

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030419\
 Data File : VD060928.D
 Acq On : 4 Mar 2019 17:22
 Operator : VA/AP
 Sample : K1714-01
 Misc : 6.18g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-A-0-2

Quant Time: Mar 05 02:32:41 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

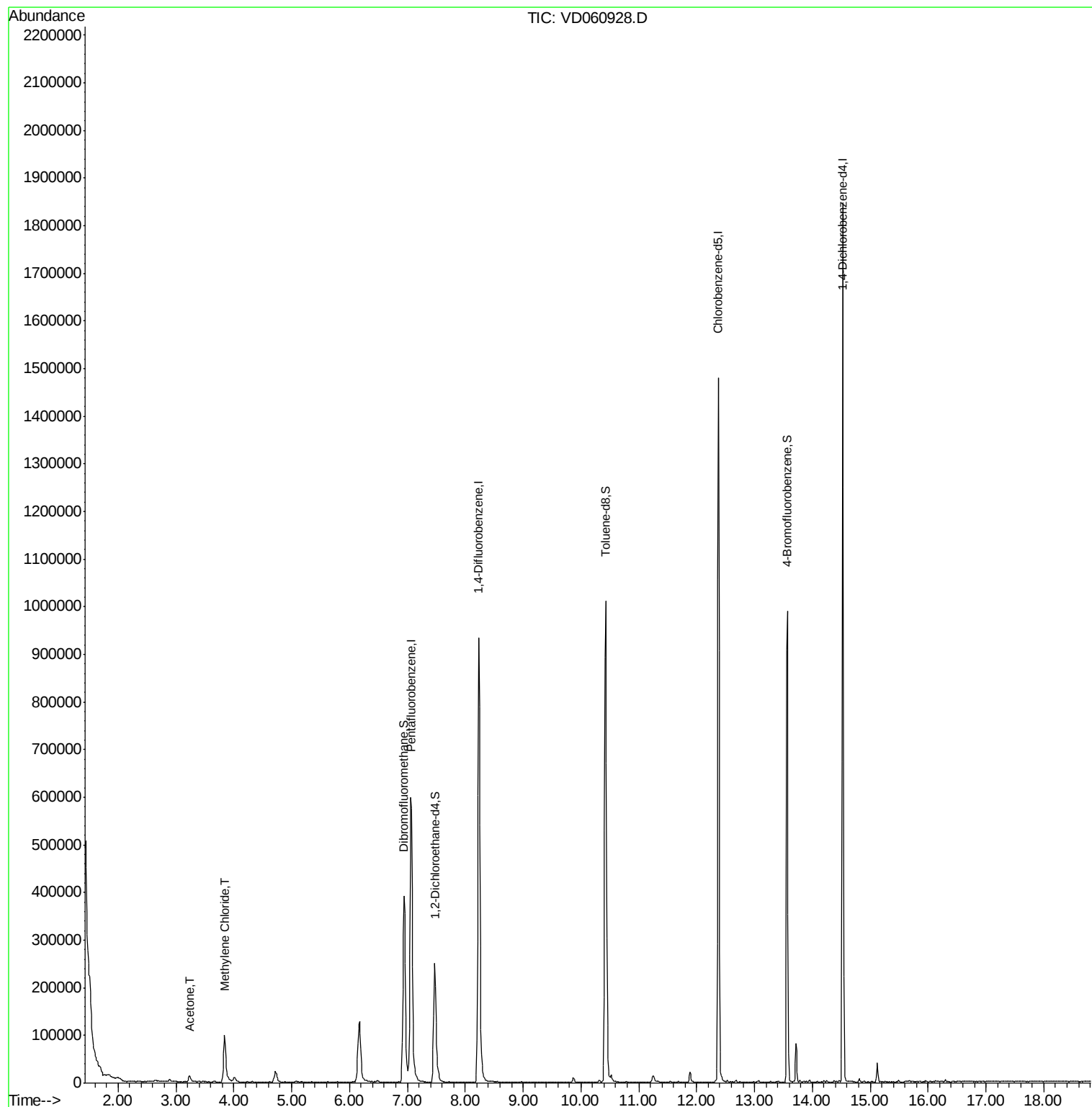
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	637285	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.23	114	1110515	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	928729	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	425314	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	222349	42.21	ug/l	0.03
Spiked Amount 50.000			Recovery	=	84.42%	
35) Dibromofluoromethane	6.94	113	382439	42.96	ug/l	0.03
Spiked Amount 50.000			Recovery	=	85.92%	
50) Toluene-d8	10.43	98	883403	39.88	ug/l	0.03
Spiked Amount 50.000			Recovery	=	79.76%	
62) 4-Bromofluorobenzene	13.56	95	341744	40.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.64%	
Target Compounds						
16) Acetone	3.23	43	25862	14.702	ug/l	91
20) Methylene Chloride	3.84	84	75936	5.892	ug/l	97

