

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103118\
 Data File : VD060255.D
 Acq On : 31 Oct 2018 21:34
 Operator : VA/AP
 Sample : J5737-03
 Misc : 4.17g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-B

Quant Time: Nov 01 00:56:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

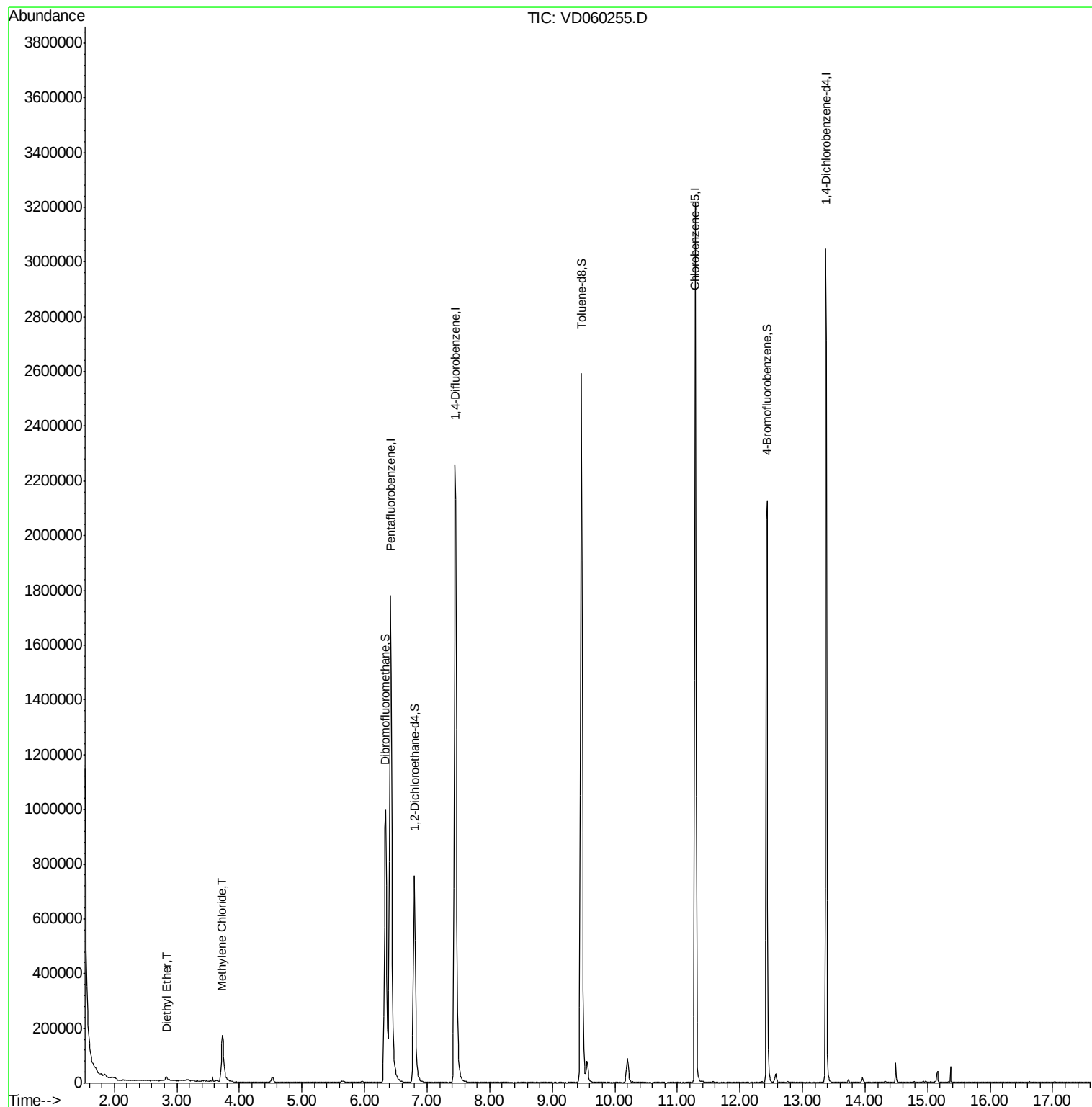
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1721579	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.45	114	2468552	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.28	117	1823490	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	750732	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	621061	47.59	ug/l	0.04
Spiked Amount 50.000			Recovery	=	95.18%	
35) Dibromofluoromethane	6.33	113	782246	41.73	ug/l	0.04
Spiked Amount 50.000			Recovery	=	83.46%	
50) Toluene-d8	9.46	98	2061797	38.57	ug/l	0.03
Spiked Amount 50.000			Recovery	=	77.14%	
62) 4-Bromofluorobenzene	12.43	95	661196	33.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.08%	
Target Compounds						
8) Diethyl Ether	2.83	74	5058	1.719	ug/l	86
20) Methylene Chloride	3.73	84	110040	1.754	ug/l	93

