

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031219\
 Data File : VD061024.D
 Acq On : 12 Mar 2019 15:14
 Operator : VA/AP
 Sample : K1823-02RE
 Misc : 2.38g/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCK-PILE-1RE

Quant Time: Mar 13 04:37:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

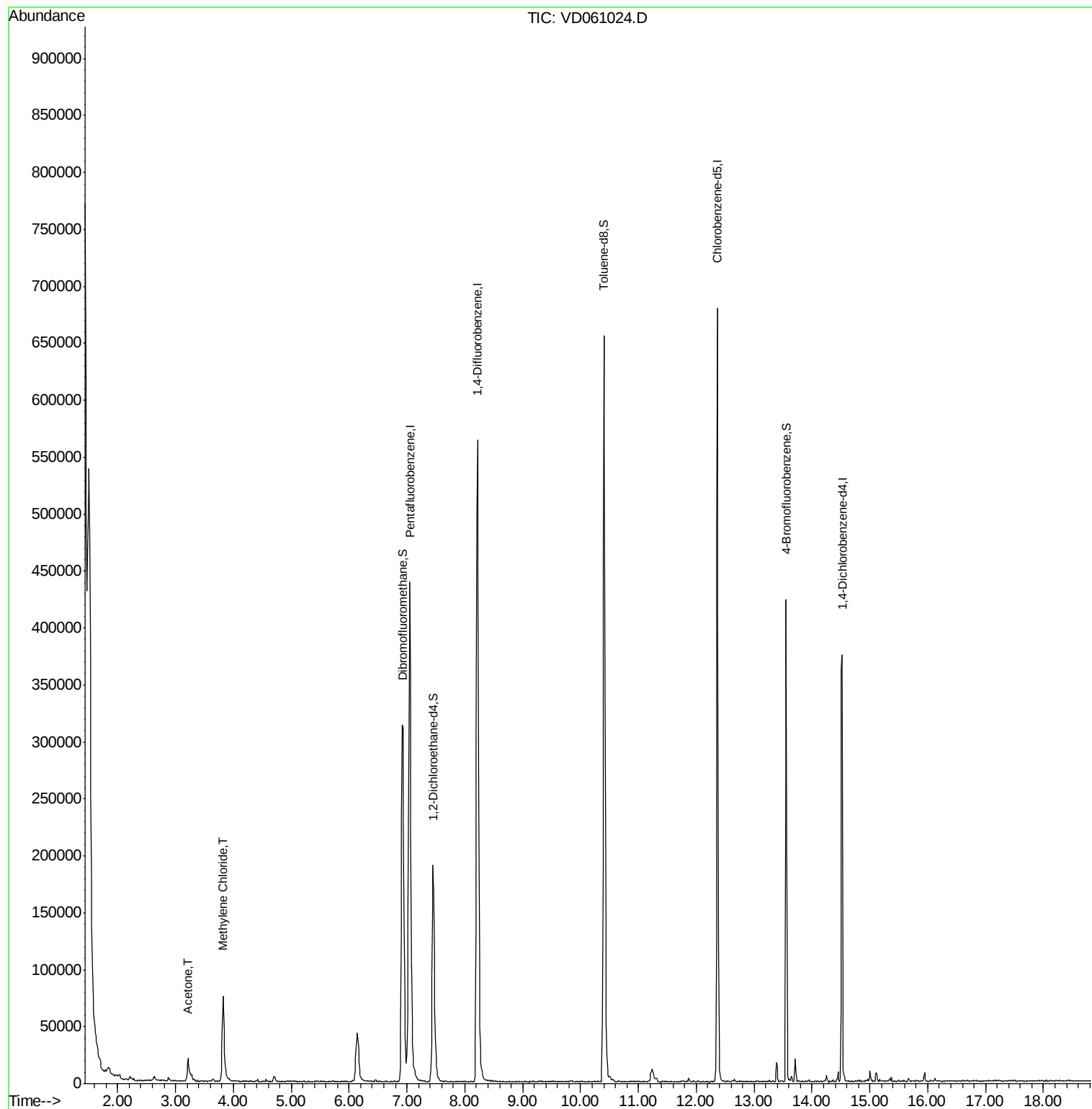
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	452193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	710677	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	423230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	98967	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	180052	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
35) Dibromofluoromethane	6.92	113	314475	59.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.26%	
50) Toluene-d8	10.40	98	575710	43.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.94%	
62) 4-Bromofluorobenzene	13.56	95	133761	26.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.06%	
Target Compounds						
16) Acetone	3.22	43	39537	36.733	ug/l	96
20) Methylene Chloride	3.82	84	54280	7.054	ug/l	93

