

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081318\
 Data File : VD059755.D
 Acq On : 14 Aug 2018 1:24
 Operator : VA/AP
 Sample : J4443-01
 Misc : 3.34g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SALEM-RD-SP

Quant Time: Aug 14 09:06:11 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	202442	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.70	114	235050	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.69	117	139804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	77683	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	140456	44.33	ug/l	0.02
Spiked Amount 50.000			Recovery	=	88.66%	
35) Dibromofluoromethane	5.54	113	121358	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
50) Toluene-d8	8.71	98	153388	31.95	ug/l	0.02
Spiked Amount 50.000			Recovery	=	63.90%	
62) 4-Bromofluorobenzene	11.93	95	85225	35.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.78%	

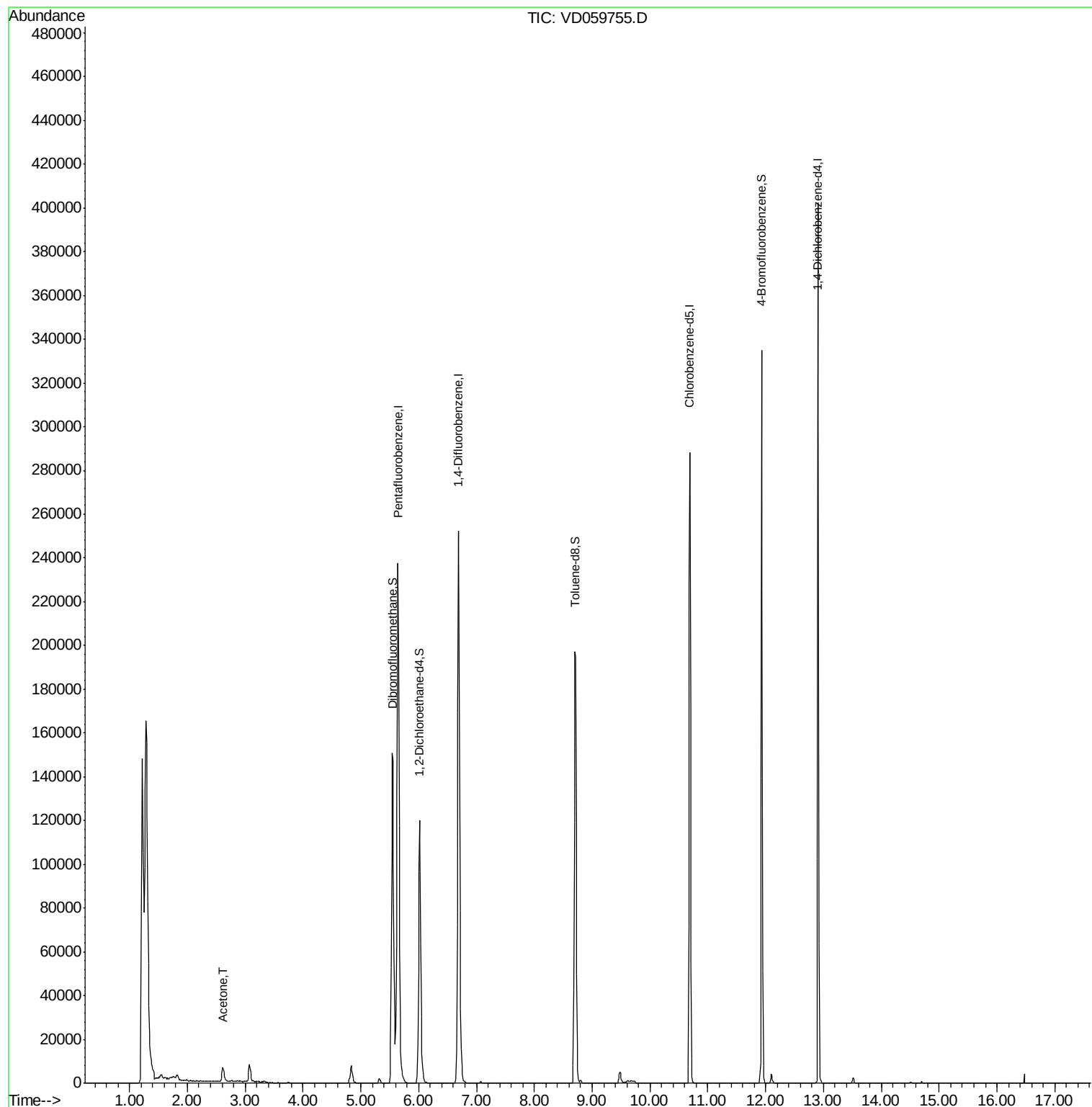
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.61	43	14271	27.57	ug/l	94

