

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031819\
 Data File : VD061171.D
 Acq On : 19 Mar 2019 5:01
 Operator : VA/AP
 Sample : K1928-07
 Misc : 6.54g/5ml/MSVOA D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A1-2-H2(2.5-3)

Quant Time: Mar 19 08:50:21 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

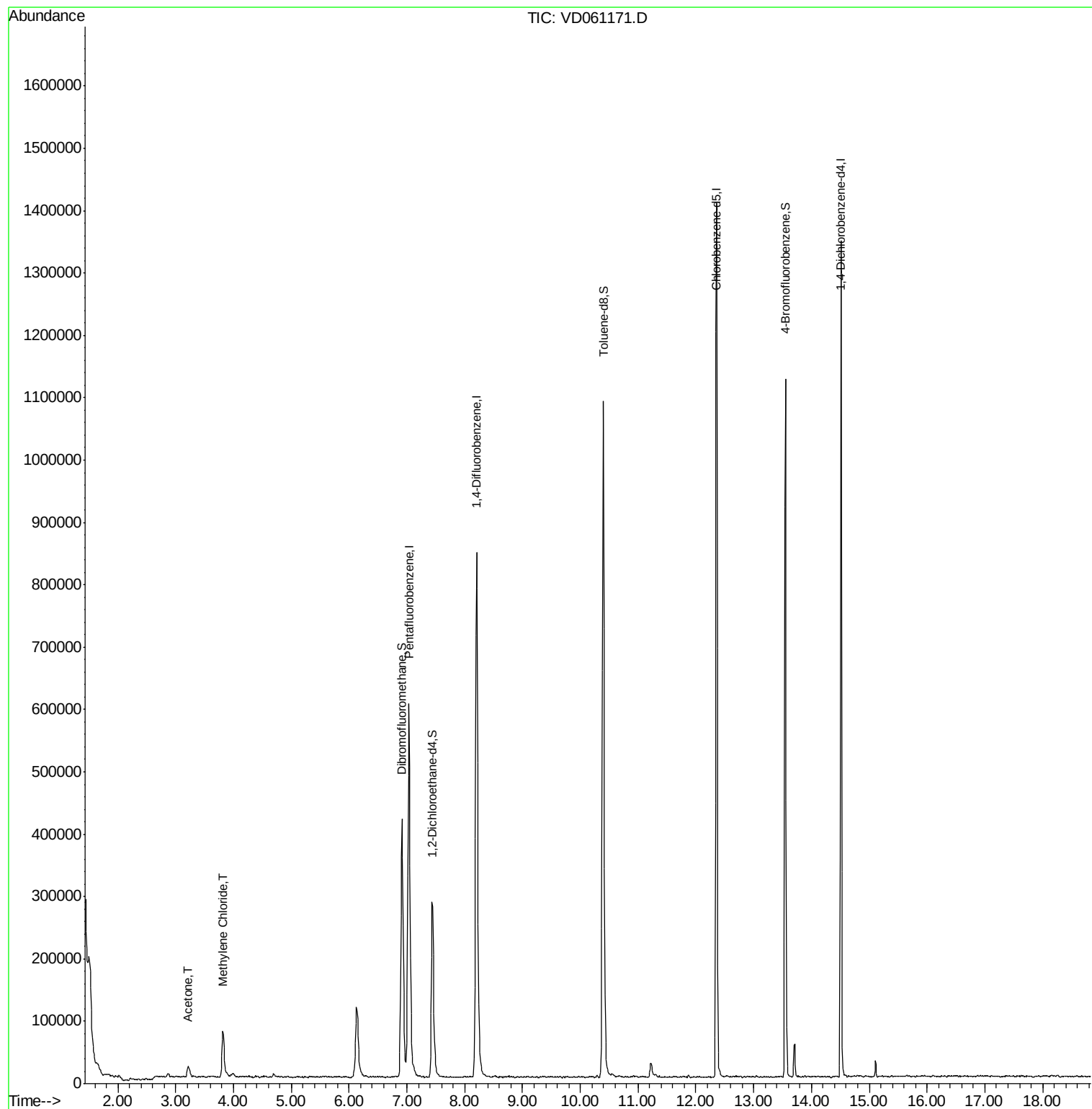
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	612115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1135117	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	901754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	360067	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	281023	55.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.32%	
35) Dibromofluoromethane	6.91	113	419067	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
50) Toluene-d8	10.40	98	1004943	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
62) 4-Bromofluorobenzene	13.55	95	368630	44.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.82%	
Target Compounds						
16) Acetone	3.21	43	38830	26.651	ug/l	99
20) Methylene Chloride	3.82	84	58625	4.589	ug/l	89

