

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081418\
 Data File : VD059775.D
 Acq On : 14 Aug 2018 19:11
 Operator : VA/AP
 Sample : J4447-16
 Misc : 4.10g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-8

Quant Time: Aug 15 12:26:52 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	247717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	320809	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	251514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	120766	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	146869	37.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.76%	
35) Dibromofluoromethane	5.54	113	132271	40.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.08%	
50) Toluene-d8	8.70	98	291430	44.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.96%	
62) 4-Bromofluorobenzene	11.93	95	116863	35.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.12%	

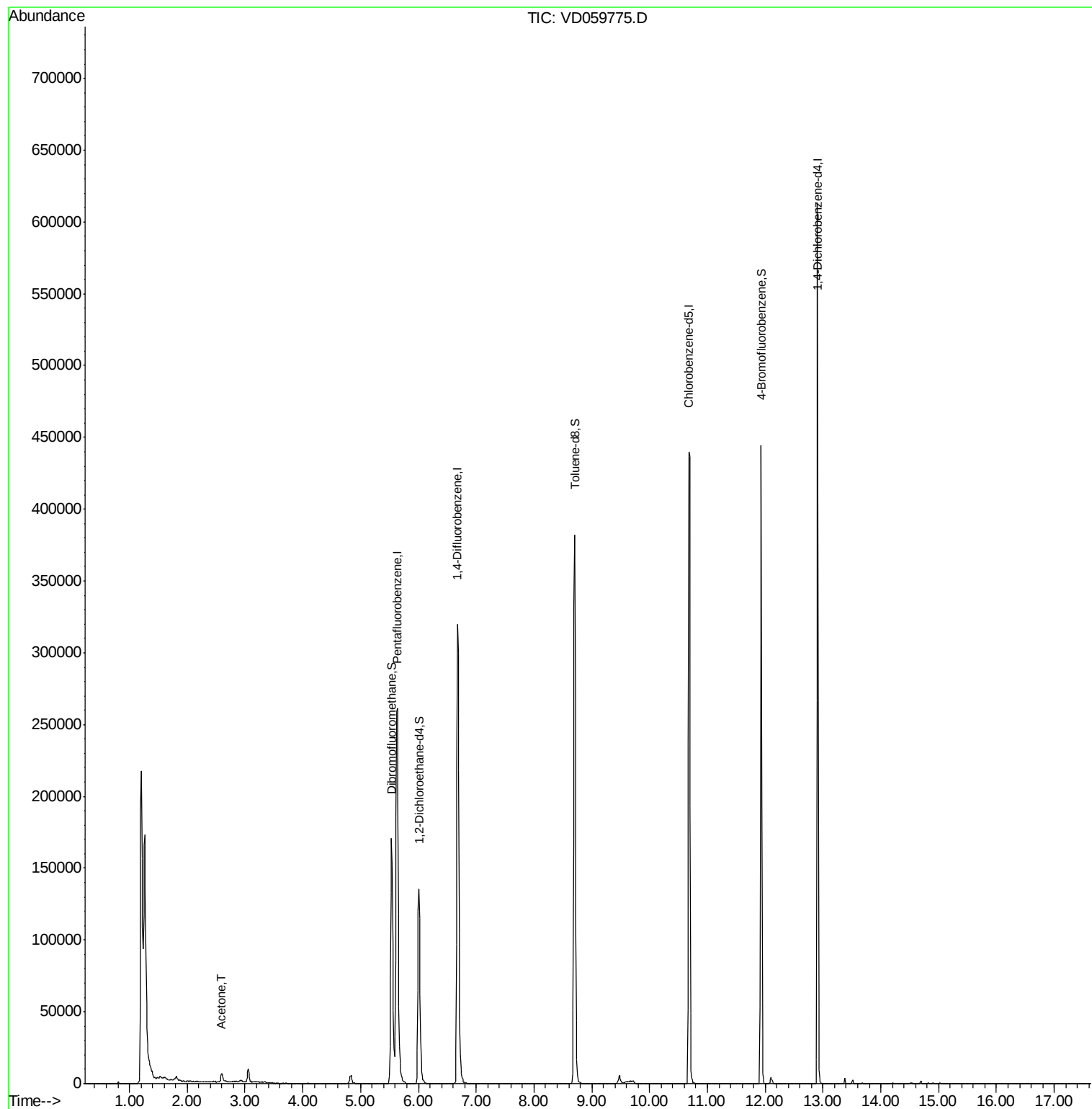
Target Compounds						Qvalue
16) Acetone	2.59	43	12187	19.24	ug/l	# 92

