

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050719\
 Data File : VD062149.D
 Acq On : 7 May 2019 23:59
 Operator : FY/SY
 Sample : K2673-03
 Misc : 5.03g/5mL/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-2.0-2.5

Quant Time: May 08 04:47:31 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

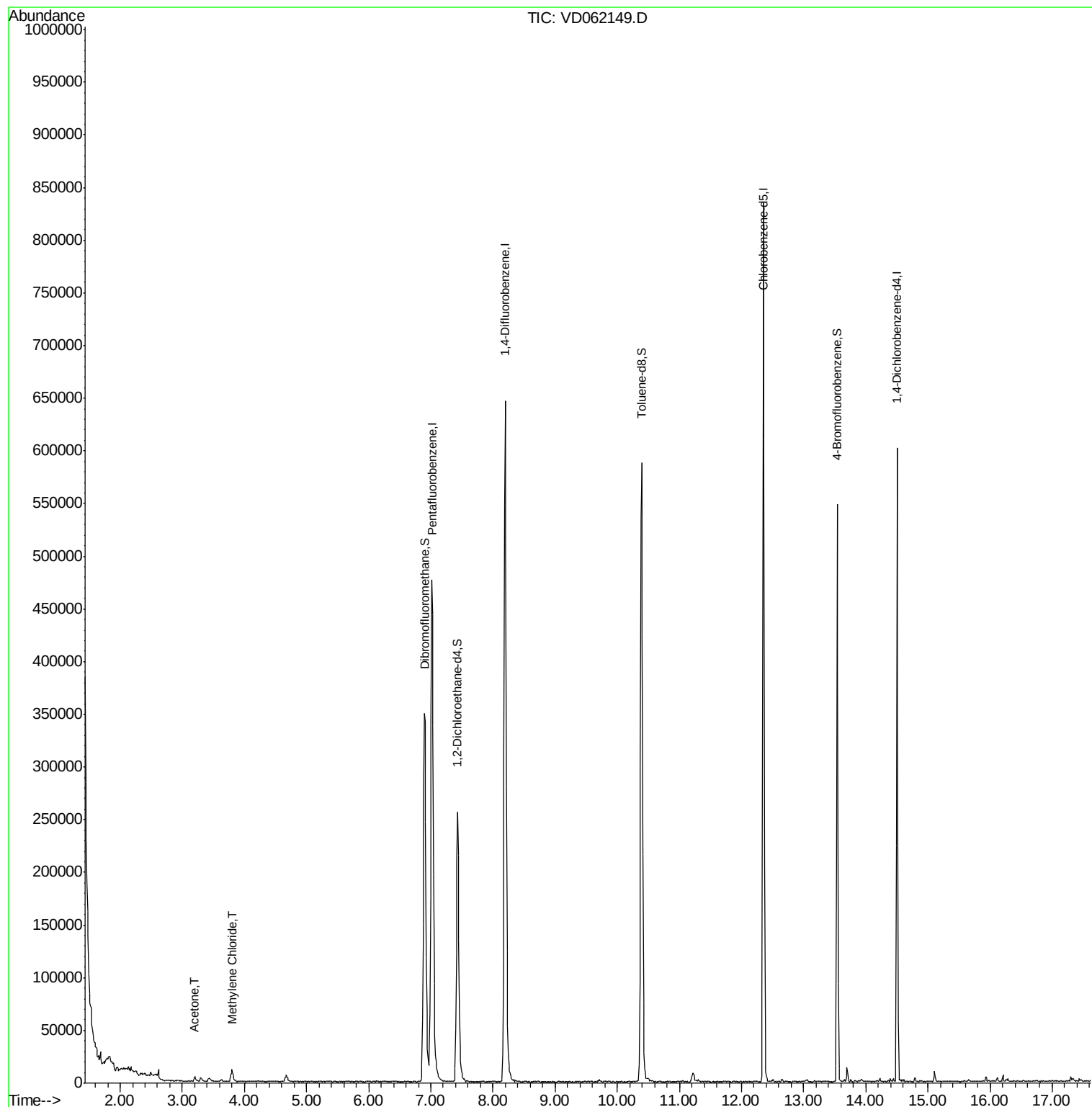
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	478294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	730931	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	465956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	132658	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	266377	59.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.86%	
35) Dibromofluoromethane	6.90	113	319543	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
50) Toluene-d8	10.39	98	530281	36.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.54%	
62) 4-Bromofluorobenzene	13.54	95	155735	26.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.04%	
Target Compounds						
16) Acetone	3.20	43	6992	7.501	ug/l #	89
20) Methylene Chloride	3.80	84	6704	1.723	ug/l #	85