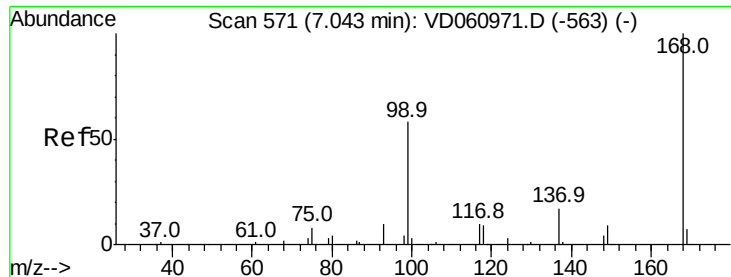
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031819\
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Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD061171.D

Acq: 19 Mar 2019 5:01

Instrument :

MSVOA_D

ClientSampleId :

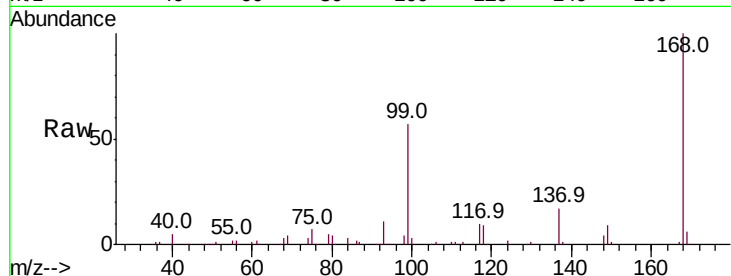
A1-2-H2(2.5-3)

Tot Ion:168 Resp: 612115

Ion Ratio Lower Upper

168 100

99 57.1 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

250000

200000

150000

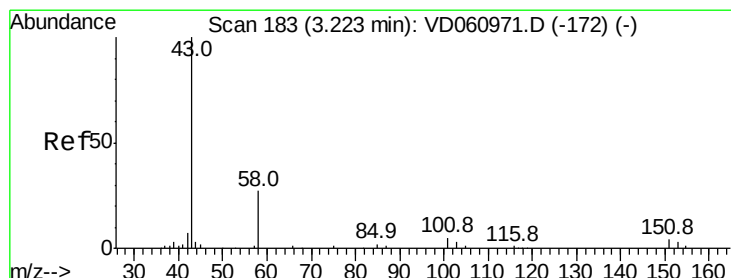
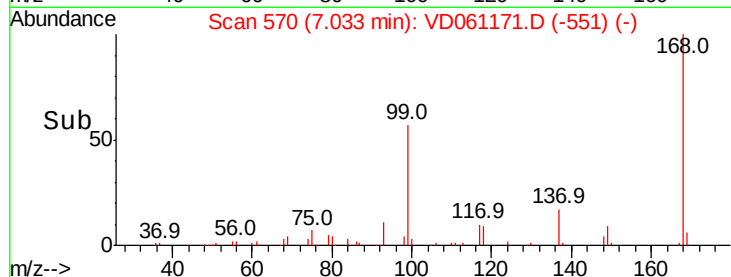
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 26.651 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061171.D

