

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061319\
 Data File : VD062693.D
 Acq On : 13 Jun 2019 14:45
 Operator : VA/AP
 Sample : K3351-03
 Misc : 6.15g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3425

Quant Time: Jun 14 07:07:45 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

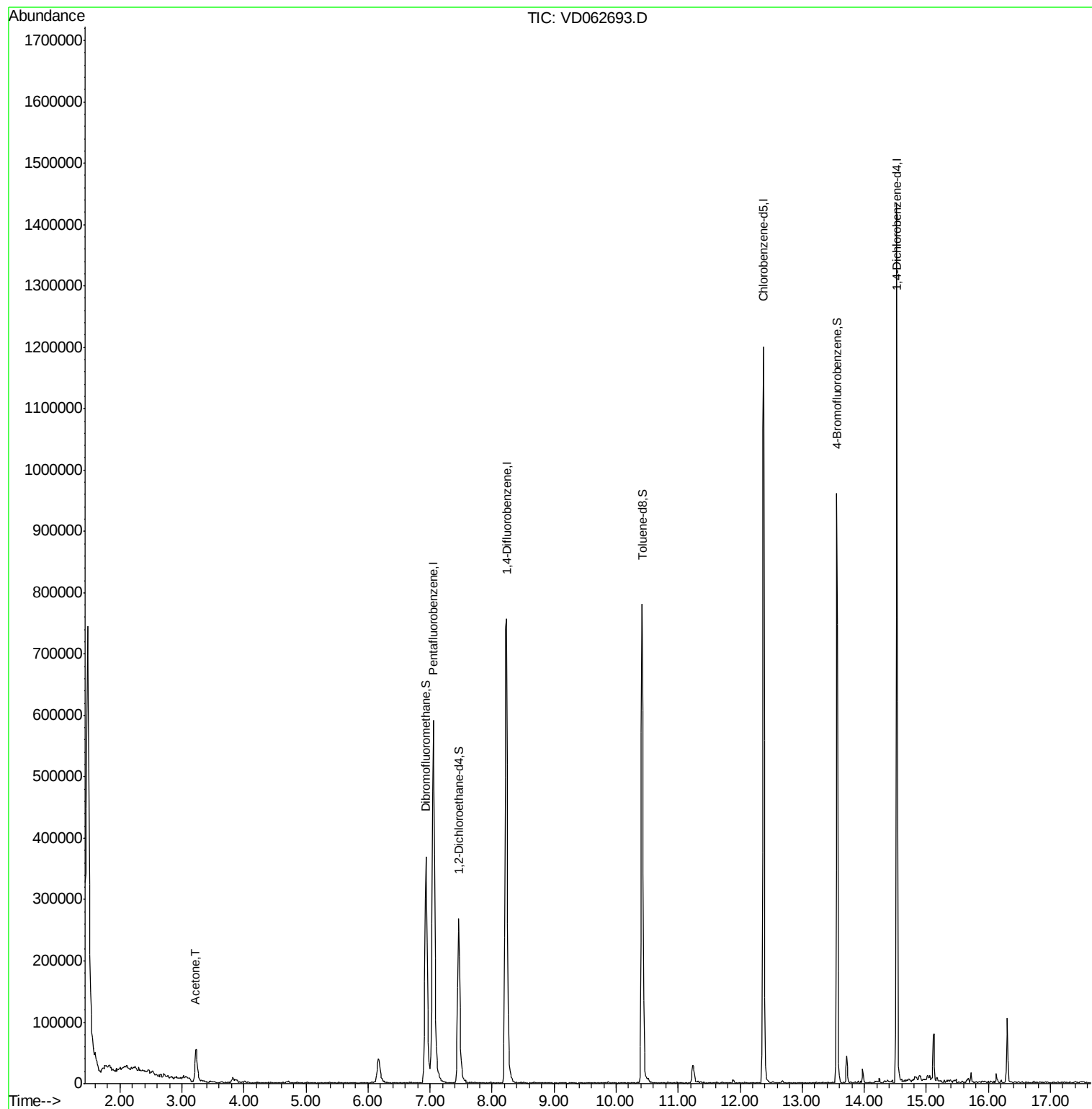
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	551350	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	829933	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	648412	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	288289	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	312179	39.24	ug/l	0.02
Spiked Amount 50.000			Recovery	=	78.48%	
35) Dibromofluoromethane	6.93	113	319971	36.56	ug/l	0.02
Spiked Amount 50.000			Recovery	=	73.12%	
50) Toluene-d8	10.42	98	593113	32.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.42%	
62) 4-Bromofluorobenzene	13.56	95	272833	31.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.52%	
Target Compounds						
16) Acetone	3.22	43	110558	75.888	ug/l	Qvalue 98

