

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031219\
 Data File : VD061032.D
 Acq On : 12 Mar 2019 18:55
 Operator : VA/AP
 Sample : K1824-17
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-3

Quant Time: Mar 13 04:48:09 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

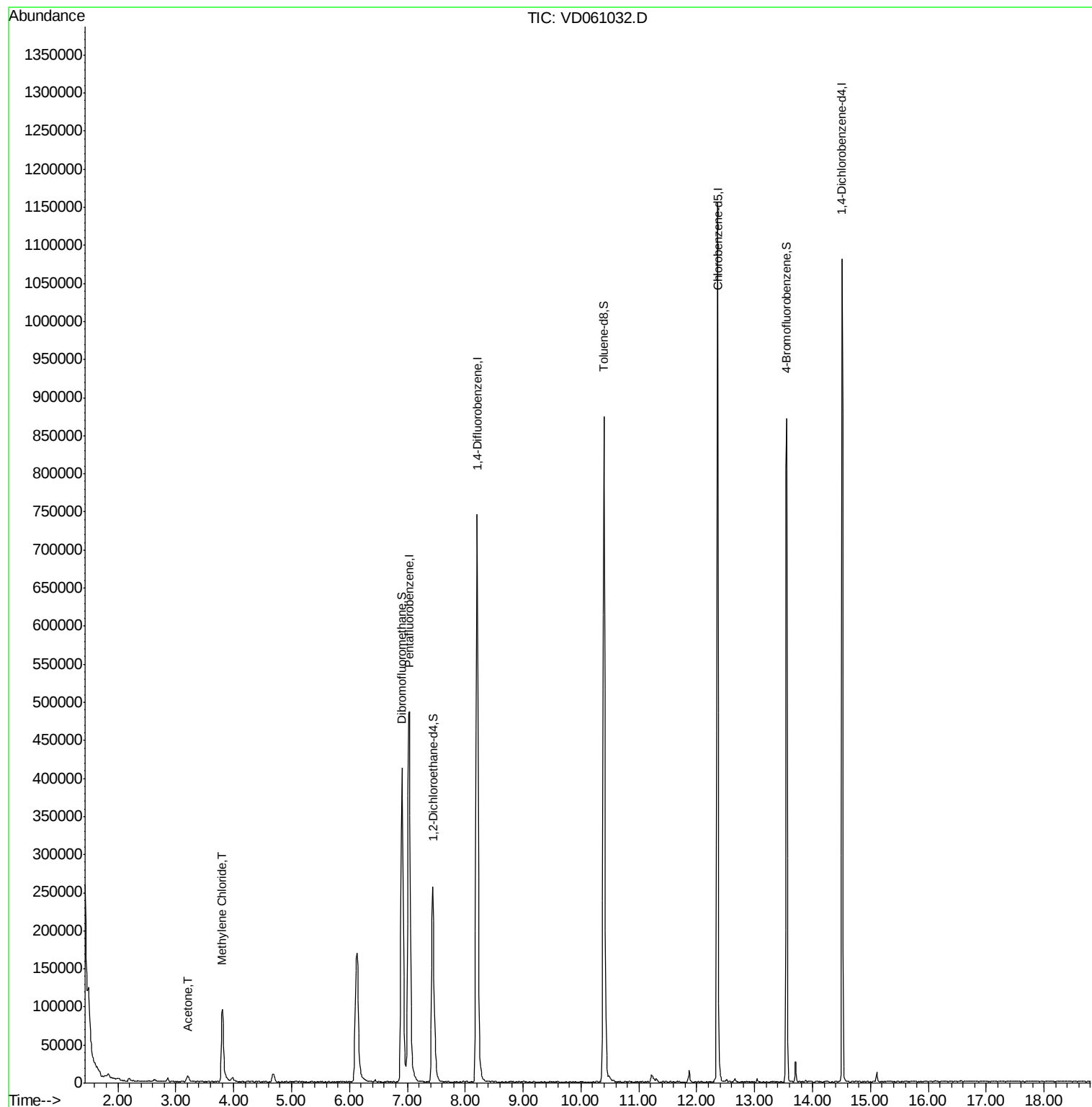
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	515143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	919283	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	754885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	257717	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	244939	57.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.24%	
35) Dibromofluoromethane	6.91	113	390406	57.23	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	114.46%	
50) Toluene-d8	10.39	98	778646	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.90%	
62) 4-Bromofluorobenzene	13.54	95	301372	45.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.68%	
Target Compounds						
16) Acetone	3.21	43	16566	13.510	ug/l	99
20) Methylene Chloride	3.81	84	72449	9.148	ug/l	95

