

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103118\
 Data File : VD060245.D
 Acq On : 31 Oct 2018 16:52
 Operator : VA/AP
 Sample : J5199-07
 Misc : 6.35g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-103018

Quant Time: Nov 01 00:30:21 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

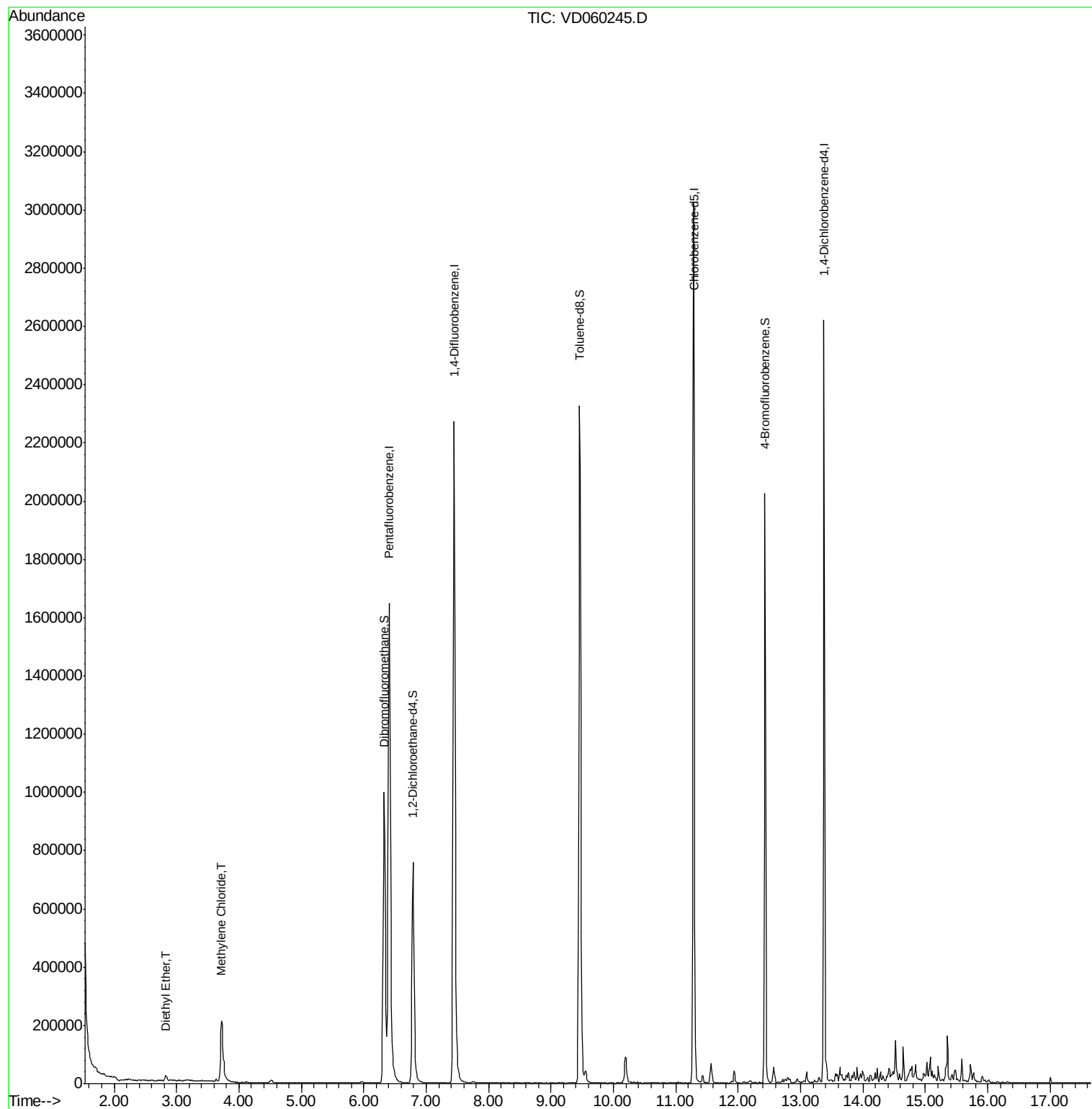
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1687155	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.45	114	2449854	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	1665199	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	579807	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	631361	49.37	ug/l	0.03
Spiked Amount 50.000			Recovery	=	98.74%	
35) Dibromofluoromethane	6.33	113	787652	42.34	ug/l	0.03
Spiked Amount 50.000			Recovery	=	84.68%	
50) Toluene-d8	9.46	98	1896485	35.75	ug/l	0.02
Spiked Amount 50.000			Recovery	=	71.50%	
62) 4-Bromofluorobenzene	12.43	95	571988	28.80	ug/l	0.01
Spiked Amount 50.000			Recovery	=	57.60%	
Target Compounds						
8) Diethyl Ether	2.83	74	7191	2.494	ug/l	71
20) Methylene Chloride	3.72	84	135488	3.410	ug/l	97