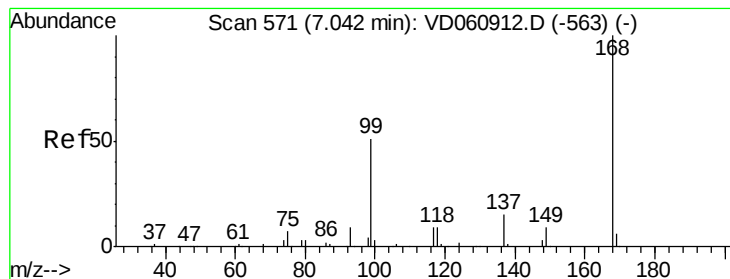
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD060928.D

Acq: 4 Mar 2019 17:22

Instrument :

MSVOA_D

ClientSampleId :

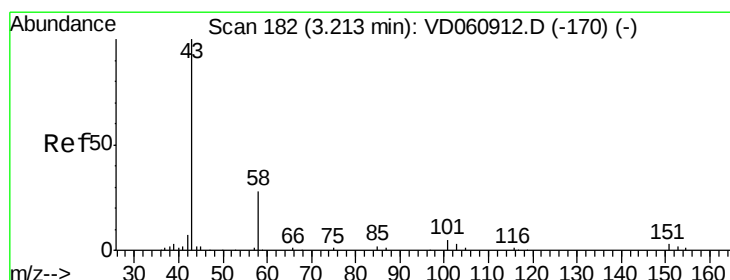
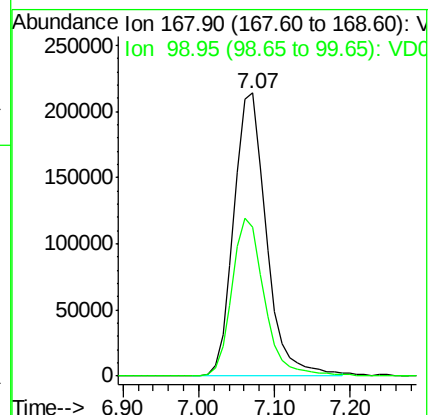
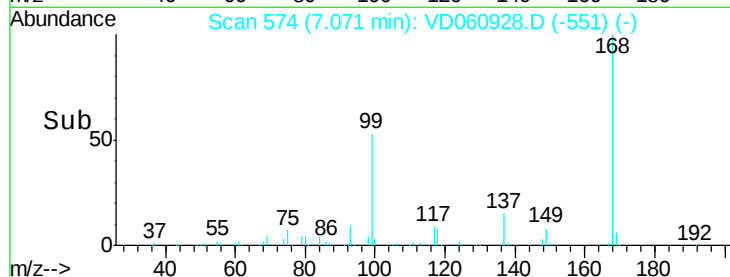
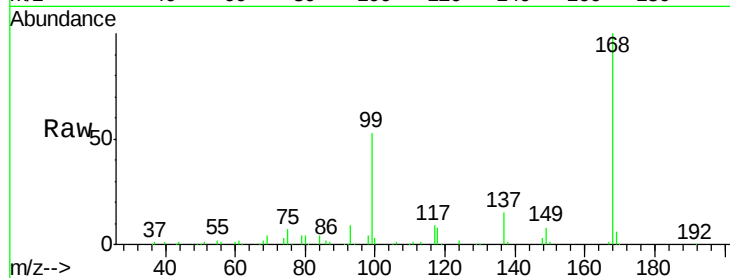
SB-A-0-2

