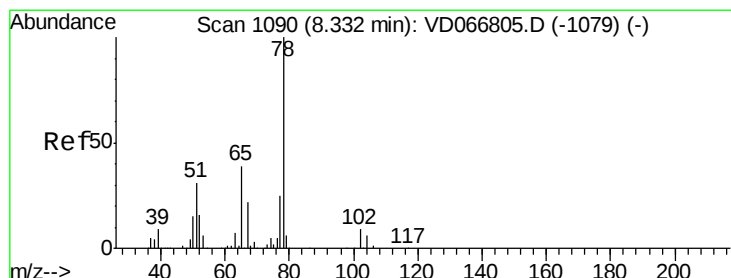
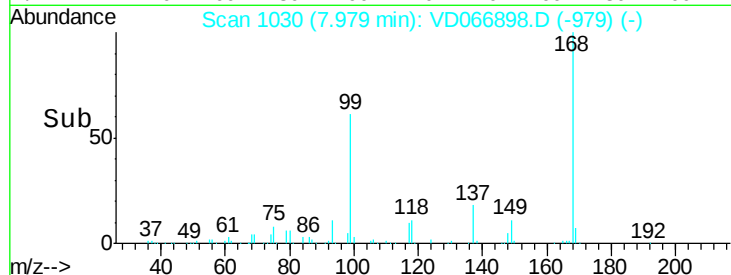
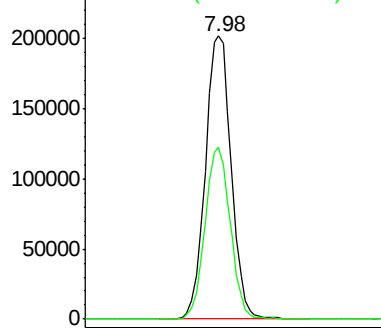
168 100

99 60.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 50.117 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066898.D

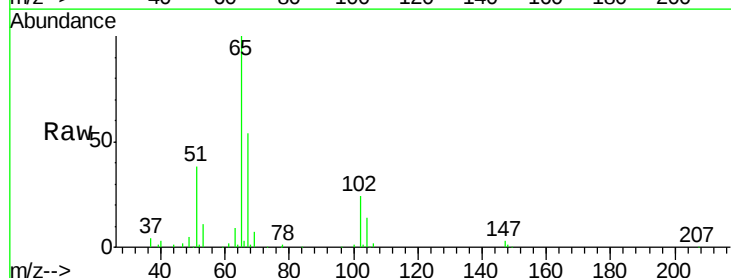
Acq: 26 Sep 2020 04:01

Tgt Ion: 65 Resp: 232195

Ion Ratio Lower Upper

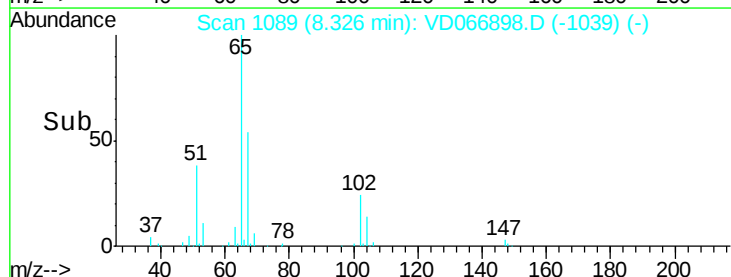
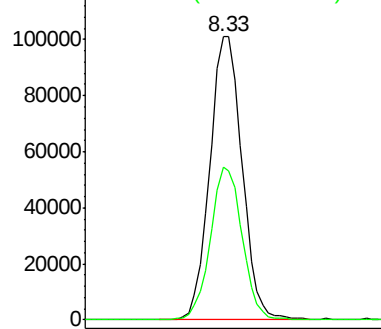
65 100

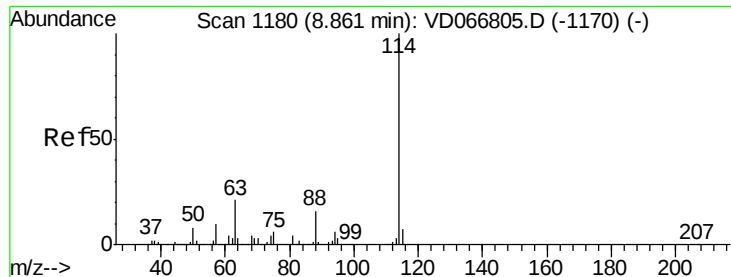
67 53.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

