

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD081418\
 Data File : VD059767.D
 Acq On : 14 Aug 2018 15:24
 Operator : VA/AP
 Sample : J4430-11RE
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 UST-ERE

Quant Time: Aug 14 15:54:23 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

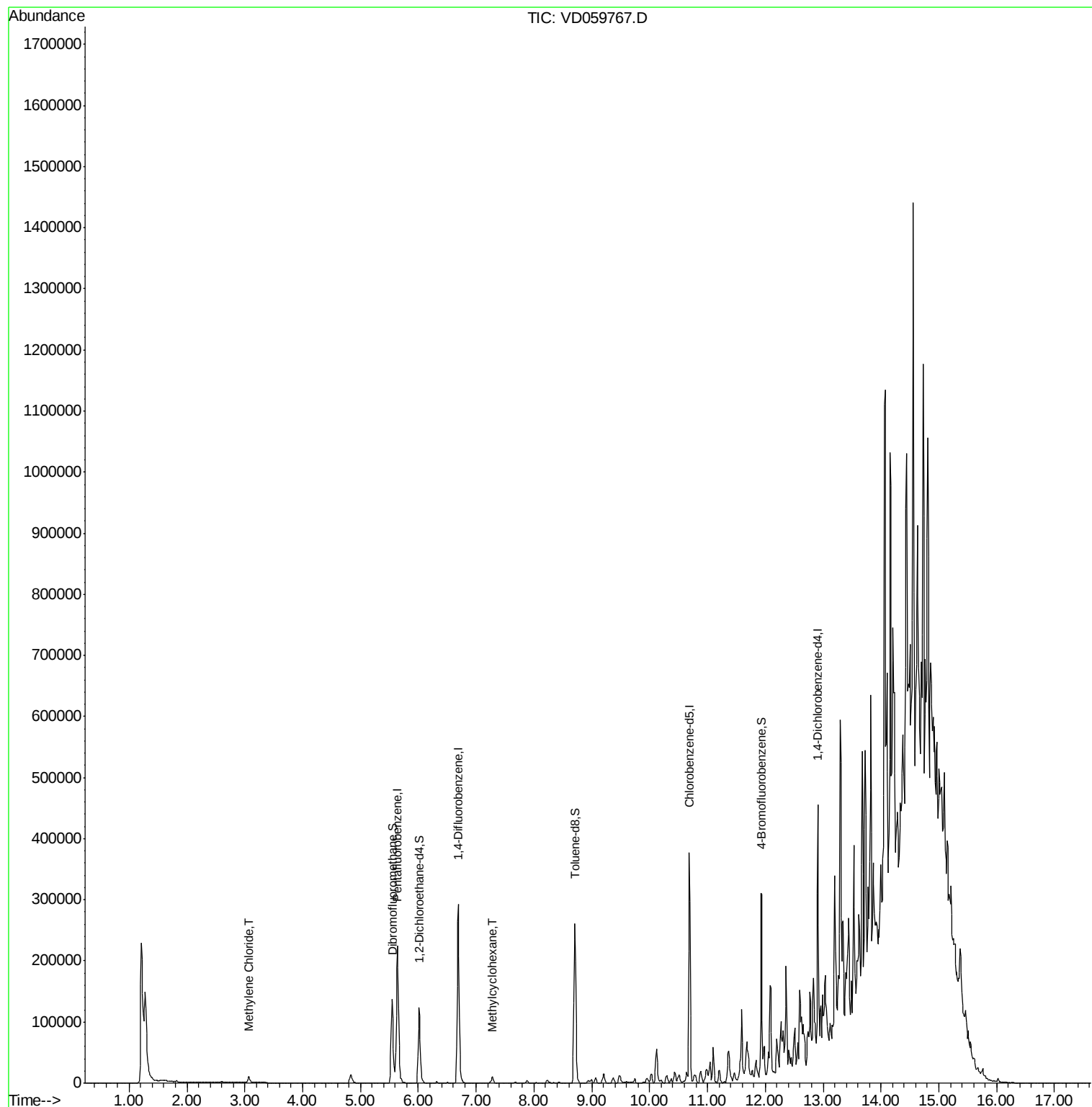
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	205862	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.69	114	284516	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.69	117	197595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	78466	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	133085	41.30	ug/l	0.01
Spiked Amount 50.000			Recovery	=	82.60%	
35) Dibromofluoromethane	5.55	113	113915	38.88	ug/l	0.01
Spiked Amount 50.000			Recovery	=	77.76%	
50) Toluene-d8	8.71	98	200051	34.43	ug/l	0.01
Spiked Amount 50.000			Recovery	=	68.86%	
62) 4-Bromofluorobenzene	11.93	95	85614	29.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.74%	
Target Compounds						
20) Methylene Chloride	3.07	84	4904	3.23	ug/l	Qvalue 87
39) Methylcyclohexane	7.28	83	5854	2.39	ug/l #	88

