

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD050719\
 Data File : VD062161.D
 Acq On : 8 May 2019 5:40
 Operator : FY/SY
 Sample : K2672-09
 Misc : 5.07g/5mL/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-1.5-2.0

Quant Time: May 09 02:35:24 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

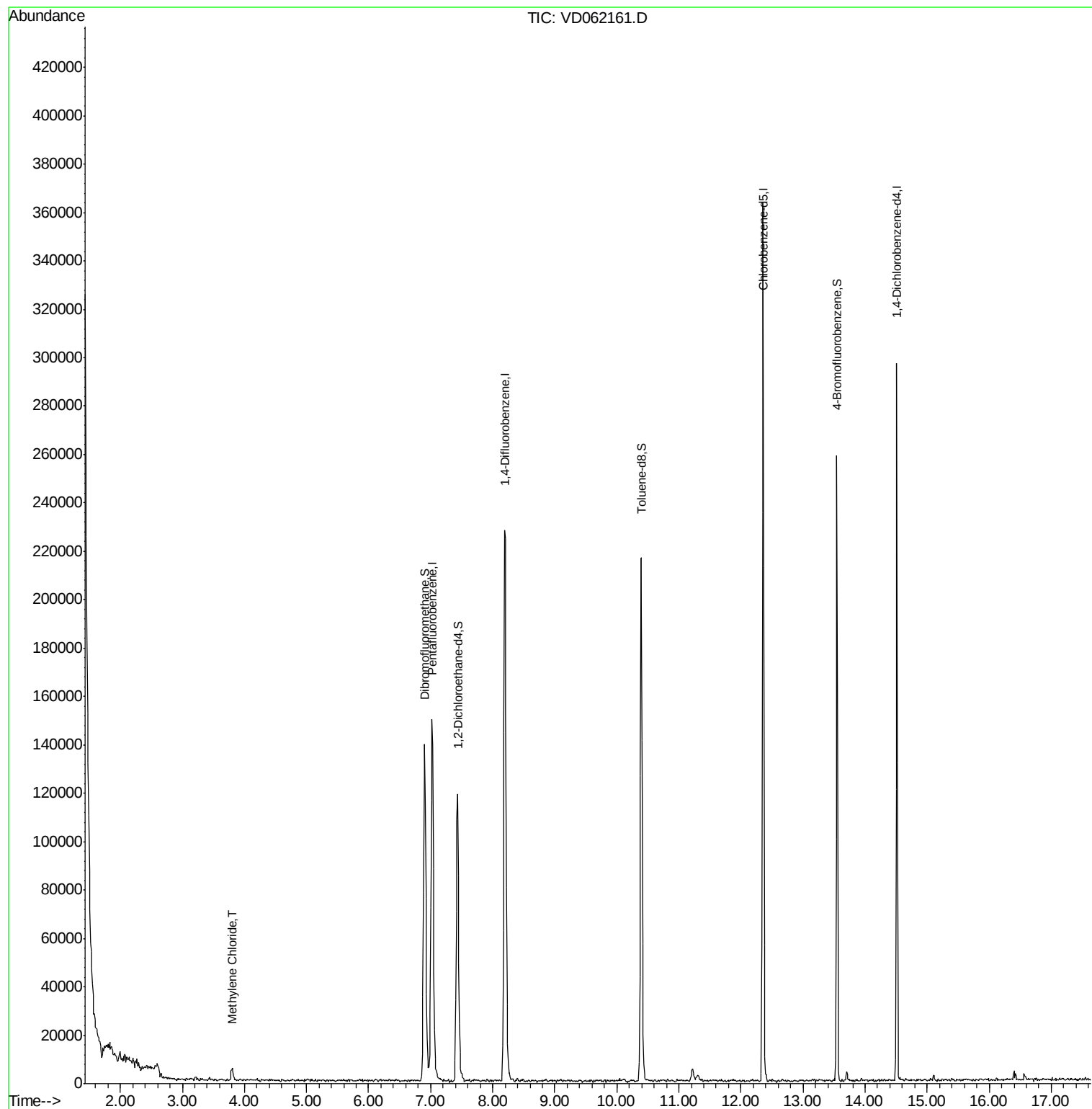
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	149496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	260715	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	191736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	61239	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	130225	93.74	ug/l	0.01
Spiked Amount 50.000			Recovery	=	187.48%	
35) Dibromofluoromethane	6.90	113	125287	57.92	ug/l	0.01
Spiked Amount 50.000			Recovery	=	115.84%	
50) Toluene-d8	10.40	98	193736	37.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.30%	
62) 4-Bromofluorobenzene	13.55	95	70642	33.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.46%	
Target Compounds						
20) Methylene Chloride	3.80	84	3157	2.595	ug/l #	84