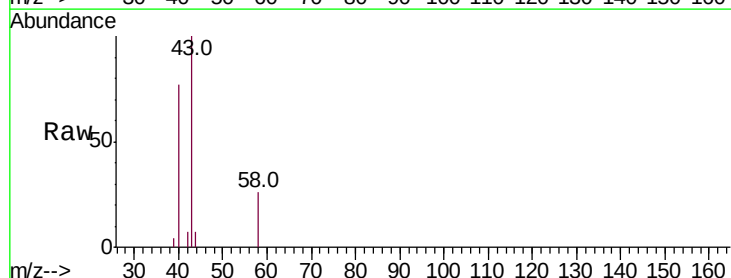
Acq: 19 Mar 2019 5:01

Tgt Ion: 43 Resp: 38830

Ion Ratio Lower Upper

43 100

58 26.4 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

15000

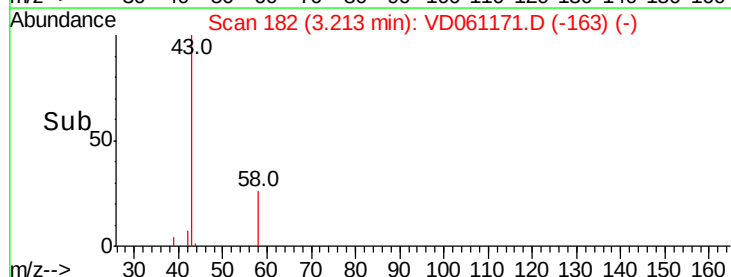
10000

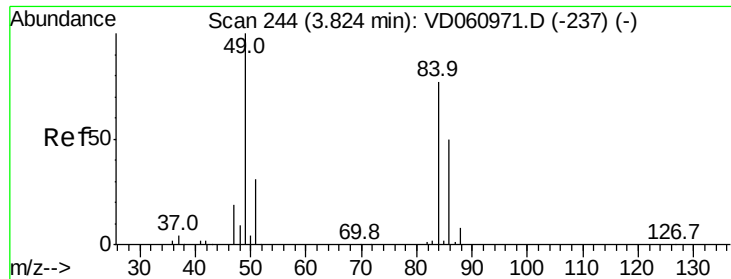
5000

0

Time-->

3.10 3.20 3.30 3.40

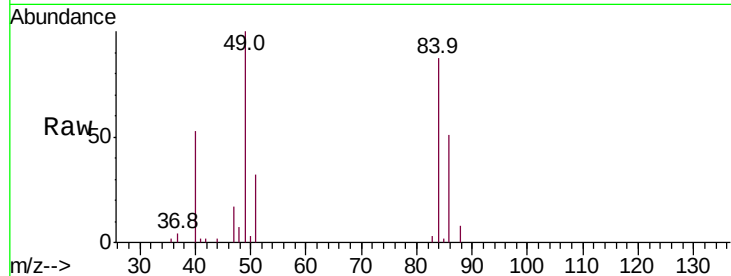




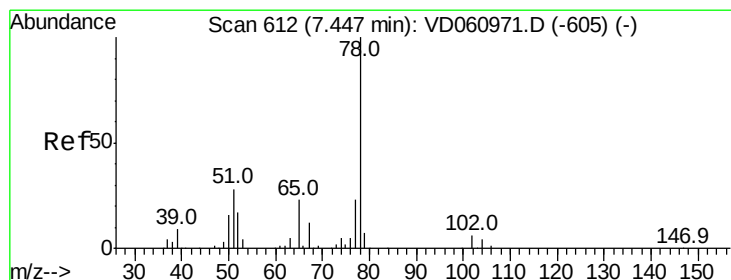
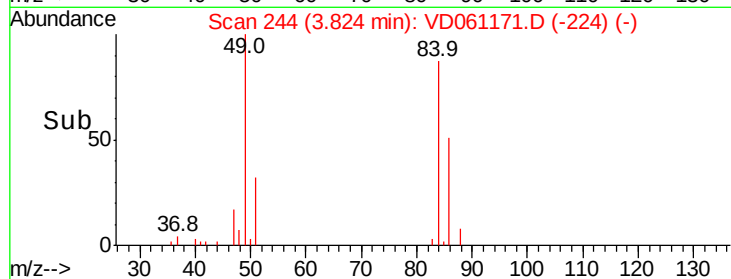
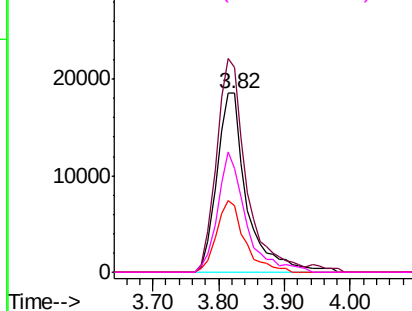
#20
Methylene Chloride
Concen: 4.589 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.00 min
Lab File: VD061171.D
Acq: 19 Mar 2019 5:01

