

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122018\
 Data File : VD060668.D
 Acq On : 20 Dec 2018 19:48
 Operator : VA/AP
 Sample : J6465-02
 Misc : 4.77g/5ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB01_0-2

Quant Time: Dec 21 12:06:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 03:34:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	14783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.44	114	25646	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	23816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	10316	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	8901	87.13	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	174.26%	
35) Dibromofluoromethane	6.31	113	9206	49.04	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	98.08%	
50) Toluene-d8	9.46	98	21269	37.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.96%	
62) 4-Bromofluorobenzene	12.43	95	7852	40.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.06%	

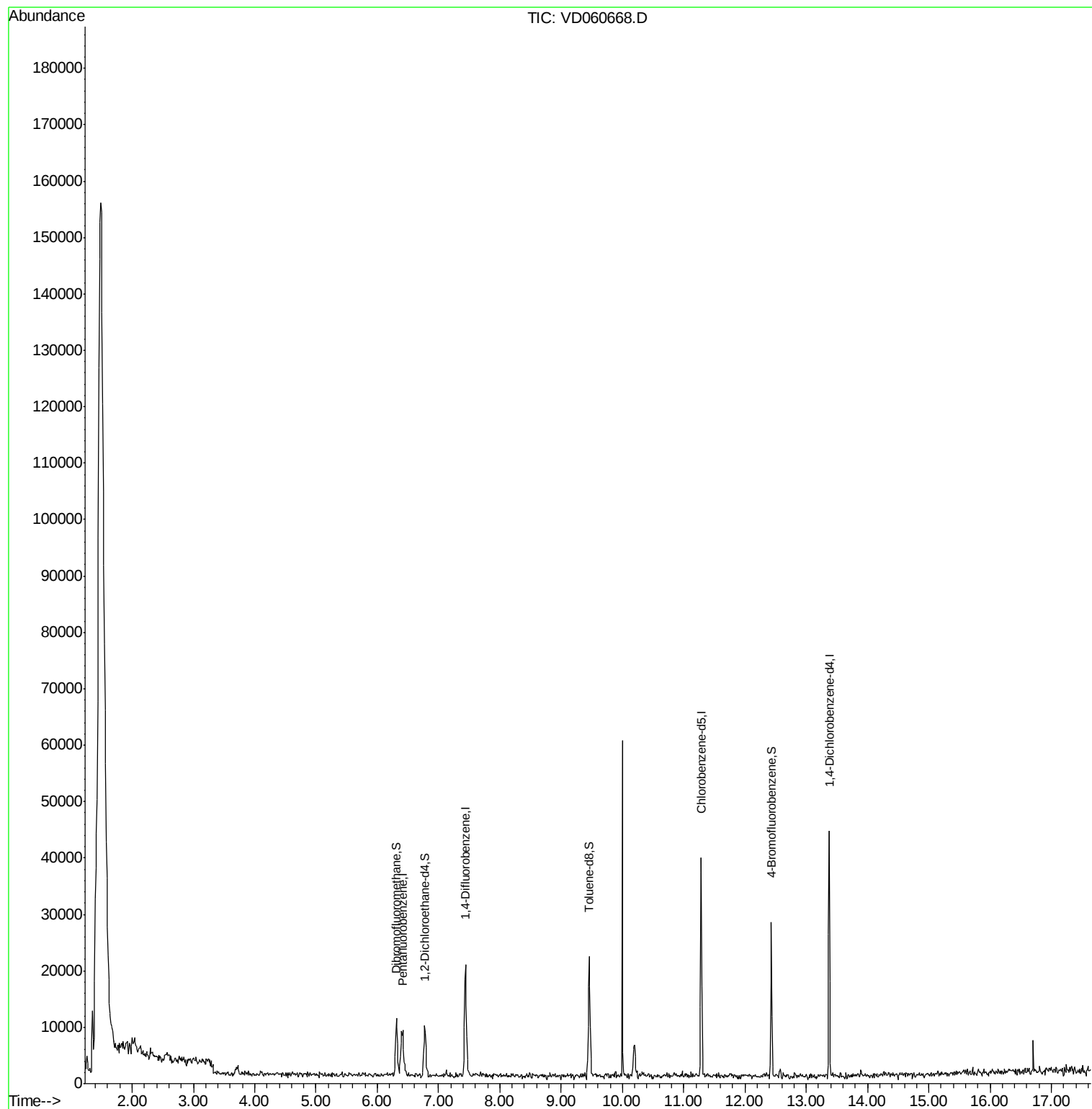
Target Compounds	Qvalue
------------------	--------