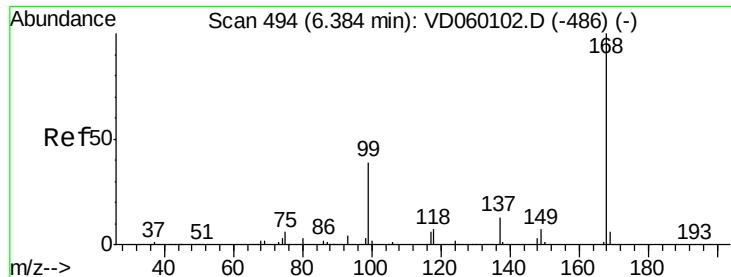
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.42 min Scan# 497

Delta R.T. 0.03 min

Lab File: VD060245.D

Acq: 31 Oct 2018 16:52

Instrument :

MSVOA_D

ClientSampleId :

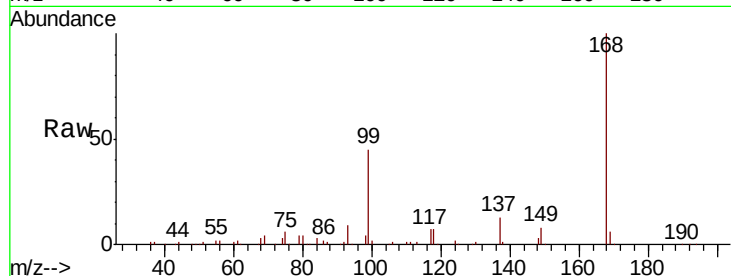
OK-01-103018

Tot Ion:168 Resp: 1687155

Ion Ratio Lower Upper

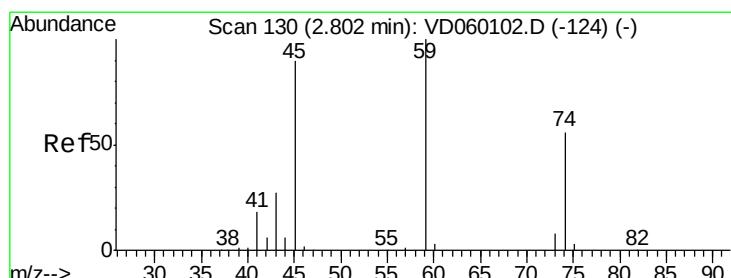
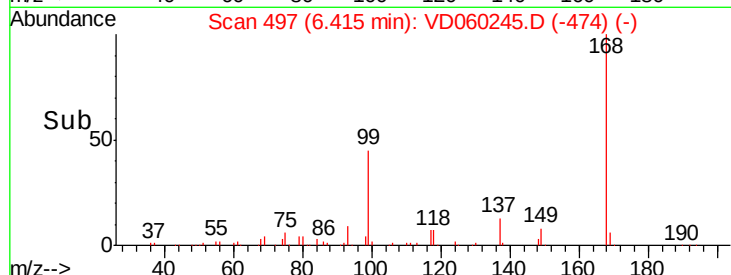
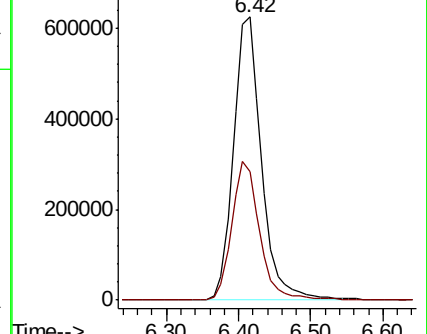
168 100

