

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081318\
 Data File : VD059760.D
 Acq On : 14 Aug 2018 3:45
 Operator : VA/AP
 Sample : J4449-01
 Misc : 4.08g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TILCON-MH-001

Quant Time: Aug 14 12:01:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 05:42:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	214110	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.70	114	252081	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.69	117	213731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	117324	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	152423	45.48	ug/l	0.02
Spiked Amount			Recovery	=	90.96%	
35) Dibromofluoromethane	5.55	113	126173	48.61	ug/l	0.02
Spiked Amount			Recovery	=	97.22%	
50) Toluene-d8	8.71	98	224493	43.60	ug/l	0.02
Spiked Amount			Recovery	=	87.20%	
62) 4-Bromofluorobenzene	11.93	95	115607	44.77	ug/l	0.00
Spiked Amount			Recovery	=	89.54%	

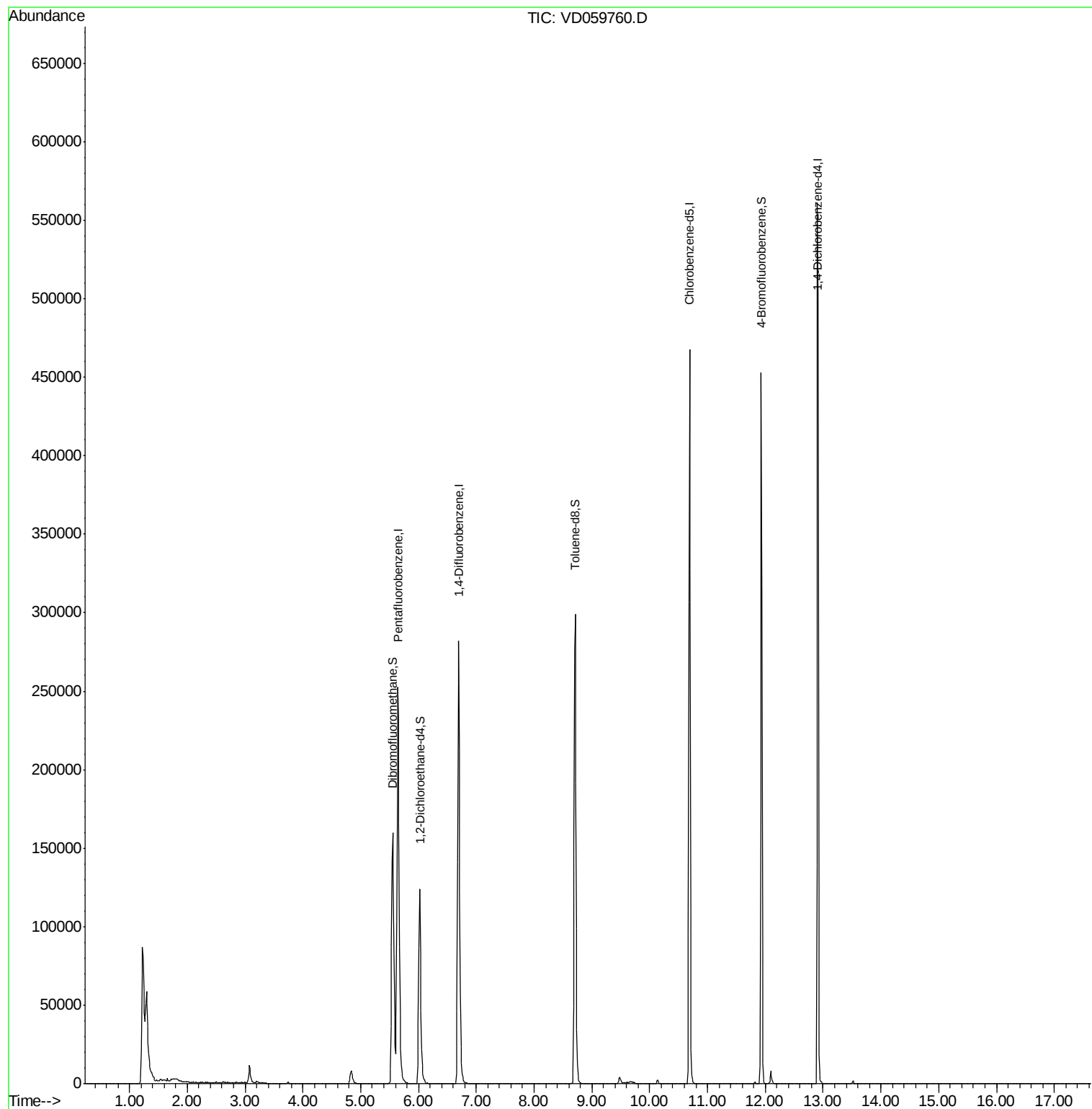
Target Compounds	Qvalue
------------------	--------