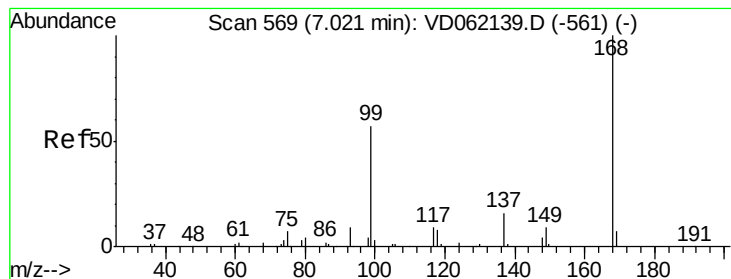
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 14:26:29 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.01 min

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Instrument :

MSVOA_D

ClientSampleId :

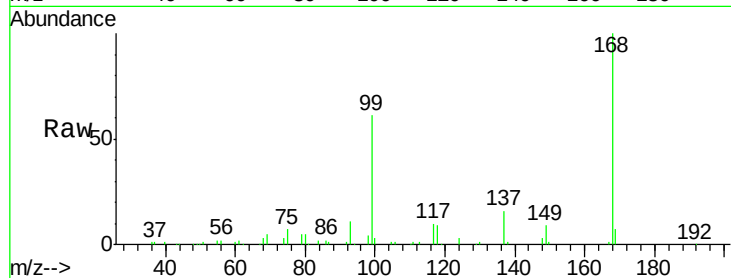
SB-12-2.0-2.5

Tot Ion:168 Resp: 478294

Ion Ratio Lower Upper

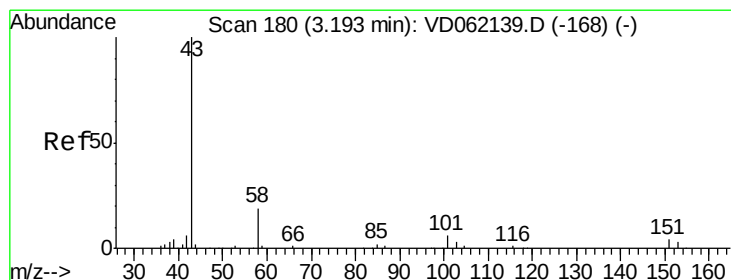
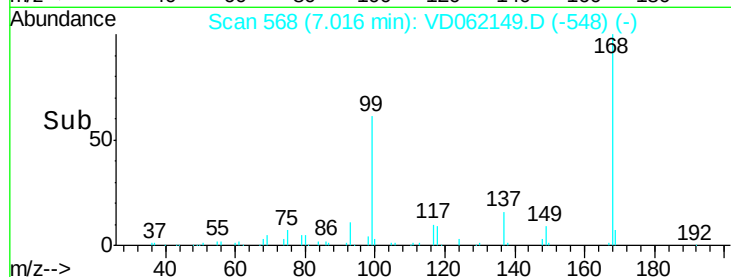
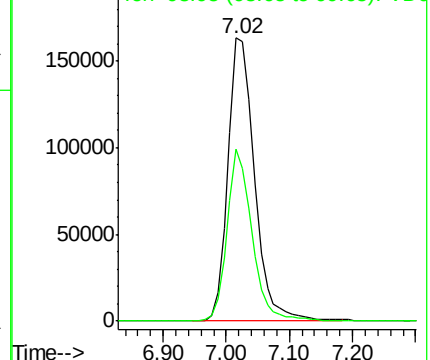
168 100

