

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031419\
 Data File : VD061070.D
 Acq On : 14 Mar 2019 17:46
 Operator : VA/AP
 Sample : K1901-06
 Misc : 3.69g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4(7-8)

Quant Time: Mar 15 03:38:10 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

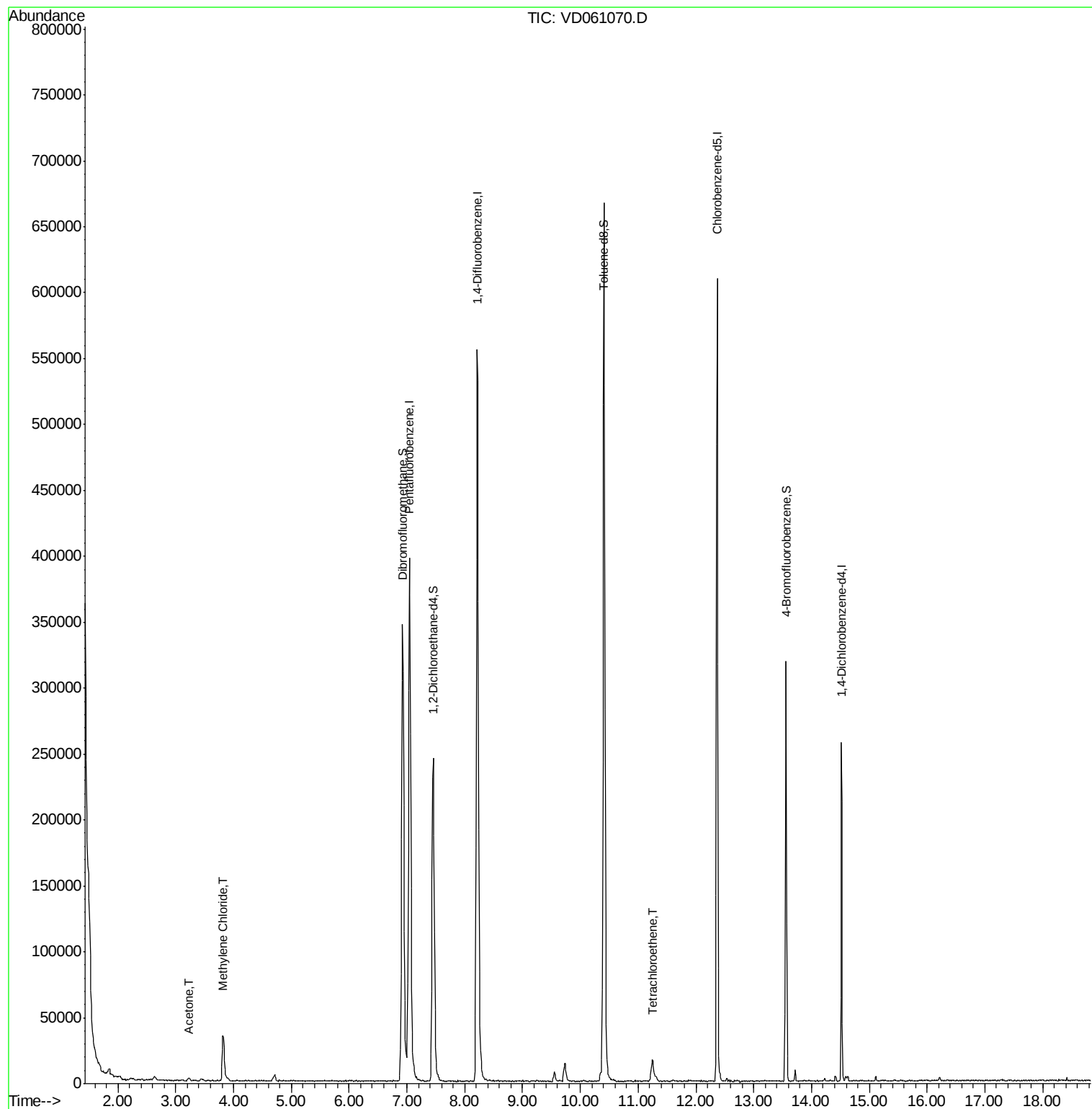
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	414146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	727918	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	379535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	65194	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	226195	65.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.24%	
35) Dibromofluoromethane	6.92	113	345679	63.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.98%	
50) Toluene-d8	10.41	98	573629	42.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.56%	
62) 4-Bromofluorobenzene	13.56	95	105064	19.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	39.92%	
Target Compounds						
16) Acetone	3.22	43	3958	4.015	ug/l	91
20) Methylene Chloride	3.82	84	26419	1.339	ug/l	93
64) Tetrachloroethene	11.26	164	3224	1.258	ug/l	86

