

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061219\
 Data File : VD062670.D
 Acq On : 12 Jun 2019 13:22
 Operator : VA/AP
 Sample : K3274-01RE
 Misc : 4.52g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-11 0.5-1.0 060719RE

Quant Time: Jun 13 07:40:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	579654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	780986	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	506115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	188123	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	328107	39.23	ug/l	-0.01
Spiked Amount			Recovery	=	78.46%	
35) Dibromofluoromethane	6.91	113	340032	41.28	ug/l	0.00
Spiked Amount			Recovery	=	82.56%	
50) Toluene-d8	10.40	98	575186	33.20	ug/l	-0.01
Spiked Amount			Recovery	=	66.40%	
62) 4-Bromofluorobenzene	13.55	95	200936	24.86	ug/l	0.00
Spiked Amount			Recovery	=	49.72%	

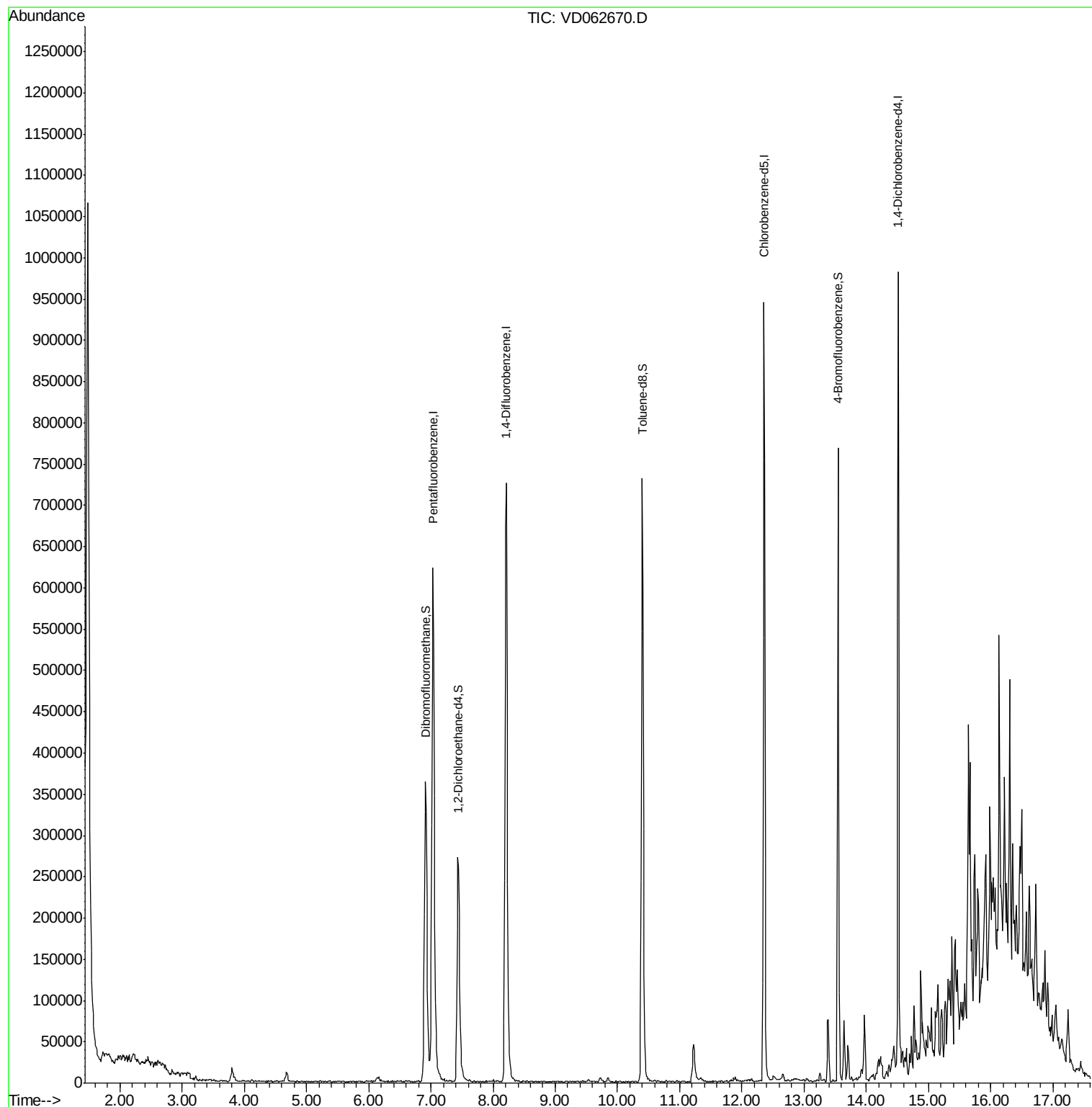
Target Compounds	Qvalue
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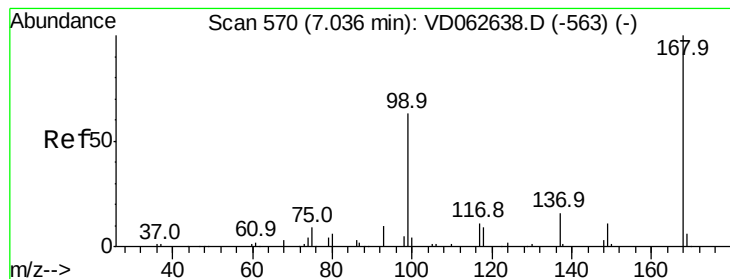
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.00 min