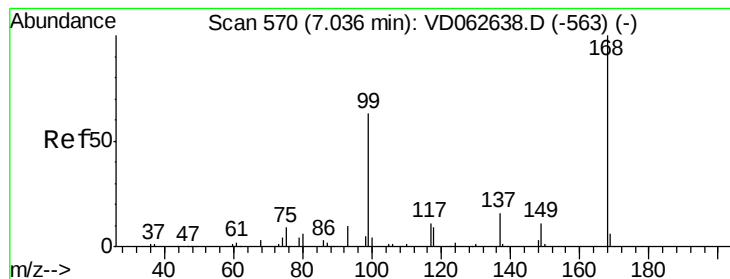
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062693.D

Acq: 13 Jun 2019 14:45

Instrument :

MSVOA_D

ClientSampleId :

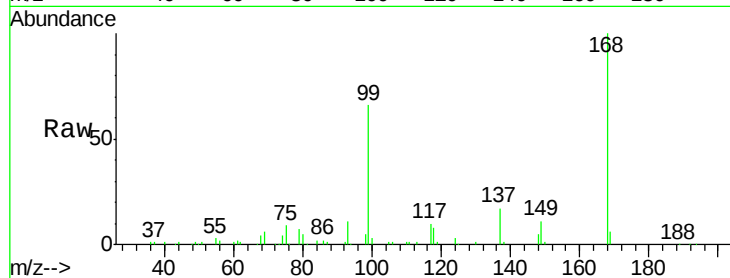
RT-3425

Tot Ion:168 Resp: 551350

Ion Ratio Lower Upper

168 100

99 65.8 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

200000

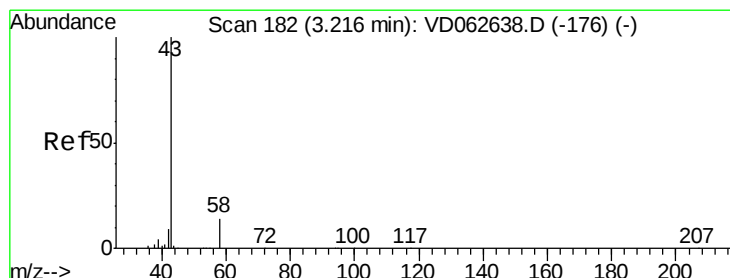
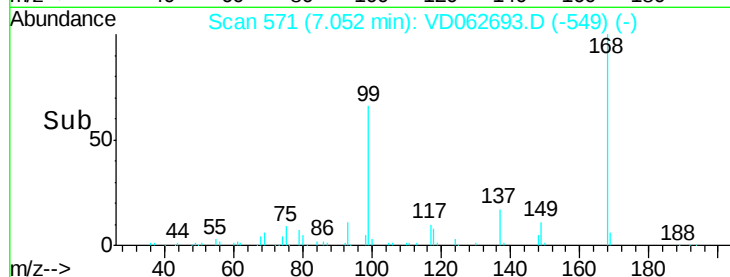
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 75.888 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD062693.D