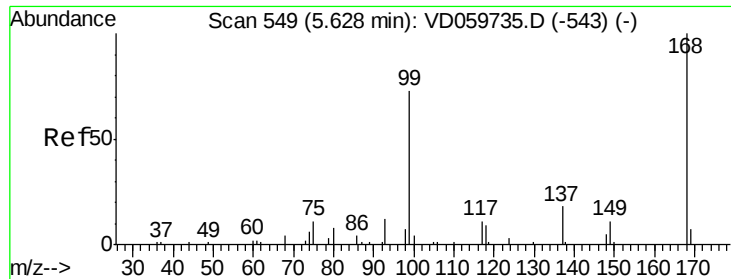
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 550

Delta R.T. 0.01 min

Lab File: VD059775.D

Acq: 14 Aug 2018 19:11

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MSVOA_D

ClientSampleId :

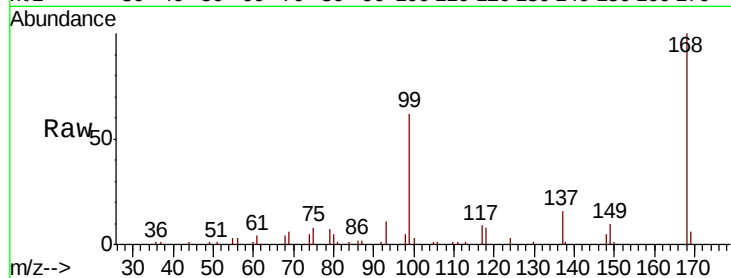
SP-1-8

Tot Ion:168 Resp: 247717

Ion Ratio Lower Upper

168 100

99 62.2 61.4 92.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.63

80000

60000

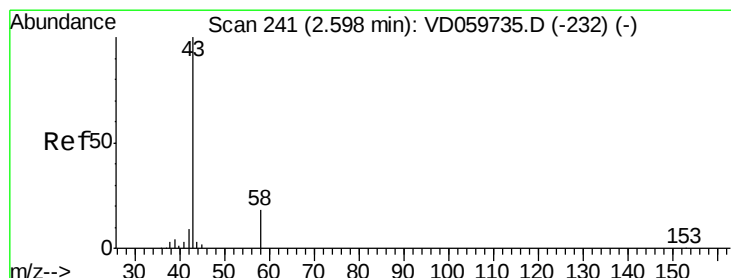
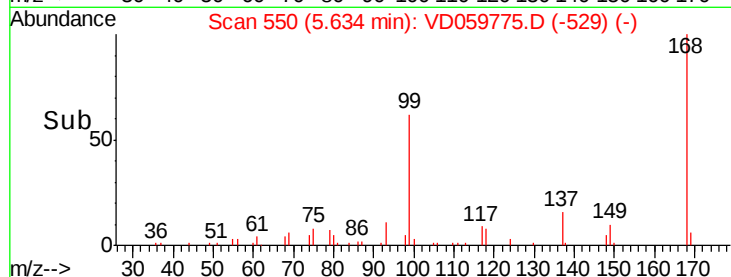
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 19.24 ug/l

