

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051619\
 Data File : VD062422.D
 Acq On : 16 May 2019 17:25
 Operator : FY/SY
 Sample : K2854-03
 Misc : 6.06g/5mL/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03(31)

Quant Time: May 17 03:52:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

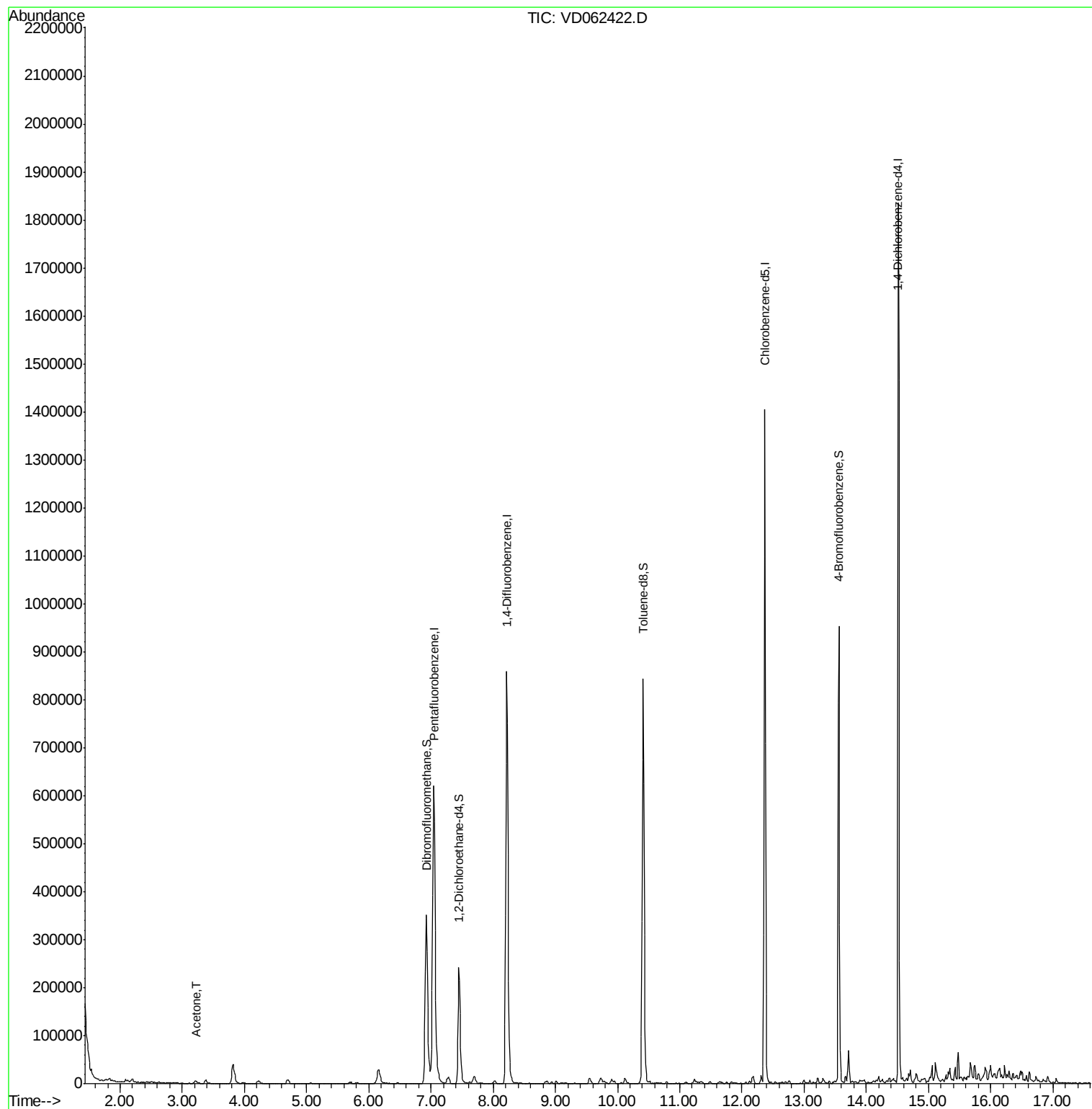
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	634730	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	957817	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	770055	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	418565	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	259052	43.92	ug/l	0.02
Spiked Amount 50.000			Recovery	=	87.84%	
35) Dibromofluoromethane	6.93	113	313135	39.40	ug/l	0.03
Spiked Amount 50.000			Recovery	=	78.80%	
50) Toluene-d8	10.41	98	675216	35.24	ug/l	0.01
Spiked Amount 50.000			Recovery	=	70.48%	
62) 4-Bromofluorobenzene	13.56	95	275203	35.77	ug/l	0.01
Spiked Amount 50.000			Recovery	=	71.54%	
Target Compounds						
16) Acetone	3.22	43	10506	8.493	ug/l #	Qvalue 84

