

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081318\
 Data File : VD059748.D
 Acq On : 13 Aug 2018 22:06
 Operator : VA/AP
 Sample : J4427-01RE
 Misc : 4.18g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RB47197RE

Quant Time: Aug 14 04:33:37 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	5.63	168	213297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	282757	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	193876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	74305	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	147444	44.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.32%	
35) Dibromofluoromethane	5.54	113	119202	40.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.88%	
50) Toluene-d8	8.70	98	228518	39.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.14%	
62) 4-Bromofluorobenzene	11.93	95	86472	29.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.70%	

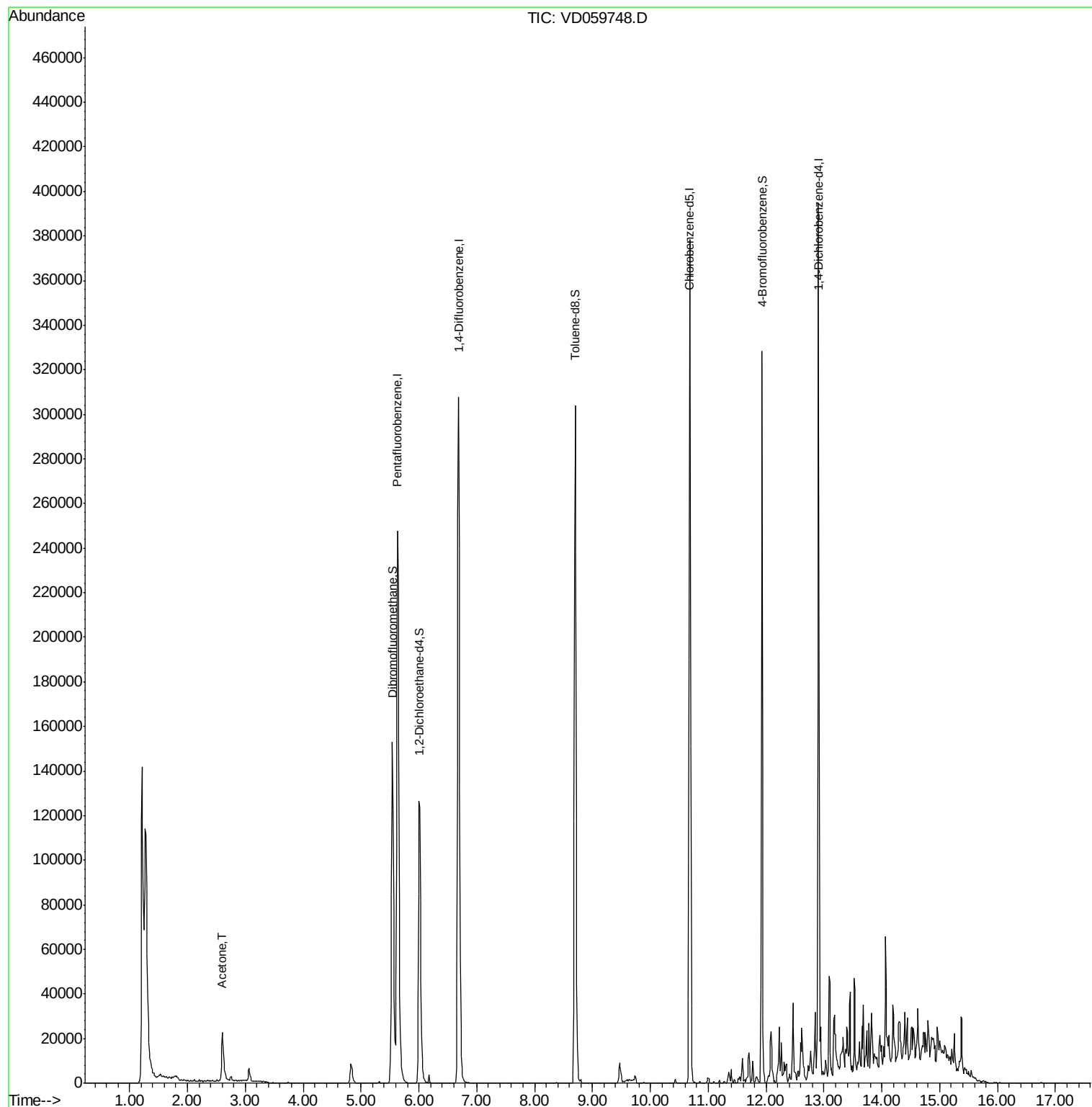
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.60	43	42045	77.09	ug/l	96