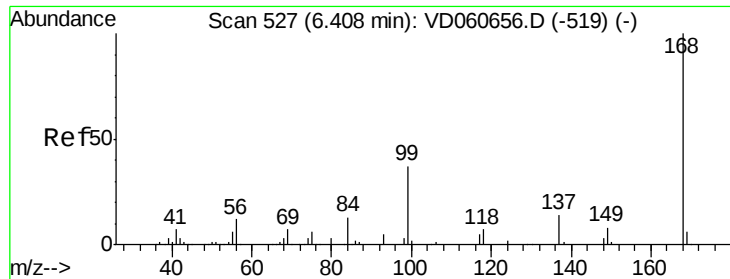
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD122018\
Data File : VD060668.D
Acq On : 20 Dec 2018 19:48
Operator : VA/AP
Sample : J6465-02
Misc : 4.77g/5ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EB01_0-2

Quant Time: Dec 21 12:06:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 03:34:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 528

Delta R.T. 0.01 min

Lab File: VD060668.D

Acq: 20 Dec 2018 19:48

Instrument :

MSVOA_D

ClientSampleId :

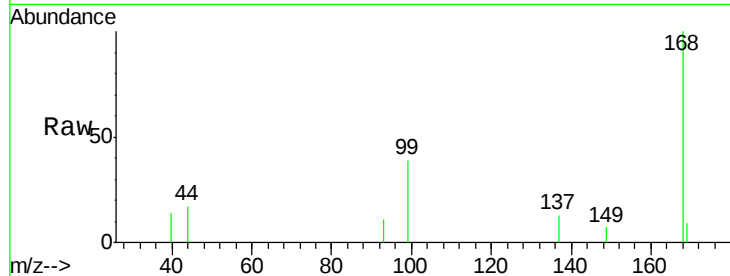
EB01_0-2

Tgt Ion:168 Resp: 14783

Ion Ratio Lower Upper

168 100

99 39.2 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

4000

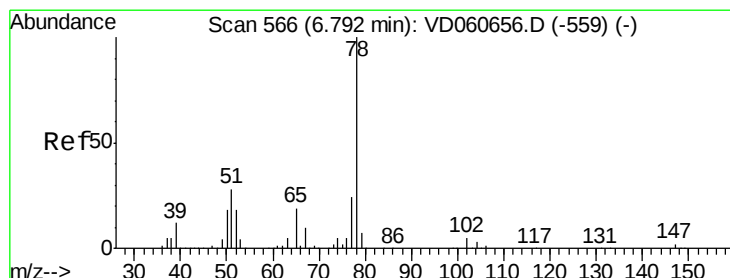
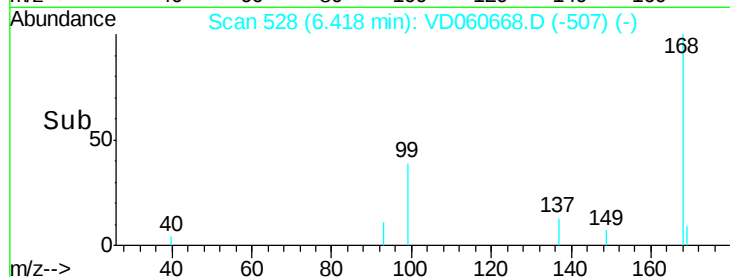
3000