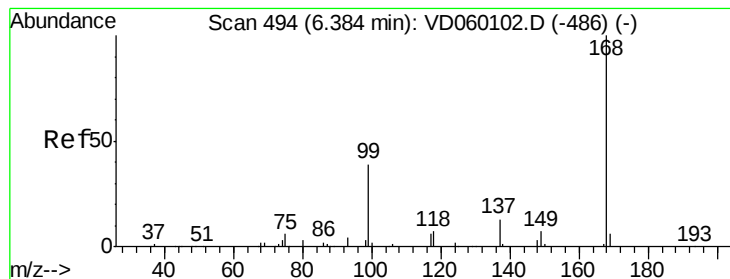
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 497

Delta R.T. 0.03 min

Lab File: VD060255.D

Acq: 31 Oct 2018 21:34

Instrument :

MSVOA_D

ClientSampleId :

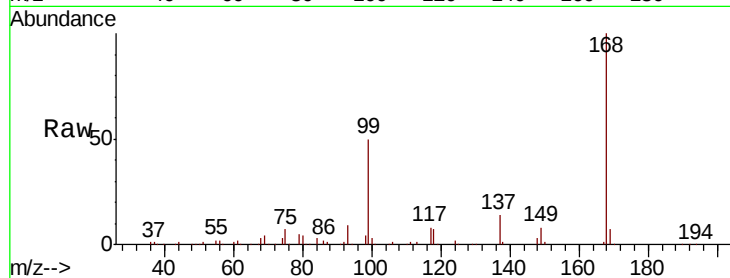
TP-B

Tot Ion:168 Resp: 1721579

Ion Ratio Lower Upper

168 100

99 49.6 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

600000

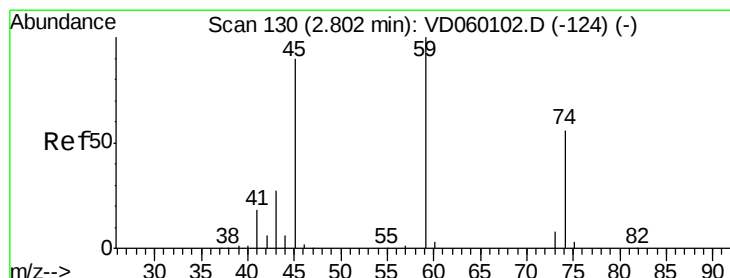
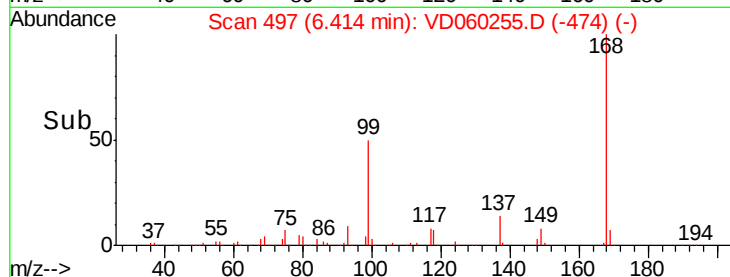
400000