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD061024.D

Acq: 12 Mar 2019 15:14

Instrument :

MSVOA_D

ClientSampleId :

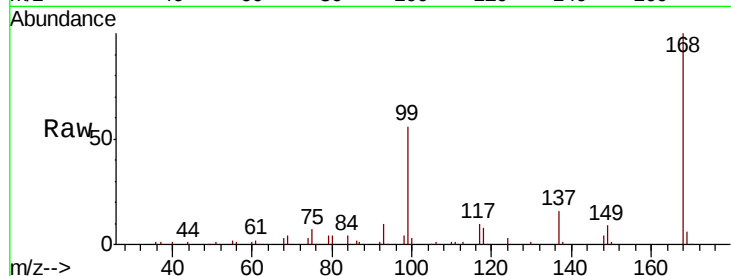
STOCK-PILE-1RE

Tgt Ion:168 Resp: 452193

Ion Ratio Lower Upper

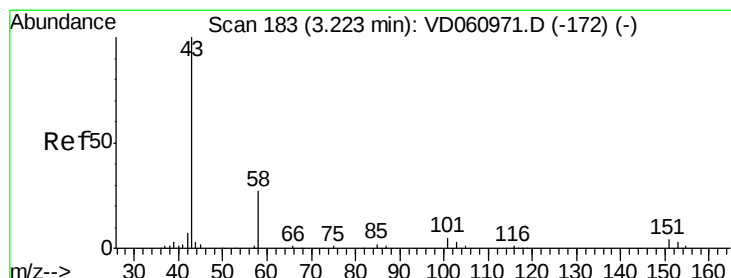
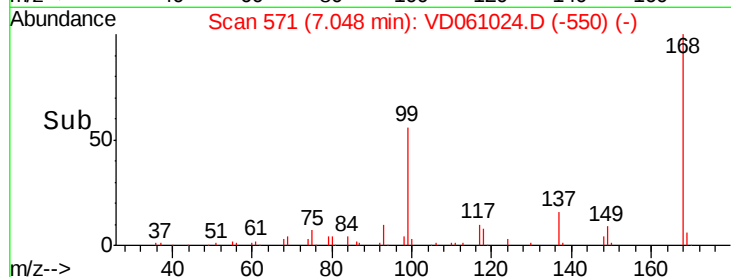
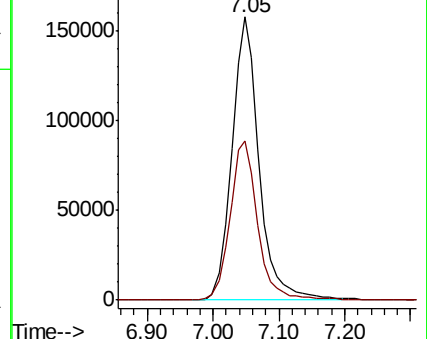
168 100

99 56.4 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 36.733 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD061024.D