99 45.4 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#8

Diethyl Ether

Concen: 2.494 ug/l

RT: 2.83 min Scan# 133

Delta R.T. 0.03 min

Lab File: VD060245.D

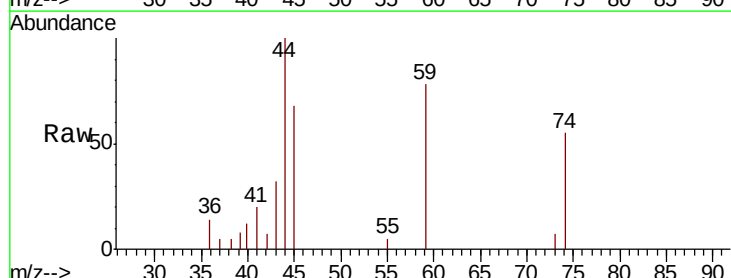
Acq: 31 Oct 2018 16:52

Tgt Ion: 74 Resp: 7191

Ion Ratio Lower Upper

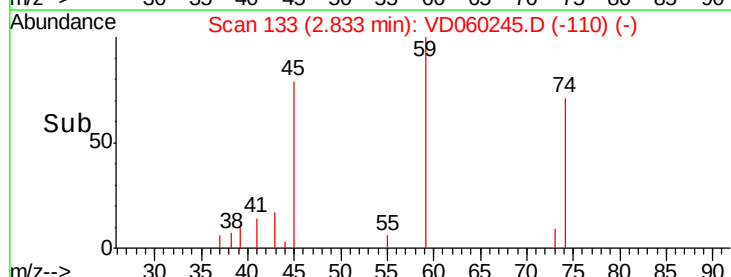
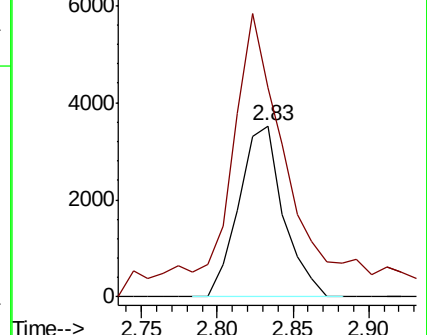
74 100

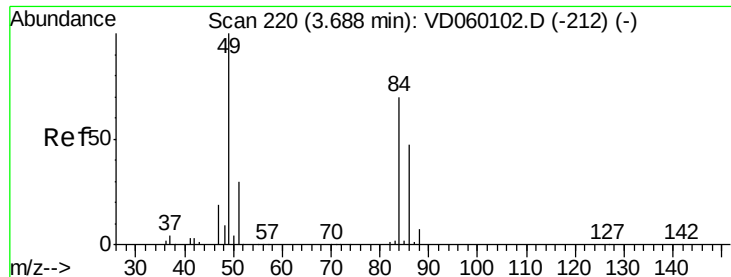
45 122.4 80.3 241.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

