

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121718\
 Data File : VD060598.D
 Acq On : 17 Dec 2018 14:37
 Operator : VA/AP
 Sample : J6397-03
 Misc : 5.83g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB11 0-2

Quant Time: Dec 18 16:11:03 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	15219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	24952	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.30	117	22231	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	10927	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.80	65	10016	92.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	185.70%	
35) Dibromofluoromethane	6.34	113	9491	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
50) Toluene-d8	9.48	98	22508	42.44	ug/l	0.02
Spiked Amount 50.000			Recovery	=	84.88%	
62) 4-Bromofluorobenzene	12.44	95	8728	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.98%	

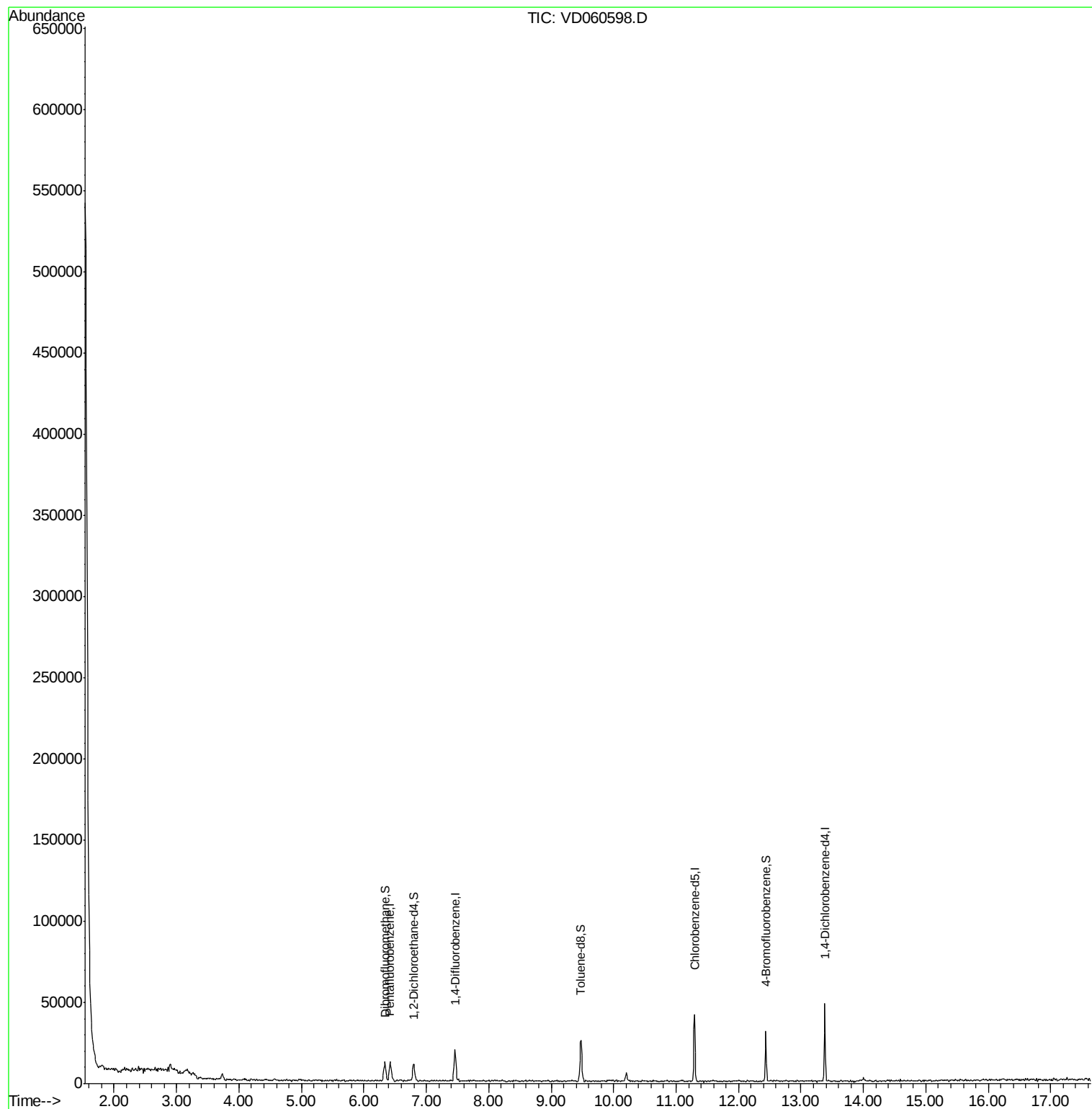
Target Compounds	Qvalue
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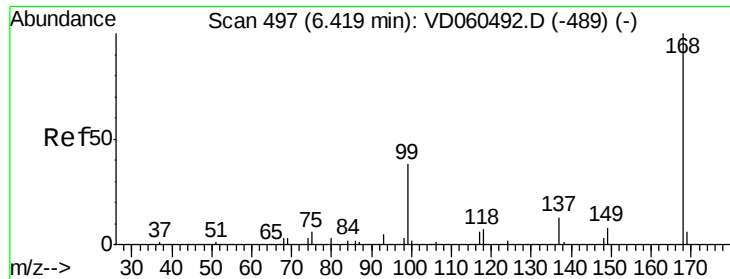
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 497