RT: 2.59 min Scan# 241

Delta R.T. -0.00 min

Lab File: VD059775.D

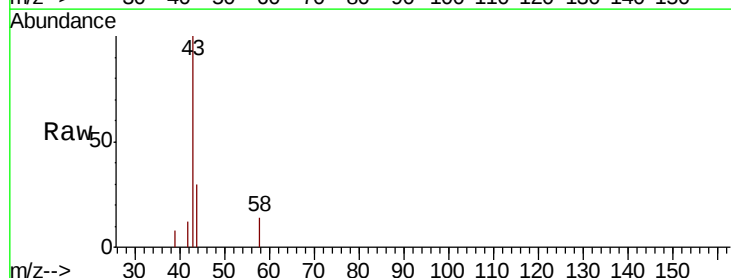
Acq: 14 Aug 2018 19:11

Tgt Ion: 43 Resp: 12187

Ion Ratio Lower Upper

43 100

58 14.4 14.6 21.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.59

5000

4000

3000

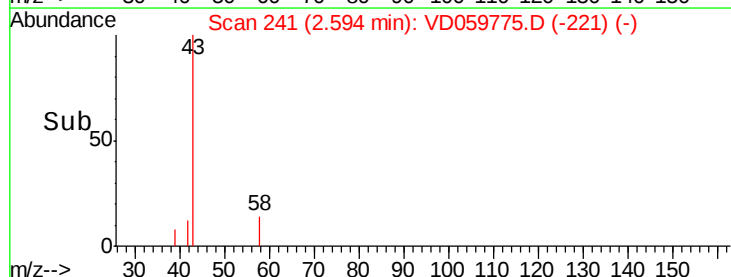
2000

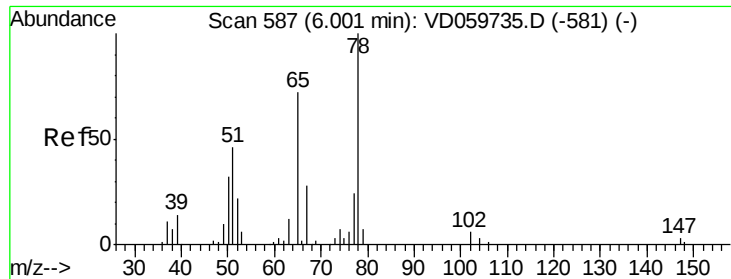
1000

0

Time-->

2.50 2.60 2.70

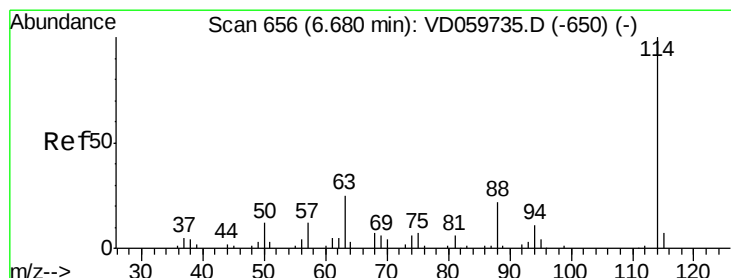
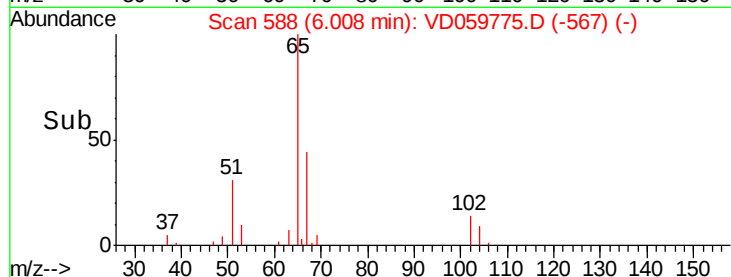
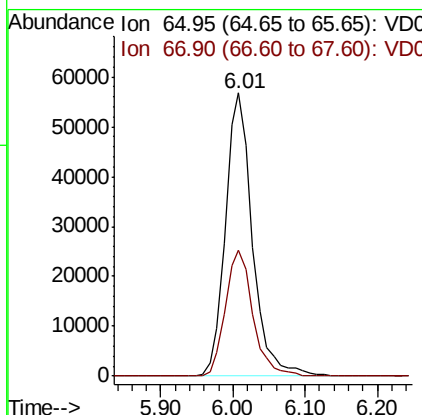
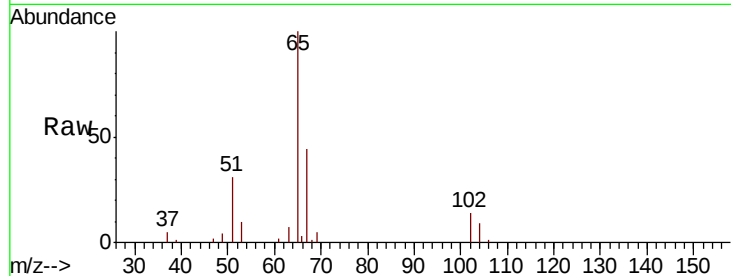