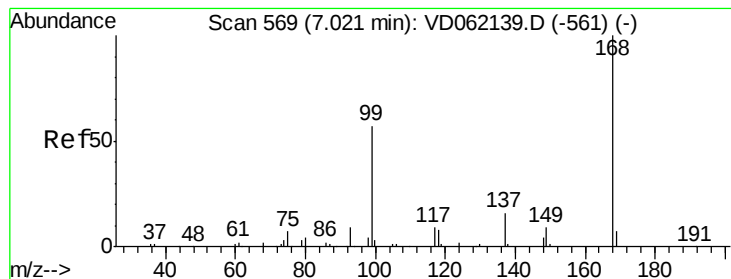
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD062422.D

Acq: 16 May 2019 17:25

Instrument :

MSVOA_D

ClientSampleId :

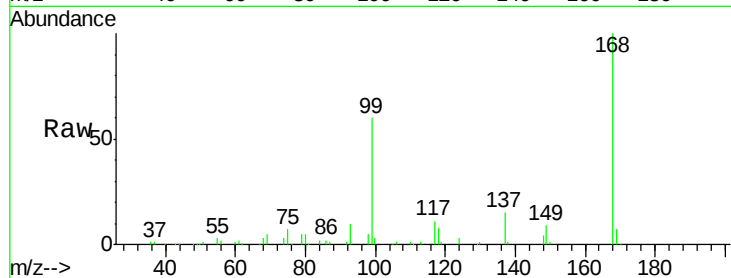
SB-03(31)

Tot Ion:168 Resp: 634730

Ion Ratio Lower Upper

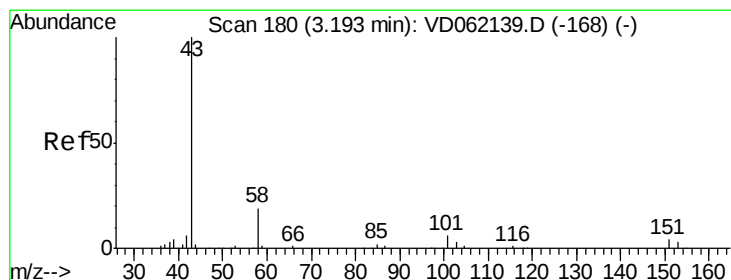
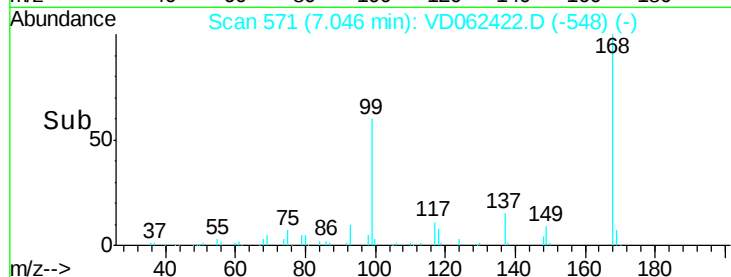
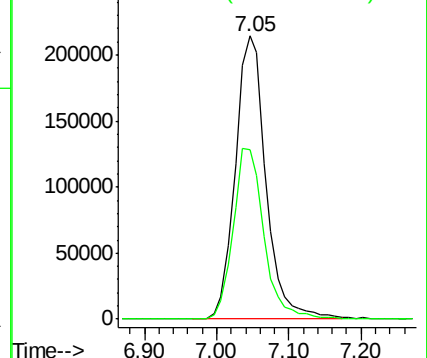
168 100

99 59.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 8.493 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD062422.D

