

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103118\
 Data File : VD060251.D
 Acq On : 31 Oct 2018 19:42
 Operator : VA/AP
 Sample : J5205-07
 Misc : 6.61g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-103018-A

Quant Time: Nov 01 00:44:06 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

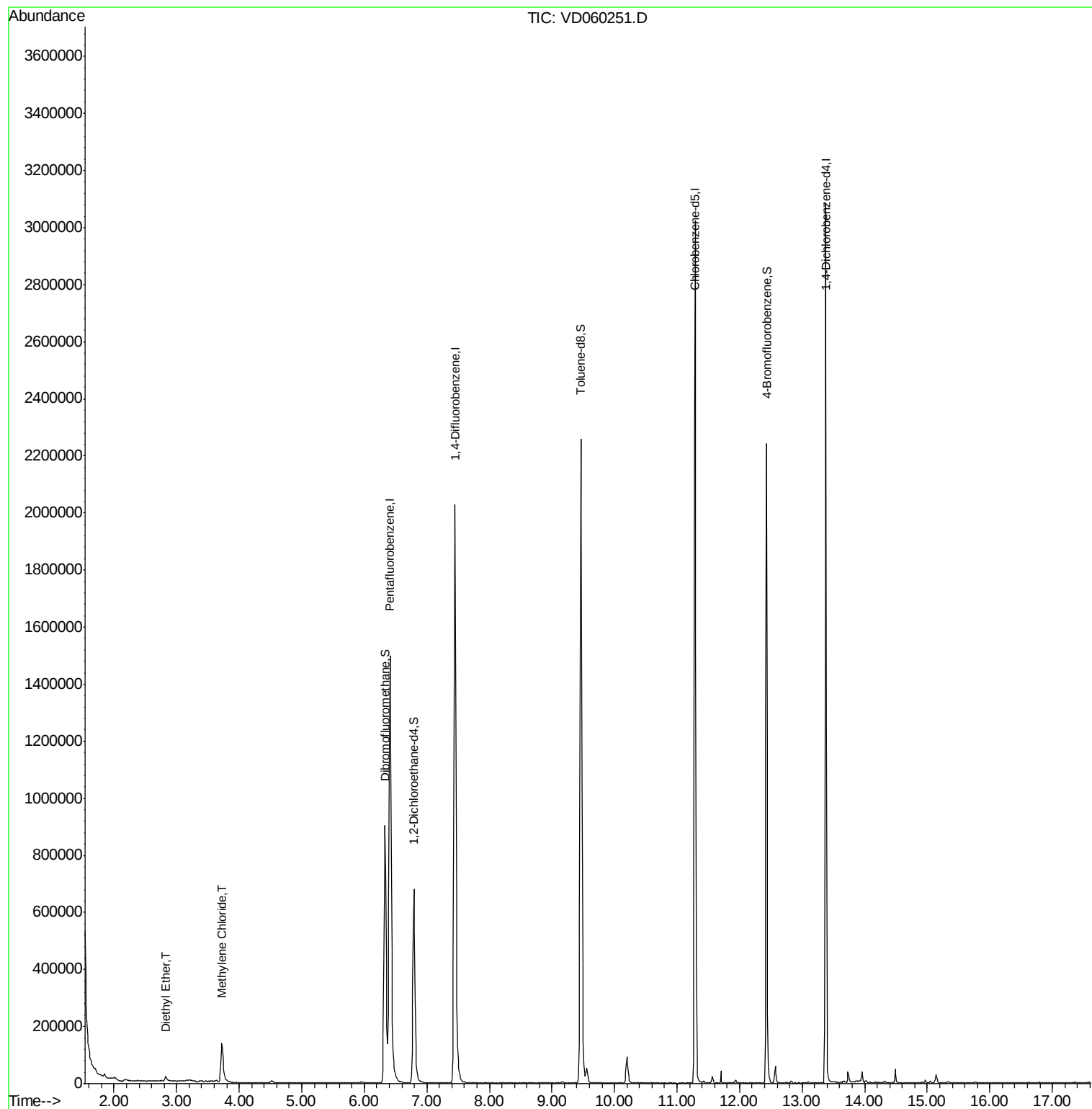
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1502412	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.45	114	2172146	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	1639930	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	679238	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	561974	49.35	ug/l	0.03
Spiked Amount	50.000		Recovery	=	98.70%	
35) Dibromofluoromethane	6.33	113	707917	42.92	ug/l	0.03
Spiked Amount	50.000		Recovery	=	85.84%	
50) Toluene-d8	9.46	98	1796030	38.18	ug/l	0.02
Spiked Amount	50.000		Recovery	=	76.36%	
62) 4-Bromofluorobenzene	12.43	95	621290	35.28	ug/l	0.01
Spiked Amount	50.000		Recovery	=	70.56%	
Target Compounds						
8) Diethyl Ether	2.83	74	5466	2.129	ug/l	99
20) Methylene Chloride	3.72	84	87839	1.203	ug/l	97