Lab File: VD062670.D

Acq: 12 Jun 2019 13:22

Instrument :

MSVOA_D

ClientSampleId :

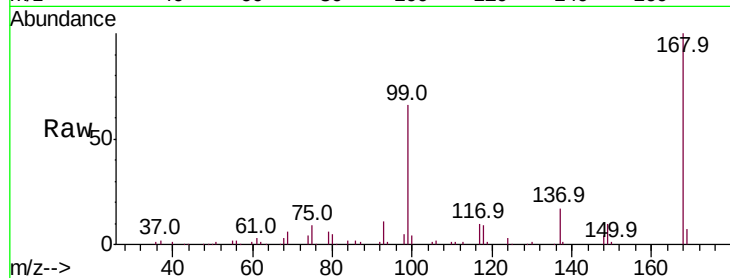
SB-11 0.5-1.0 060719RE

Tot Ion:168 Resp: 579654

Ion Ratio Lower Upper

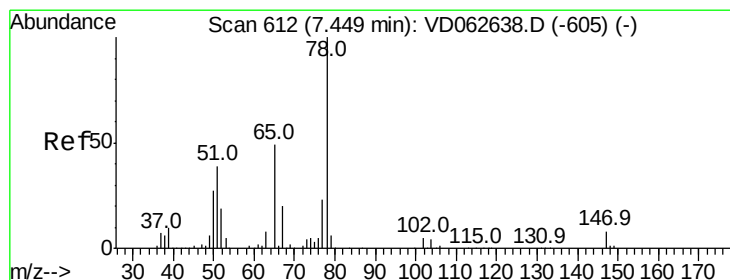
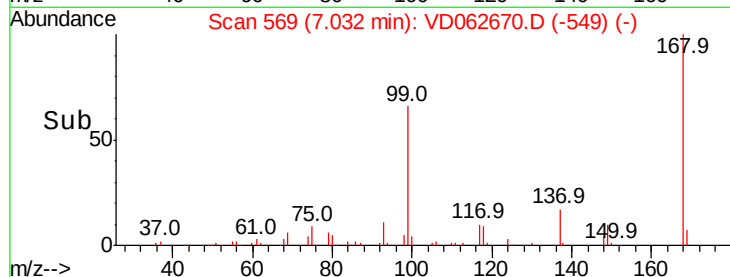
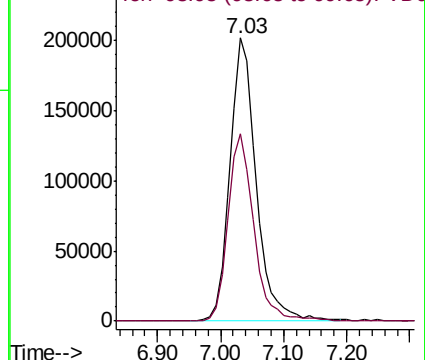
168 100