Delta R.T. -0.00 min

Lab File: VD060598.D

Acq: 17 Dec 2018 14:37

Instrument :

MSVOA_D

ClientSampleId :

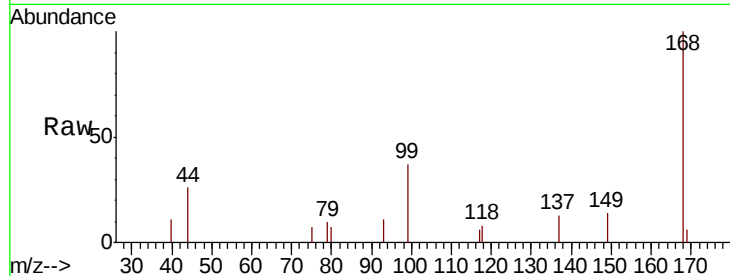
EB11 0-2

Tot Ion:168 Resp: 15219

Ion Ratio Lower Upper

168 100

99 36.7 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

6000

5000

4000

3000

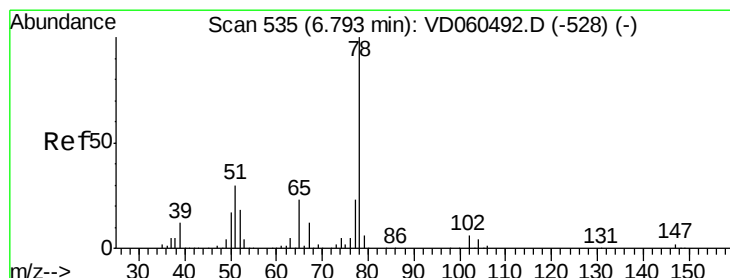
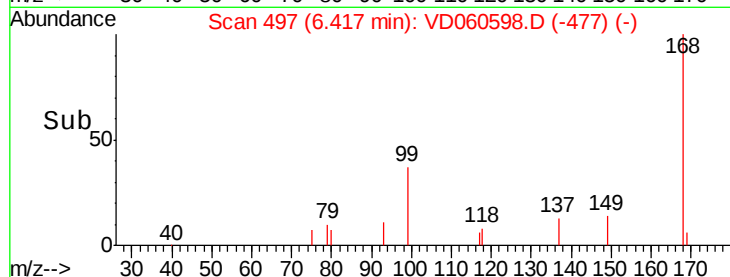
2000