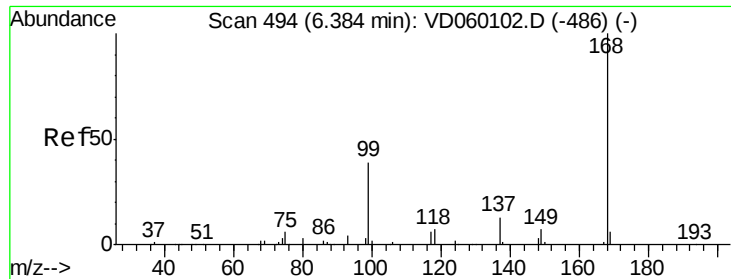
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060251.D

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Instrument :

MSVOA_D

ClientSampleId :

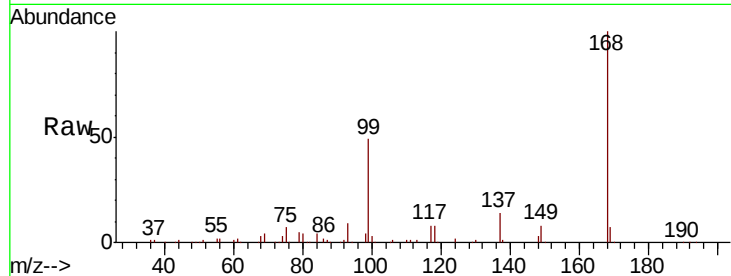
TR-04-103018-A

Tot Ion:168 Resp: 1502412

Ion Ratio Lower Upper

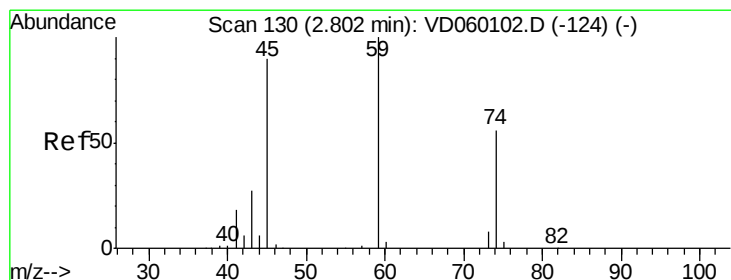
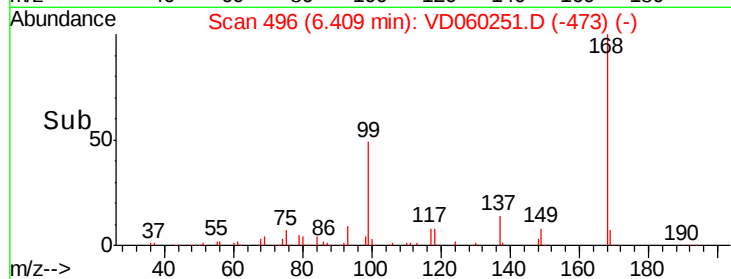
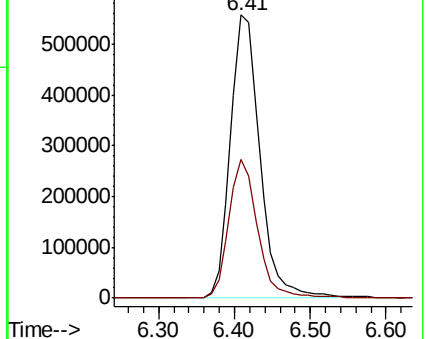
168 100