99 66.1 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 39.227 ug/l

RT: 7.44 min Scan# 610

Delta R.T. -0.01 min

Lab File: VD062670.D

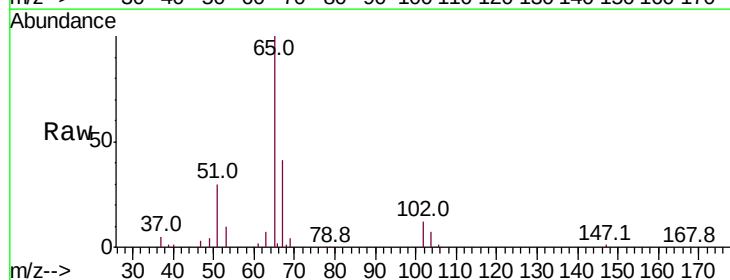
Acq: 12 Jun 2019 13:22

Tgt Ion: 65 Resp: 328107

Ion Ratio Lower Upper

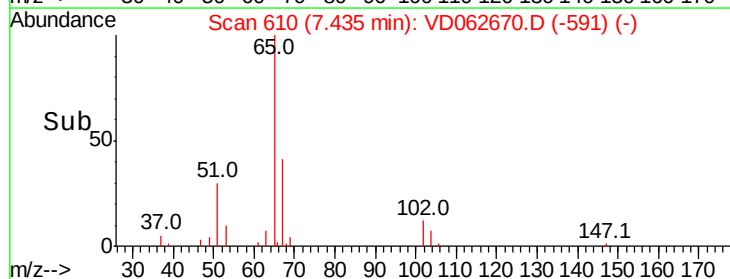
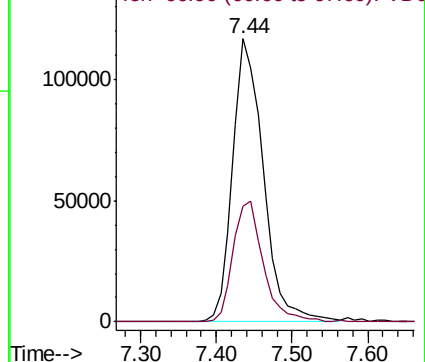
65 100

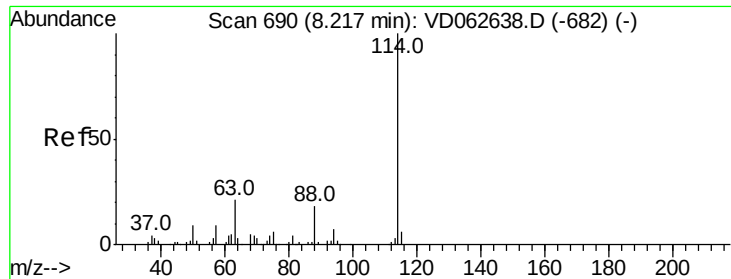
67 41.0 0.0 81.8



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. -0.00 min

Lab File: VD062670.D

Acq: 12 Jun 2019 13:22

Instrument :

MSVOA_D

ClientSampleId :

