

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021220\  
 Data File : VD065158.D  
 Acq On : 12 Feb 2020 10:53  
 Operator : VA/SY  
 Sample : VD0212SBL01  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0212SBL01

Quant Time: Feb 13 06:14:14 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D020520S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 05 15:53:00 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	509534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	825778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	878304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	437520	50.00	ug/l	0.00

## System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	239839	55.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.76%	
35) Dibromofluoromethane	7.92	113	253801	55.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.18%	
50) Toluene-d8	10.34	98	1027421	56.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	112.06%	
62) 4-Bromofluorobenzene	12.64	95	390815	67.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	134.52%	

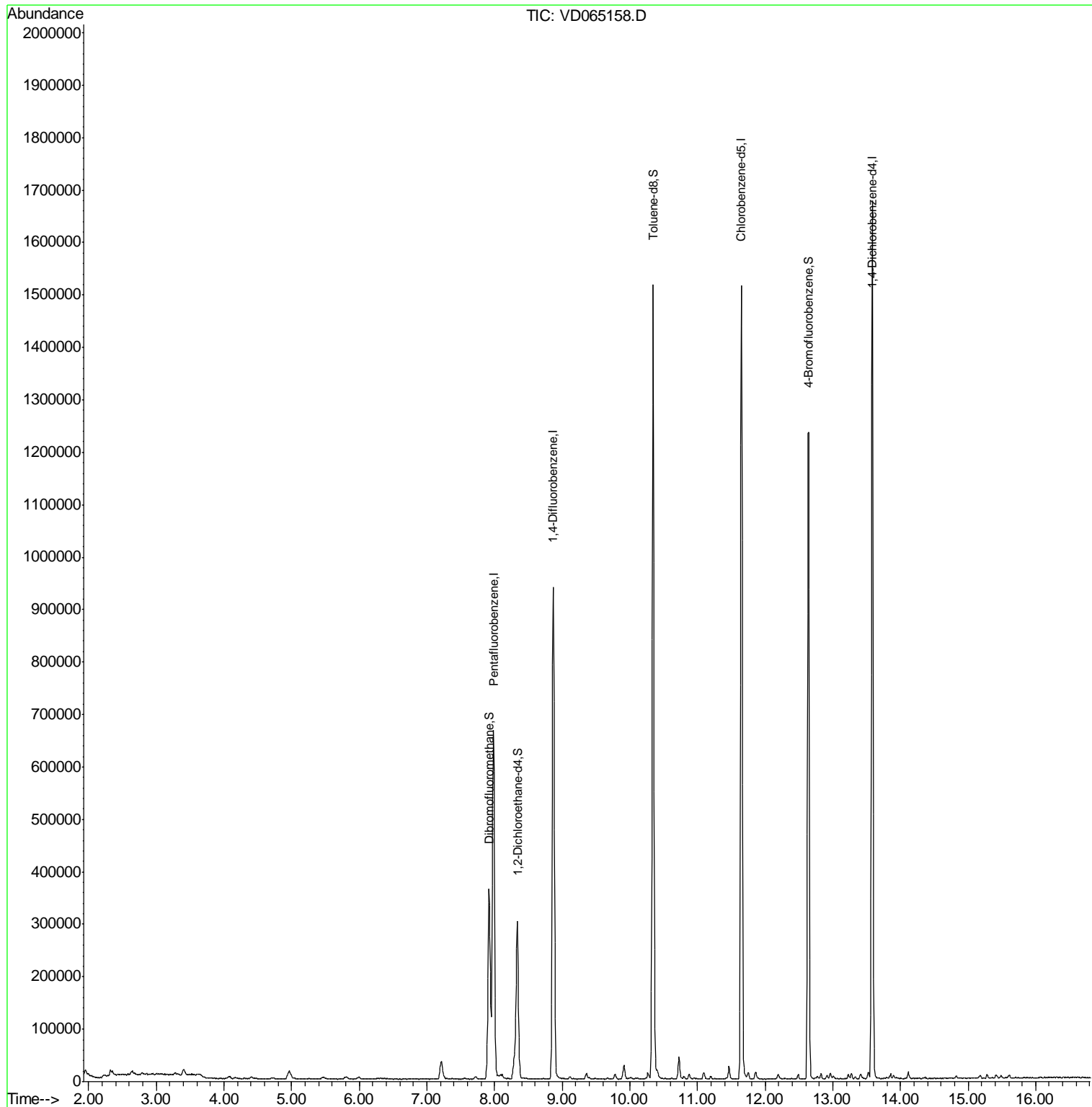
Target Compounds	Qvalue
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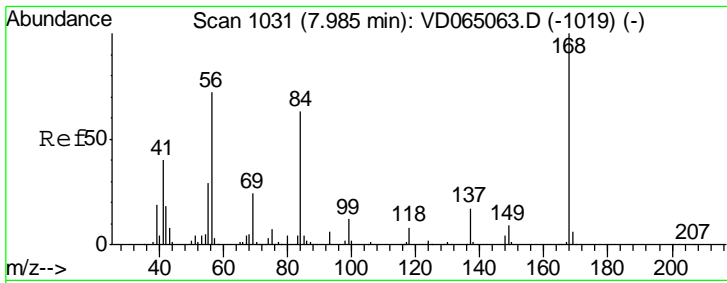
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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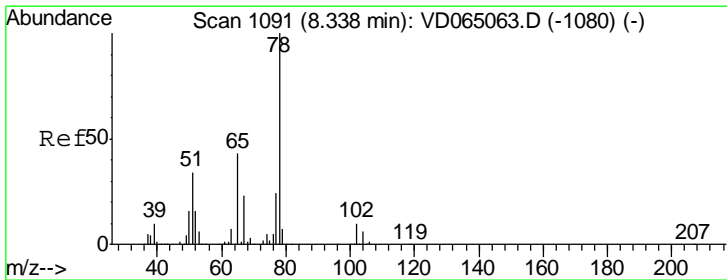
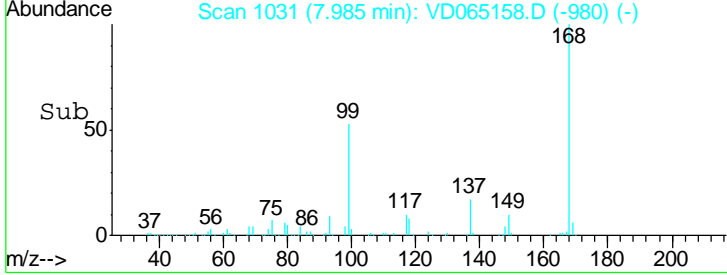
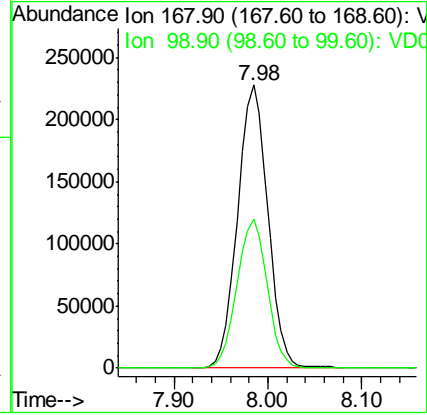
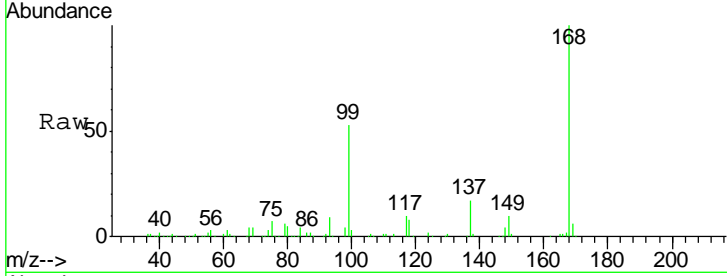