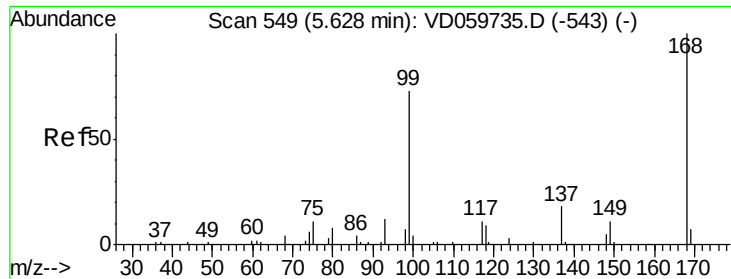
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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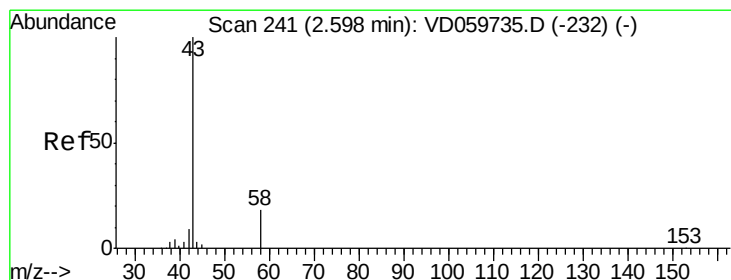
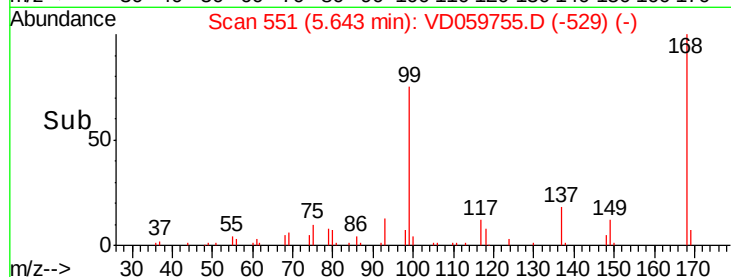
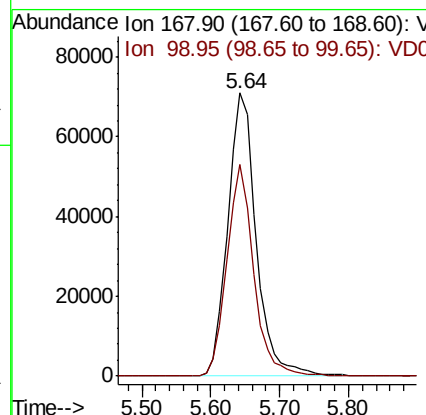
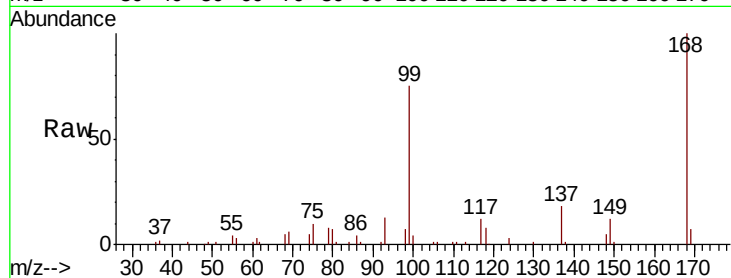




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.64 min Scan# 551
Delta R.T. 0.02 min
Lab File: VD059755.D
Acq: 14 Aug 2018 1:24