2000

1000

0

Time--> 6.30 6.40 6.50



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.77 min Scan# 564

Delta R.T. -0.02 min

Lab File: VD060668.D

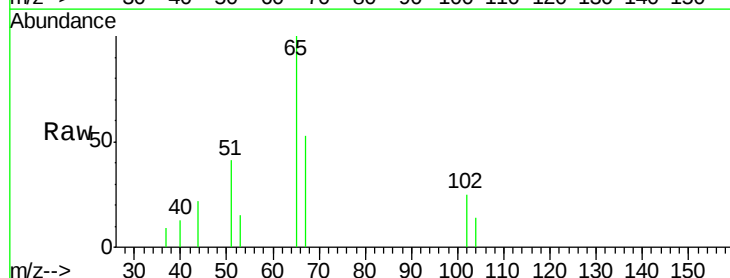
Acq: 20 Dec 2018 19:48

Tgt Ion: 65 Resp: 8901

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.77

4000

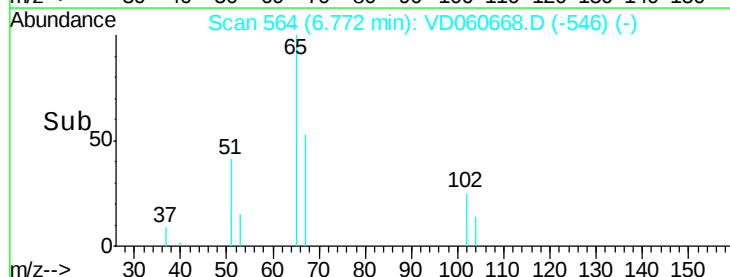
3000

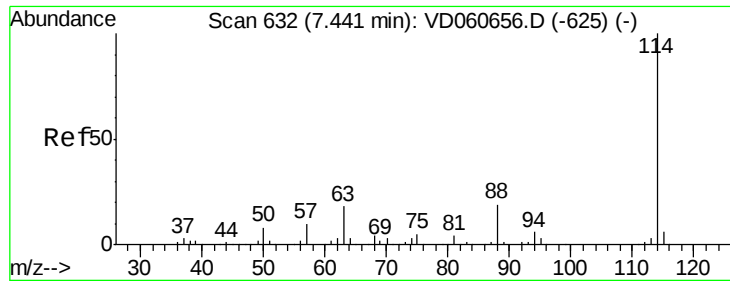
2000

1000

0

Time--> 6.70 6.75 6.80 6.85

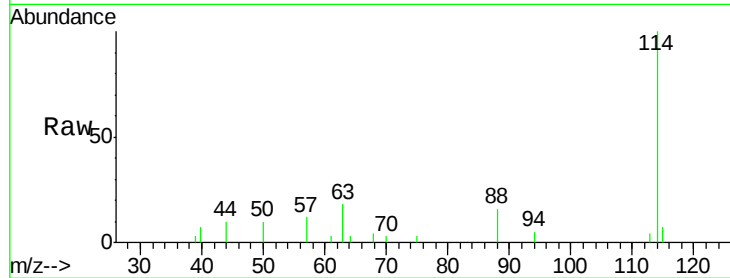




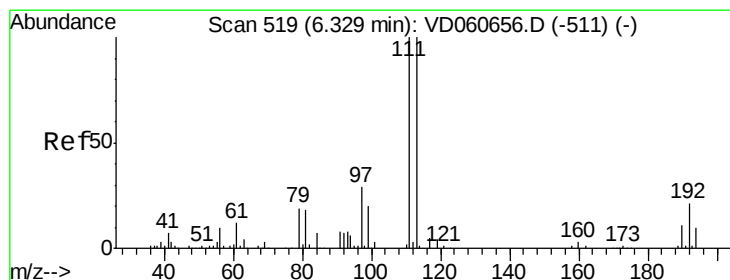
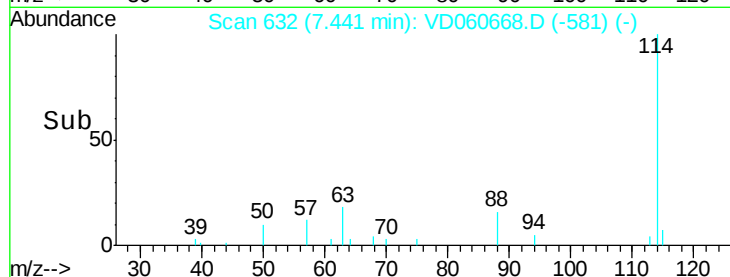
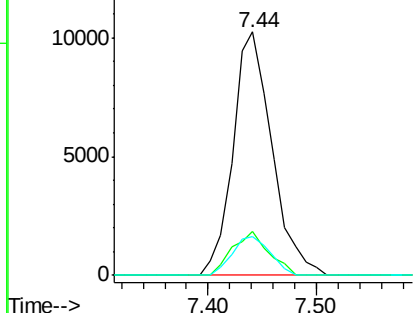
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: VD060668.D
 Acq: 20 Dec 2018 19:48