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.98 min Scan# 1031  
 Delta R.T. -0.00 min  
 Lab File: VD065158.D  
 Acq: 12 Feb 2020 10:53

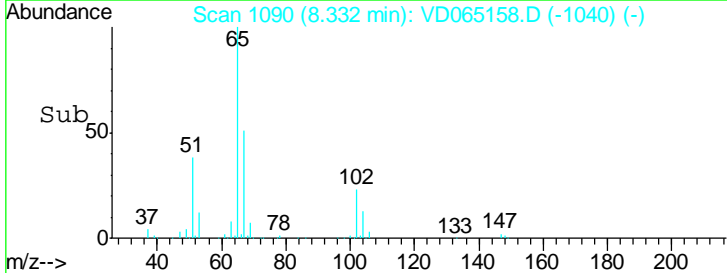
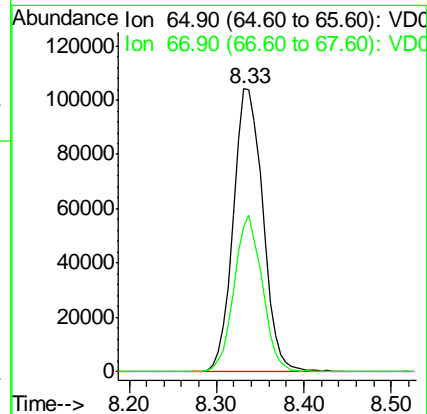
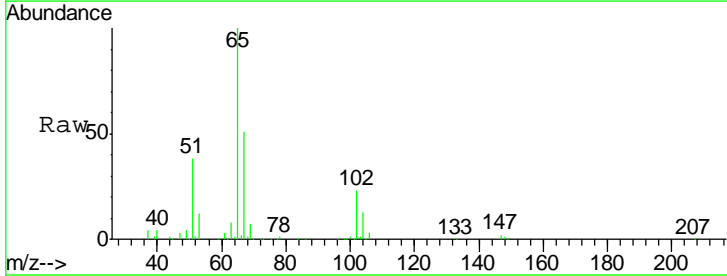
Instrument : MSVOA\_D  
 ClientSampled : VD0212SBL01

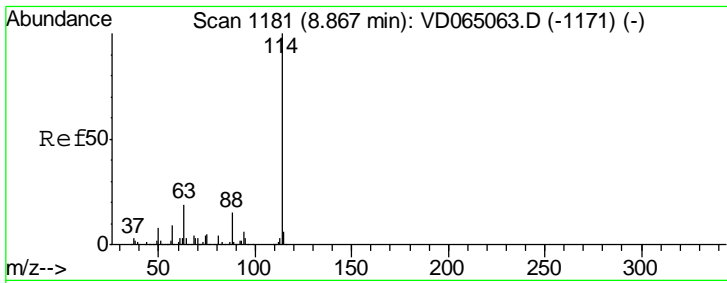
Tgt Ion: 168 Resp: 509534  
 Ion Ratio Lower Upper  
 168 100  
 99 52.3 41.0 61.6



#33  
 1,2-Dichloroethane-d4  
 Concen: 55.382 ug/l  
 RT: 8.33 min Scan# 1090  
 Delta R.T. -0.01 min  
 Lab File: VD065158.D  
 Acq: 12 Feb 2020 10:53

Tgt Ion: 65 Resp: 239839  
 Ion Ratio Lower Upper  
 65 100  
 67 52.9 0.0 105.8

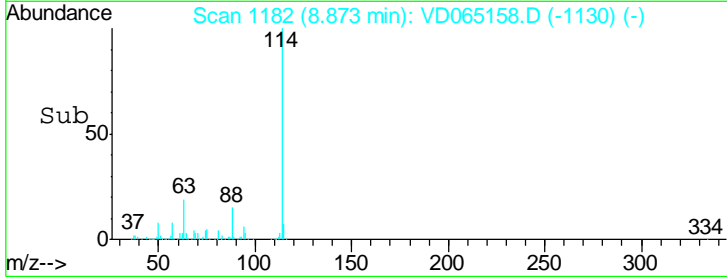
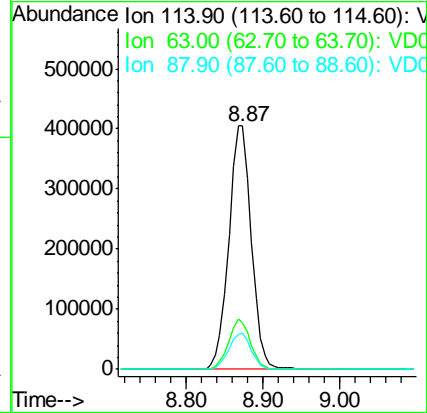
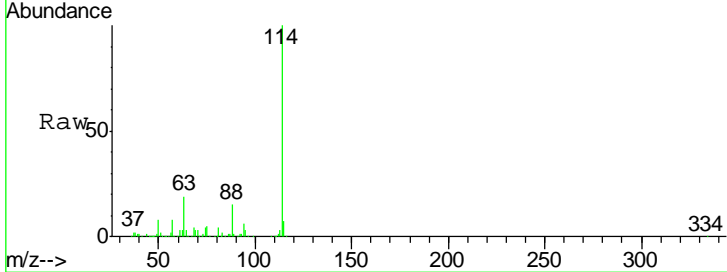




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.87 min Scan# 1182  
 Delta R.T. 0.01 min  
 Lab File: VD065158.D  
 Acq: 12 Feb 2020 10:53