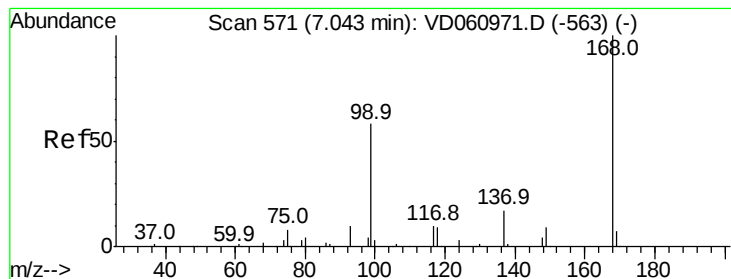
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031419\
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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: 7.04 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD061070.D

Acq: 14 Mar 2019 17:46

Instrument :

MSVOA_D

ClientSampleId :

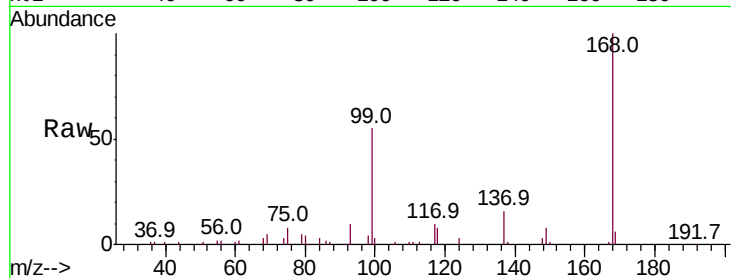
SB-4(7-8)

Tot Ion:168 Resp: 414146

Ion Ratio Lower Upper

168 100

99 55.2 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

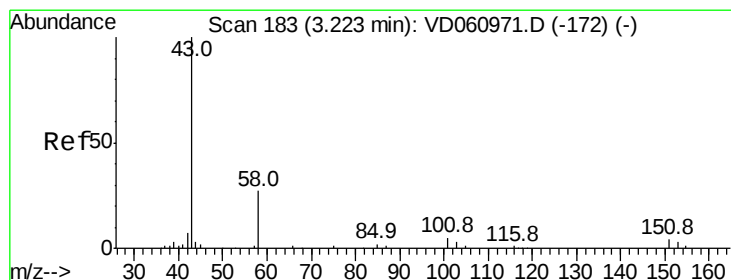
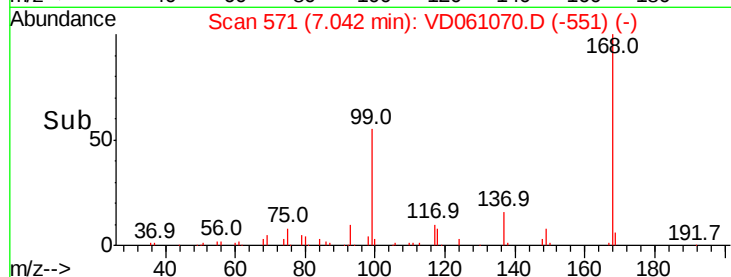
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.015 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD061070.D