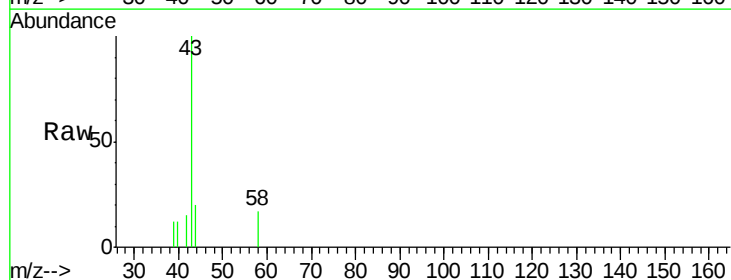
Acq: 16 May 2019 17:25

Tgt Ion: 43 Resp: 10506

Ion Ratio Lower Upper

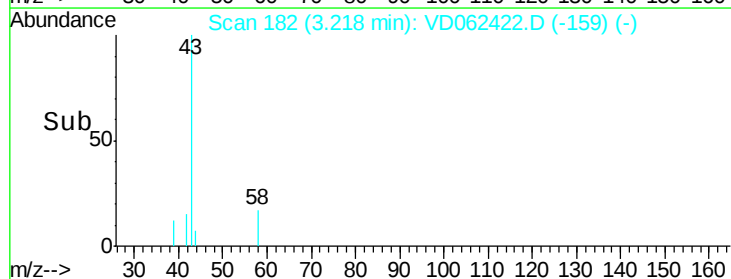
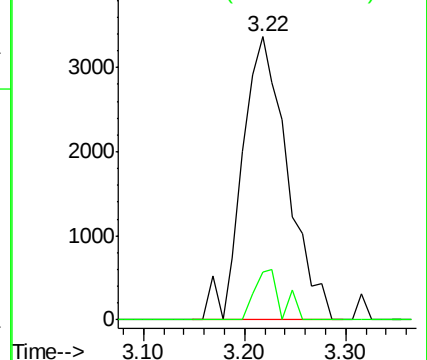
43 100

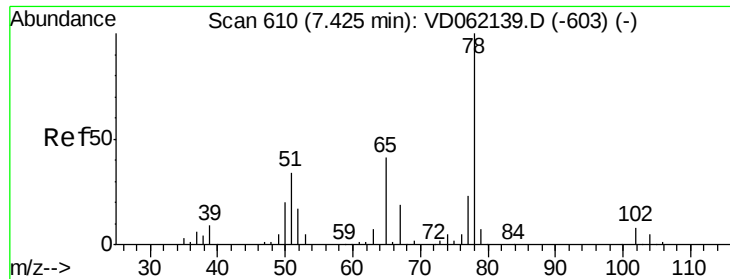
58 17.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 43.917 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD062422.D

Acq: 16 May 2019 17:25

Instrument :

MSVOA_D

ClientSampleId :

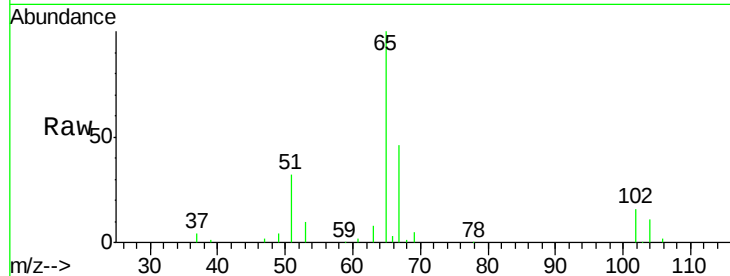
SB-03(31)

