

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030519\
 Data File : VD060946.D
 Acq On : 5 Mar 2019 14:02
 Operator : VA/AP
 Sample : K1714-02RE
 Misc : 5.97g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-A-2-5RE

Quant Time: Mar 06 04:32:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 01:28:28 2019
 Response via : Initial Calibration

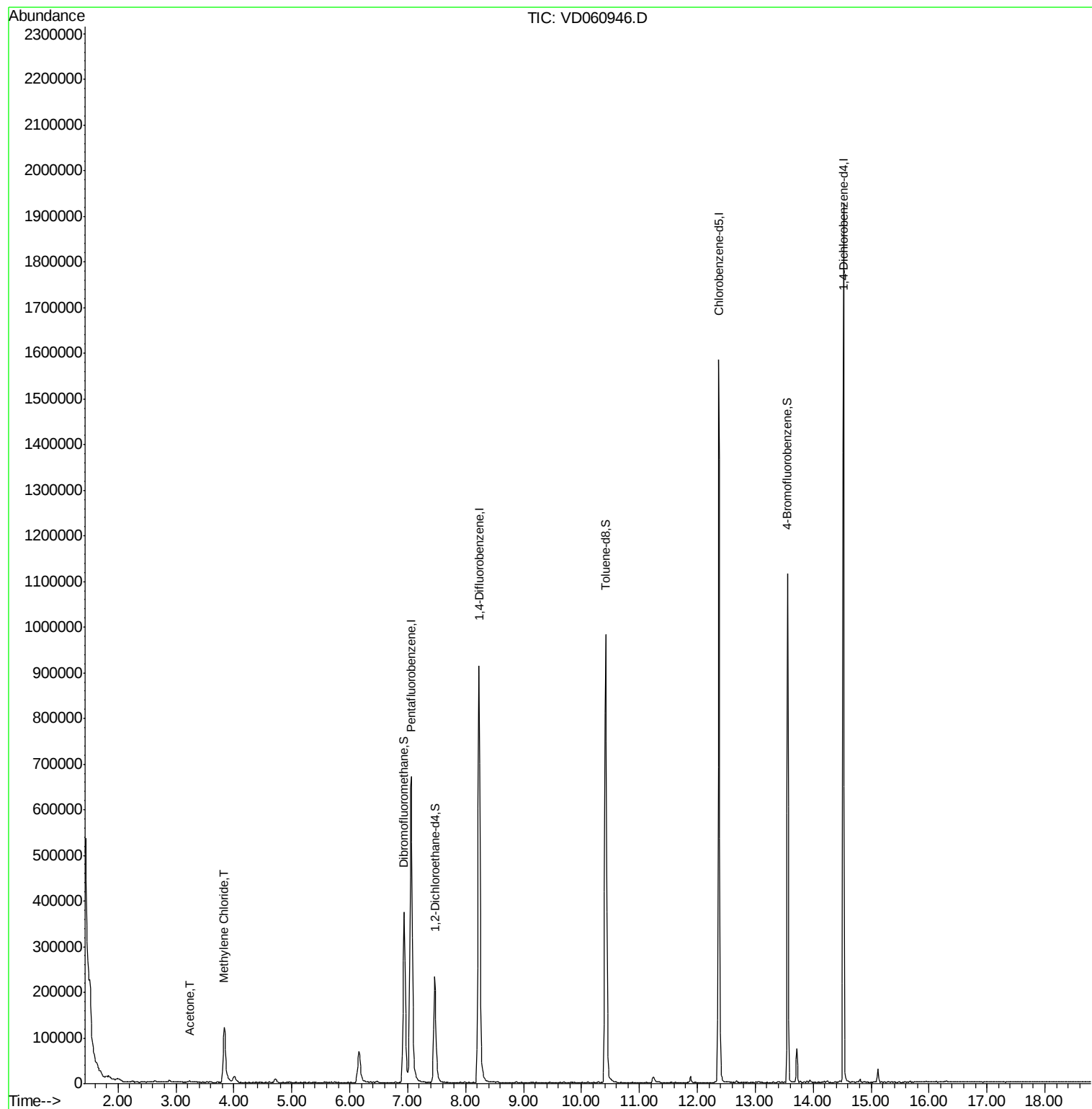
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	725311	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1211322	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	1008342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	441916	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	216482	36.10	ug/l	0.02
Spiked Amount 50.000			Recovery	=	72.20%	
35) Dibromofluoromethane	6.93	113	366963	37.79	ug/l	0.02
Spiked Amount 50.000			Recovery	=	75.58%	
50) Toluene-d8	10.42	98	858786	35.54	ug/l	0.02
Spiked Amount 50.000			Recovery	=	71.08%	
62) 4-Bromofluorobenzene	13.56	95	341742	37.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.84%	
Target Compounds						
16) Acetone	3.23	43	7177	3.585	ug/l	95
20) Methylene Chloride	3.83	84	92974	6.636	ug/l	97