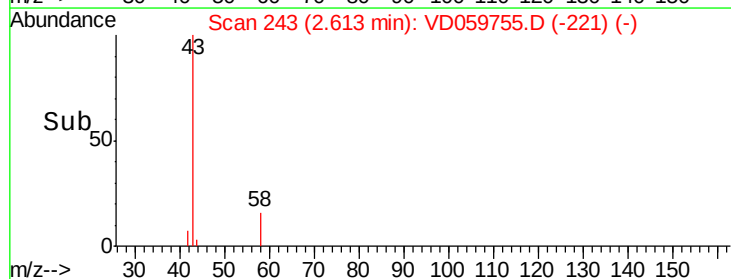
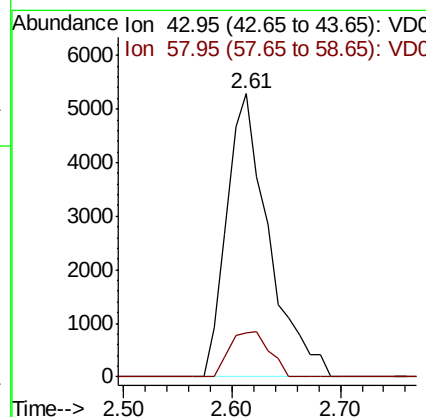
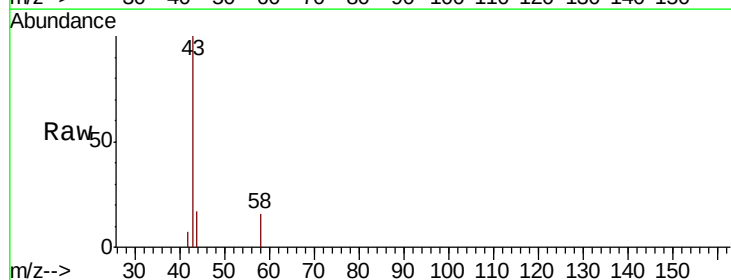
Instrument :
MSVOA_D
ClientSampleId :
SALEM-RD-SP

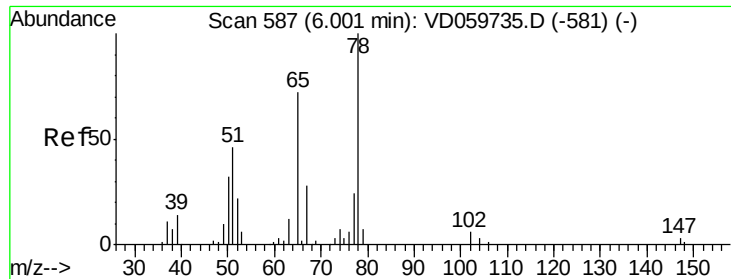
Tot Ion:168 Resp: 202442
Ion Ratio Lower Upper
168 100
99 74.6 61.4 92.2



#16
Acetone
Concen: 27.57 ug/l
RT: 2.61 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD059755.D
Acq: 14 Aug 2018 1:24