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.01 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: VD059775.D
 Acq: 14 Aug 2018 19:11

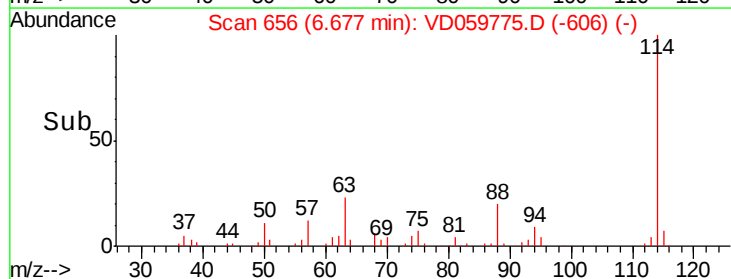
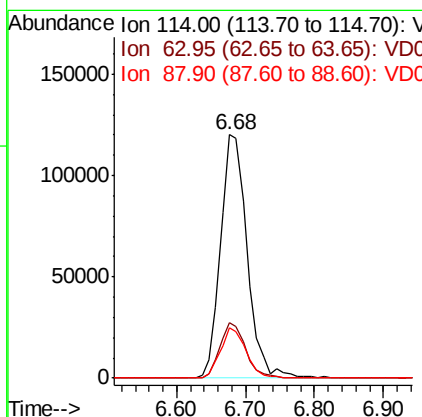
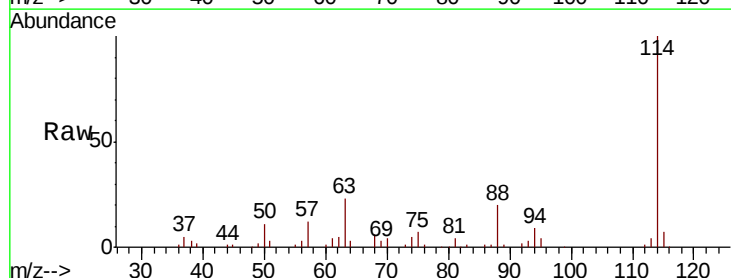
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-8

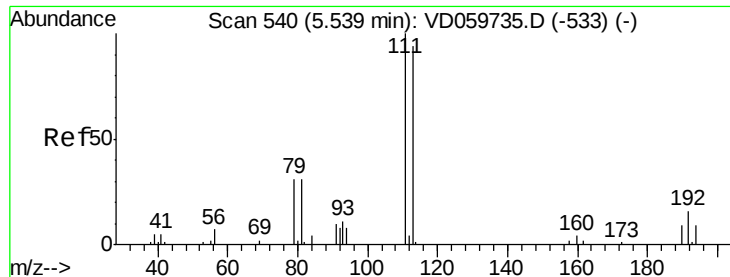
Tot Ion: 65 Resp: 146869
 Ion Ratio Lower Upper
 65 100
 67 44.3 0.0 77.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: VD059775.D
 Acq: 14 Aug 2018 19:11

