

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031819\
 Data File : VD061154.D
 Acq On : 18 Mar 2019 19:19
 Operator : VA/AP
 Sample : K1935-11
 Misc : 5.66g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7(9-10)

Quant Time: Mar 19 04:28:11 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

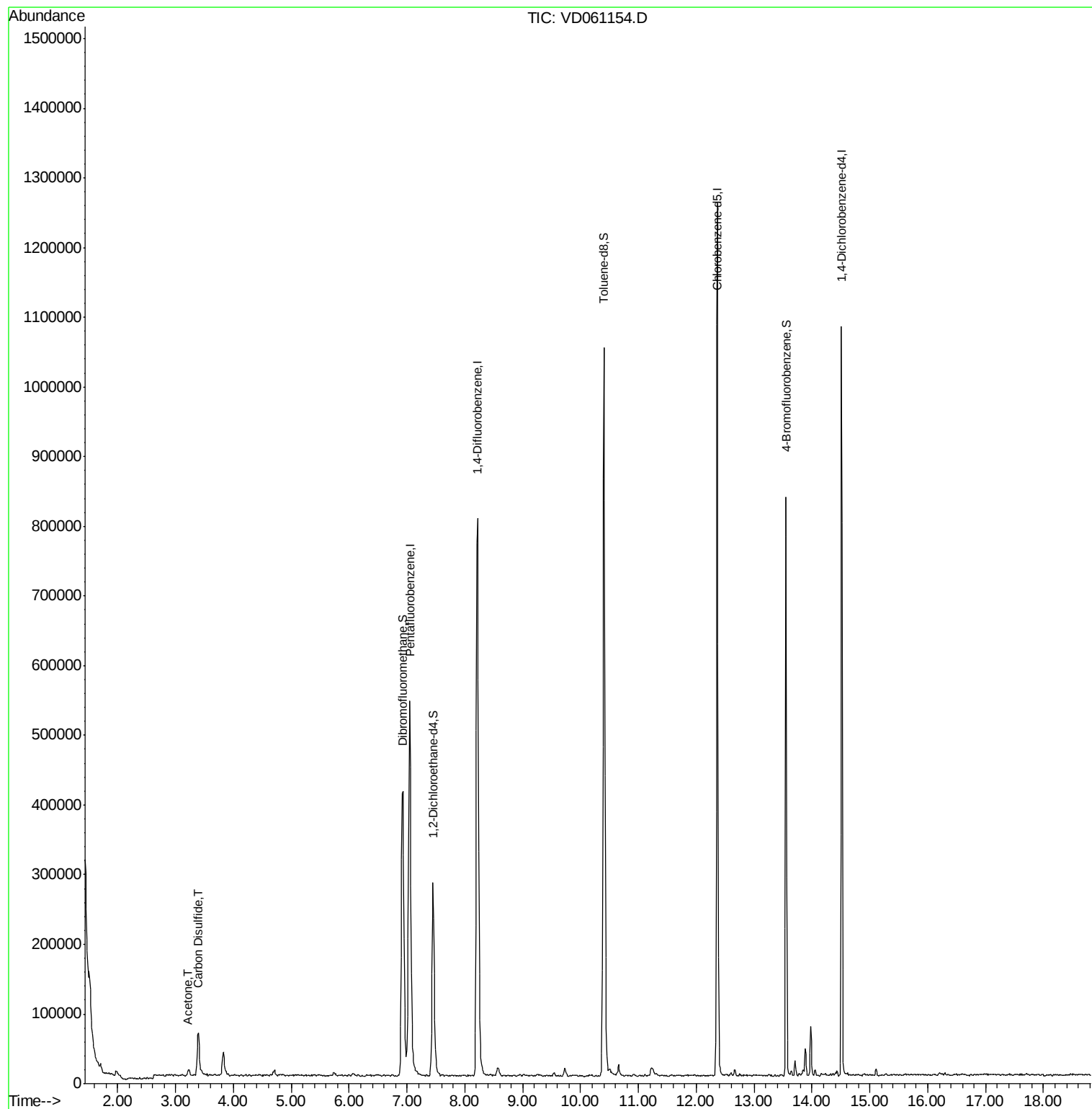
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	594547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1052260	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	814001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	256993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	268427	54.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.48%	
35) Dibromofluoromethane	6.92	113	425321	54.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.92%	
50) Toluene-d8	10.40	98	950241	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	13.54	95	289343	38.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.06%	
Target Compounds						
16) Acetone	3.23	43	17116	12.095	ug/l	99
17) Carbon Disulfide	3.40	76	133933	6.653	ug/l	98