Tot Ion:168 Resp: 637285

Ion Ratio Lower Upper

168 100

99 52.7 41.5 62.3



#16

Acetone

Concen: 14.702 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.02 min

Lab File: VD060928.D

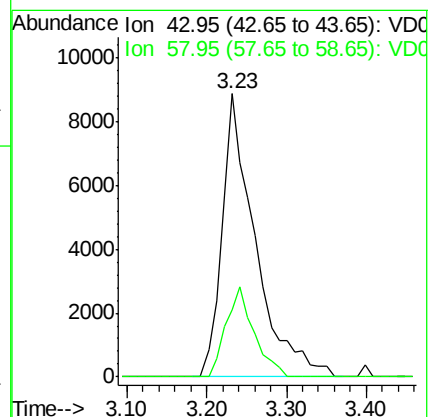
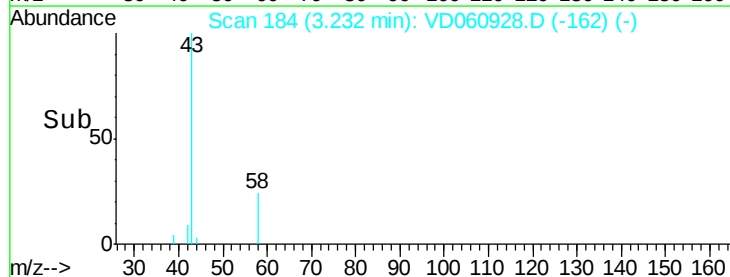
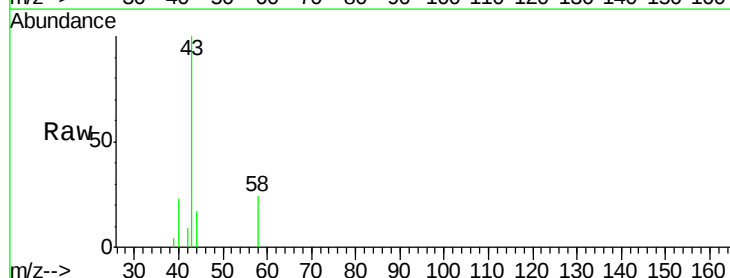
Acq: 4 Mar 2019 17:22