Tgt Ion: 114 Resp: 320809
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 50.6
 88 20.4 0.0 43.4

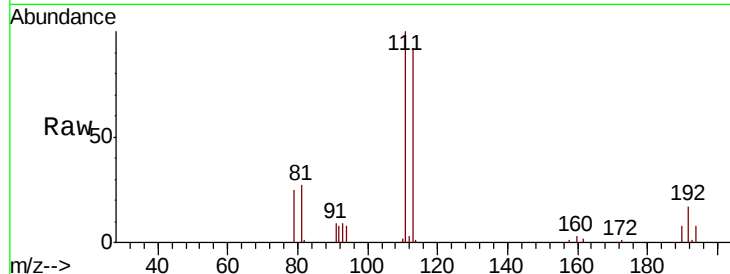




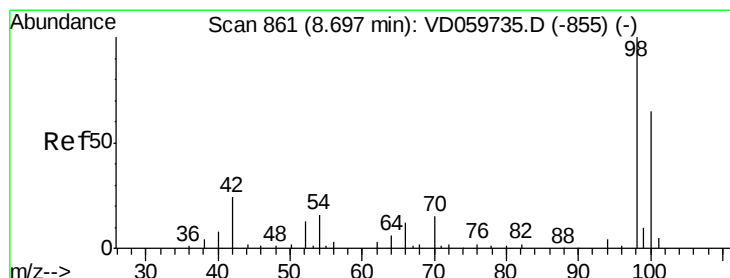
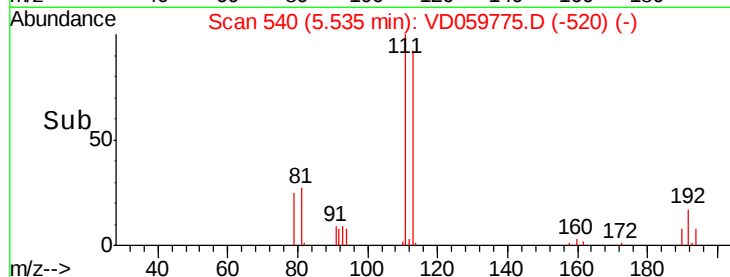
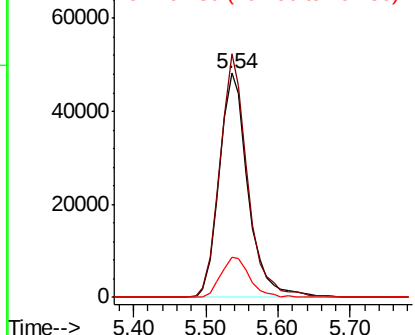
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.54 min Scan# 540
Delta R.T. -0.00 min
Lab File: VD059775.D
Acq: 14 Aug 2018 19:11

Instrument :
MSVOA_D
ClientSampleId :
SP-1-8

Tot Ion:113 Resp: 132271
Ion Ratio Lower Upper
113 100
111 108.8 85.3 127.9
192 18.2 13.9 20.9