99 49.1 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: 2.129 ug/l

RT: 2.83 min Scan# 132

Delta R.T. 0.02 min

Lab File: VD060251.D

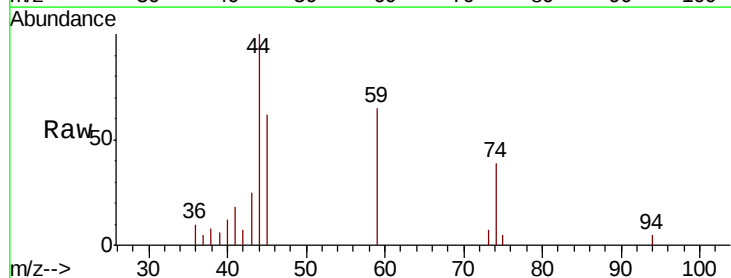
Acq: 31 Oct 2018 19:42

Tgt Ion: 74 Resp: 5466

Ion Ratio Lower Upper

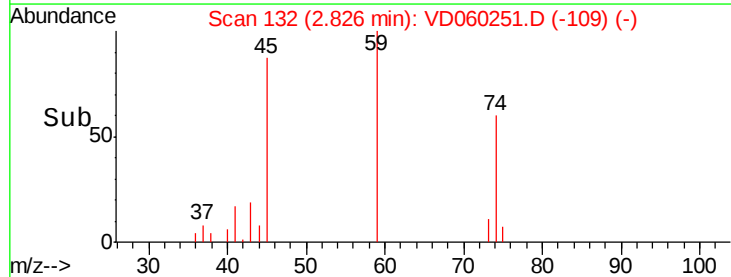
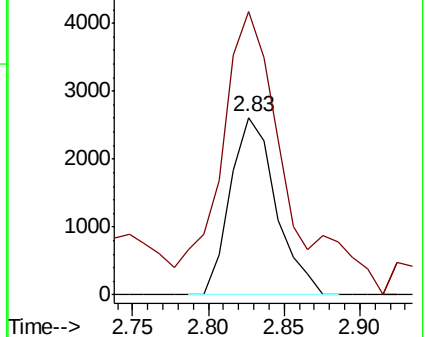
74 100

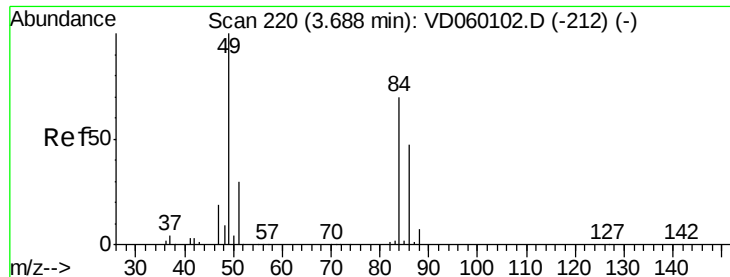
45 159.6 80.3 241.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