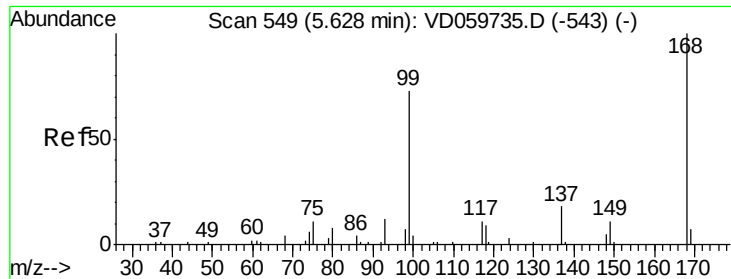
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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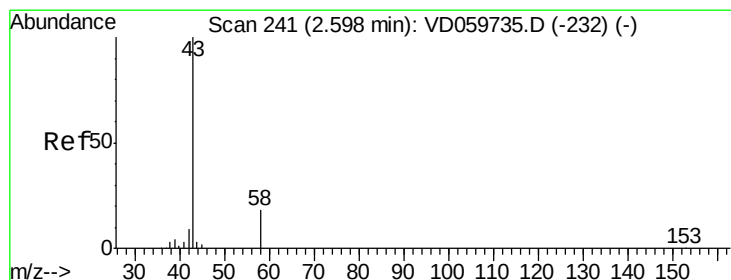
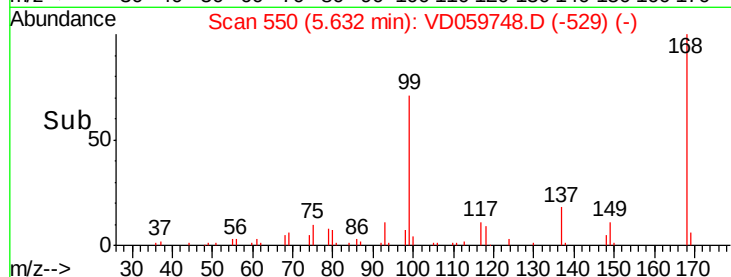
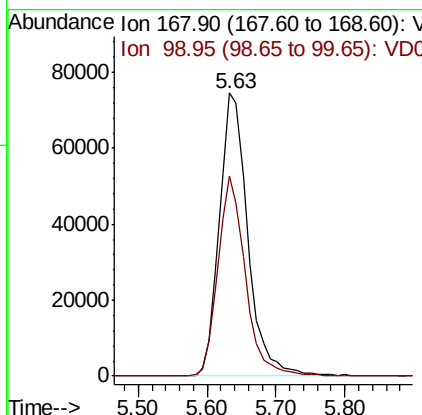
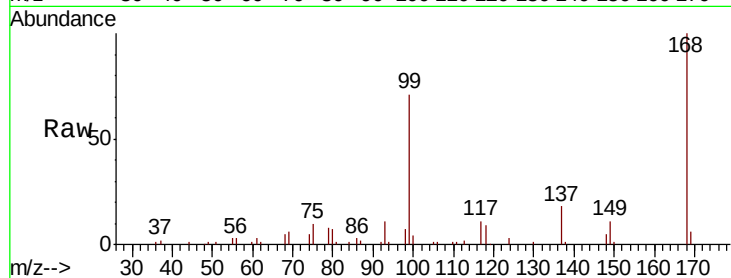




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.63 min Scan# 550
Delta R.T. 0.00 min
Lab File: VD059748.D
Acq: 13 Aug 2018 22:06