Tot Ion: 65 Resp: 259052

Ion Ratio Lower Upper

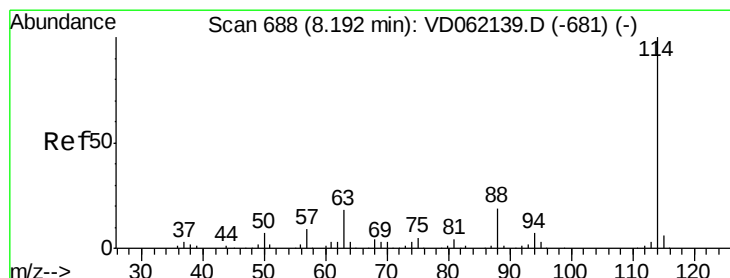
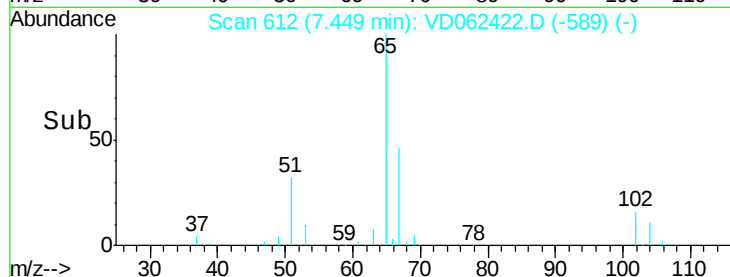
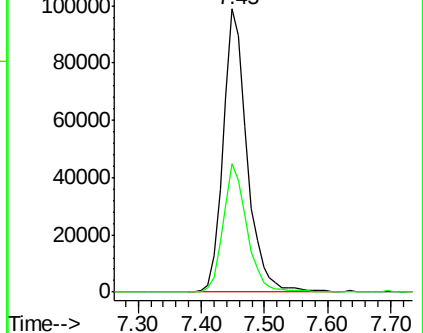
65 100

67 45.6 0.0 98.0



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. 0.02 min

Lab File: VD062422.D

Acq: 16 May 2019 17:25

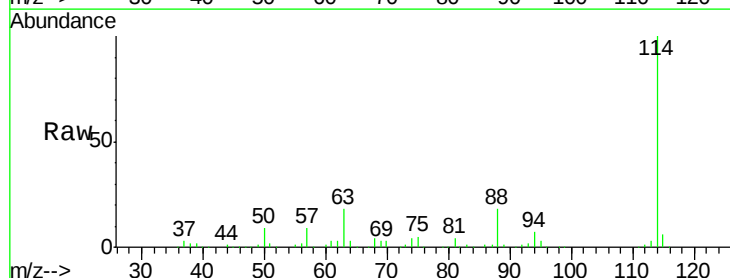
Tgt Ion: 114 Resp: 957817

Ion Ratio Lower Upper

114 100

63 17.7 0.0 32.4

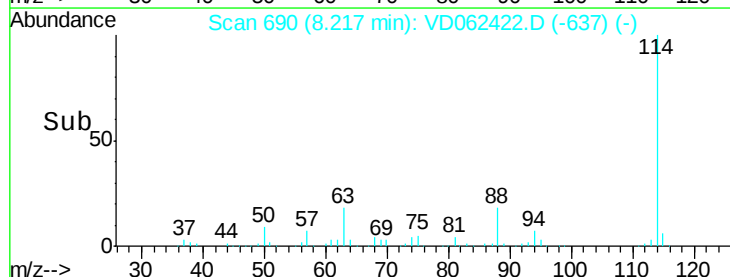
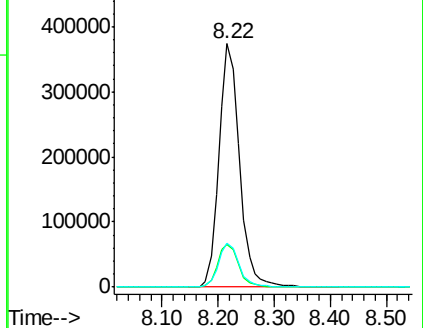
88 18.1 0.0 33.6

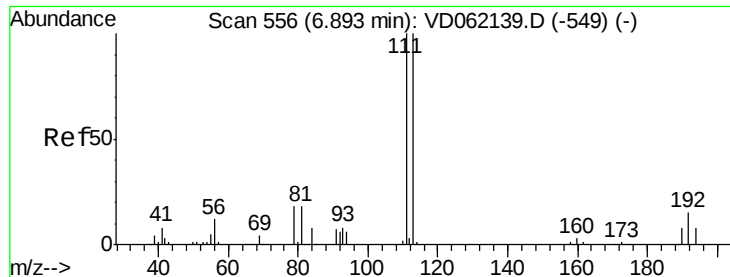


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 39.402 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.03 min

Lab File: VD062422.D

Acq: 16 May 2019 17:25

Instrument :

MSVOA_D

ClientSampleId :

SB-03(31)