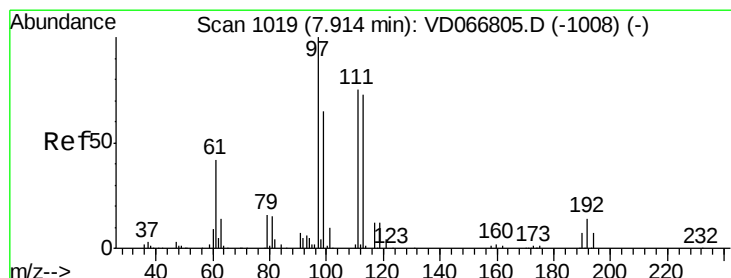
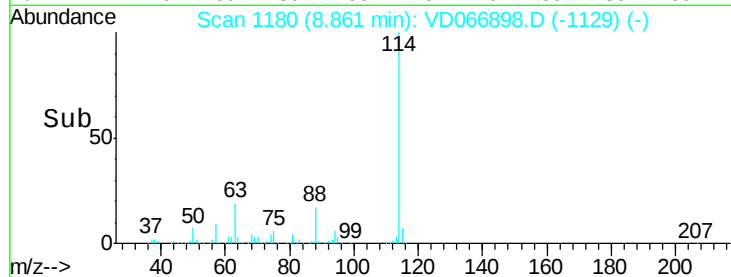
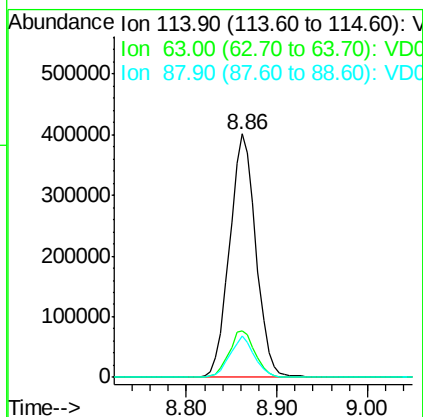
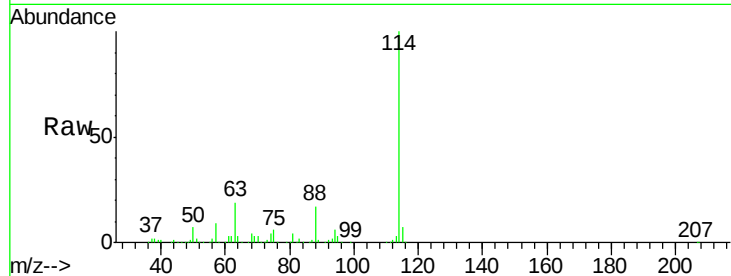




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066898.D
 Acq: 26 Sep 2020 04:01

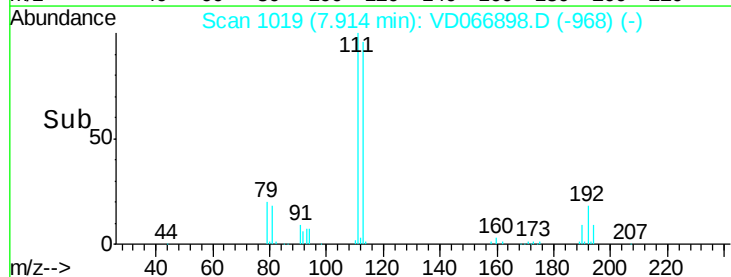
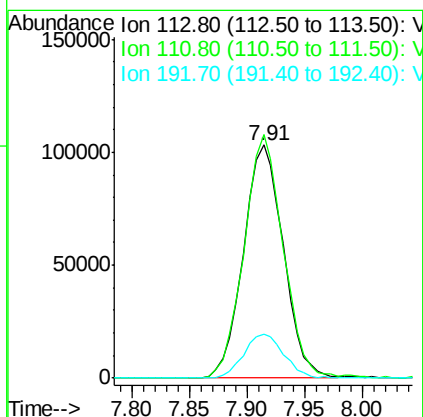
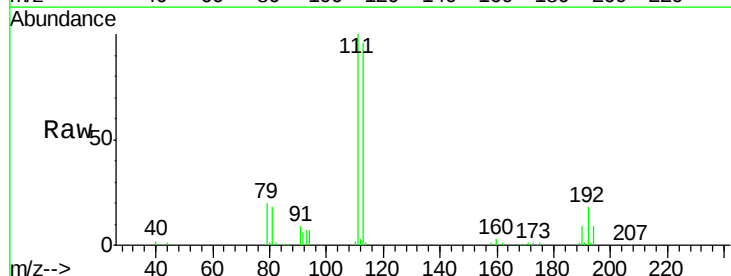
Instrument :
 MSVOA_D
 ClientSampleId :
 B-5(5-7)

