

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
 Data File : VD058282.D
 Acq On : 22 Jun 2018 7:10
 Operator : VA/AP
 Sample : J3594-07
 Misc : 6.91g/5ml/MSVOA D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HC-SOIL-4

Quant Time: Jun 22 08:31:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	3365	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.70	114	7210	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.70	117	8891	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	3643	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	5671	166.85	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	333.70%	
35) Dibromofluoromethane	5.54	113	1288	21.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	43.90%	
50) Toluene-d8	8.71	98	7319	51.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	11.94	95	4661	80.37	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	160.74%	

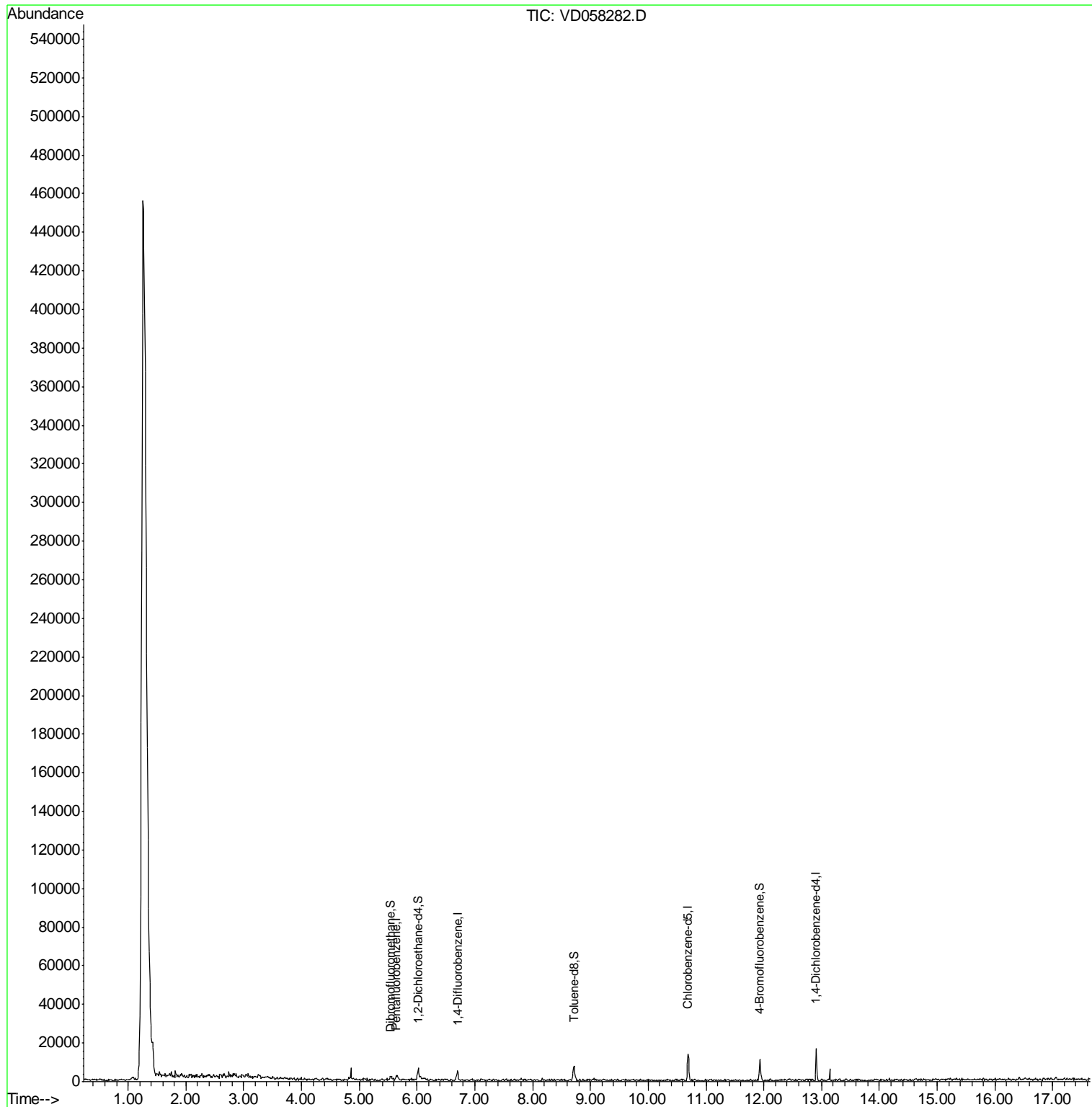
Target Compounds Qvalue

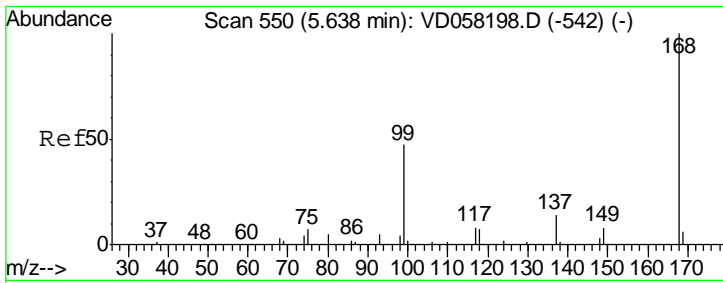
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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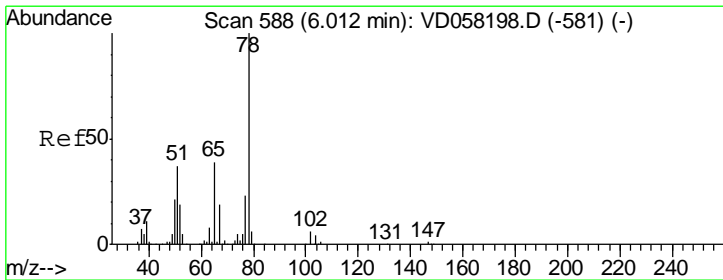
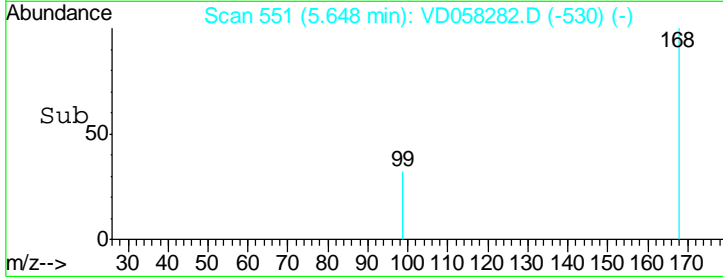
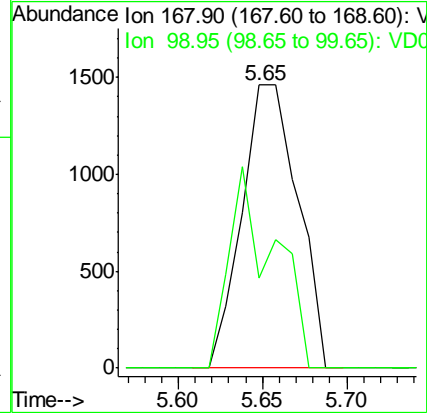
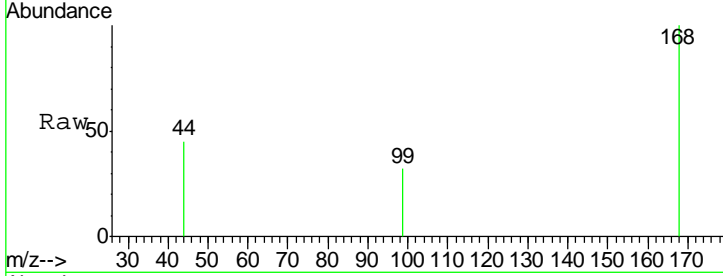




#1
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.65 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: VD058282.D
 Acq: 22 Jun 2018 7:10

