

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110118\
 Data File : VD060279.D
 Acq On : 1 Nov 2018 23:13
 Operator : VA/AP
 Sample : J5741-15
 Misc : 6.85g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Nov 02 02:48:11 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	48932	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.45	114	98291	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	90582	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	45591	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	45548	122.80	ug/l	0.03
Spiked Amount	50.000		Recovery	=	245.60%	
35) Dibromofluoromethane	6.33	113	41657	55.81	ug/l	0.03
Spiked Amount	50.000		Recovery	=	111.62%	
50) Toluene-d8	9.47	98	76776	36.07	ug/l	0.03
Spiked Amount	50.000		Recovery	=	72.14%	
62) 4-Bromofluorobenzene	12.43	95	34649	43.48	ug/l	0.01
Spiked Amount	50.000		Recovery	=	86.96%	

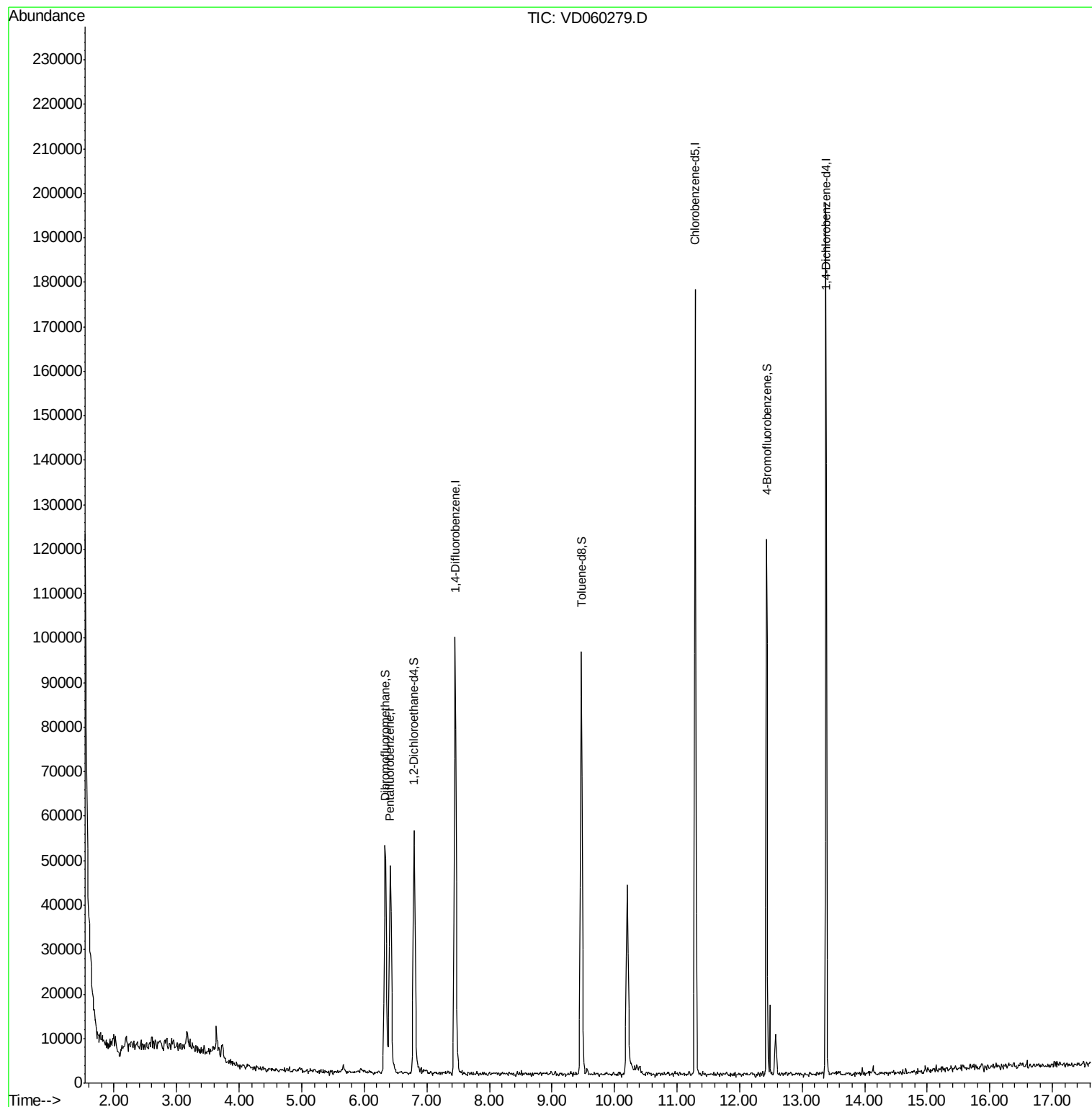
Target Compounds	Qvalue

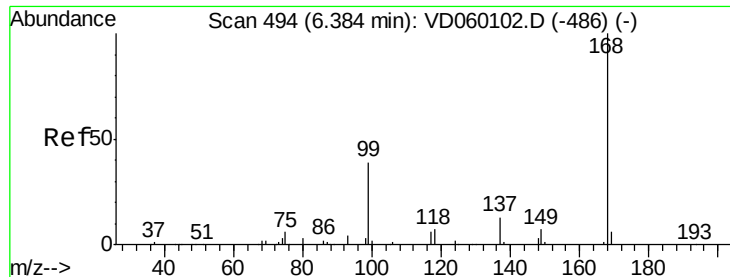
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 497

Delta R.T. 0.03 min

Lab File: VD060279.D

Acq: 1 Nov 2018 23:13

Instrument :

MSVOA_D

ClientSampleId :

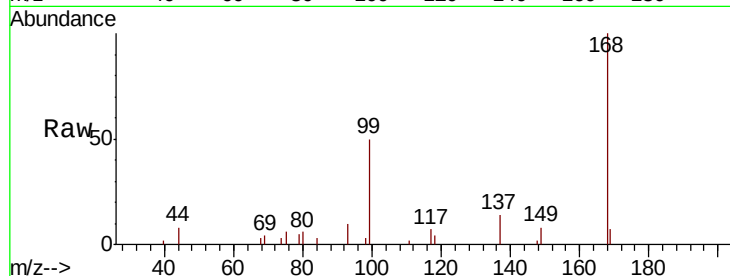
TP-4

Tot Ion:168 Resp: 48932

Ion Ratio Lower Upper

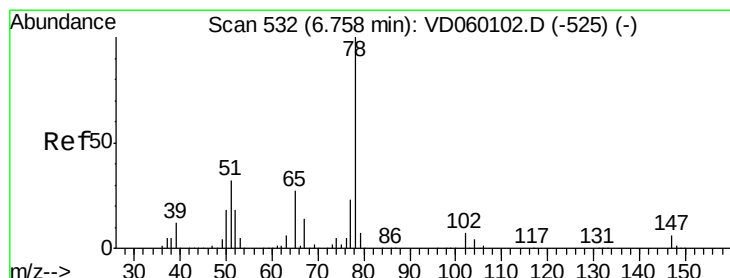
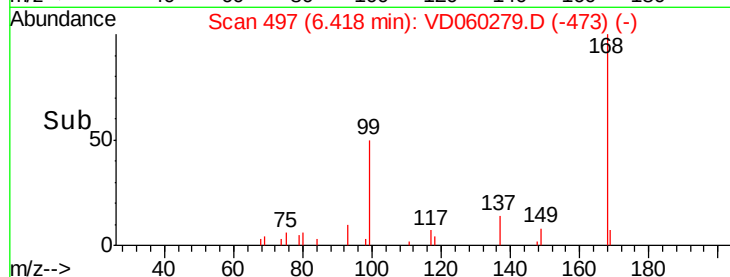
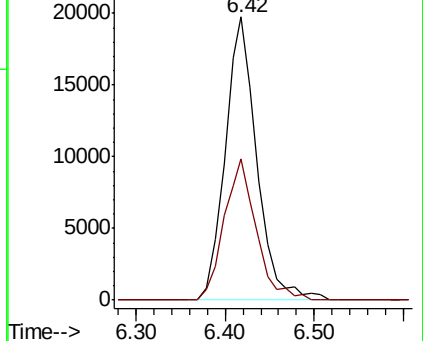
168 100