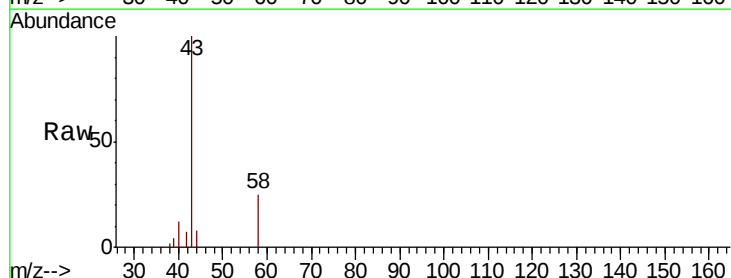
Acq: 12 Mar 2019 15:14

Tgt Ion: 43 Resp: 39537

Ion Ratio Lower Upper

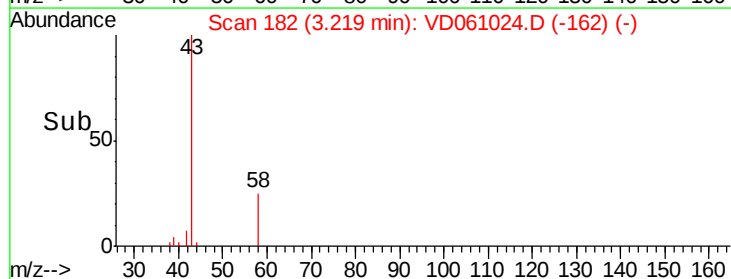
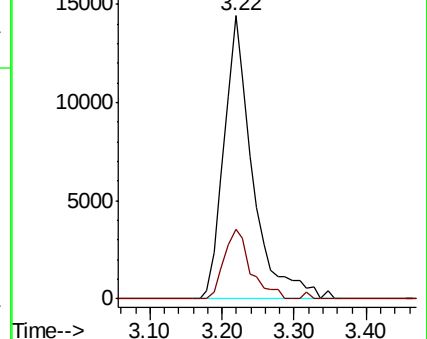
43 100

58 24.7 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

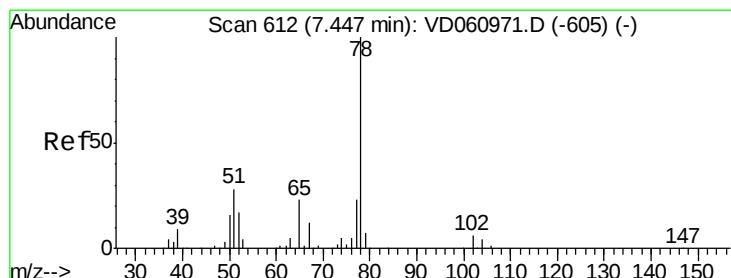
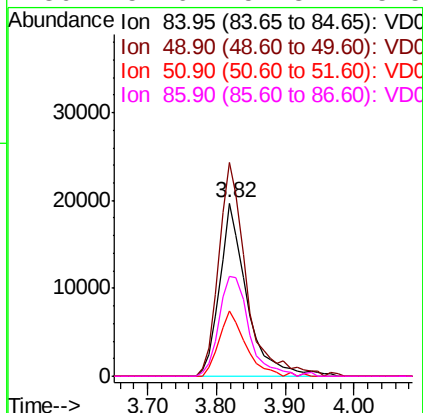
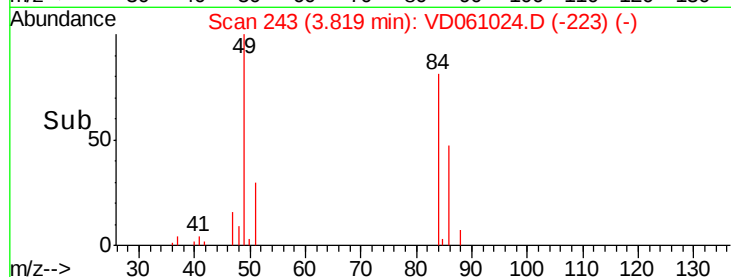
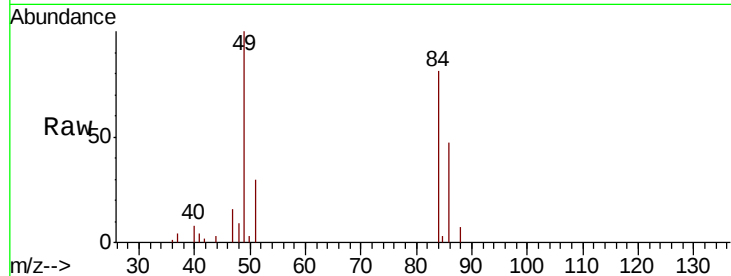




#20
Methylene Chloride
Concen: 7.054 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.00 min
Lab File: VD061024.D
Acq: 12 Mar 2019 15:14