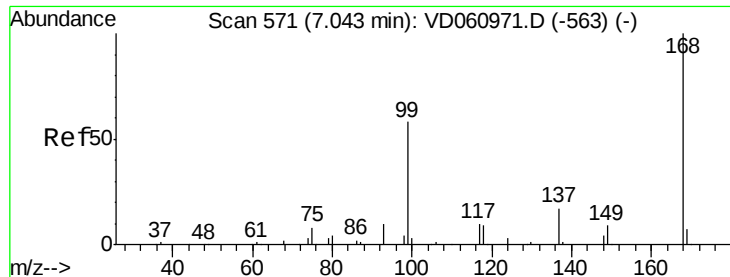
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

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Instrument :

MSVOA_D

ClientSampleId :

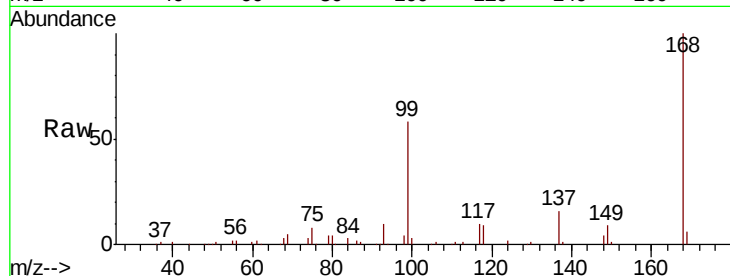
P-3

Tgt Ion: 168 Resp: 515143

Ion Ratio Lower Upper

168 100

99 58.4 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

150000

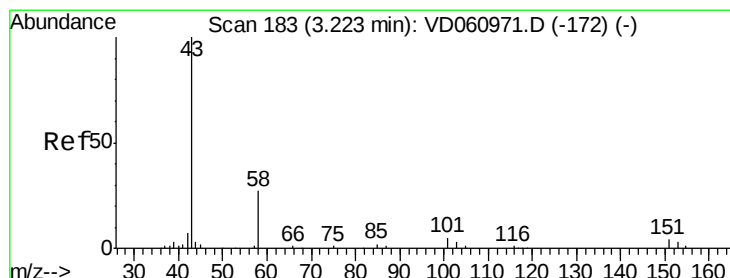
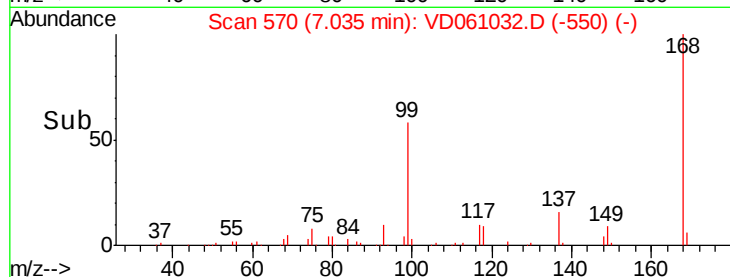
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 13.510 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD061032.D