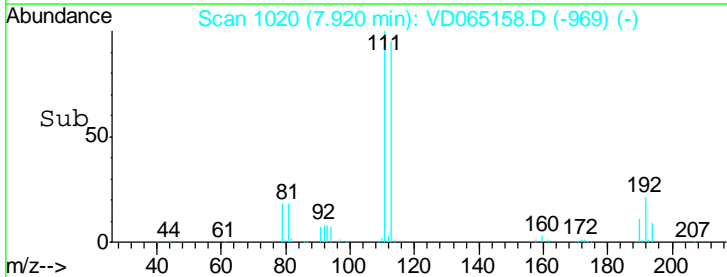
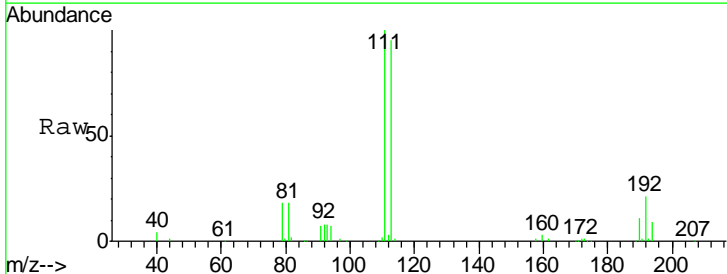
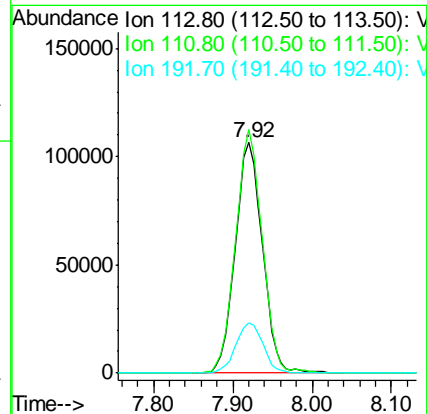
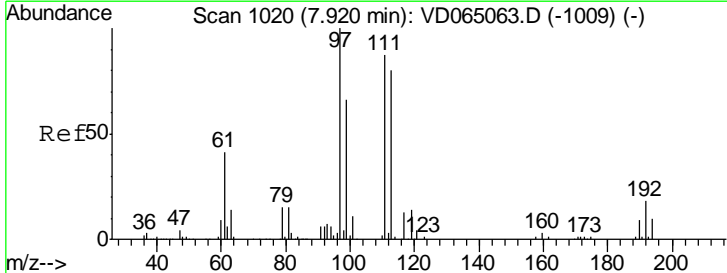
Instrument :  
 MSVOA\_D  
 ClientSampled :  
 VD0212SBL01

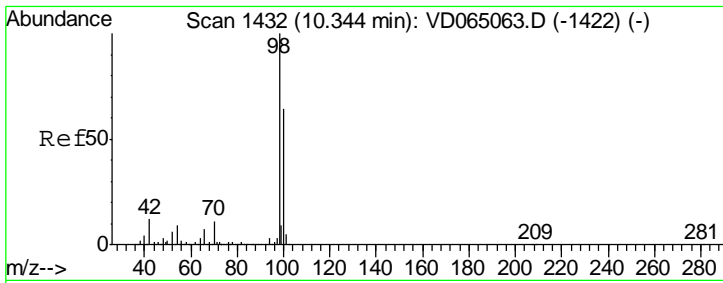
Tgt Ion	Resp	Lower	Upper
114	100		
63	19.2	0.0	38.8
88	14.9	0.0	29.6



#35  
 Dibromofluoromethane  
 Concen: 55.086 ug/l  
 RT: 7.92 min Scan# 1020  
 Delta R.T. -0.00 min  
 Lab File: VD065158.D  
 Acq: 12 Feb 2020 10:53