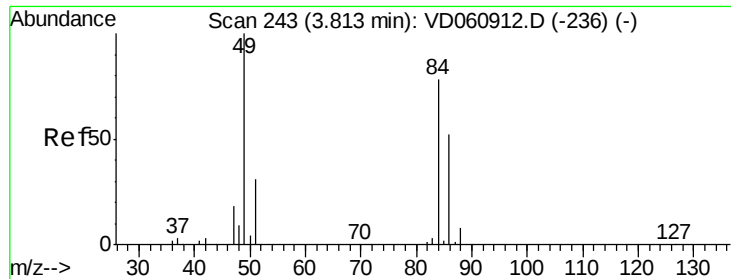
Tgt Ion: 43 Resp: 25862

Ion Ratio Lower Upper

43 100

58 23.6 22.8 34.2

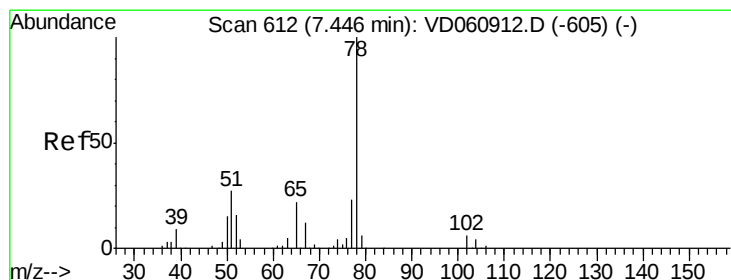
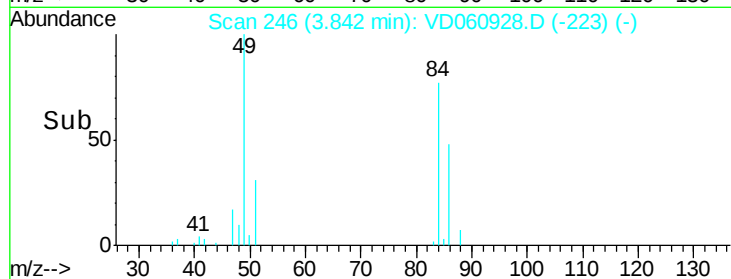
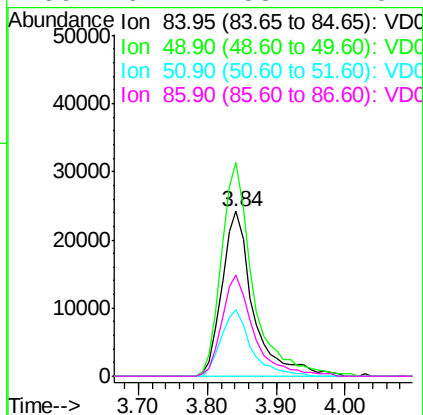
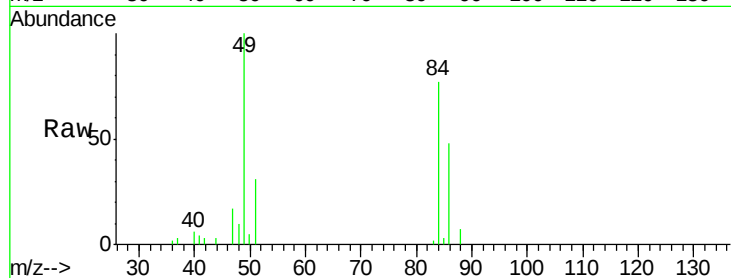




#20
Methvlene Chloride
Concen: 5.892 ug/l
RT: 3.84 min Scan# 246
Delta R.T. 0.03 min
Lab File: VD060928.D
Acq: 4 Mar 2019 17:22

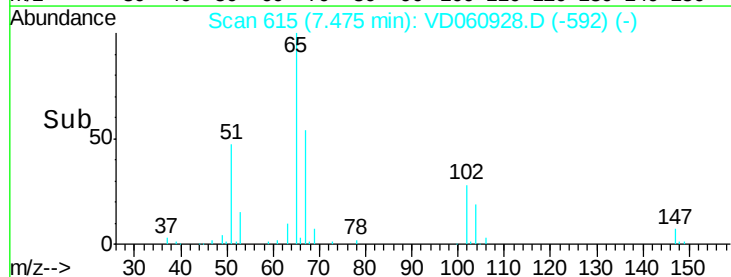
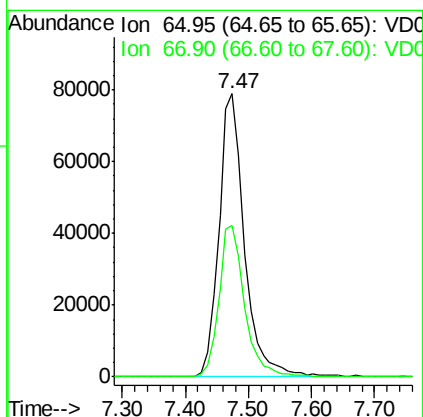
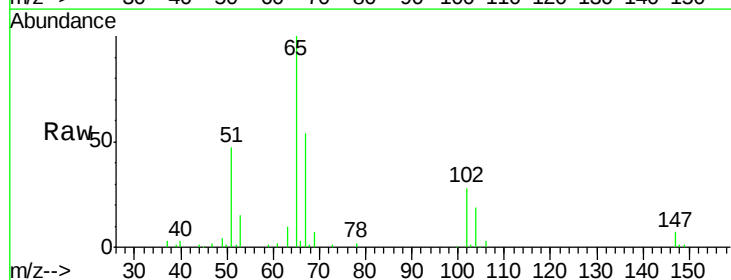
Instrument :
MSVOA_D
ClientSampleId :
SB-A-0-2