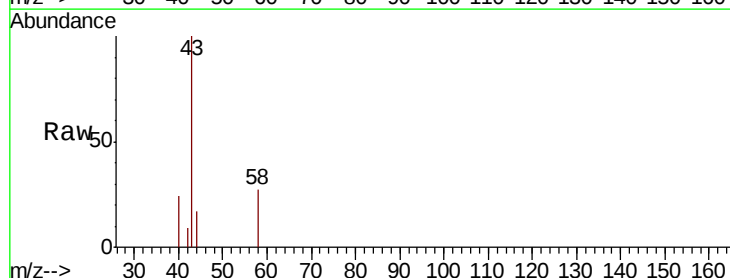
Acq: 12 Mar 2019 18:55

Tgt Ion: 43 Resp: 16566

Ion Ratio Lower Upper

43 100

58 27.3 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

6000

5000

4000

3000

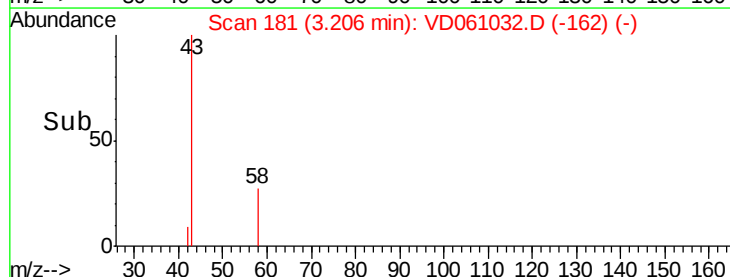
2000

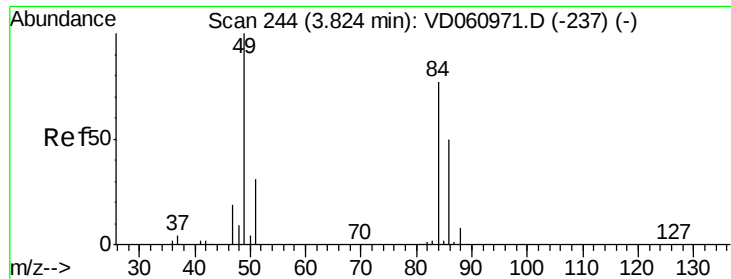
1000

0

Time-->

3.10 3.20 3.30

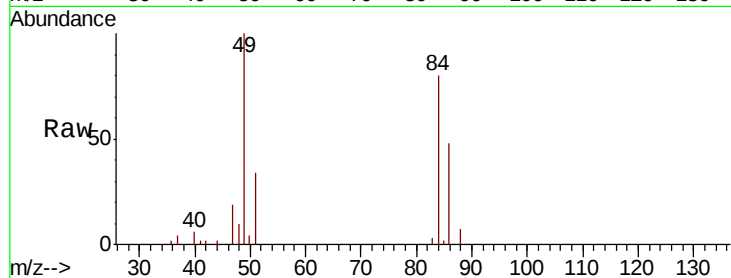




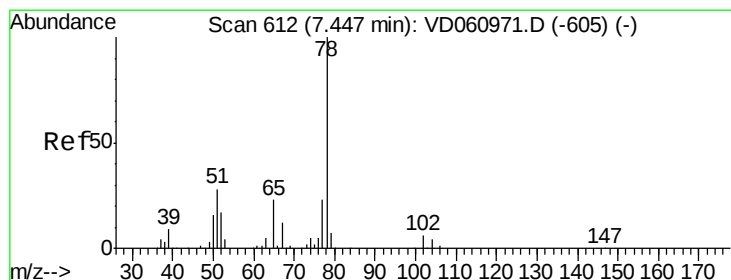
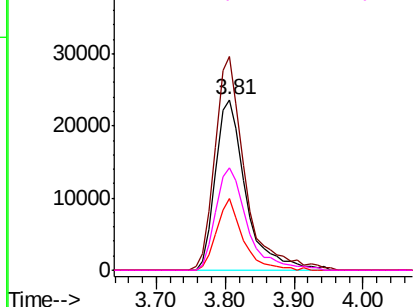
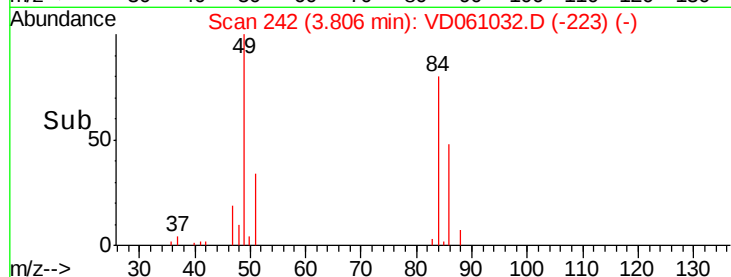
#20
Methylene Chloride
Concen: 9.148 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.02 min
Lab File: VD061032.D
Acq: 12 Mar 2019 18:55

Instrument :
MSVOA_D
ClientSampleId :
P-3

Tgt Ion: 84 Resp: 72449
Ion Ratio Lower Upper
84 100
49 125.3 104.2 156.2
51 42.1 32.3 48.5
86 60.0 52.3 78.5