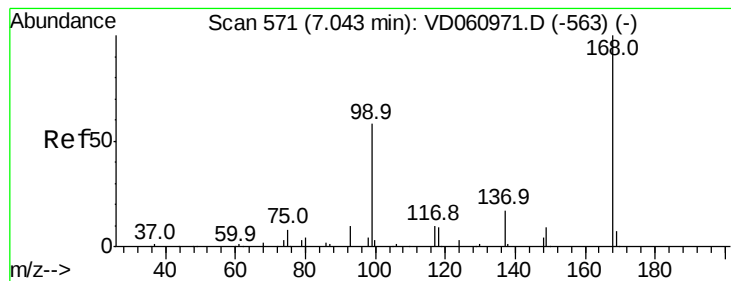
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.05 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD061154.D

Acq: 18 Mar 2019 19:19

Instrument :

MSVOA_D

ClientSampleId :

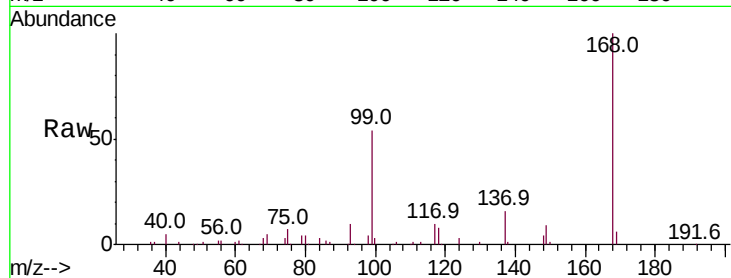
SB-7(9-10)

Tot Ion:168 Resp: 594547

Ion Ratio Lower Upper

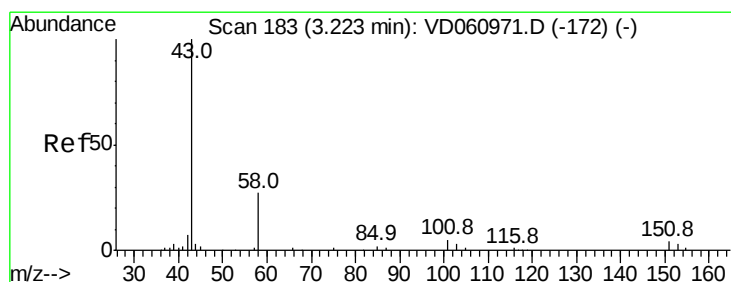
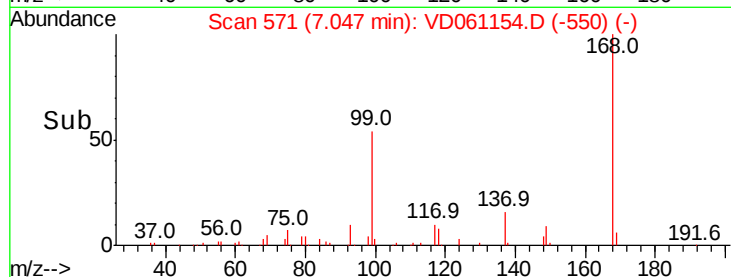
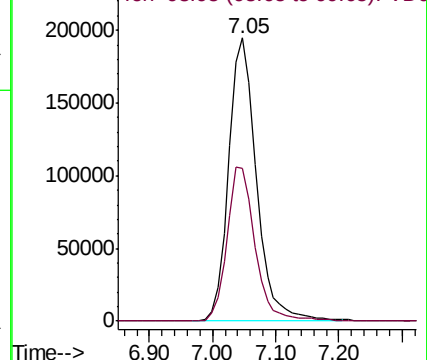
168 100

99 54.1 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: 12.095 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD061154.D

