

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081318\
 Data File : VD059747.D
 Acq On : 13 Aug 2018 21:38
 Operator : VA/AP
 Sample : J4430-11
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 UST-E

Quant Time: Aug 14 08:14:27 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

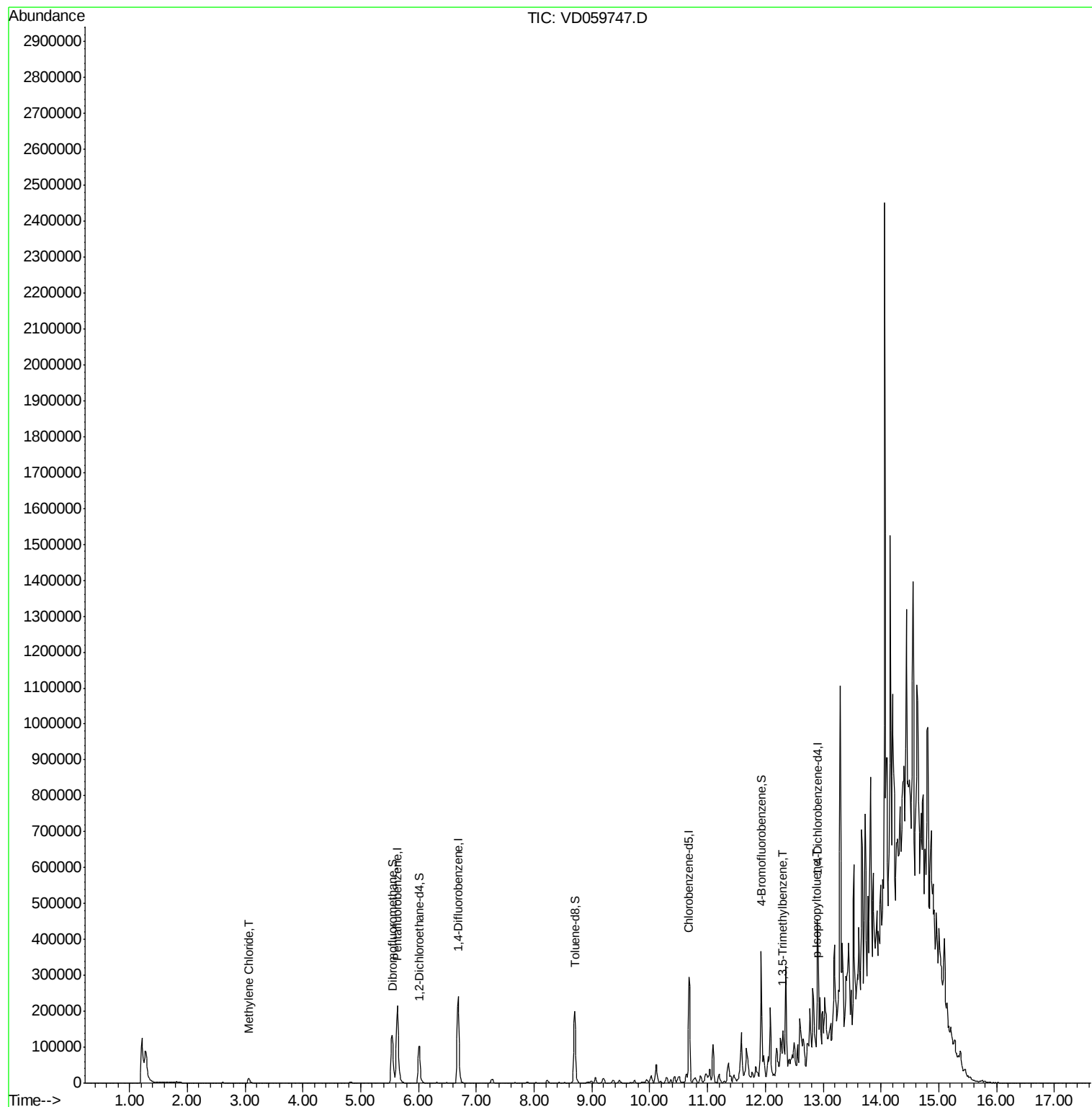
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	186196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	223039	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	145321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	68969	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	123292	42.30	ug/l	0.01
Spiked Amount 50.000			Recovery	=	84.60%	
35) Dibromofluoromethane	5.54	113	107550	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
50) Toluene-d8	8.70	98	138847	30.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.96%	
62) 4-Bromofluorobenzene	11.93	95	77975	34.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.26%	
Target Compounds						
20) Methylene Chloride	3.06	84	6398	4.66	ug/l	93
80) 1,3,5-Trimethylbenzene	12.31	105	13643	3.36	ug/l	93
86) p-Isopropyltoluene	12.88	119	8692	2.06	ug/l	98

