

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073018\
 Data File : VD059641.D
 Acq On : 31 Jul 2018 1:59
 Operator : VA/AP
 Sample : J3831-03
 Misc : 5.74g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 SU-03-072718

Quant Time: Jul 31 07:32:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	134558	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.67	114	171685	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.68	117	110370	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	49380	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	101096	59.76	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	119.52%	
35) Dibromofluoromethane	5.53	113	89042	60.46	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	120.92%	
50) Toluene-d8	8.70	98	137028	41.02	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	82.04%	
62) 4-Bromofluorobenzene	11.93	95	66309	44.06	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	88.12%	

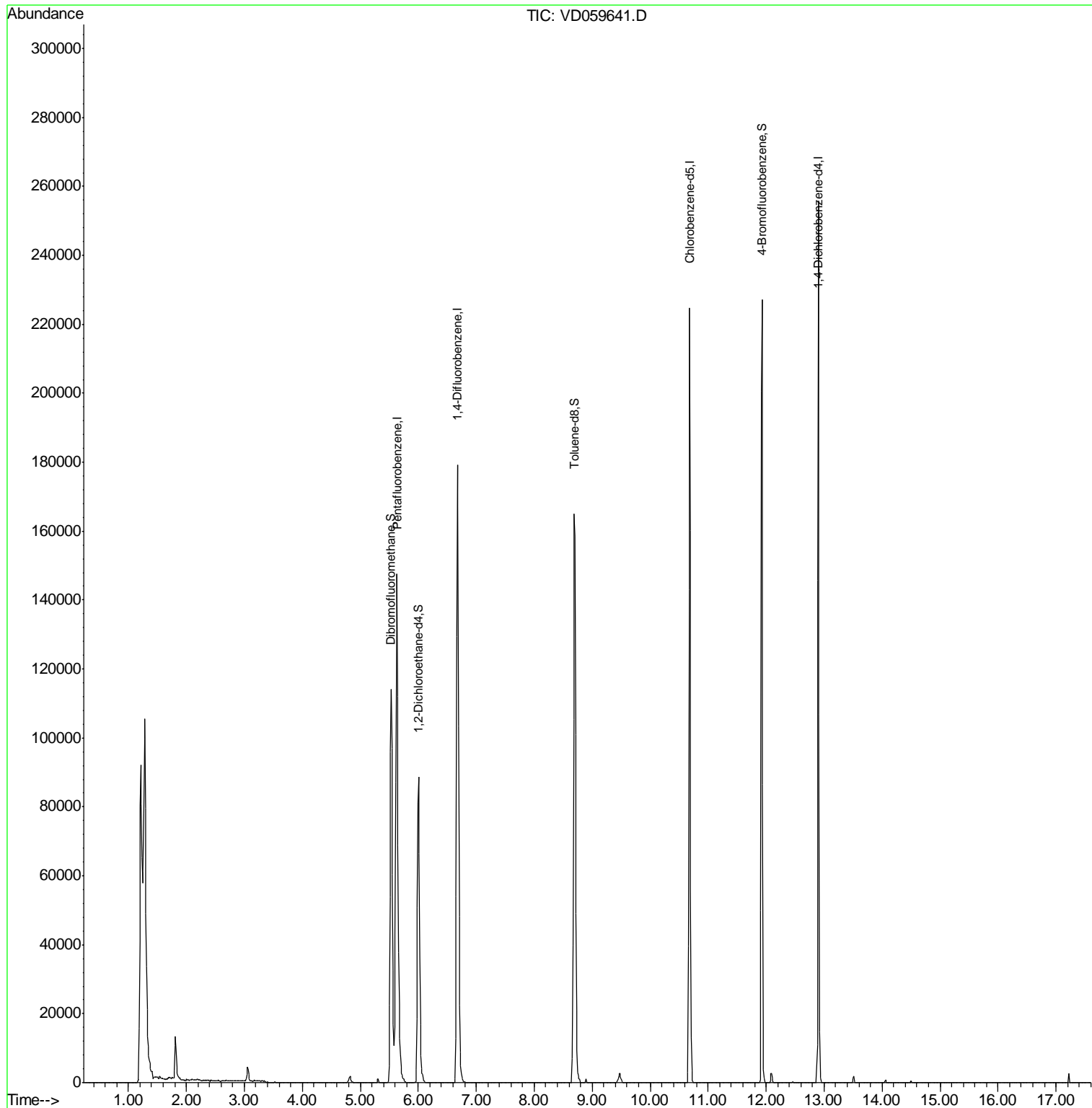
Target Compounds Qvalue

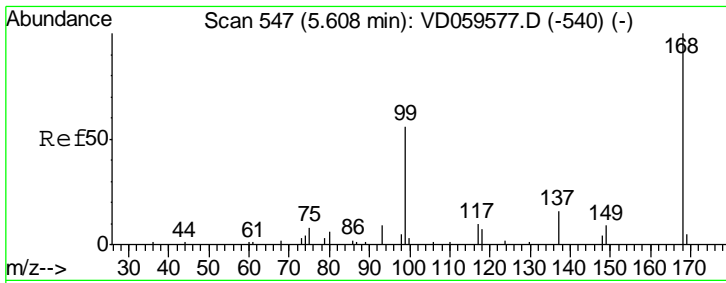
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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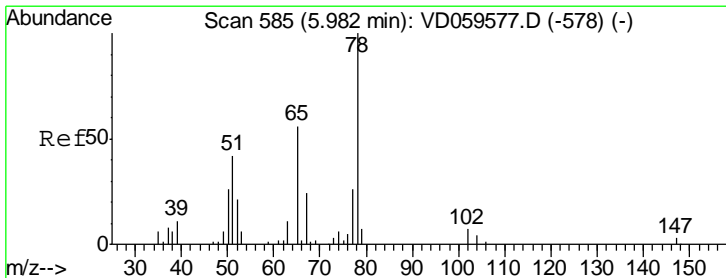
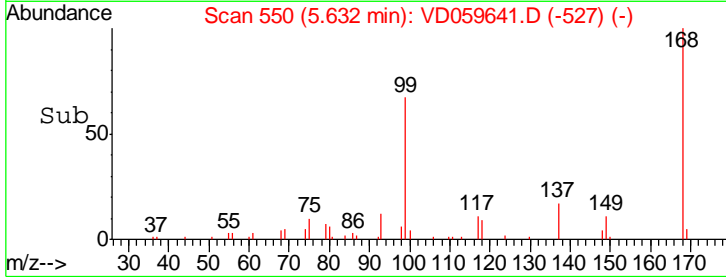
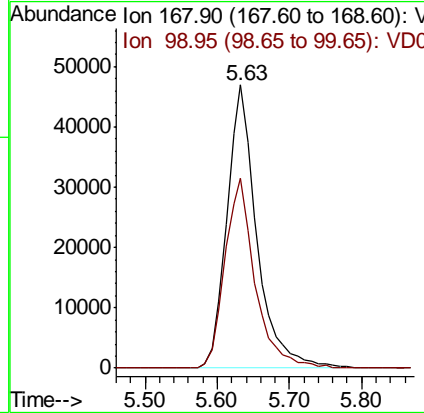
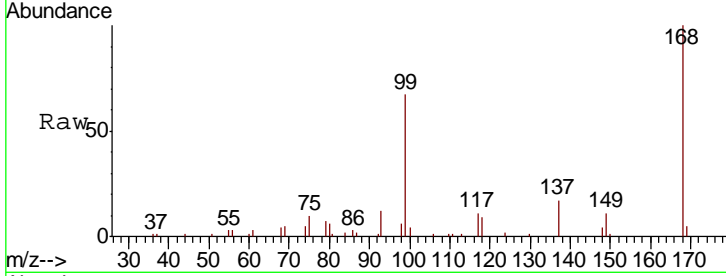




#1
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.63 min Scan# 550
 Delta R.T. 0.02 min
 Lab File: VD059641.D
 Acq: 31 Jul 2018 1:59