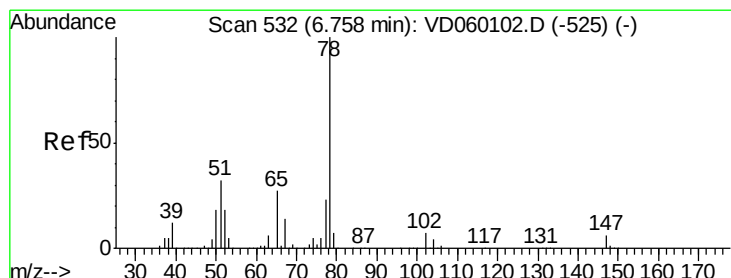
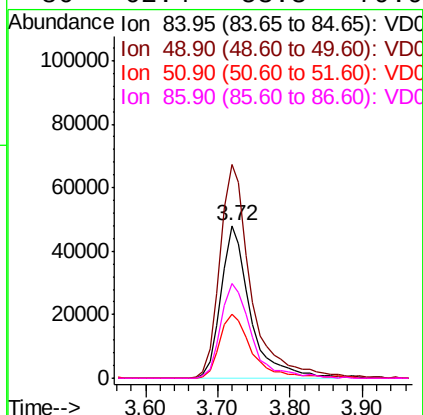
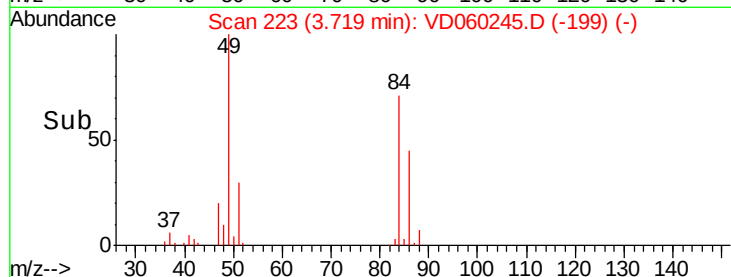
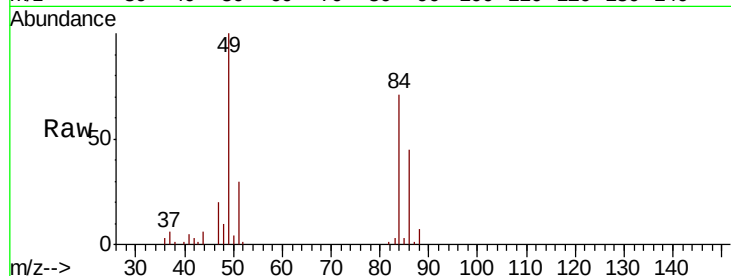




#20
Methylene Chloride
Concen: 3.410 ug/l
RT: 3.72 min Scan# 223
Delta R.T. 0.03 min
Lab File: VD060245.D
Acq: 31 Oct 2018 16:52

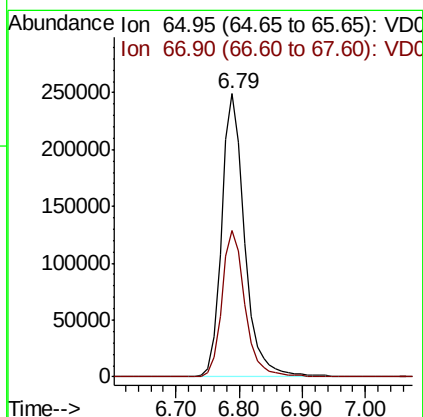
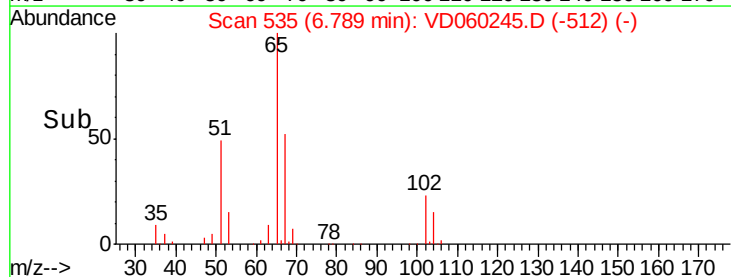
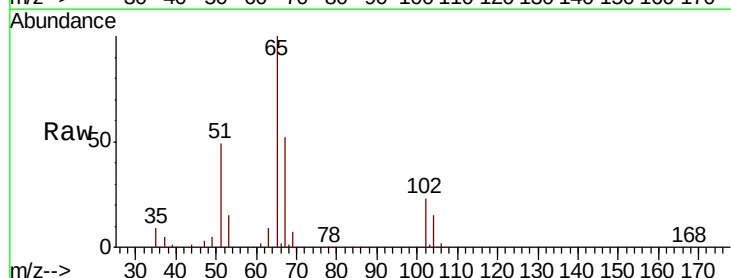
Instrument :
MSVOA_D
ClientSampleId :
OK-01-103018