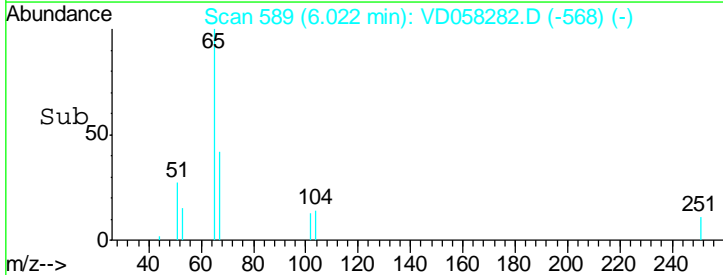
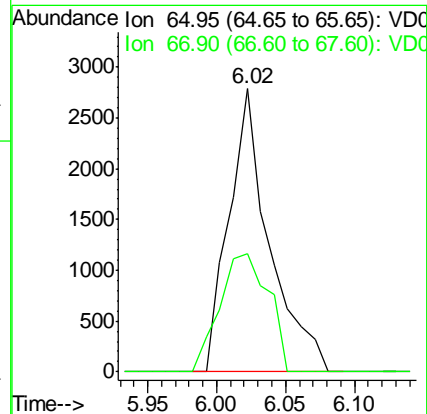
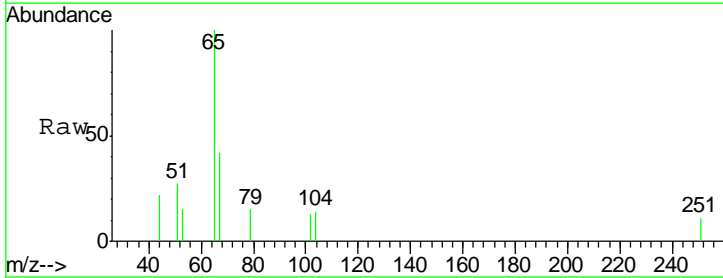
Instrument :
 MSVOA_D
 ClientSampled :
 HC-SOIL-4

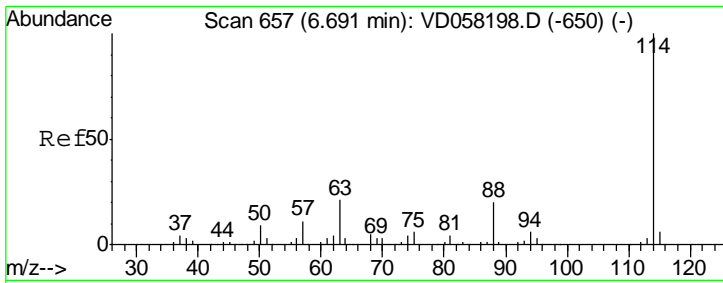
Tgt Ion: 168 Resp: 3365
 Ion Ratio Lower Upper
 168 100
 99 32.0 41.1 61.7#



#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. 0.01 min
 Lab File: VD058282.D
 Acq: 22 Jun 2018 7:10

Tgt Ion: 65 Resp: 5671
 Ion Ratio Lower Upper
 65 100
 67 41.6 0.0 97.8

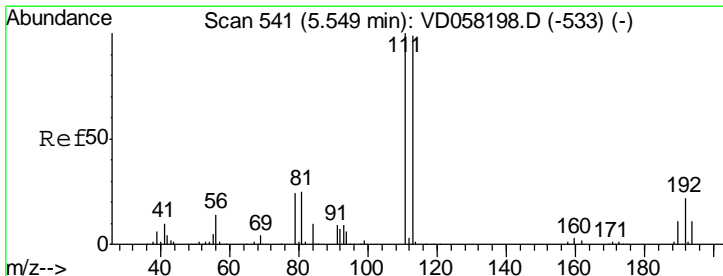
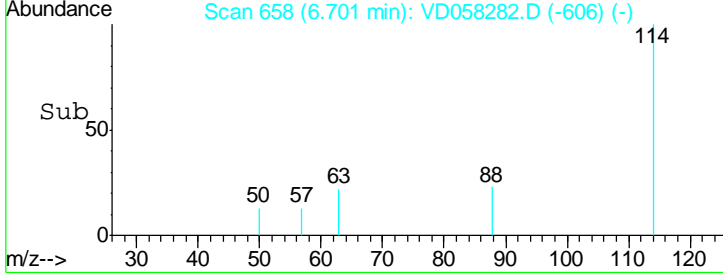
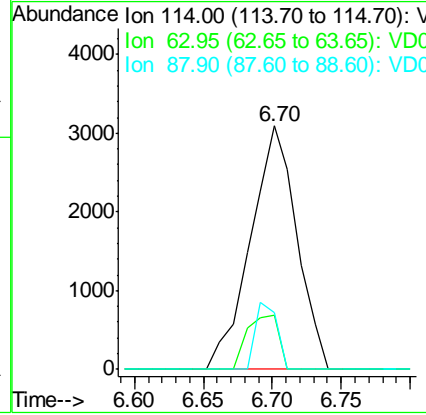
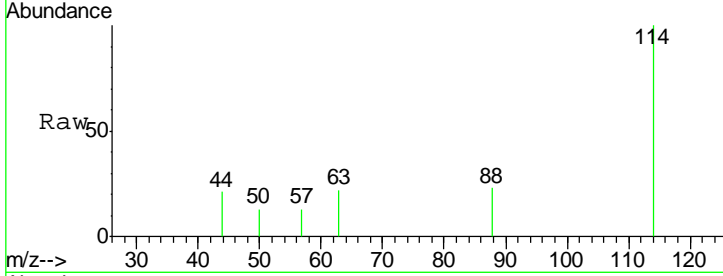




