

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032219\
 Data File : VD061259.D
 Acq On : 22 Mar 2019 14:28
 Operator : VA/AP
 Sample : K2003-10
 Misc : 6.09g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S4A(30)

Quant Time: Mar 23 00:25:57 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

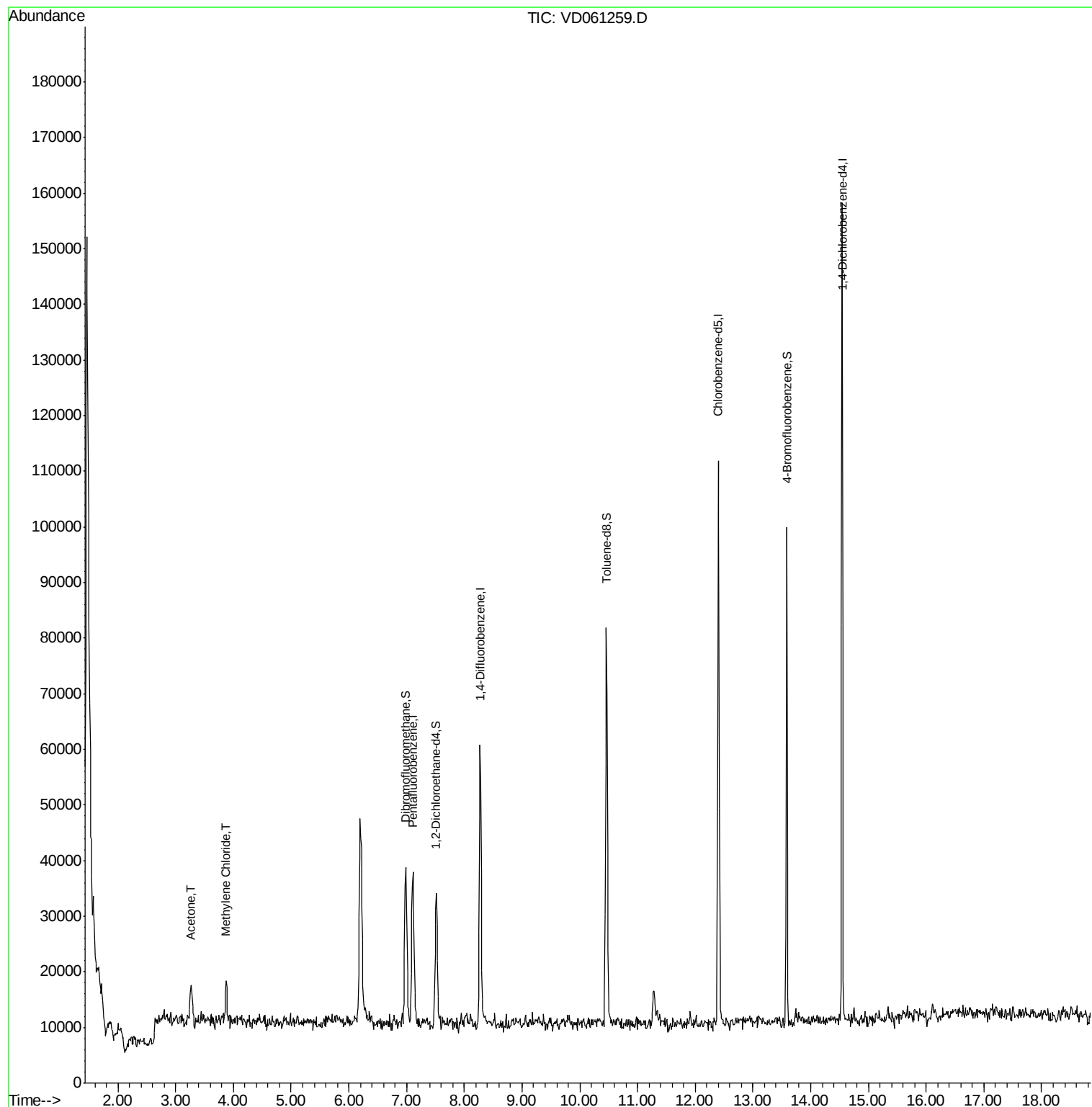
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.11	168	32048	50.00	ug/l	0.07
34) 1,4-Difluorobenzene	8.27	114	66166	50.00	ug/l	0.06
63) Chlorobenzene-d5	12.40	117	68175	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	14.54	152	32486	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.52	65	23563	88.33	ug/l	0.07
Spiked Amount 50.000			Recovery	=	176.66%	
35) Dibromofluoromethane	6.98	113	28074	57.17	ug/l	0.06
Spiked Amount 50.000			Recovery	=	114.34%	
50) Toluene-d8	10.46	98	62208	50.45	ug/l	0.06
Spiked Amount 50.000			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	13.58	95	29792	62.27	ug/l	0.03
Spiked Amount 50.000			Recovery	=	124.54%	
Target Compounds						
16) Acetone	3.26	43	14487	189.911	ug/l	98
20) Methylene Chloride	3.88	84	3825	6.985	ug/l	88