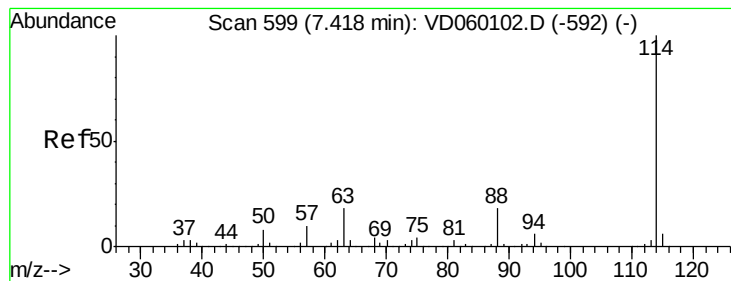
Tot Ion: 84 Resp: 135488
Ion Ratio Lower Upper
84 100
49 140.2 114.6 172.0
51 41.8 33.8 50.8
86 62.4 53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. 0.03 min
Lab File: VD060245.D
Acq: 31 Oct 2018 16:52

Tgt Ion: 65 Resp: 631361
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.45 min Scan# 602

Delta R.T. 0.03 min

Lab File: VD060245.D

Acq: 31 Oct 2018 16:52

Instrument :

MSVOA_D

ClientSampleId :

OK-01-103018

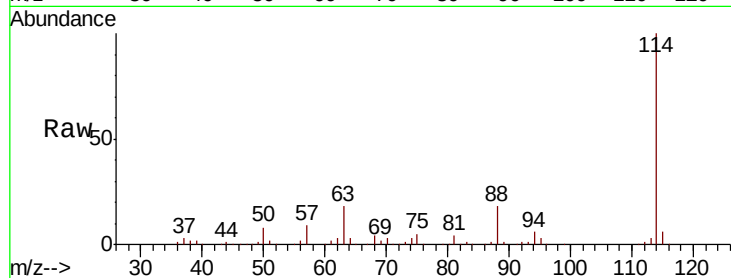
Tot Ion:114 Resp: 2449854

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.0

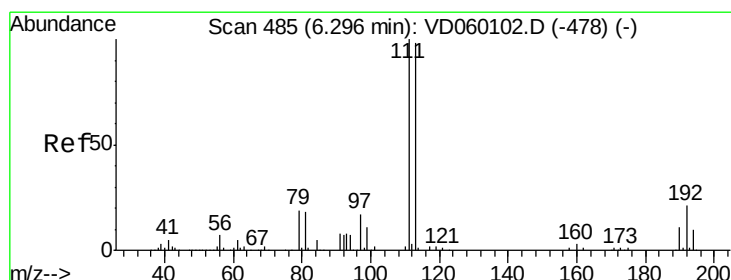
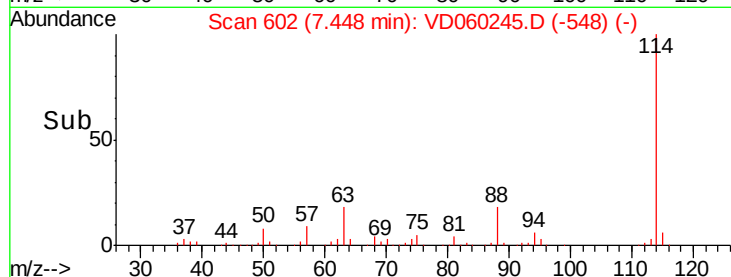
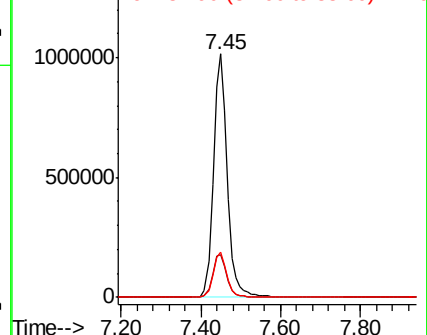
88 18.3 0.0 36.2



