

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092018\
 Data File : VD060053.D
 Acq On : 20 Sep 2018 17:40
 Operator : VA/AP
 Sample : J5017-01
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-N-NW-055

Quant Time: Sep 21 01:10:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1279215	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	1746017	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1268431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	489289	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	426920	42.80	ug/l	0.02
Spiked Amount	50.000		Recovery	=	85.60%	
35) Dibromofluoromethane	6.32	113	587140	43.04	ug/l	0.02
Spiked Amount	50.000		Recovery	=	86.08%	
50) Toluene-d8	9.44	98	1475871	39.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.08%	
62) 4-Bromofluorobenzene	12.42	95	466326	32.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.58%	

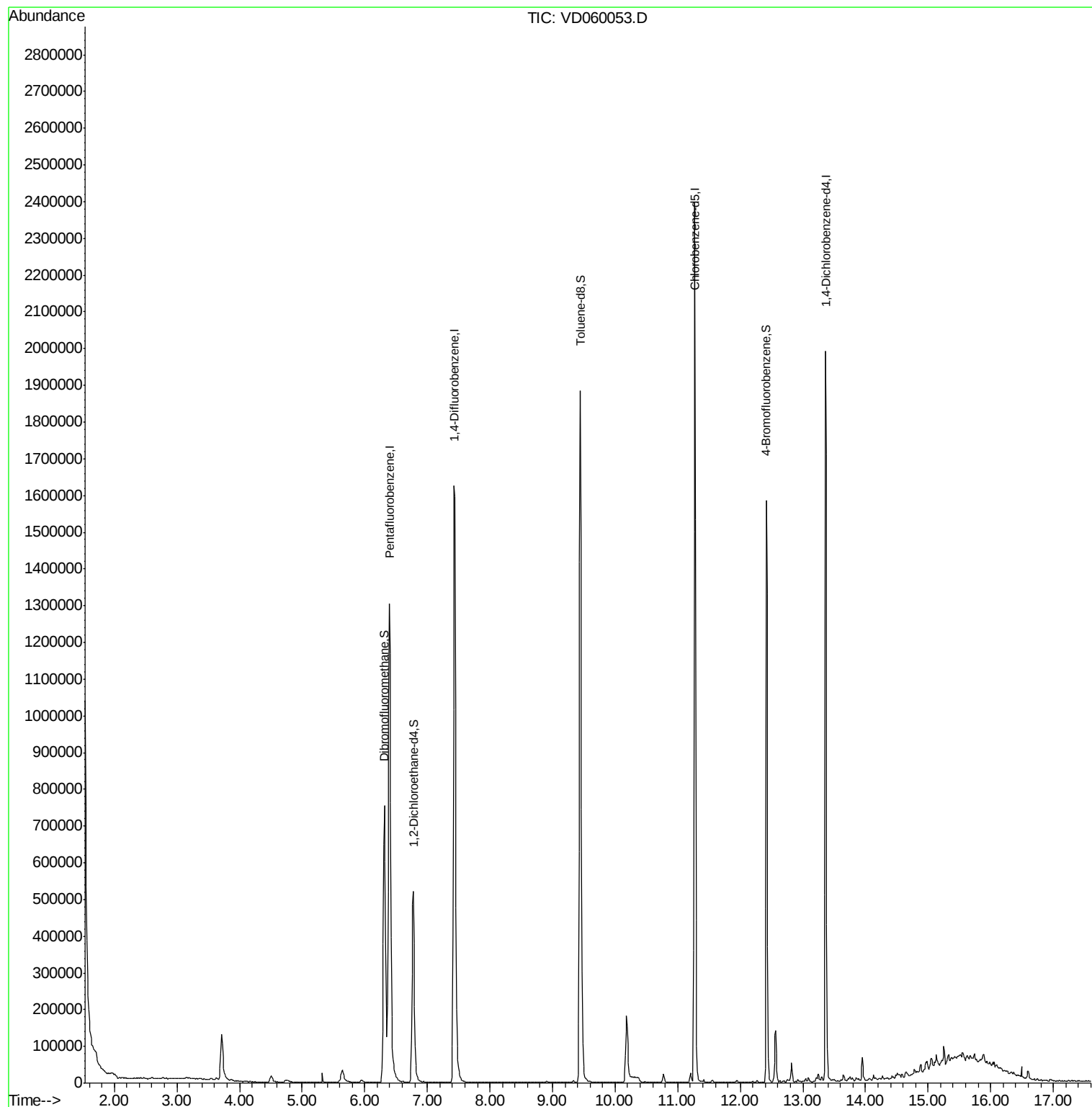
Target Compounds	Qvalue

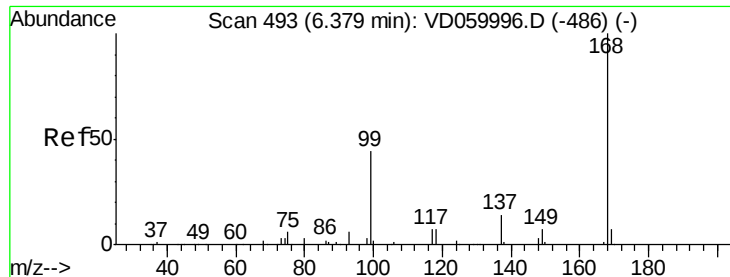
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 495

Delta R.T. 0.02 min

Lab File: VD060053.D

Acq: 20 Sep 2018 17:40

Instrument :

MSVOA_D

ClientSampleId :

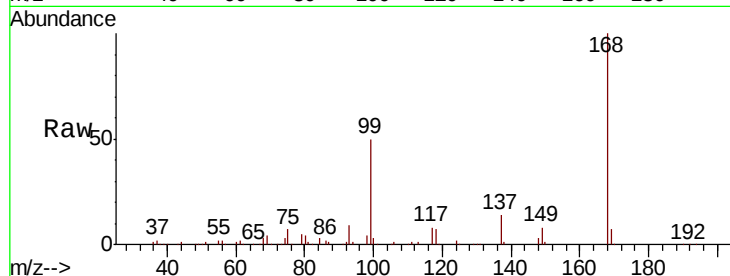
RA-091918-N-NW-055

Tot Ion:168 Resp: 1279215

Ion Ratio Lower Upper

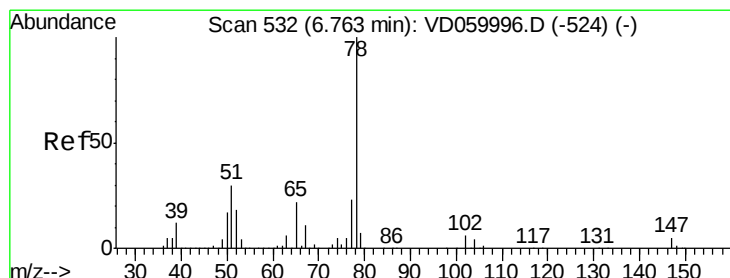
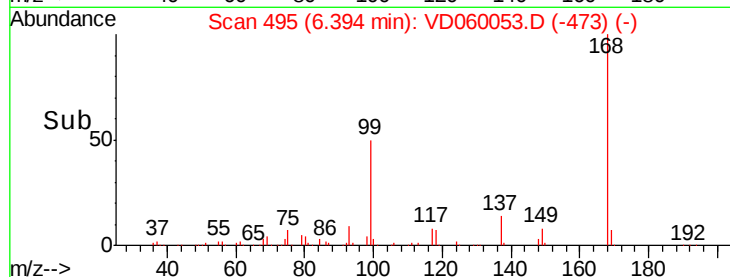
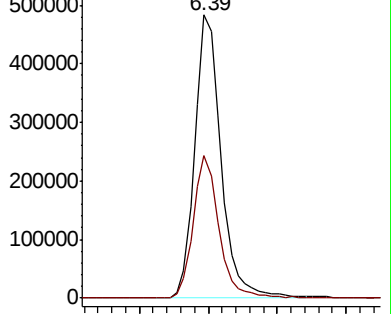
168 100