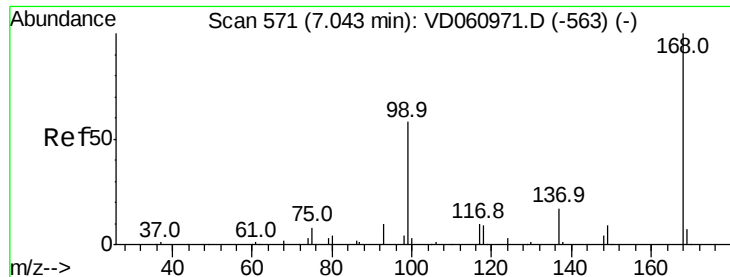
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.11 min Scan# 578

Delta R.T. 0.07 min

Lab File: VD061259.D

Acq: 22 Mar 2019 14:28

Instrument :

MSVOA_D

ClientSampleId :

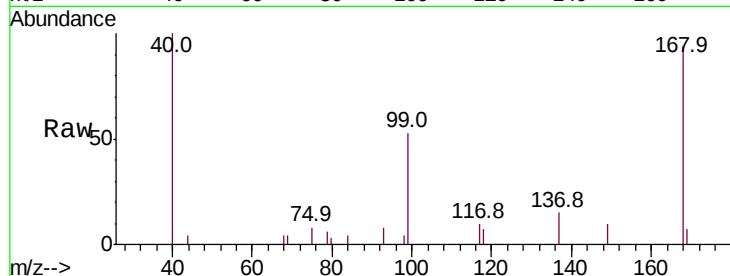
S4A(30)

Tot Ion:168 Resp: 32048

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

7.11

12000

10000

8000

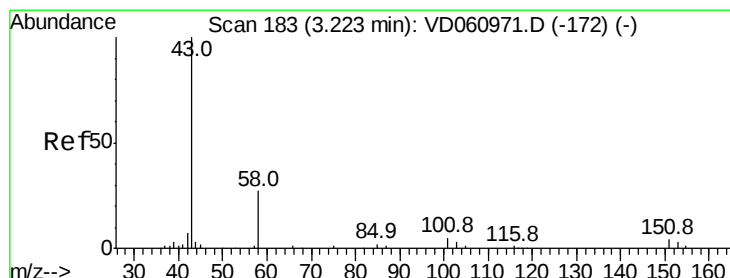
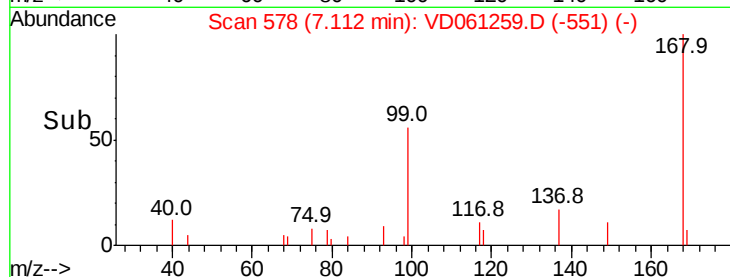
6000