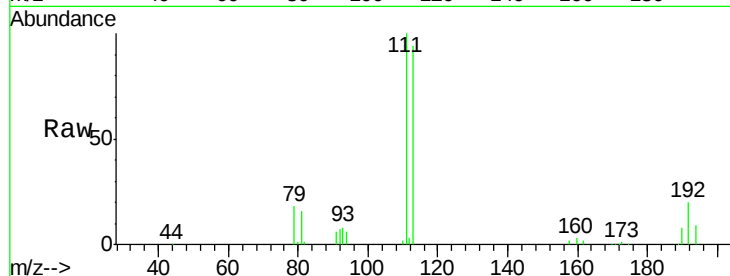
Tot Ion:113 Resp: 313135

Ion Ratio Lower Upper

113 100

111 106.3 78.5 117.7

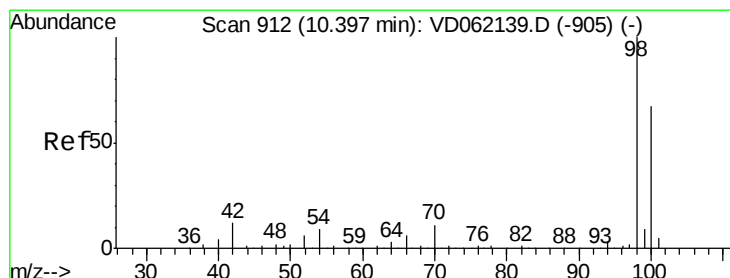
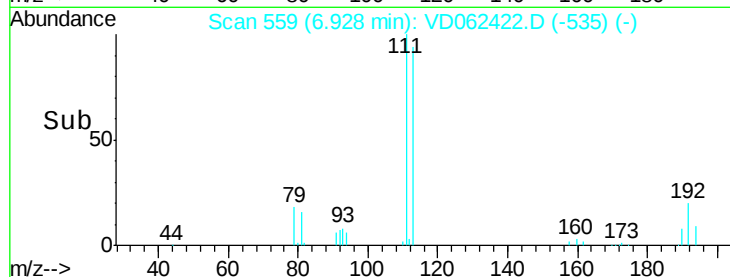
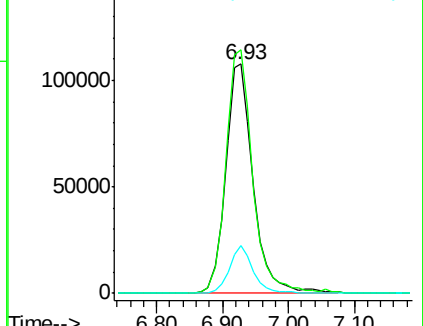
192 20.7 13.0 19.4#



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: 35.239 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD062422.D

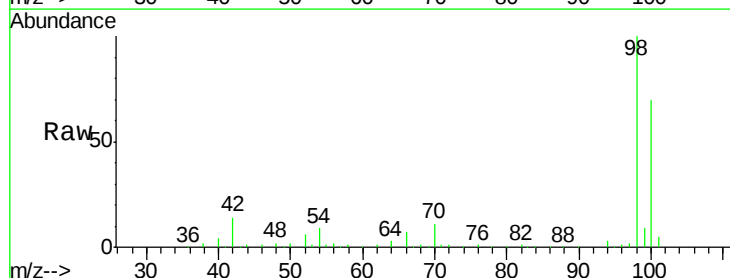
Acq: 16 May 2019 17:25

Tgt Ion: 98 Resp: 675216

Ion Ratio Lower Upper

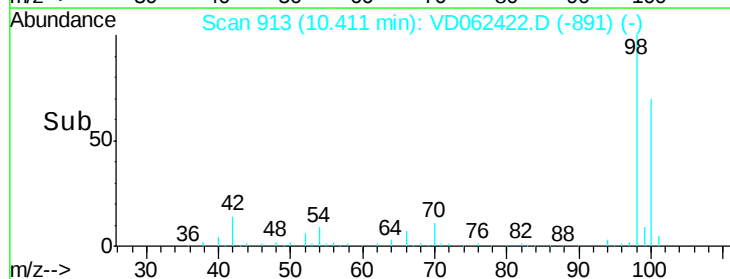
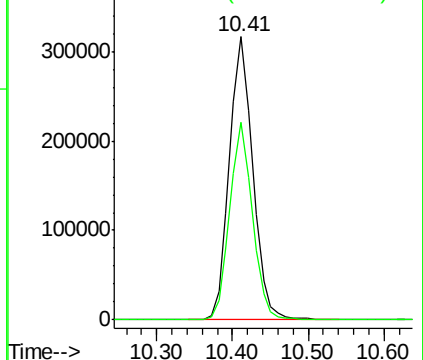
98 100