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# 488

Delta R.T. 0.03 min

Lab File: VD060245.D

Acq: 31 Oct 2018 16:52

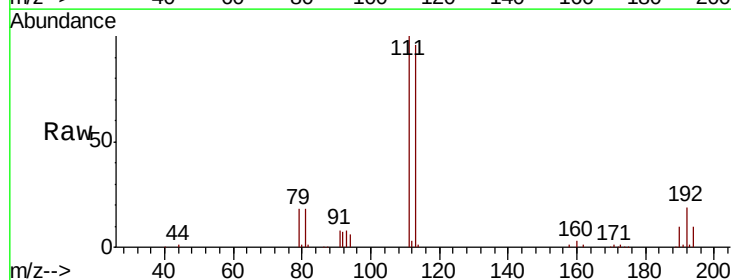
Tgt Ion:113 Resp: 787652

Ion Ratio Lower Upper

113 100

111 104.2 81.5 122.3

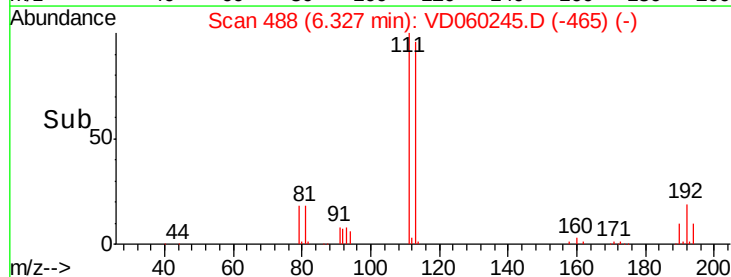
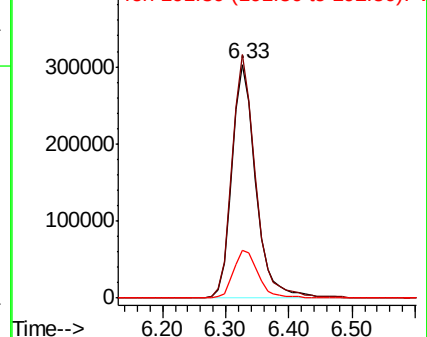
192 20.3 17.4 26.0