200000

0

Time-->

6.30 6.40 6.50 6.60



#8

Diethyl Ether

Concen: 1.719 ug/l

RT: 2.83 min Scan# 133

Delta R.T. 0.03 min

Lab File: VD060255.D

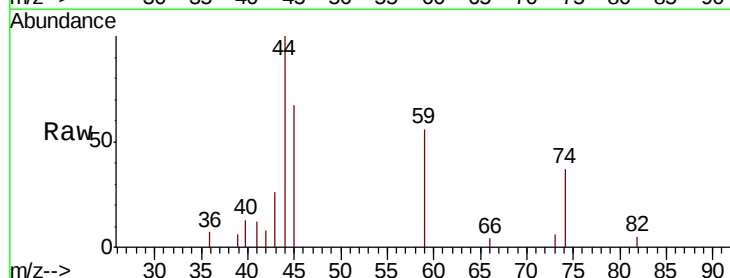
Acq: 31 Oct 2018 21:34

Tgt Ion: 74 Resp: 5058

Ion Ratio Lower Upper

74 100

45 178.9 80.3 241.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

5000

4000

3000

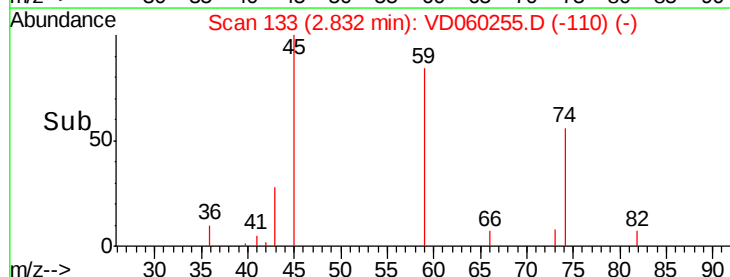
2000

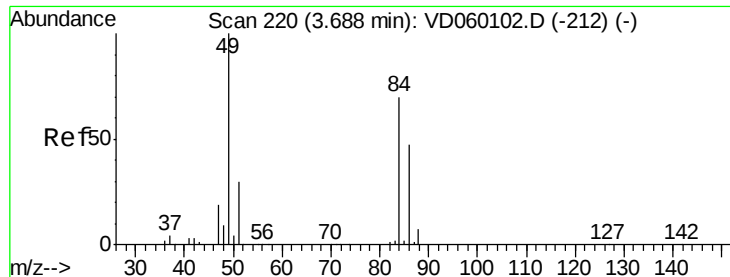
1000

0

Time-->

2.75 2.80 2.85 2.90

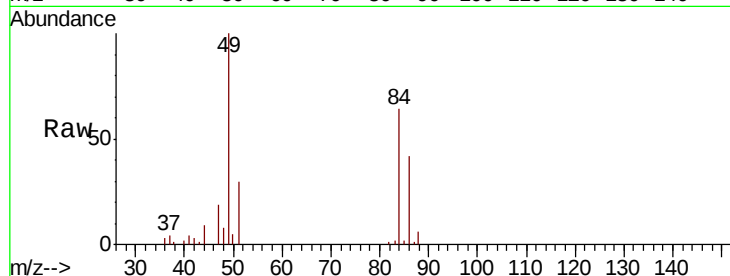




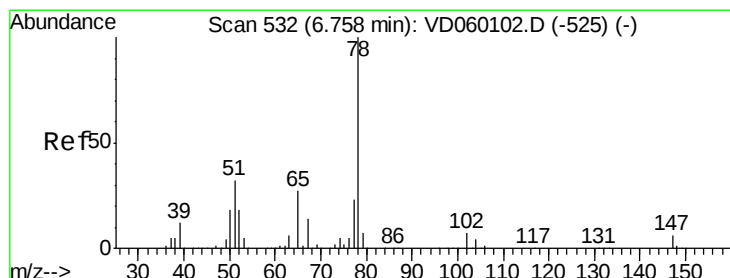