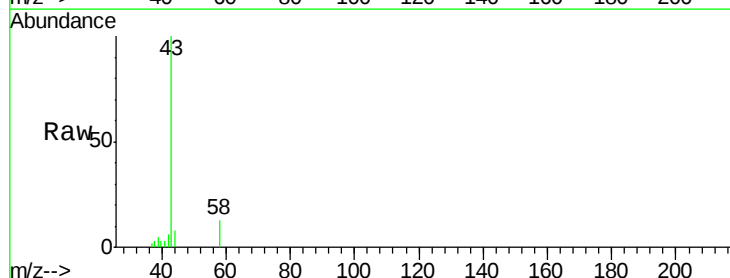
Acq: 13 Jun 2019 14:45

Tgt Ion: 43 Resp: 110558

Ion Ratio Lower Upper

43 100

58 12.7 10.8 16.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

40000

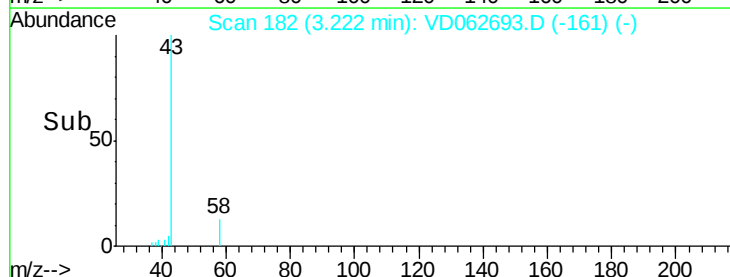
30000

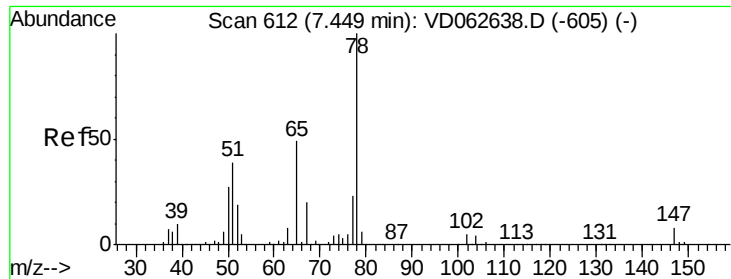
20000

10000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 39.239 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.02 min

Lab File: VD062693.D

Acq: 13 Jun 2019 14:45

Instrument :

MSVOA_D

ClientSampleId :

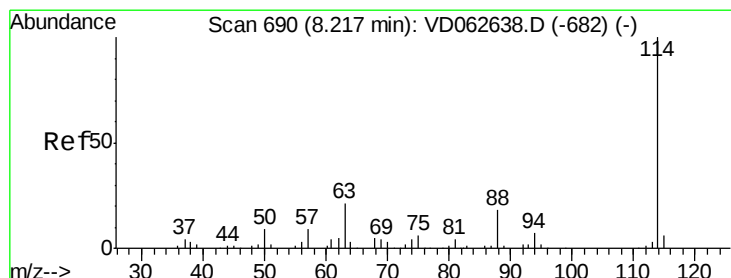
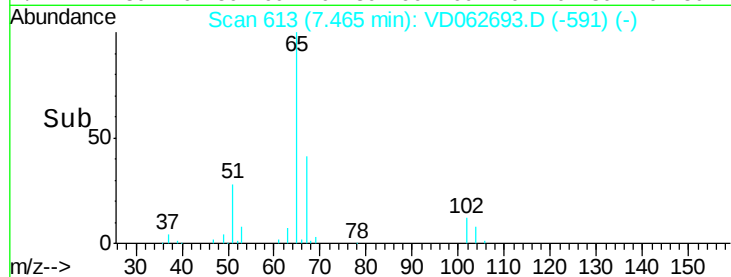
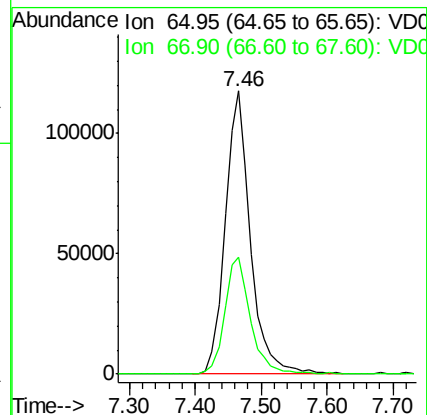
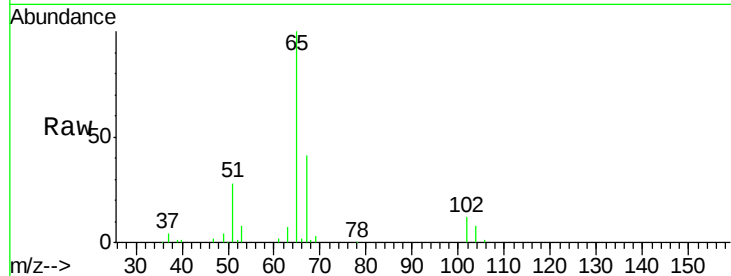
RT-3425