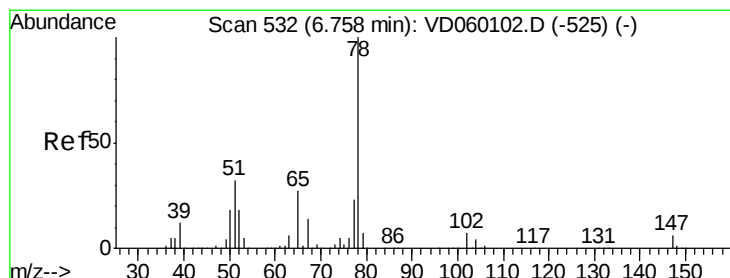
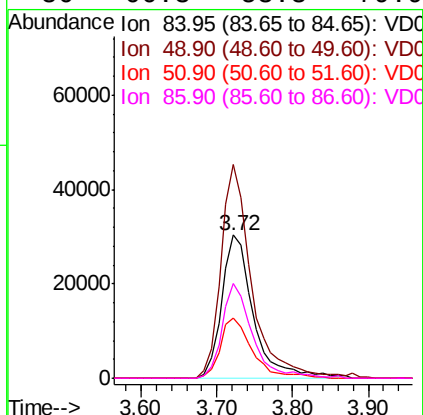
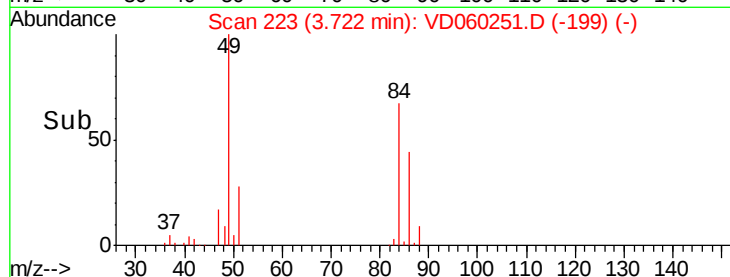
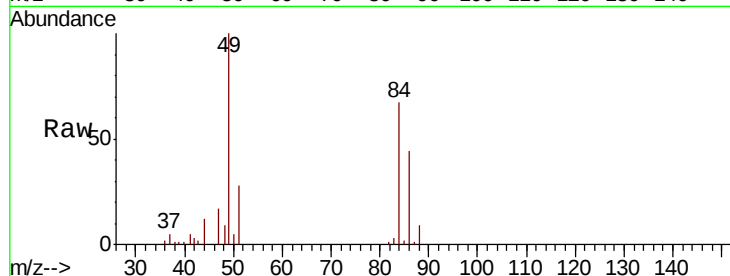




#20
Methylene Chloride
Concen: 1.203 ug/l
RT: 3.72 min Scan# 223
Delta R.T. 0.04 min
Lab File: VD060251.D
Acq: 31 Oct 2018 19:42

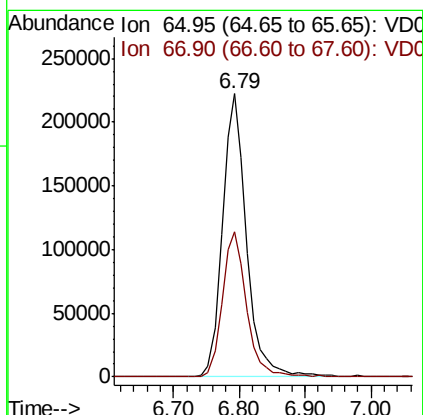
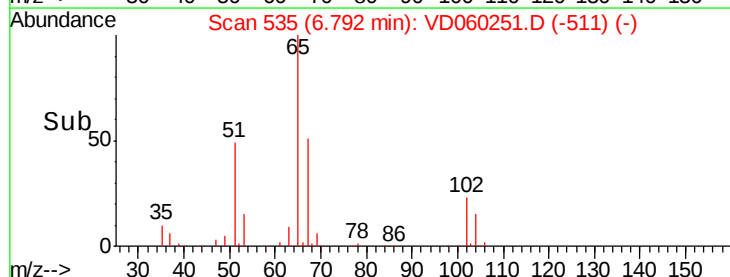
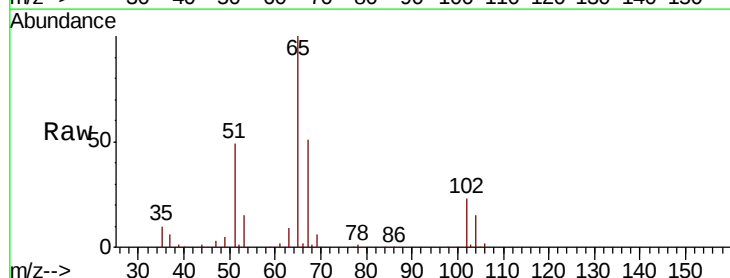
Instrument :
MSVOA_D
ClientSampleId :
TR-04-103018-A