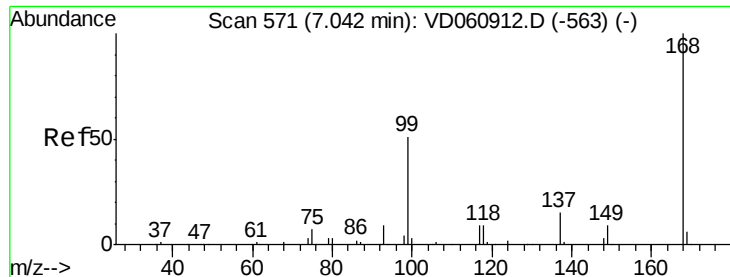
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD060946.D

Acq: 5 Mar 2019 14:02

Instrument :

MSVOA_D

ClientSampleId :

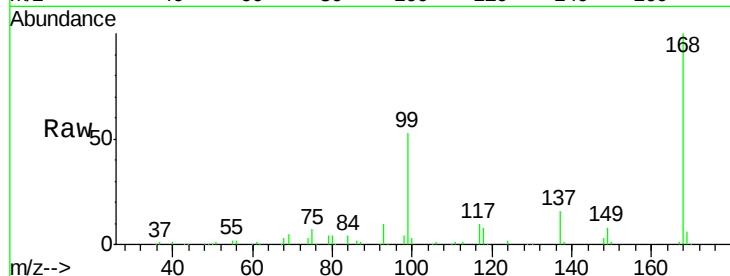
SB-A-2-5RE

Tot Ion:168 Resp: 725311

Ion Ratio Lower Upper

168 100

99 53.1 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

150000

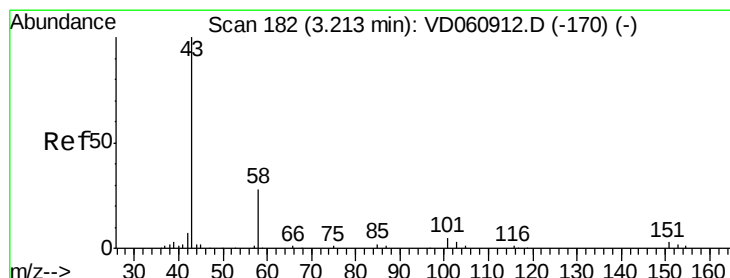
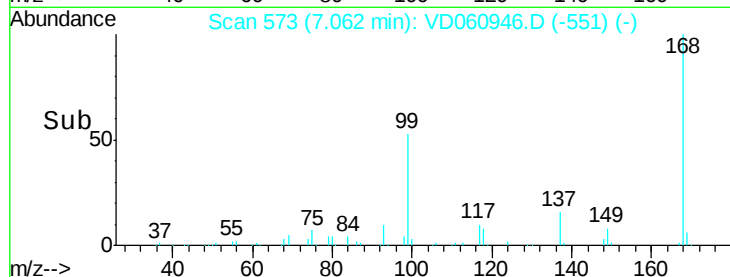
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 3.585 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.02 min