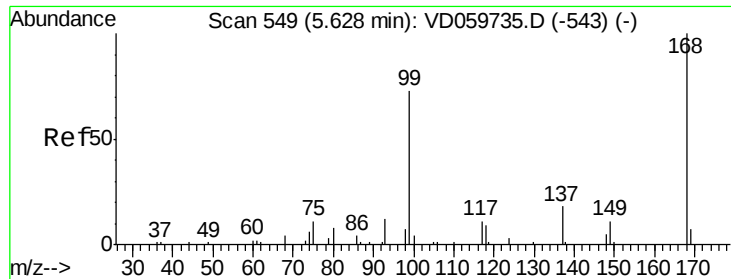
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081318\
Data File : VD059760.D
Acq On : 14 Aug 2018 3:45
Operator : VA/AP
Sample : J4449-01
Misc : 4.08g/5ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TILCON-MH-001

Quant Time: Aug 14 12:01:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 11 05:42:24 2018
Response via : Initial Calibration

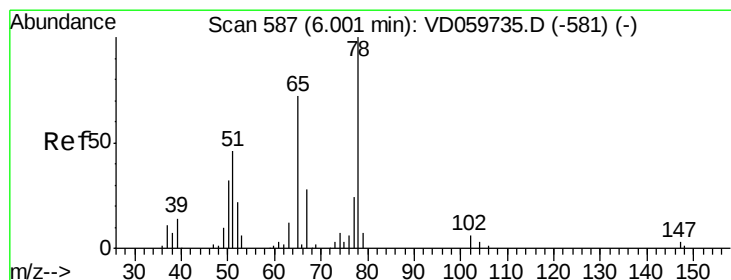
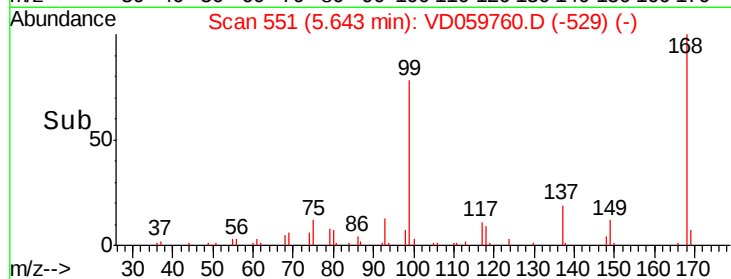
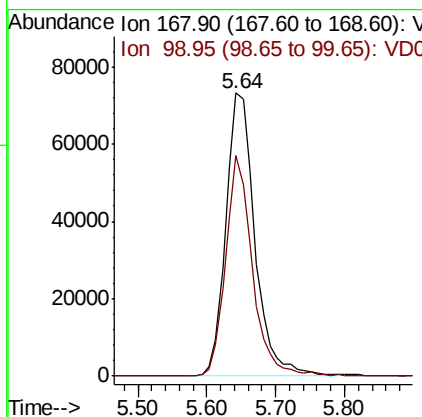
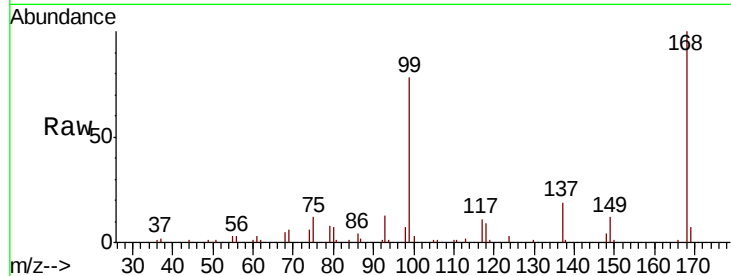




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.64 min Scan# 551
Delta R.T. 0.02 min
Lab File: VD059760.D
Acq: 14 Aug 2018 3:45