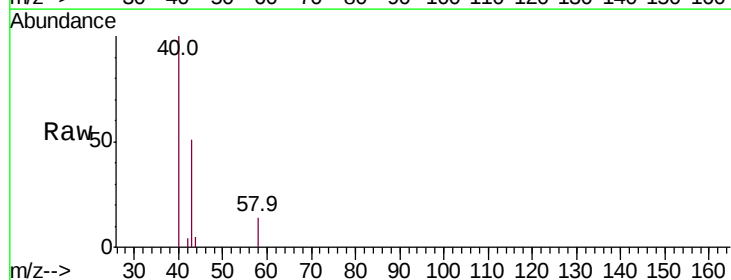
Acq: 18 Mar 2019 19:19

Tgt Ion: 43 Resp: 17116

Ion Ratio Lower Upper

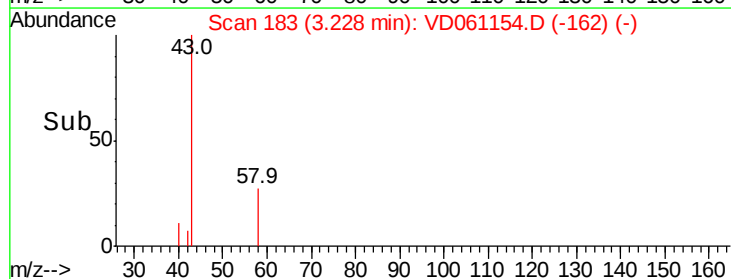
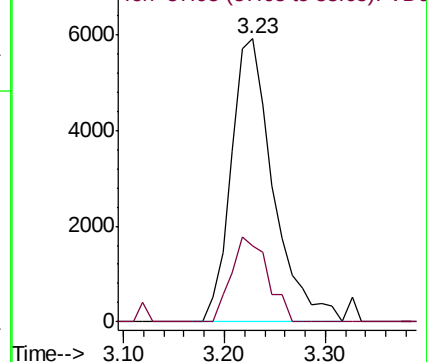
43 100

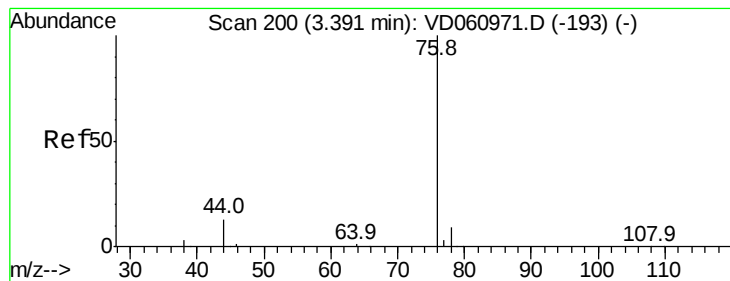
58 26.6 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 6.653 ug/l

RT: 3.40 min Scan# 200

Delta R.T. 0.00 min

Lab File: VD061154.D

Acq: 18 Mar 2019 19:19

Instrument :

MSVOA_D

ClientSampleId :

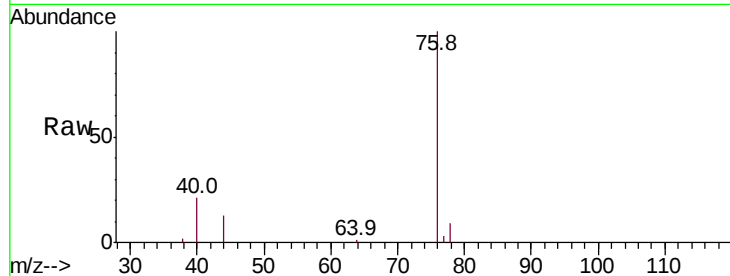
SB-7(9-10)