99 60.9 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: 7.501 ug/l

RT: 3.20 min Scan# 180

Delta R.T. 0.00 min

Lab File: VD062149.D

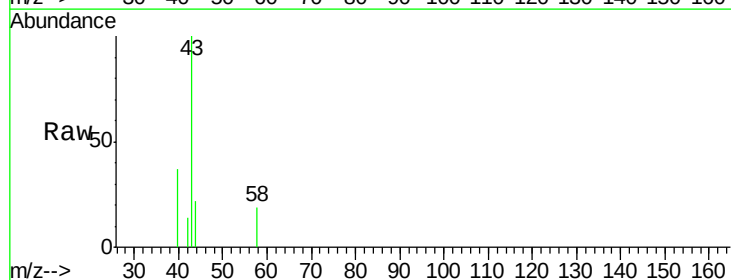
Acq: 7 May 2019 23:59

Tgt Ion: 43 Resp: 6992

Ion Ratio Lower Upper

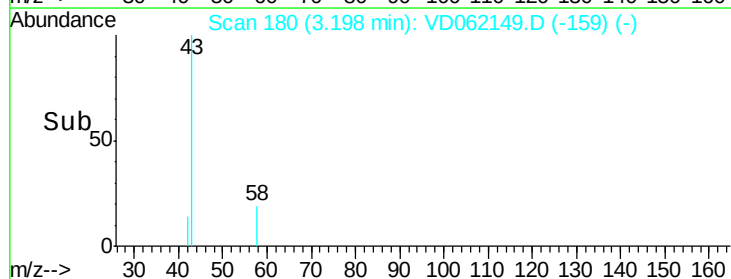
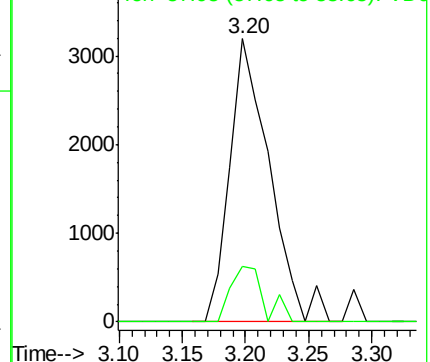
43 100

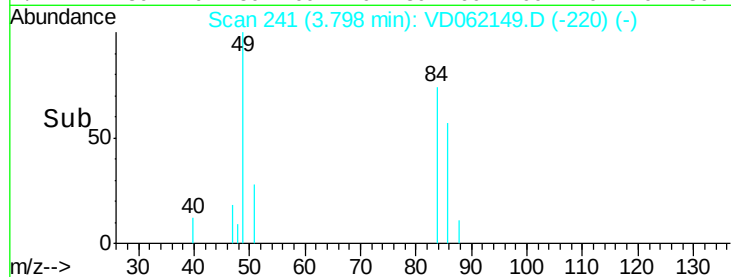
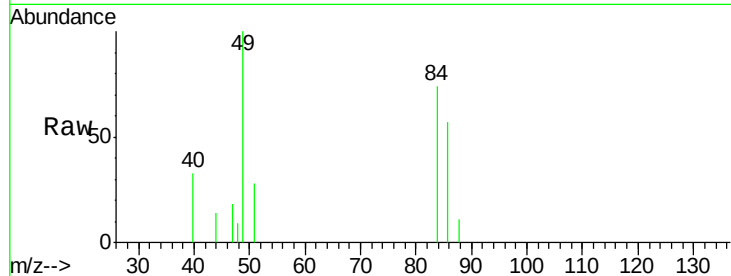
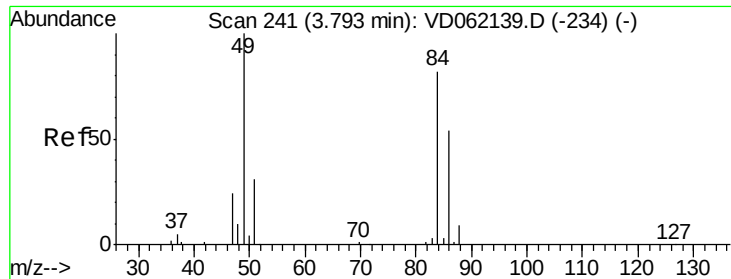
58 19.5 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