99 50.2 38.5 57.7



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: Below ug/l

RT: 6.78 min Scan# 534

Delta R.T. 0.02 min

Lab File: VD060053.D

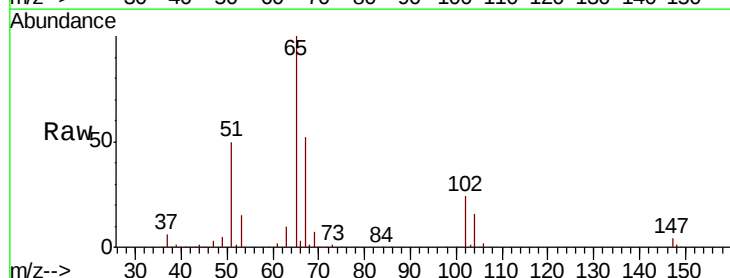
Acq: 20 Sep 2018 17:40

Tgt Ion: 65 Resp: 426920

Ion Ratio Lower Upper

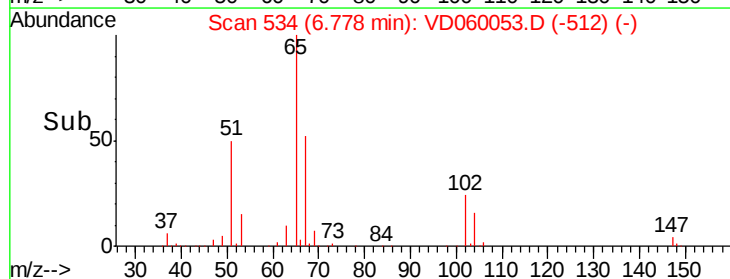
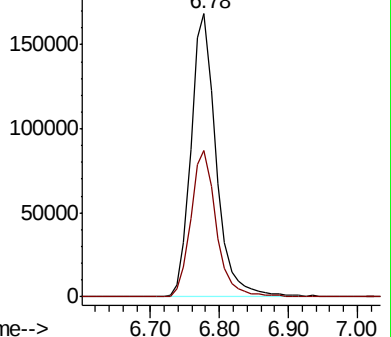
65 100

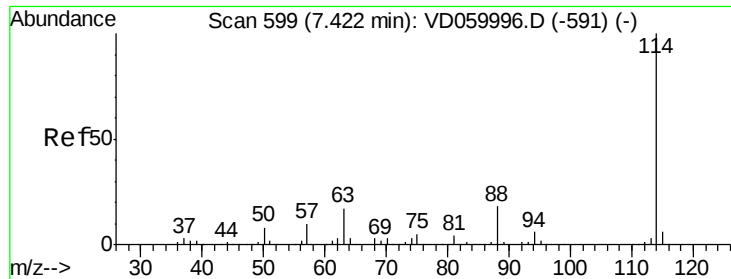
67 51.8 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

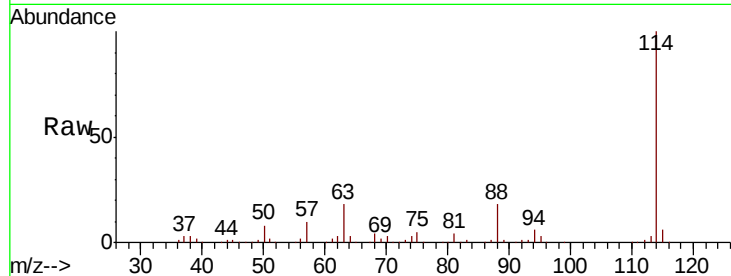




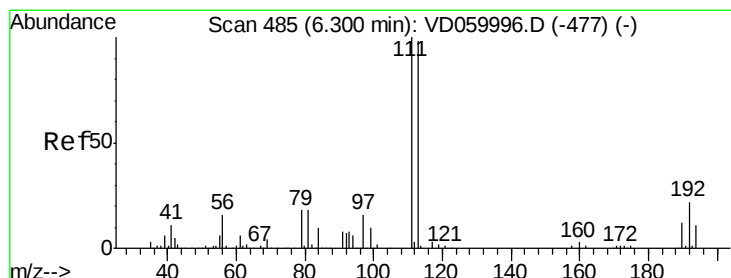
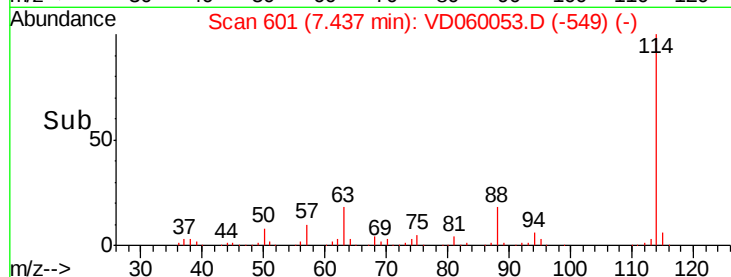
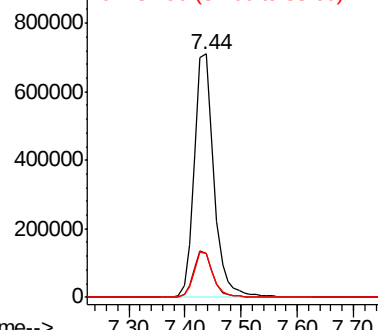
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.02 min
 Lab File: VD060053.D
 Acq: 20 Sep 2018 17:40