99 50.0 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.79 min Scan# 535

Delta R.T. 0.03 min

Lab File: VD060279.D

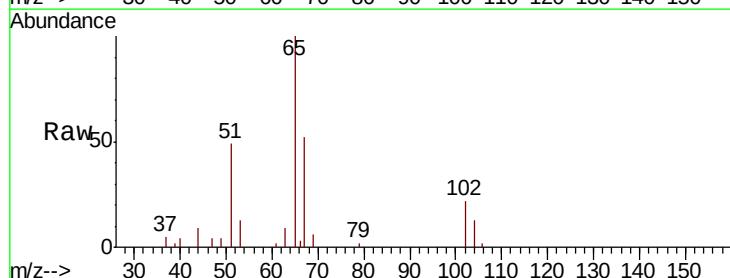
Acq: 1 Nov 2018 23:13

Tgt Ion: 65 Resp: 45548

Ion Ratio Lower Upper

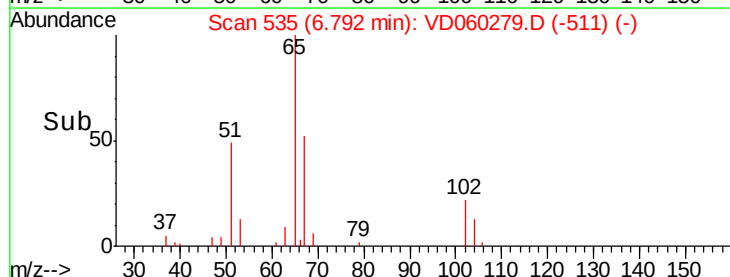
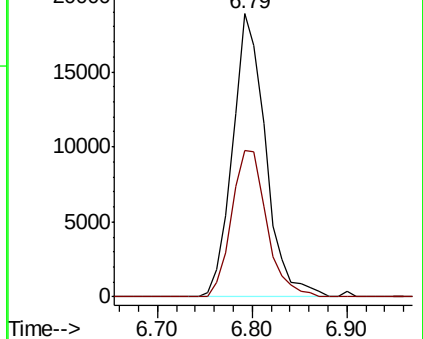
65 100

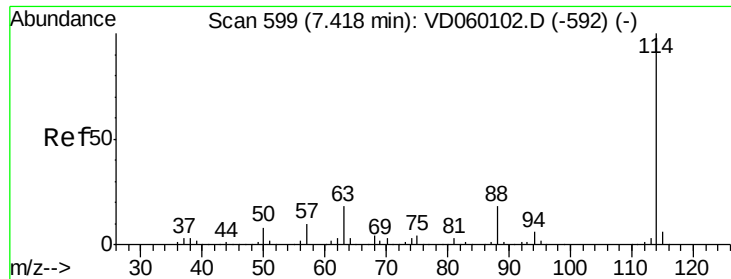
67 51.7 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

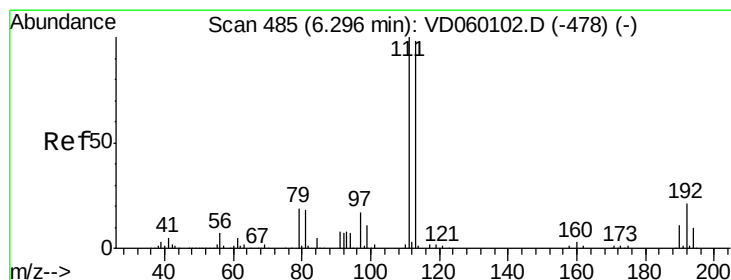
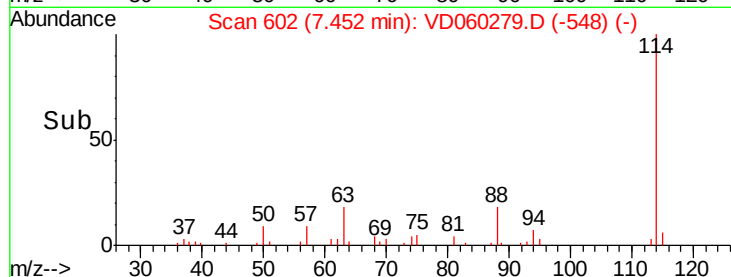
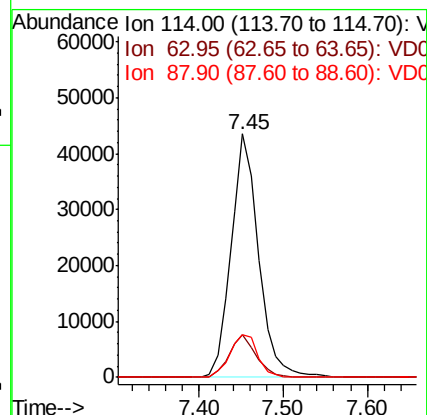
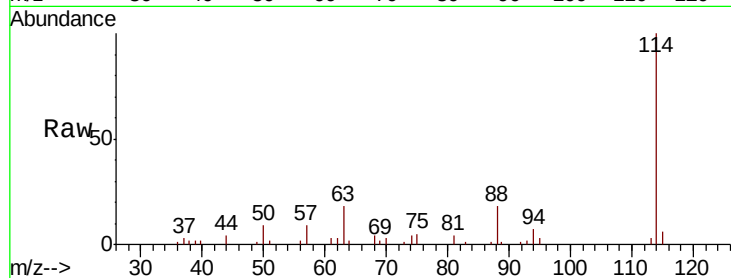