Tot Ion: 76 Resp: 133933

Ion Ratio Lower Upper

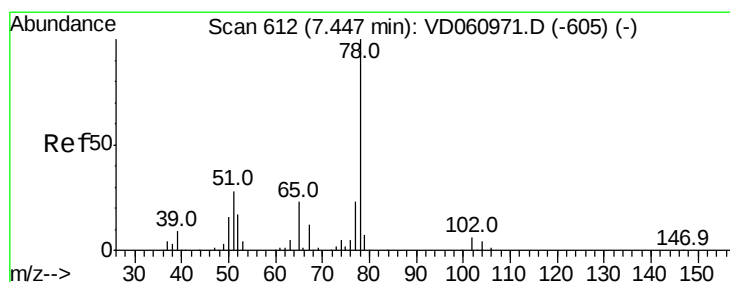
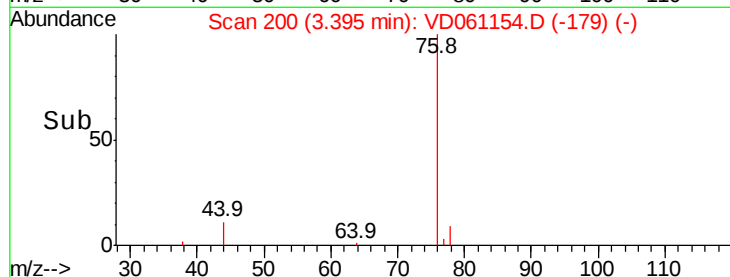
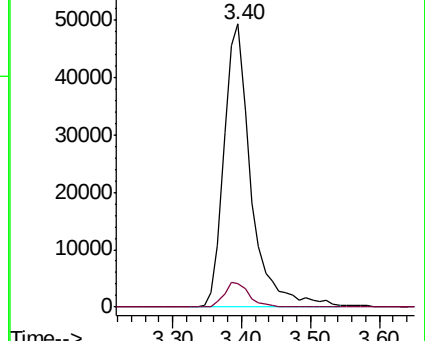
76 100

78 8.5 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD061154.D

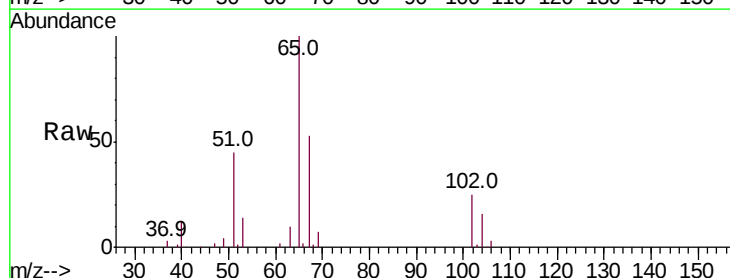
Acq: 18 Mar 2019 19:19

Tgt Ion: 65 Resp: 268427

Ion Ratio Lower Upper

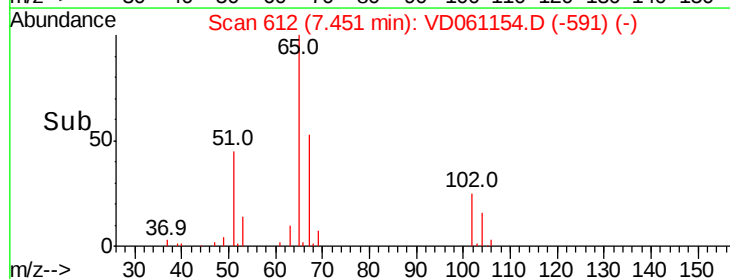
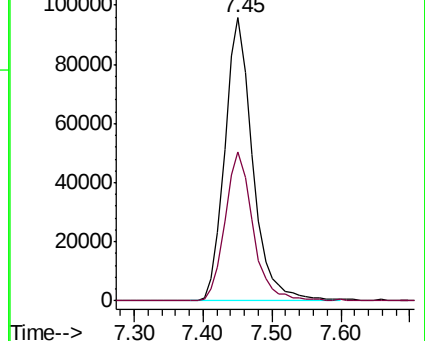
65 100

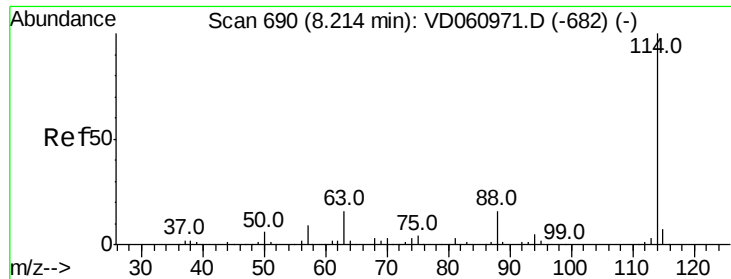
67 52.7 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