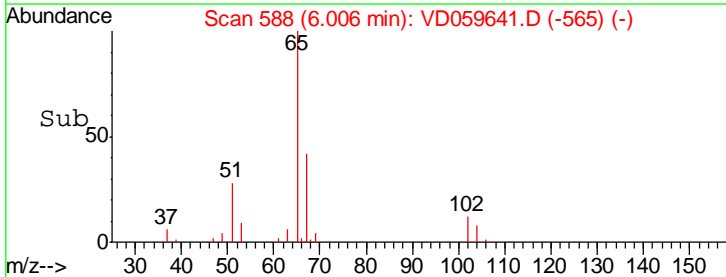
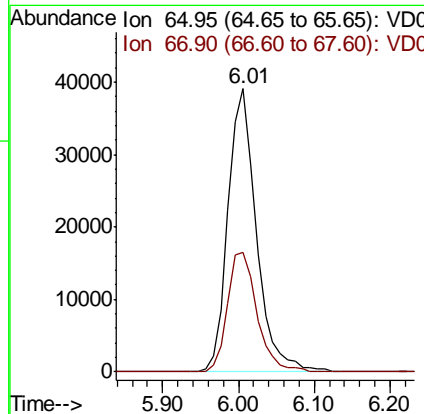
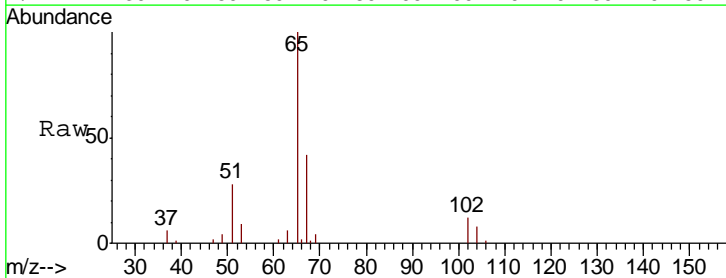
Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-072718

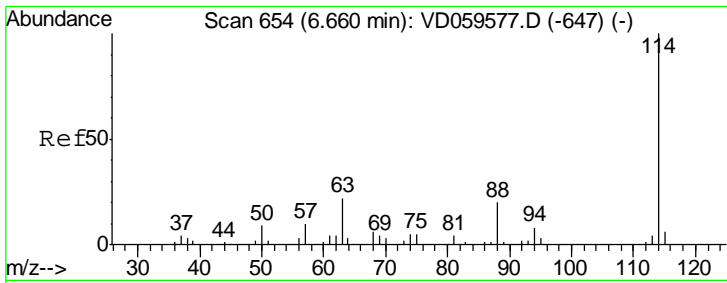
Tgt Ion: 168 Resp: 134558
 Ion Ratio Lower Upper
 168 100
 99 67.0 47.3 70.9



#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.01 min Scan# 588
 Delta R.T. 0.02 min
 Lab File: VD059641.D
 Acq: 31 Jul 2018 1:59

Tgt Ion: 65 Resp: 101096
 Ion Ratio Lower Upper
 65 100
 67 42.2 0.0 86.4

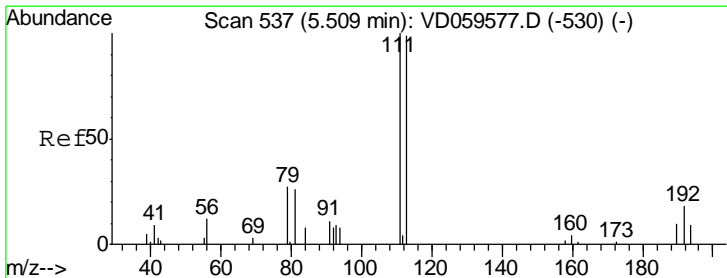
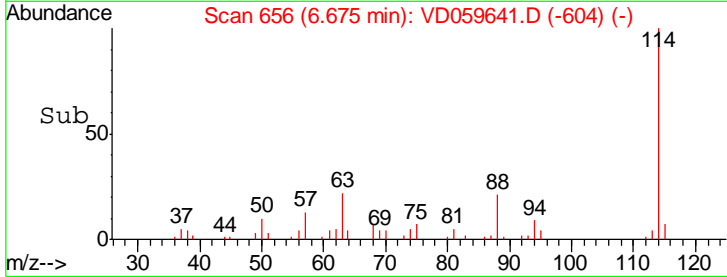
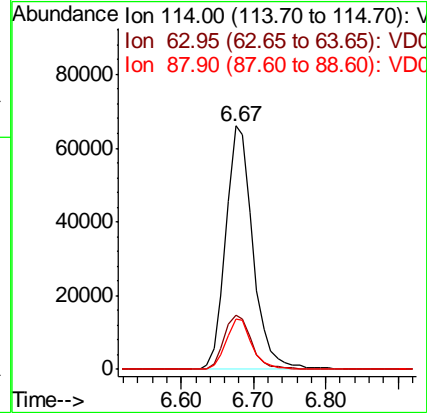
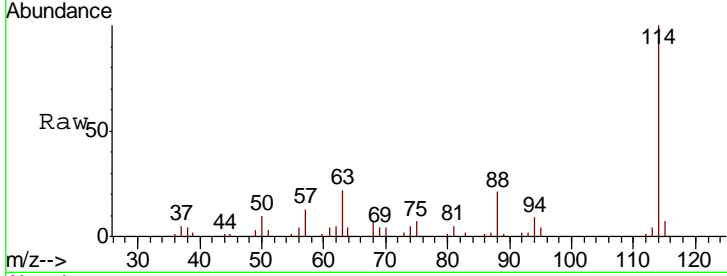




