

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121718\
 Data File : VD060612.D
 Acq On : 17 Dec 2018 21:13
 Operator : VA/AP
 Sample : J6445-07
 Misc : 4.76g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB05_12-14

Quant Time: Dec 18 13:47:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

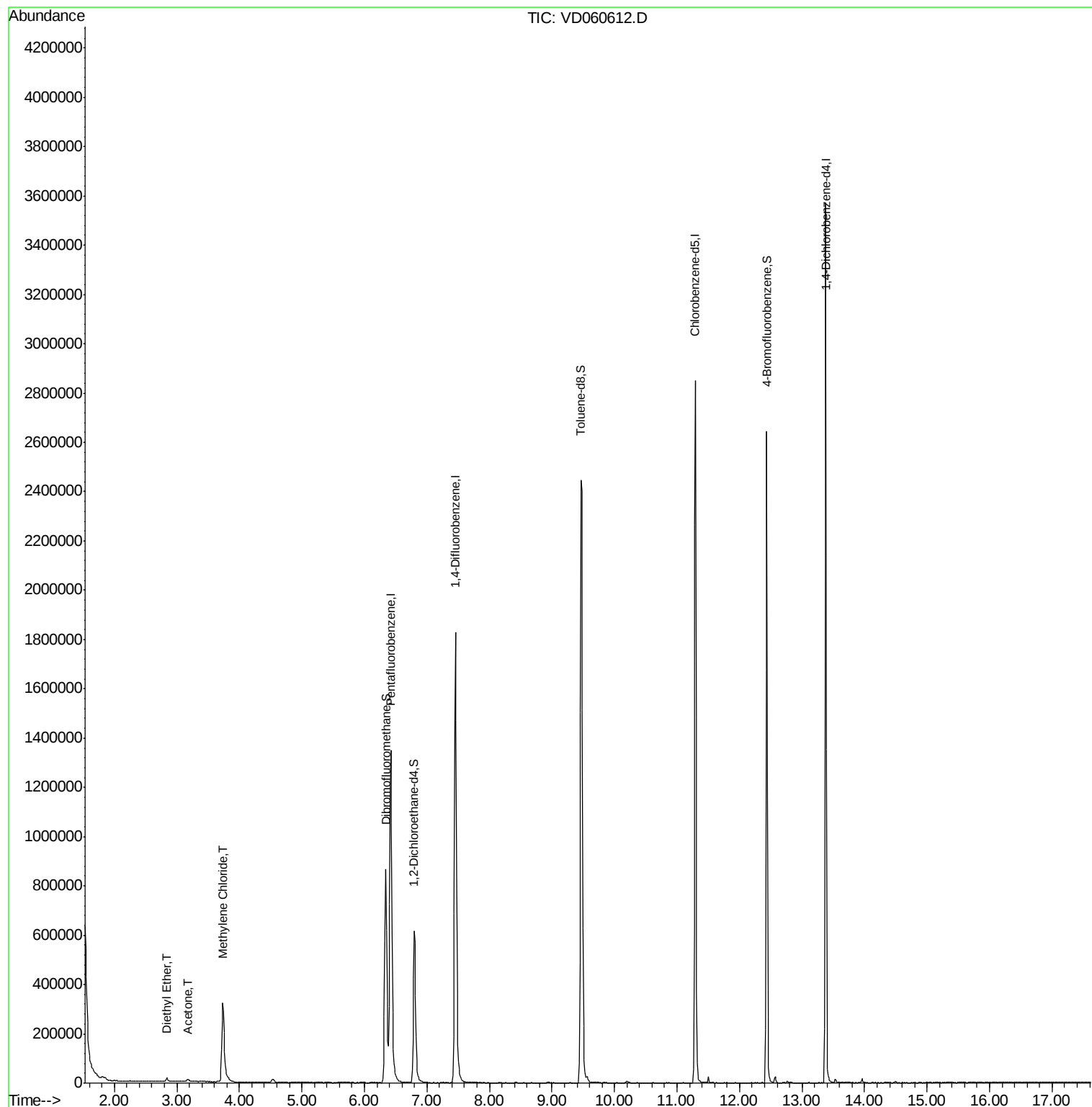
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1315294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	1873180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1544578	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	786162	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	518338	55.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.20%	
35) Dibromofluoromethane	6.34	113	711009	51.68	ug/l	0.01
Spiked Amount 50.000			Recovery	=	103.36%	
50) Toluene-d8	9.47	98	2063949	51.84	ug/l	0.01
Spiked Amount 50.000			Recovery	=	103.68%	
62) 4-Bromofluorobenzene	12.44	95	705424	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
Target Compounds						
8) Diethyl Ether	2.83	74	5349	2.487	ug/l	58
16) Acetone	3.18	43	20619	13.798	ug/l	100
20) Methylene Chloride	3.74	84	217898	12.528	ug/l	94