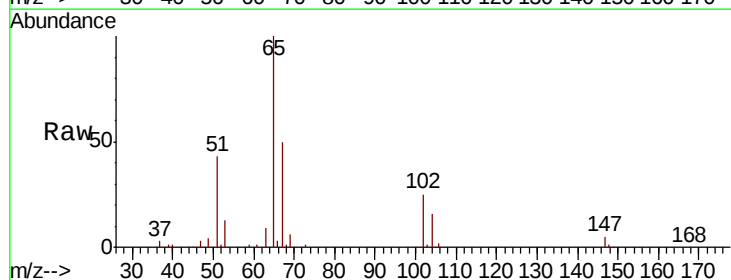


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

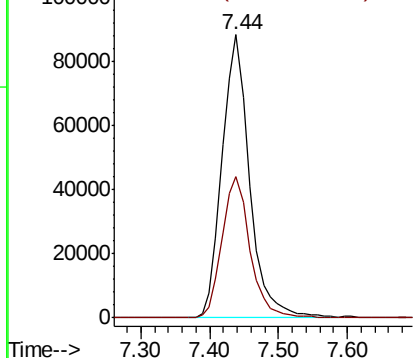
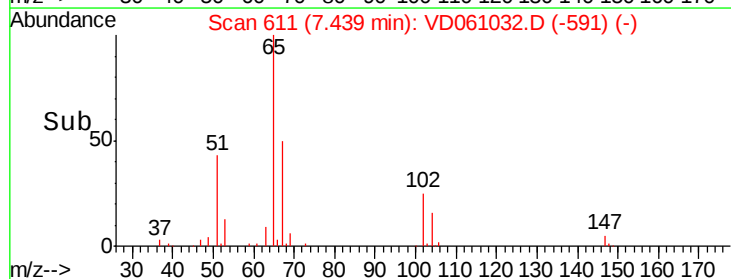


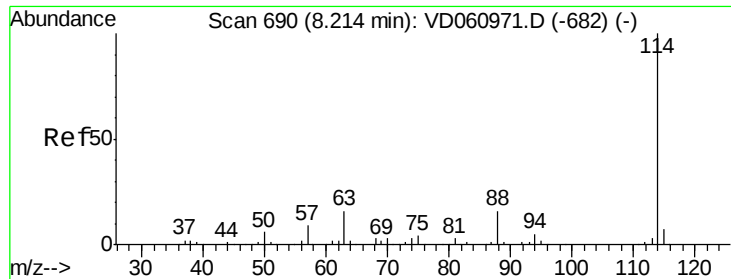
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.01 min
Lab File: VD061032.D
Acq: 12 Mar 2019 18:55

Tgt Ion: 65 Resp: 244939
Ion Ratio Lower Upper
65 100
67 49.7 0.0 105.2



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

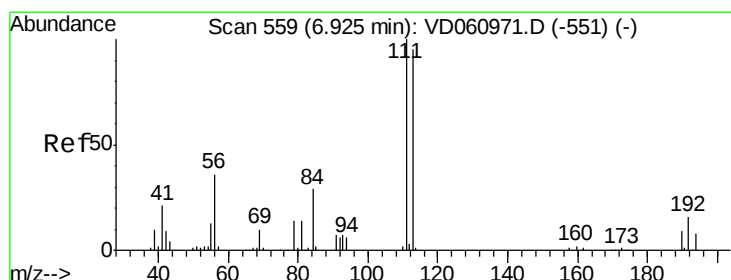
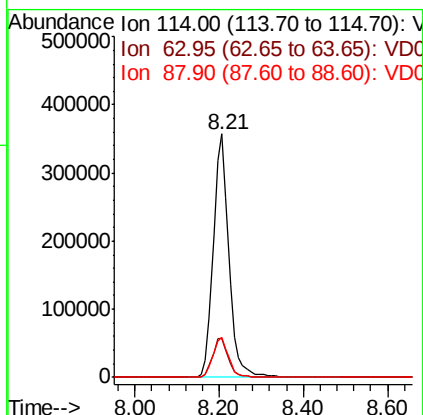
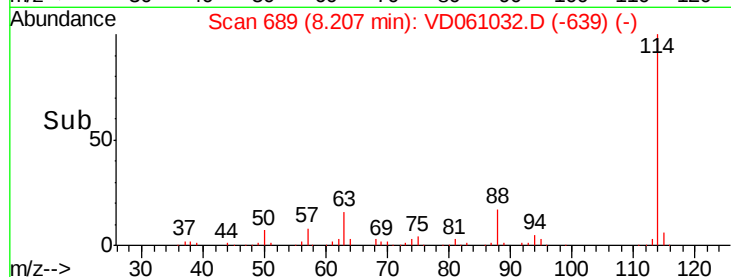
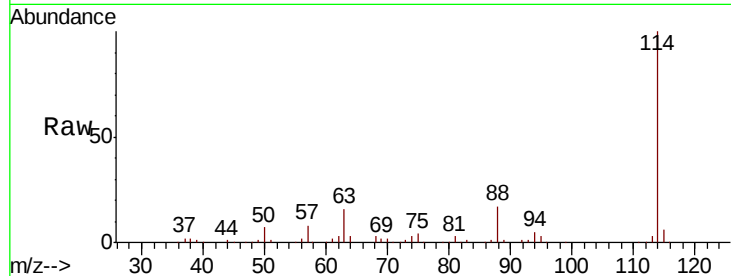