Tot Ion: 65 Resp: 312179

Ion Ratio Lower Upper

65 100

67 41.2 0.0 81.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.02 min

Lab File: VD062693.D

Acq: 13 Jun 2019 14:45

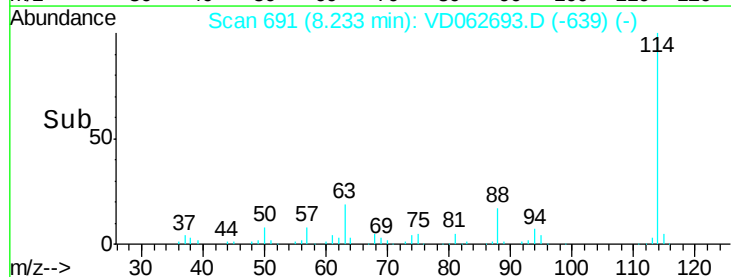
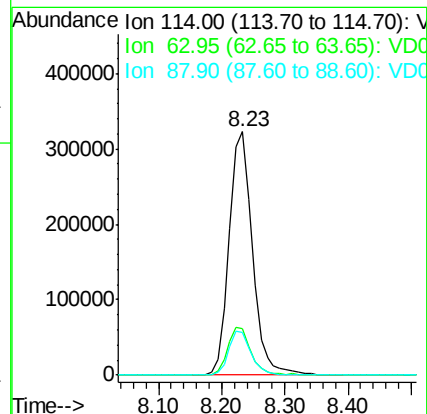
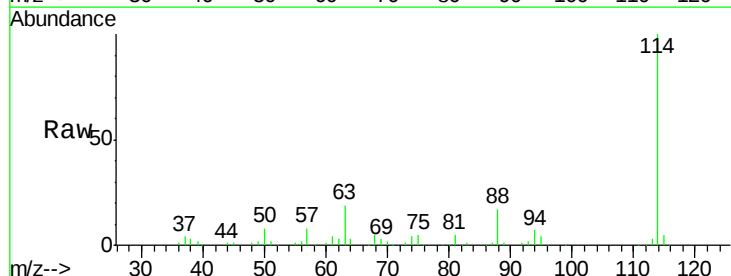
Tgt Ion: 114 Resp: 829933

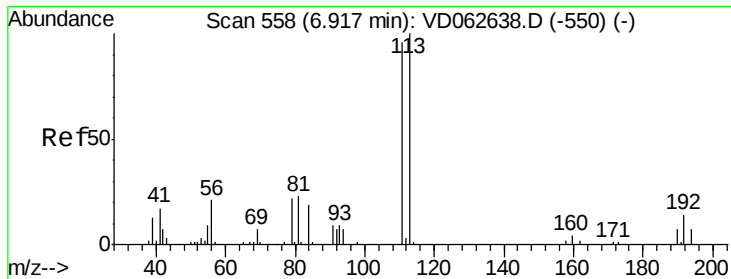
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 17.5 0.0 36.8