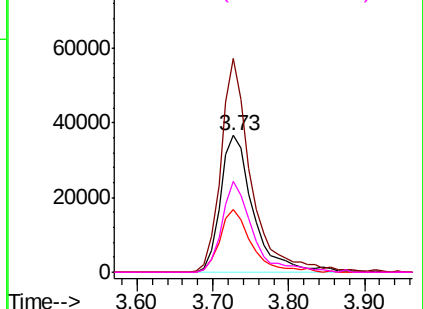
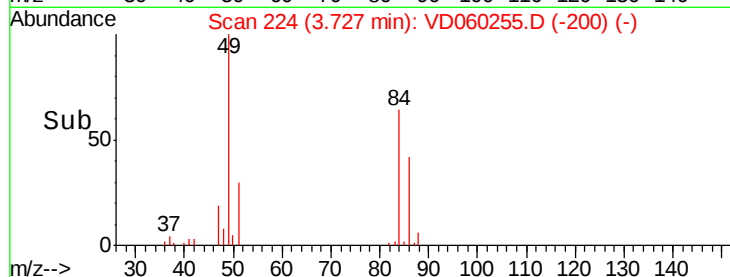
#20
Methylene Chloride
Concen: 1.754 ug/l
RT: 3.73 min Scan# 224
Delta R.T. 0.04 min
Lab File: VD060255.D
Acq: 31 Oct 2018 21:34

Instrument :
MSVOA_D
ClientSampleID :
TP-B

Tot Ion: 84 Resp: 110040
Ion Ratio Lower Upper
84 100
49 156.6 114.6 172.0
51 46.4 33.8 50.8
86 66.5 53.3 79.9

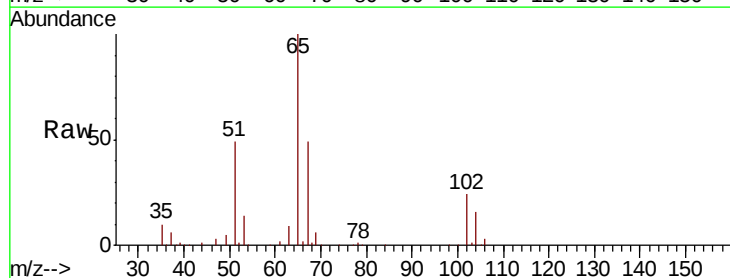


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

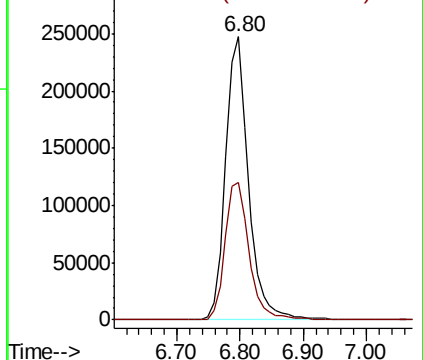
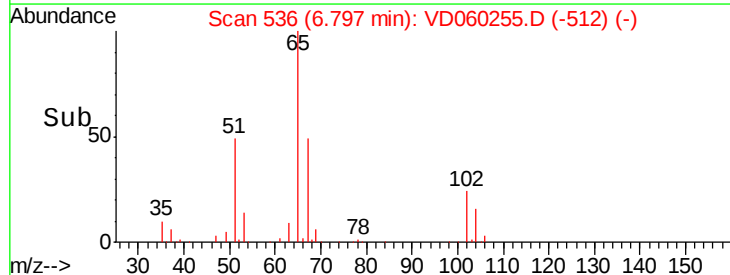