Instrument :
 MSVOA_D
 ClientSampled :
 EB01_0-2

Tgt Ion:114 Resp: 25646
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.2
 88 15.7 0.0 37.0

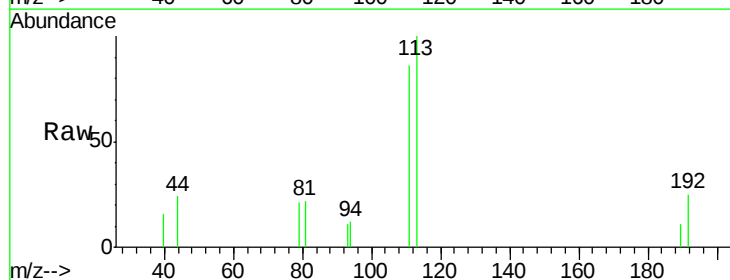


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

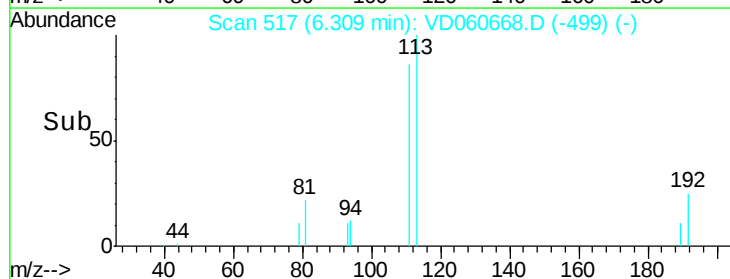
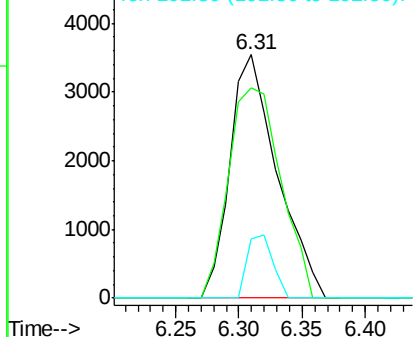


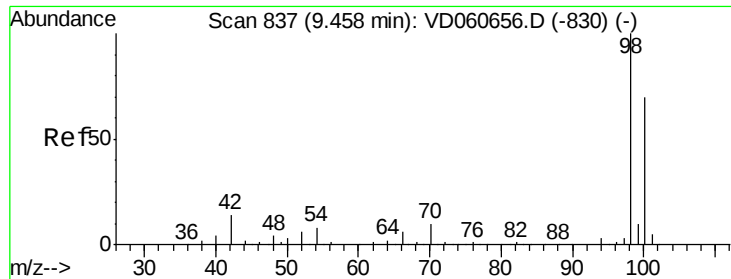
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 517
 Delta R.T. -0.02 min
 Lab File: VD060668.D
 Acq: 20 Dec 2018 19:48

Tgt Ion:113 Resp: 9206
 Ion Ratio Lower Upper
 113 100
 111 86.4 80.0 120.0
 192 24.6 16.6 25.0