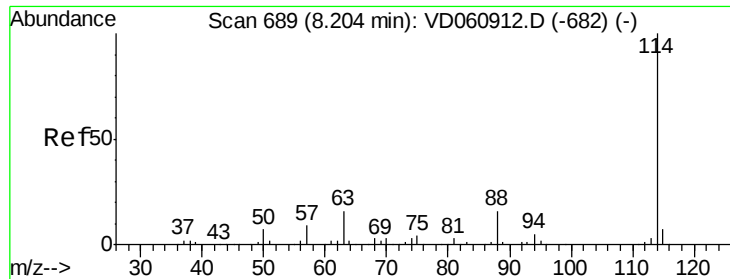
Tot Ion:	84	Resp:	75936
Ion	Ratio	Lower	Upper
84	100		
49	129.7	102.4	153.6
51	40.6	31.9	47.9
86	61.7	53.1	79.7



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.47 min Scan# 615
Delta R.T. 0.03 min
Lab File: VD060928.D
Acq: 4 Mar 2019 17:22

Tgt Ion:	65	Resp:	222349
Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	109.4

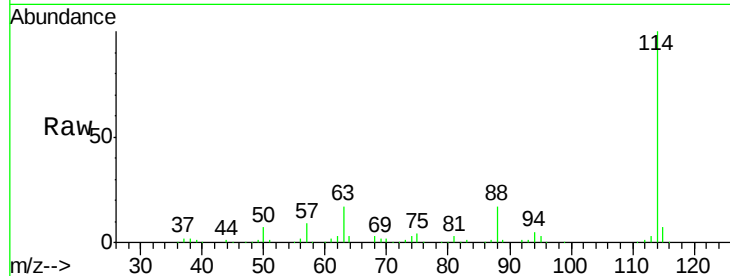




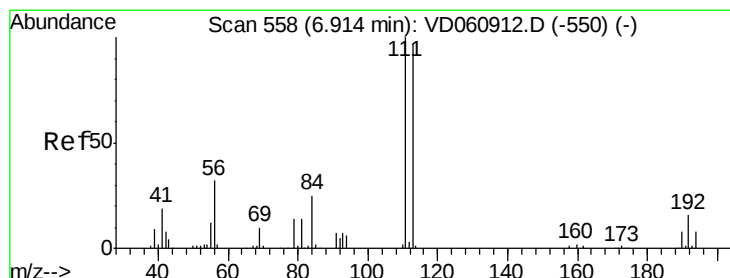
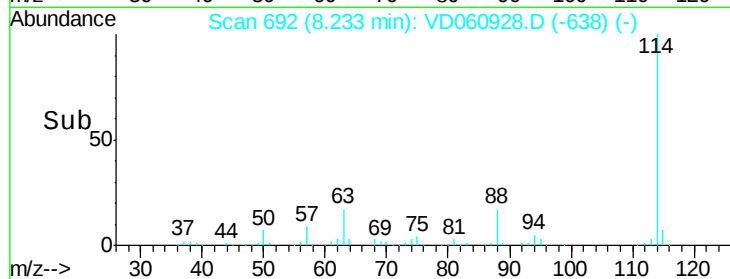
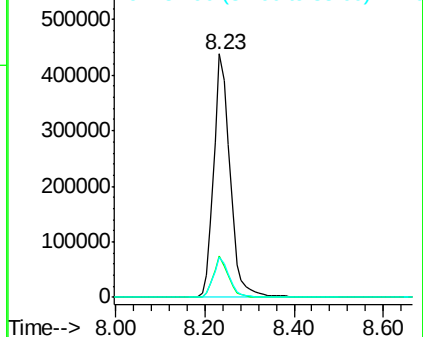
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.03 min
 Lab File: VD060928.D
 Acq: 4 Mar 2019 17:22

Instrument :
 MSVOA_D
 ClientSampled :
 SB-A-0-2

Tot Ion:114 Resp: 1110515
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 32.0
 88 16.6 0.0 32.8