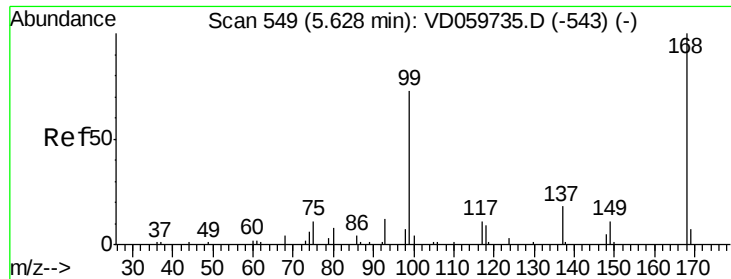
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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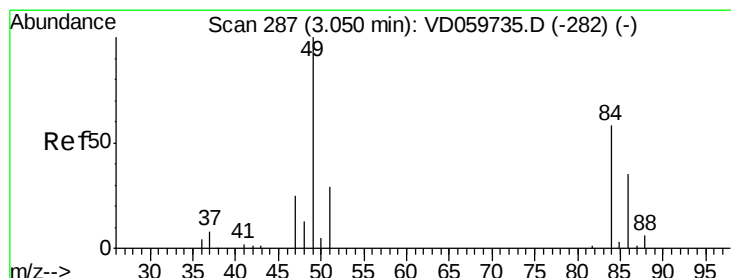
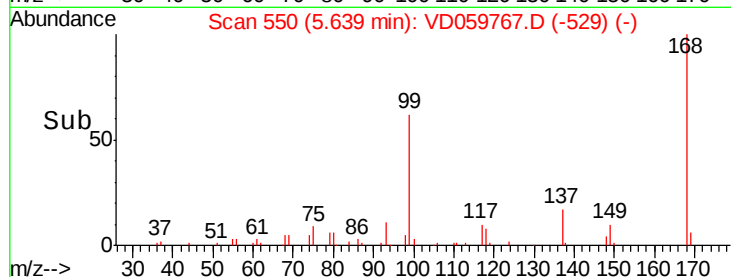
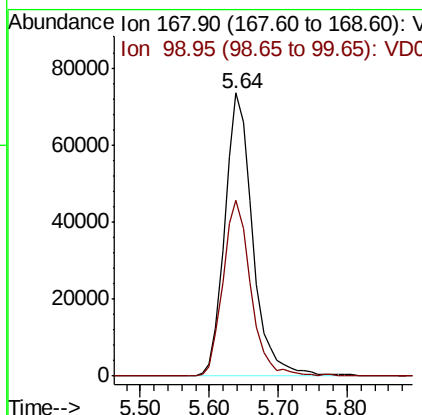
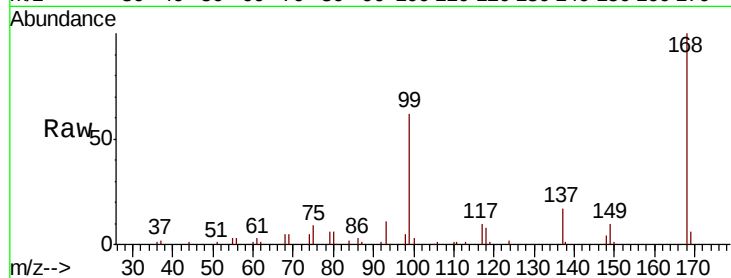