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.00 min

Lab File: VD062161.D

Acq: 8 May 2019 5:40

Instrument :

MSVOA_D

ClientSampleId :

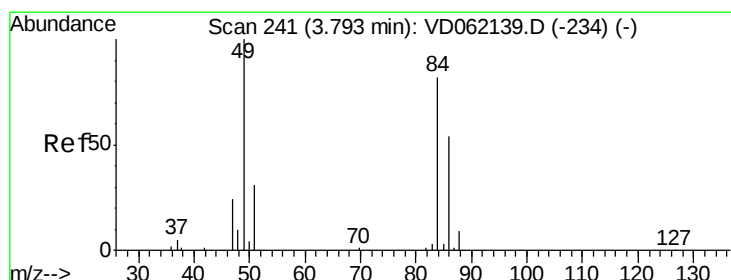
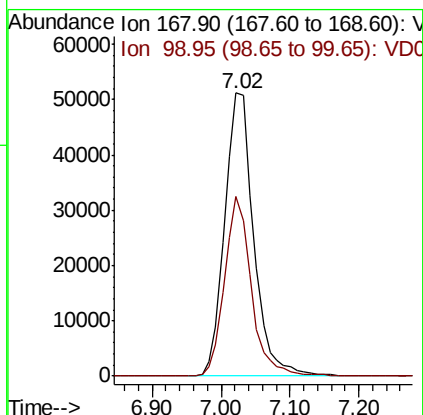
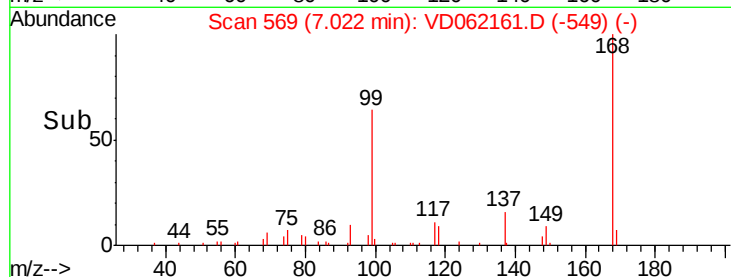
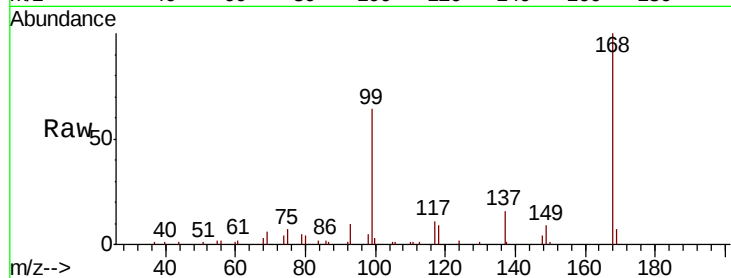
SB-05-1.5-2.0