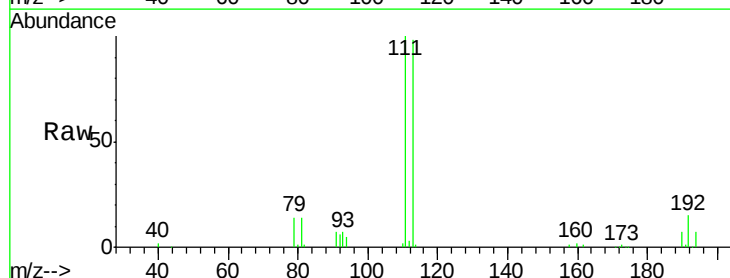


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

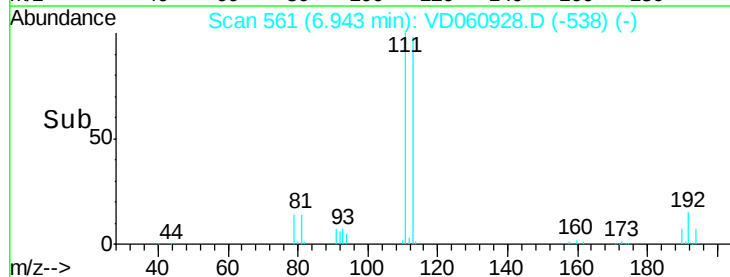
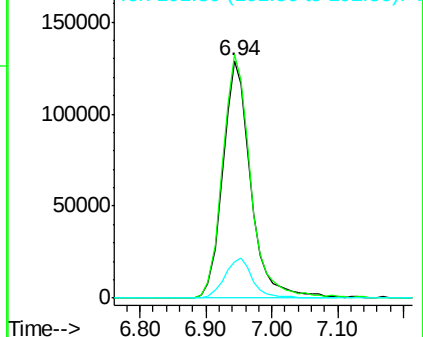


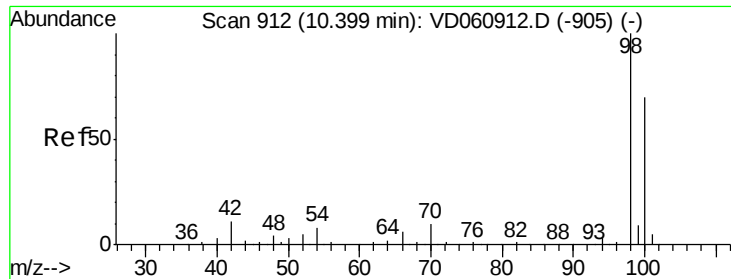
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.03 min
 Lab File: VD060928.D
 Acq: 4 Mar 2019 17:22

Tgt Ion:113 Resp: 382439
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.6 124.0
 192 15.1 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