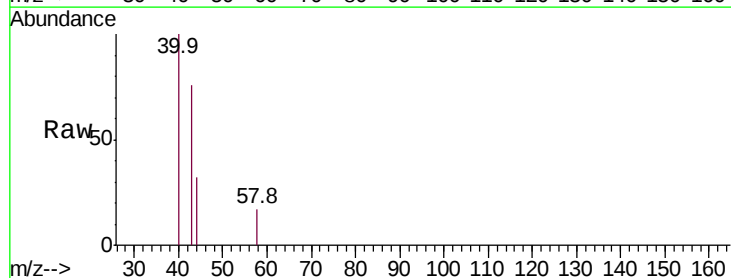
Acq: 14 Mar 2019 17:46

Tgt Ion: 43 Resp: 3958

Ion Ratio Lower Upper

43 100

58 22.1 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

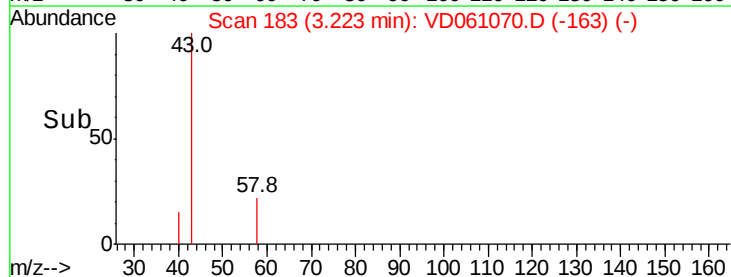
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1000

500

0

Time-->

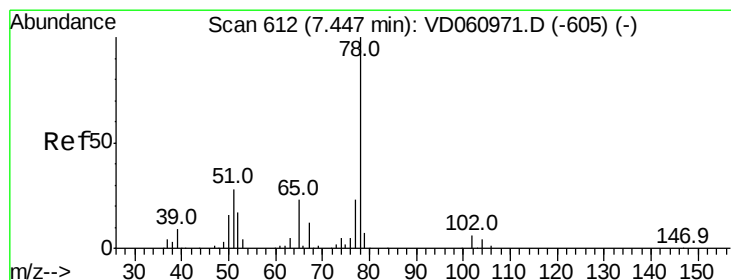
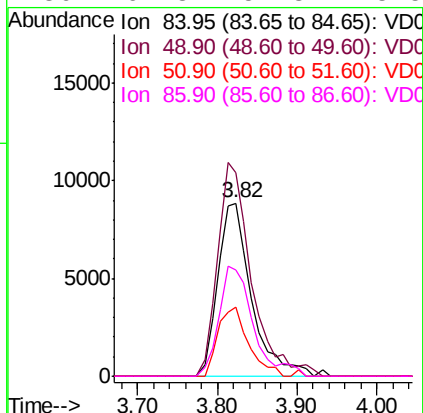
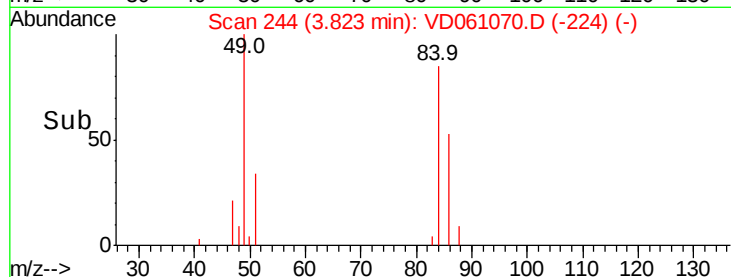
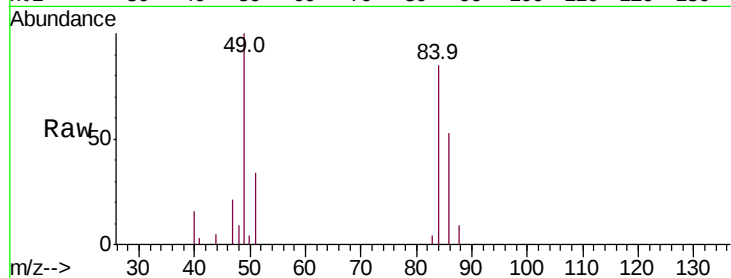