1000

0

6.35 6.40 6.45 6.50

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.80 min Scan# 536

Delta R.T. 0.01 min

Lab File: VD060598.D

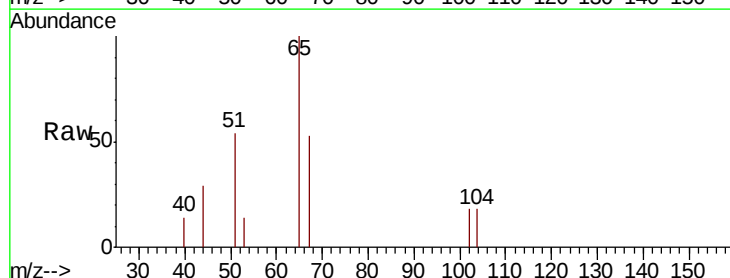
Acq: 17 Dec 2018 14:37

Tgt Ion: 65 Resp: 10016

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.80

4000

3000

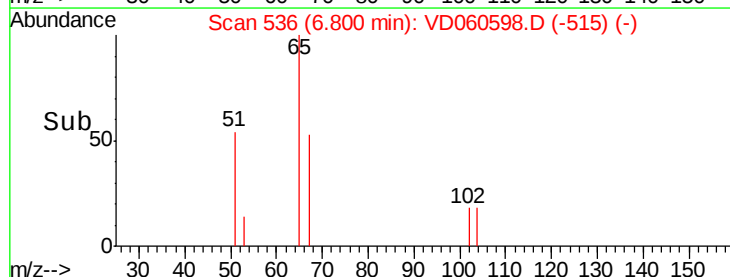
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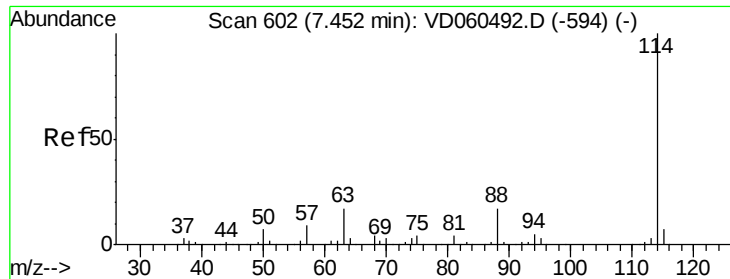
1000

0

6.70 6.75 6.80 6.85 6.90

Time-->

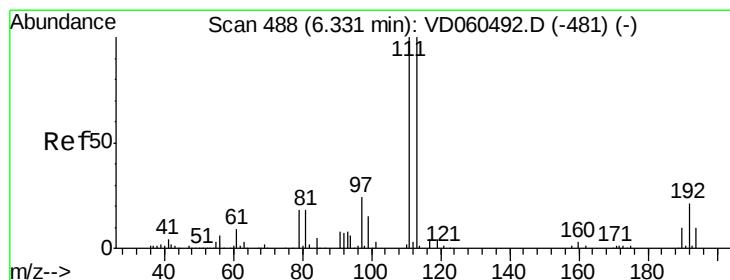
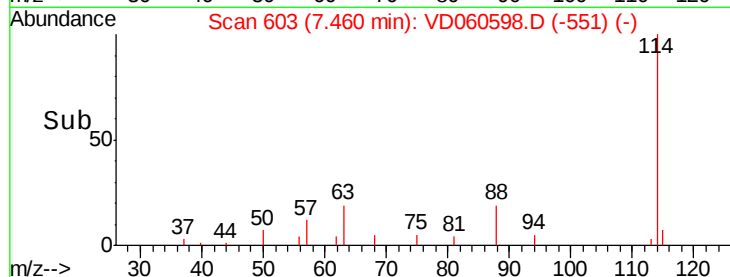
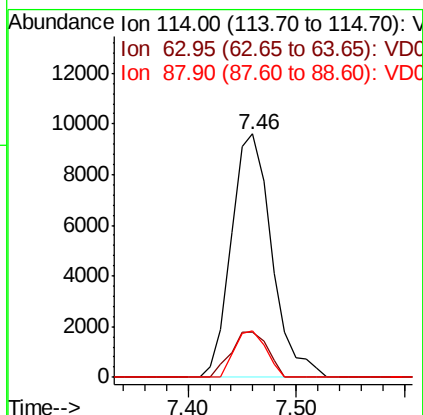
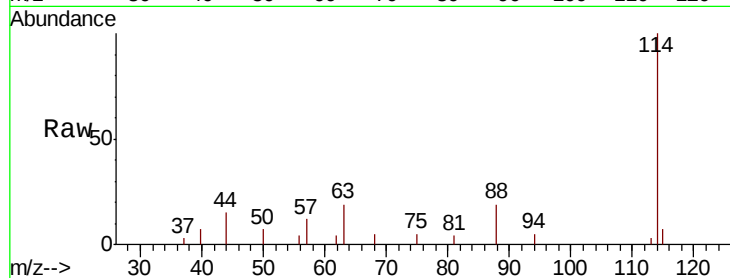