Tot Ion:168 Resp: 149496

Ion Ratio Lower Upper

168 100

99 63.5 46.5 69.7



#20

Methylene Chloride

Concen: 2.595 ug/l

RT: 3.80 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD062161.D

Acq: 8 May 2019 5:40

Tgt Ion: 84 Resp: 3157

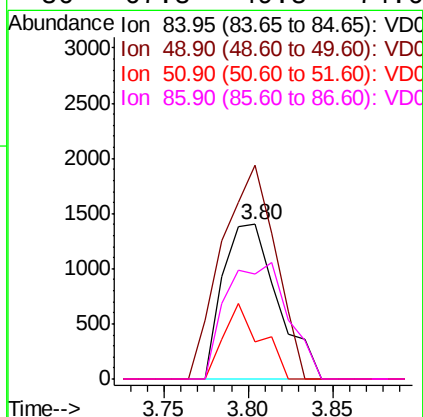
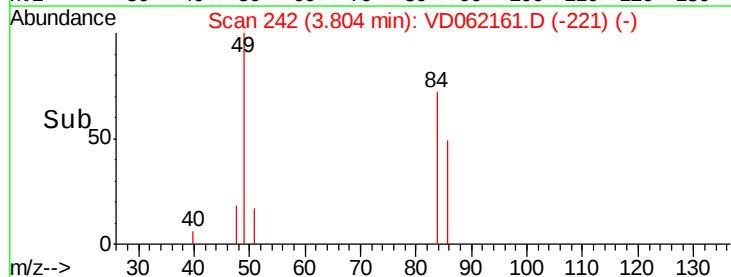
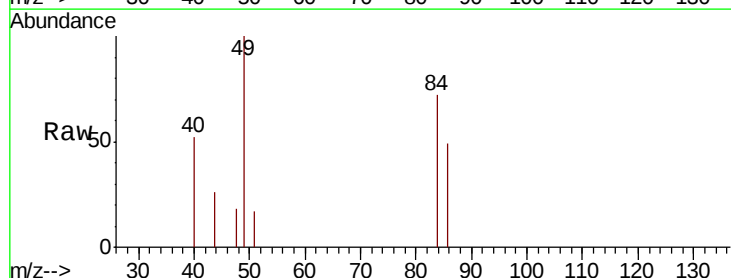
Ion Ratio Lower Upper

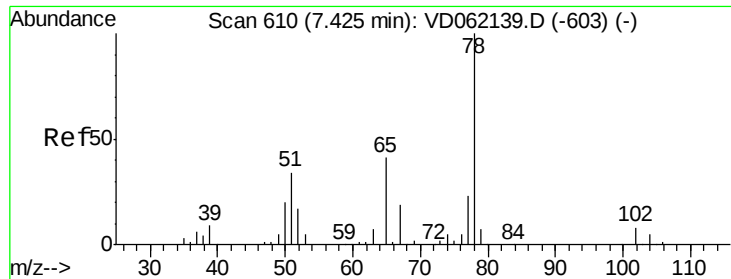
84 100

49 138.4 94.0 141.0

51 24.0 29.0 43.4#

86 67.8 49.8 74.6

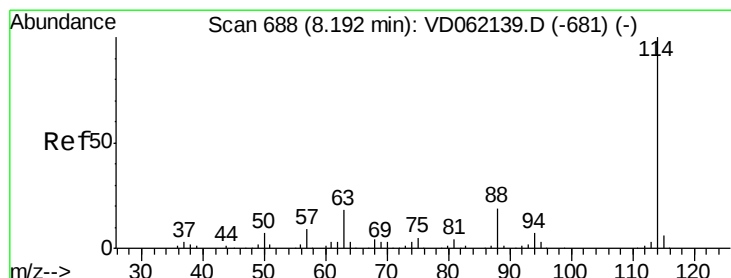
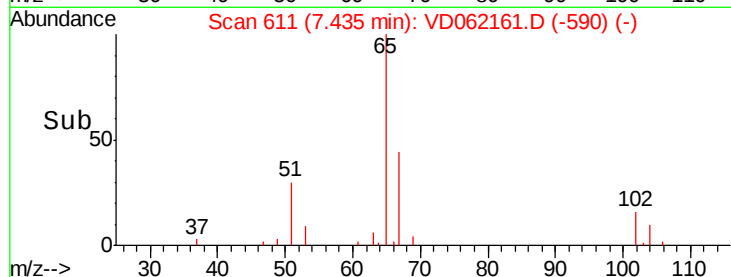
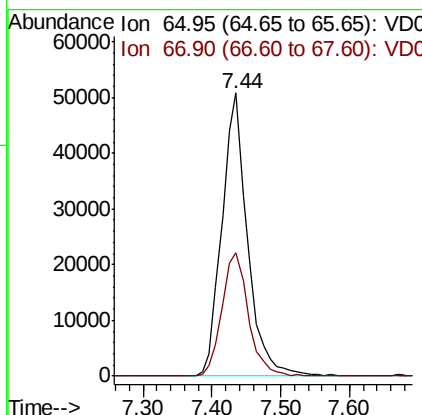
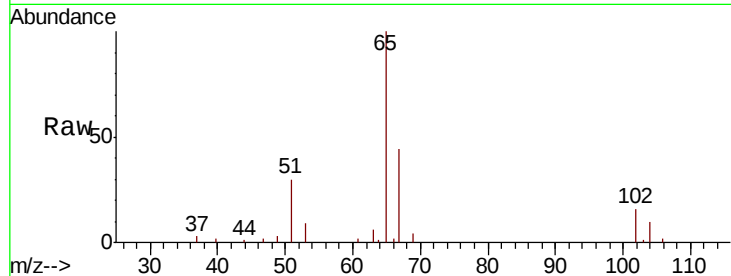