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.67 min Scan# 656
 Delta R.T. 0.01 min
 Lab File: VD059641.D
 Acq: 31 Jul 2018 1:59

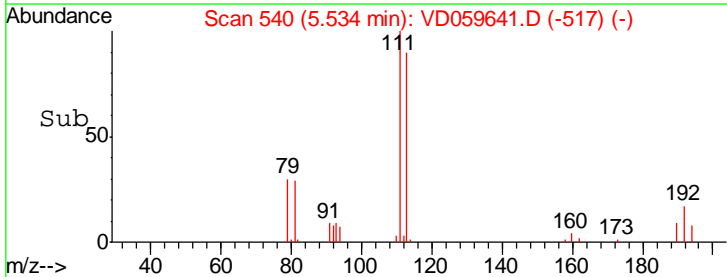
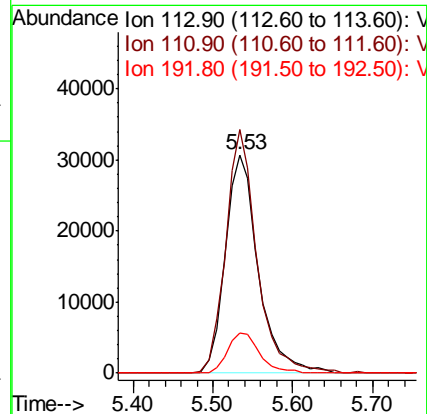
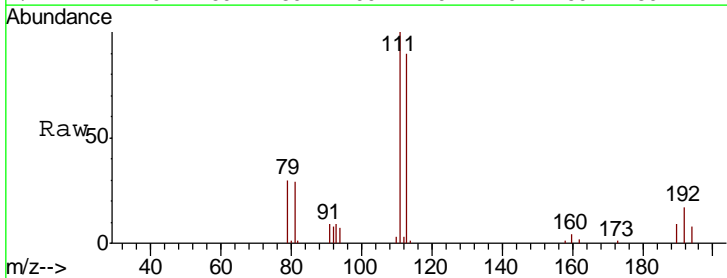
Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-072718

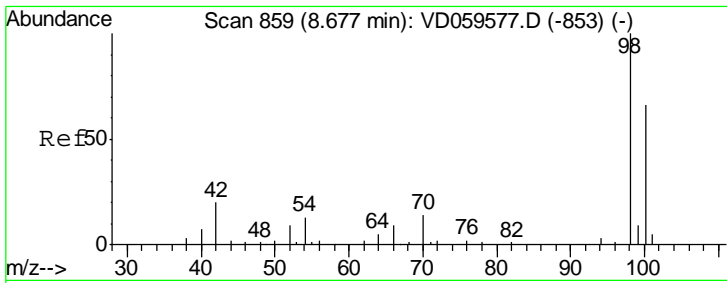
Tgt Ion	Resp	Lower	Upper
114	171685		
63	22.4	0.0	43.8
88	20.9	0.0	39.0



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.53 min Scan# 540
 Delta R.T. 0.02 min
 Lab File: VD059641.D
 Acq: 31 Jul 2018 1:59