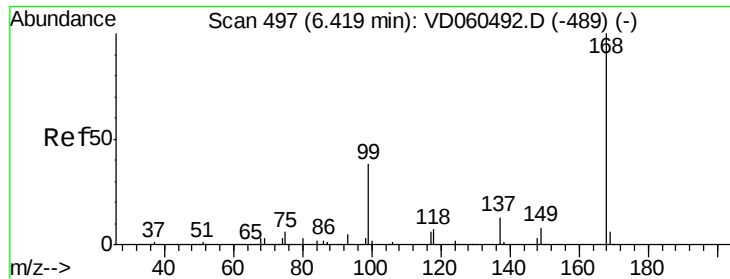
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121718\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 498

Delta R.T. 0.00 min

Lab File: VD060612.D

Acq: 17 Dec 2018 21:13

Instrument :

MSVOA_D

ClientSampleId :

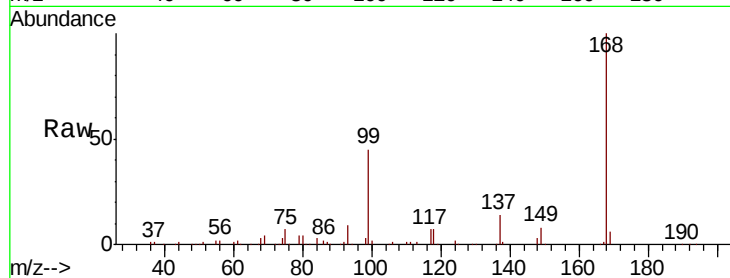
EB05_12-14

Tot Ion:168 Resp: 1315294

Ion Ratio Lower Upper

168 100

99 44.7 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

500000

400000

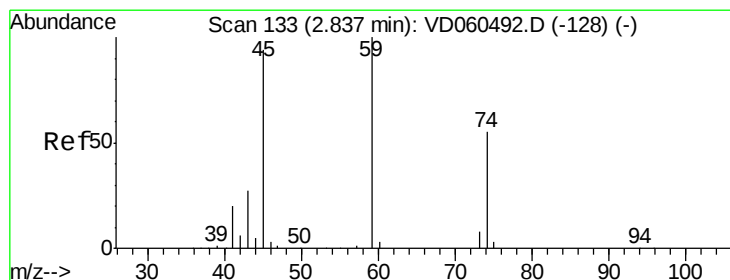
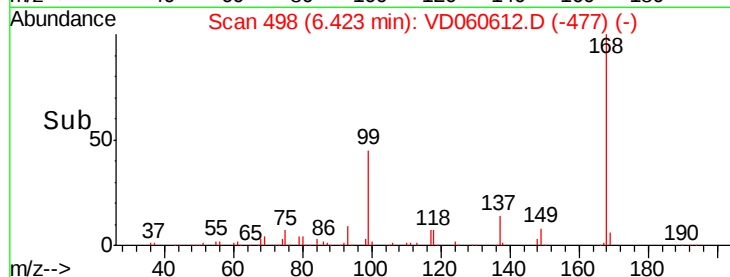
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 2.487 ug/l