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.64 min Scan# 550
Delta R.T. 0.01 min
Lab File: VD059767.D
Acq: 14 Aug 2018 15:24

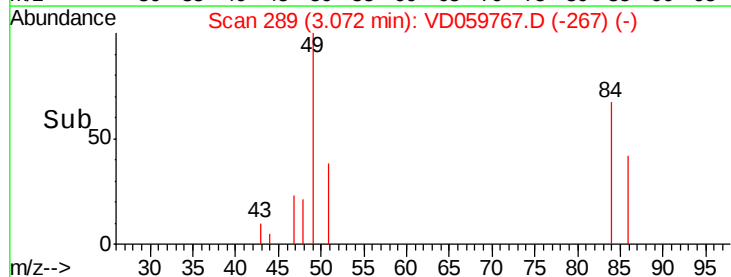
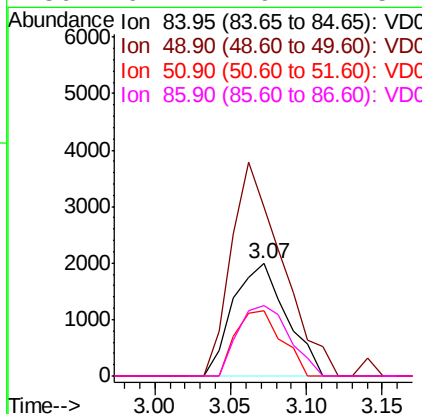
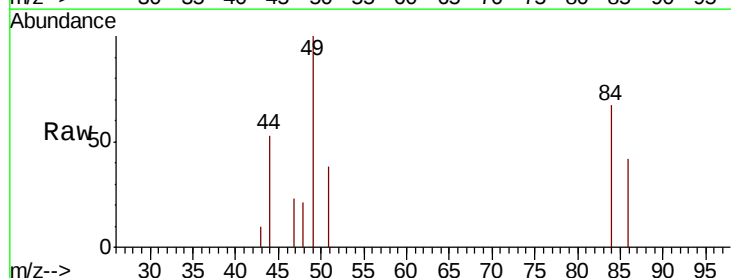
Instrument :
MSVOA_D
ClientSampleId :
UST-ERE

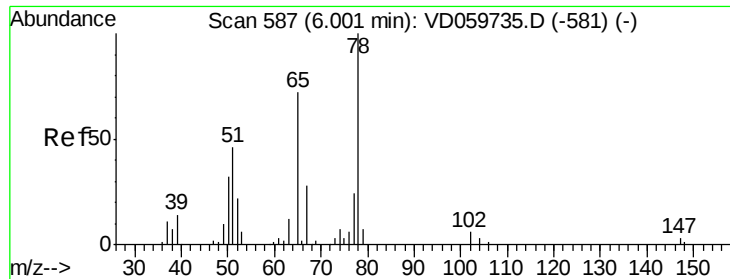
Tot Ion:168 Resp: 205862
Ion Ratio Lower Upper
168 100
99 62.2 61.4 92.2



#20
Methylene Chloride
Concen: 3.23 ug/l
RT: 3.07 min Scan# 289
Delta R.T. 0.02 min
Lab File: VD059767.D
Acq: 14 Aug 2018 15:24

Tgt Ion: 84 Resp: 4904
Ion Ratio Lower Upper
84 100
49 150.4 138.9 208.3
51 57.8 40.2 60.2
86 62.7 49.1 73.7