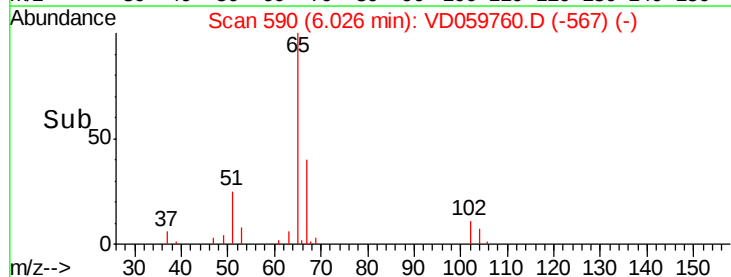
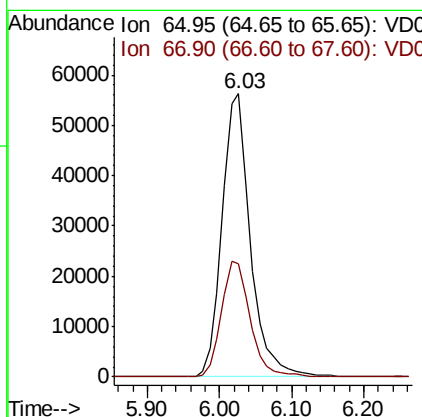
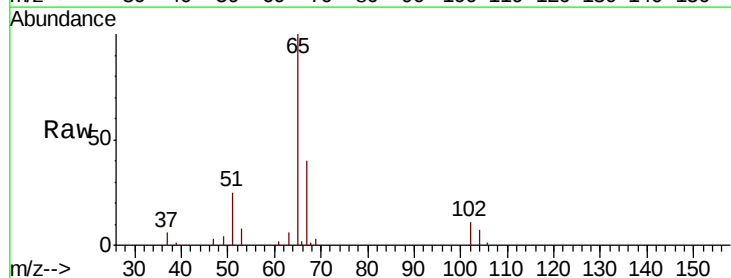
Instrument :
MSVOA_D
ClientSampleId :
TILCON-MH-001

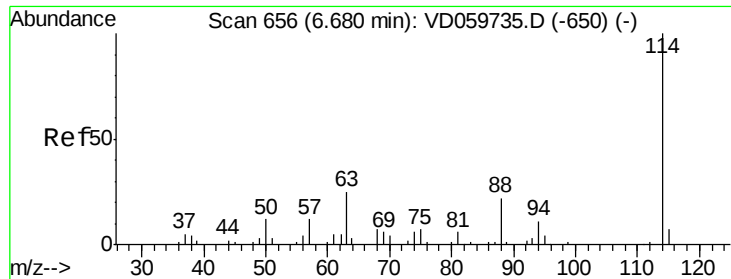
Tot Ion:168 Resp: 214110
Ion Ratio Lower Upper
168 100
99 77.8 61.4 92.2



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.03 min Scan# 590
Delta R.T. 0.02 min
Lab File: VD059760.D
Acq: 14 Aug 2018 3:45

Tgt Ion: 65 Resp: 152423
Ion Ratio Lower Upper
65 100
67 40.0 0.0 77.4

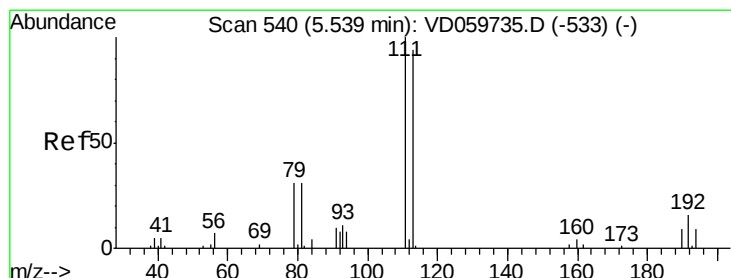
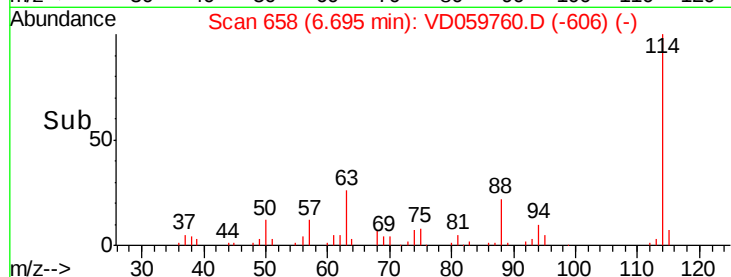
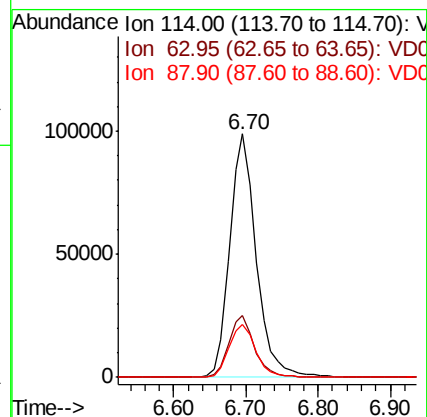
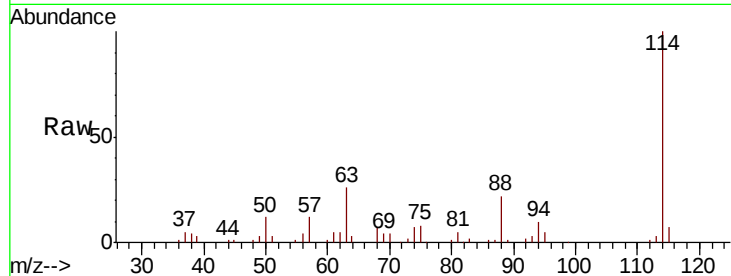