#20
Methvlene Chloride
Concen: 1.339 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.00 min
Lab File: VD061070.D
Acq: 14 Mar 2019 17:46

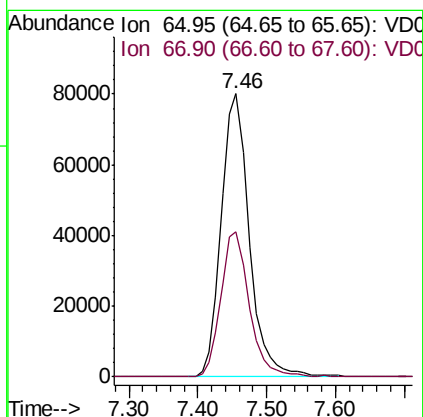
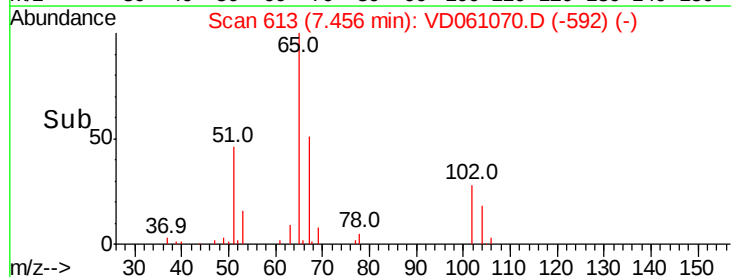
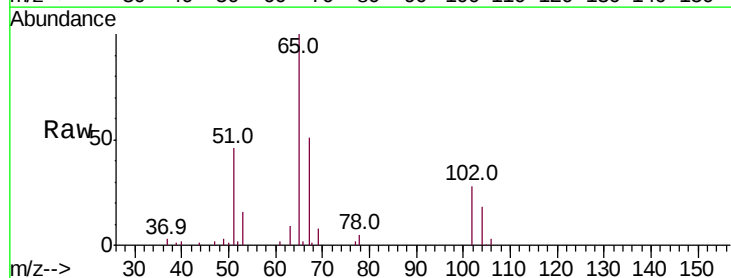
Instrument :
MSVOA_D
ClientSampleId :
SB-4(7-8)

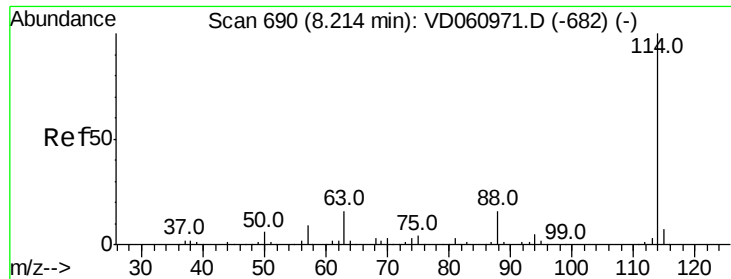
Tot Ion: 84 Resp: 26419
Ion Ratio Lower Upper
84 100
49 117.3 104.2 156.2
51 40.3 32.3 48.5
86 61.8 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD061070.D
Acq: 14 Mar 2019 17:46