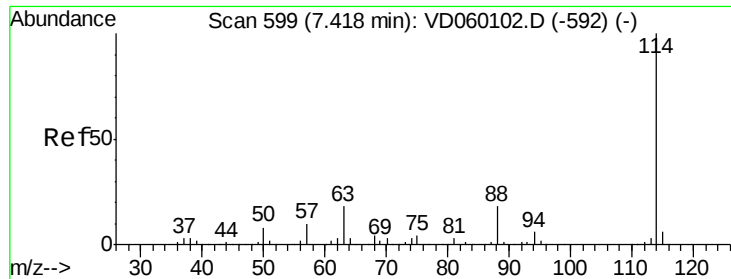
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.80 min Scan# 536
Delta R.T. 0.04 min
Lab File: VD060255.D
Acq: 31 Oct 2018 21:34

Tgt Ion: 65 Resp: 621061
Ion Ratio Lower Upper
65 100
67 48.6 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

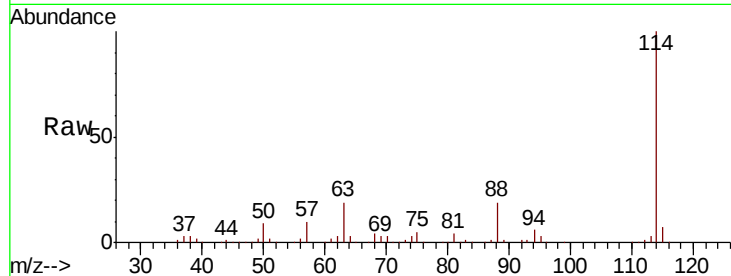




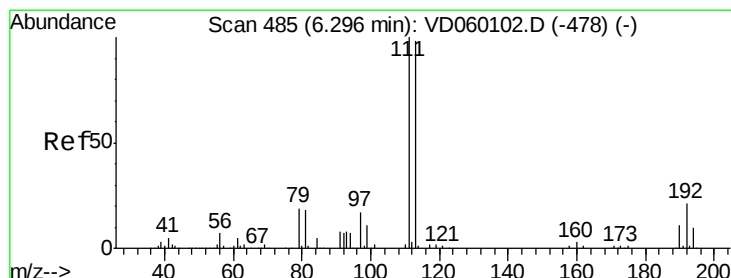
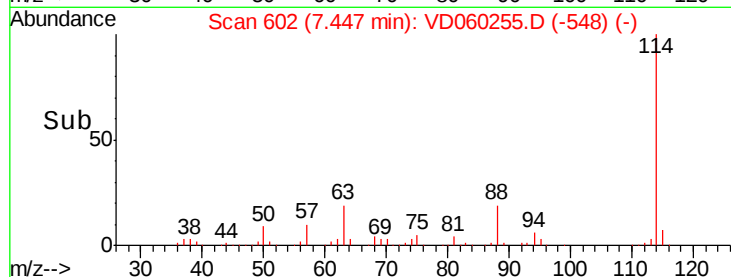
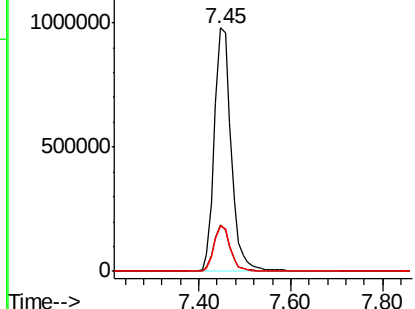
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060255.D
 Acq: 31 Oct 2018 21:34

Instrument :
 MSVOA_D
 ClientSampled :
 TP-B

Tot Ion:114 Resp: 2468552
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 36.0
 88 18.7 0.0 36.2