Instrument :
MSVOA_D
ClientSampleId :
A1-2-H2(2.5-3)

Tot Ion: 84 Resp: 58625
Ion Ratio Lower Upper
84 100
49 114.5 104.2 156.2
51 37.2 32.3 48.5
86 58.0 52.3 78.5

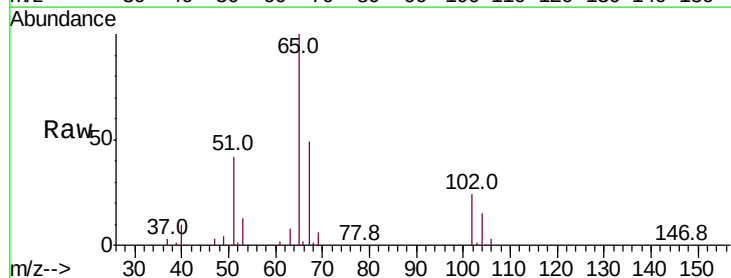


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

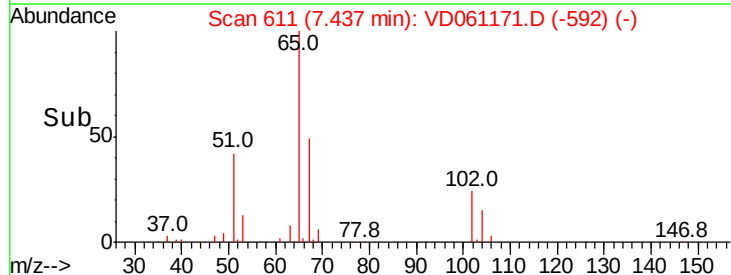
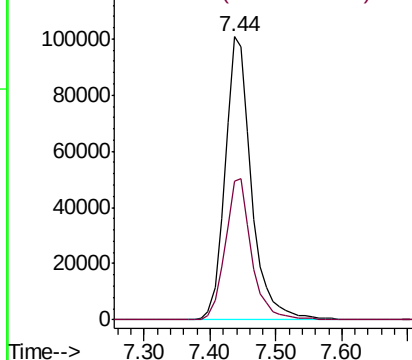


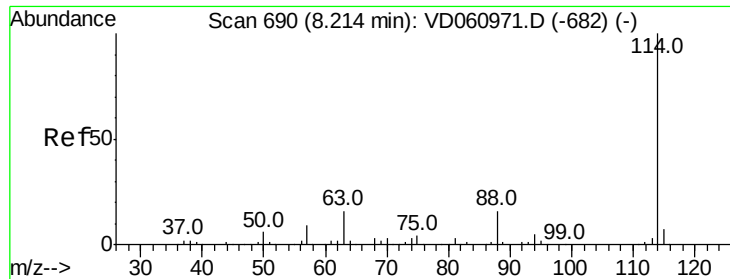
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.01 min
Lab File: VD061171.D
Acq: 19 Mar 2019 5:01

Tgt Ion: 65 Resp: 281023
Ion Ratio Lower Upper
65 100
67 49.0 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