RT: 2.83 min Scan# 133

Delta R.T. -0.01 min

Lab File: VD060612.D

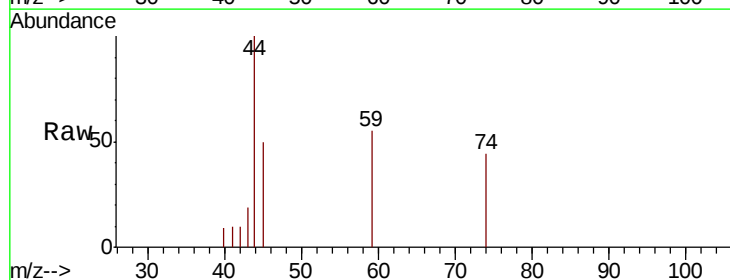
Acq: 17 Dec 2018 21:13

Tgt Ion: 74 Resp: 5349

Ion Ratio Lower Upper

74 100

45 114.2 86.0 258.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

4000

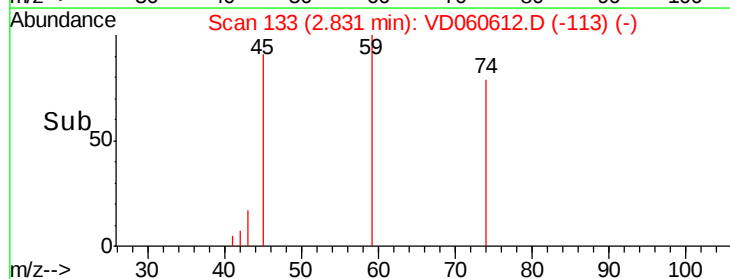
3000

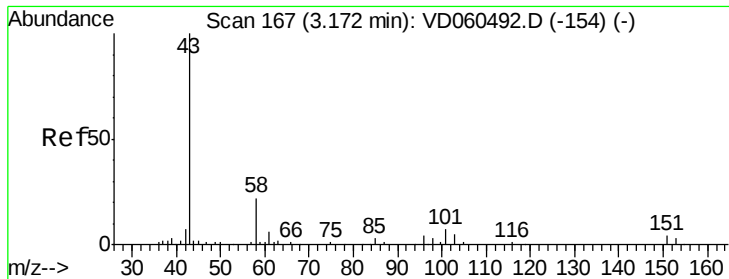
2000

1000

0

Time-->

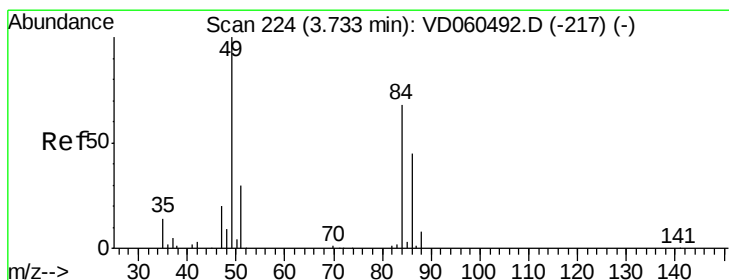
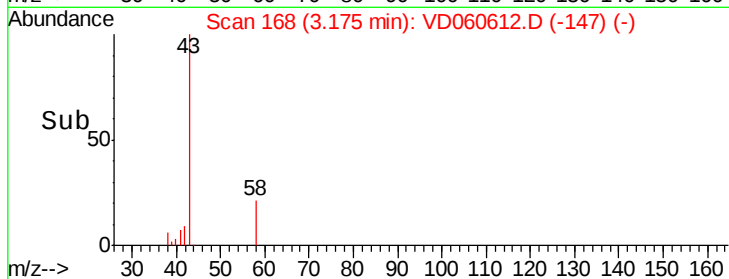
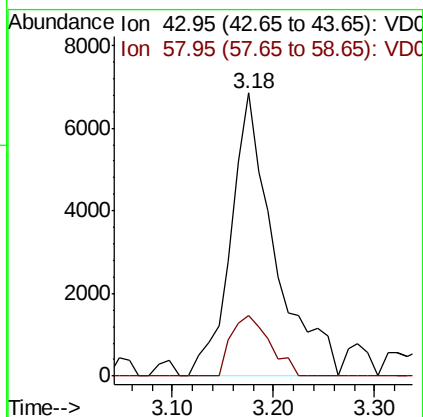
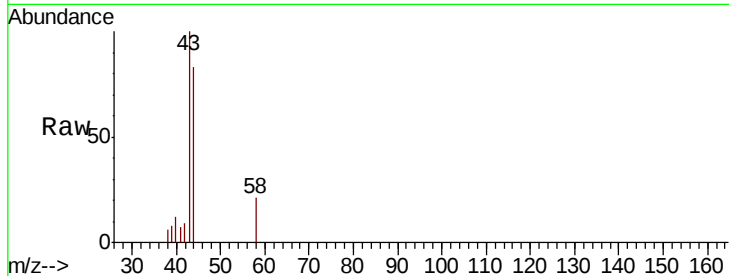