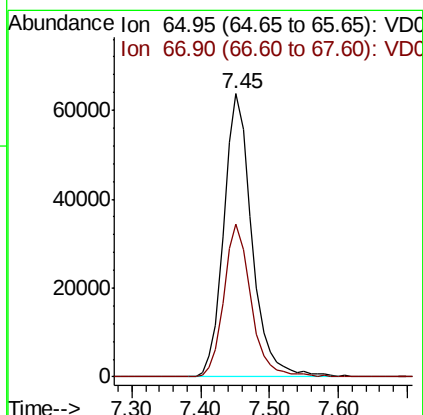
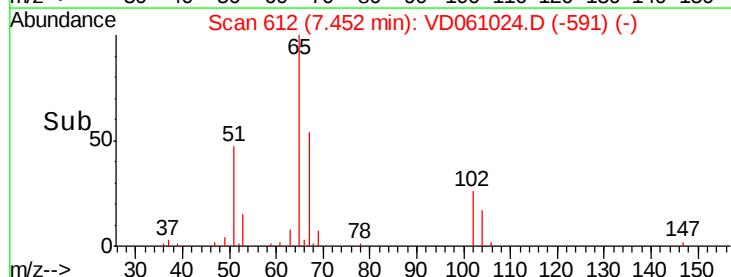
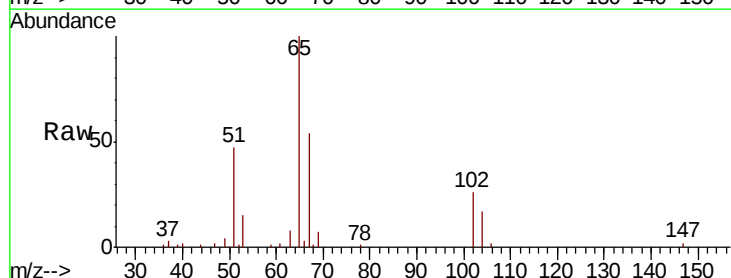
Instrument :
MSVOA_D
ClientSampleId :
STOCK-PILE-1RE

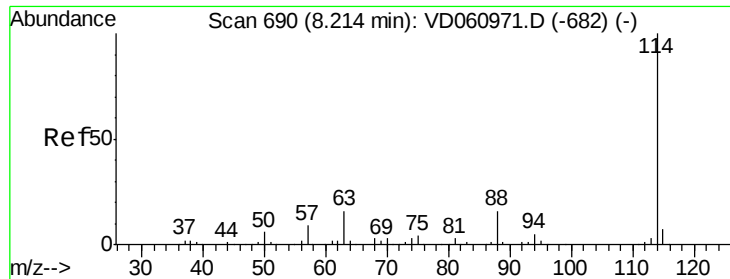
Tgt Ion: 84 Resp: 54280
Ion Ratio Lower Upper
84 100
49 123.1 104.2 156.2
51 37.4 32.3 48.5
86 57.6 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.01 min
Lab File: VD061024.D
Acq: 12 Mar 2019 15:14

Tgt Ion: 65 Resp: 180052
Ion Ratio Lower Upper
65 100
67 54.2 0.0 105.2

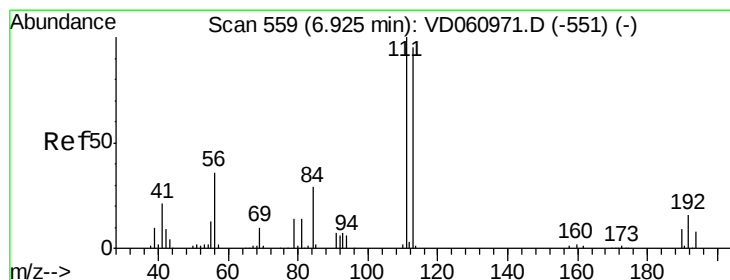
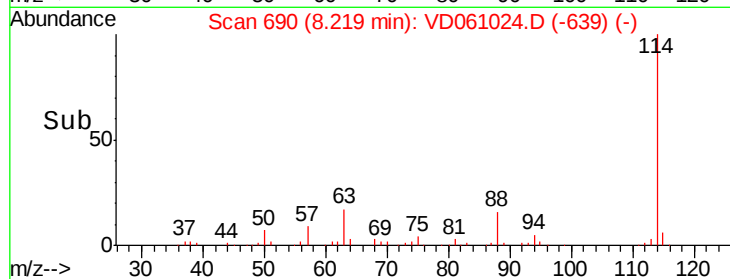
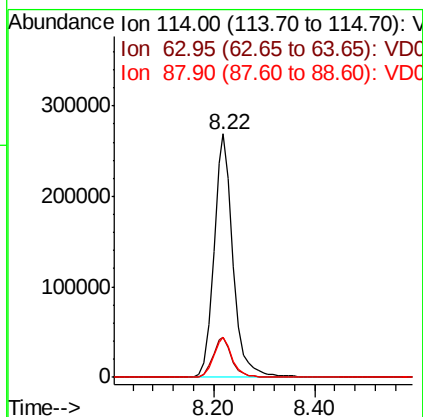
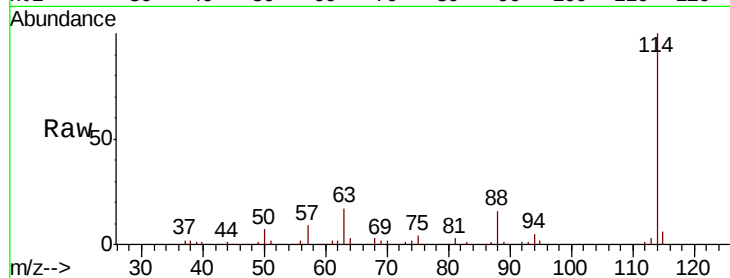