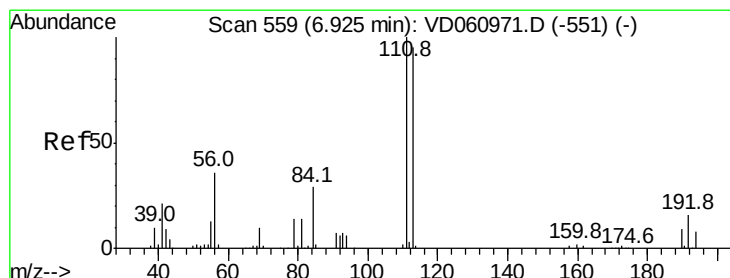
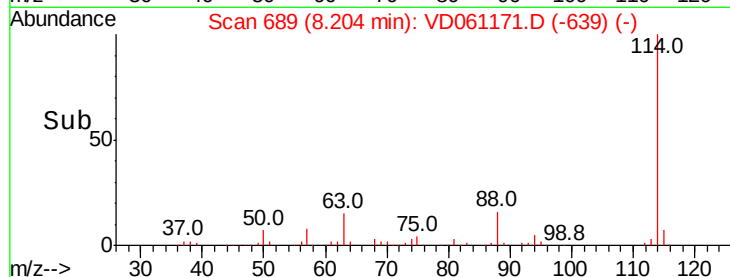
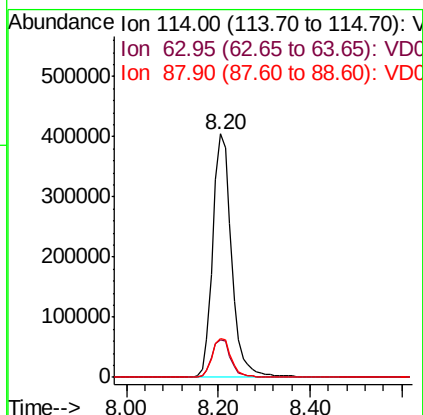
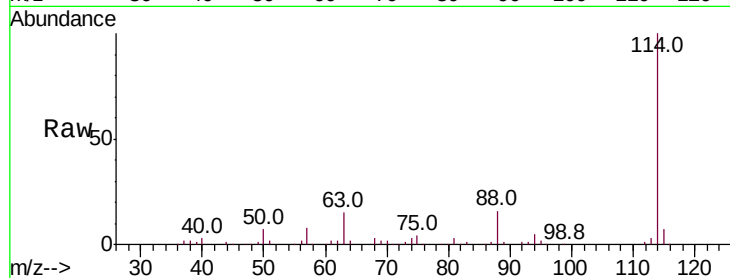




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD061171.D
 Acq: 19 Mar 2019 5:01

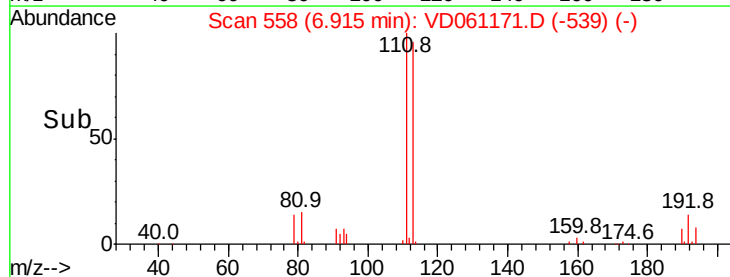
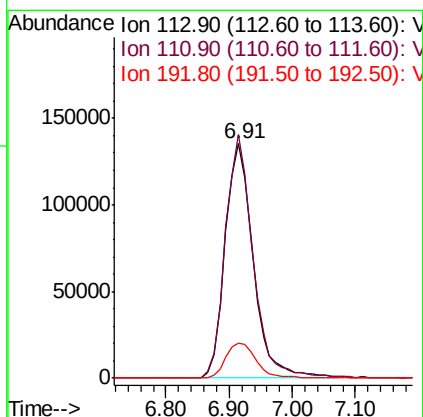
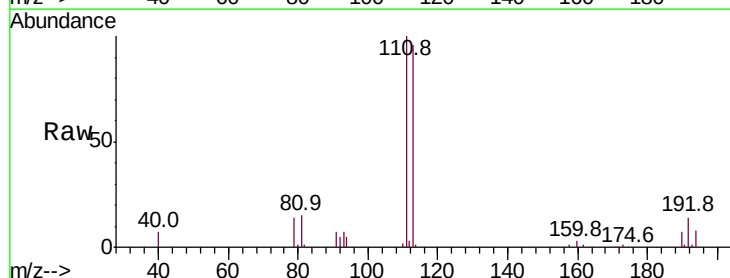
Instrument :
 MSVOA_D
 ClientSampleId :
 A1-2-H2(2.5-3)