SB-11 0.5-1.0 060719RE

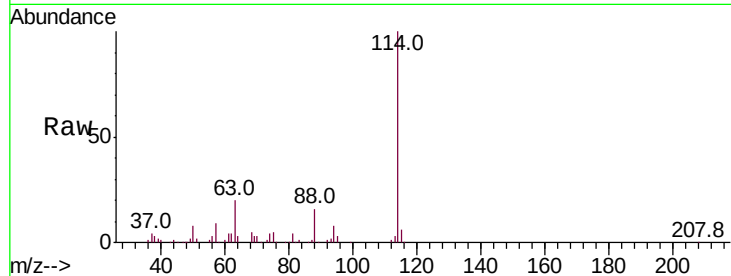
Tot Ion:114 Resp: 780986

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

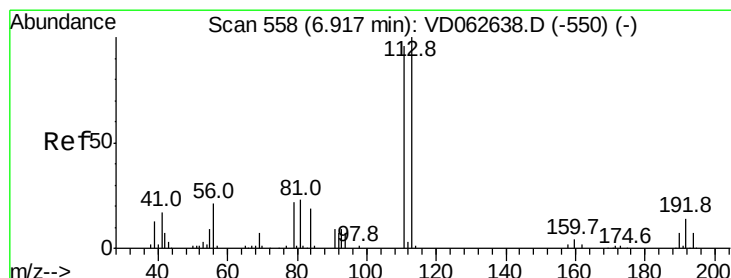
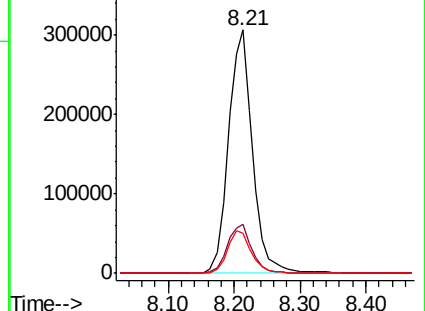
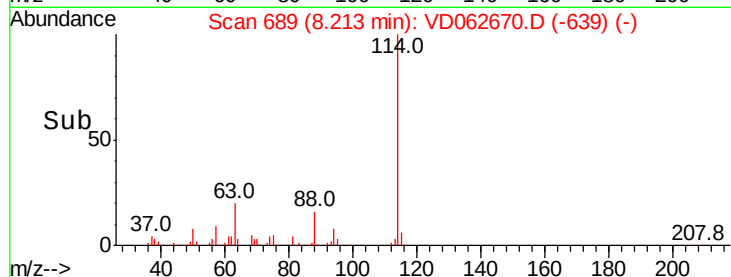
88 16.2 0.0 36.8



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: 41.283 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.00 min

Lab File: VD062670.D

Acq: 12 Jun 2019 13:22

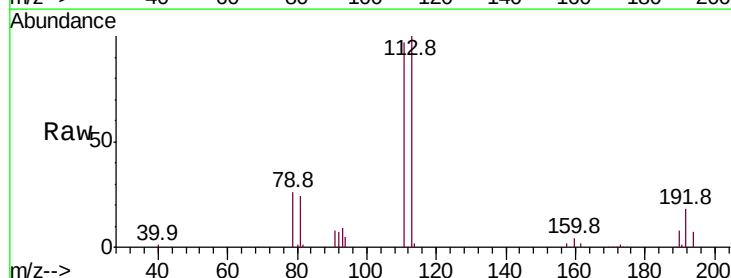
Tgt Ion:113 Resp: 340032

Ion Ratio Lower Upper

113 100

111 97.5 76.4 114.6

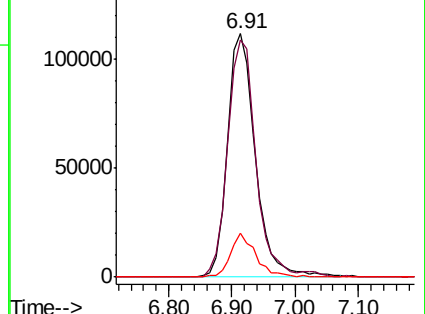
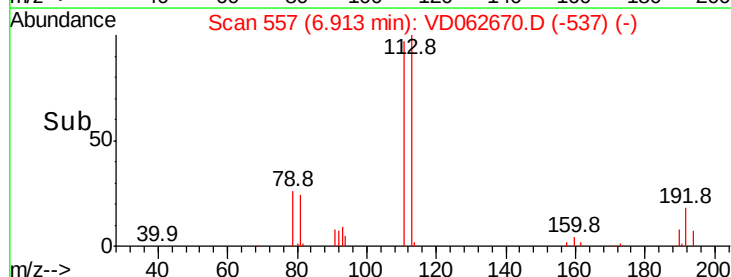
192 17.9 11.4 17.0#