#16
Acetone
Concen: 13.798 ug/l
RT: 3.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VD060612.D
Acq: 17 Dec 2018 21:13

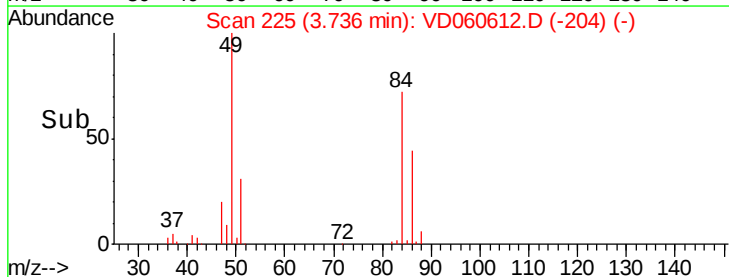
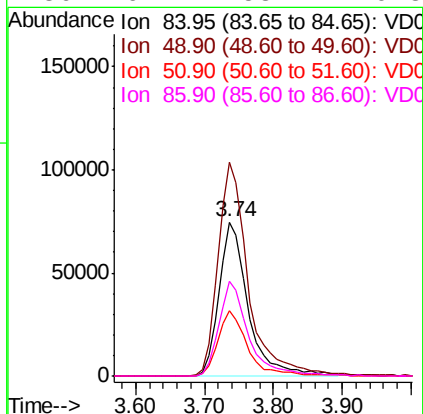
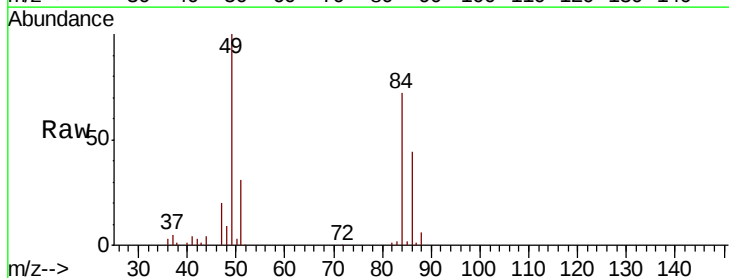
Instrument :
MSVOA_D
ClientSampleId :
EB05_12-14

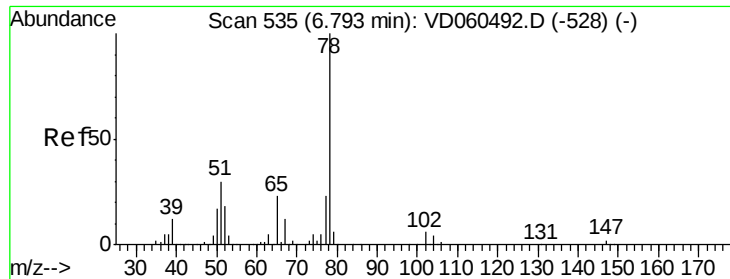
Tot Ion: 43 Resp: 20619
Ion Ratio Lower Upper
43 100
58 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 12.528 ug/l
RT: 3.74 min Scan# 225
Delta R.T. 0.00 min
Lab File: VD060612.D
Acq: 17 Dec 2018 21:13

Tgt Ion: 84 Resp: 217898
Ion Ratio Lower Upper
84 100
49 138.7 117.2 175.8
51 42.7 35.3 52.9
86 61.4 53.2 79.8





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.80 min Scan# 536

Delta R.T. 0.00 min

Lab File: VD060612.D

Acq: 17 Dec 2018 21:13

Instrument :

MSVOA_D

ClientSampleId :