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.46 min Scan# 603
 Delta R.T. 0.01 min
 Lab File: VD060598.D
 Acq: 17 Dec 2018 14:37

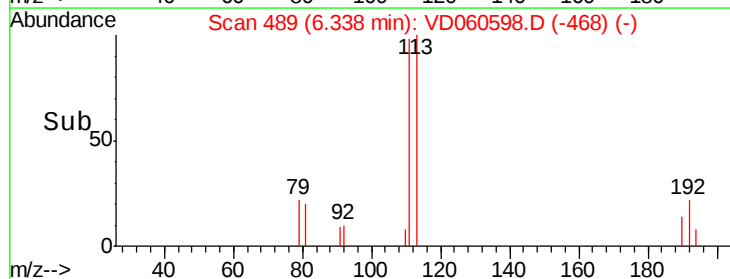
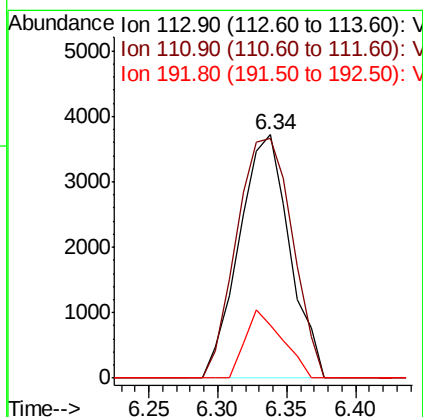
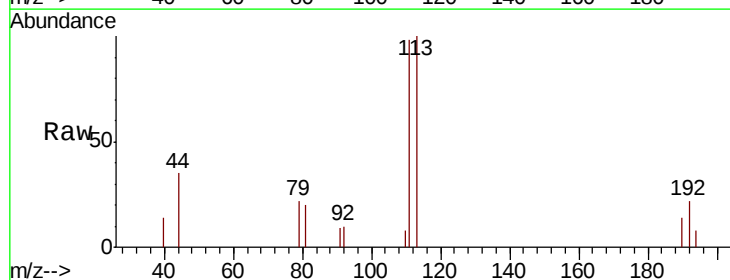
Instrument :
 MSVOA_D
 ClientSampleId :
 EB11_0-2

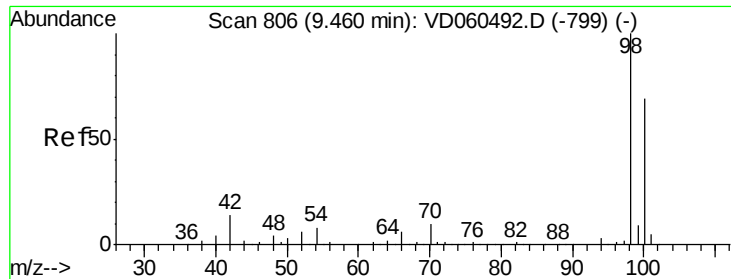
Tot Ion:114 Resp: 24952
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 34.2
 88 19.0 0.0 35.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.34 min Scan# 489
 Delta R.T. 0.01 min
 Lab File: VD060598.D
 Acq: 17 Dec 2018 14:37

Tgt Ion:113 Resp: 9491
 Ion Ratio Lower Upper
 113 100
 111 98.3 80.2 120.4
 192 22.0 16.6 24.8