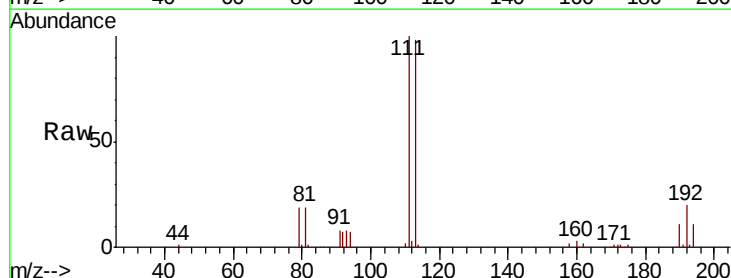


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

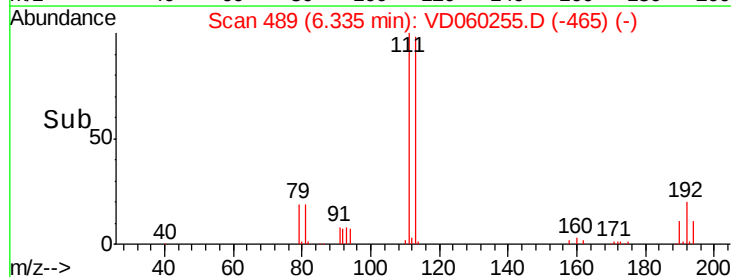
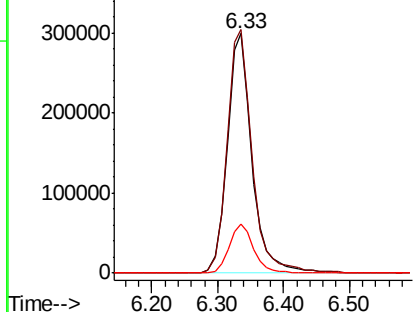


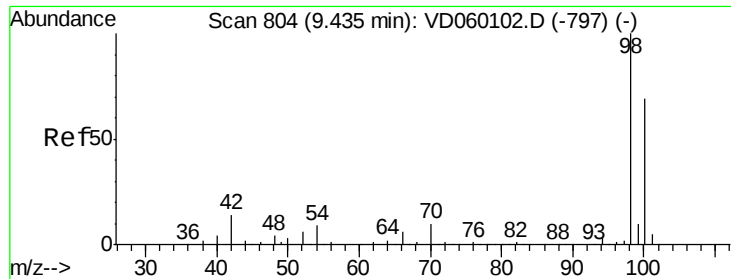
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 489
 Delta R.T. 0.04 min
 Lab File: VD060255.D
 Acq: 31 Oct 2018 21:34

Tgt Ion:113 Resp: 782246
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.5 122.3
 192 20.7 17.4 26.0