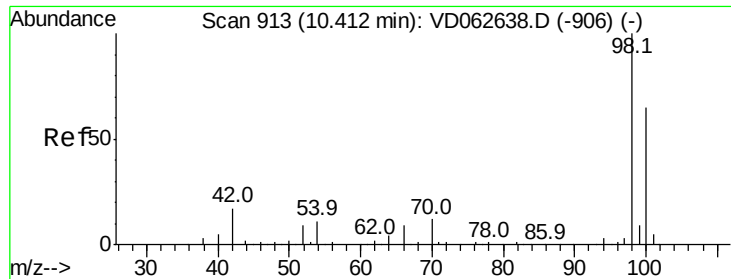


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

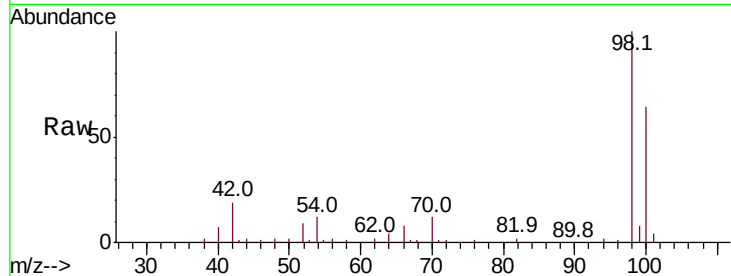




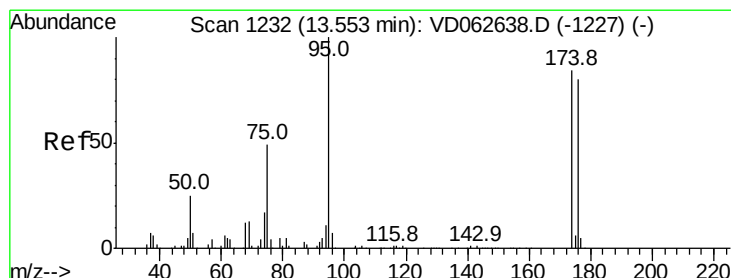
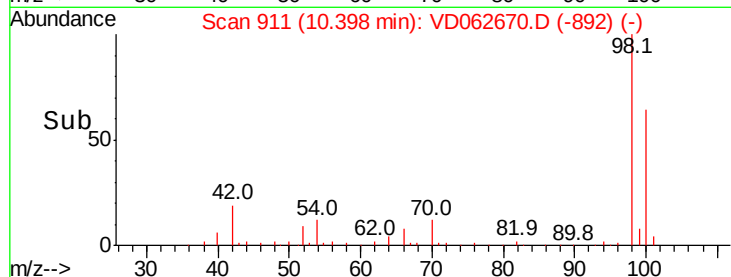
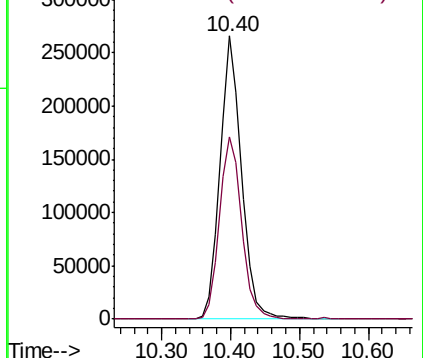
#50
Toluene-d8
Concen: 33.196 ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD062670.D
Acq: 12 Jun 2019 13:22

Instrument :
MSVOA_D
ClientSampleId :
SB-11 0.5-1.0_060719RE

Tot Ion: 98 Resp: 575186
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1

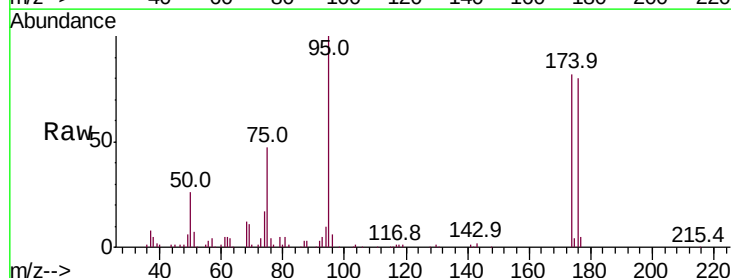


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

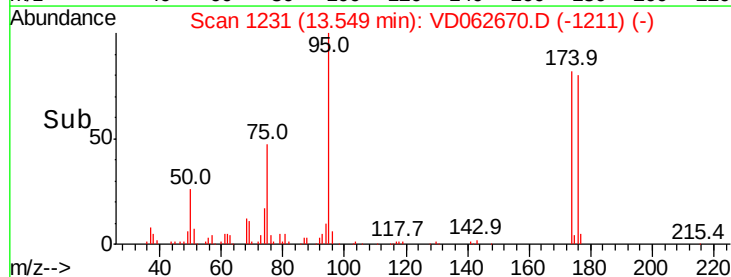
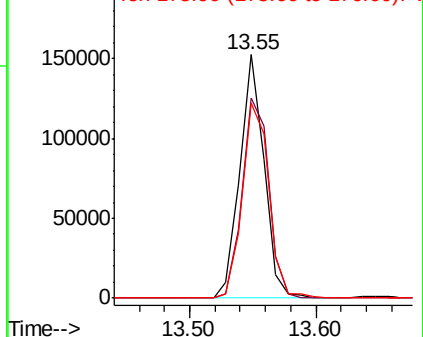