#33
 1,2-Dichloroethane-d4
 Concen: 93.735 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: VD062161.D
 Acq: 8 May 2019 5:40

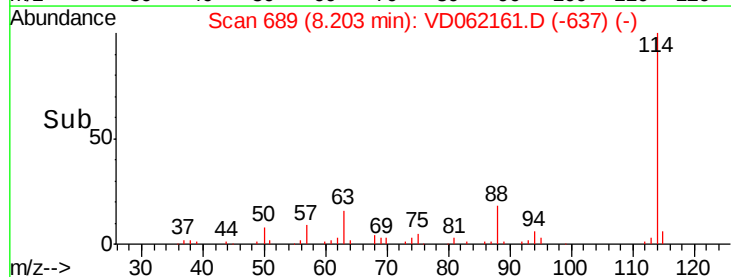
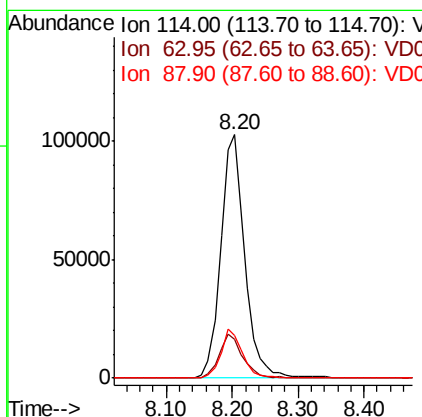
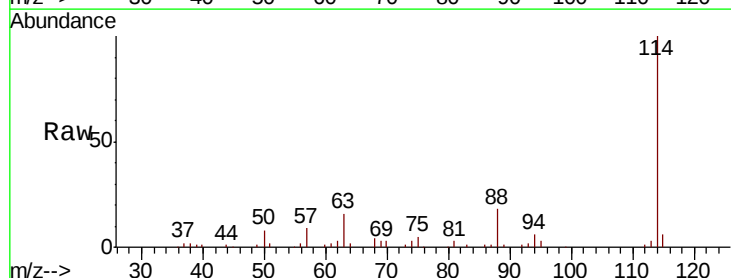
Instrument :
 MSVOA_D
 ClientSampleID :
 SB-05-1.5-2.0

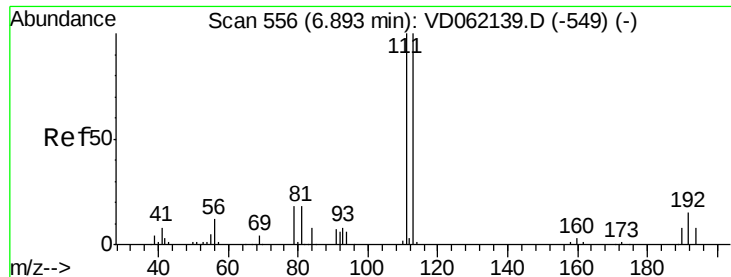
Tot Ion: 65 Resp: 130225
 Ion Ratio Lower Upper
 65 100
 67 43.6 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD062161.D
 Acq: 8 May 2019 5:40

Tgt Ion: 114 Resp: 260715
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 32.4
 88 17.7 0.0 33.6