4000

2000

0

Time-->



#16

Acetone

Concen: 189.911 ug/l

RT: 3.26 min Scan# 187

Delta R.T. 0.04 min

Lab File: VD061259.D

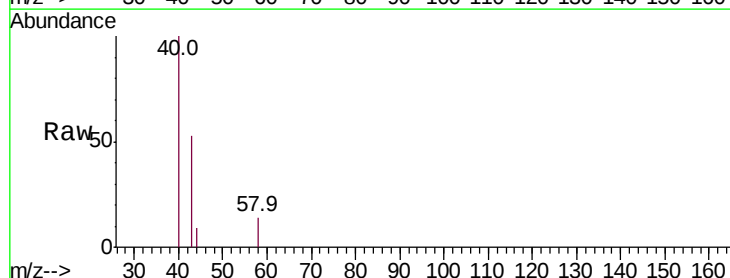
Acq: 22 Mar 2019 14:28

Tgt Ion: 43 Resp: 14487

Ion Ratio Lower Upper

43 100

58 26.1 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.26

6000

5000

4000

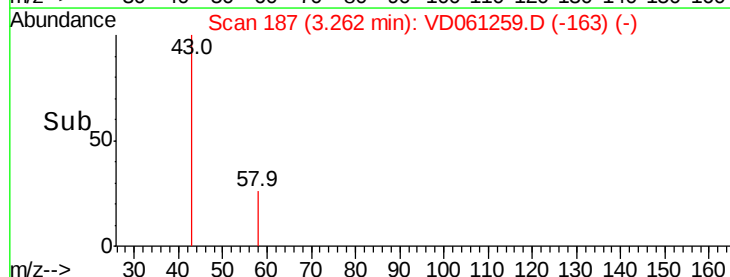
3000

2000

1000

0

Time-->

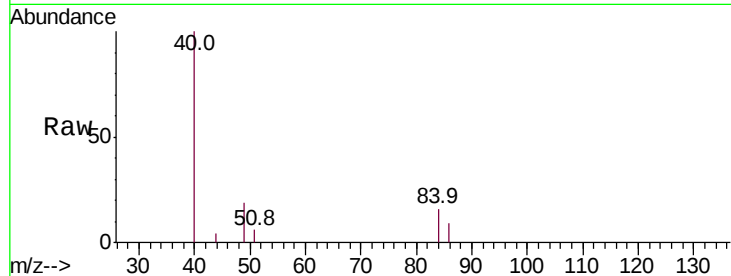




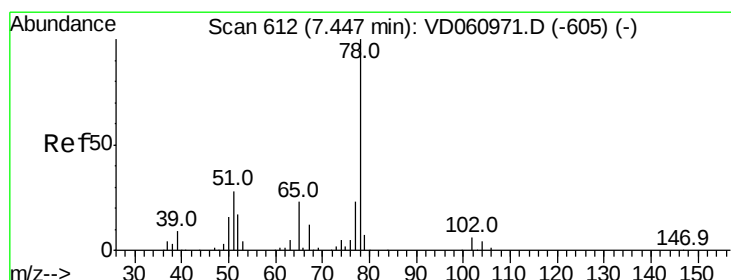
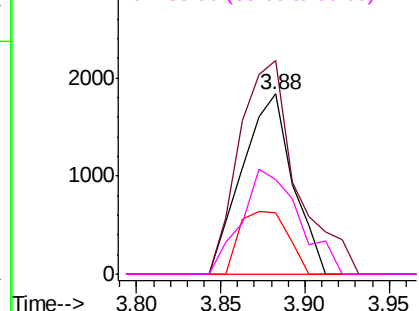
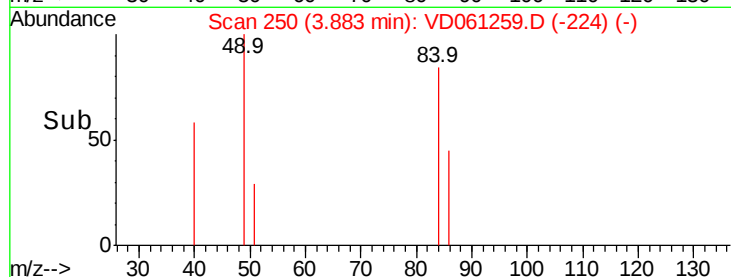
#20
Methylene Chloride
Concen: 6.985 ug/l
RT: 3.88 min Scan# 250
Delta R.T. 0.06 min
Lab File: VD061259.D
Acq: 22 Mar 2019 14:28

Instrument :
MSVOA_D
ClientSampleId :
S4A(30)