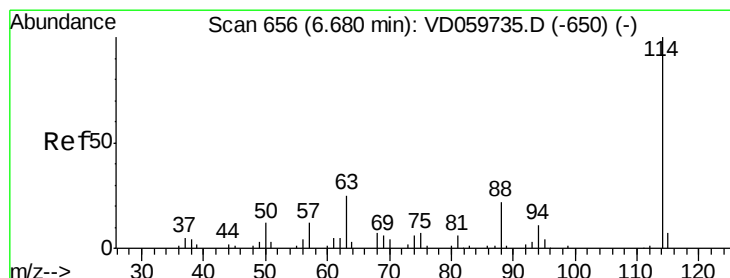
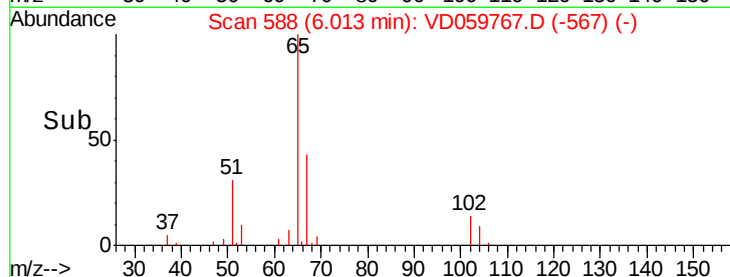
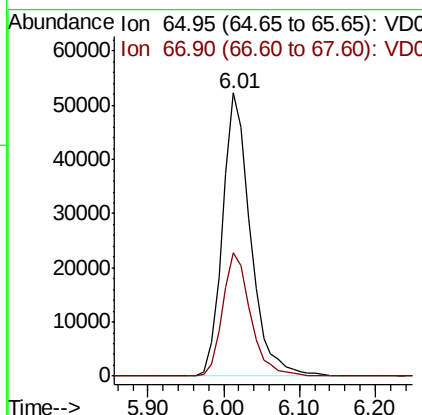
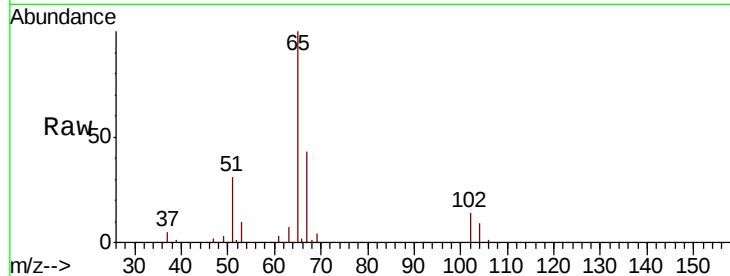




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.01 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: VD059767.D
 Acq: 14 Aug 2018 15:24

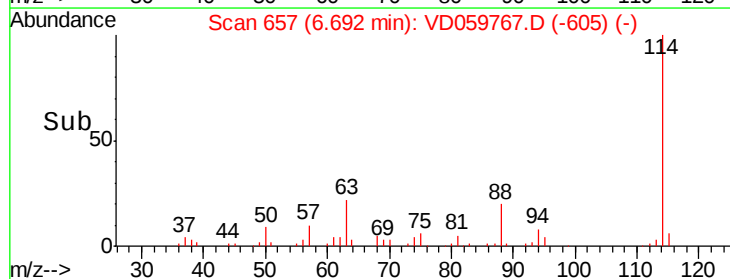
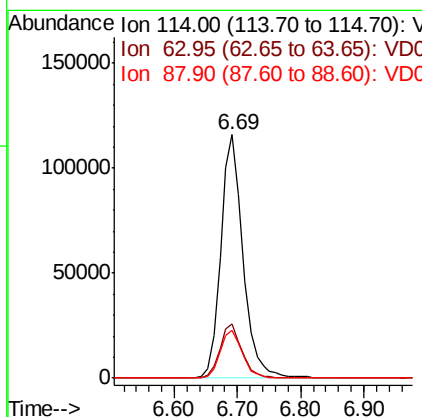
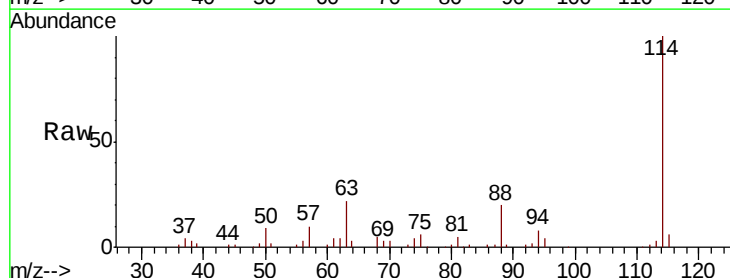
Instrument :
 MSVOA_D
 ClientSampleId :
 UST-ERE