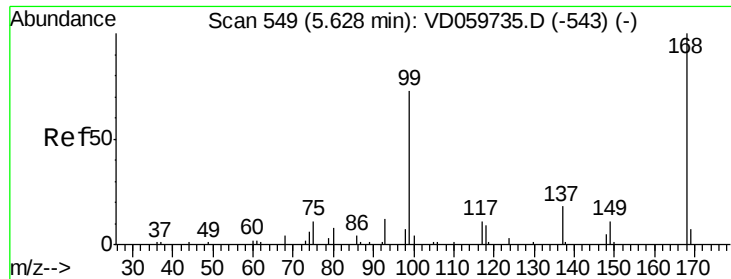
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.63 min Scan# 550

Delta R.T. 0.00 min

Lab File: VD059747.D

Acq: 13 Aug 2018 21:38

Instrument :

MSVOA_D

ClientSampleId :

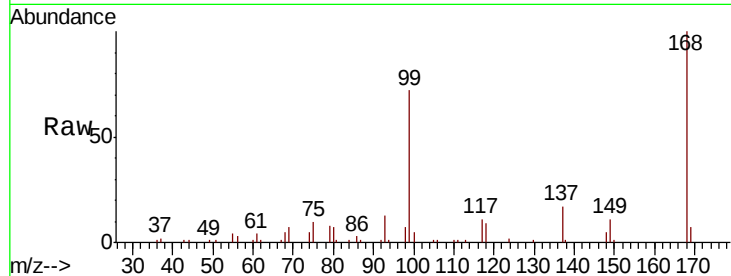
UST-E

Tot Ion:168 Resp: 186196

Ion Ratio Lower Upper

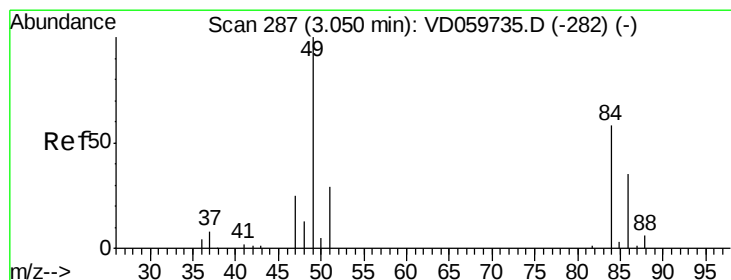
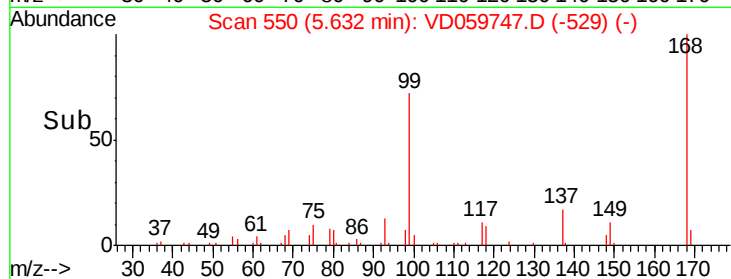
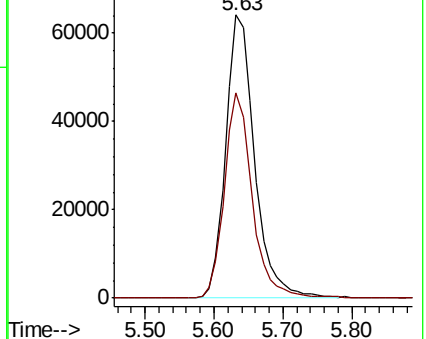
168 100