Lab File: VD060946.D

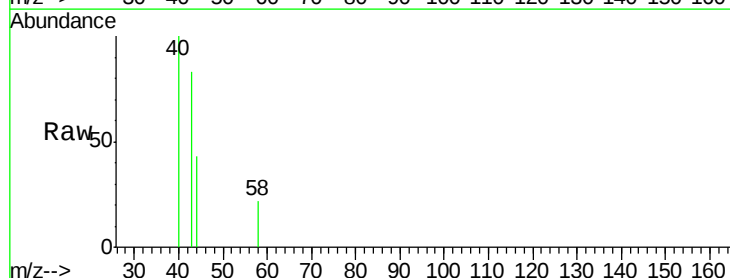
Acq: 5 Mar 2019 14:02

Tgt Ion: 43 Resp: 7177

Ion Ratio Lower Upper

43 100

58 25.9 22.8 34.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

2500

2000

1500

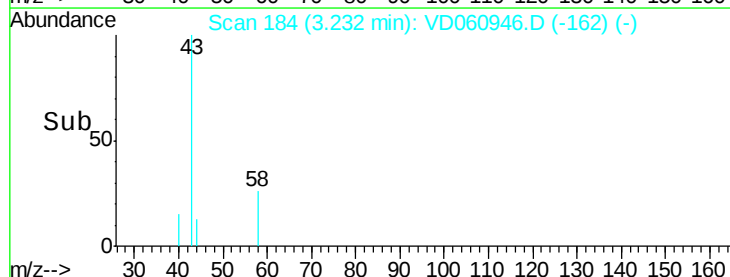
1000

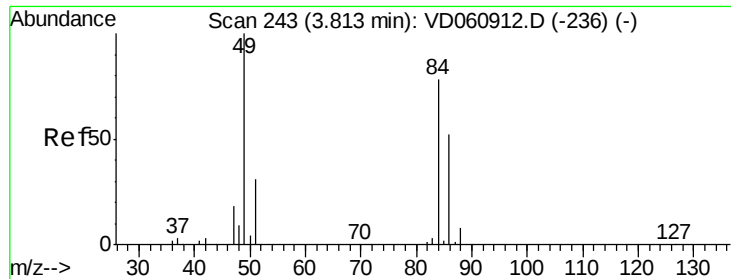
500

0

Time-->

3.15 3.20 3.25 3.30 3.35

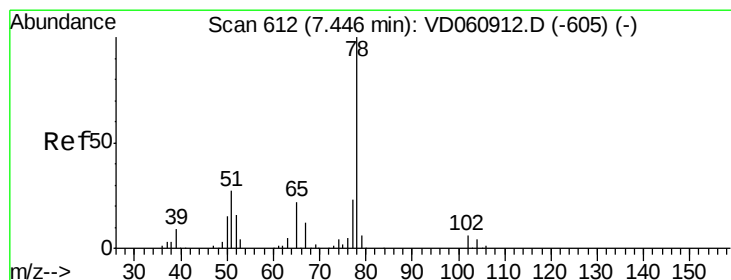
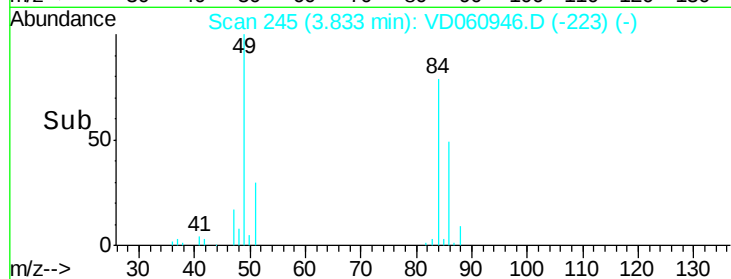
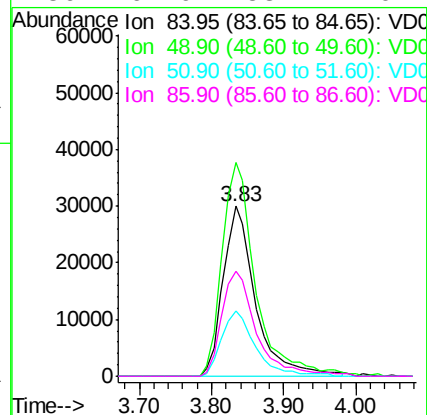
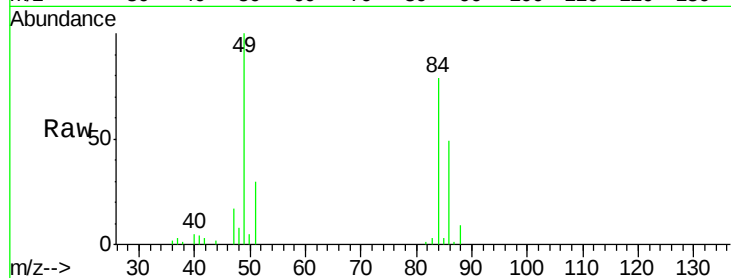