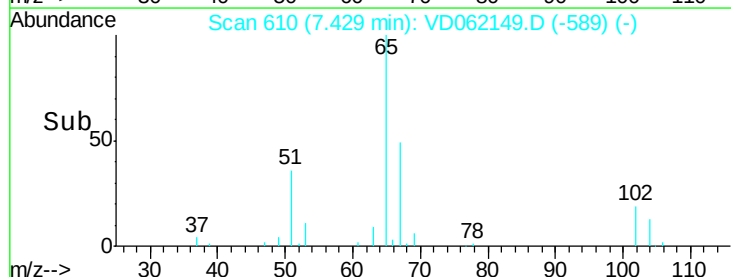
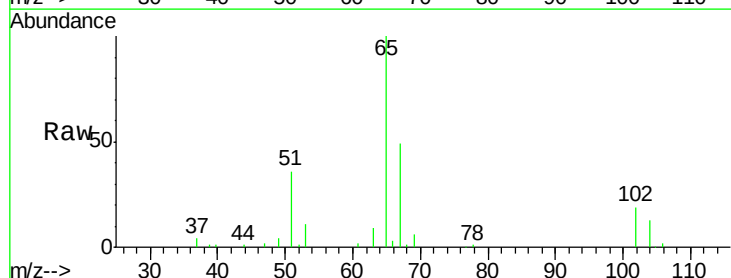
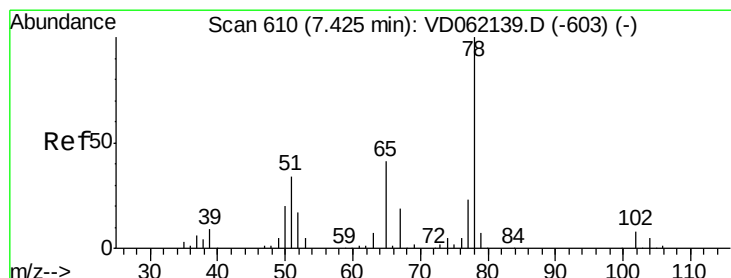
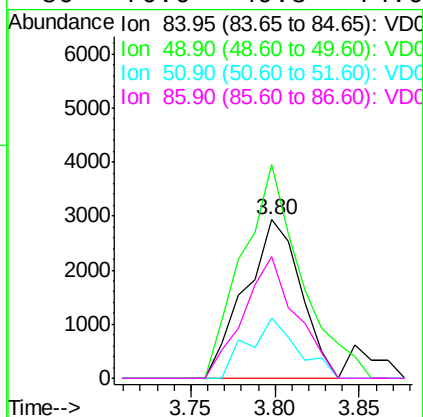




#20
Methylene Chloride
Concen: 1.723 ug/l
RT: 3.80 min Scan# 241
Delta R.T. 0.00 min
Lab File: VD062149.D
Acq: 7 May 2019 23:59

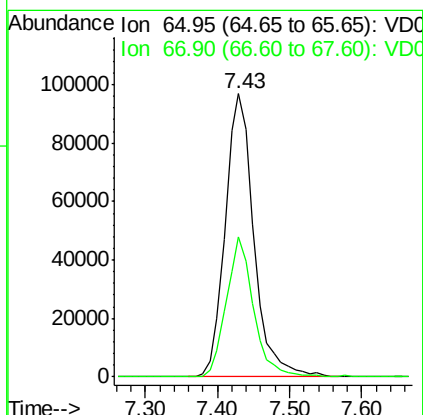
Instrument :
MSVOA_D
ClientSampleId :
SB-12-2.0-2.5