99 72.4 61.4 92.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 4.66 ug/l

RT: 3.06 min Scan# 289

Delta R.T. 0.01 min

Lab File: VD059747.D

Acq: 13 Aug 2018 21:38

Tgt Ion: 84 Resp: 6398

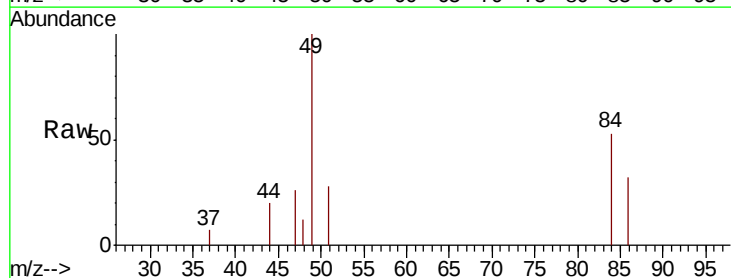
Ion Ratio Lower Upper

84 100

49 187.0 138.9 208.3

51 52.0 40.2 60.2

86 59.3 49.1 73.7

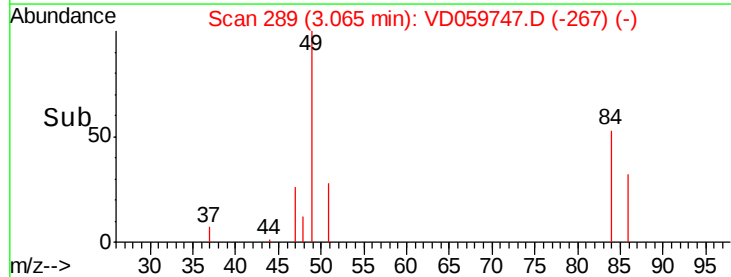
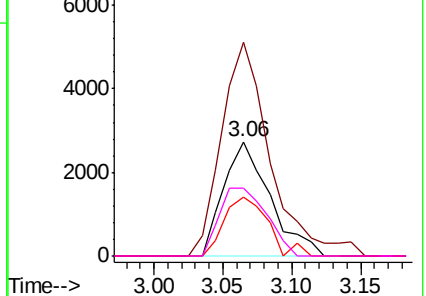


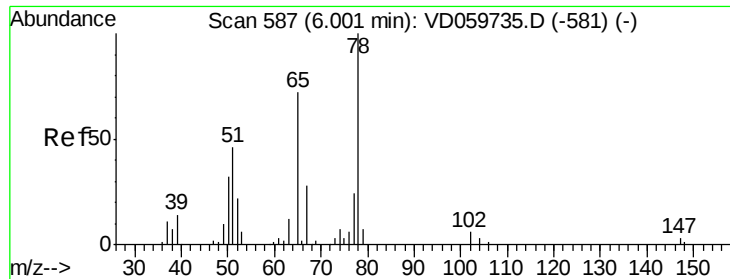
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

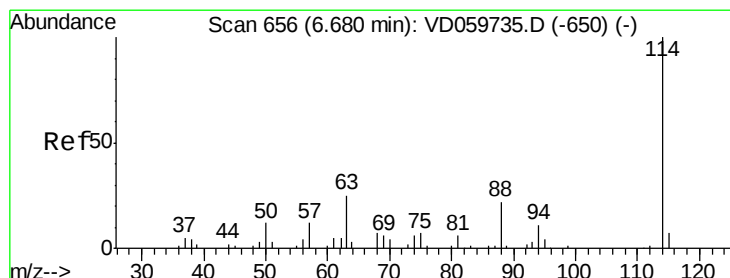
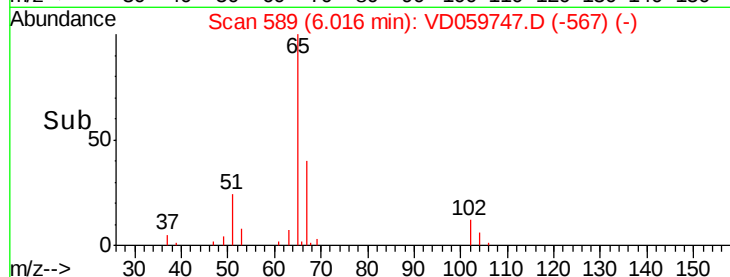
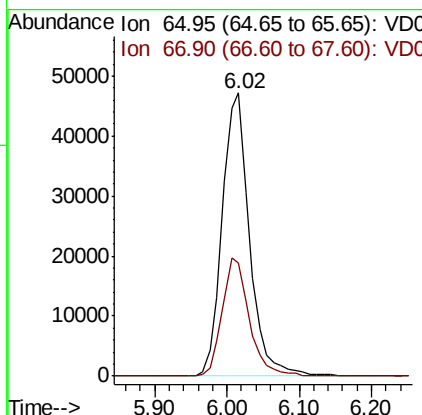
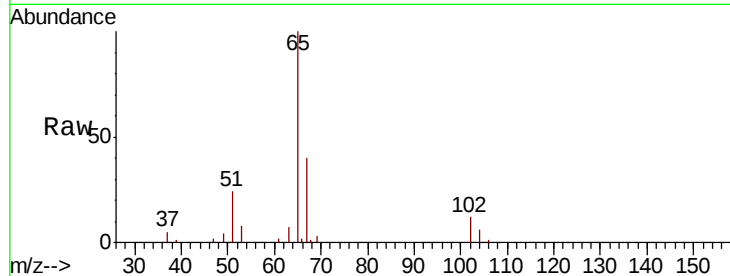