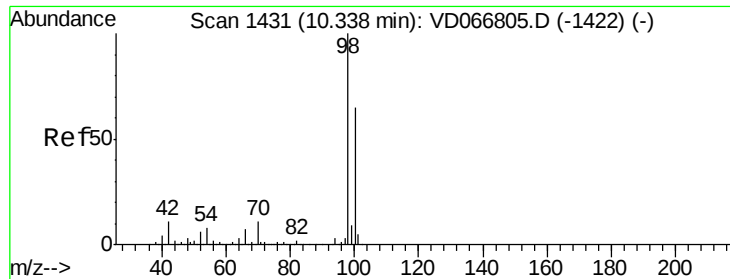
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	42.6
88	17.0	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 48.295 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066898.D
 Acq: 26 Sep 2020 04:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.8
192	19.0	14.4	21.6

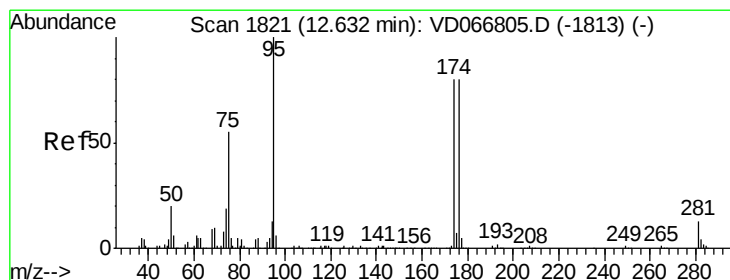
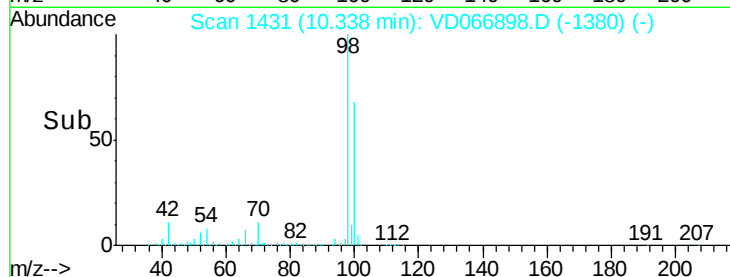
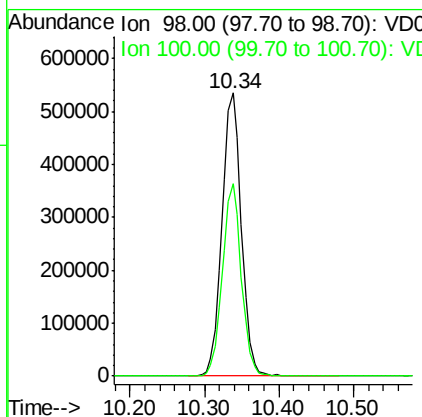
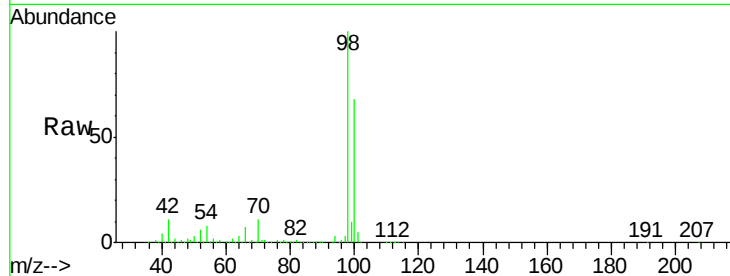




#50
Toluene-d8
Concen: 55.237 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066898.D
Acq: 26 Sep 2020 04:01