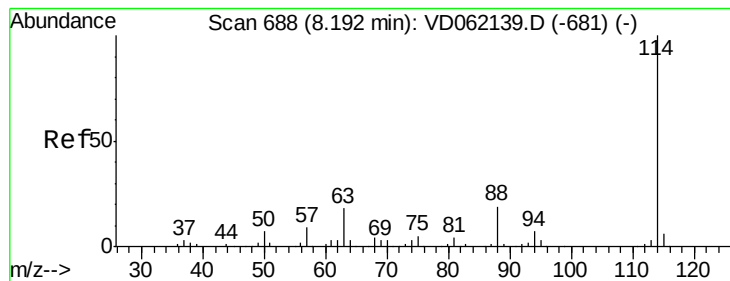
Tot Ion: 84 Resp: 6704
Ion Ratio Lower Upper
84 100
49 135.0 94.0 141.0
51 38.2 29.0 43.4
86 76.6 49.8 74.6#



#33
1,2-Dichloroethane-d4
Concen: 59.929 ug/l
RT: 7.43 min Scan# 610
Delta R.T. 0.00 min
Lab File: VD062149.D
Acq: 7 May 2019 23:59

Tgt Ion: 65 Resp: 266377
Ion Ratio Lower Upper
65 100
67 49.5 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 688

Delta R.T. 0.00 min

Lab File: VD062149.D

Acq: 7 May 2019 23:59

Instrument :

MSVOA_D

ClientSampleId :

SB-12-2.0-2.5

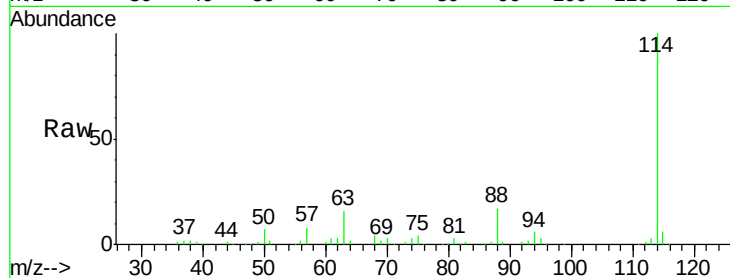
Tot Ion:114 Resp: 730931

Ion Ratio Lower Upper

114 100

63 16.5 0.0 32.4

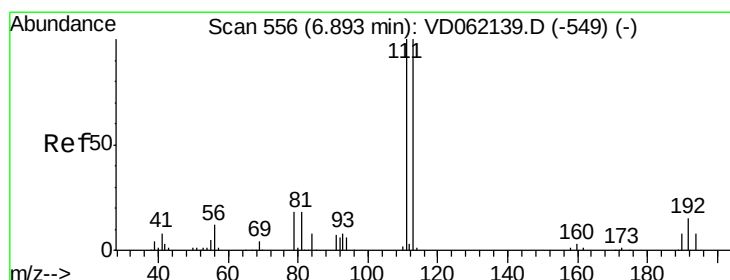
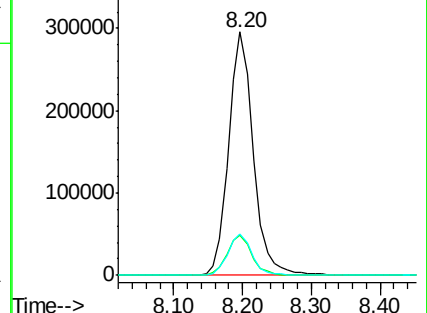
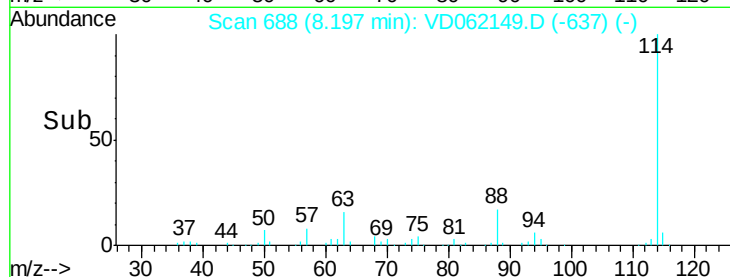
88 17.1 0.0 33.6