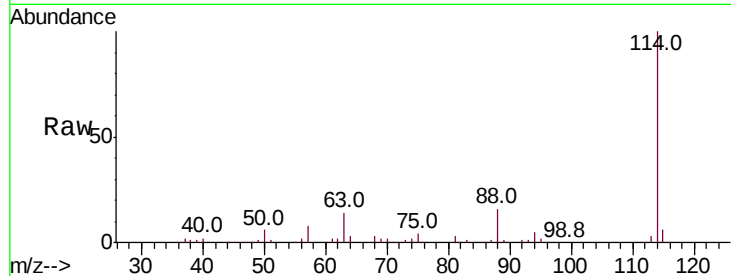




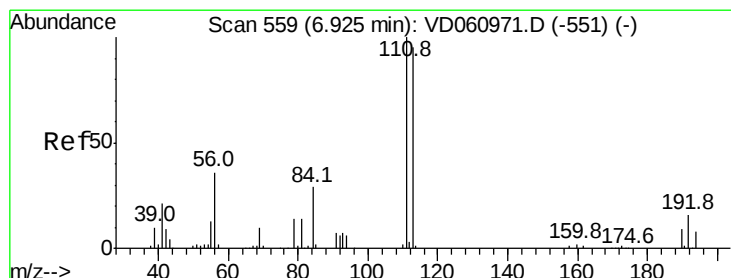
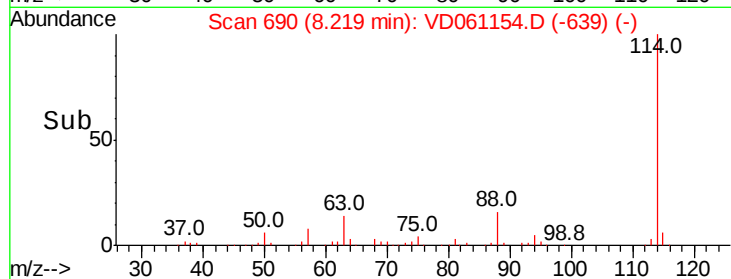
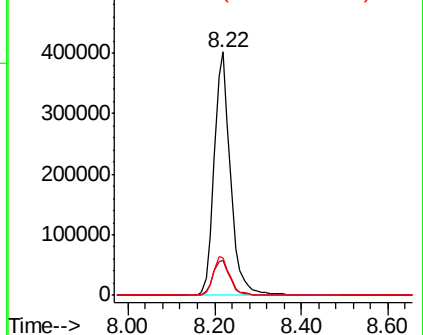
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD061154.D
 Acq: 18 Mar 2019 19:19

Instrument :
 MSVOA_D
 ClientSampleID :
 SB-7(9-10)

Tot Ion:114 Resp: 1052260
 Ion Ratio Lower Upper
 114 100
 63 14.2 0.0 31.4
 88 15.5 0.0 33.0

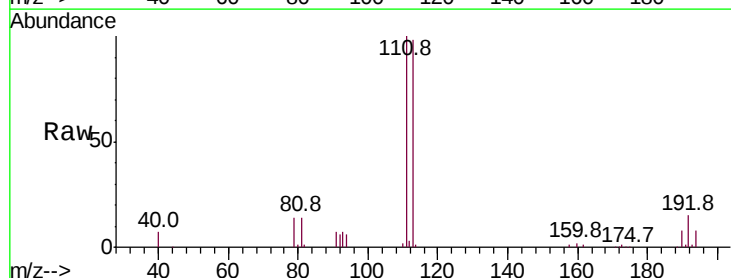


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

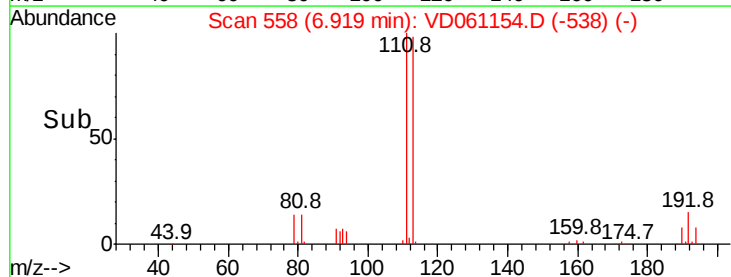
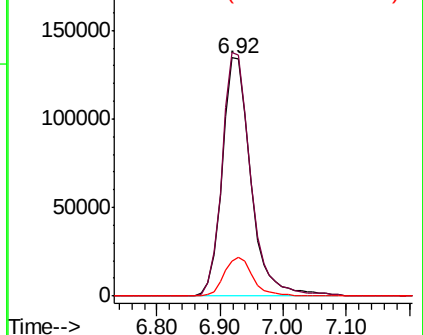