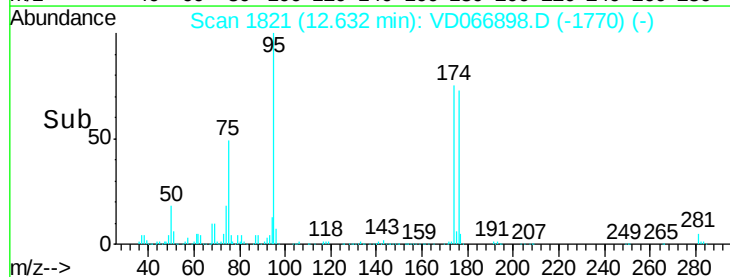
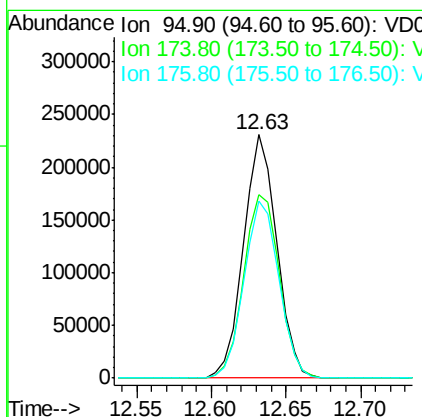
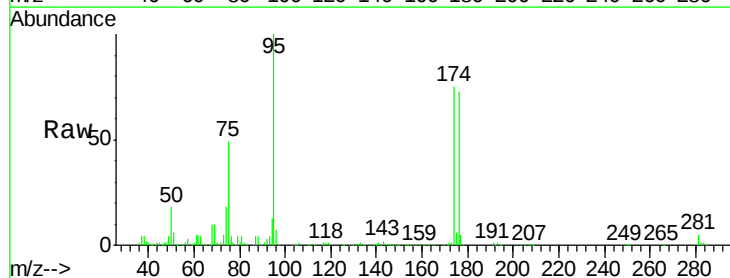
Instrument :
MSVOA_D
ClientSampleId :
B-5(5-7)

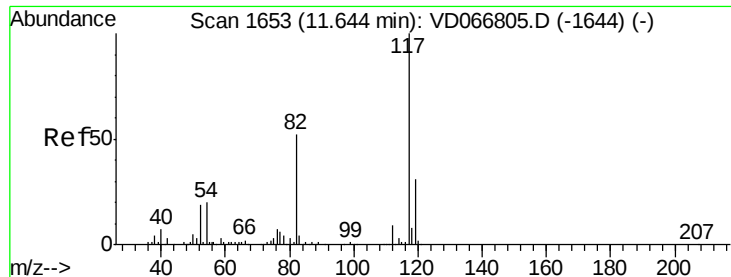
Tot Ion: 98 Resp: 969304
Ion Ratio Lower Upper
98 100
100 66.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 59.222 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066898.D
Acq: 26 Sep 2020 04:01

Tgt Ion: 95 Resp: 355767
Ion Ratio Lower Upper
95 100
174 80.8 0.0 159.8
176 76.2 0.0 154.4

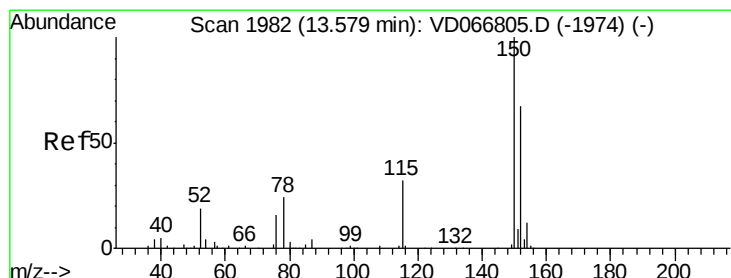
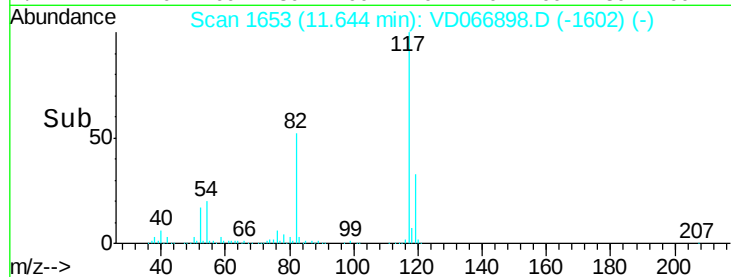
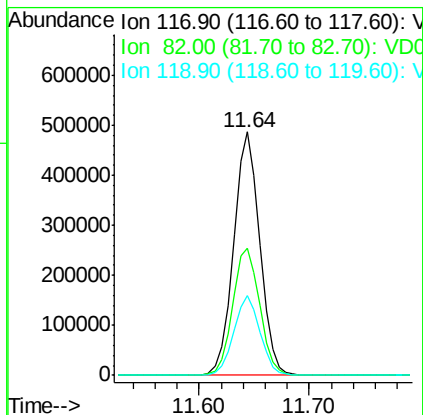
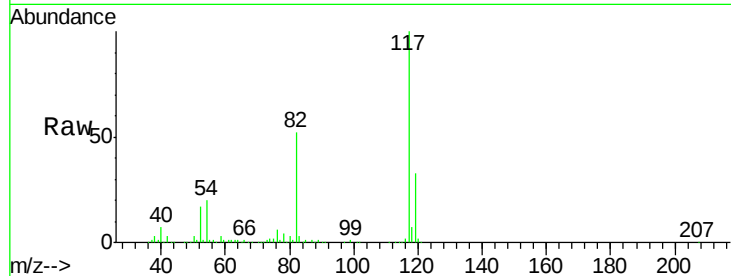