Tot Ion: 84 Resp: 3825
Ion Ratio Lower Upper
84 100
49 118.5 104.2 156.2
51 34.4 32.3 48.5
86 52.9 52.3 78.5

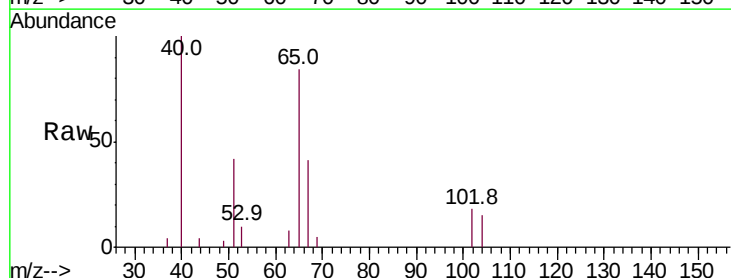


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

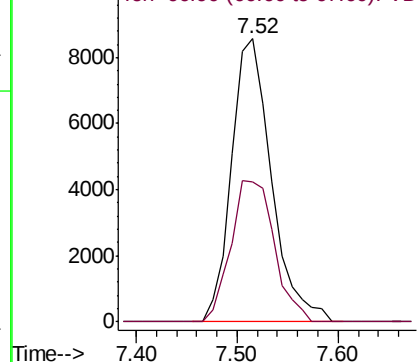
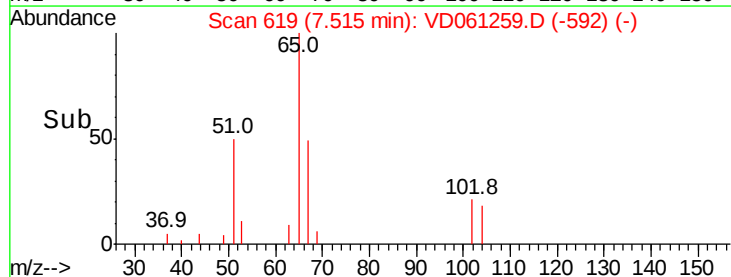


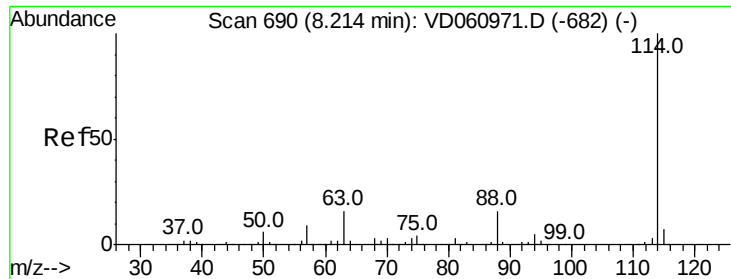
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.52 min Scan# 619
Delta R.T. 0.07 min
Lab File: VD061259.D
Acq: 22 Mar 2019 14:28