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. 0.01 min
 Lab File: VD059747.D
 Acq: 13 Aug 2018 21:38

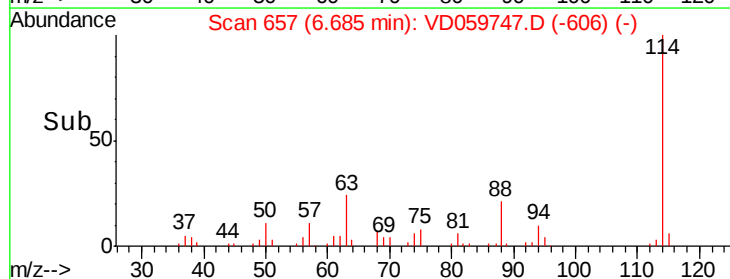
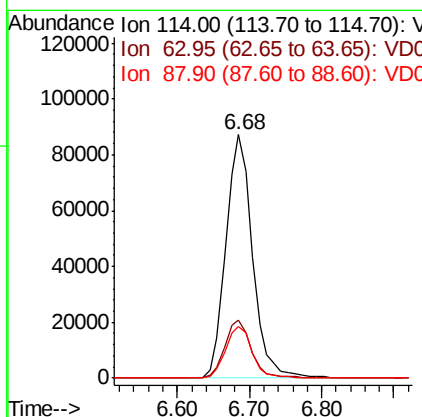
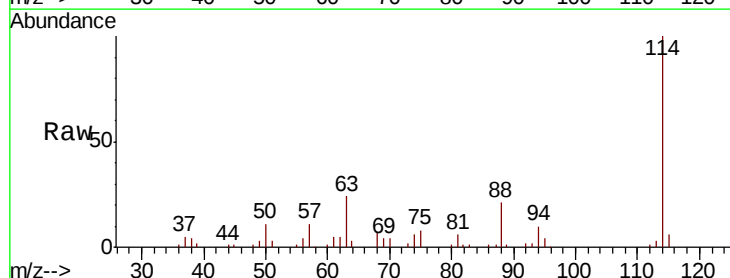
Instrument :
 MSVOA_D
 ClientSampled :
 UST-E

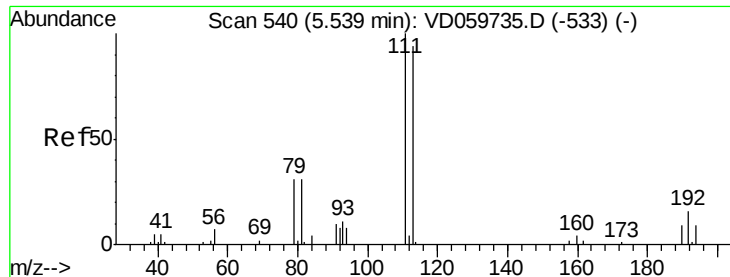
Tot Ion: 65 Resp: 123292
 Ion Ratio Lower Upper
 65 100
 67 40.2 0.0 77.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: VD059747.D
 Acq: 13 Aug 2018 21:38

Tgt Ion: 114 Resp: 223039
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 50.6
 88 21.0 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: VD059747.D