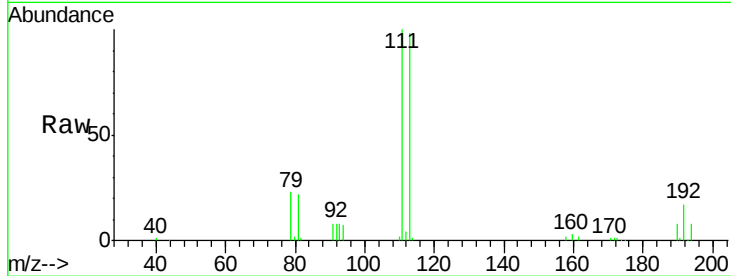




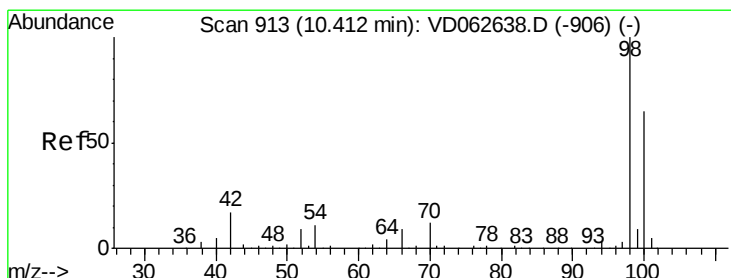
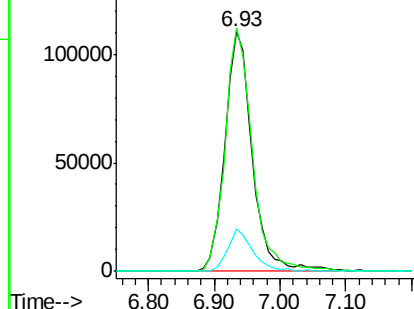
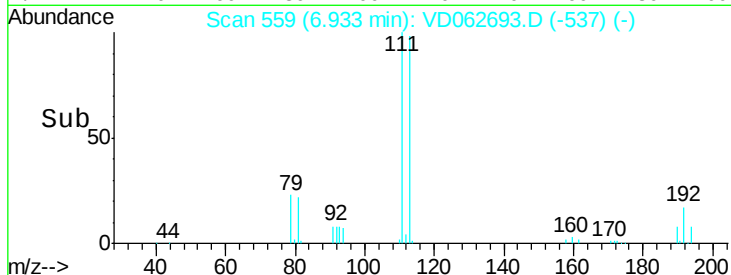
#35
Dibromofluoromethane
Concen: 36.557 ug/l
RT: 6.93 min Scan# 559
Delta R.T. 0.02 min
Lab File: VD062693.D
Acq: 13 Jun 2019 14:45

Instrument :
MSVOA_D
ClientSampleId :
RT-3425

Tot Ion:113 Resp: 319971
Ion Ratio Lower Upper
113 100
111 101.7 76.4 114.6
192 17.6 11.4 17.0#

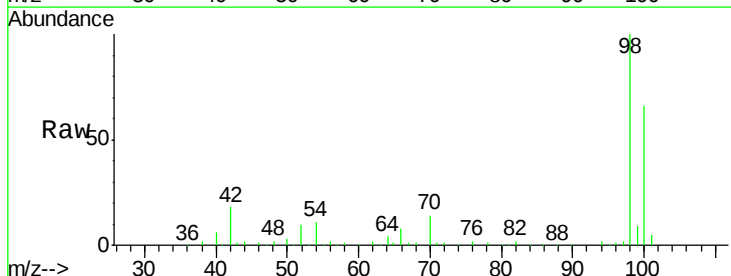


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

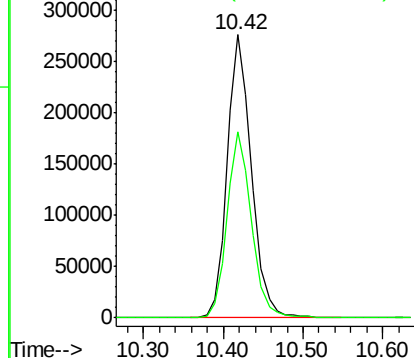
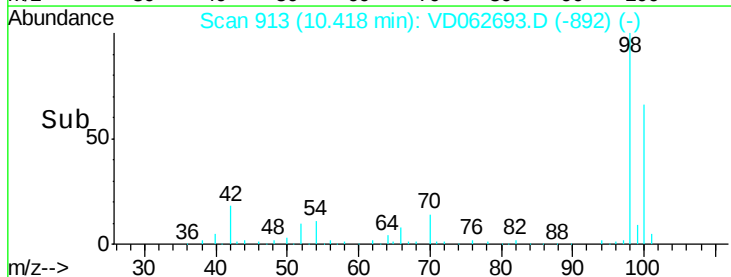