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

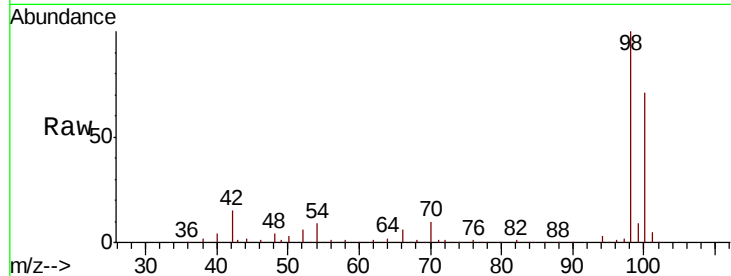




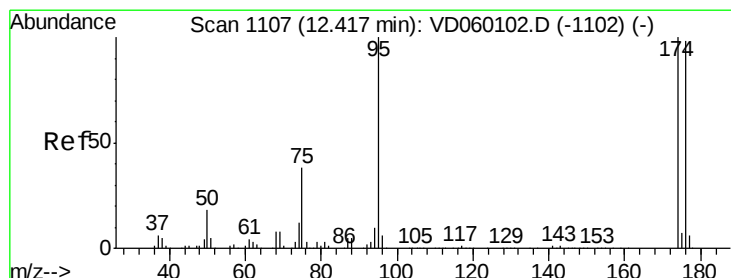
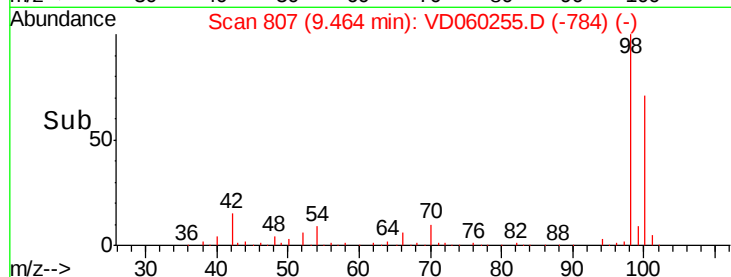
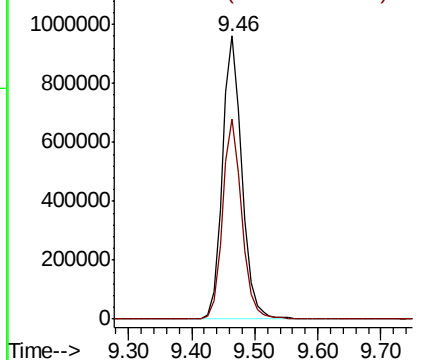
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. 0.03 min
Lab File: VD060255.D
Acq: 31 Oct 2018 21:34

Instrument :
MSVOA_D
ClientSampleId :
TP-B

Tot Ion: 98 Resp: 2061797
Ion Ratio Lower Upper
98 100
100 70.6 55.4 83.0

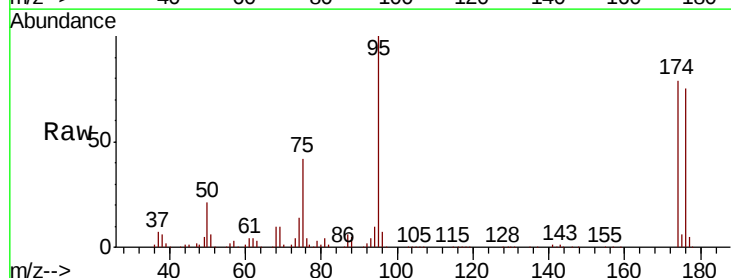


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

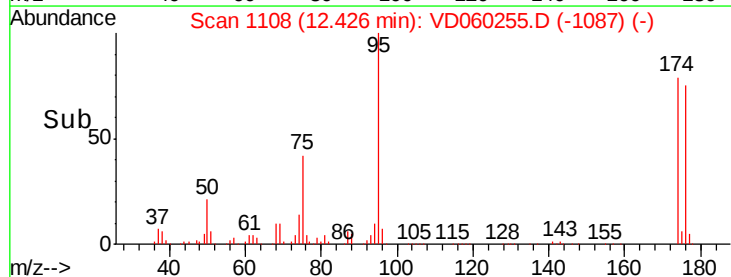
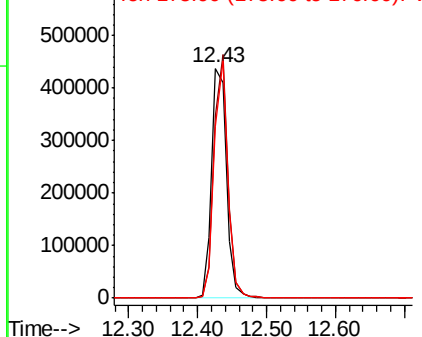


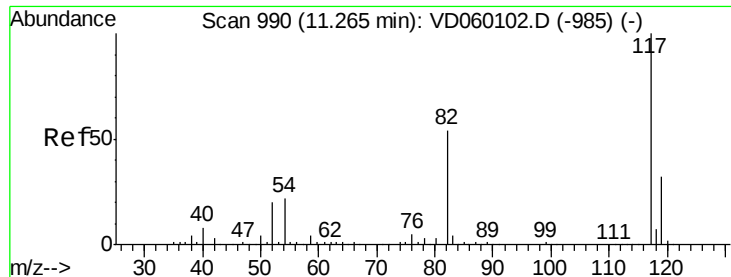
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060255.D
Acq: 31 Oct 2018 21:34