Tgt Ion: 65 Resp: 226195
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.2

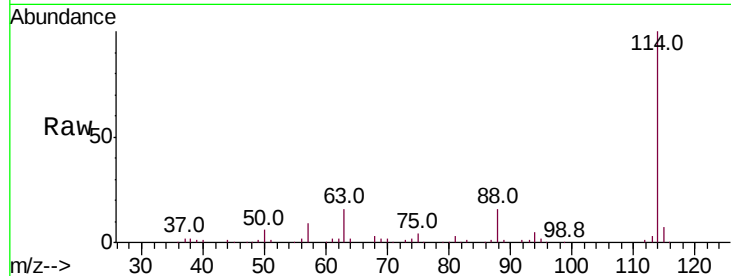




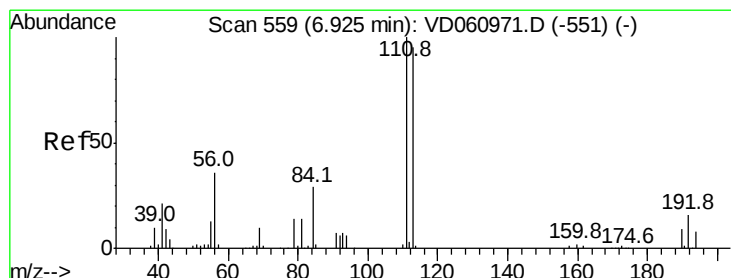
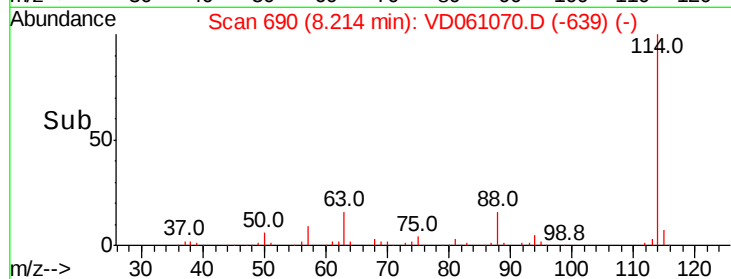
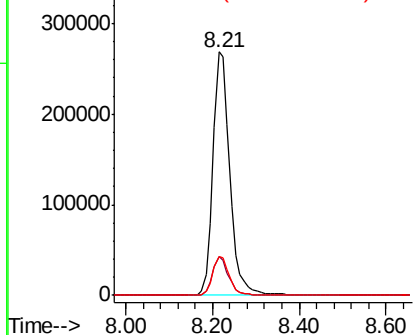
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD061070.D
 Acq: 14 Mar 2019 17:46

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4(7-8)

Tot Ion:114 Resp: 727918
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 31.4
 88 16.0 0.0 33.0

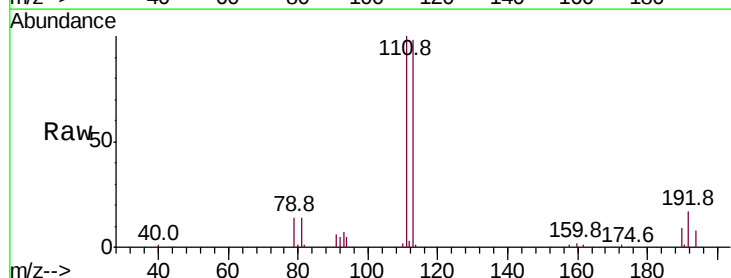


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

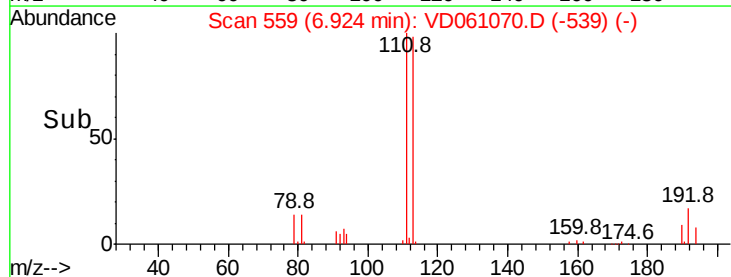
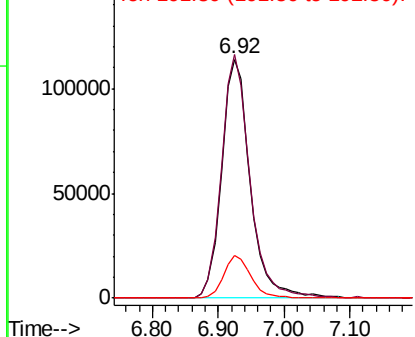