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: 52.690 ug/l

RT: 6.90 min Scan# 556

Delta R.T. 0.00 min

Lab File: VD062149.D

Acq: 7 May 2019 23:59

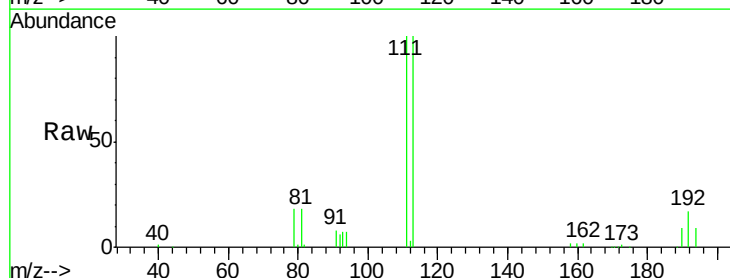
Tgt Ion:113 Resp: 319543

Ion Ratio Lower Upper

113 100

111 100.1 78.5 117.7

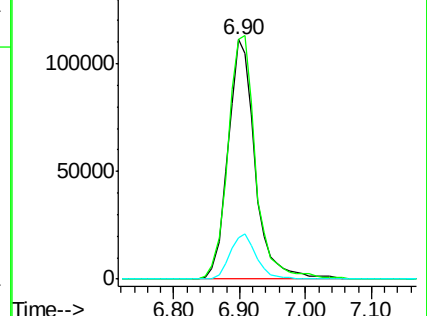
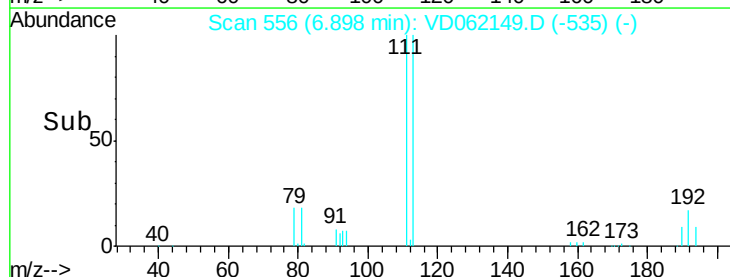
192 17.3 13.0 19.4

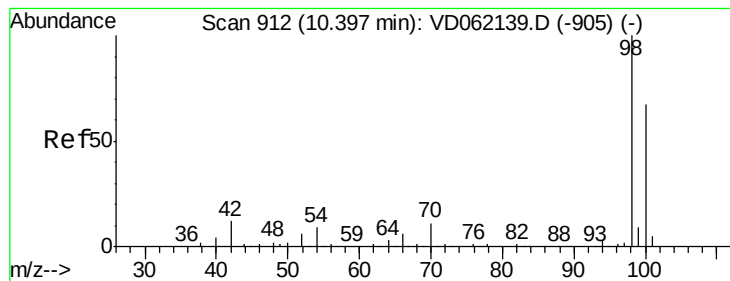


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 36.265 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD062149.D

Acq: 7 May 2019 23:59

Instrument :

MSVOA_D

ClientSampleId :