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VD058282.D
 Acq: 22 Jun 2018 7:10

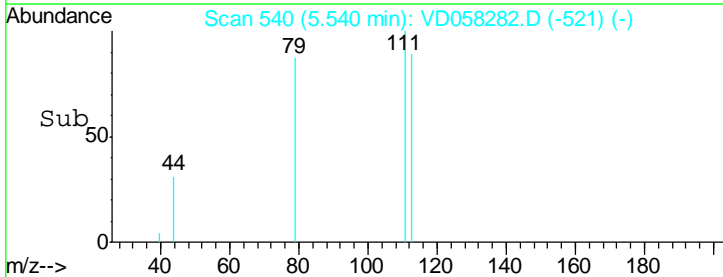
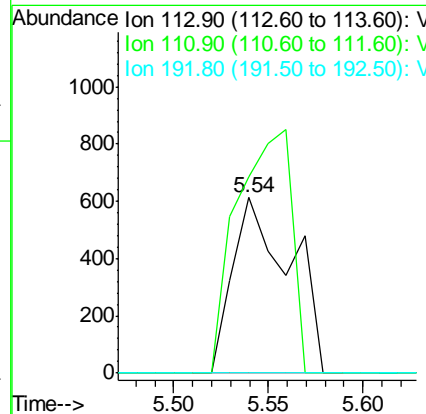
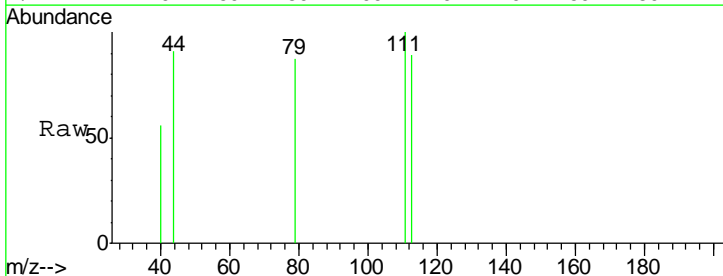
Instrument :
 MSVOA_D
 ClientSampled :
 HC-SOIL-4

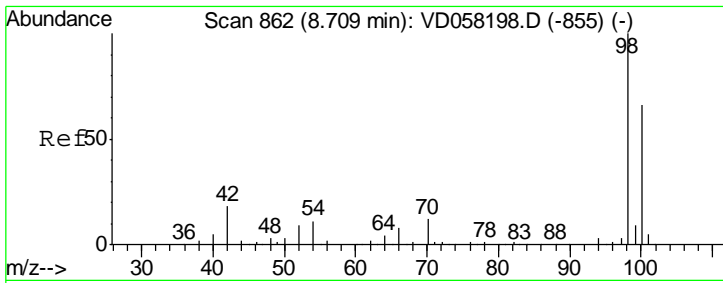
Tgt Ion	Resp	Lower	Upper
114	7210		
63	22.3	0.0	42.6
88	23.1	0.0	40.6



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: VD058282.D
 Acq: 22 Jun 2018 7:10