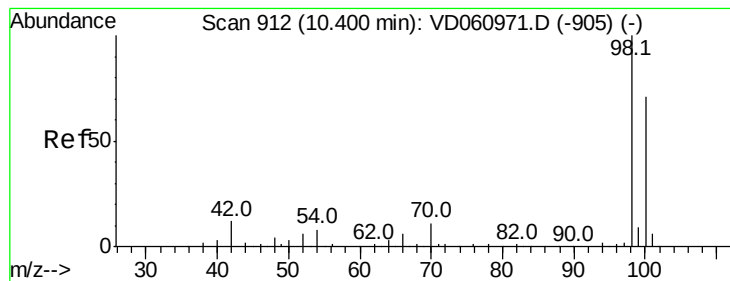
Tot Ion:114 Resp: 1135117
 Ion Ratio Lower Upper
 114 100
 63 15.5 0.0 31.4
 88 16.2 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061171.D
 Acq: 19 Mar 2019 5:01

Tgt Ion:113 Resp: 419067
 Ion Ratio Lower Upper
 113 100
 111 104.0 84.2 126.4
 192 15.1 13.1 19.7





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD061171.D

Acq: 19 Mar 2019 5:01

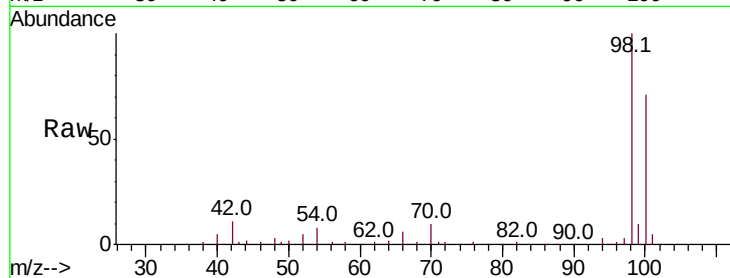
Instrument :
MSVOA_D
ClientSampleId :
A1-2-H2(2.5-3)

Tot Ion: 98 Resp: 1004943

Ion Ratio Lower Upper

98 100

100 71.1 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) (-)

10.40

400000

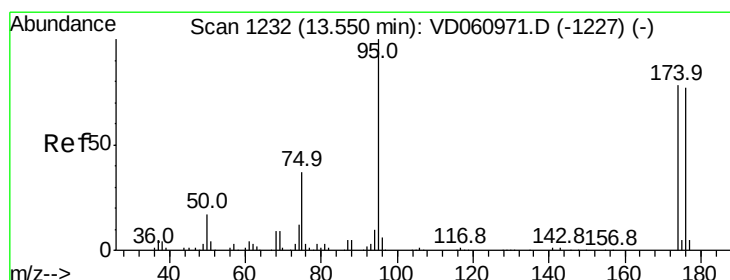
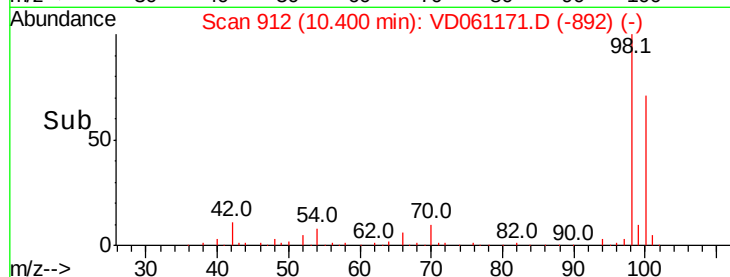
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061171.D

Acq: 19 Mar 2019 5:01

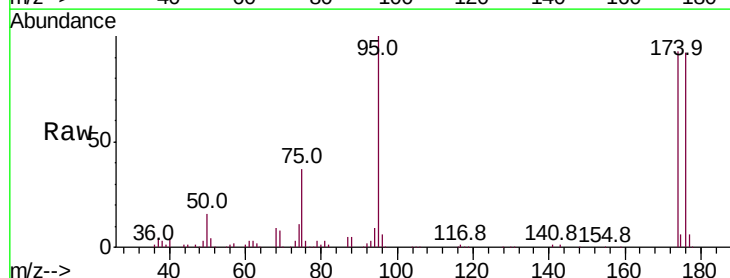
Tgt Ion: 95 Resp: 368630

Ion Ratio Lower Upper

95 100

174 93.3 0.0 155.6

176 92.4 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) (-)