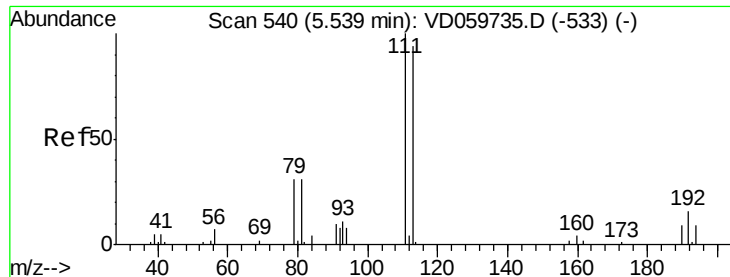
Tot Ion: 65 Resp: 133085
 Ion Ratio Lower Upper
 65 100
 67 43.5 0.0 77.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VD059767.D
 Acq: 14 Aug 2018 15:24

Tgt Ion: 114 Resp: 284516
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 50.6
 88 19.5 0.0 43.4

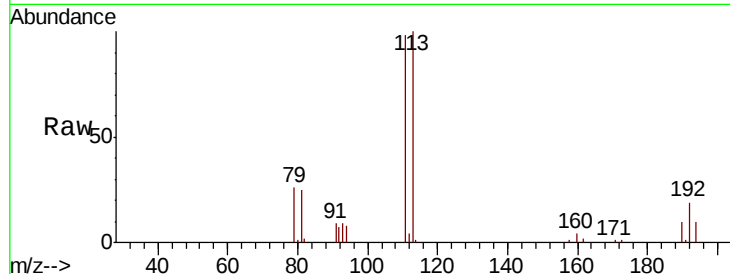




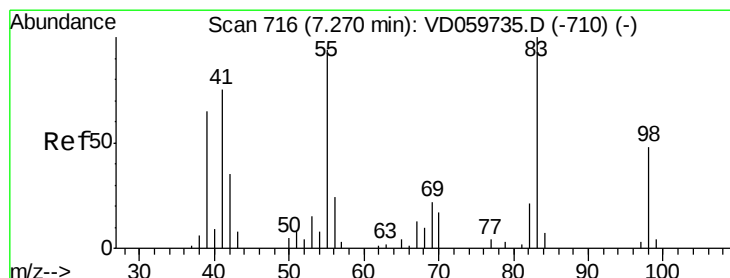
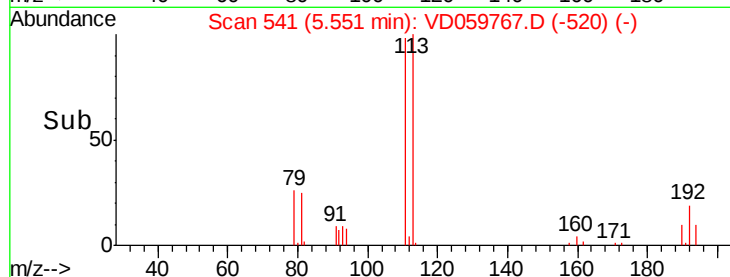
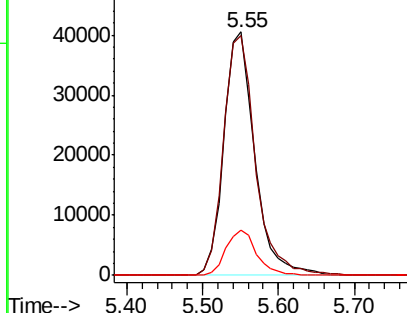
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.55 min Scan# 541
Delta R.T. 0.01 min
Lab File: VD059767.D
Acq: 14 Aug 2018 15:24

Instrument :
MSVOA_D
ClientSampleId :
UST-ERE

Tot Ion:113 Resp: 113915
Ion Ratio Lower Upper
113 100
111 98.3 85.3 127.9
192 18.7 13.9 20.9