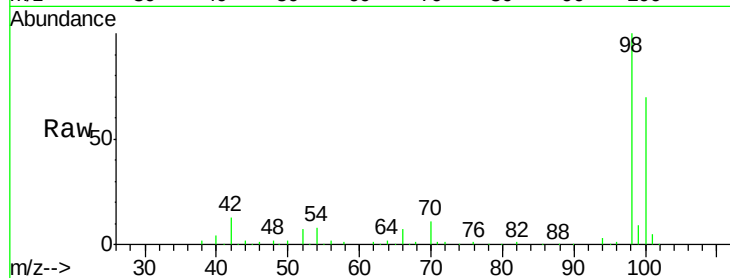
SB-12-2.0-2.5

Tot Ion: 98 Resp: 530281

Ion Ratio Lower Upper

98 100

100 69.7 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

250000

200000

150000

100000

50000

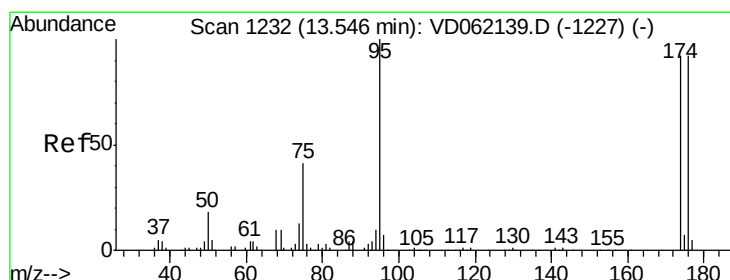
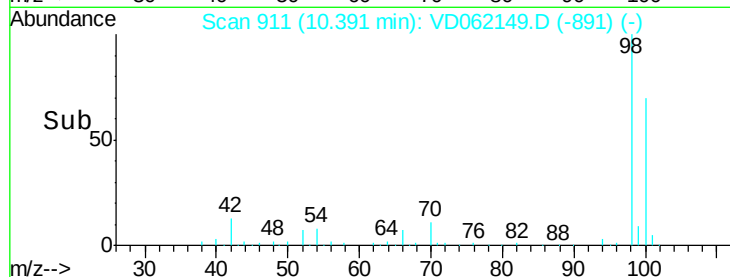
0

10.39

10.40

10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 26.523 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD062149.D