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD061024.D
 Acq: 12 Mar 2019 15:14

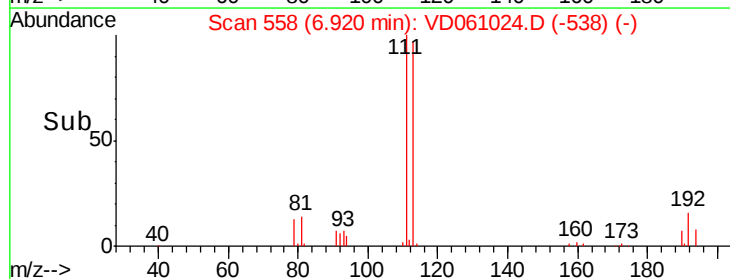
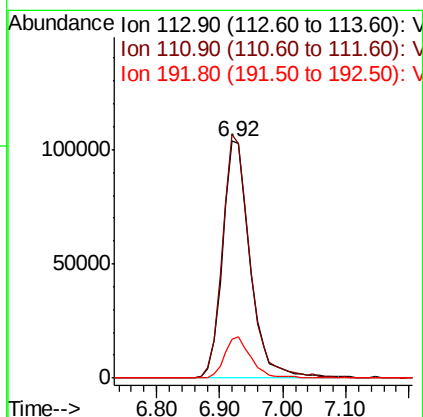
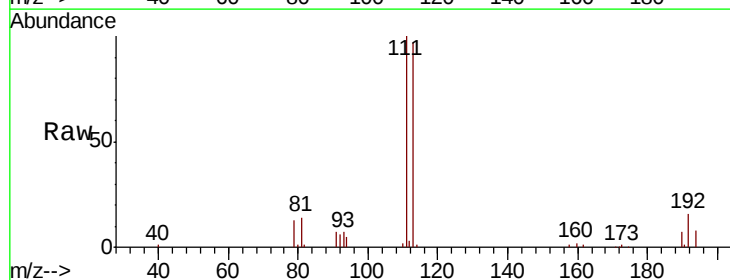
Instrument :
 MSVOA_D
 ClientSampleId :
 STOCK-PILE-1RE

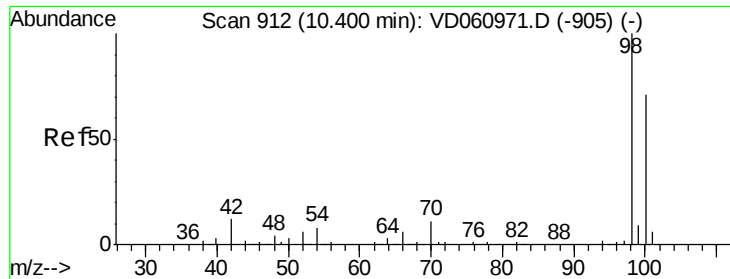
Tgt Ion:114 Resp: 710677
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 31.4
 88 16.4 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: VD061024.D
 Acq: 12 Mar 2019 15:14

Tgt Ion:113 Resp: 314475
 Ion Ratio Lower Upper
 113 100
 111 102.8 84.2 126.4
 192 16.3 13.1 19.7





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.01 min

Lab File: VD061024.D

Acq: 12 Mar 2019 15:14

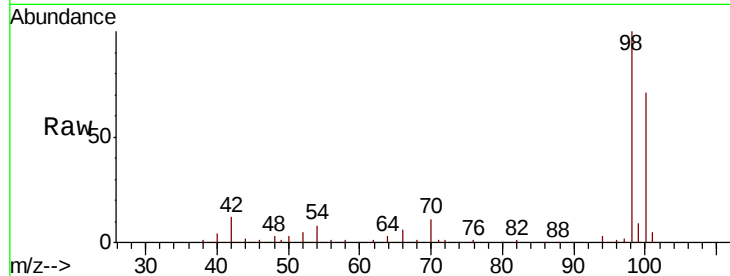
Instrument :
MSVOA_D
ClientSampleId :
STOCK-PILE-1RE