Tgt Ion	Resp	Lower	Upper
113	89042		
111	111.5	80.5	120.7
192	18.6	14.5	21.7

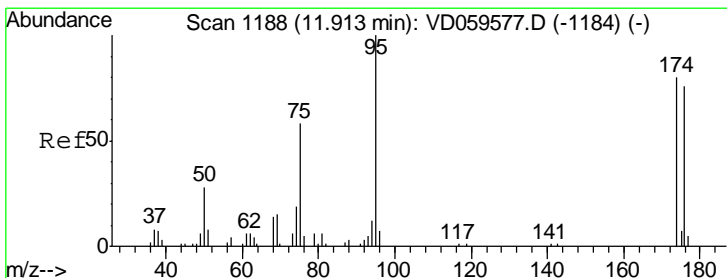
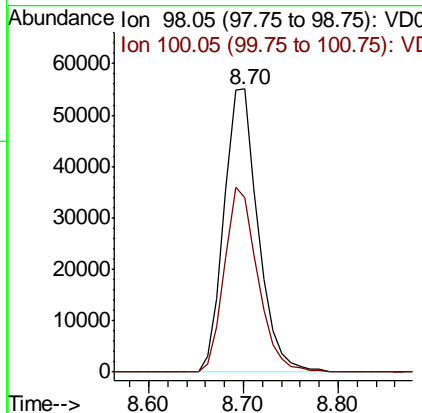
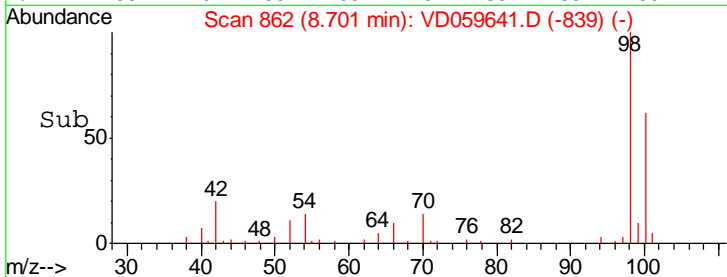
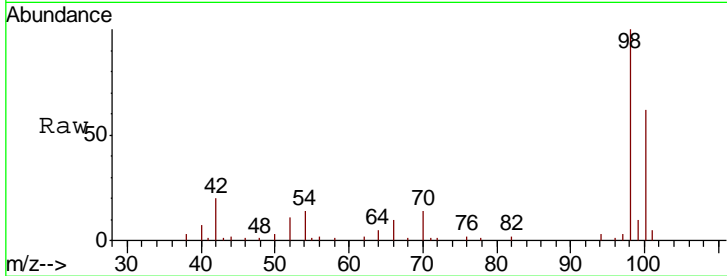




#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.70 min Scan# 862
 Delta R.T. 0.02 min
 Lab File: VD059641.D
 Acq: 31 Jul 2018 1:59

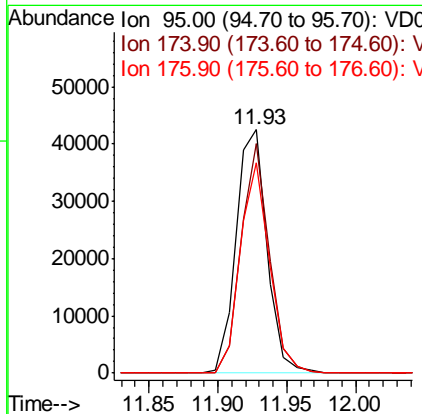
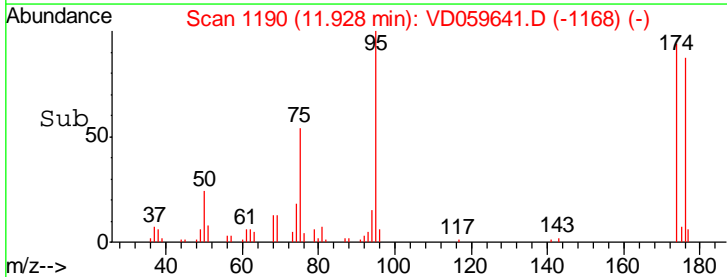
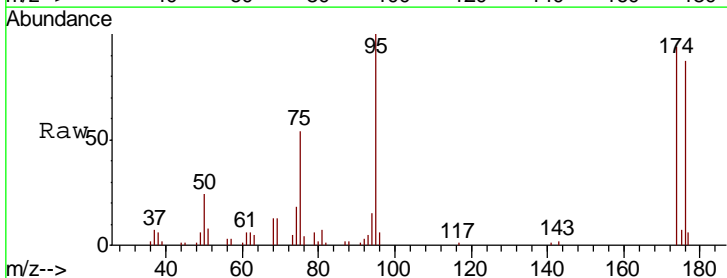
Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-072718