Acq: 7 May 2019 23:59

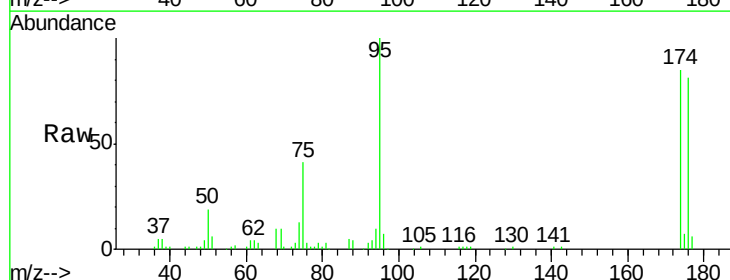
Tgt Ion: 95 Resp: 155735

Ion Ratio Lower Upper

95 100

174 85.3 0.0 181.8

176 80.9 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

150000

100000

50000

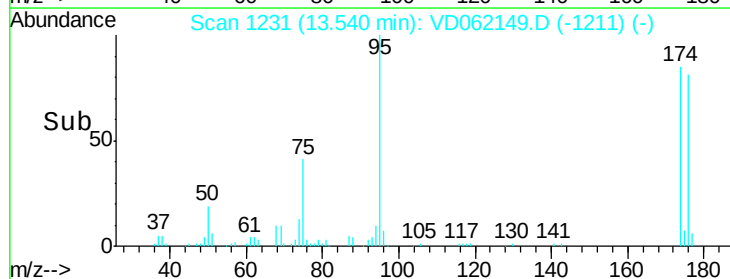
0

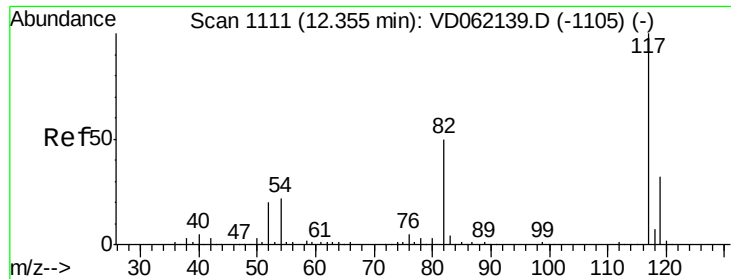
13.54

13.55

13.60

Time-->

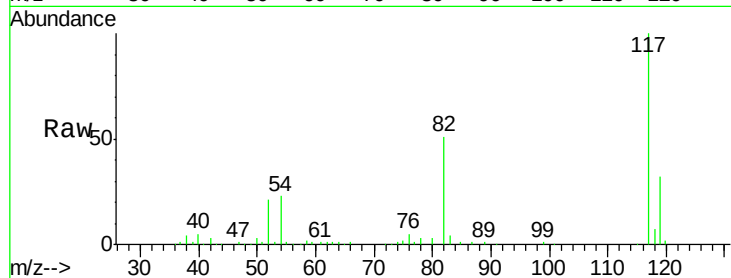




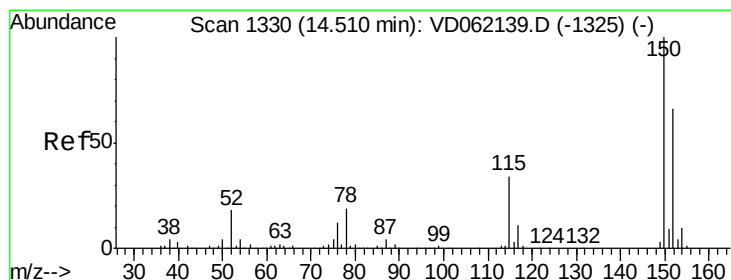
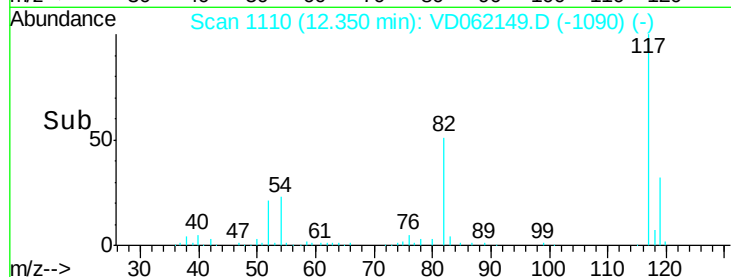
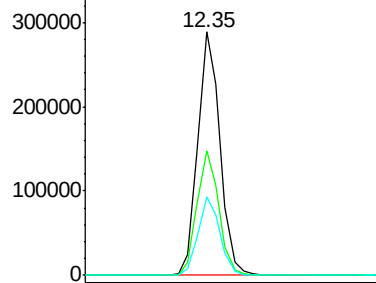
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD062149.D
Acq: 7 May 2019 23:59

Instrument :
MSVOA_D
ClientSampleId :
SB-12-2.0-2.5

Tot Ion:117 Resp: 465956
Ion Ratio Lower Upper
117 100
82 51.1 36.2 54.2
119 32.0 26.2 39.4

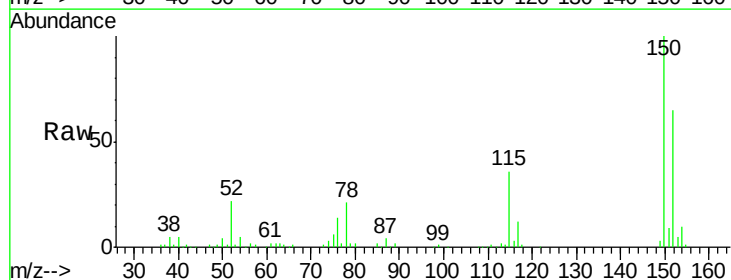


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062149.D
Acq: 7 May 2019 23:59

Tgt Ion:152 Resp: 132658
Ion Ratio Lower Upper
152 100
115 55.3 30.9 92.7
150 153.4 0.0 314.8



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