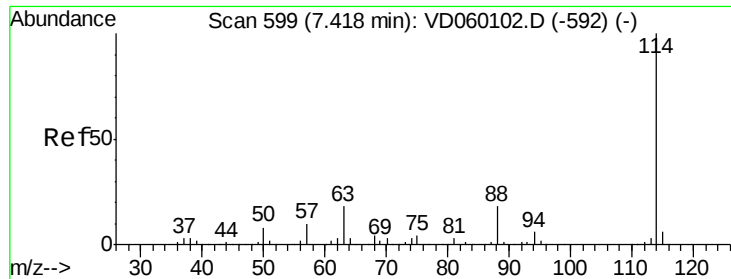
Tot Ion:	84	Resp:	87839
Ion	Ratio	Lower	Upper
84	100		
49	149.2	114.6	172.0
51	42.3	33.8	50.8
86	66.3	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. 0.03 min
Lab File: VD060251.D
Acq: 31 Oct 2018 19:42

Tgt Ion:	65	Resp:	561974
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	106.2

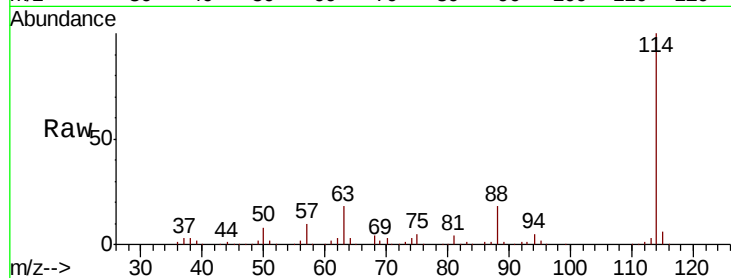




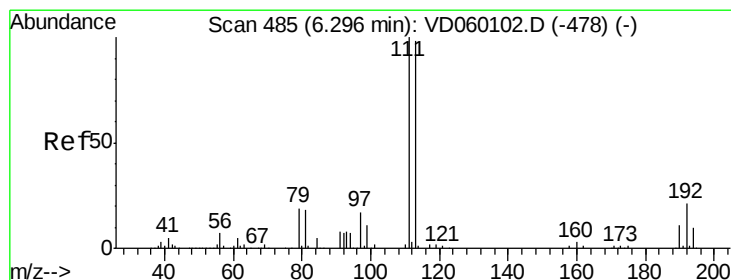
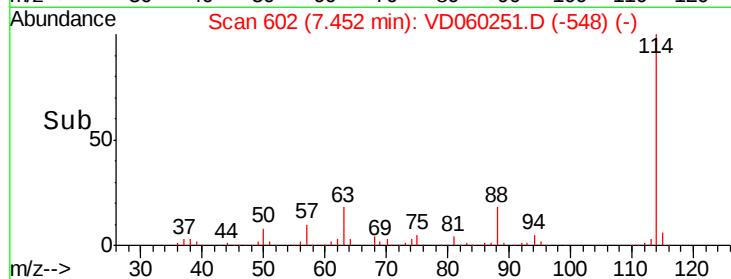
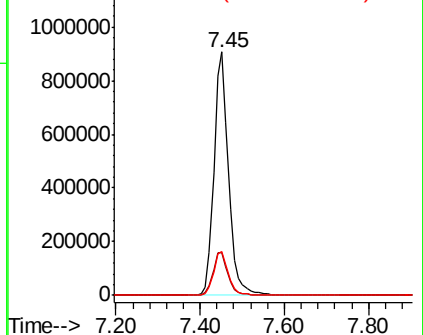
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060251.D
 Acq: 31 Oct 2018 19:42