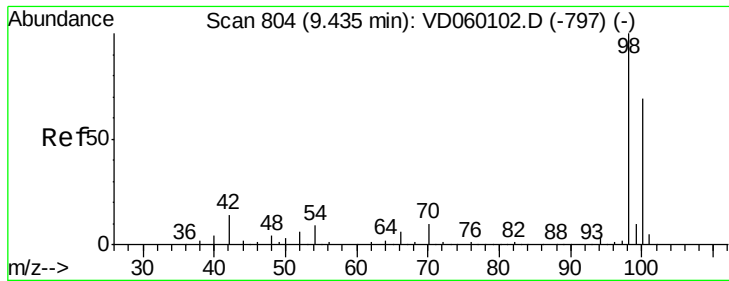


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

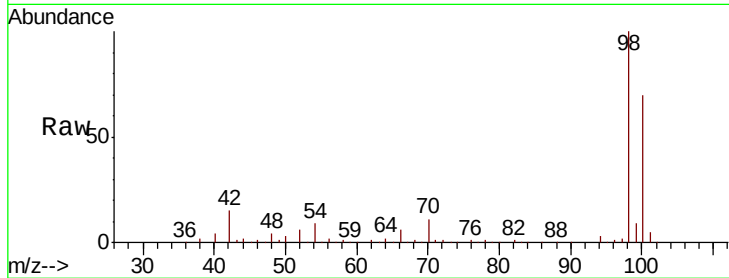




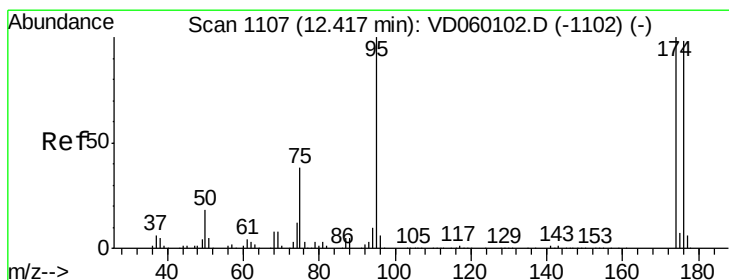
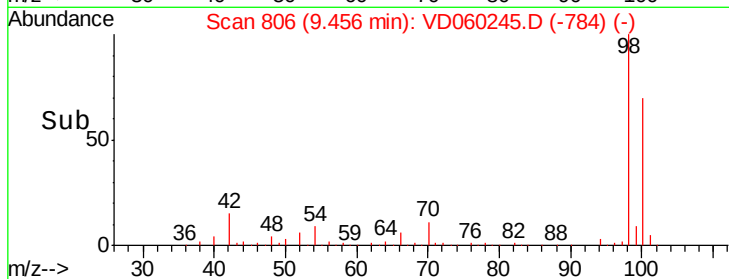
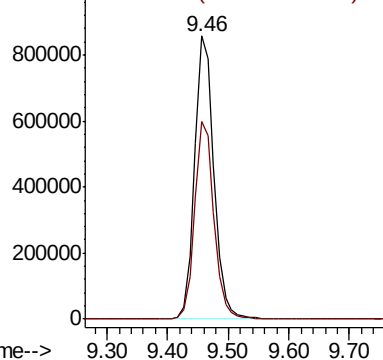
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060245.D
Acq: 31 Oct 2018 16:52

Instrument :
MSVOA_D
ClientSampleId :
OK-01-103018

Tot Ion: 98 Resp: 1896485
Ion Ratio Lower Upper
98 100
100 69.8 55.4 83.0

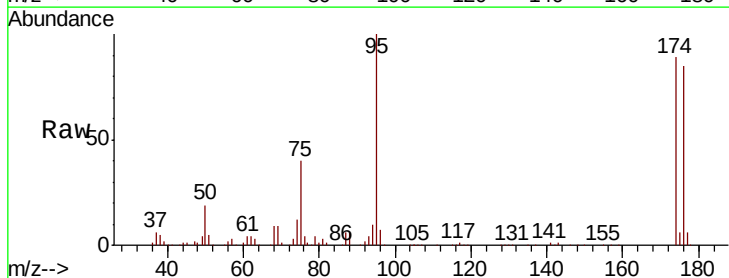


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

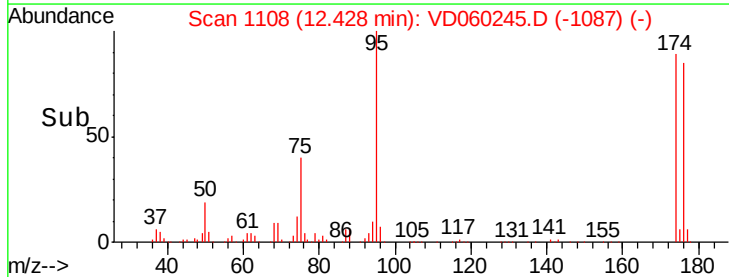
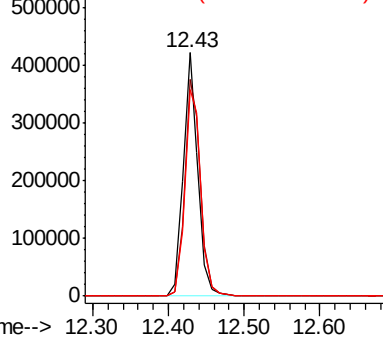


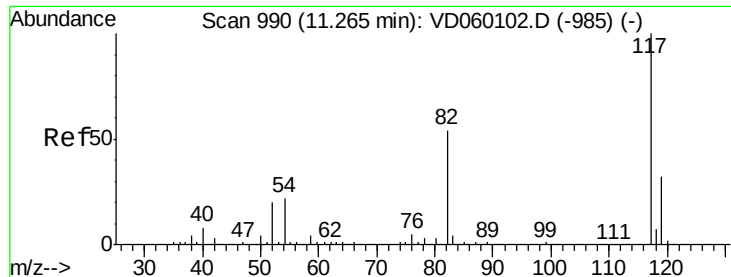
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060245.D
Acq: 31 Oct 2018 16:52