Tgt Ion	Resp	Lower	Upper
113	1288		
111	111.9	80.6	121.0
192	0.0	17.8	26.6#

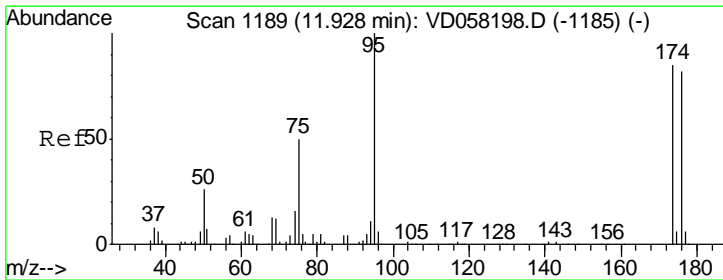
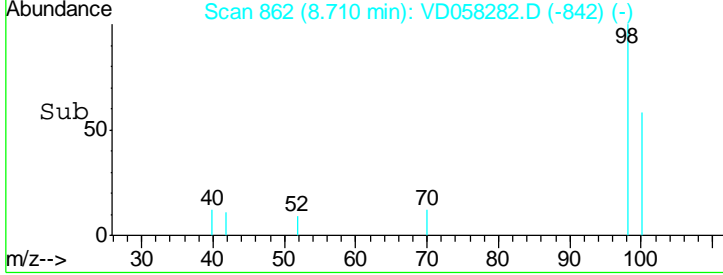
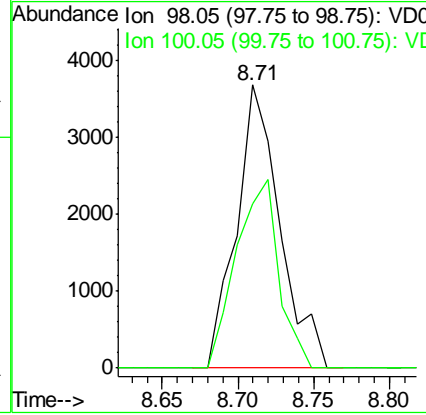
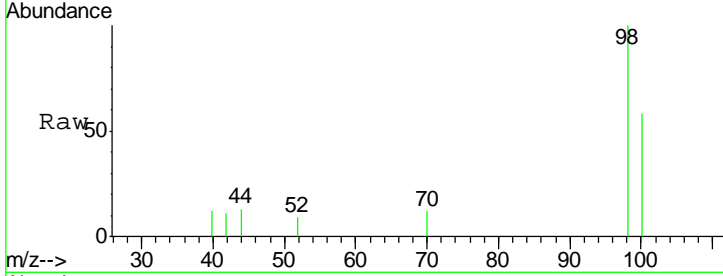




#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.71 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VD058282.D
 Acq: 22 Jun 2018 7:10

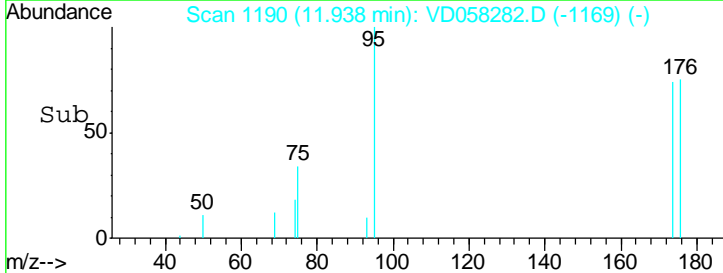
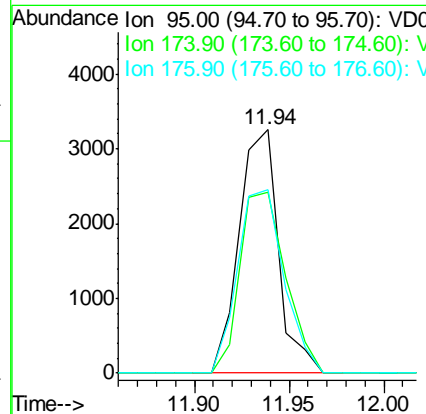
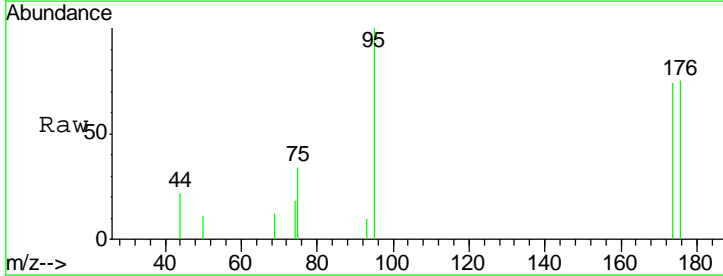
Instrument :
 MSVOA_D
 ClientSampled :
 HC-SOIL-4