Acq: 13 Aug 2018 21:38

Instrument :
MSVOA_D
ClientSampleId :
UST-E

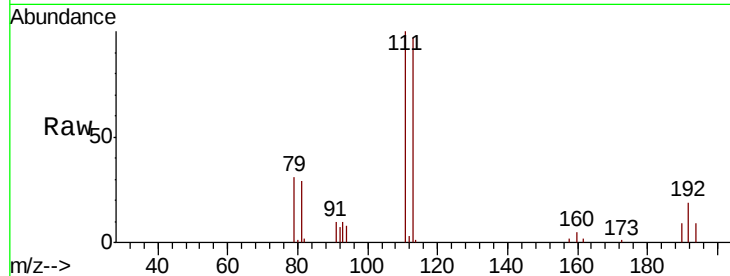
Tot Ion:113 Resp: 107550

Ion Ratio Lower Upper

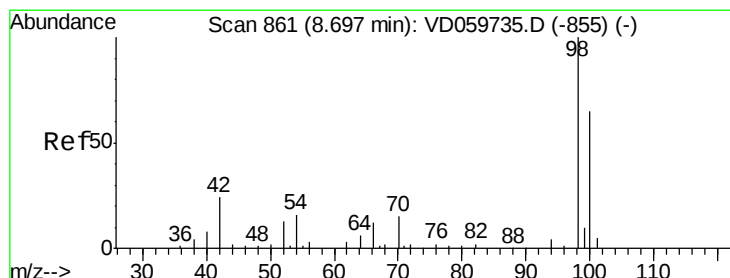
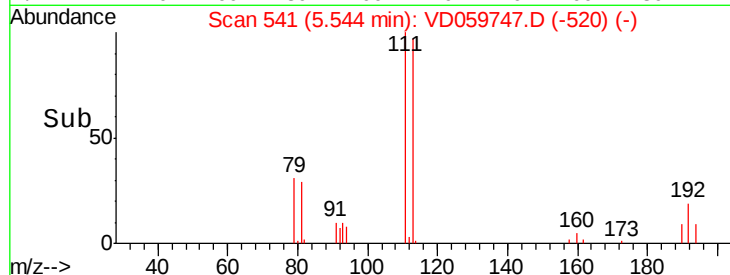
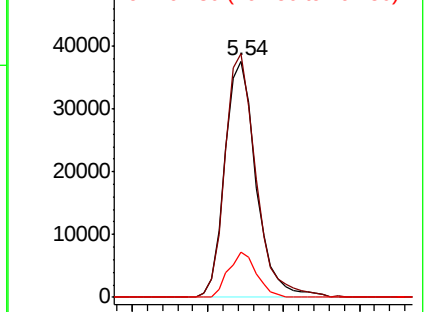
113 100

111 103.1 85.3 127.9

192 19.3 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: VD059747.D

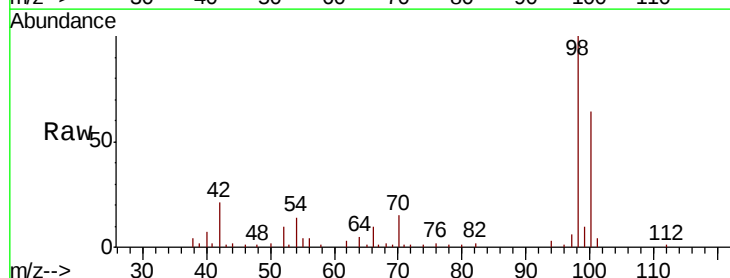
Acq: 13 Aug 2018 21:38

Tgt Ion: 98 Resp: 138847

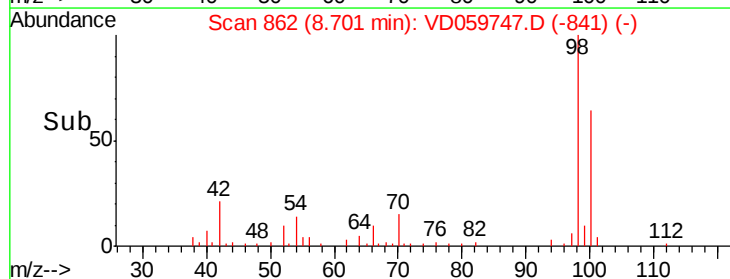
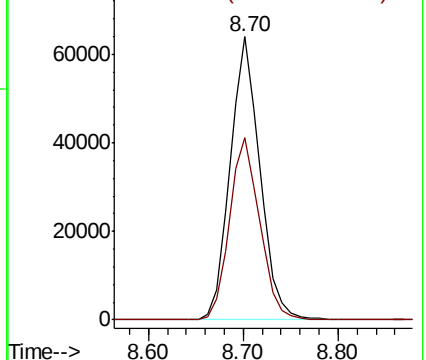
Ion Ratio Lower Upper