#20
Methylene Chloride
Concen: 6.636 ug/l
RT: 3.83 min Scan# 245
Delta R.T. 0.02 min
Lab File: VD060946.D
Acq: 5 Mar 2019 14:02

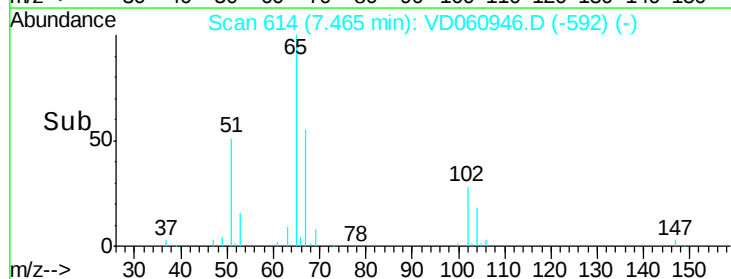
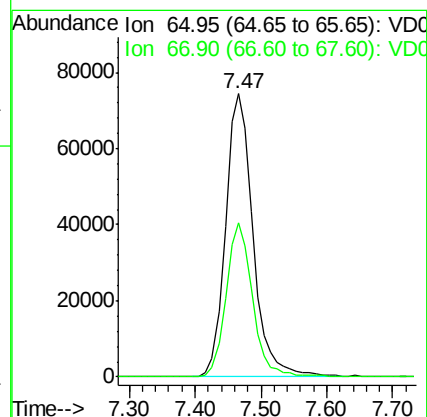
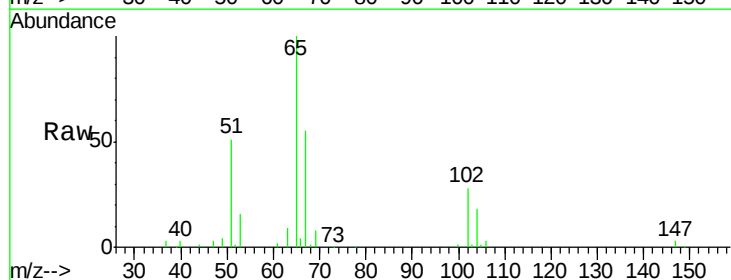
Instrument :
MSVOA_D
ClientSampleId :
SB-A-2-5RE