Tgt Ion: 43 Resp: 14271
Ion Ratio Lower Upper
43 100
58 15.6 14.6 21.8

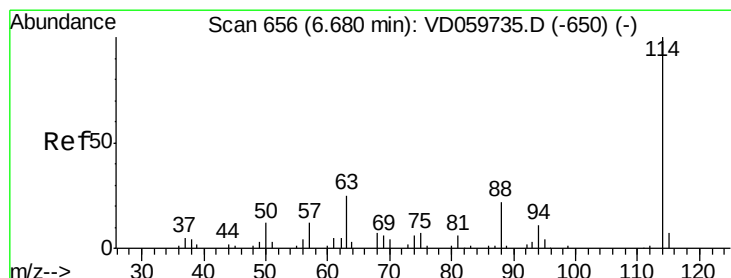
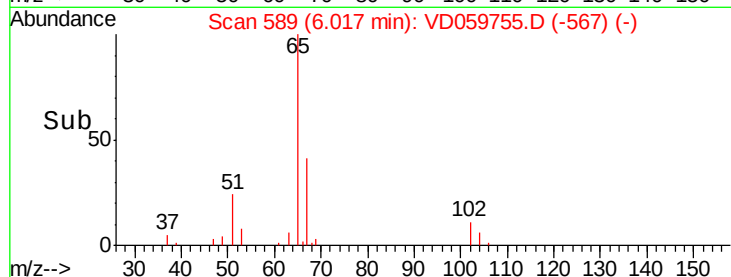
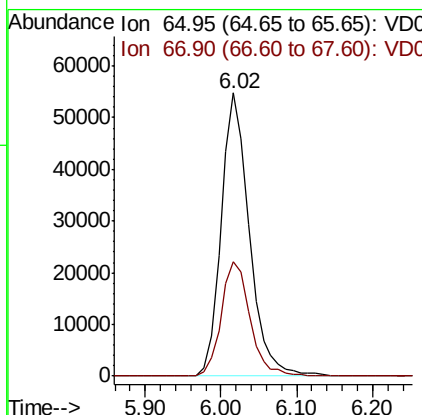
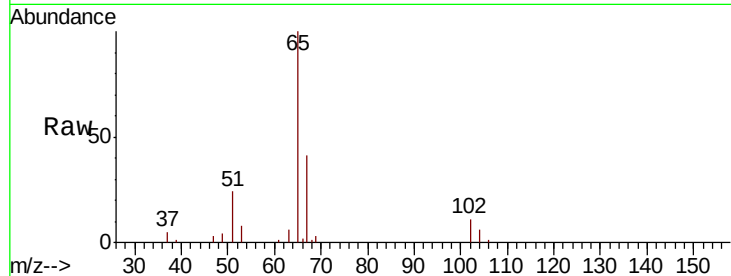




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. 0.02 min
 Lab File: VD059755.D
 Acq: 14 Aug 2018 1:24

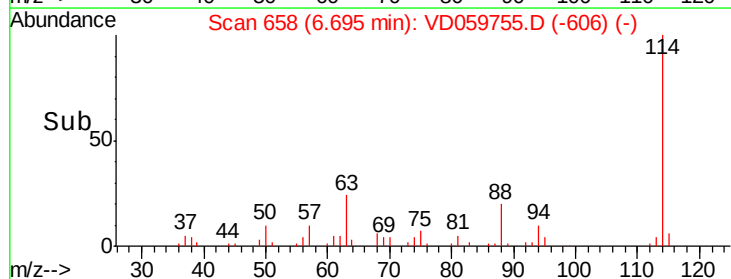
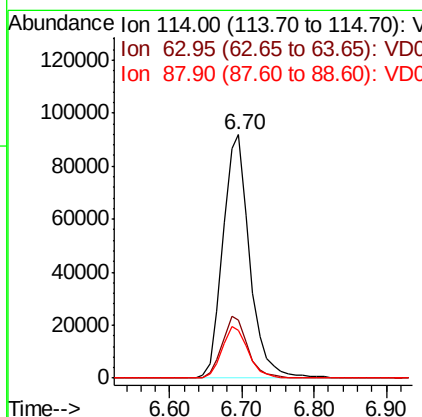
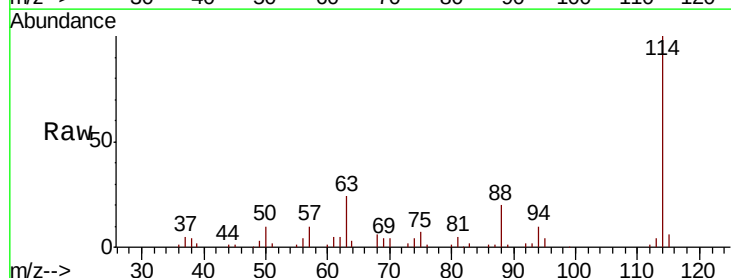
Instrument :
 MSVOA_D
 ClientSampleId :
 SALEM-RD-SP

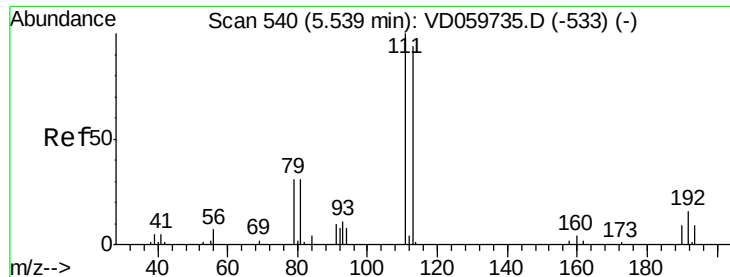
Tot Ion: 65 Resp: 140456
 Ion Ratio Lower Upper
 65 100
 67 40.6 0.0 77.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.02 min
 Lab File: VD059755.D
 Acq: 14 Aug 2018 1:24