Tgt Ion: 98 Resp: 575710

Ion Ratio Lower Upper

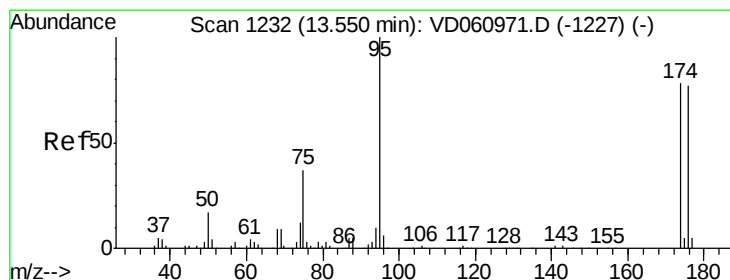
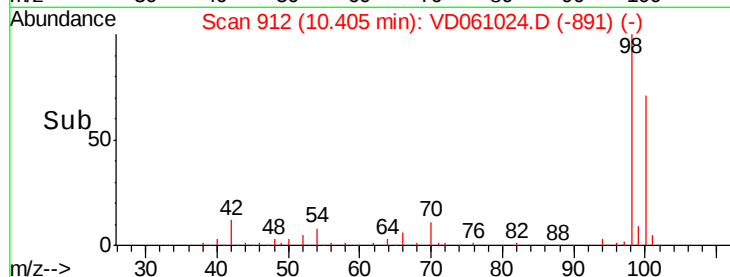
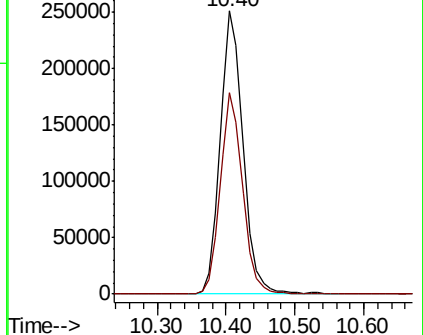
98 100

100 71.4 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD061024.D

Acq: 12 Mar 2019 15:14

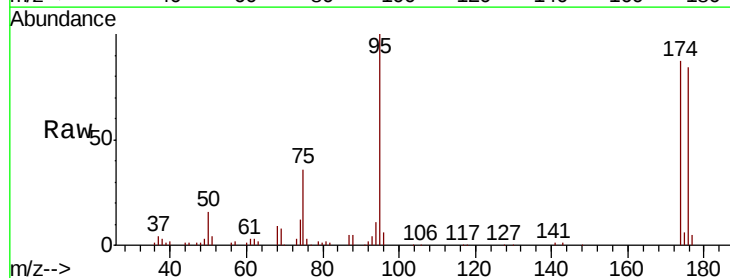
Tgt Ion: 95 Resp: 133761

Ion Ratio Lower Upper

95 100

174 86.8 0.0 155.6

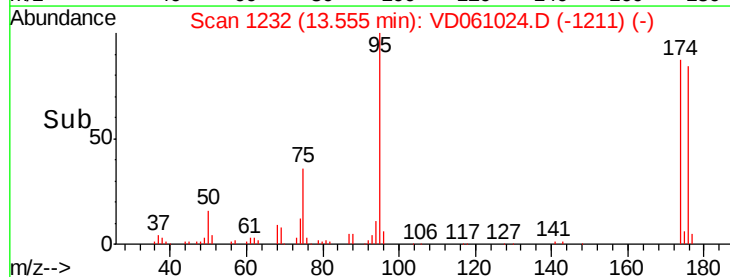
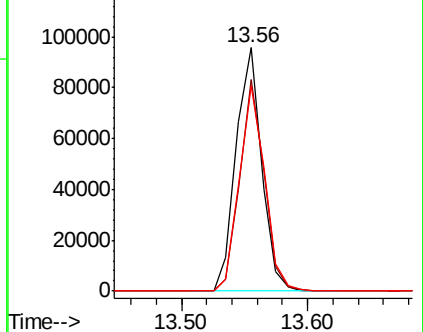
176 84.1 0.0 153.8