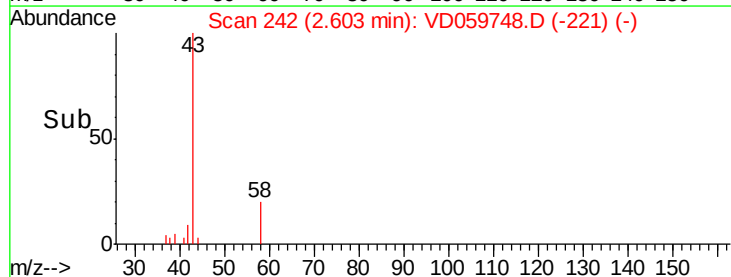
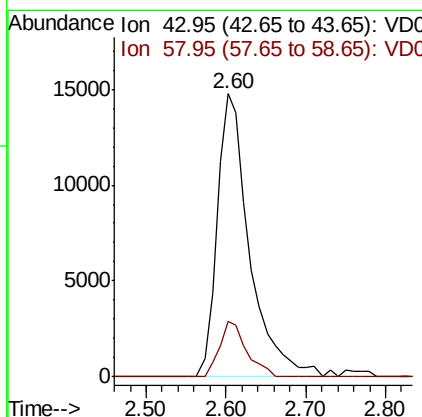
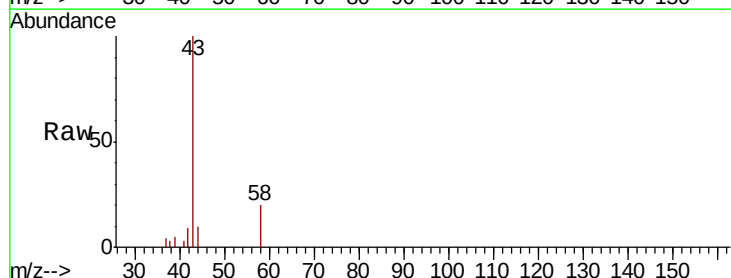
Instrument :
MSVOA_D
ClientSampleId :
RB47197RE

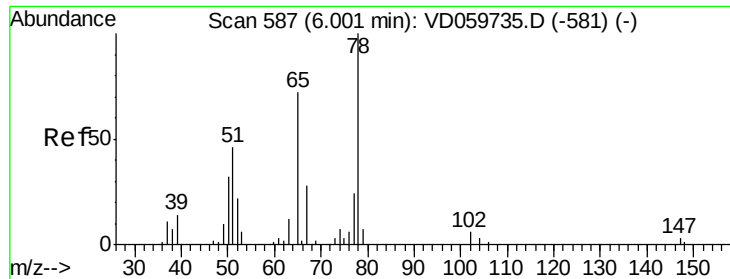
Tot Ion:168 Resp: 213297
Ion Ratio Lower Upper
168 100
99 70.5 61.4 92.2



#16
Acetone
Concen: 77.09 ug/l
RT: 2.60 min Scan# 242
Delta R.T. 0.00 min
Lab File: VD059748.D
Acq: 13 Aug 2018 22:06

Tgt Ion: 43 Resp: 42045
Ion Ratio Lower Upper
43 100
58 19.8 14.6 21.8

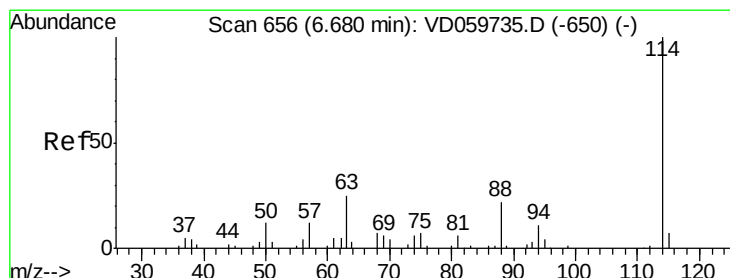
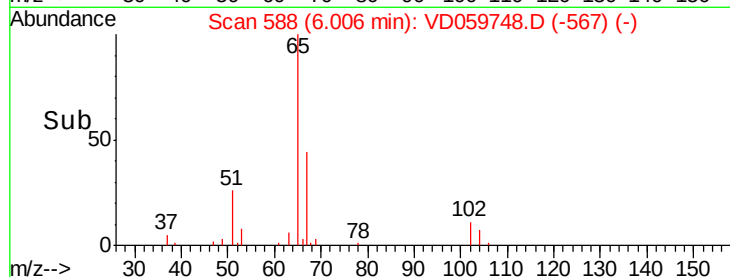
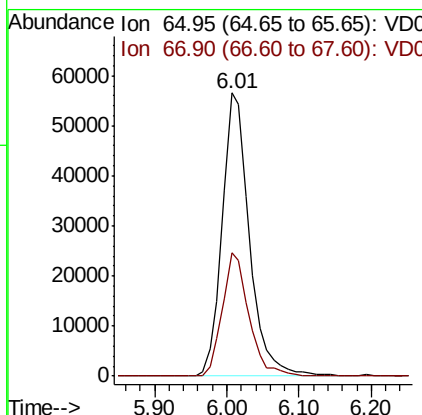
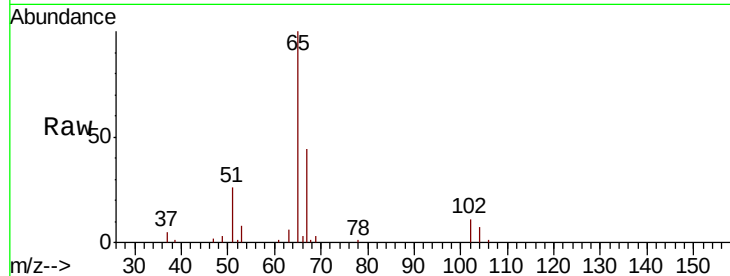