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD061032.D
 Acq: 12 Mar 2019 18:55

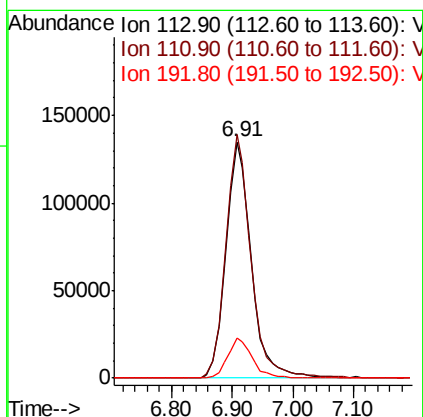
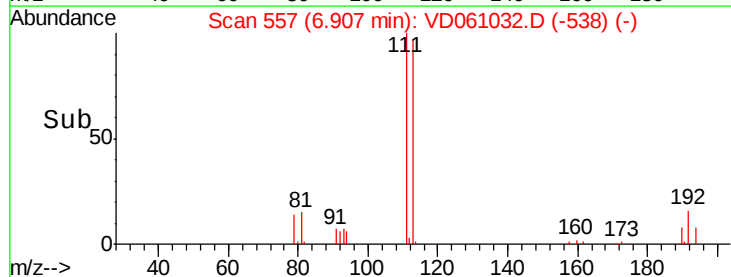
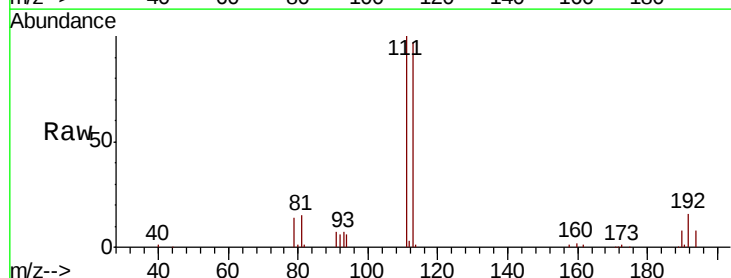
Instrument :
 MSVOA_D
 ClientSampleID :
 P-3

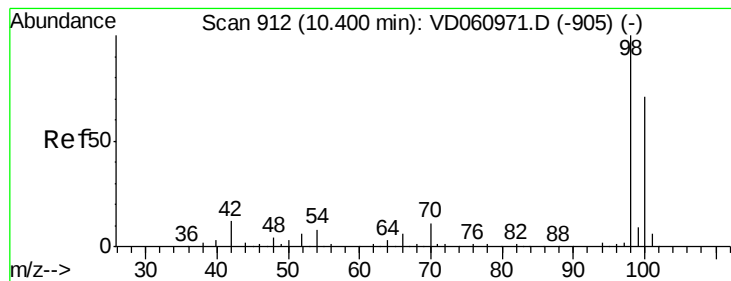
Tgt Ion:114 Resp: 919283
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 31.4
 88 16.7 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: VD061032.D
 Acq: 12 Mar 2019 18:55