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-N-NW-055

Tot Ion:114 Resp: 1746017
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.4
 88 18.0 0.0 35.8

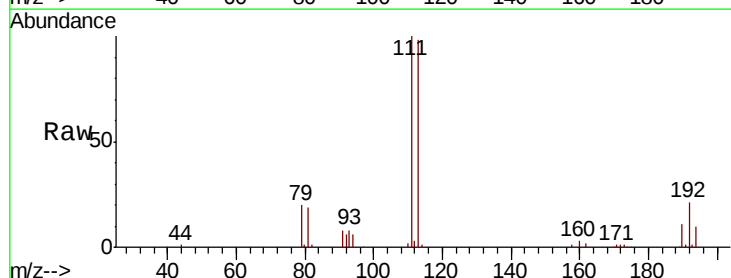


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

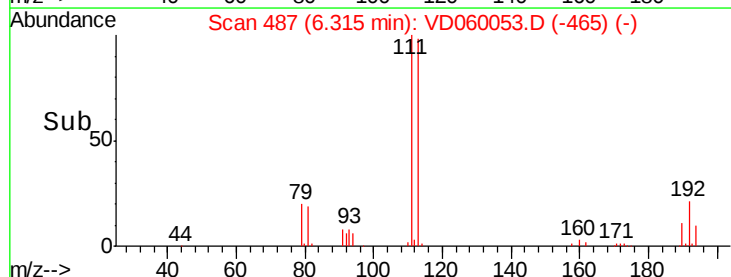
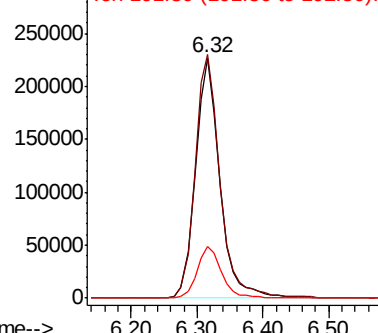


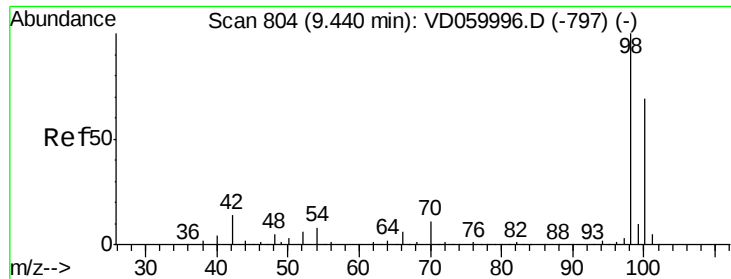
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. 0.02 min
 Lab File: VD060053.D
 Acq: 20 Sep 2018 17:40

Tgt Ion:113 Resp: 587140
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.3 121.9
 192 21.5 18.1 27.1