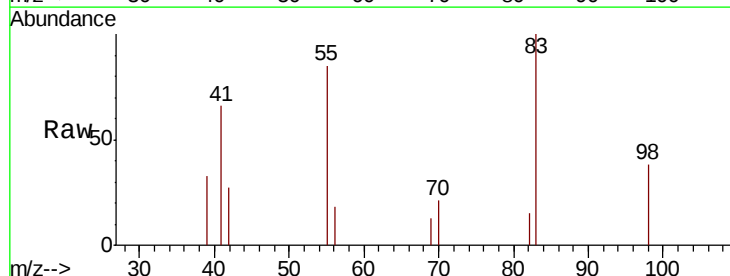


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

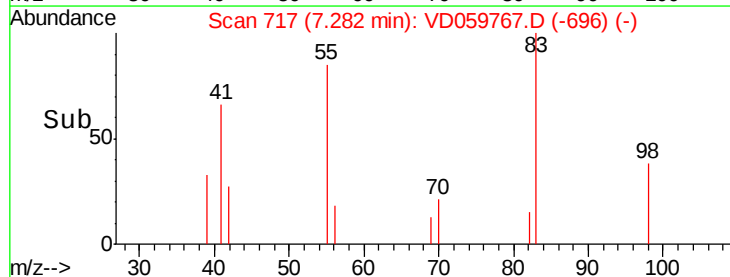
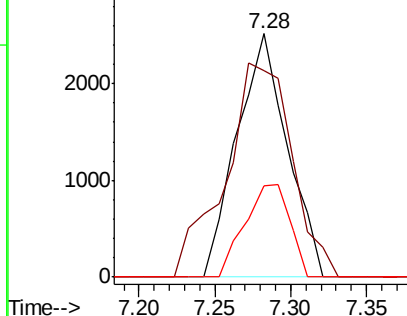


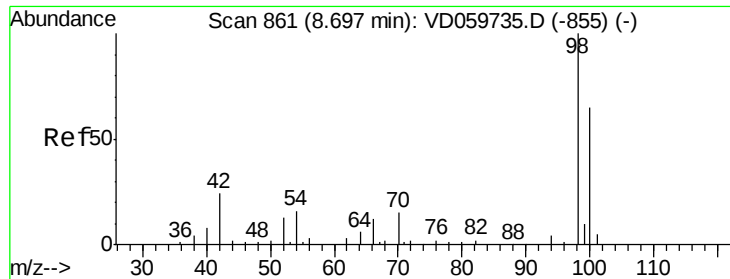
#39
Methylcyclohexane
Concen: 2.39 ug/l
RT: 7.28 min Scan# 717
Delta R.T. 0.01 min
Lab File: VD059767.D
Acq: 14 Aug 2018 15:24

Tgt Ion: 83 Resp: 5854
Ion Ratio Lower Upper
83 100
55 84.9 75.1 112.7
98 37.6 38.7 58.1#



Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.71 min Scan# 862

Delta R.T. 0.01 min

Lab File: VD059767.D

Acq: 14 Aug 2018 15:24

Instrument :

MSVOA_D

ClientSampleId :