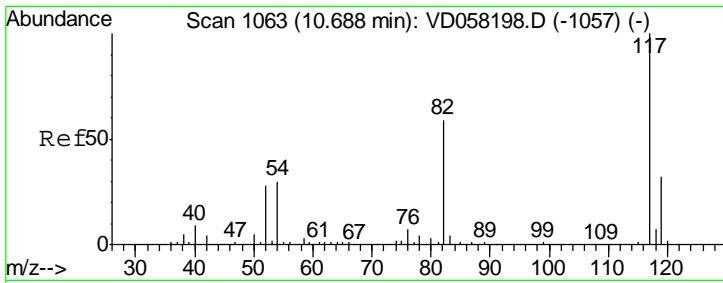
Tgt Ion: 98 Resp: 7319
 Ion Ratio Lower Upper
 98 100
 100 58.3 53.6 80.4



#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 11.94 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: VD058282.D
 Acq: 22 Jun 2018 7:10

Tgt Ion: 95 Resp: 4661
 Ion Ratio Lower Upper
 95 100
 174 74.2 0.0 170.2
 176 75.3 0.0 164.6

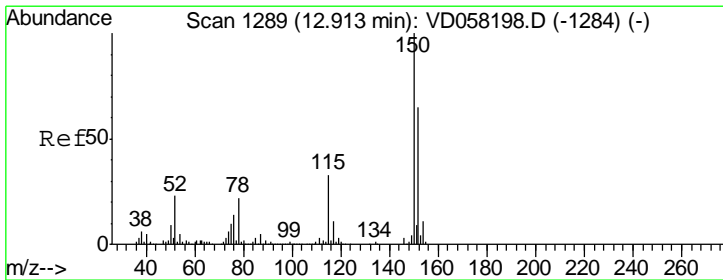
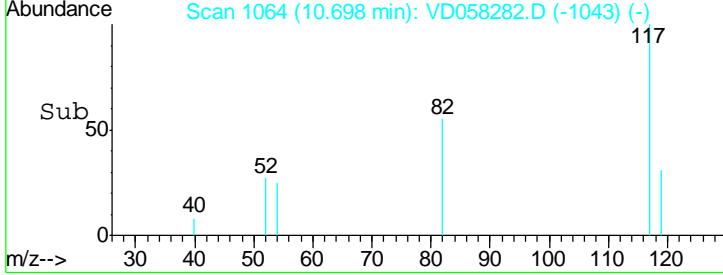
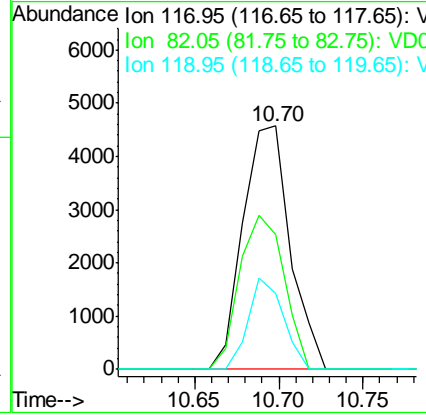
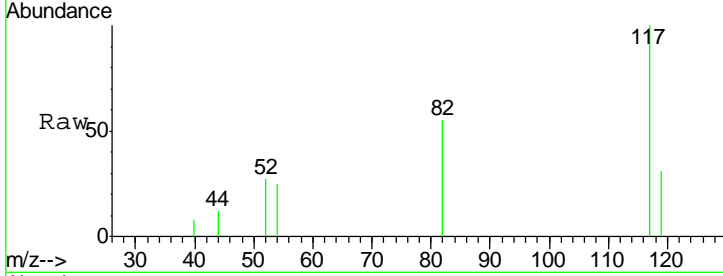




#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.70 min Scan# 1064
 Delta R.T. 0.01 min
 Lab File: VD058282.D
 Acq: 22 Jun 2018 7:10

Instrument :
 MSVOA_D
 ClientSampled :
 HC-SOIL-4

Tgt Ion	Resp	Lower	Upper
117	100		
82	55.5	47.0	70.6
119	31.1	25.3	37.9



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.90 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VD058282.D
 Acq: 22 Jun 2018 7:10

Tgt Ion	Resp	Lower	Upper
152	100		
115	80.6	25.1	75.3#
150	175.5	0.0	308.8