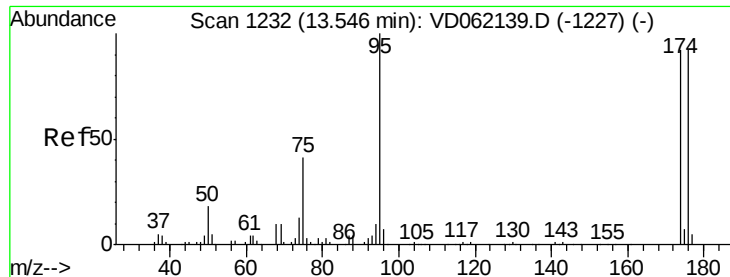
100 69.7 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

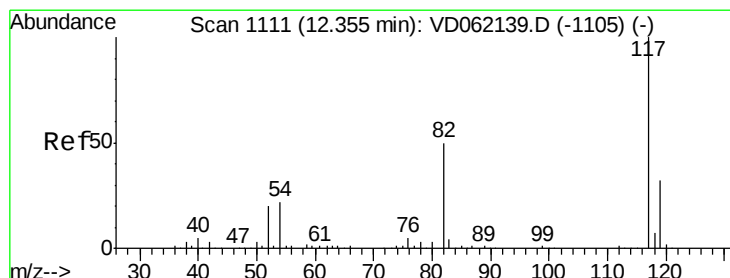
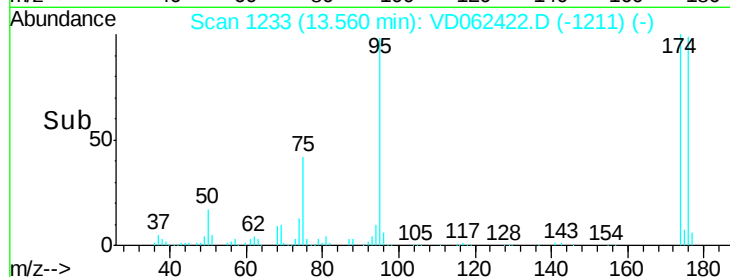
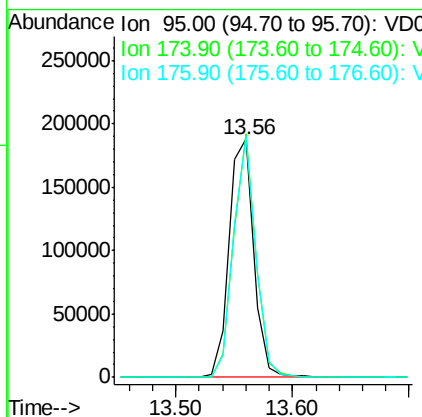
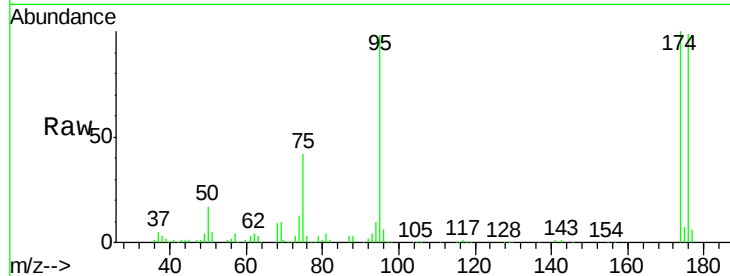




#62
4-Bromofluorobenzene
Concen: 35.767 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062422.D
Acq: 16 May 2019 17:25