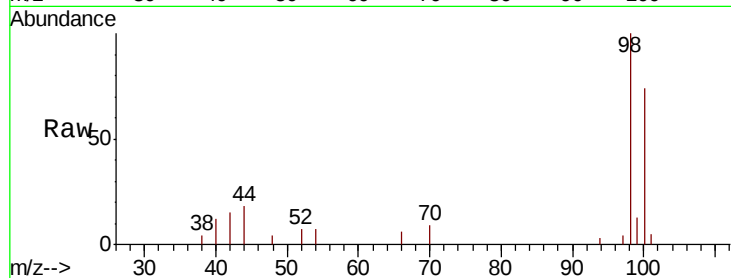




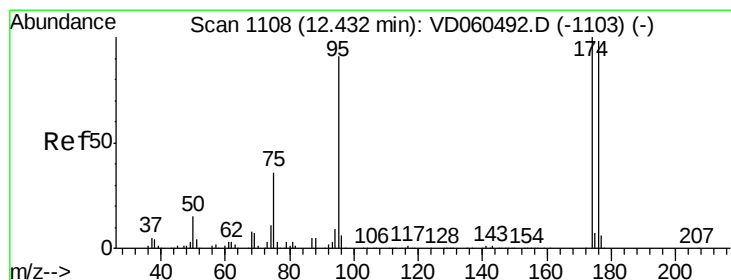
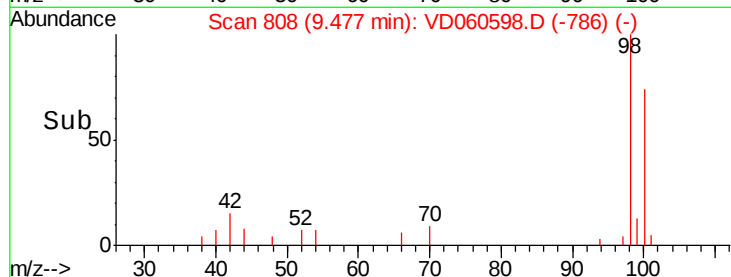
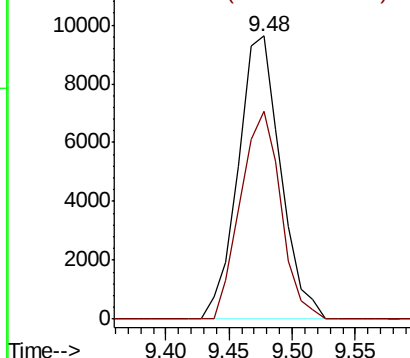
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.48 min Scan# 808
Delta R.T. 0.02 min
Lab File: VD060598.D
Acq: 17 Dec 2018 14:37

Instrument :
MSVOA_D
ClientSampled :
EB11 0-2

Tot Ion: 98 Resp: 22508
Ion Ratio Lower Upper
98 100
100 73.7 55.7 83.5

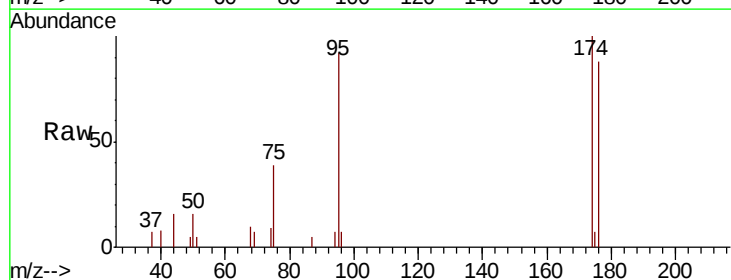


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

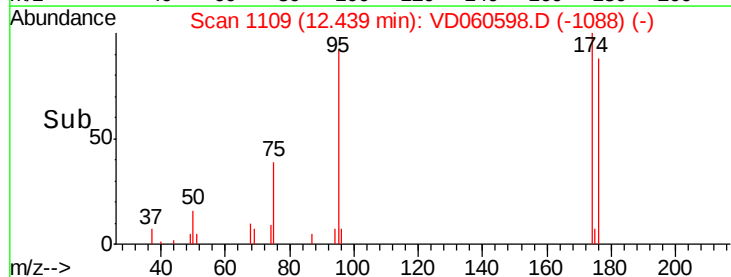
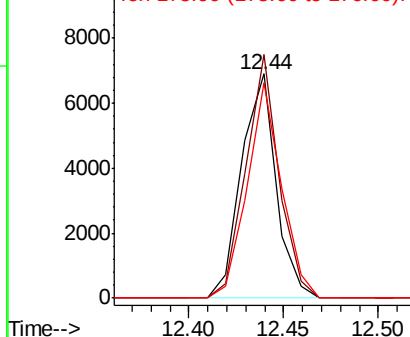


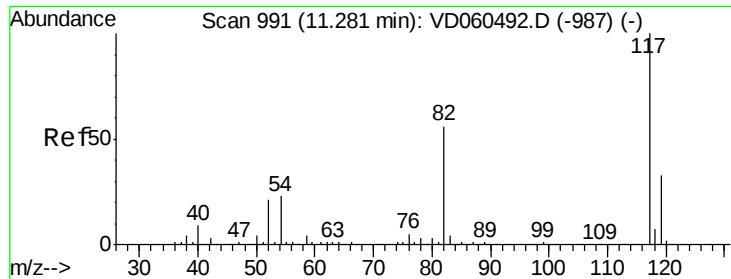
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.44 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VD060598.D
Acq: 17 Dec 2018 14:37