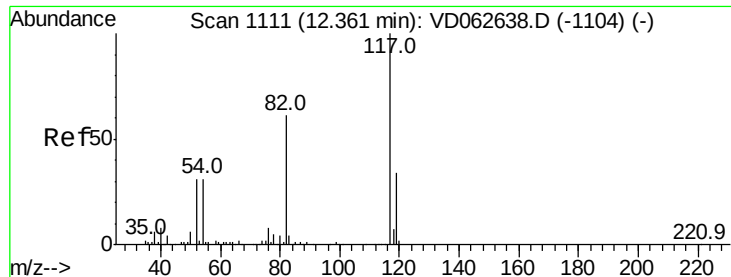
#62
4-Bromofluorobenzene
Concen: 24.857 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD062670.D
Acq: 12 Jun 2019 13:22

Tgt Ion: 95 Resp: 200936
Ion Ratio Lower Upper
95 100
174 82.0 0.0 167.0
176 79.9 0.0 159.2



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

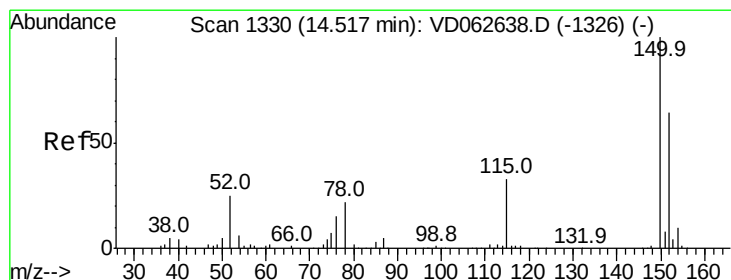
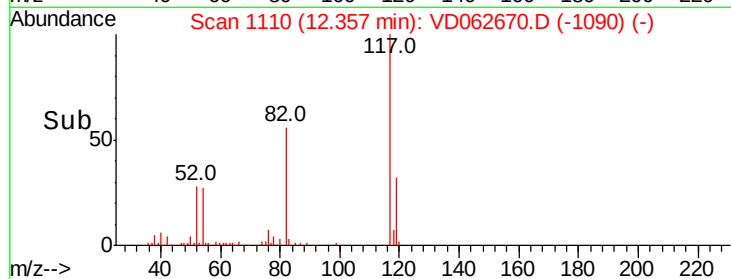
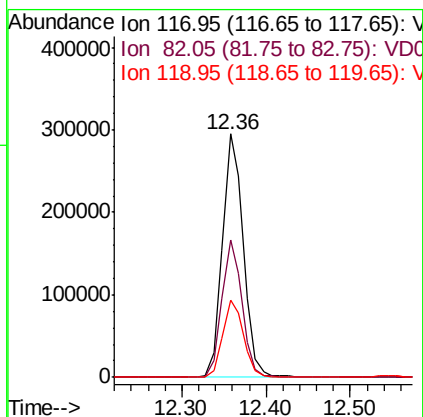
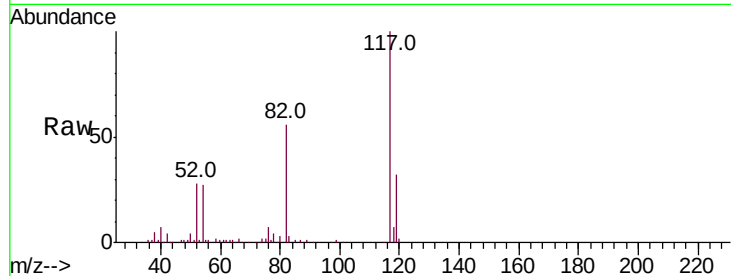




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD062670.D
Acq: 12 Jun 2019 13:22

Instrument :
MSVOA_D
ClientSampleId :
SB-11 0.5-1.0_060719RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	48.7	73.1
119	31.6	27.0	40.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD062670.D
Acq: 12 Jun 2019 13:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	30.1	90.5
150	160.1	0.0	314.0