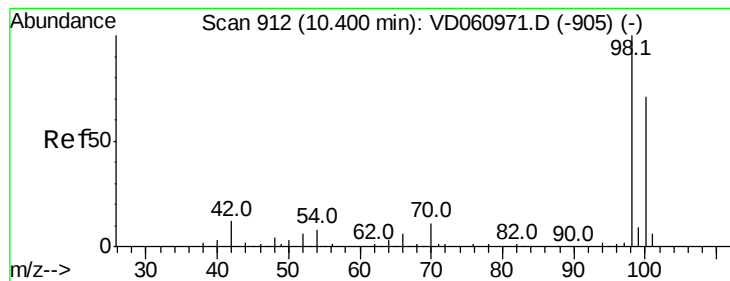
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061154.D
 Acq: 18 Mar 2019 19:19

Tgt Ion:113 Resp: 425321
 Ion Ratio Lower Upper
 113 100
 111 102.1 84.2 126.4
 192 14.9 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: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD061154.D

Acq: 18 Mar 2019 19:19

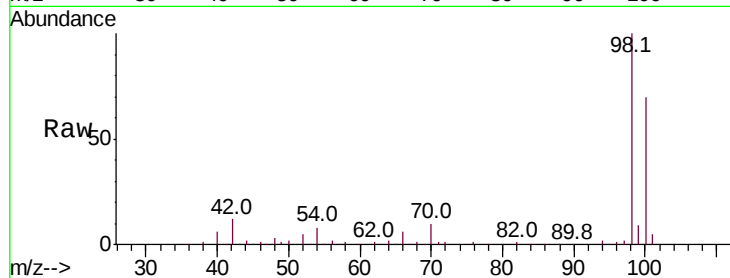
Instrument :
MSVOA_D
ClientSampleId :
SB-7(9-10)

Tot Ion: 98 Resp: 950241

Ion Ratio Lower Upper

98 100

100 69.9 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

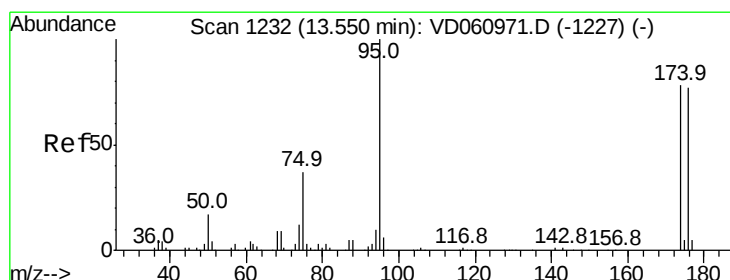
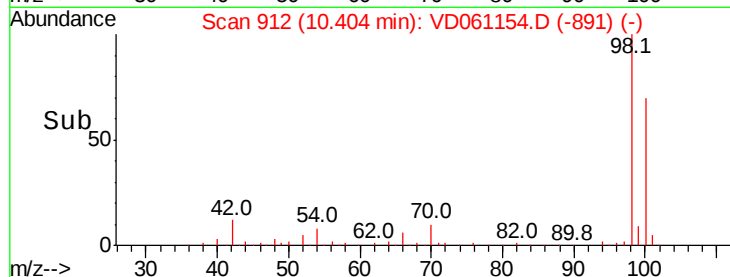
100000

0

10.40

10.60

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD061154.D

Acq: 18 Mar 2019 19:19

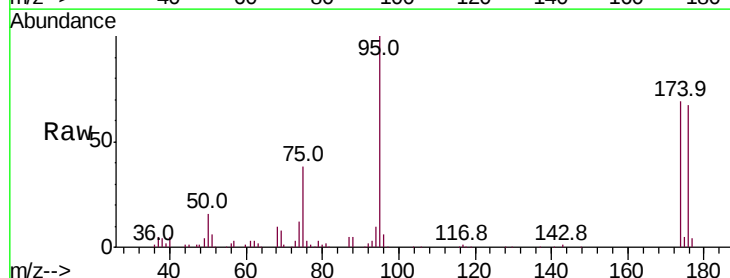
Tgt Ion: 95 Resp: 289343

Ion Ratio Lower Upper

95 100

174 68.7 0.0 155.6

176 66.7 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) (-)