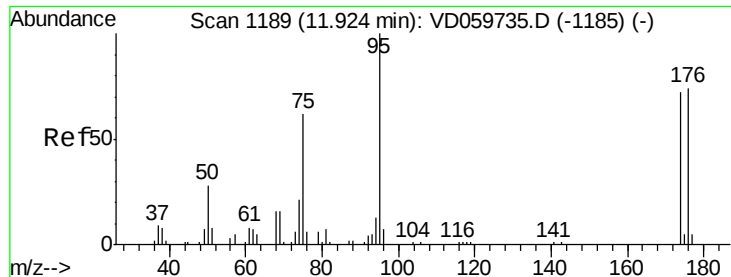
98 100

100 64.2 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: VD059747.D

Acq: 13 Aug 2018 21:38

Instrument :

MSVOA_D

ClientSampleId :

UST-E

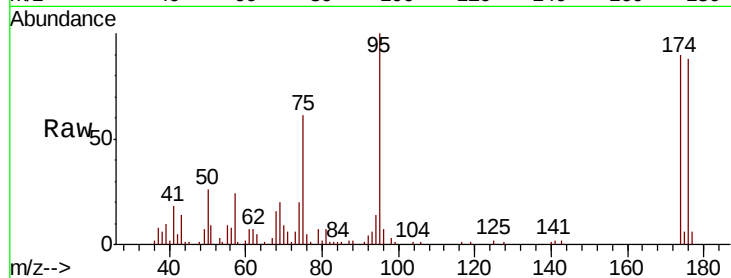
Tot Ion: 95 Resp: 77975

Ion Ratio Lower Upper

95 100

174 90.0 0.0 143.2

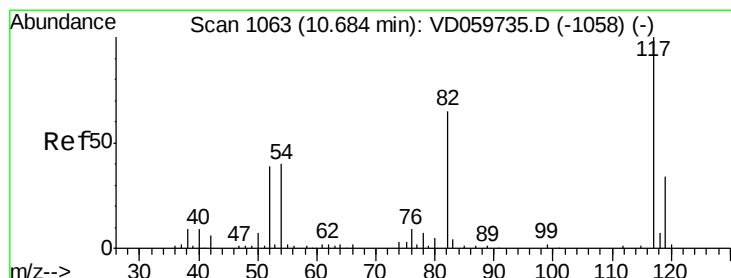
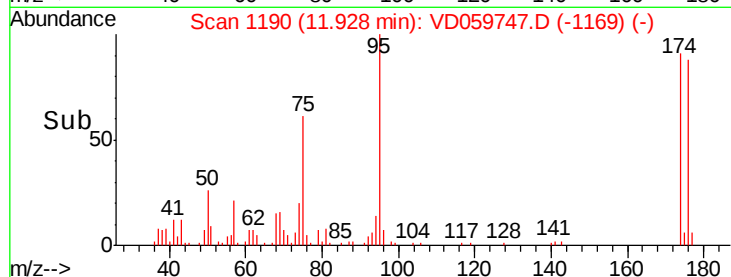
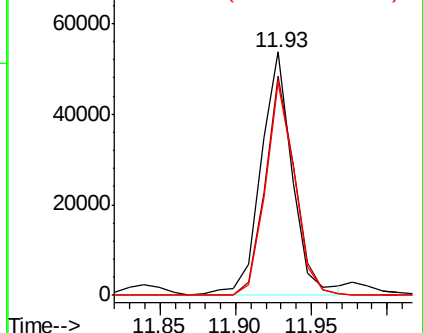
176 87.6 0.0 147.2