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-103018-A

Tot Ion:114 Resp: 2172146
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.0
 88 18.2 0.0 36.2

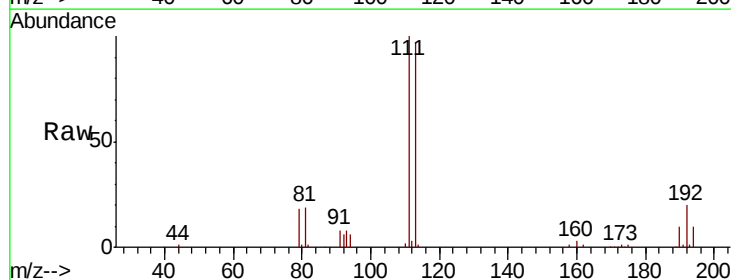


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

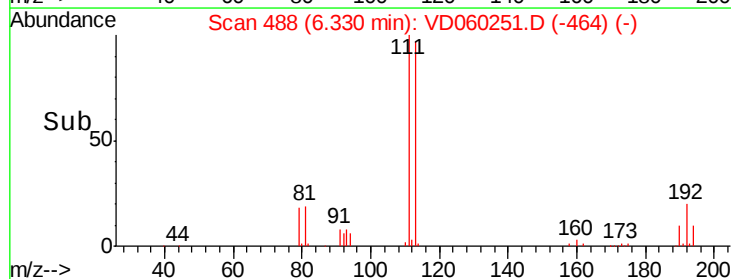
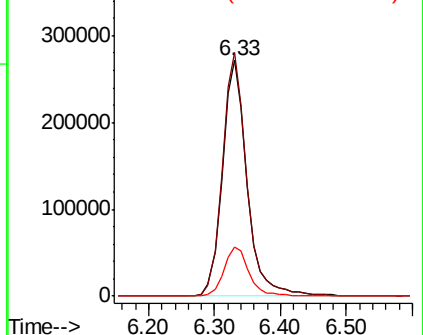


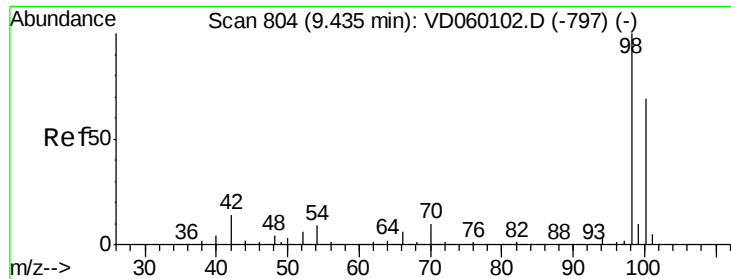
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060251.D
 Acq: 31 Oct 2018 19:42

Tgt Ion:113 Resp: 707917
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.5 122.3
 192 21.1 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