Tgt Ion:113 Resp: 390406
 Ion Ratio Lower Upper
 113 100
 111 103.2 84.2 126.4
 192 16.9 13.1 19.7





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD061032.D

Acq: 12 Mar 2019 18:55

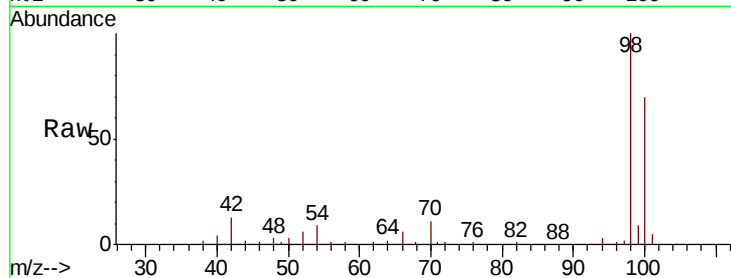
Instrument :
MSVOA_D
ClientSampleId :
P-3

Tgt Ion: 98 Resp: 778646

Ion Ratio Lower Upper

98 100

100 70.2 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) (-)

10.39

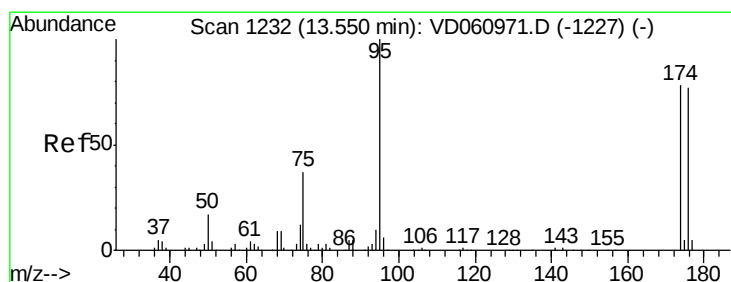
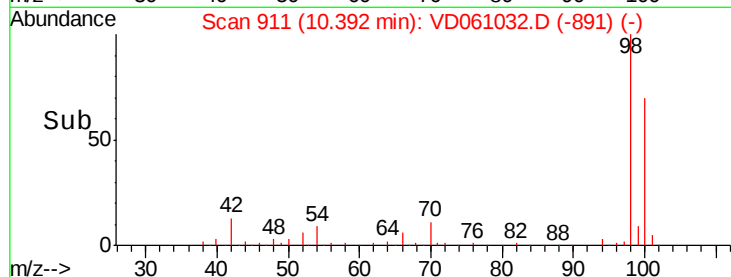
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD061032.D

Acq: 12 Mar 2019 18:55

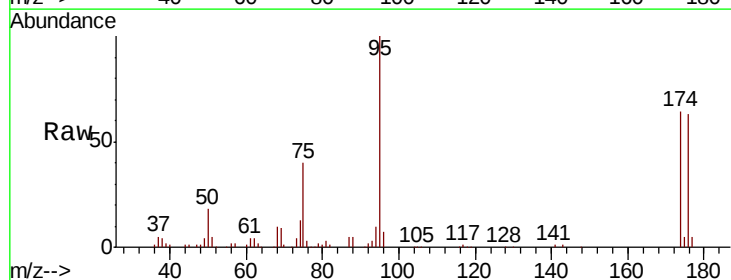
Tgt Ion: 95 Resp: 301372

Ion Ratio Lower Upper

95 100

174 63.7 0.0 155.6

176 63.0 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) (-)