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.02 min
 Lab File: VD059760.D
 Acq: 14 Aug 2018 3:45

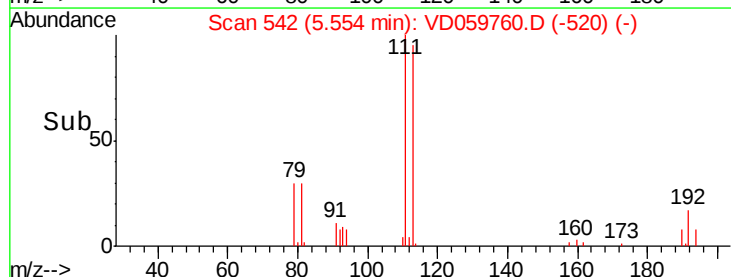
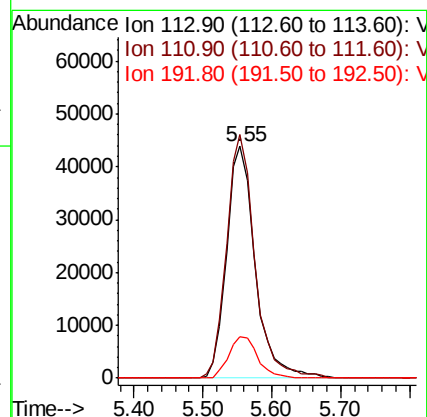
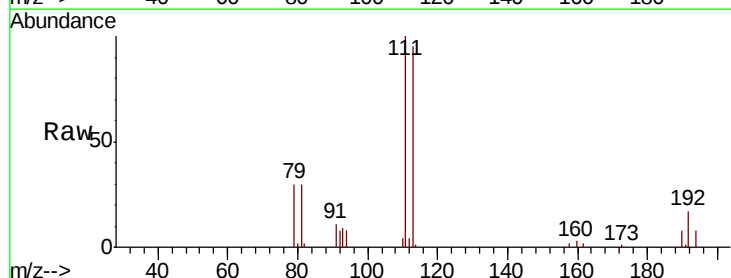
Instrument :
 MSVOA_D
 ClientSampleId :
 TILCON-MH-001

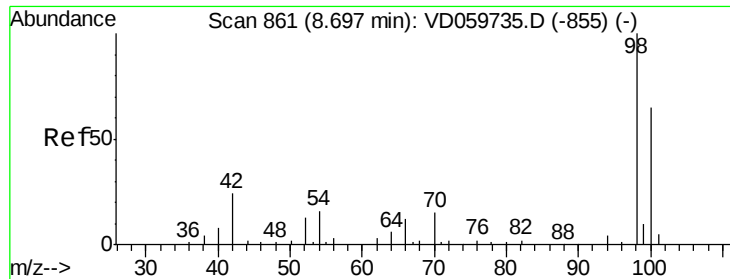
Tot Ion:114 Resp: 252081
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 50.6
 88 21.9 0.0 43.4



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 542
 Delta R.T. 0.02 min
 Lab File: VD059760.D
 Acq: 14 Aug 2018 3:45

Tgt Ion:113 Resp: 126173
 Ion Ratio Lower Upper
 113 100
 111 104.9 85.3 127.9
 192 17.9 13.9 20.9