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060279.D
 Acq: 1 Nov 2018 23:13

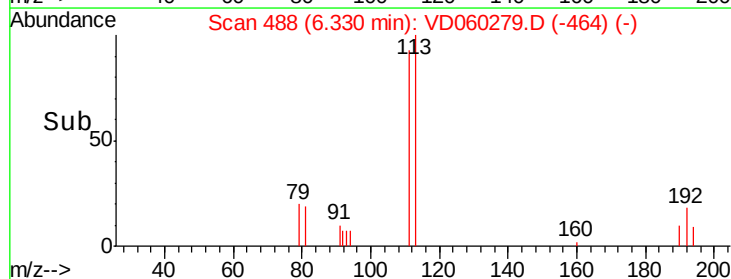
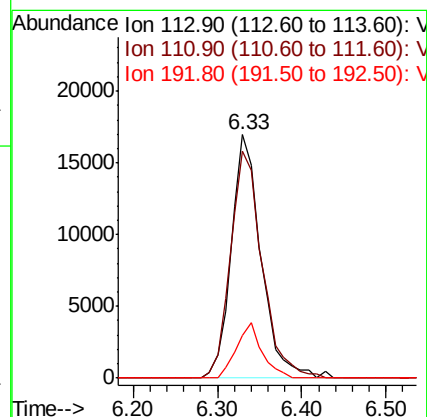
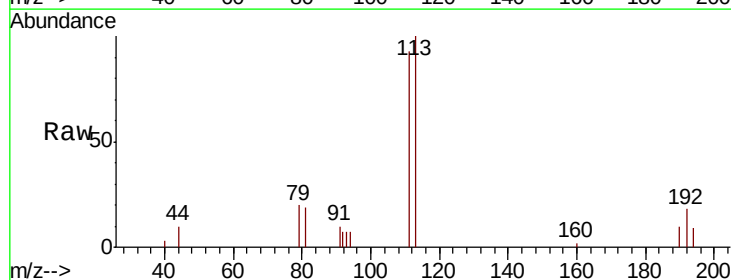
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

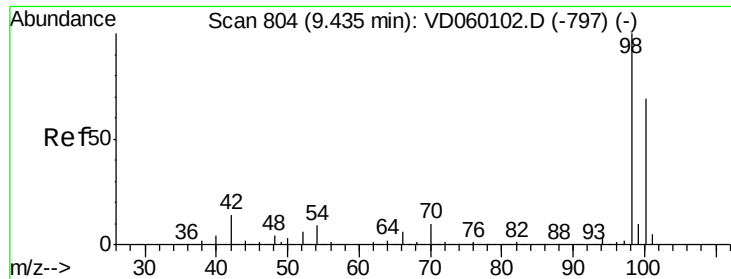
Tot Ion:114 Resp: 98291
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.0
 88 17.6 0.0 36.2



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060279.D
 Acq: 1 Nov 2018 23:13

Tgt Ion:113 Resp: 41657
 Ion Ratio Lower Upper
 113 100
 111 93.1 81.5 122.3
 192 17.8 17.4 26.0