13.54

250000

200000

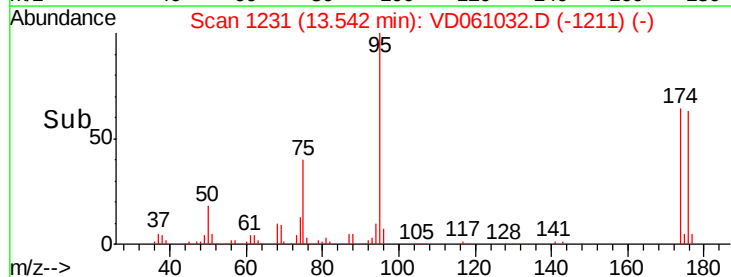
150000

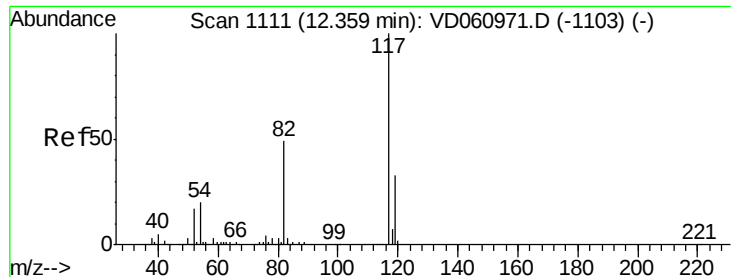
100000

50000

0

Time-->

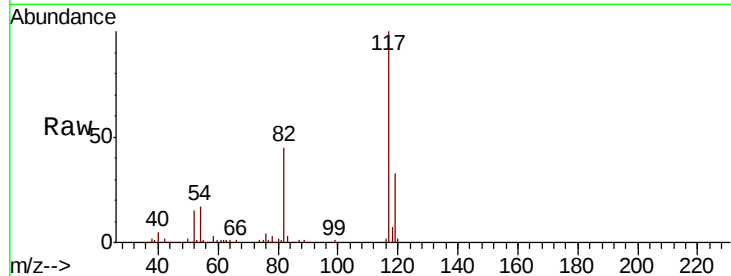




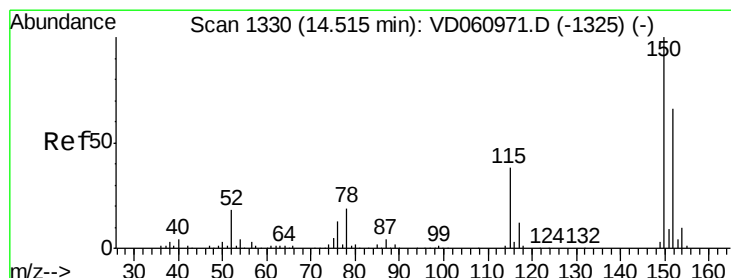
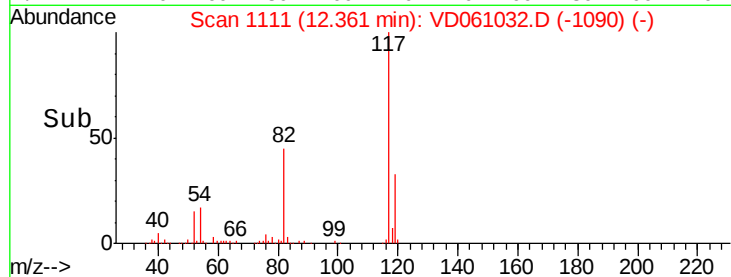
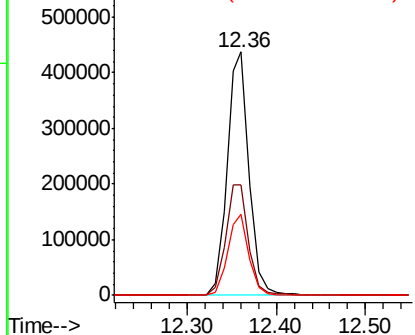
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061032.D
Acq: 12 Mar 2019 18:55

Instrument :
MSVOA_D
ClientSampled :
P-3

Tgt Ion:117 Resp: 754885
Ion Ratio Lower Upper
117 100
82 45.2 38.9 58.3
119 33.4 26.6 39.8

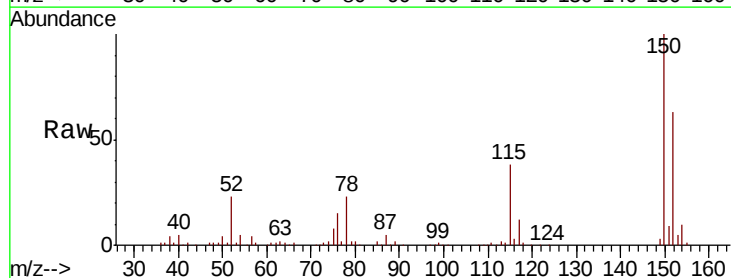


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061032.D
Acq: 12 Mar 2019 18:55

Tgt Ion:152 Resp: 257717
Ion Ratio Lower Upper
152 100
115 60.7 28.6 85.9
150 158.0 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