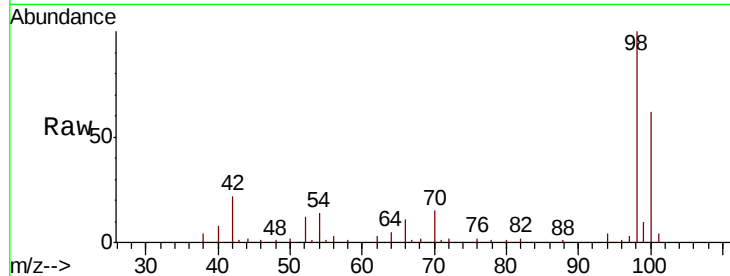




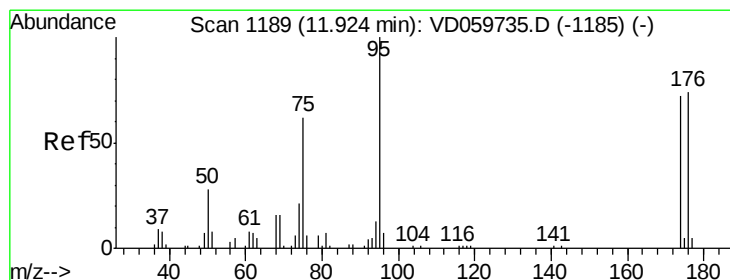
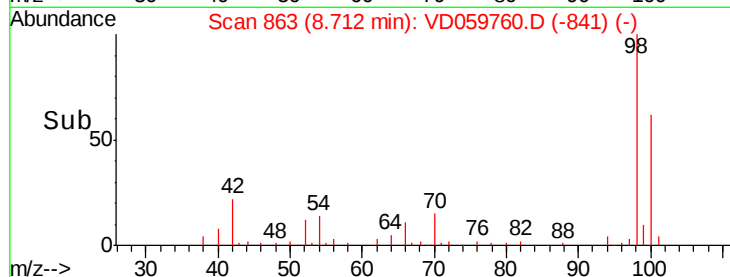
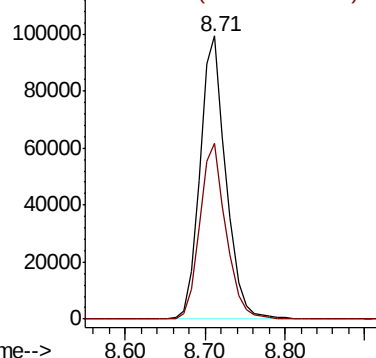
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 863
Delta R.T. 0.02 min
Lab File: VD059760.D
Acq: 14 Aug 2018 3:45

Instrument :
MSVOA_D
ClientSampleId :
TILCON-MH-001

Tot Ion: 98 Resp: 224493
Ion Ratio Lower Upper
98 100
100 61.9 52.2 78.2

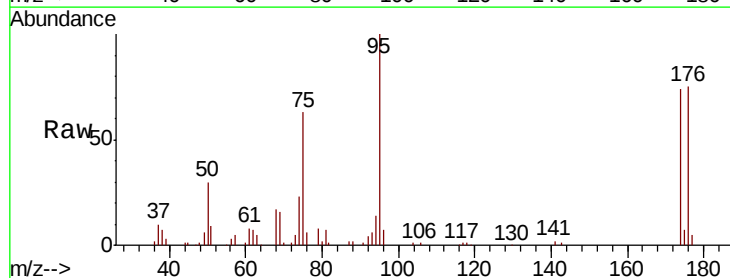


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

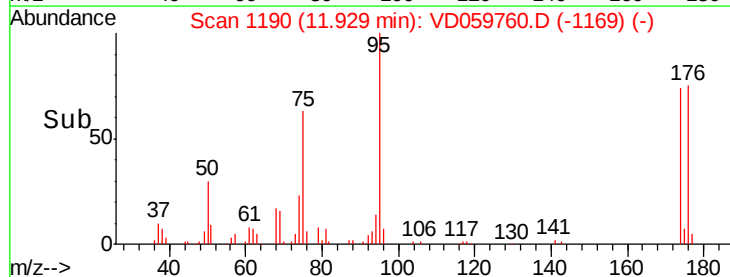
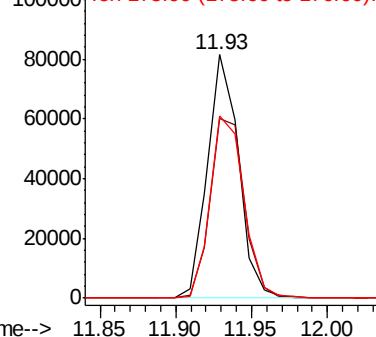