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.01 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: VD059748.D
 Acq: 13 Aug 2018 22:06

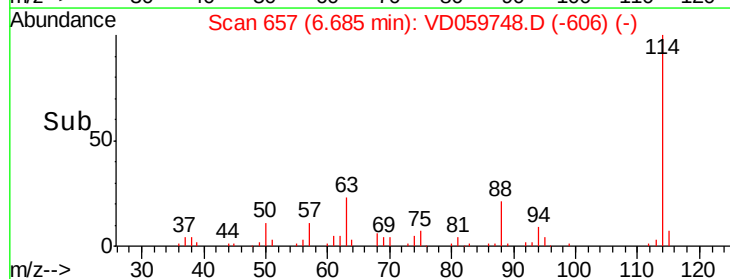
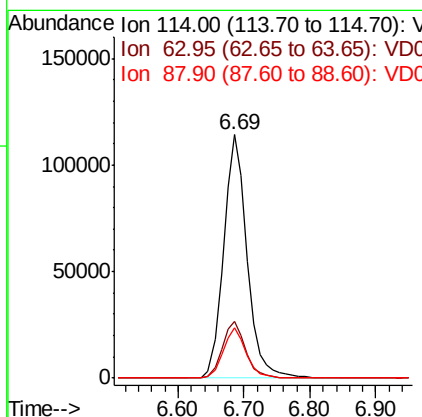
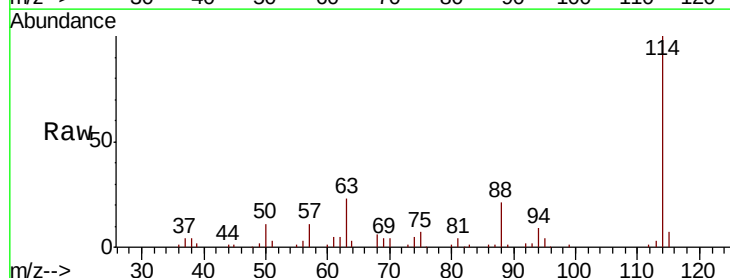
Instrument :
 MSVOA_D
 ClientSampleId :
 RB47197RE

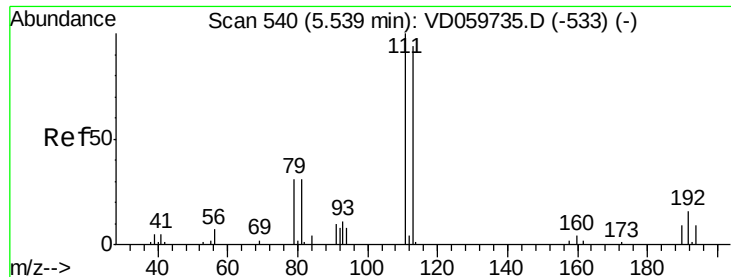
Tot Ion: 65 Resp: 147444
 Ion Ratio Lower Upper
 65 100
 67 43.7 0.0 77.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: VD059748.D
 Acq: 13 Aug 2018 22:06