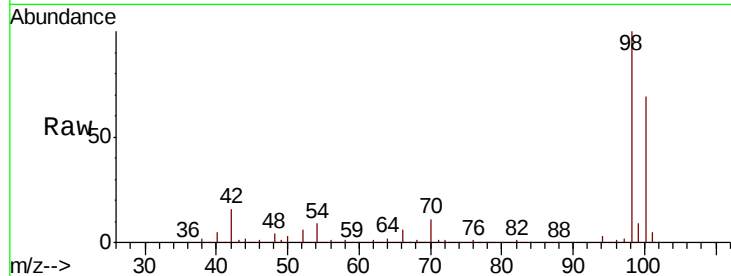




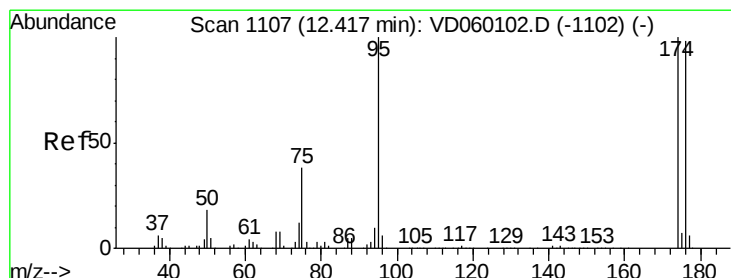
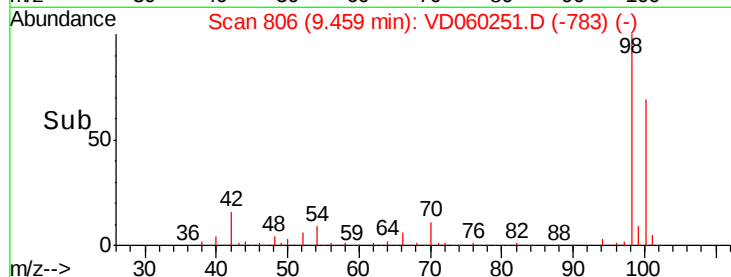
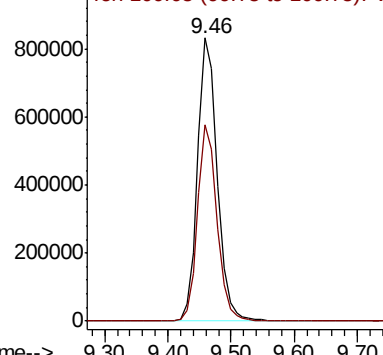
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060251.D
Acq: 31 Oct 2018 19:42

Instrument :
MSVOA_D
ClientSampleId :
TR-04-103018-A

Tot Ion: 98 Resp: 1796030
Ion Ratio Lower Upper
98 100
100 69.3 55.4 83.0

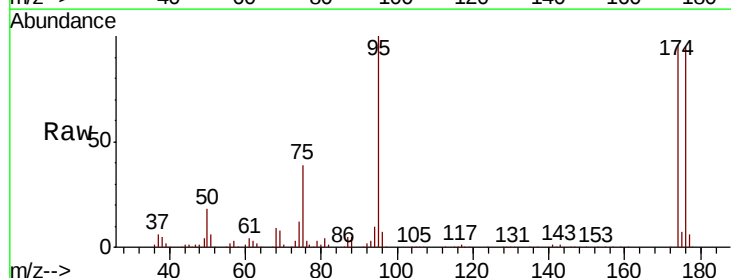


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

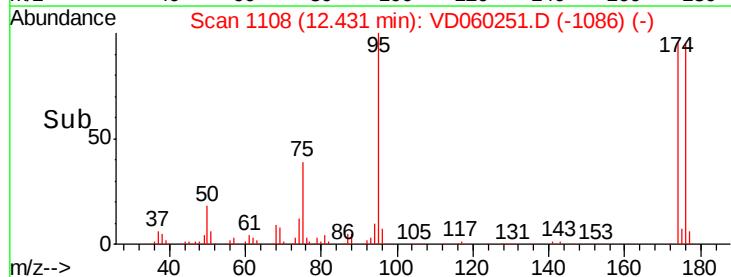
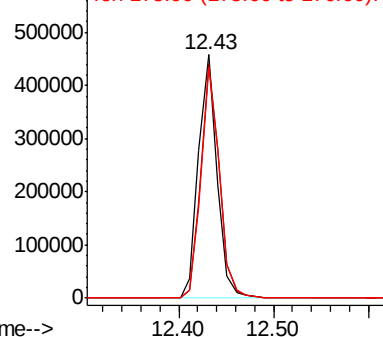


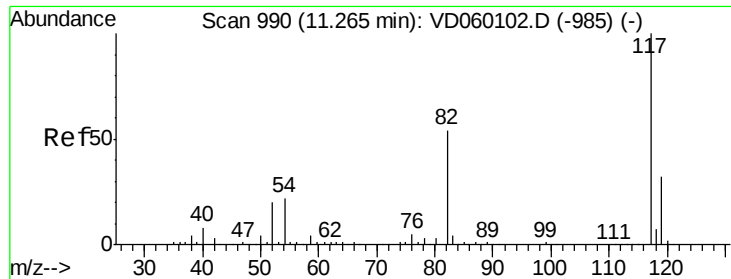
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060251.D
Acq: 31 Oct 2018 19:42