Tgt Ion: 65 Resp: 23563
Ion Ratio Lower Upper
65 100
67 49.4 0.0 105.2



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

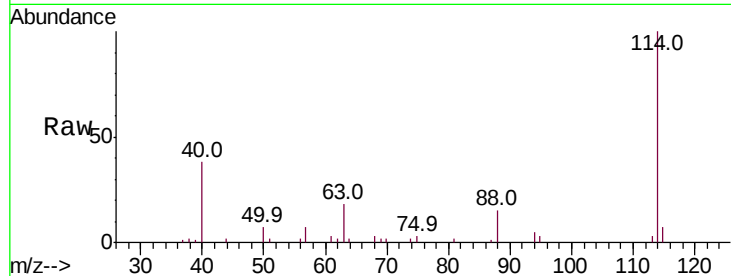




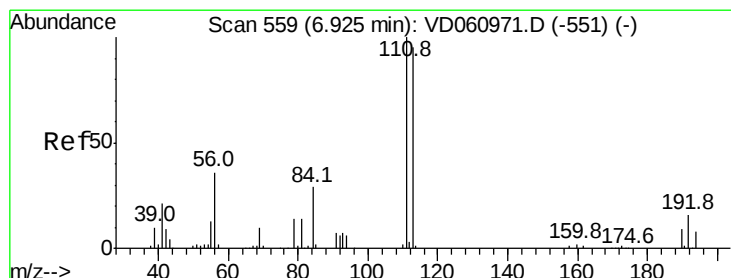
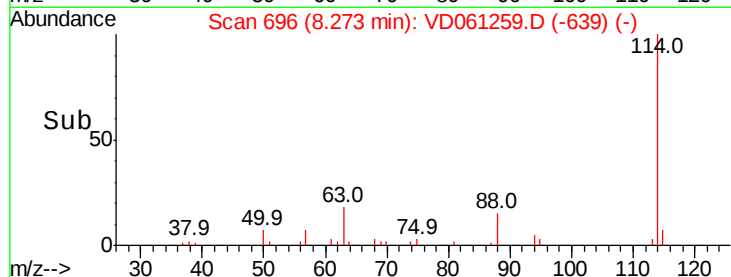
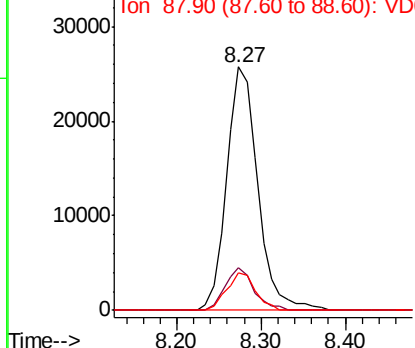
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.27 min Scan# 696
 Delta R.T. 0.06 min
 Lab File: VD061259.D
 Acq: 22 Mar 2019 14:28

Instrument :
 MSVOA_D
 ClientSampleId :
 S4A(30)

Tot Ion:114 Resp: 66166
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 31.4
 88 15.4 0.0 33.0

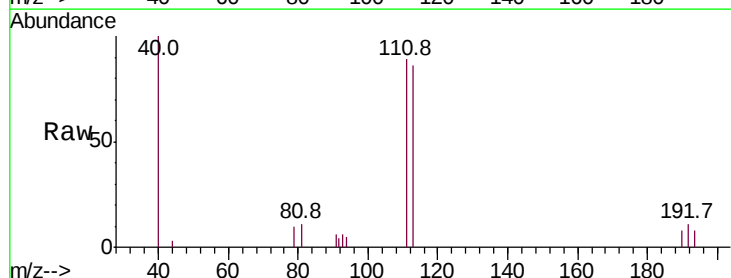


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

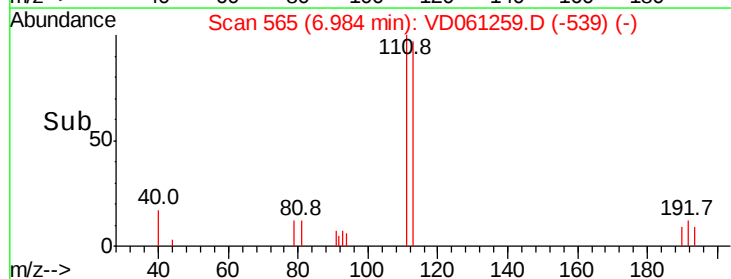
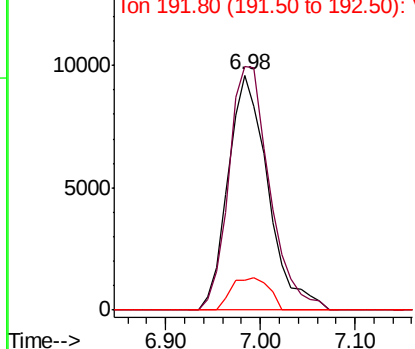


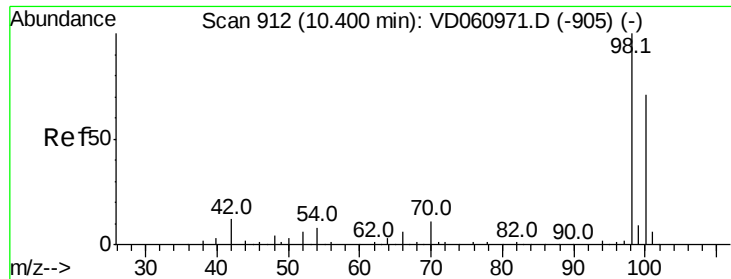
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.98 min Scan# 565
 Delta R.T. 0.06 min
 Lab File: VD061259.D
 Acq: 22 Mar 2019 14:28