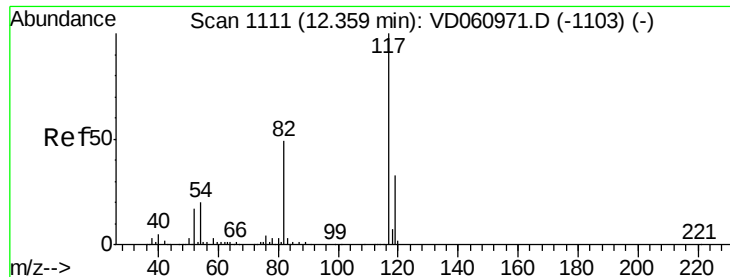


Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

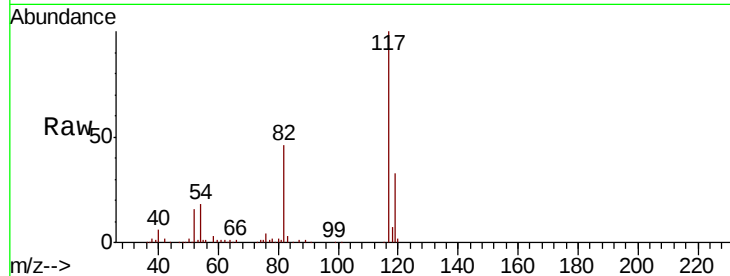




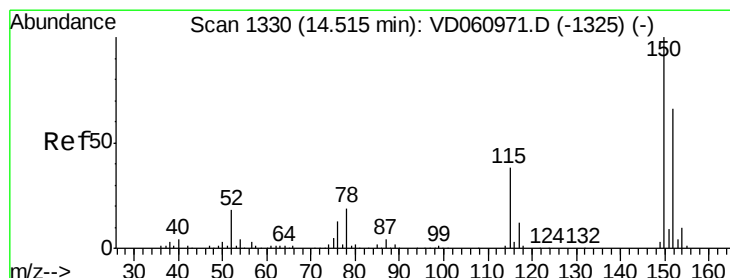
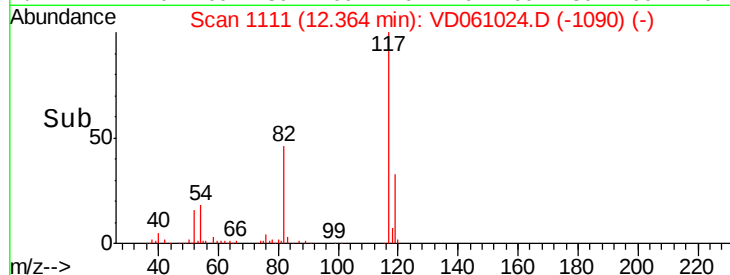
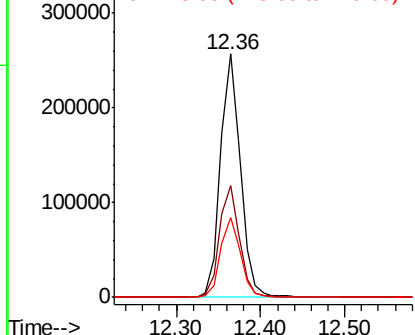
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061024.D
Acq: 12 Mar 2019 15:14

Instrument :
MSVOA_D
ClientSampleId :
STOCK-PILE-1RE

Tgt Ion:117 Resp: 423230
Ion Ratio Lower Upper
117 100
82 46.1 38.9 58.3
119 32.6 26.6 39.8

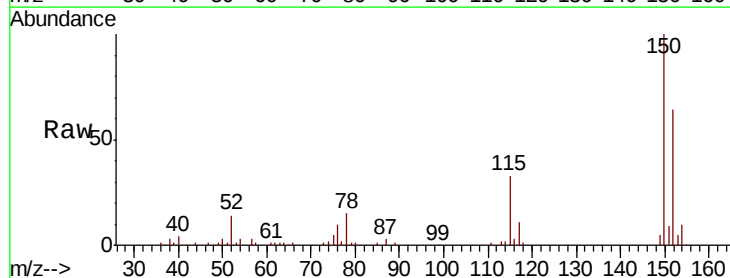


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061024.D
Acq: 12 Mar 2019 15:14

Tgt Ion:152 Resp: 98967
Ion Ratio Lower Upper
152 100
115 51.3 28.6 85.9
150 155.7 0.0 310.6



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