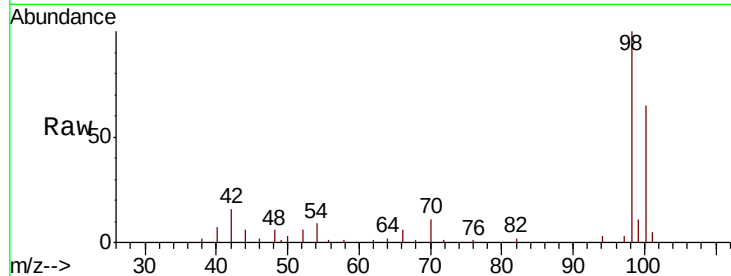




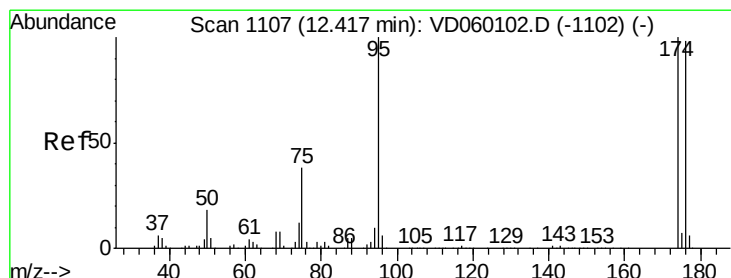
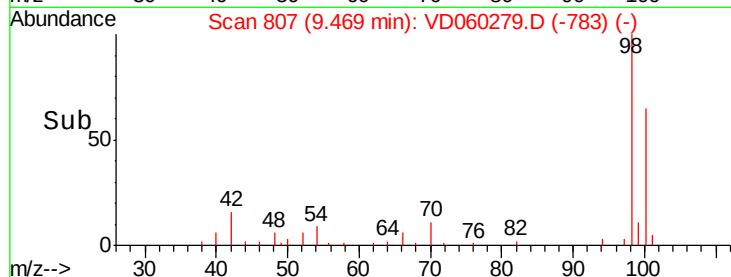
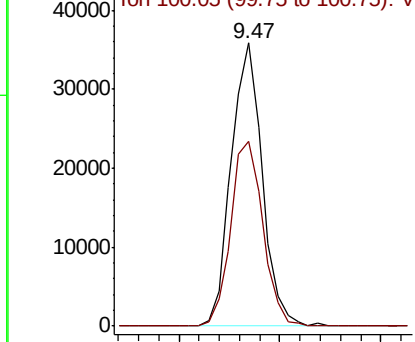
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.47 min Scan# 807
Delta R.T. 0.03 min
Lab File: VD060279.D
Acq: 1 Nov 2018 23:13

Instrument :
MSVOA_D
ClientSampled :
TP-4

Tot Ion: 98 Resp: 76776
Ion Ratio Lower Upper
98 100
100 65.3 55.4 83.0

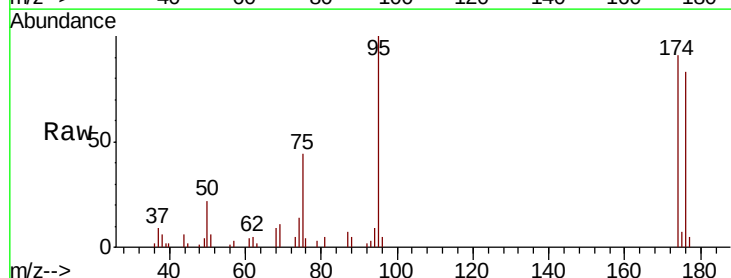


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

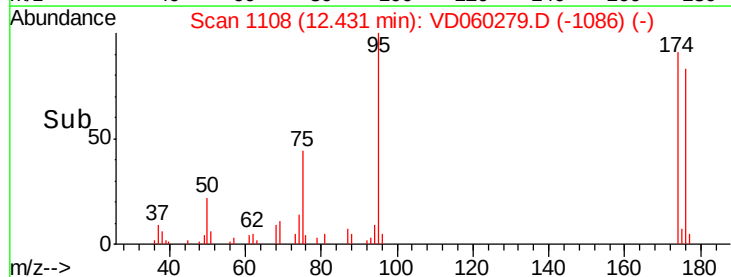
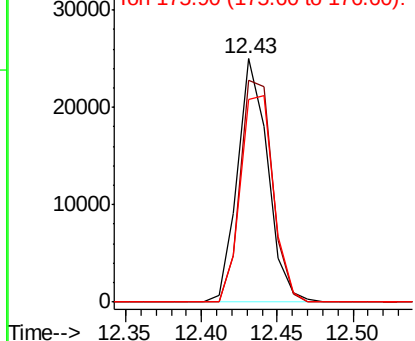