Tgt Ion:113 Resp: 28074
 Ion Ratio Lower Upper
 113 100
 111 103.6 84.2 126.4
 192 12.5 13.1 19.7#



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: 10.46 min Scan# 918

Delta R.T. 0.06 min

Lab File: VD061259.D

Acq: 22 Mar 2019 14:28

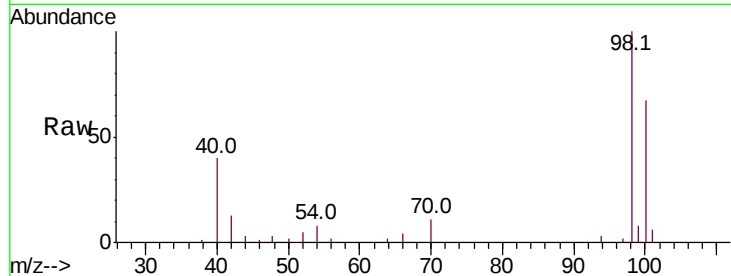
Instrument :
MSVOA_D
ClientSampleId :
S4A(30)

Tot Ion: 98 Resp: 62208

Ion Ratio Lower Upper

98 100

100 67.1 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) (-)

10.46

30000

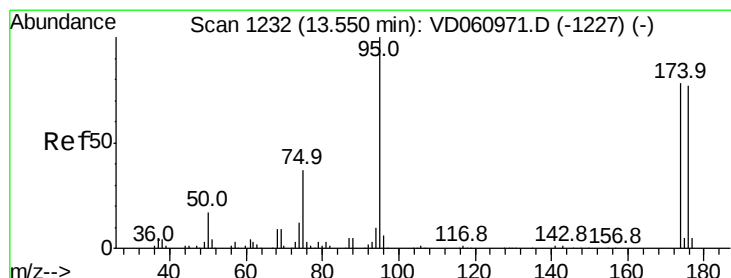
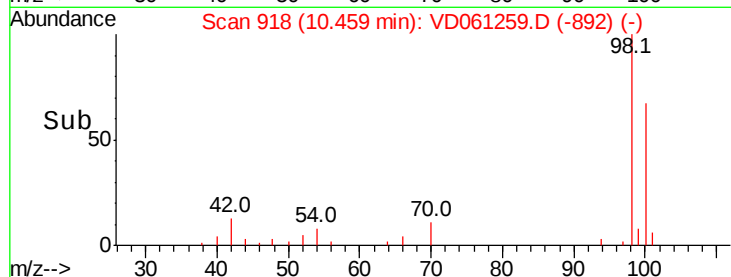
20000

10000

0

Time-->

10.40 10.50



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.58 min Scan# 1235

Delta R.T. 0.03 min

Lab File: VD061259.D

Acq: 22 Mar 2019 14:28

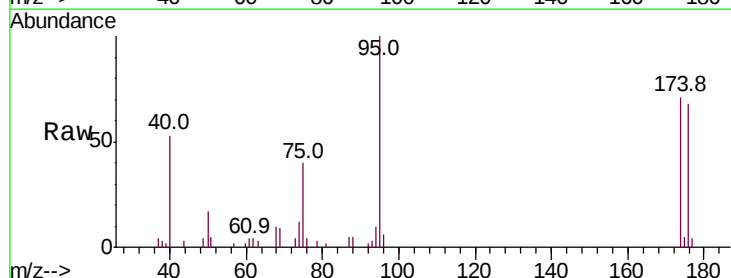
Tgt Ion: 95 Resp: 29792

Ion Ratio Lower Upper

95 100

174 70.7 0.0 155.6

176 68.3 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) (-)