Tgt Ion	Resp	Lower	Upper
113	100		
111	103.7	83.1	124.7
192	21.8	18.1	27.1

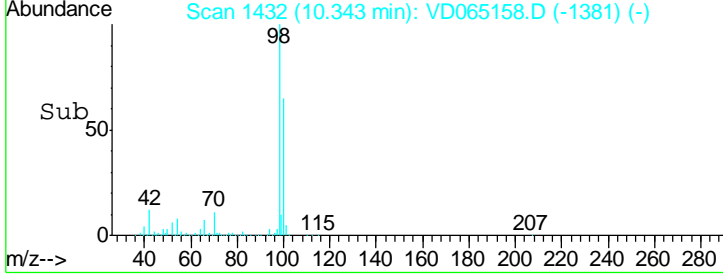
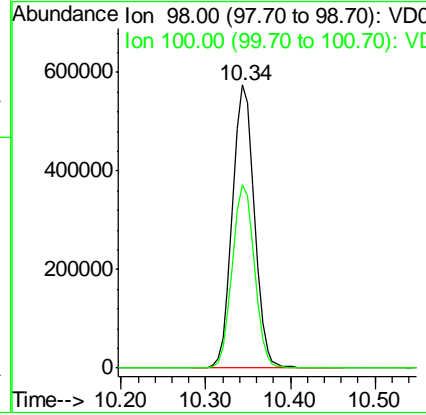
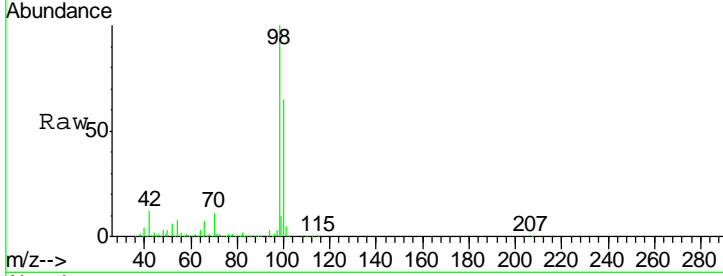




#50  
 Toluene-d8  
 Concen: 56.025 ug/l  
 RT: 10.34 min Scan# 1432  
 Delta R.T. -0.00 min  
 Lab File: VD065158.D  
 Acq: 12 Feb 2020 10:53

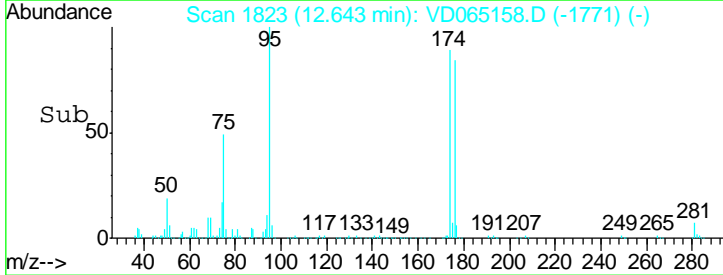
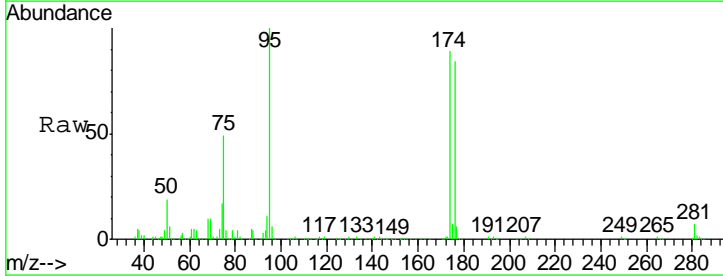
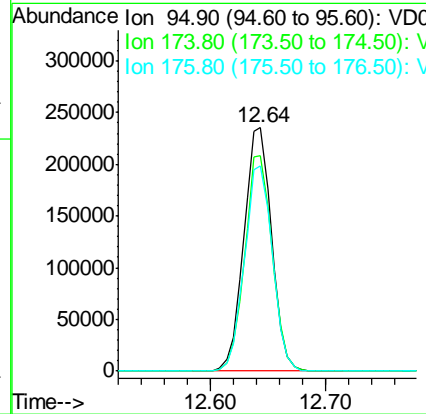
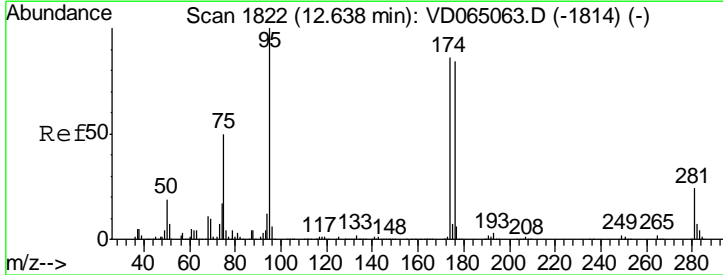
Instrument : MSVOA\_D  
 ClientSampled : VD0212SBL01