Tgt Ion: 95 Resp: 661196
Ion Ratio Lower Upper
95 100
174 79.1 0.0 200.2
176 74.7 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

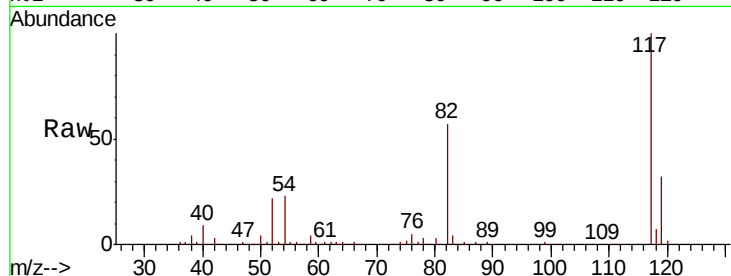




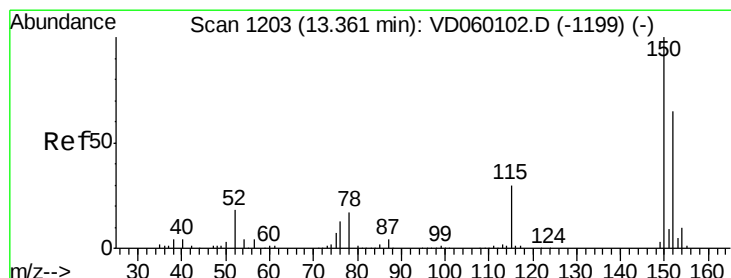
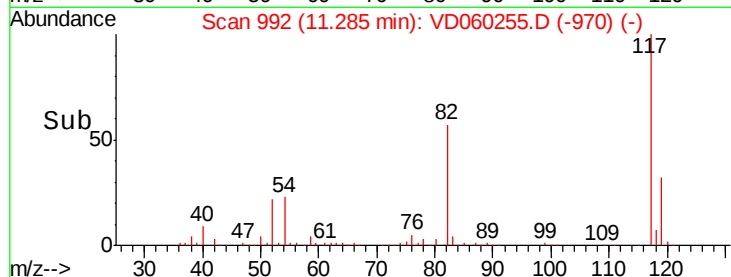
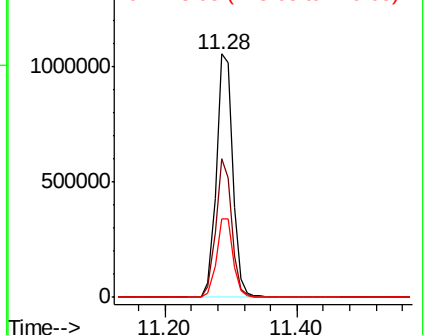
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060255.D
Acq: 31 Oct 2018 21:34

Instrument :
MSVOA_D
ClientSampled :
TP-B

Tot Ion:117 Resp: 1823490
Ion Ratio Lower Upper
117 100
82 57.2 43.4 65.2
119 32.5 26.0 39.0

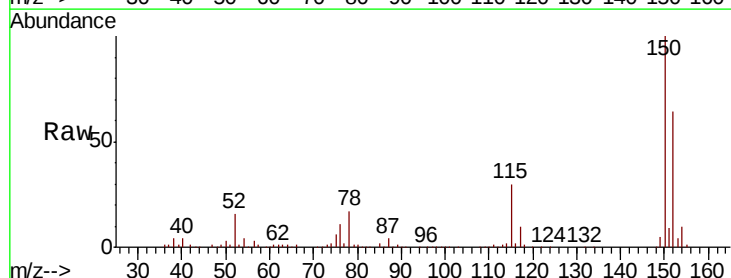


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.02 min
Lab File: VD060255.D
Acq: 31 Oct 2018 21:34

Tgt Ion:152 Resp: 750732
Ion Ratio Lower Upper
152 100
115 46.8 27.1 81.2
150 156.4 0.0 311.8



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