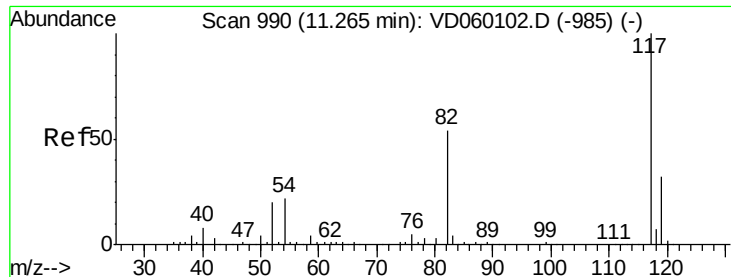
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060279.D
Acq: 1 Nov 2018 23:13

Tgt Ion: 95 Resp: 34649
Ion Ratio Lower Upper
95 100
174 91.3 0.0 200.2
176 83.3 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

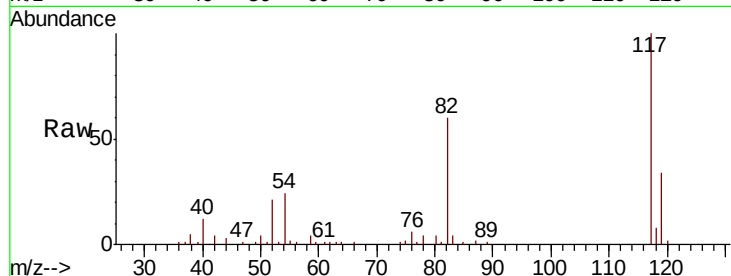




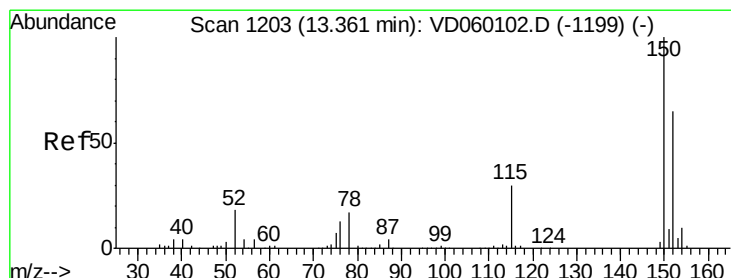
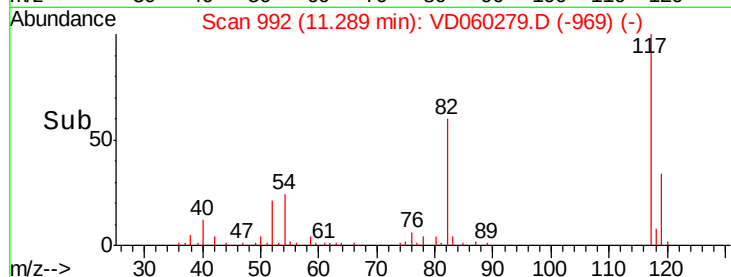
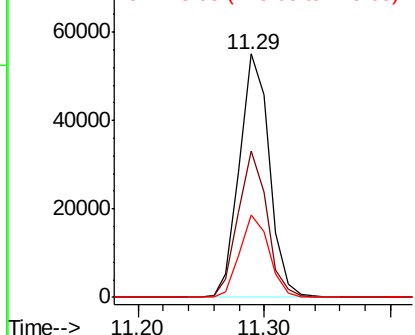
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060279.D
Acq: 1 Nov 2018 23:13

Instrument :
MSVOA_D
ClientSampleId :
TP-4

Tot Ion:117 Resp: 90582
Ion Ratio Lower Upper
117 100
82 60.2 43.4 65.2
119 33.8 26.0 39.0

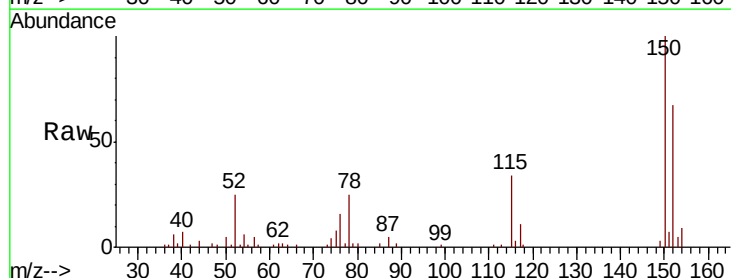


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060279.D
Acq: 1 Nov 2018 23:13

Tgt Ion:152 Resp: 45591
Ion Ratio Lower Upper
152 100
115 50.2 27.1 81.2
150 149.6 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