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

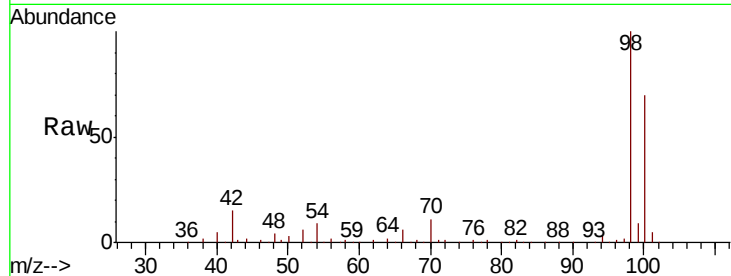




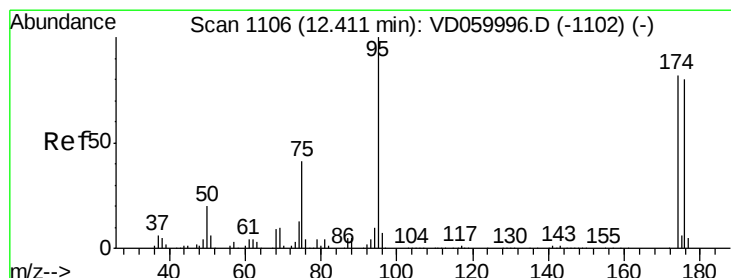
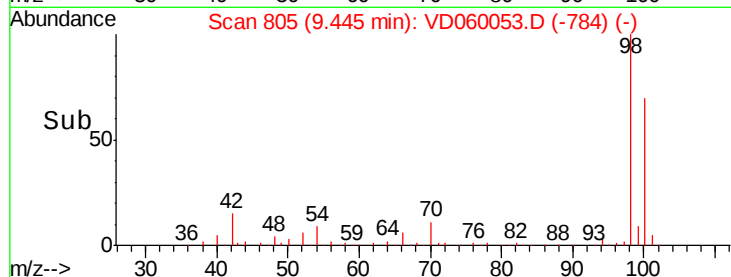
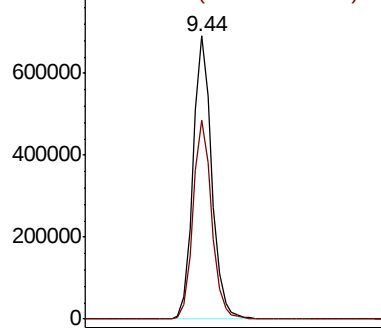
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 805
Delta R.T. 0.01 min
Lab File: VD060053.D
Acq: 20 Sep 2018 17:40

Instrument :
MSVOA_D
ClientSampleId :
RA-091918-N-NW-055

Tot Ion: 98 Resp: 1475871
Ion Ratio Lower Upper
98 100
100 70.2 55.8 83.6

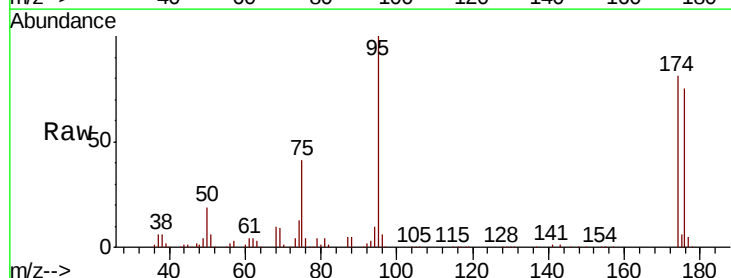


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

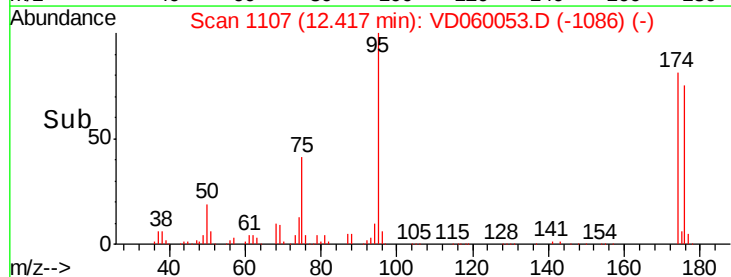
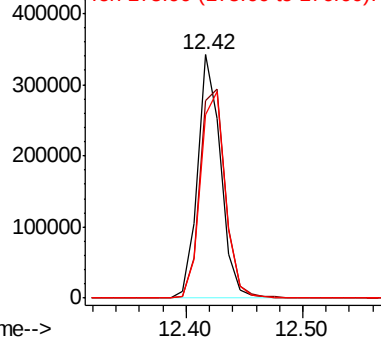


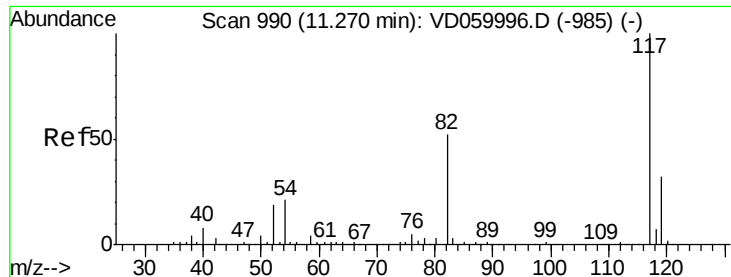
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD060053.D
Acq: 20 Sep 2018 17:40