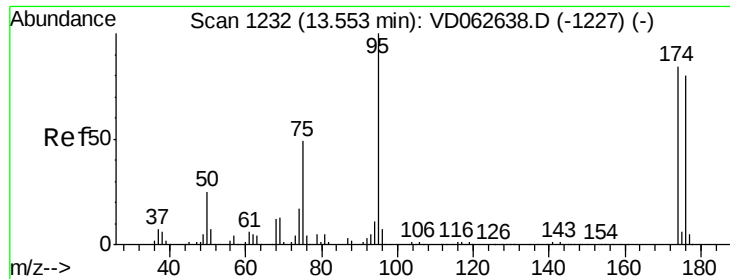
#50
Toluene-d8
Concen: 32.212 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD062693.D
Acq: 13 Jun 2019 14:45

Tgt Ion: 98 Resp: 593113
Ion Ratio Lower Upper
98 100
100 65.8 52.1 78.1



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

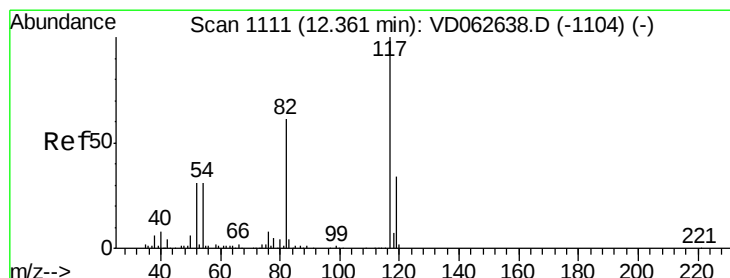
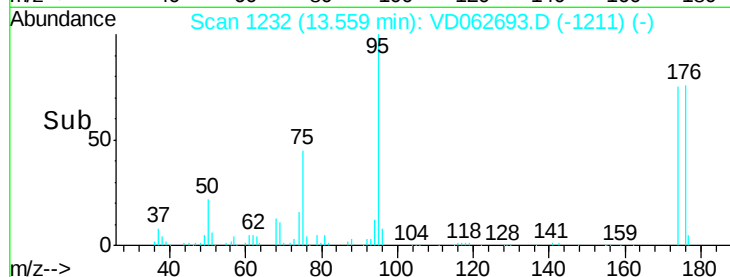
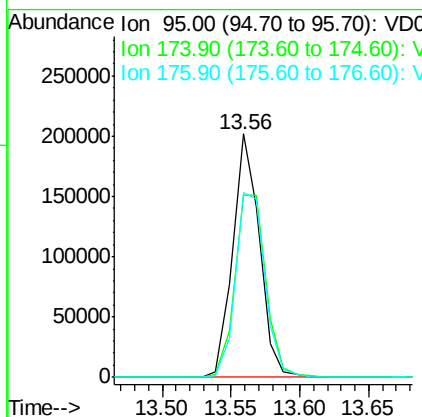
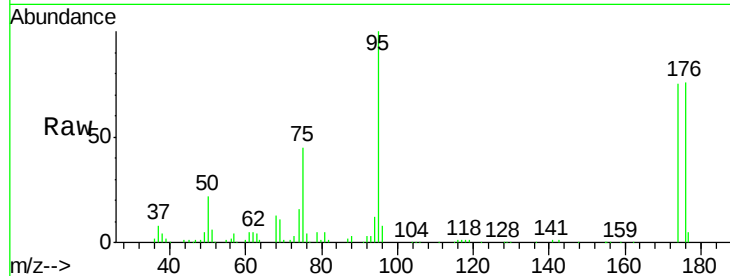




#62
4-Bromofluorobenzene
Concen: 31.761 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD062693.D
Acq: 13 Jun 2019 14:45