Tgt Ion: 95 Resp: 8728
Ion Ratio Lower Upper
95 100
174 108.6 0.0 219.4
176 96.1 0.0 214.6



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

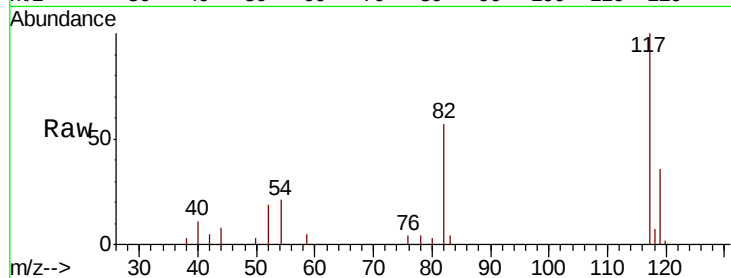




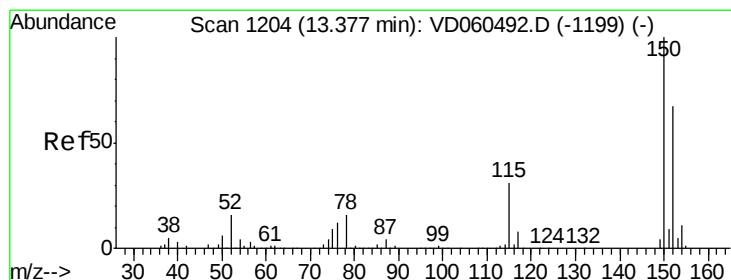
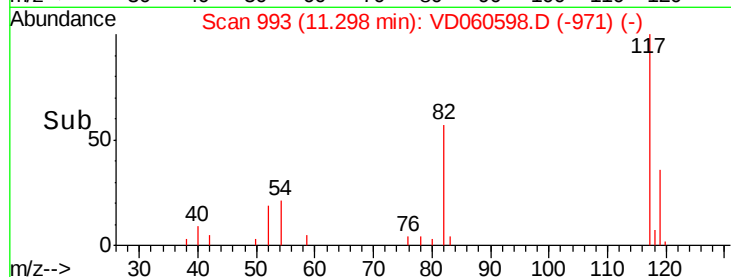
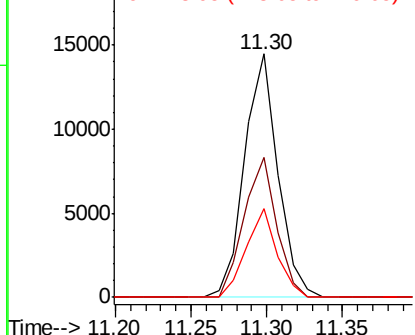
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.30 min Scan# 993
Delta R.T. 0.02 min
Lab File: VD060598.D
Acq: 17 Dec 2018 14:37

Instrument :
MSVOA_D
ClientSampleId :
EB11_0-2

Tot Ion:117 Resp: 22231
Ion Ratio Lower Upper
117 100
82 57.4 45.2 67.8
119 36.4 26.1 39.1

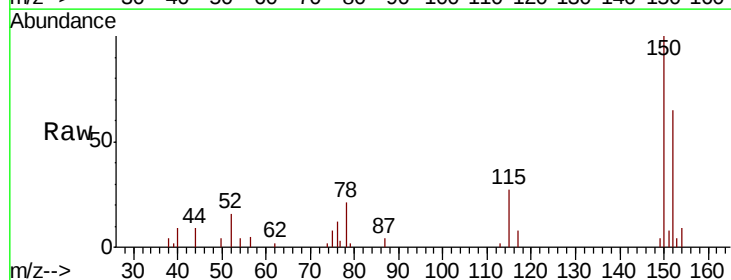


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.01 min
Lab File: VD060598.D
Acq: 17 Dec 2018 14:37

Tgt Ion:152 Resp: 10927
Ion Ratio Lower Upper
152 100
115 41.9 24.6 74.0
150 155.0 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