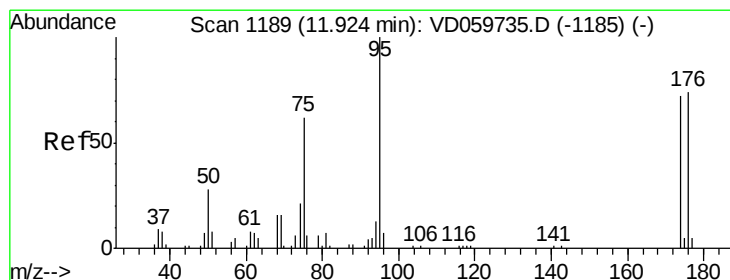
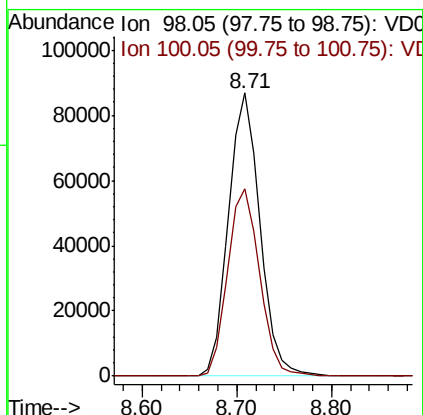
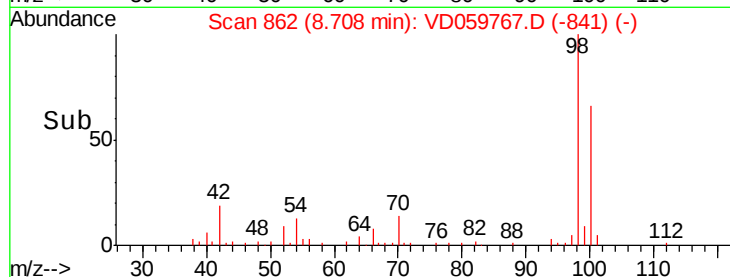
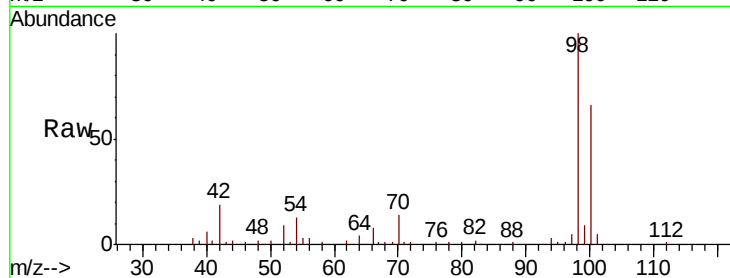
UST-ERE

Tot Ion: 98 Resp: 200051

Ion Ratio Lower Upper

98 100

100 66.4 52.2 78.2



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VD059767.D

Acq: 14 Aug 2018 15:24

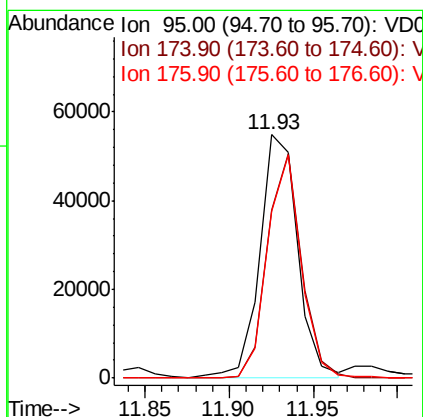
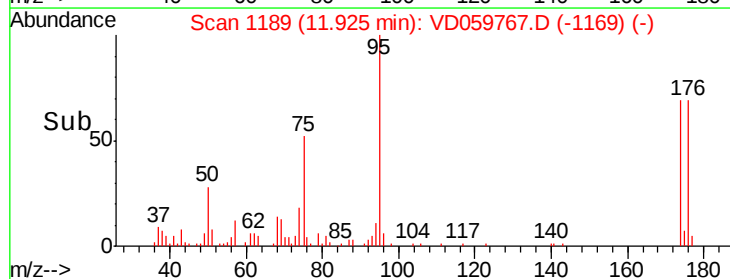
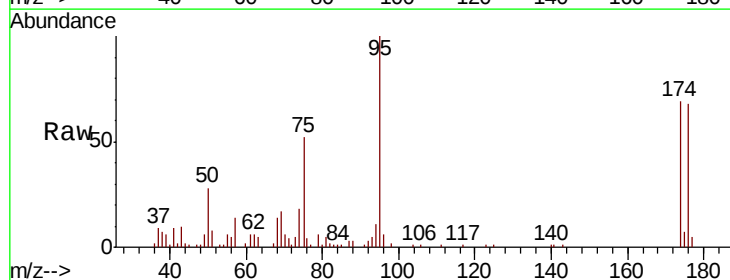
Tgt Ion: 95 Resp: 85614

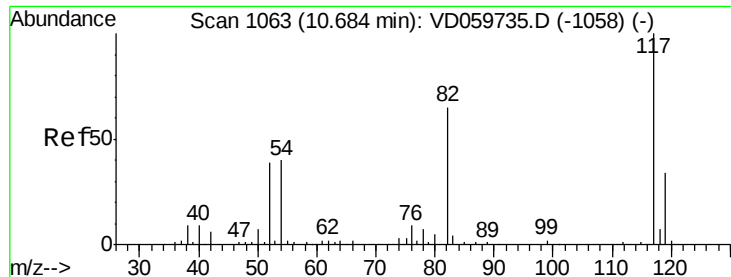
Ion Ratio Lower Upper

95 100

174 69.0 0.0 143.2

176 68.3 0.0 147.2





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.69 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VD059767.D