Tgt Ion: 95 Resp: 621290
Ion Ratio Lower Upper
95 100
174 96.4 0.0 200.2
176 94.8 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

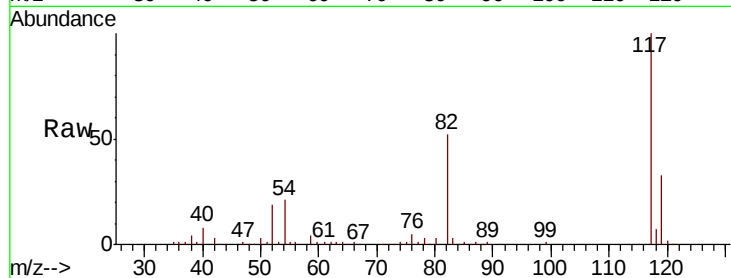




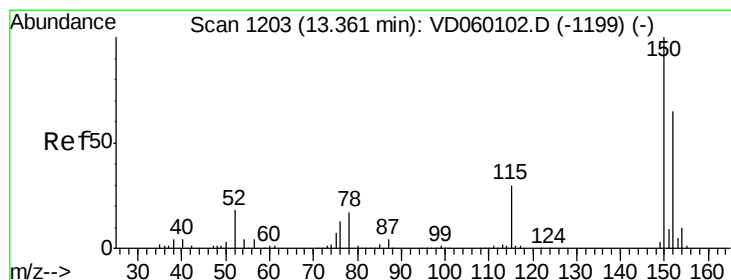
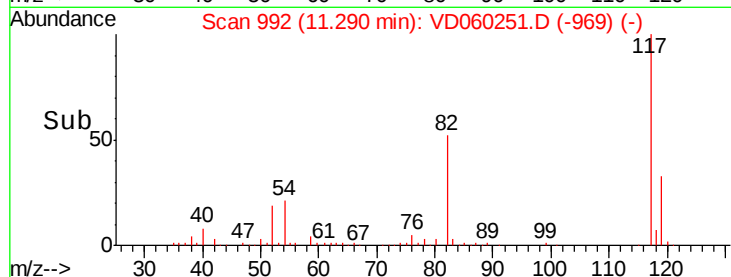
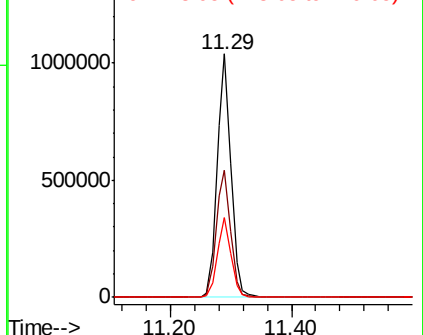
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060251.D
Acq: 31 Oct 2018 19:42

Instrument :
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Tot Ion:117 Resp: 1639930
Ion Ratio Lower Upper
117 100
82 52.1 43.4 65.2
119 33.0 26.0 39.0

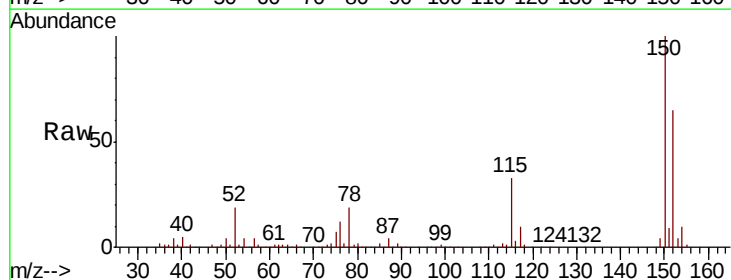


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060251.D
Acq: 31 Oct 2018 19:42

Tgt Ion:152 Resp: 679238
Ion Ratio Lower Upper
152 100
115 50.8 27.1 81.2
150 152.9 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