Tgt Ion: 114 Resp: 282757
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 50.6
 88 20.6 0.0 43.4

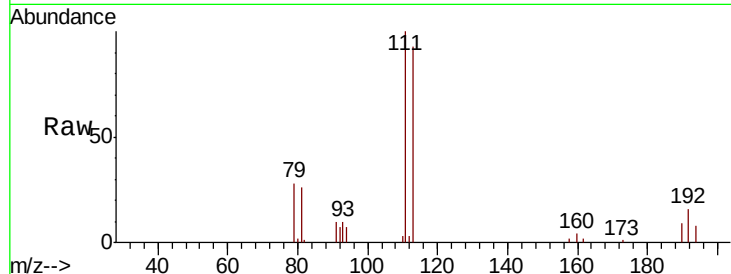




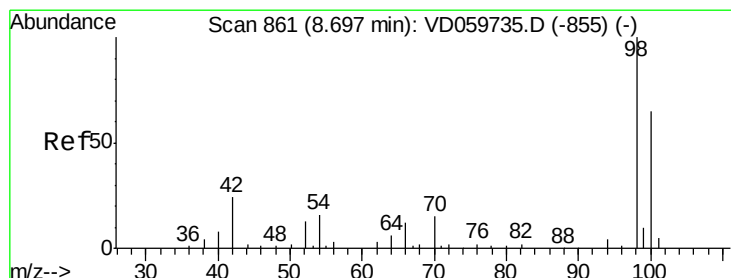
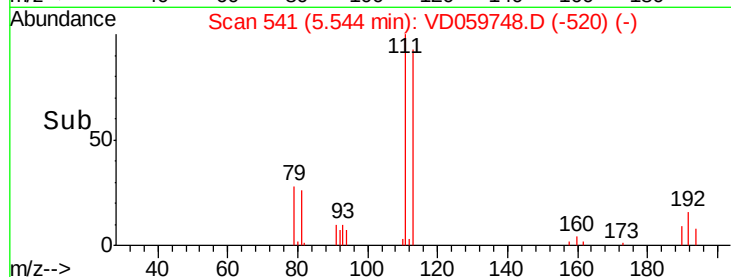
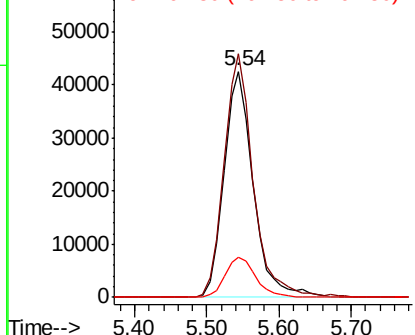
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: VD059748.D
 Acq: 13 Aug 2018 22:06

Instrument :
 MSVOA_D
 ClientSampleId :
 RB47197RE

Tot Ion:113 Resp: 119202
 Ion Ratio Lower Upper
 113 100
 111 107.6 85.3 127.9
 192 17.5 13.9 20.9