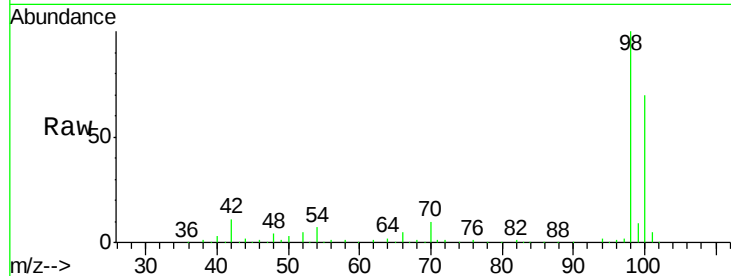




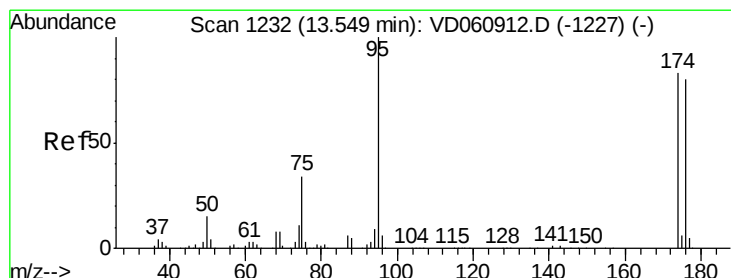
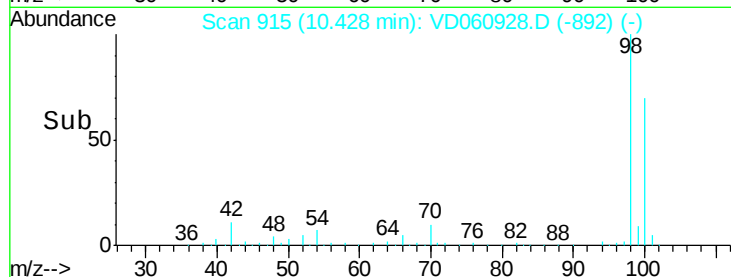
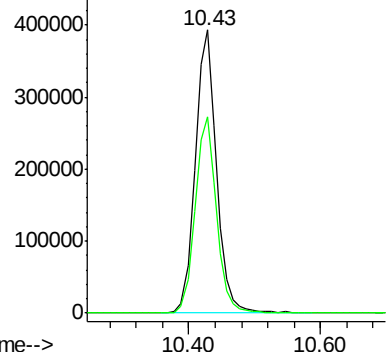
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD060928.D
Acq: 4 Mar 2019 17:22

Instrument :
MSVOA_D
ClientSampleId :
SB-A-0-2

Tot Ion: 98 Resp: 883403
Ion Ratio Lower Upper
98 100
100 69.5 57.0 85.4

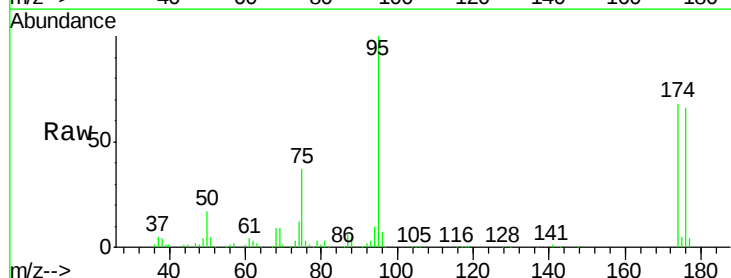


Abundance Ion 98.05 (97.75 to 98.75): VD060912.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD060912.D (-905) (-)

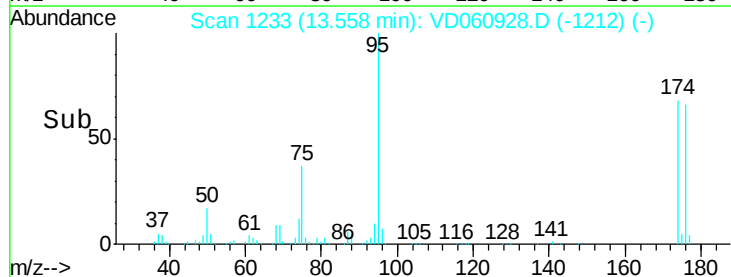
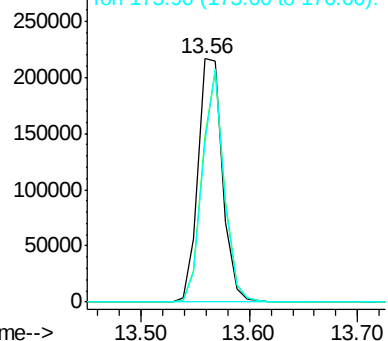


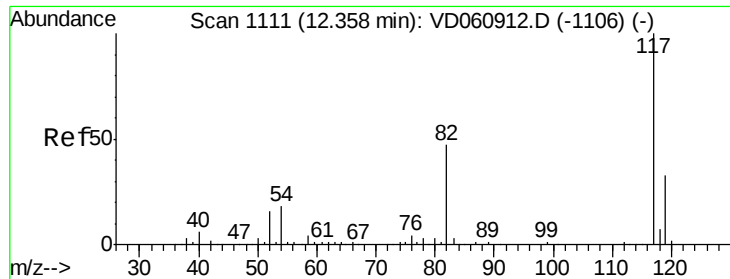
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD060928.D
Acq: 4 Mar 2019 17:22