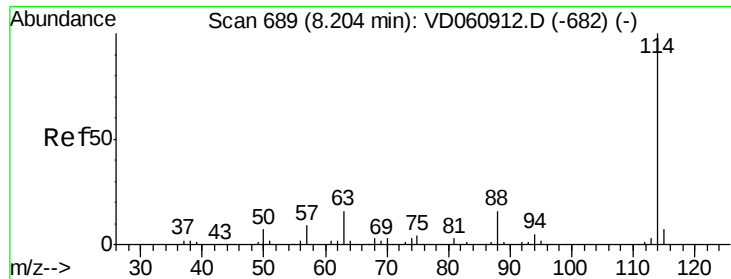
Tot Ion:	84	Resp:	92974
Ion	Ratio	Lower	Upper
84	100		
49	125.8	102.4	153.6
51	38.2	31.9	47.9
86	61.9	53.1	79.7



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.02 min
Lab File: VD060946.D
Acq: 5 Mar 2019 14:02

Tgt Ion:	65	Resp:	216482
Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	109.4

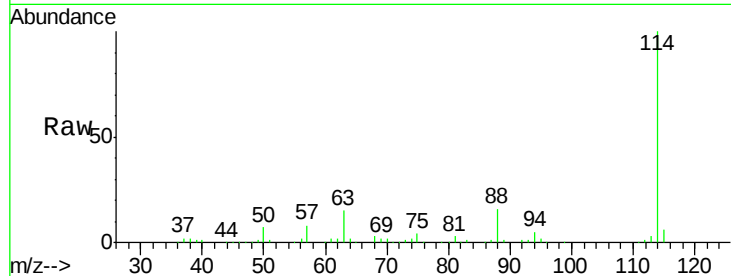




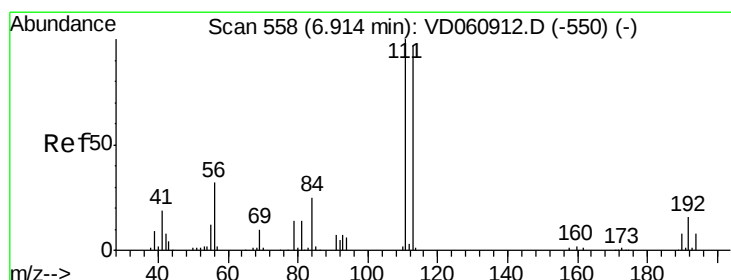
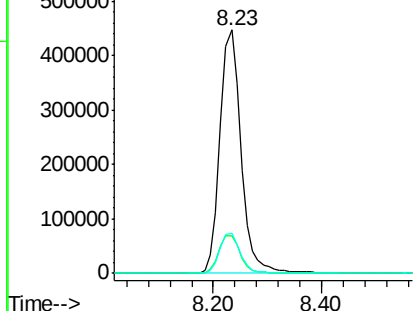
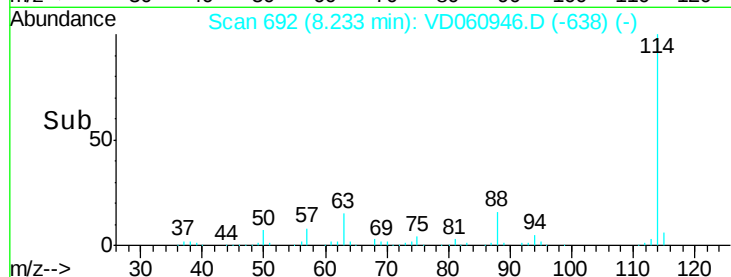
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.03 min
 Lab File: VD060946.D
 Acq: 5 Mar 2019 14:02

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-A-2-5RE

Tot Ion:114 Resp: 1211322
 Ion Ratio Lower Upper
 114 100
 63 15.4 0.0 32.0
 88 16.3 0.0 32.8