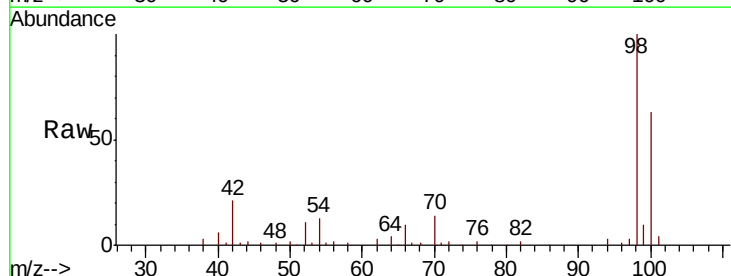


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

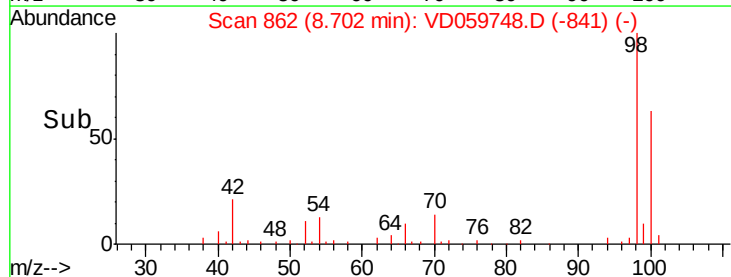
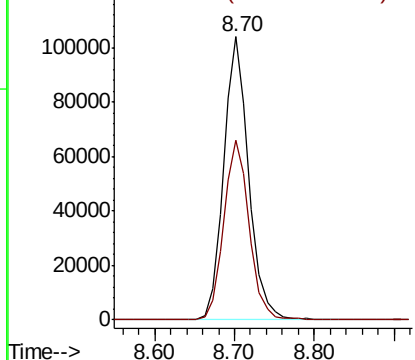


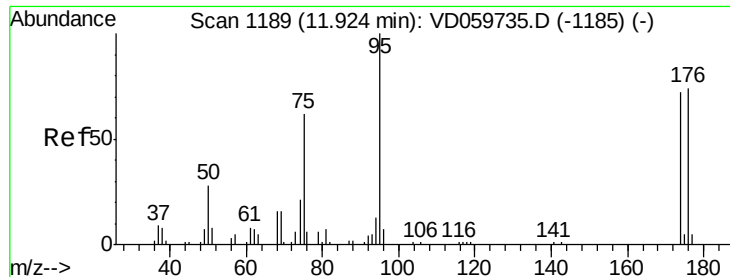
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.70 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VD059748.D
 Acq: 13 Aug 2018 22:06

Tgt Ion: 98 Resp: 228518
 Ion Ratio Lower Upper
 98 100
 100 63.5 52.2 78.2



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1190

Delta R.T. 0.00 min

Lab File: VD059748.D

Acq: 13 Aug 2018 22:06

Instrument :

MSVOA_D

ClientSampleId :

RB47197RE

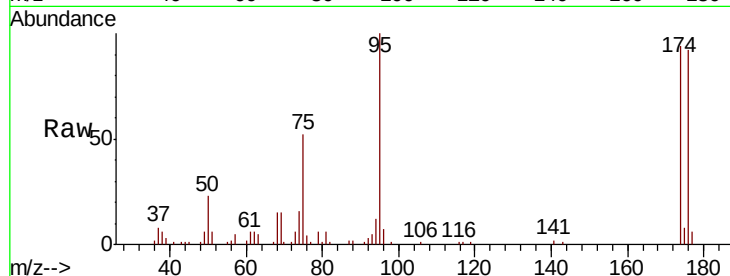
Tot Ion: 95 Resp: 86472

Ion Ratio Lower Upper

95 100

174 94.2 0.0 143.2

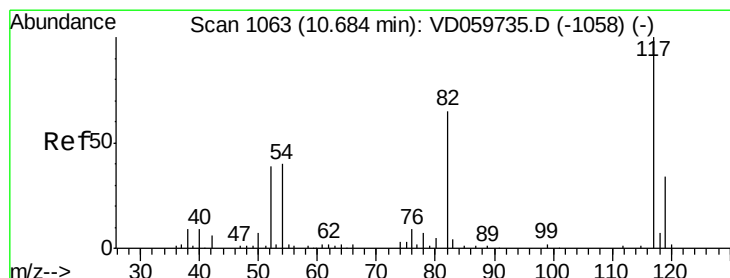
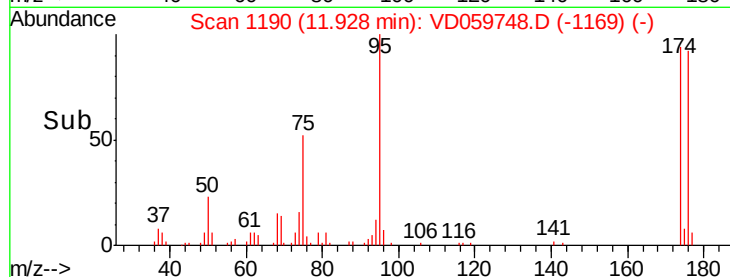
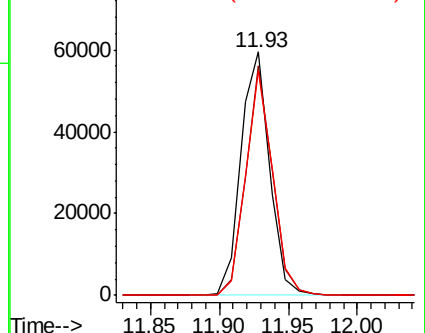
176 92.0 0.0 147.2