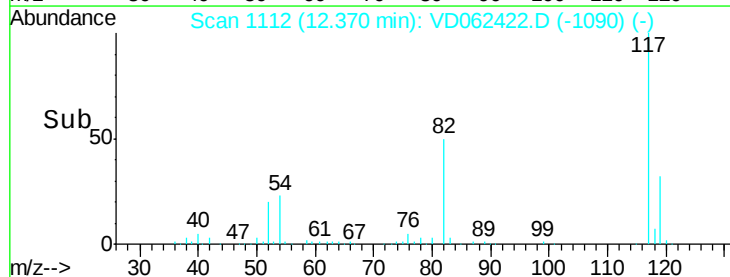
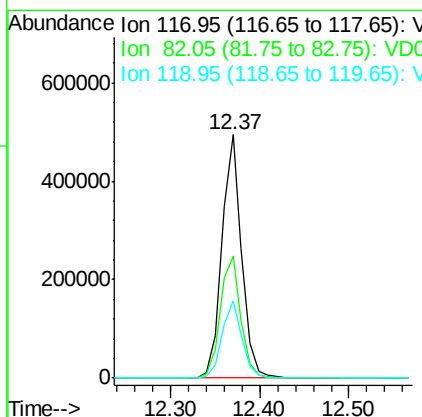
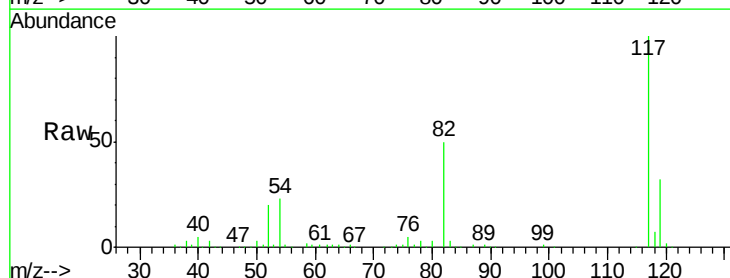
Instrument :
MSVOA_D
ClientSampleId :
SB-03(31)

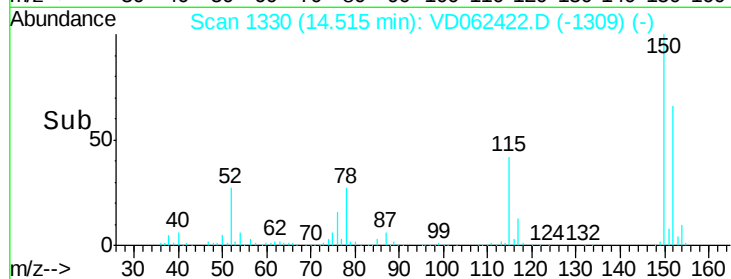
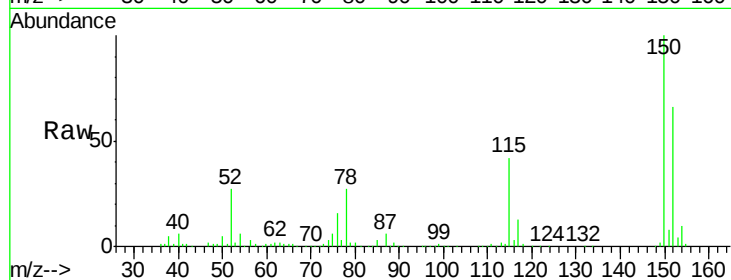
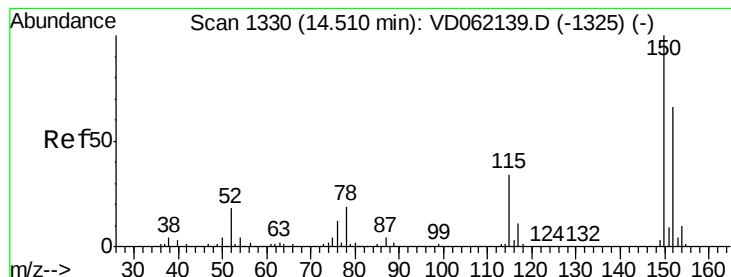
Tot Ion: 95 Resp: 275203
Ion Ratio Lower Upper
95 100
174 102.3 0.0 181.8
176 101.1 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062422.D
Acq: 16 May 2019 17:25

Tgt Ion: 117 Resp: 770055
Ion Ratio Lower Upper
117 100
82 50.3 36.2 54.2
119 31.7 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD062422.D

Acq: 16 May 2019 17:25

Instrument :

MSVOA_D

ClientSampleId :

SB-03(31)

Tot Ion:152 Resp: 418565

Ion Ratio Lower Upper

152 100

115 63.3 30.9 92.7

150 152.4 0.0 314.8