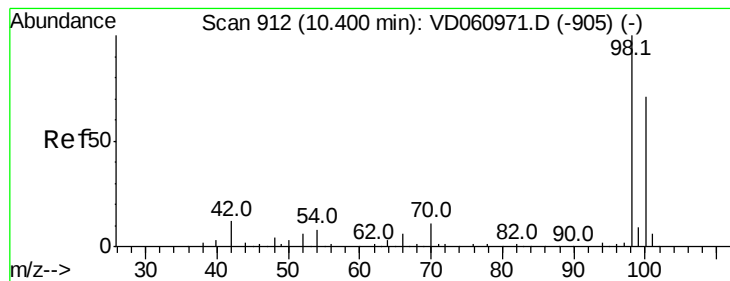
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD061070.D
 Acq: 14 Mar 2019 17:46

Tgt Ion:113 Resp: 345679
 Ion Ratio Lower Upper
 113 100
 111 102.0 84.2 126.4
 192 17.7 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: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD061070.D

Acq: 14 Mar 2019 17:46

Instrument :

MSVOA_D

ClientSampleId :

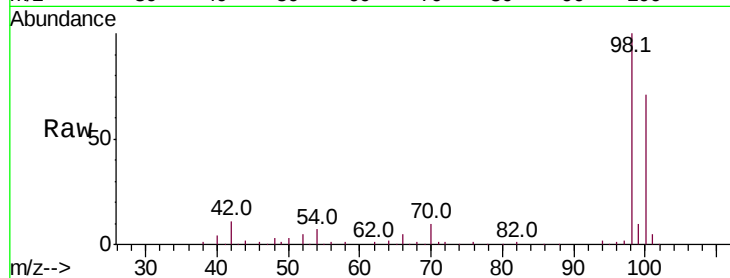
SB-4(7-8)

Tot Ion: 98 Resp: 573629

Ion Ratio Lower Upper

98 100

100 70.7 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) (-)

10.41

250000

200000

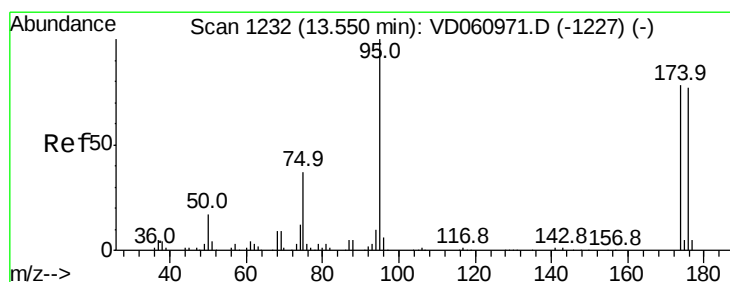
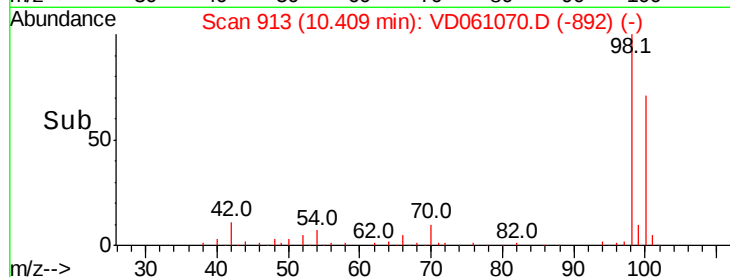
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061070.D

Acq: 14 Mar 2019 17:46

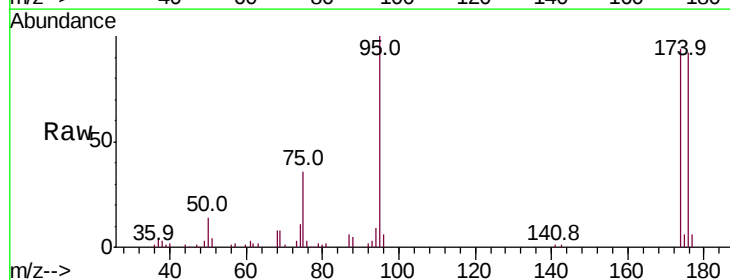
Tgt Ion: 95 Resp: 105064

Ion Ratio Lower Upper

95 100

174 94.1 0.0 155.6

176 91.6 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) (-)