Tgt Ion: 95 Resp: 571988
Ion Ratio Lower Upper
95 100
174 89.1 0.0 200.2
176 85.1 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

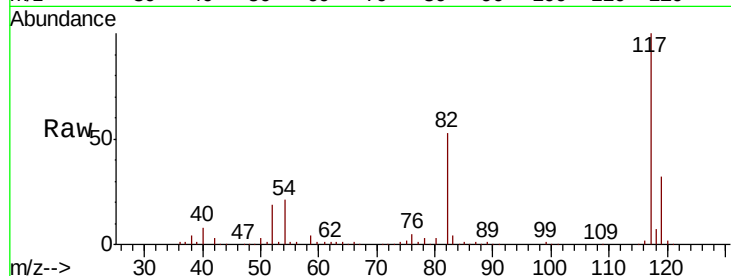




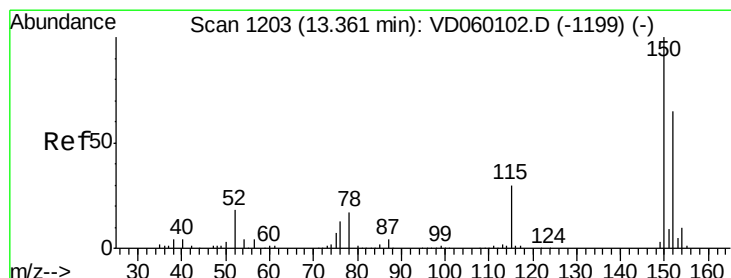
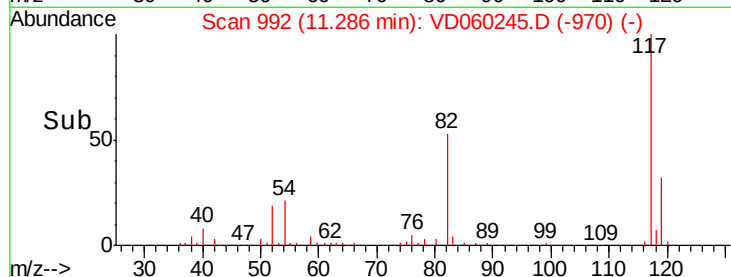
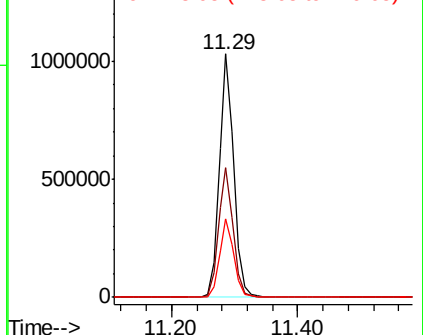
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060245.D
Acq: 31 Oct 2018 16:52

Instrument :
MSVOA_D
ClientSampleId :
OK-01-103018

Tot Ion:117 Resp: 1665199
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.2
119 32.3 26.0 39.0

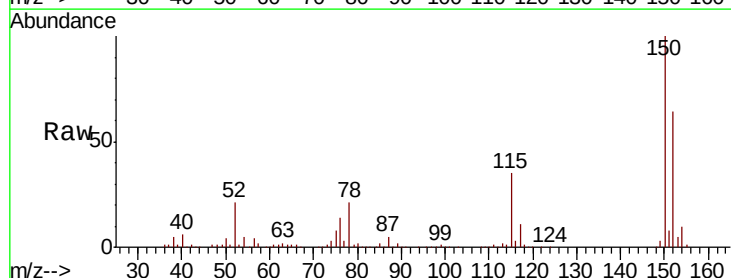


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060245.D
Acq: 31 Oct 2018 16:52

Tgt Ion:152 Resp: 579807
Ion Ratio Lower Upper
152 100
115 53.8 27.1 81.2
150 155.4 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