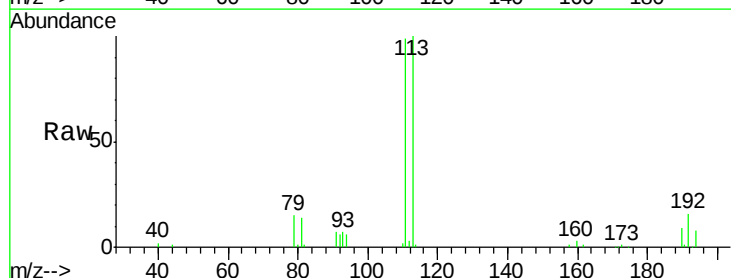


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

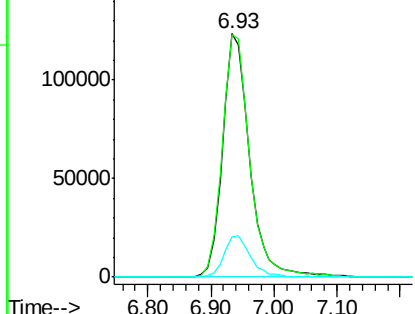
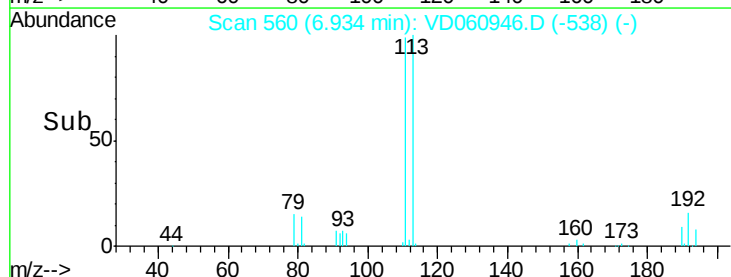


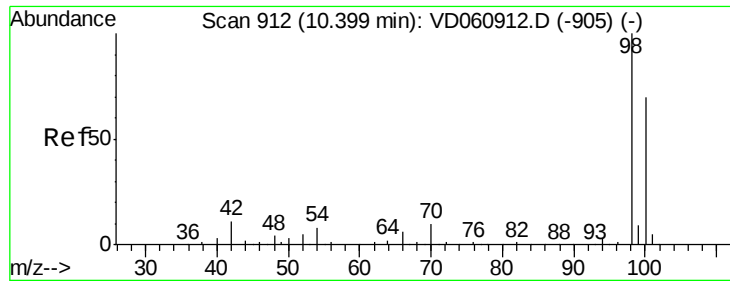
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.02 min
 Lab File: VD060946.D
 Acq: 5 Mar 2019 14:02

Tgt Ion:113 Resp: 366963
 Ion Ratio Lower Upper
 113 100
 111 99.3 82.6 124.0
 192 16.4 13.4 20.2