13.56

80000

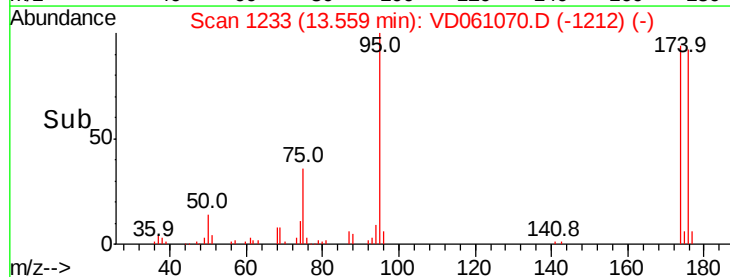
60000

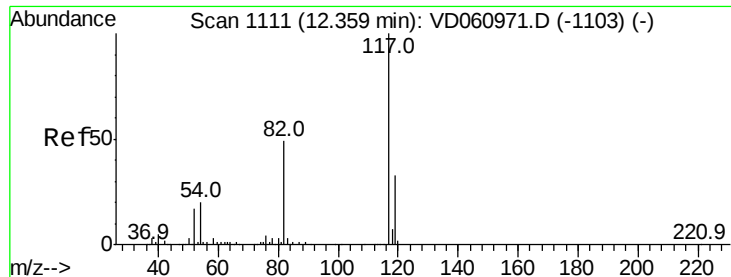
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20000

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Time-->

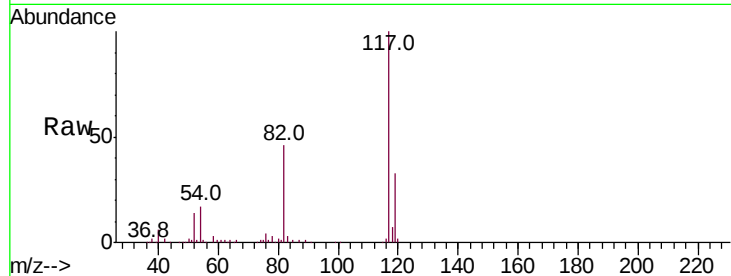




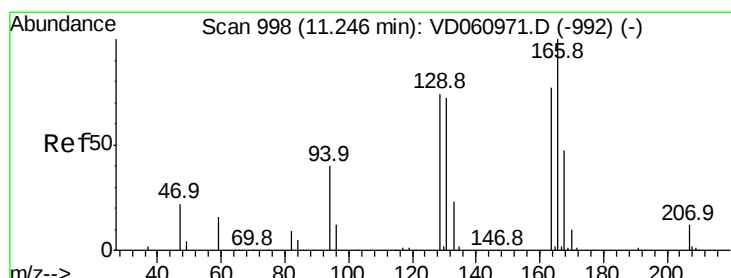
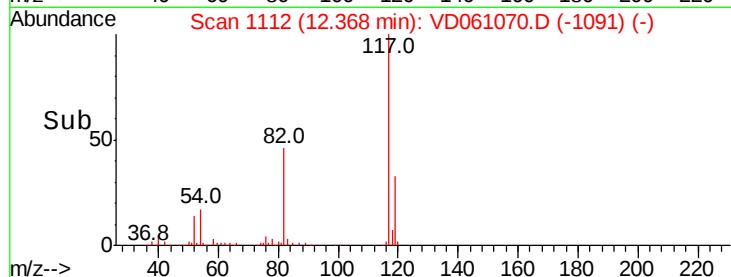
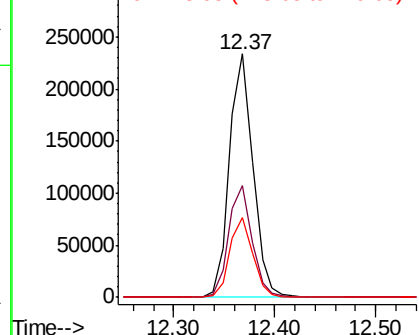
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061070.D
Acq: 14 Mar 2019 17:46

Instrument :
MSVOA_D
ClientSampleId :
SB-4(7-8)