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

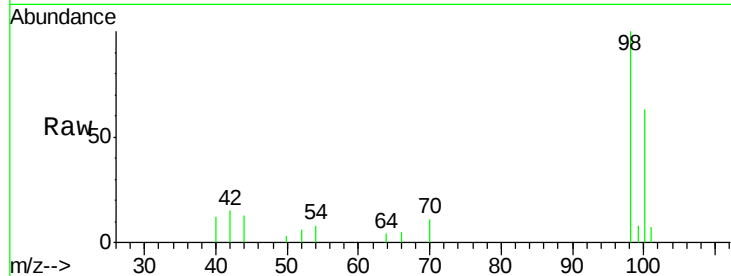




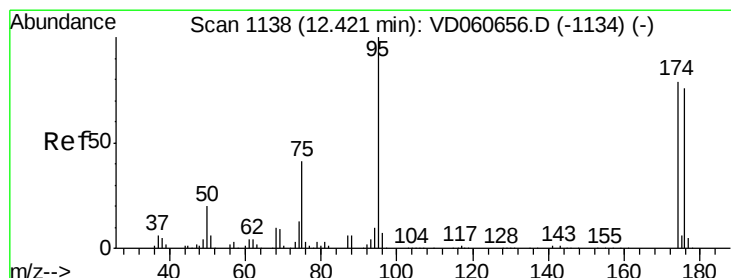
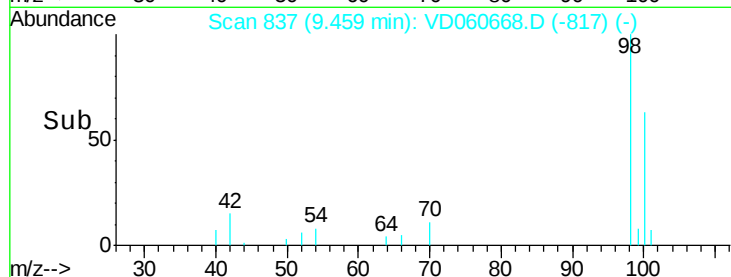
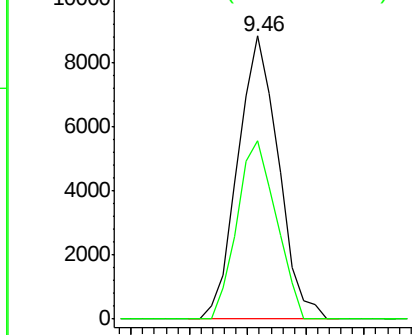
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 837
Delta R.T. 0.00 min
Lab File: VD060668.D
Acq: 20 Dec 2018 19:48

Instrument :
MSVOA_D
ClientSampleId :
EB01_0-2

Tgt Ion: 98 Resp: 21269
Ion Ratio Lower Upper
98 100
100 62.9 55.8 83.8

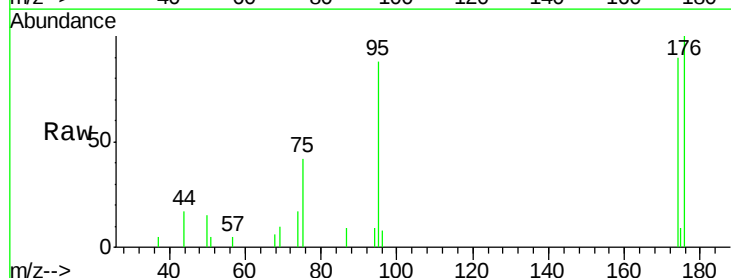


Abundance Ion 98.05 (97.75 to 98.75): VD060656.D (-830) (-)
Ion 100.05 (99.75 to 100.75): VD060656.D (-830) (-)

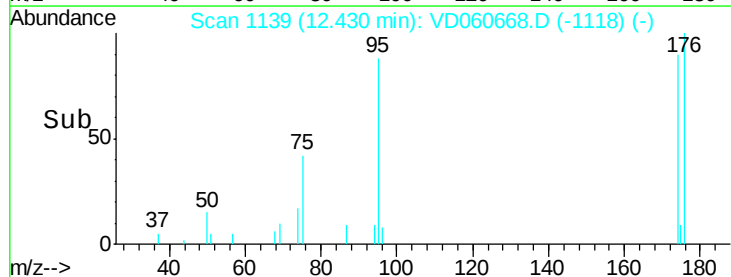
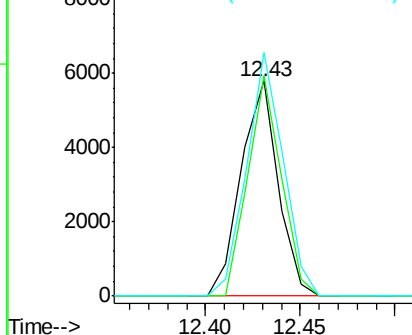


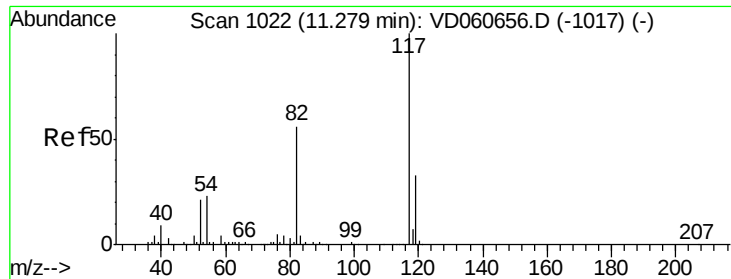
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1139
Delta R.T. 0.01 min
Lab File: VD060668.D
Acq: 20 Dec 2018 19:48