Tgt Ion: 114 Resp: 235050
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 50.6
 88 19.9 0.0 43.4

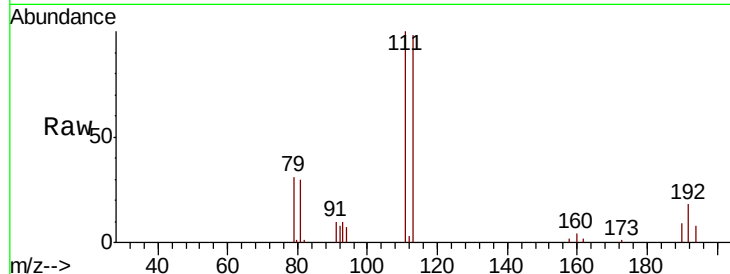




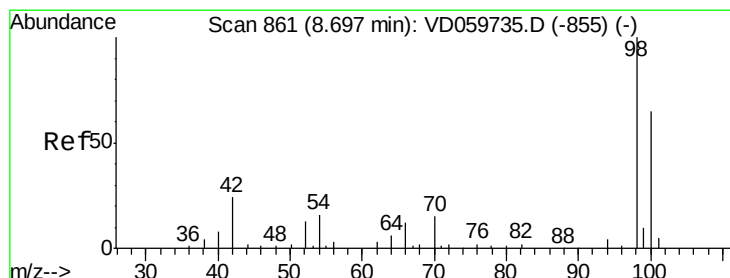
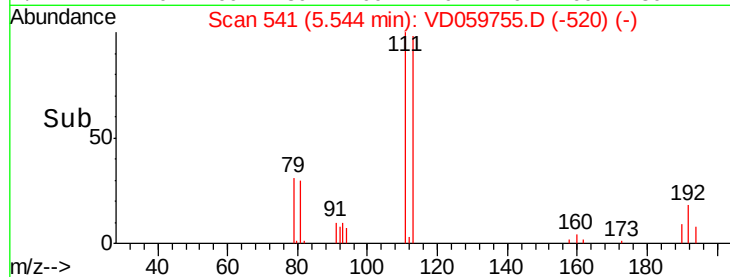
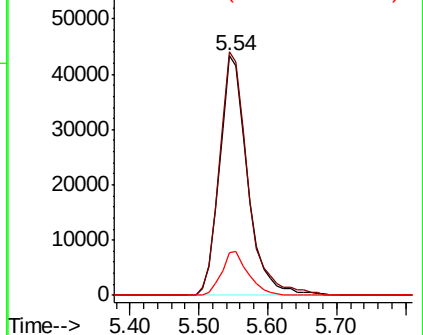
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: VD059755.D
 Acq: 14 Aug 2018 1:24

Instrument :
 MSVOA_D
 ClientSampleId :
 SALEM-RD-SP

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	85.3	127.9
192	18.0	13.9	20.9