Tgt Ion: 95 Resp: 341744
Ion Ratio Lower Upper
95 100
174 68.1 0.0 165.6
176 65.8 0.0 160.6



Abundance Ion 95.00 (94.70 to 95.70): VD060912.D (-1227) (-)
Ion 173.90 (173.60 to 174.60): VD060912.D (-1227) (-)
Ion 175.90 (175.60 to 176.60): VD060912.D (-1227) (-)

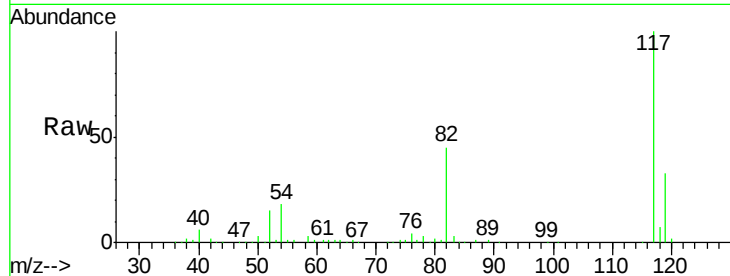




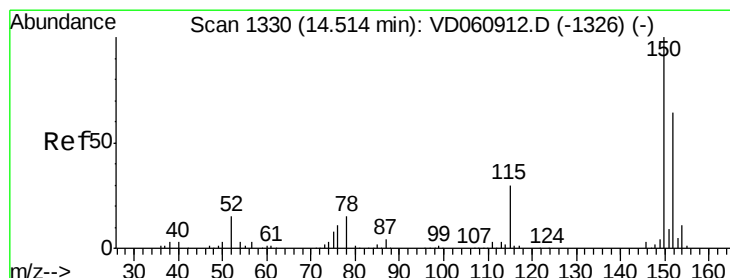
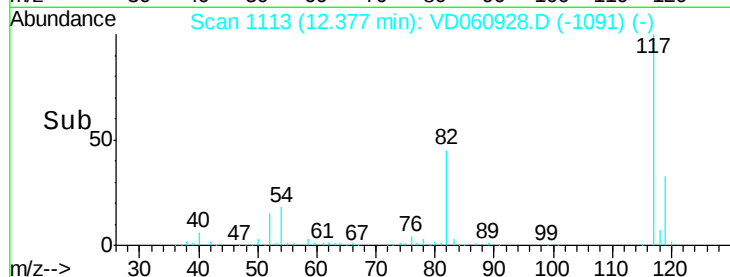
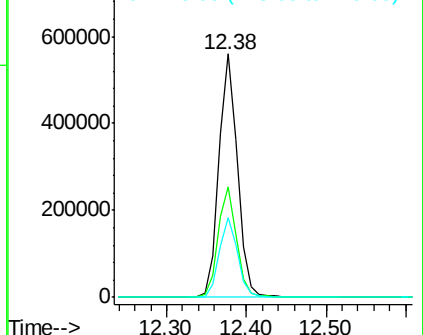
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD060928.D
Acq: 4 Mar 2019 17:22

Instrument :
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ClientSampleId :
SB-A-0-2

Tot Ion:117 Resp: 928729
Ion Ratio Lower Upper
117 100
82 45.3 37.5 56.3
119 32.5 26.2 39.2

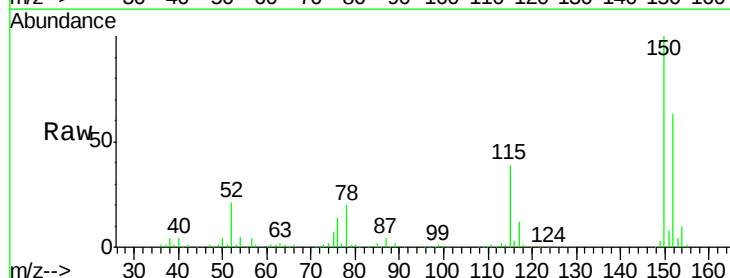


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD060928.D
Acq: 4 Mar 2019 17:22

Tgt Ion:152 Resp: 425314
Ion Ratio Lower Upper
152 100
115 61.9 27.6 82.8
150 159.0 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