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066898.D
Acq: 26 Sep 2020 04:01

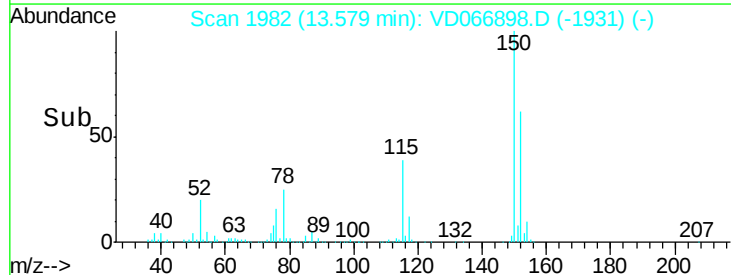
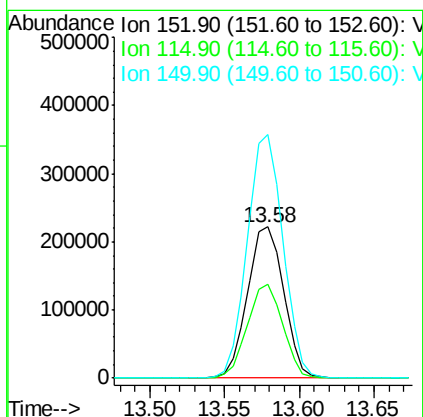
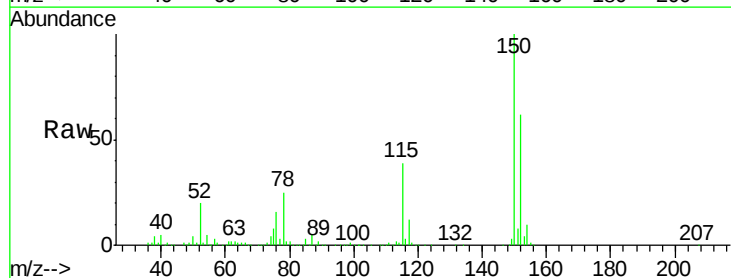
Instrument :
MSVOA_D
ClientSampleId :
B-5(5-7)

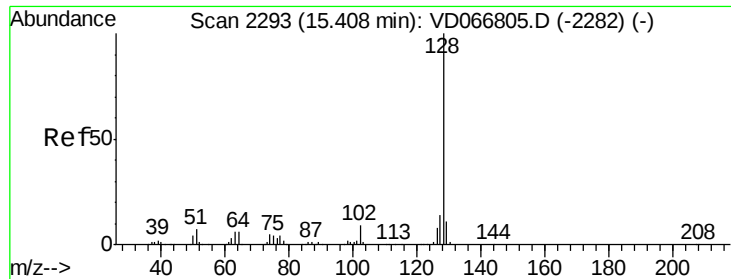
Tot Ion:117 Resp: 807555
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.6
119 32.5 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066898.D
Acq: 26 Sep 2020 04:01

Tgt Ion:152 Resp: 372874
Ion Ratio Lower Upper
152 100
115 60.8 30.3 91.0
150 158.7 0.0 346.2





#95
 Naphthalene
 Concen: 5.635 ug/l
 RT: 15.40 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: VD066898.D
 Acq: 26 Sep 2020 04:01

Instrument :
 MSVOA_D
 ClientSampleId :
 B-5(5-7)

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	10.6	8.9	13.3