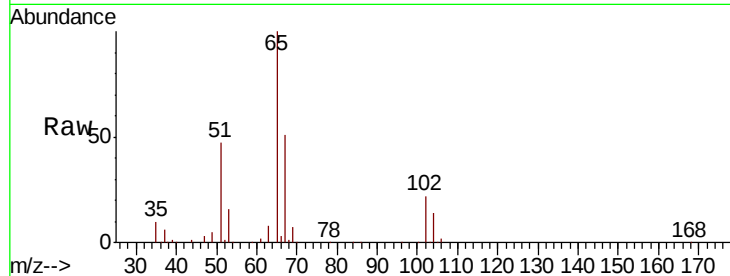
EB05_12-14

Tot Ion: 65 Resp: 518338

Ion Ratio Lower Upper

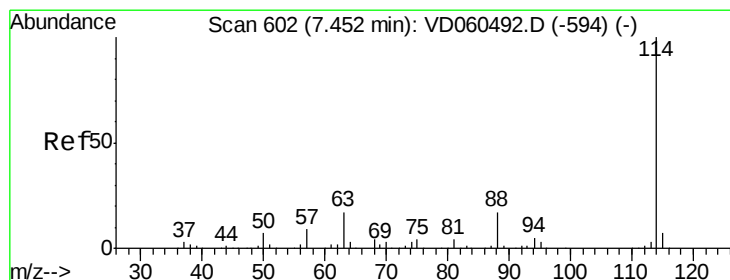
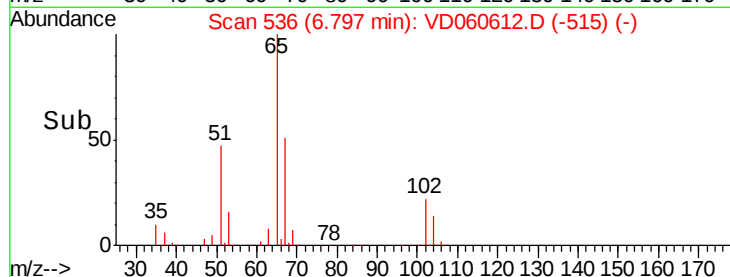
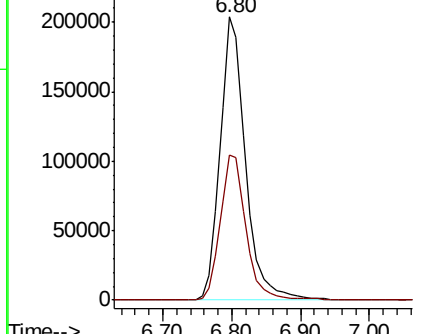
65 100

67 51.2 0.0 106.8



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: 7.46 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD060612.D

Acq: 17 Dec 2018 21:13

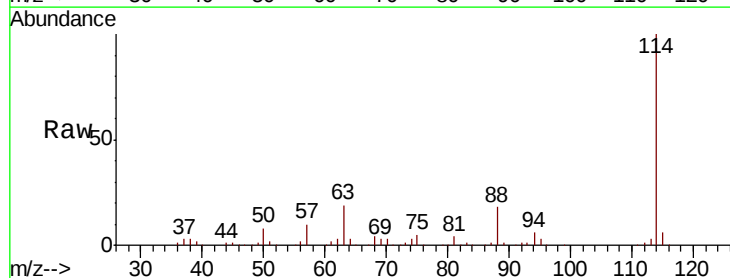
Tgt Ion: 114 Resp: 1873180

Ion Ratio Lower Upper

114 100

63 19.4 0.0 34.2

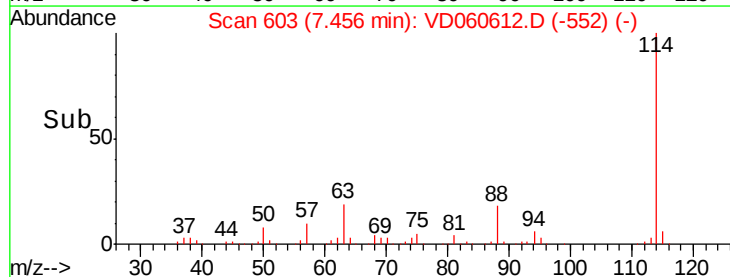
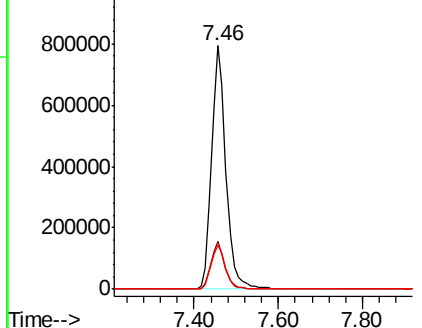
88 18.1 0.0 35.0