Acq: 14 Aug 2018 15:24

Instrument :

MSVOA_D

ClientSampleId :

UST-ERE

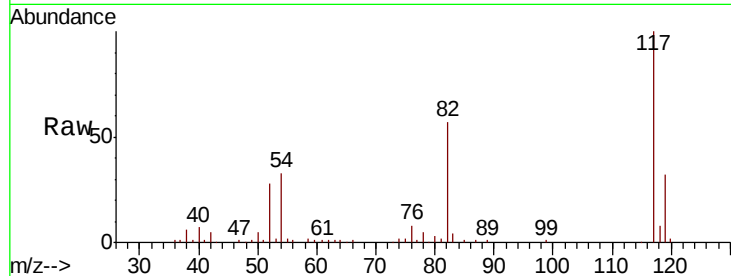
Tot Ion:117 Resp: 197595

Ion Ratio Lower Upper

117 100

82 57.3 51.9 77.9

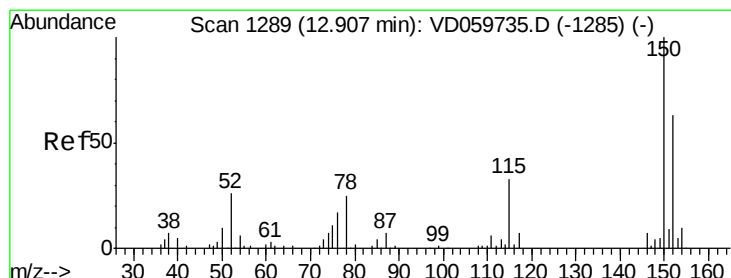
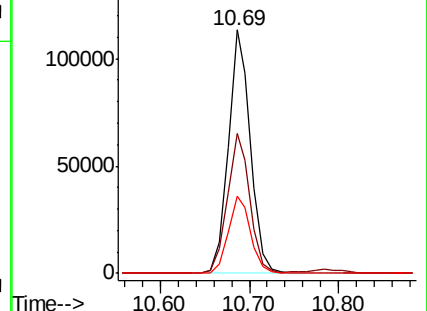
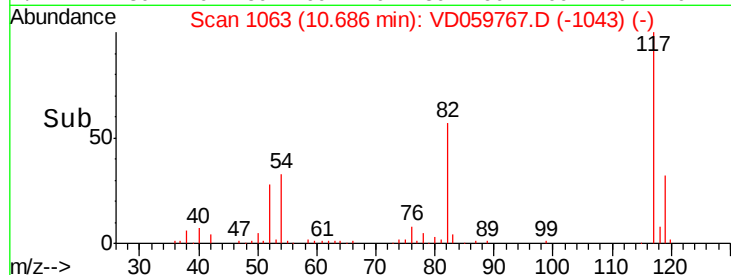
119 32.0 27.4 41.0



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# 1289

Delta R.T. 0.00 min

Lab File: VD059767.D

Acq: 14 Aug 2018 15:24

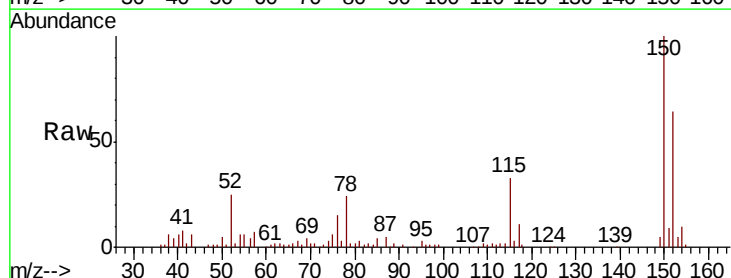
Tgt Ion:152 Resp: 78466

Ion Ratio Lower Upper

152 100

115 52.1 29.8 89.3

150 156.0 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