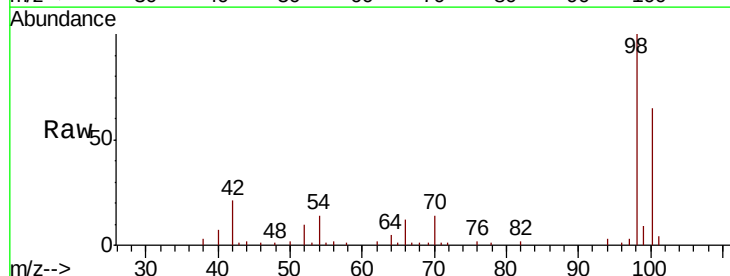


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

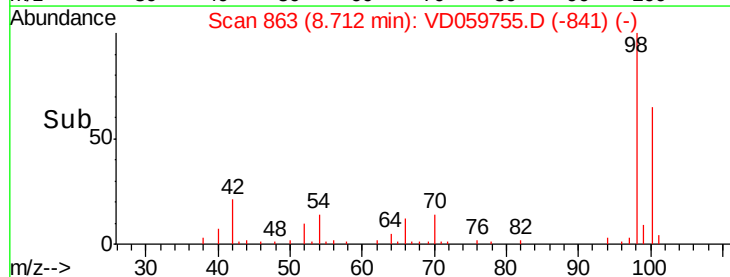
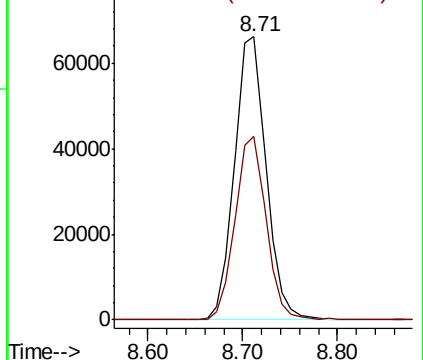


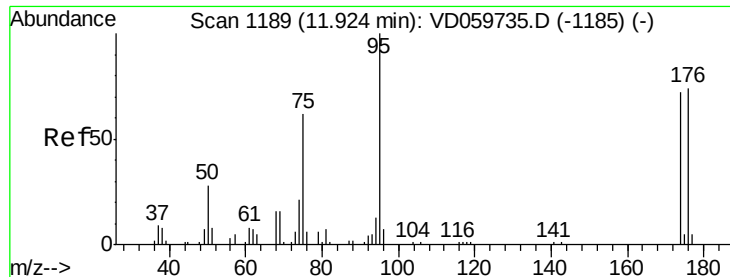
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.71 min Scan# 863
 Delta R.T. 0.02 min
 Lab File: VD059755.D
 Acq: 14 Aug 2018 1:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	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. 0.01 min

Lab File: VD059755.D

Acq: 14 Aug 2018 1:24

Instrument :

MSVOA_D

ClientSampleId :

SALEM-RD-SP

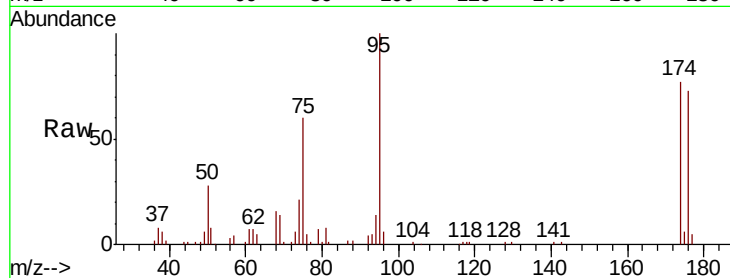
Tot Ion: 95 Resp: 85225

Ion Ratio Lower Upper

95 100

174 77.3 0.0 143.2

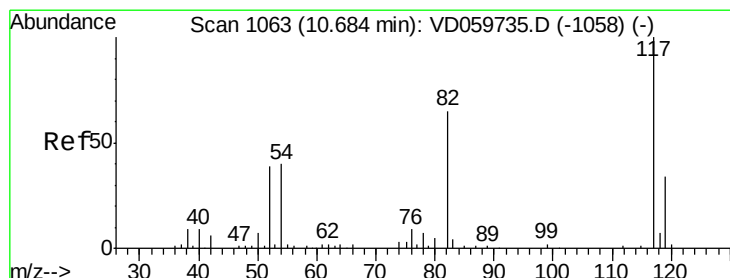
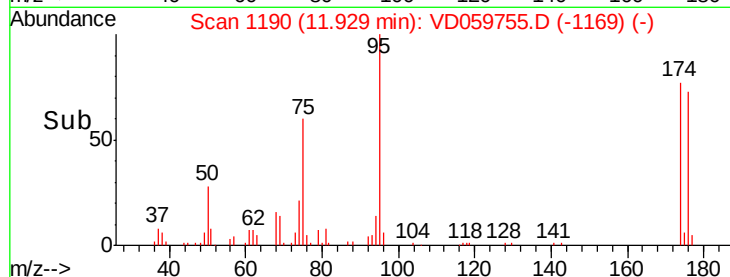
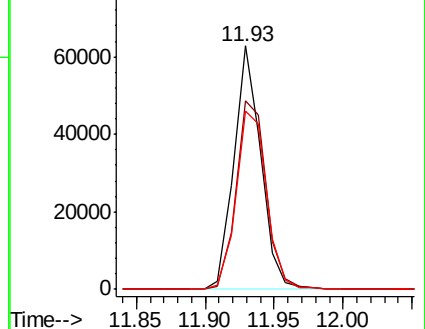
176 73.2 0.0 147.2