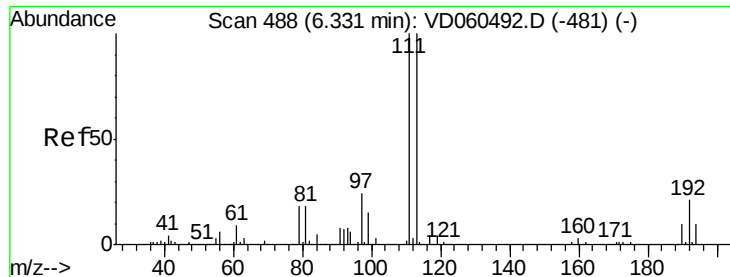


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

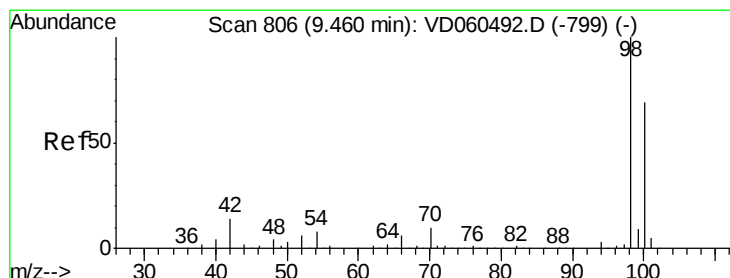
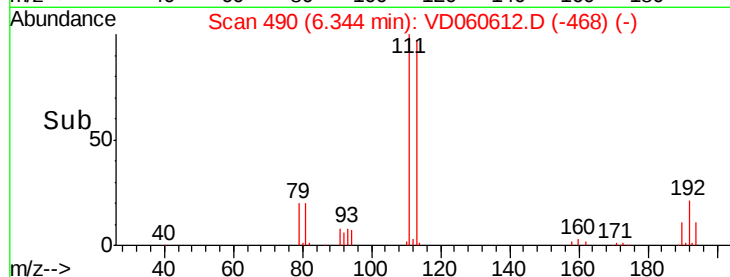
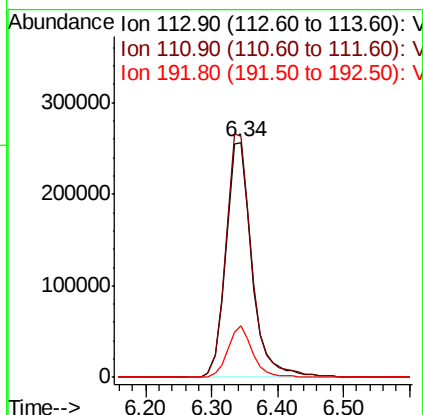
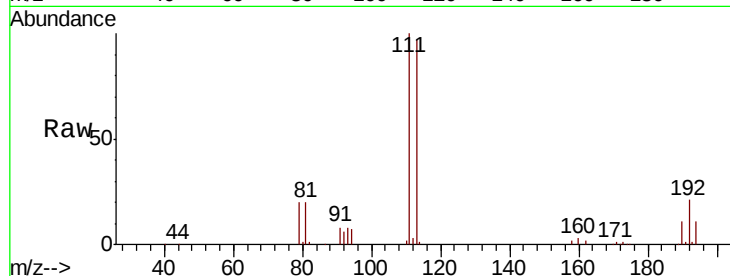




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.34 min Scan# 490
Delta R.T. 0.01 min
Lab File: VD060612.D
Acq: 17 Dec 2018 21:13

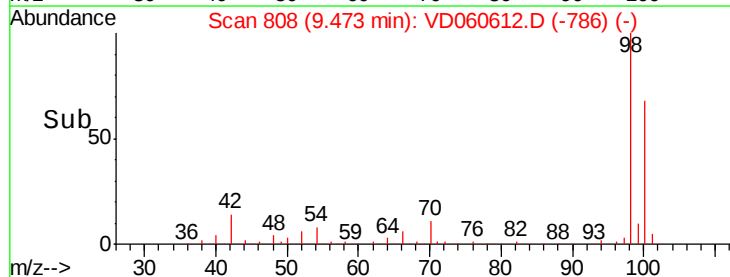
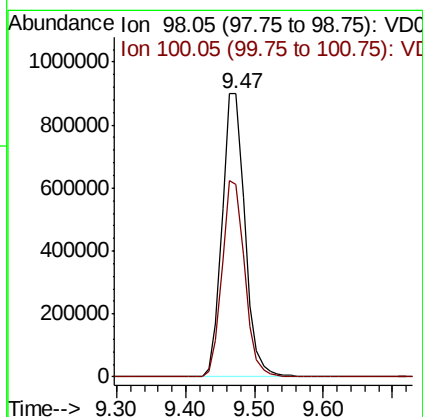
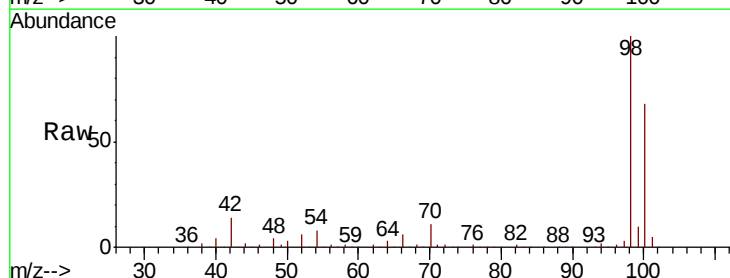
Instrument :
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EB05_12-14