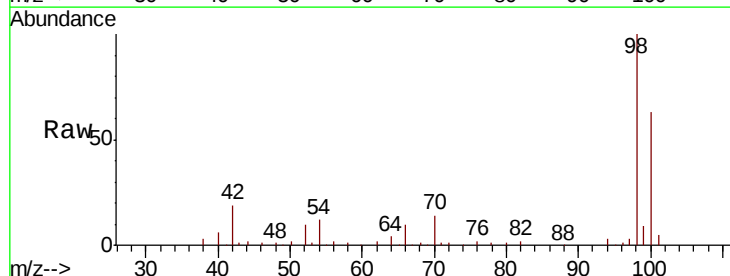


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

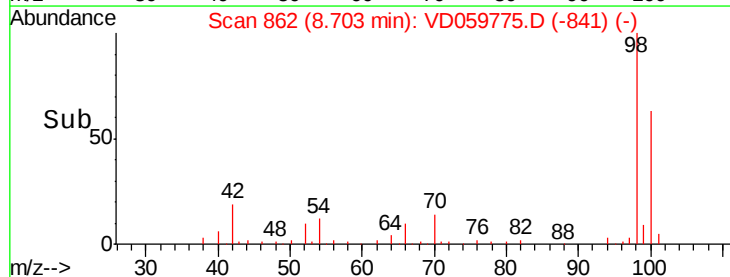
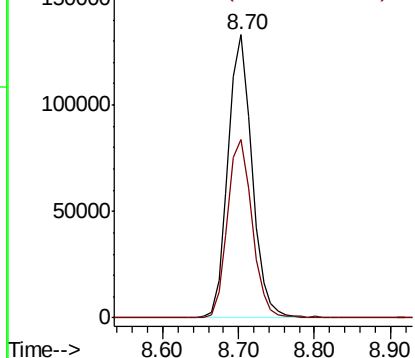


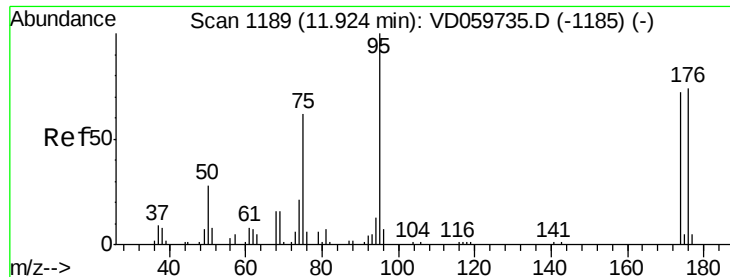
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 862
Delta R.T. 0.01 min
Lab File: VD059775.D
Acq: 14 Aug 2018 19:11

Tgt Ion: 98 Resp: 291430
Ion Ratio Lower Upper
98 100
100 63.3 52.2 78.2



Abundance Ion 98.05 (97.75 to 98.75): VDC
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: VD059775.D

Acq: 14 Aug 2018 19:11

Instrument :

MSVOA_D

ClientSampleId :