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

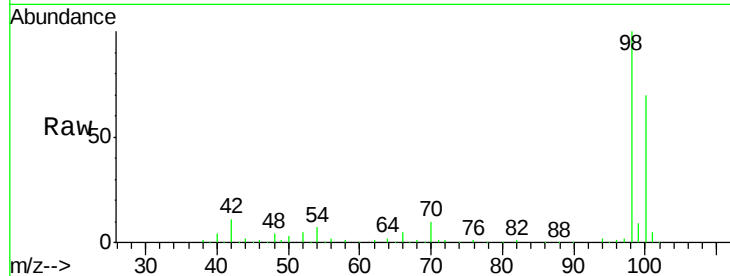




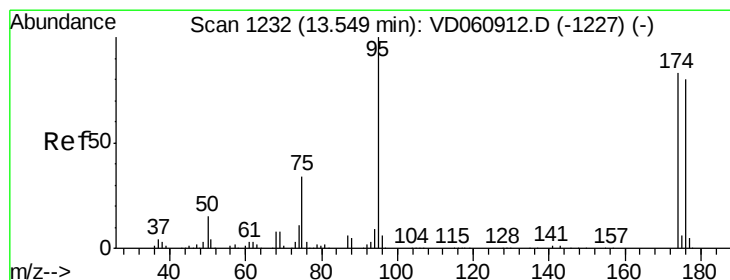
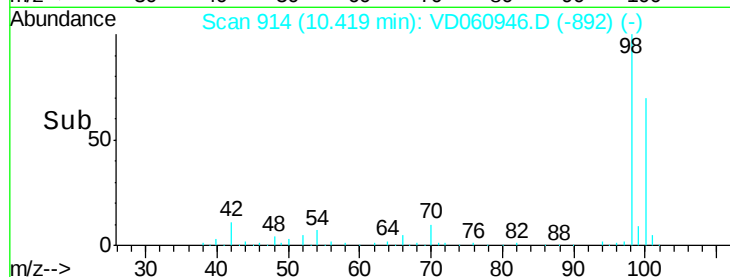
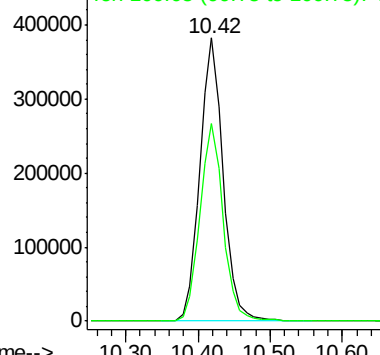
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD060946.D
Acq: 5 Mar 2019 14:02

Instrument :
MSVOA_D
ClientSampleId :
SB-A-2-5RE

Tot Ion: 98 Resp: 858786
Ion Ratio Lower Upper
98 100
100 69.7 57.0 85.4

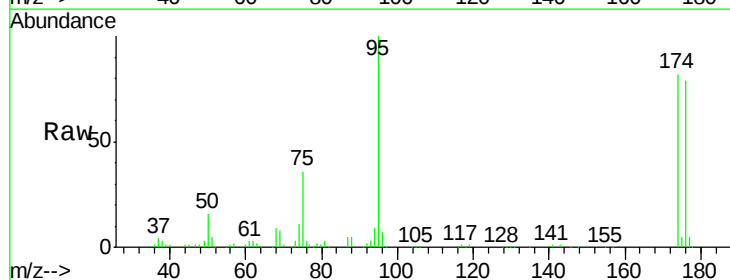


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

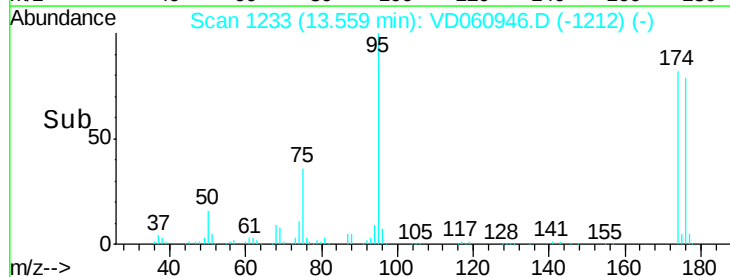
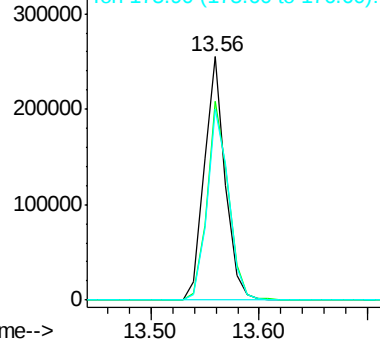


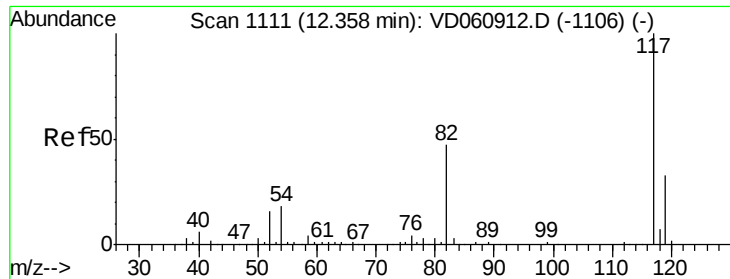
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD060946.D
Acq: 5 Mar 2019 14:02