25000

20000

15000

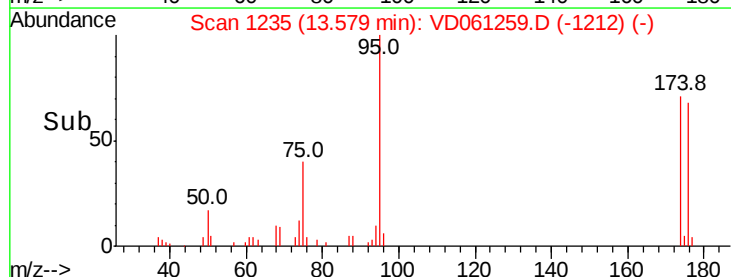
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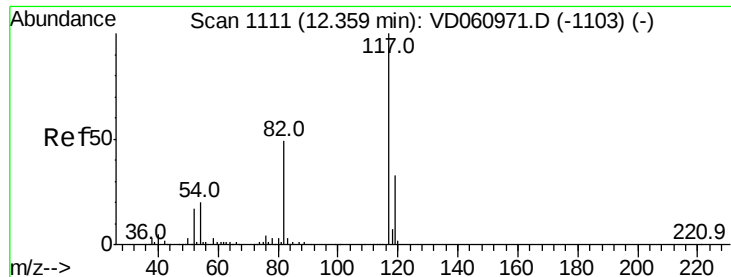
5000

0

Time-->

13.55 13.60 13.65

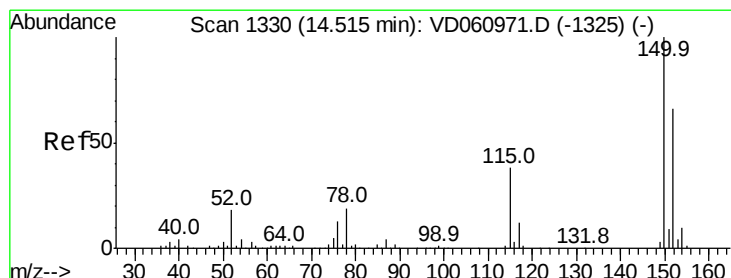
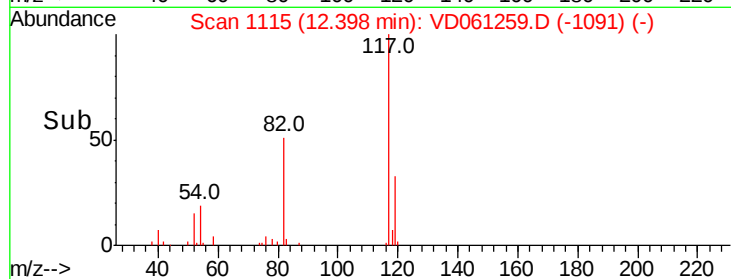
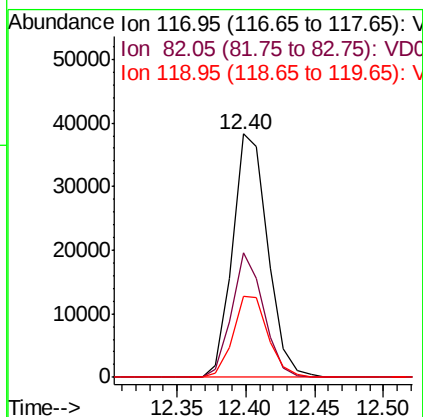
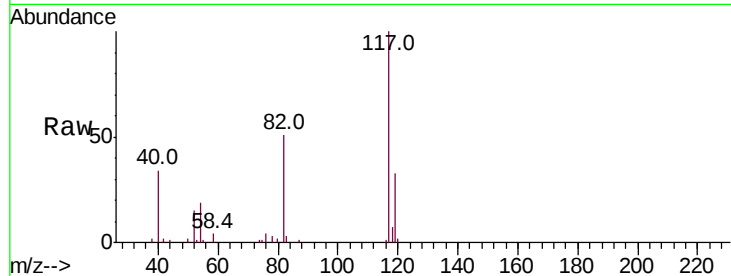




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. 0.04 min
Lab File: VD061259.D
Acq: 22 Mar 2019 14:28

Instrument :
MSVOA_D
ClientSampled :
S4A(30)

Tot Ion:117 Resp: 68175
Ion Ratio Lower Upper
117 100
82 50.9 38.9 58.3
119 33.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.54 min Scan# 1333
Delta R.T. 0.03 min
Lab File: VD061259.D
Acq: 22 Mar 2019 14:28

Tgt Ion:152 Resp: 32486
Ion Ratio Lower Upper
152 100
115 58.6 28.6 85.9
150 165.6 0.0 310.6