Tgt Ion: 95 Resp: 466326
Ion Ratio Lower Upper
95 100
174 80.9 0.0 165.0
176 75.4 0.0 160.2



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

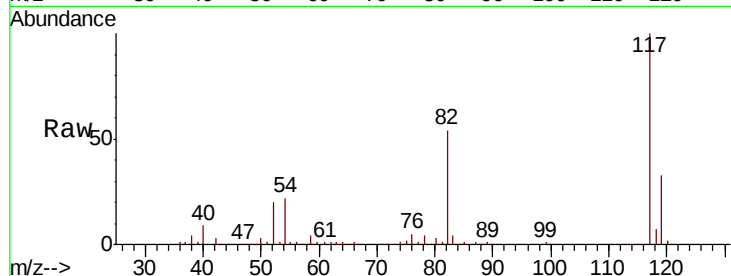




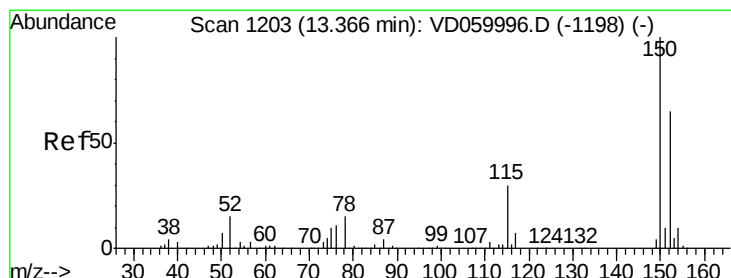
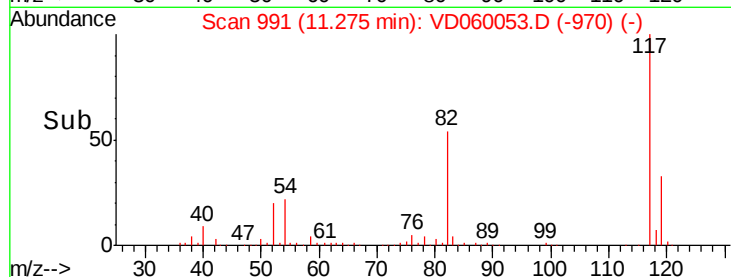
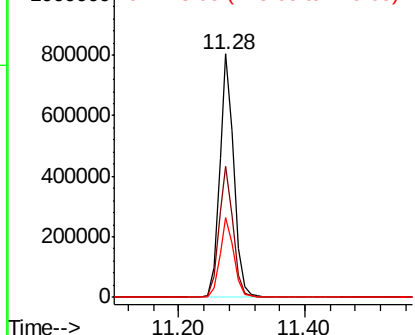
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060053.D
Acq: 20 Sep 2018 17:40

Instrument :
MSVOA_D
ClientSampleId :
RA-091918-N-NW-055

Tot Ion:117 Resp: 1268431
Ion Ratio Lower Upper
117 100
82 53.6 41.7 62.5
119 33.0 26.0 39.0

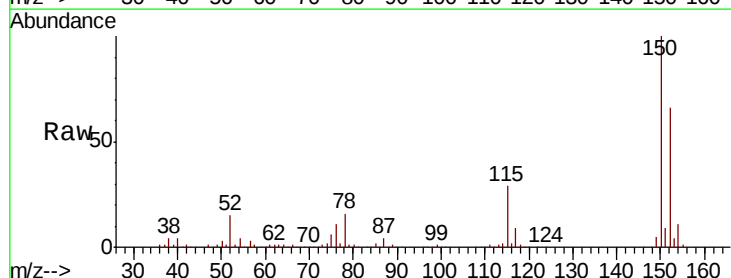


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060053.D
Acq: 20 Sep 2018 17:40

Tgt Ion:152 Resp: 489289
Ion Ratio Lower Upper
152 100
115 44.8 24.6 73.8
150 152.0 0.0 313.4



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