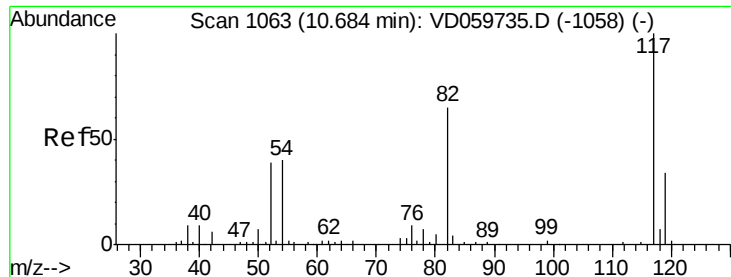
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD059760.D
Acq: 14 Aug 2018 3:45

Tgt Ion: 95 Resp: 115607
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.2
176 75.0 0.0 147.2



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

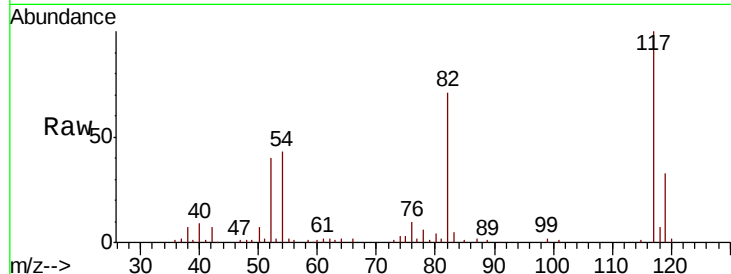




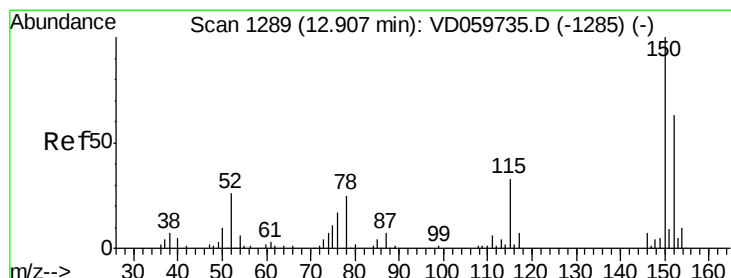
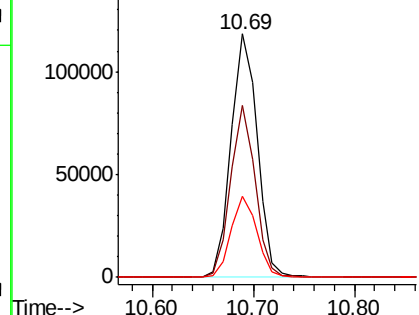
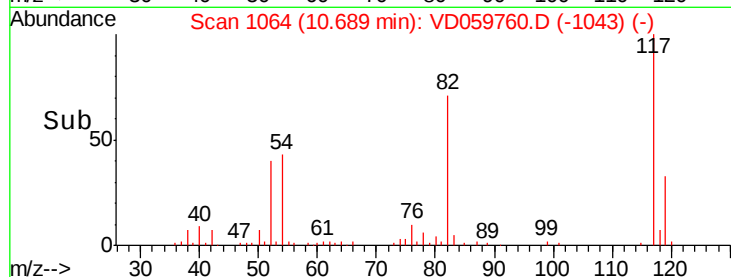
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD059760.D
Acq: 14 Aug 2018 3:45

Instrument :
MSVOA_D
ClientSampleId :
TILCON-MH-001

Tot Ion:117 Resp: 213731
Ion Ratio Lower Upper
117 100
82 70.5 51.9 77.9
119 33.4 27.4 41.0

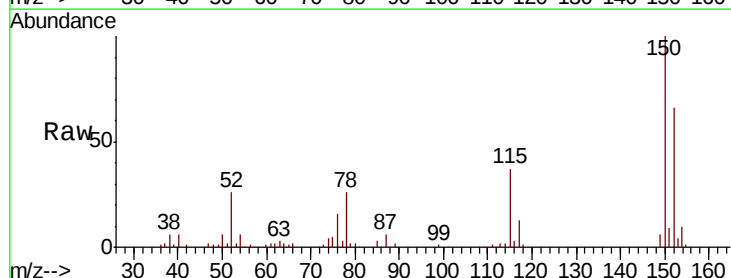


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1290
Delta R.T. 0.01 min
Lab File: VD059760.D
Acq: 14 Aug 2018 3:45

Tgt Ion:152 Resp: 117324
Ion Ratio Lower Upper
152 100
115 55.6 29.8 89.3
150 151.7 0.0 320.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