SP-1-8

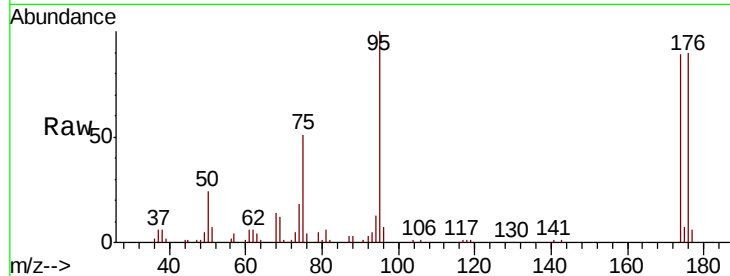
Tot Ion: 95 Resp: 116863

Ion Ratio Lower Upper

95 100

174 88.7 0.0 143.2

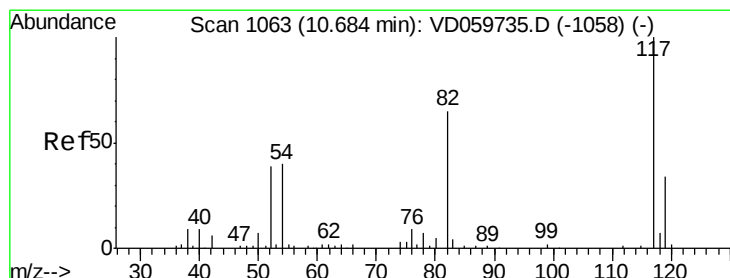
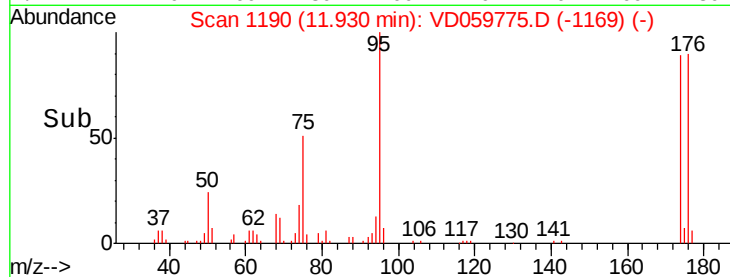
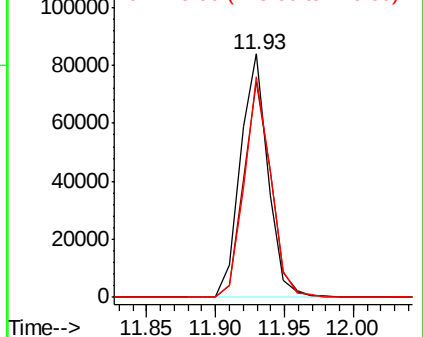
176 90.3 0.0 147.2



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: VD059775.D

Acq: 14 Aug 2018 19:11

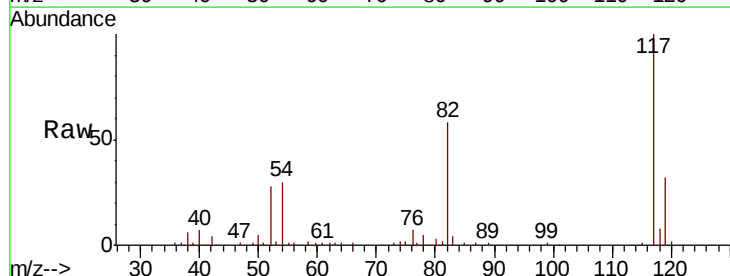
Tgt Ion: 117 Resp: 251514

Ion Ratio Lower Upper

117 100

82 58.2 51.9 77.9

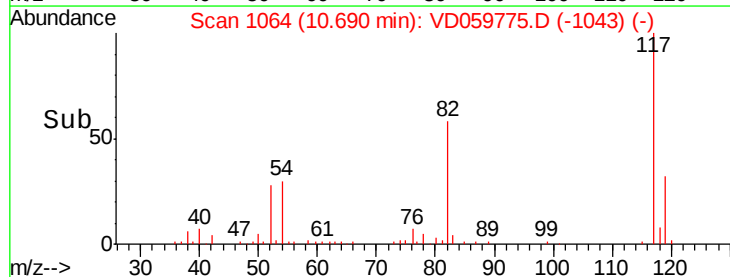
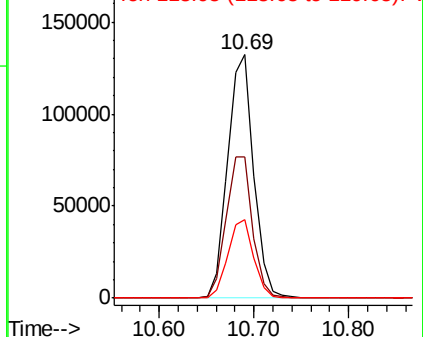
119 32.1 27.4 41.0

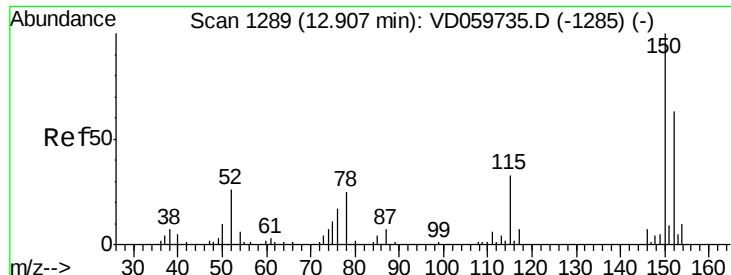


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD059775.D
 Acq: 14 Aug 2018 19:11

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-8

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.8	89.3
150	157.5	0.0	320.4