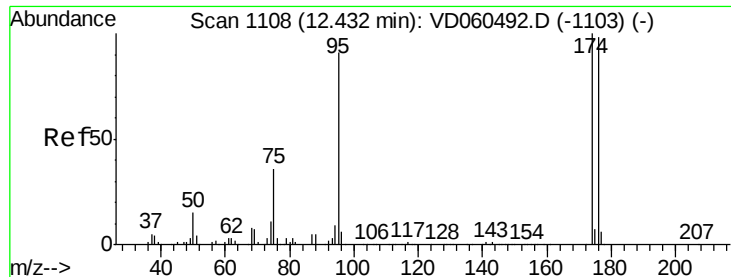
Tot Ion:113 Resp: 711009
Ion Ratio Lower Upper
113 100
111 102.6 80.2 120.4
192 21.9 16.6 24.8



#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.47 min Scan# 808
Delta R.T. 0.01 min
Lab File: VD060612.D
Acq: 17 Dec 2018 21:13

Tgt Ion: 98 Resp: 2063949
Ion Ratio Lower Upper
98 100
100 68.1 55.7 83.5

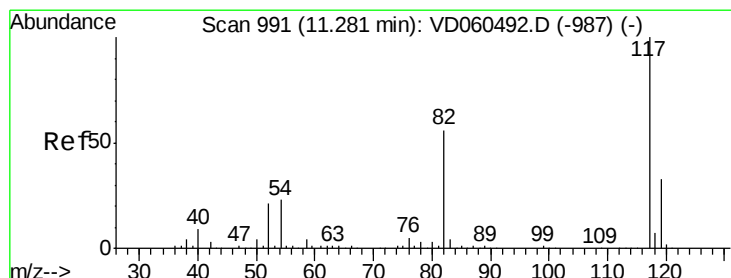
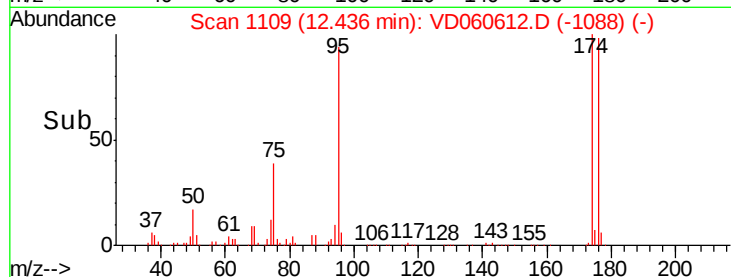
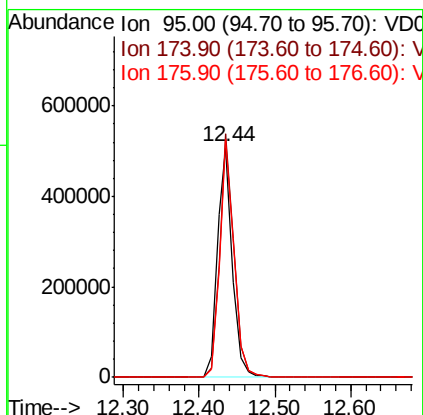
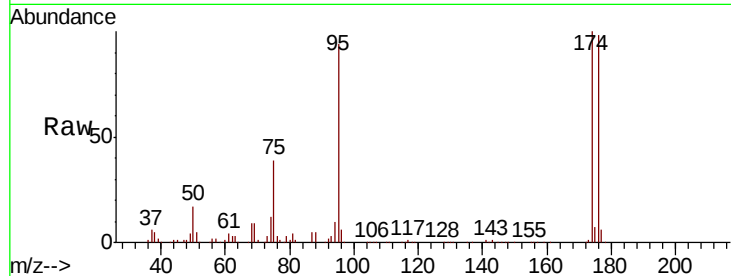