Abundance Ion 95.00 (94.70 to 95.70): V

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. 0.00 min

Lab File: VD059748.D

Acq: 13 Aug 2018 22:06

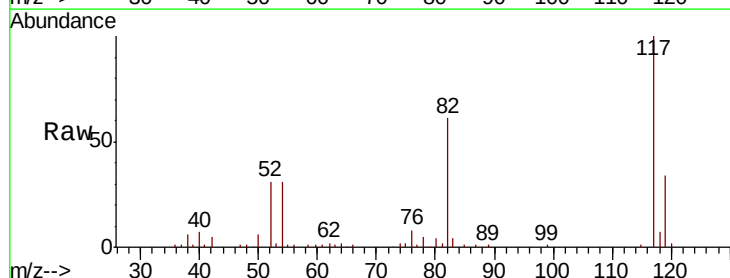
Tgt Ion: 117 Resp: 193876

Ion Ratio Lower Upper

117 100

82 60.9 51.9 77.9

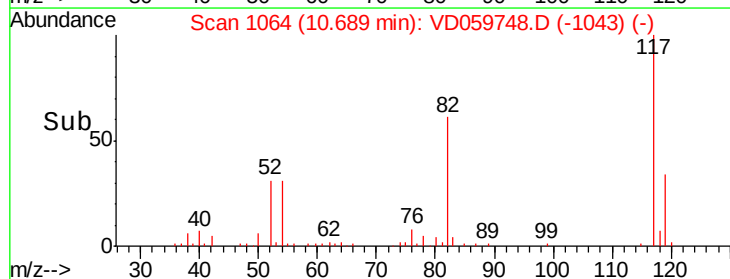
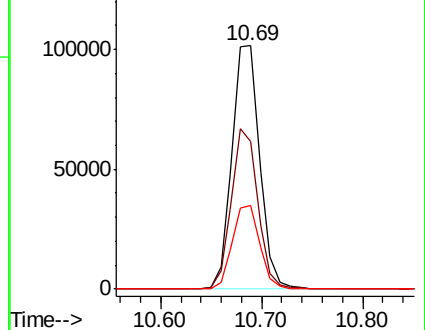
119 34.3 27.4 41.0

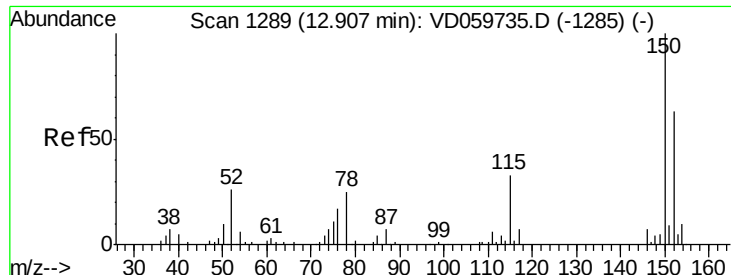


Abundance Ion 116.95 (116.65 to 117.65): V

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: 12.90 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VD059748.D

Acq: 13 Aug 2018 22:06

Instrument :

MSVOA_D

ClientSampleId :

RB47197RE

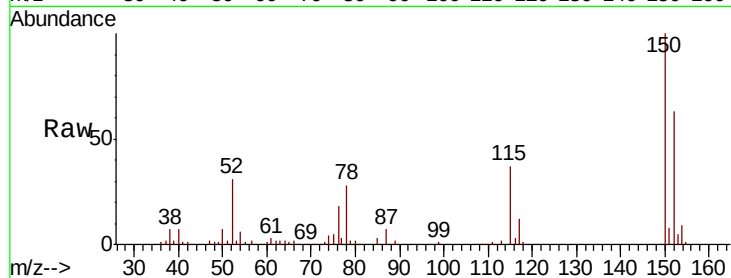
Tot Ion:152 Resp: 74305

Ion Ratio Lower Upper

152 100

115 58.4 29.8 89.3

150 158.1 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