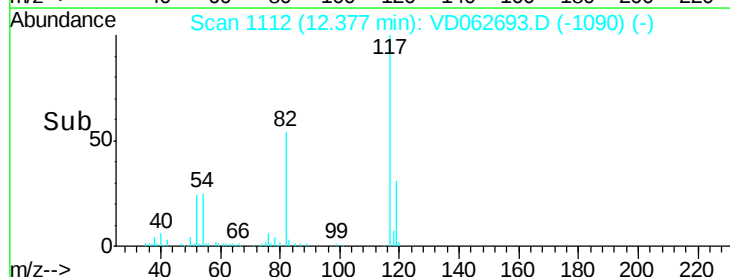
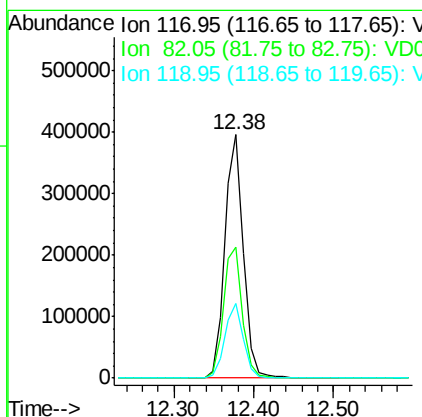
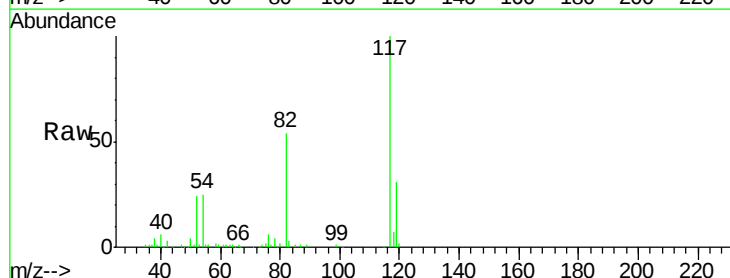
Instrument :
MSVOA_D
ClientSampleId :
RT-3425

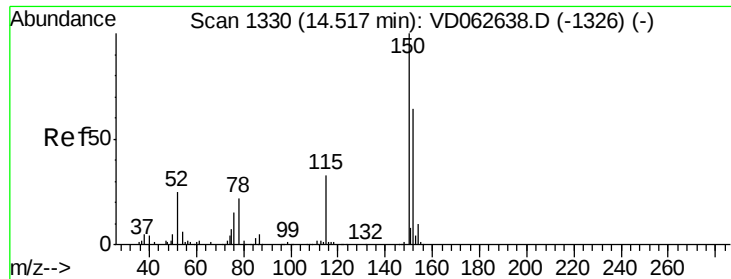
Tot Ion: 95 Resp: 272833
Ion Ratio Lower Upper
95 100
174 75.0 0.0 167.0
176 75.8 0.0 159.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD062693.D
Acq: 13 Jun 2019 14:45

Tgt Ion: 117 Resp: 648412
Ion Ratio Lower Upper
117 100
82 53.8 48.7 73.1
119 30.7 27.0 40.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD062693.D

Acq: 13 Jun 2019 14:45

Instrument :

MSVOA_D

ClientSampleId :

RT-3425

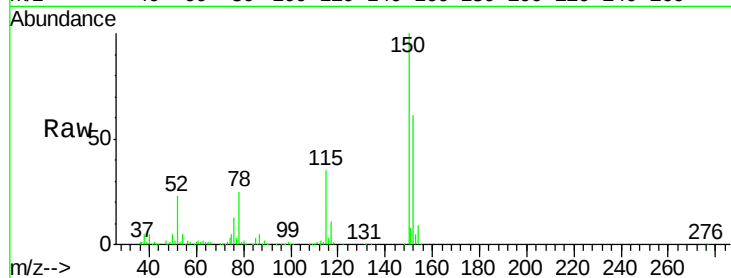
Tot Ion:152 Resp: 288289

Ion Ratio Lower Upper

152 100

115 57.9 30.1 90.5

150 164.7 0.0 314.0



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