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. 0.01 min

Lab File: VD059755.D

Acq: 14 Aug 2018 1:24

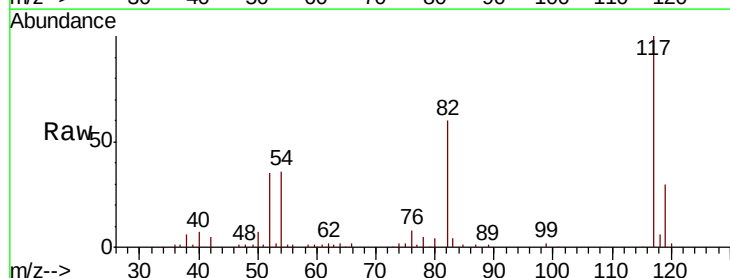
Tgt Ion: 117 Resp: 139804

Ion Ratio Lower Upper

117 100

82 60.5 51.9 77.9

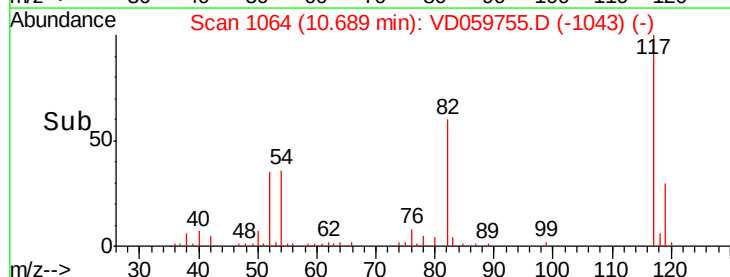
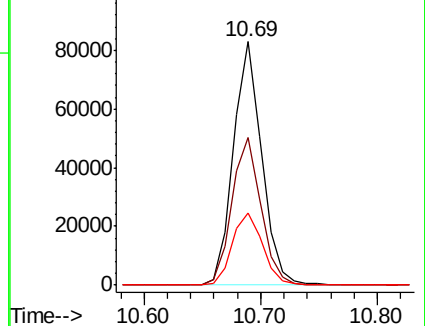
119 29.7 27.4 41.0

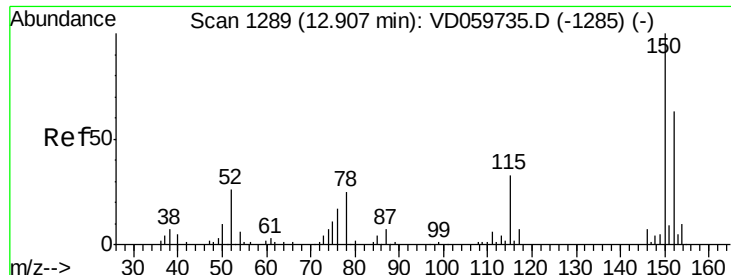


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD059755.D

Acq: 14 Aug 2018 1:24

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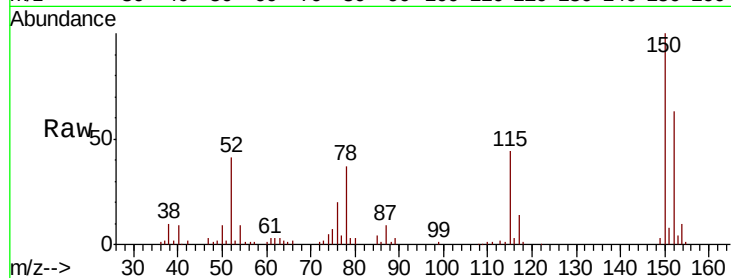
Tot Ion:152 Resp: 77683

Ion Ratio Lower Upper

152 100

115 69.0 29.8 89.3

150 158.3 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