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: 10.68 min Scan# 1063

Delta R.T. -0.01 min

Lab File: VD059747.D

Acq: 13 Aug 2018 21:38

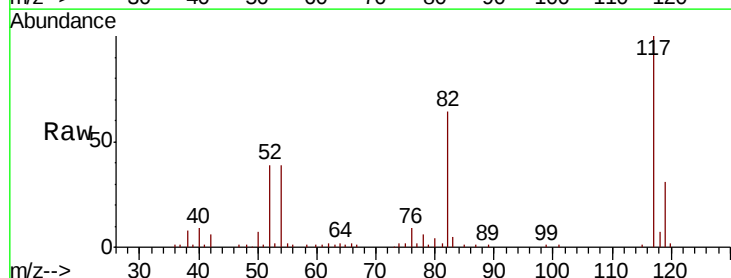
Tgt Ion: 117 Resp: 145321

Ion Ratio Lower Upper

117 100

82 64.3 51.9 77.9

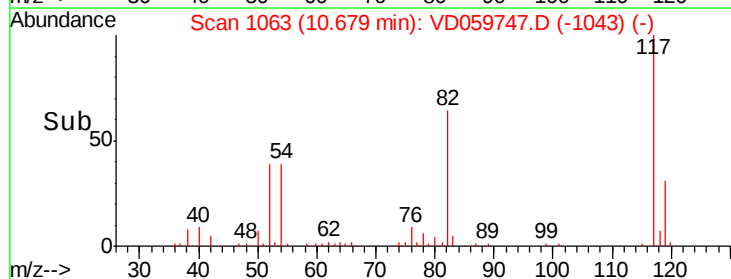
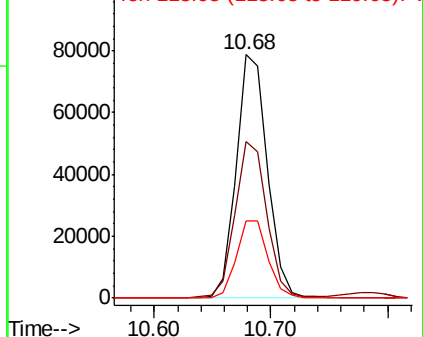
119 31.5 27.4 41.0

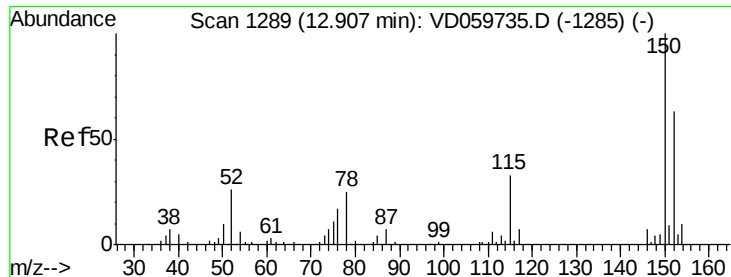


Abundance Ion 116.95 (116.65 to 117.65): V

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. -0.01 min

Lab File: VD059747.D

Acq: 13 Aug 2018 21:38

Instrument :

MSVOA_D

ClientSampleId :