Tot Ion:117 Resp: 379535
Ion Ratio Lower Upper
117 100
82 45.9 38.9 58.3
119 32.6 26.6 39.8

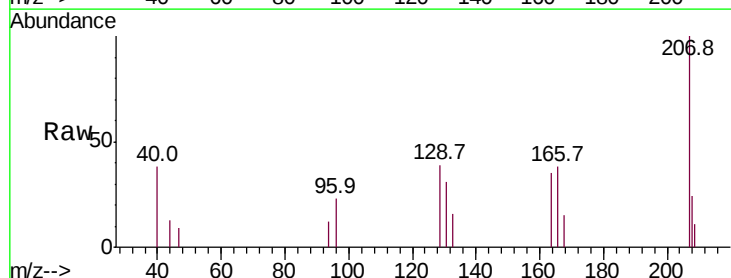


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

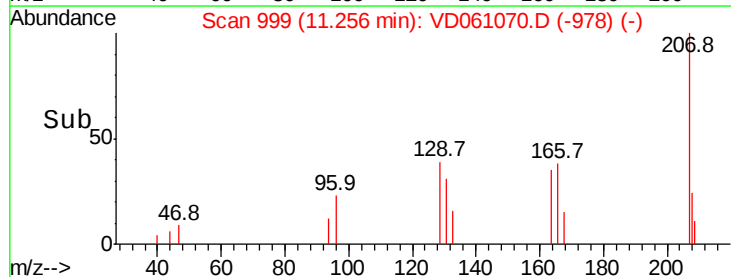
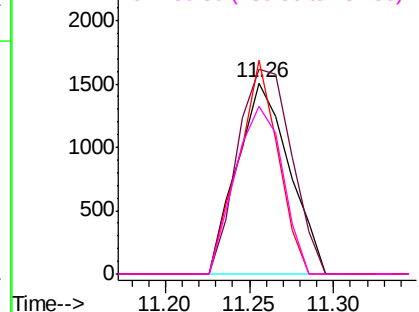


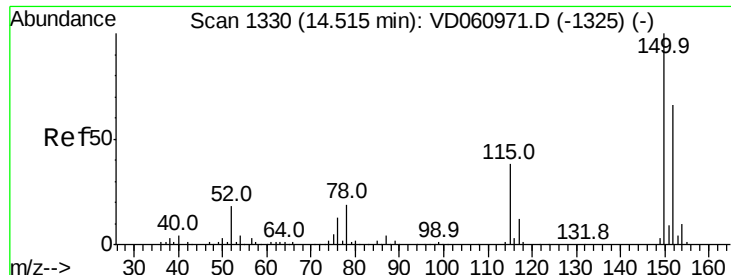
#64
Tetrachloroethene
Concen: 1.258 ug/l
RT: 11.26 min Scan# 999
Delta R.T. 0.01 min
Lab File: VD061070.D
Acq: 14 Mar 2019 17:46

Tgt Ion:164 Resp: 3224
Ion Ratio Lower Upper
164 100
166 107.6 103.4 155.0
129 111.9 76.9 115.3
131 88.1 74.4 111.6



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD061070.D

Acq: 14 Mar 2019 17:46

Instrument :

MSVOA_D

ClientSampleId :

SB-4(7-8)

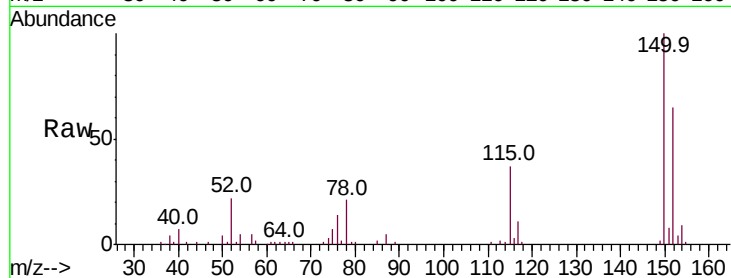
Tot Ion:152 Resp: 65194

Ion Ratio Lower Upper

152 100

115 57.8 28.6 85.9

150 155.0 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