Tgt Ion: 95 Resp: 341742
Ion Ratio Lower Upper
95 100
174 81.6 0.0 165.6
176 78.7 0.0 160.6



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

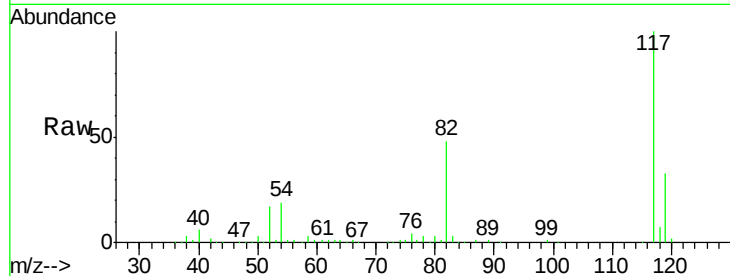




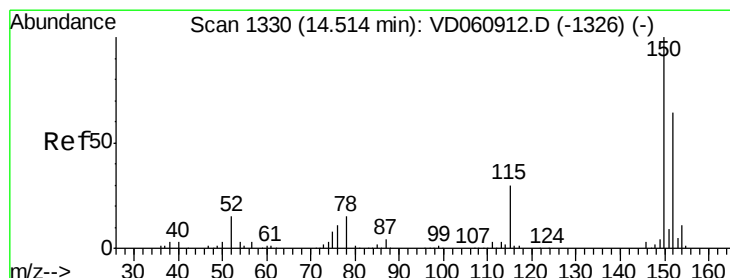
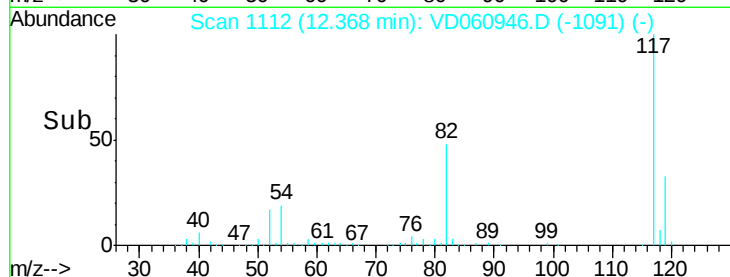
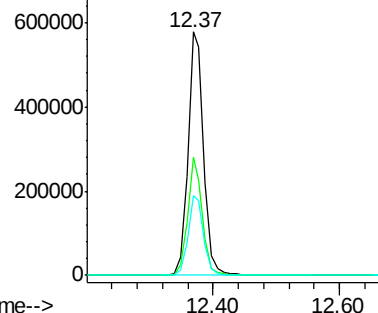
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD060946.D
Acq: 5 Mar 2019 14:02

Instrument :
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SB-A-2-5RE

Tot Ion:117 Resp: 1008342
Ion Ratio Lower Upper
117 100
82 48.4 37.5 56.3
119 32.7 26.2 39.2

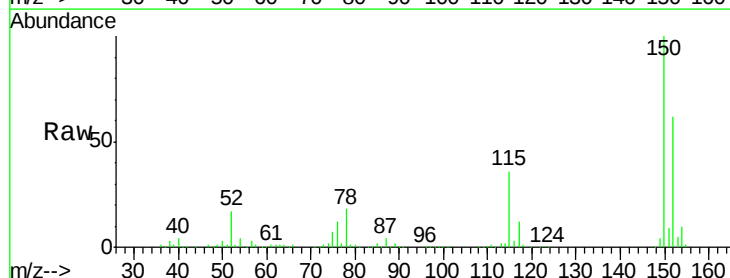


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD060946.D
Acq: 5 Mar 2019 14:02

Tgt Ion:152 Resp: 441916
Ion Ratio Lower Upper
152 100
115 57.2 27.6 82.8
150 160.4 0.0 312.8



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