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.44 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VD060612.D
Acq: 17 Dec 2018 21:13

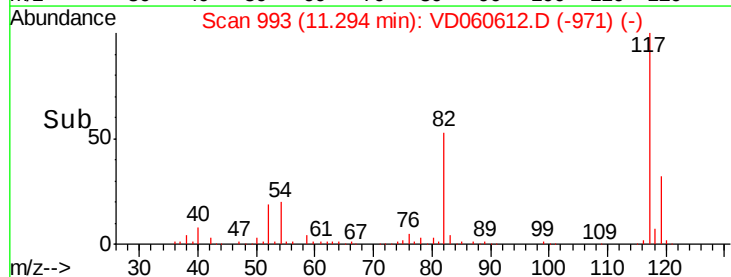
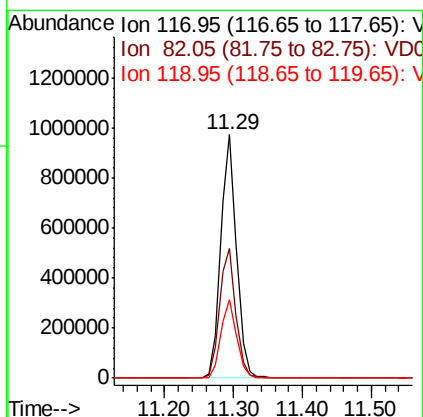
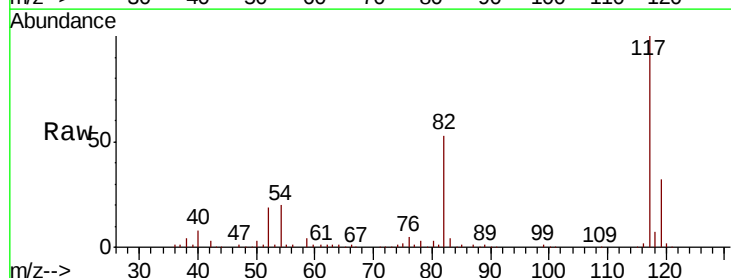
Instrument :
MSVOA_D
ClientSampleId :
EB05_12-14

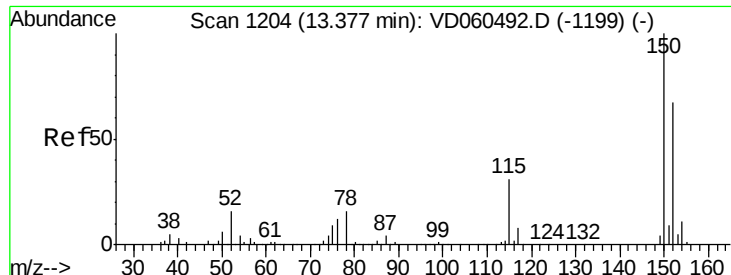
Tot Ion: 95 Resp: 705424
Ion Ratio Lower Upper
95 100
174 105.9 0.0 219.4
176 103.9 0.0 214.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. 0.01 min
Lab File: VD060612.D
Acq: 17 Dec 2018 21:13

Tgt Ion: 117 Resp: 1544578
Ion Ratio Lower Upper
117 100
82 53.5 45.2 67.8
119 32.5 26.1 39.1

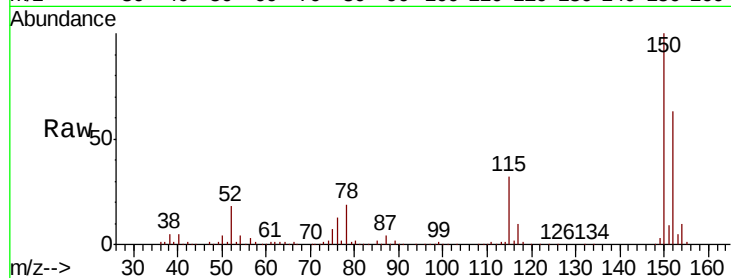




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.38 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: VD060612.D
 Acq: 17 Dec 2018 21:13

Instrument :
 MSVOA_D
 ClientSampleId :
 EB05_12-14

Tot Ion	Ratio	Lower	Upper
152	100		
115	49.7	24.6	74.0
150	157.5	0.0	309.0



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