UST-E

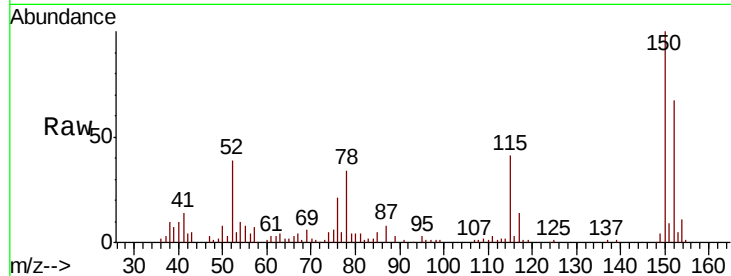
Tot Ion:152 Resp: 68969

Ion Ratio Lower Upper

152 100

115 61.5 29.8 89.3

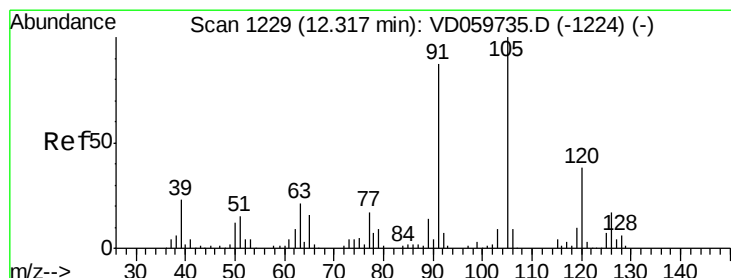
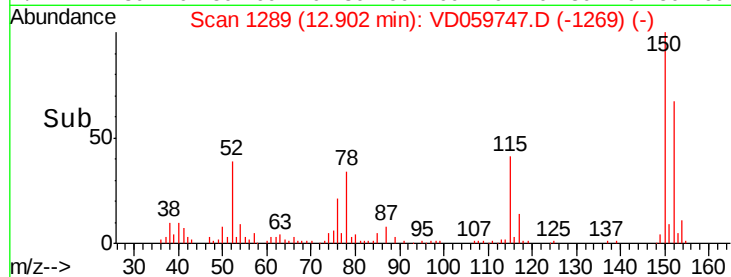
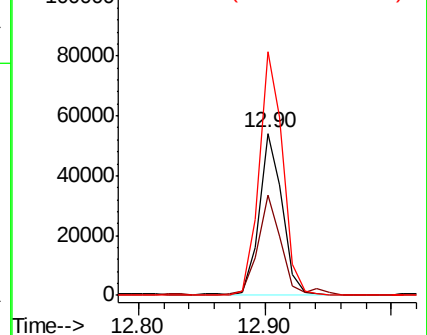
150 150.2 0.0 320.4



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



#80

1,3,5-Trimethylbenzene

Concen: 3.36 ug/l

RT: 12.31 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VD059747.D

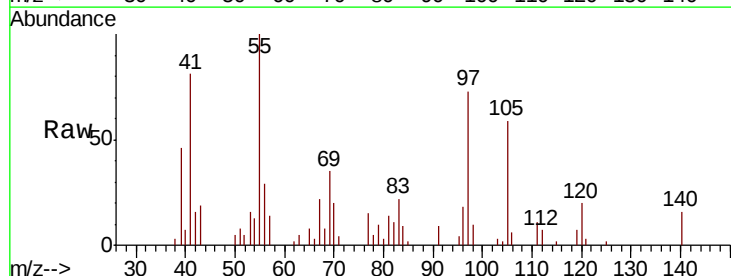
Acq: 13 Aug 2018 21:38

Tgt Ion:105 Resp: 13643

Ion Ratio Lower Upper

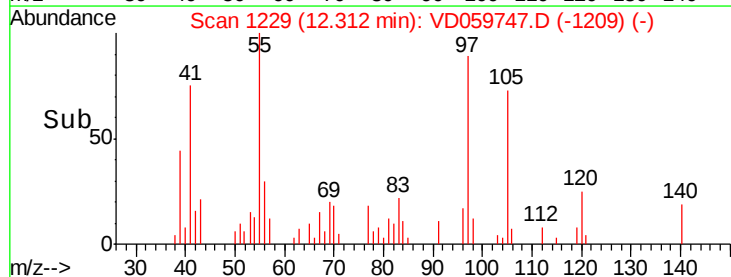
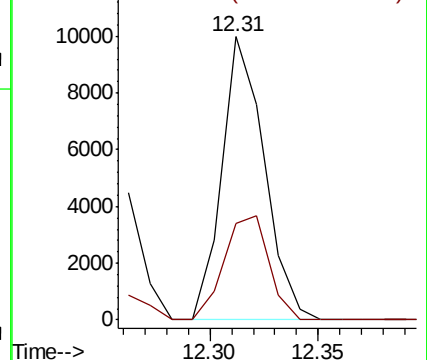
105 100

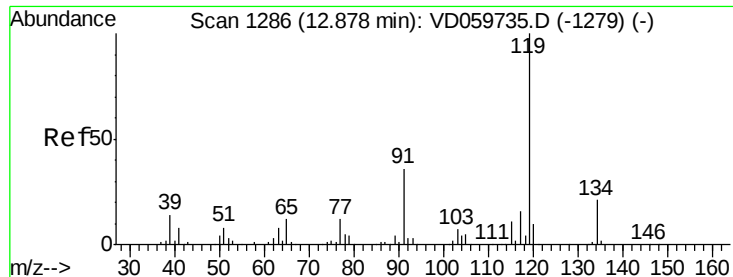
120 34.3 19.2 57.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#86
 p-Isopropyltoluene
 Concen: 2.06 ug/l
 RT: 12.88 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VD059747.D
 Acq: 13 Aug 2018 21:38

Instrument :
 MSVOA_D
 ClientSampleId :
 UST-E

Tot Ion	Ratio	Lower	Upper
119	100		
134	23.6	10.5	31.6
91	36.2	17.9	53.7