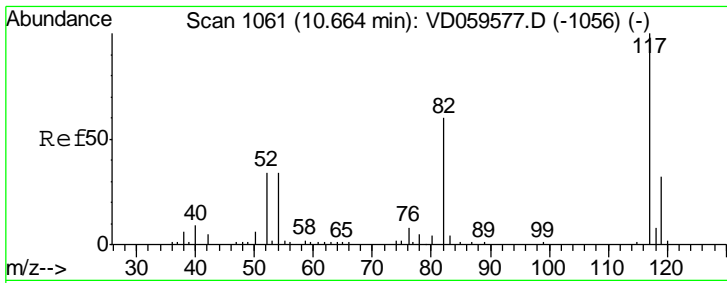
Tgt Ion: 98 Resp: 137028
 Ion Ratio Lower Upper
 98 100
 100 61.7 53.2 79.8



#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 11.93 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: VD059641.D
 Acq: 31 Jul 2018 1:59

Tgt Ion: 95 Resp: 66309
 Ion Ratio Lower Upper
 95 100
 174 94.0 0.0 160.6
 176 86.6 0.0 152.8

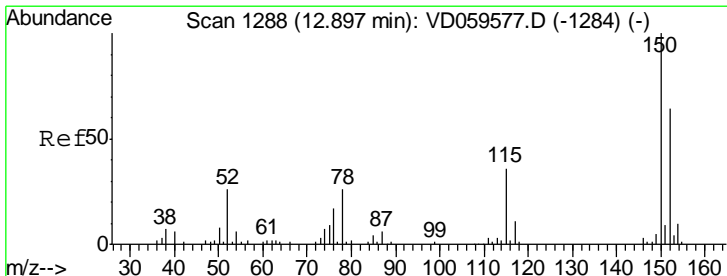
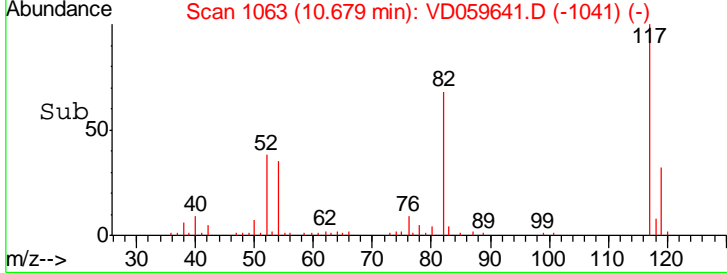
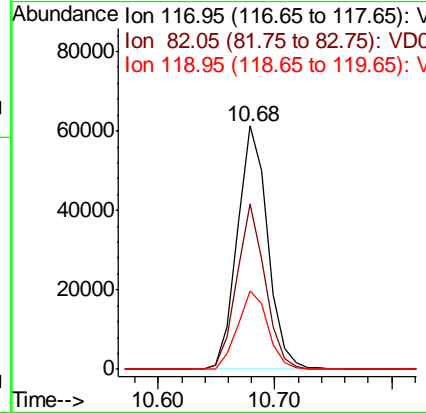
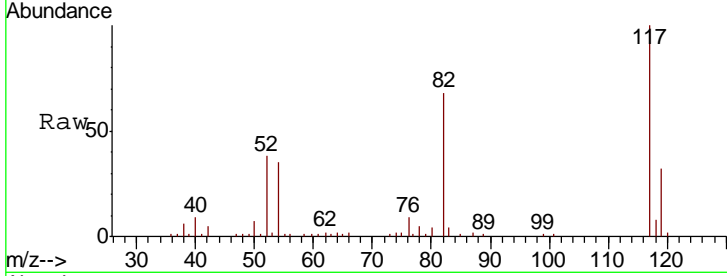




#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.68 min Scan# 1063
 Delta R.T. 0.01 min
 Lab File: VD059641.D
 Acq: 31 Jul 2018 1:59

Instrument : MSVOA_D
 ClientSampled : SU-03-072718

Tgt Ion	Resp	Lower	Upper
117	110370		
82	67.7	48.2	72.2
119	32.3	25.4	38.2



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.90 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VD059641.D
 Acq: 31 Jul 2018 1:59

Tgt Ion	Resp	Lower	Upper
152	49380		
115	57.3	29.5	88.6
150	154.2	0.0	314.4