13.55

300000

250000

200000

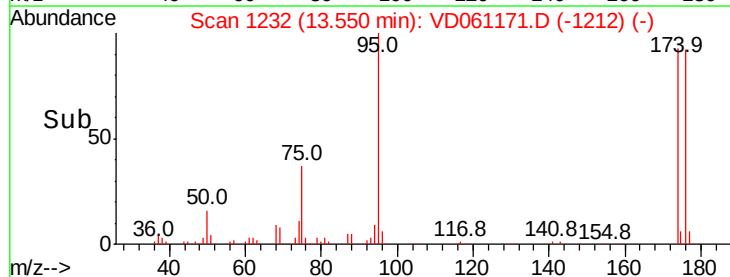
150000

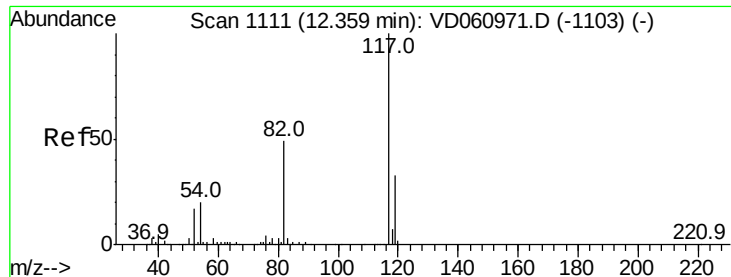
100000

50000

0

Time-->

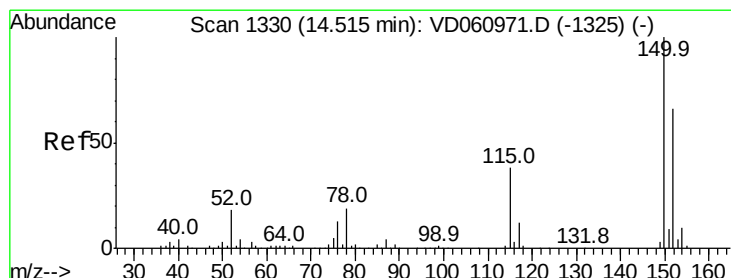
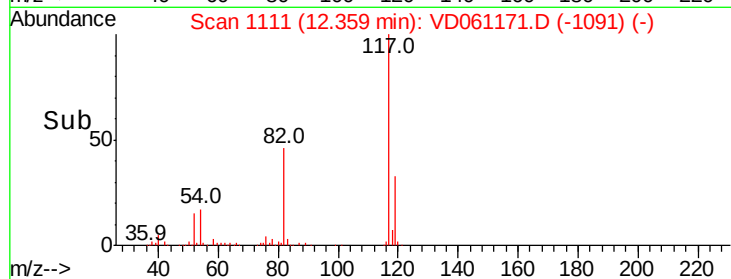
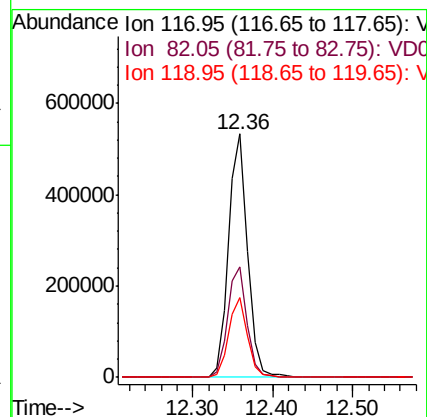
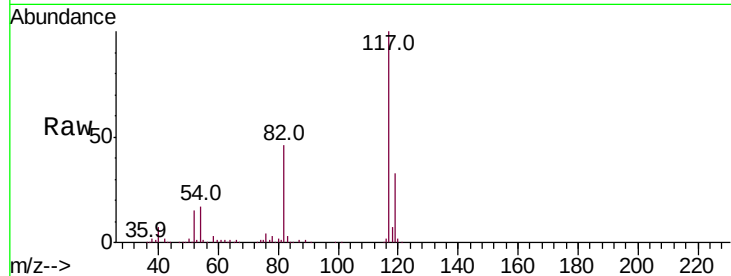




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061171.D
Acq: 19 Mar 2019 5:01

Instrument :
MSVOA_D
ClientSampleId :
A1-2-H2(2.5-3)

Tot Ion	Ratio	Lower	Upper
117	100		
82	45.5	38.9	58.3
119	32.9	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061171.D
Acq: 19 Mar 2019 5:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.7	28.6	85.9
150	157.3	0.0	310.6