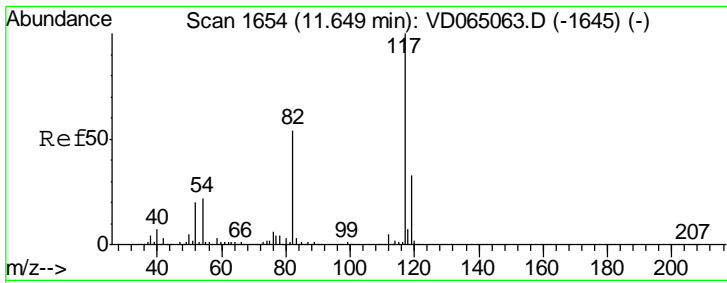
Tgt Ion: 98 Resp: 1027421  
 Ion Ratio Lower Upper  
 98 100  
 100 65.2 52.1 78.1



#62  
 4-Bromofluorobenzene  
 Concen: 67.257 ug/l  
 RT: 12.64 min Scan# 1823  
 Delta R.T. 0.01 min  
 Lab File: VD065158.D  
 Acq: 12 Feb 2020 10:53

Tgt Ion: 95 Resp: 390815  
 Ion Ratio Lower Upper  
 95 100  
 174 88.3 0.0 180.0  
 176 85.2 0.0 173.2

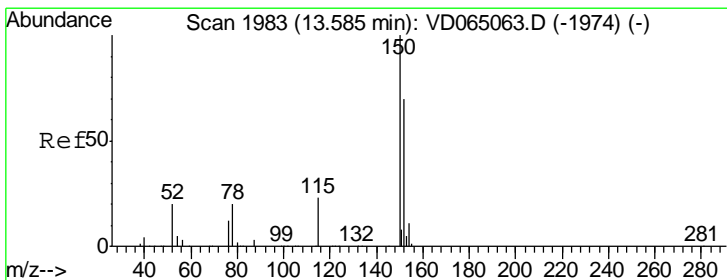
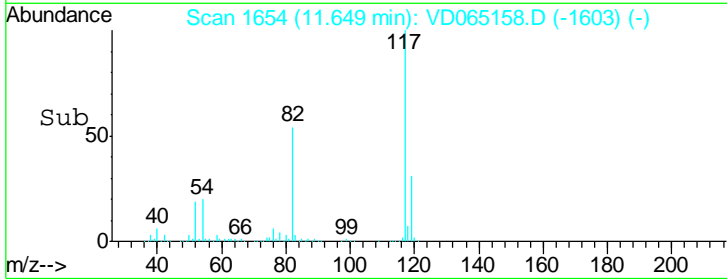
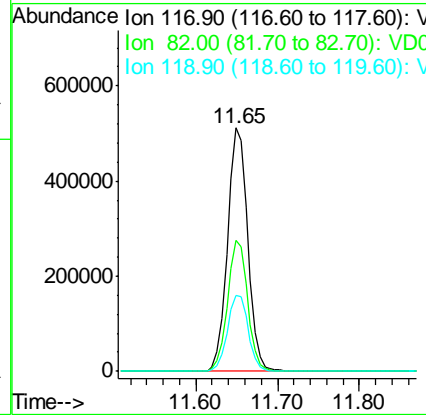
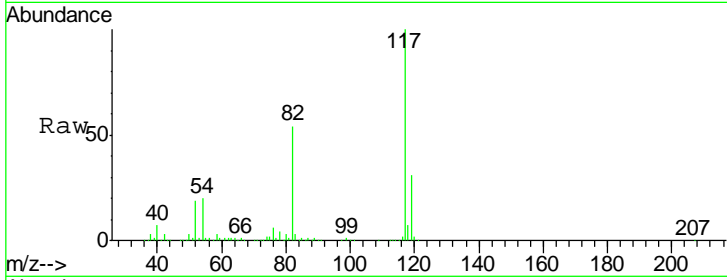




#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.65 min Scan# 1654  
 Delta R.T. -0.00 min  
 Lab File: VD065158.D  
 Acq: 12 Feb 2020 10:53

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 VD0212SBL01

Tgt Ion	Resp	Lower	Upper
117	100		
82	53.9	43.1	64.7
119	31.1	26.0	39.0



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.58 min Scan# 1983  
 Delta R.T. -0.00 min  
 Lab File: VD065158.D  
 Acq: 12 Feb 2020 10:53

Tgt Ion	Resp	Lower	Upper
152	100		
115	56.0	27.5	82.4
150	159.0	0.0	343.2