250000

200000

150000

100000

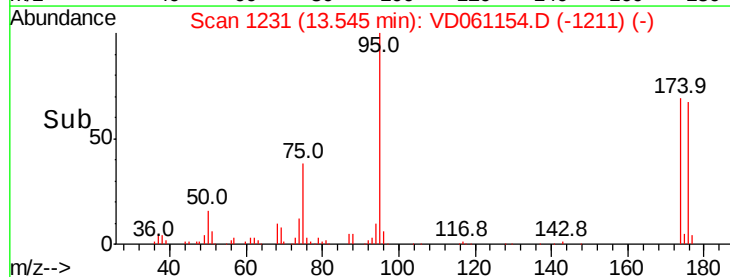
50000

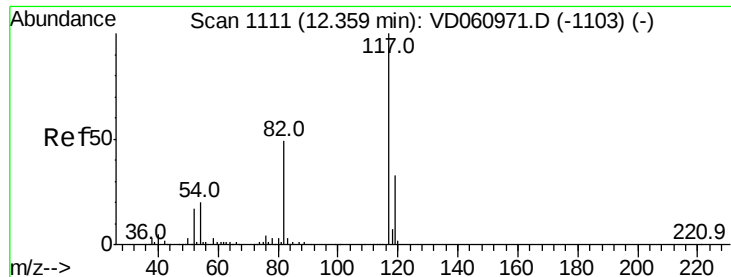
0

13.54

13.60

Time-->

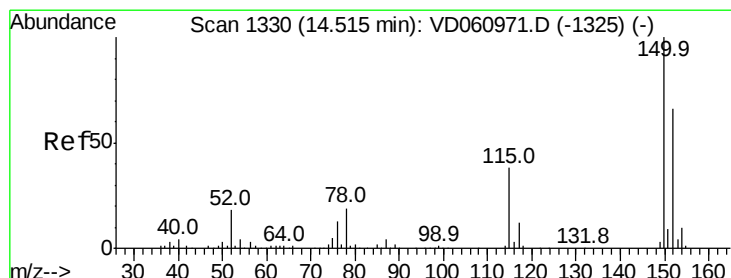
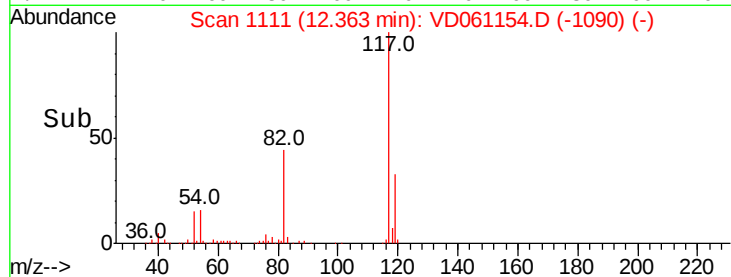
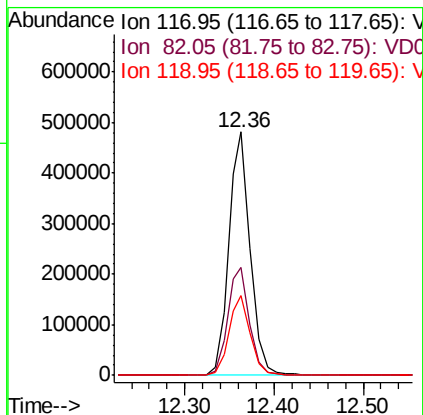
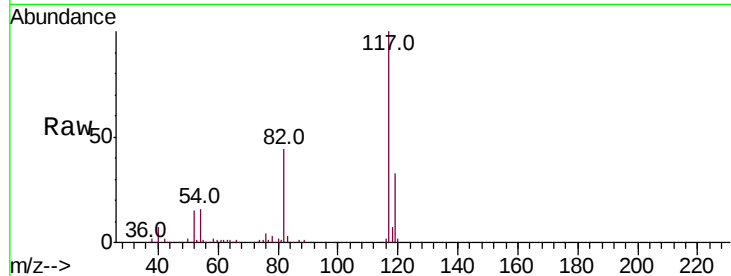




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061154.D
Acq: 18 Mar 2019 19:19

Instrument :
MSVOA_D
ClientSampleId :
SB-7(9-10)

Tot Ion:117 Resp: 814001
Ion Ratio Lower Upper
117 100
82 44.3 38.9 58.3
119 32.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061154.D
Acq: 18 Mar 2019 19:19

Tgt Ion:152 Resp: 256993
Ion Ratio Lower Upper
152 100
115 61.2 28.6 85.9
150 155.8 0.0 310.6