Tgt Ion: 95 Resp: 7852
Ion Ratio Lower Upper
95 100
174 102.2 0.0 158.2
176 113.1 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): VD060656.D (-1134) (-)
Ion 173.90 (173.60 to 174.60): VD060656.D (-1134) (-)
Ion 175.90 (175.60 to 176.60): VD060656.D (-1134) (-)

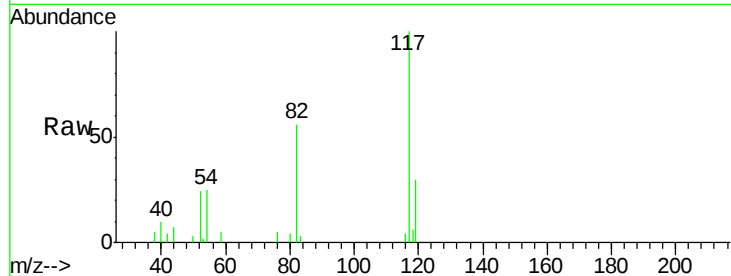




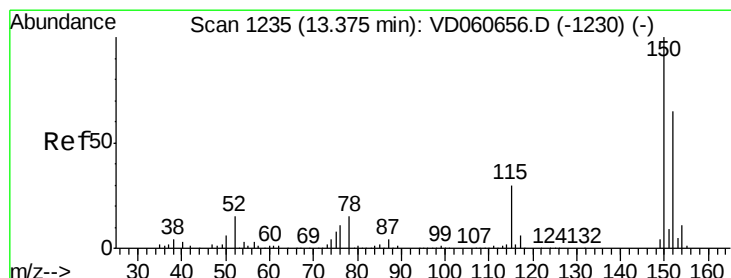
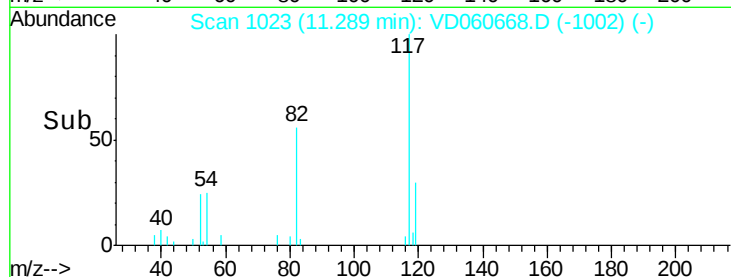
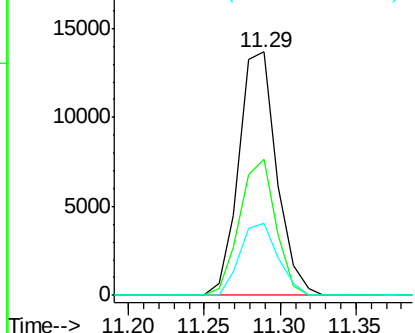
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 1023
Delta R.T. 0.01 min
Lab File: VD060668.D
Acq: 20 Dec 2018 19:48

Instrument :
MSVOA_D
ClientSampleId :
EB01_0-2

Tgt Ion:117 Resp: 23816
Ion Ratio Lower Upper
117 100
82 56.0 44.5 66.7
119 29.6 26.3 39.5

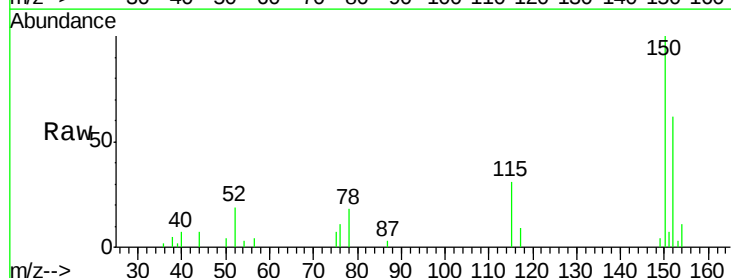


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VD060668.D
Acq: 20 Dec 2018 19:48

Tgt Ion:152 Resp: 10316
Ion Ratio Lower Upper
152 100
115 49.8 24.1 72.3
150 160.2 0.0 315.0



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