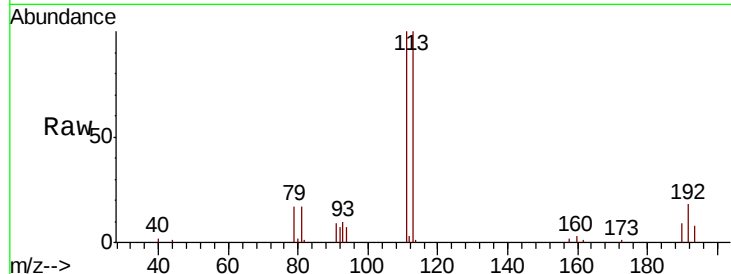




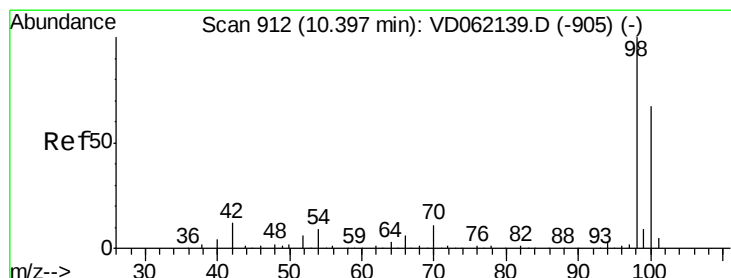
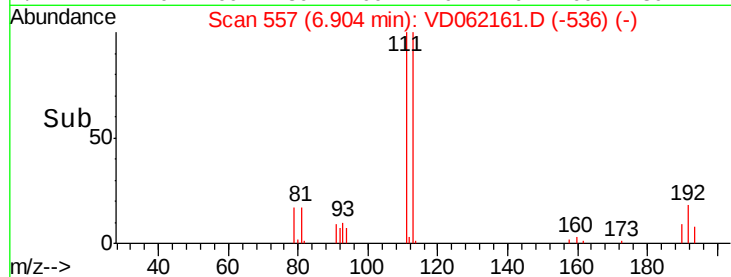
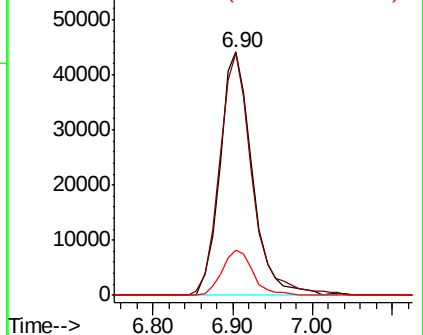
#35
Dibromofluoromethane
Concen: 57.918 ug/l
RT: 6.90 min Scan# 557
Delta R.T. 0.01 min
Lab File: VD062161.D
Acq: 8 May 2019 5:40

Instrument :
MSVOA_D
ClientSampleId :
SB-05-1.5-2.0

Tot Ion:113 Resp: 125287
Ion Ratio Lower Upper
113 100
111 99.5 78.5 117.7
192 18.4 13.0 19.4

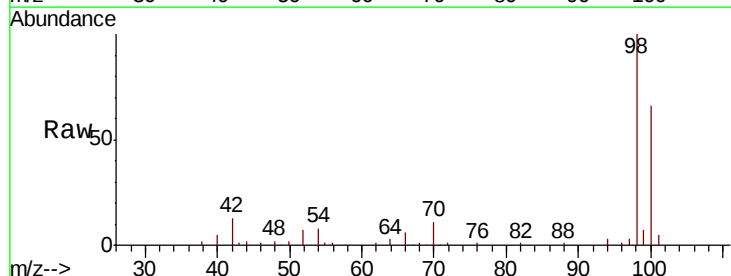


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

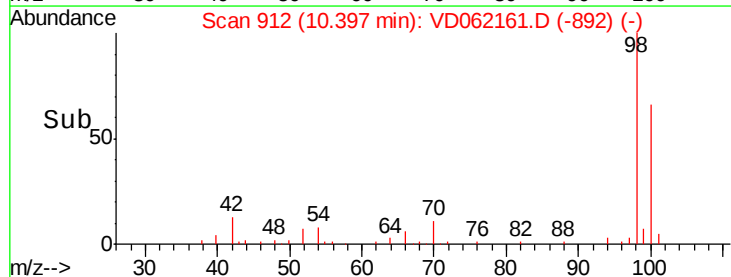
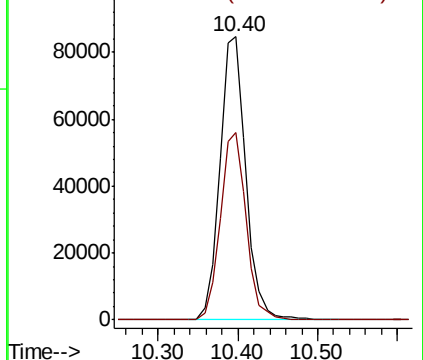


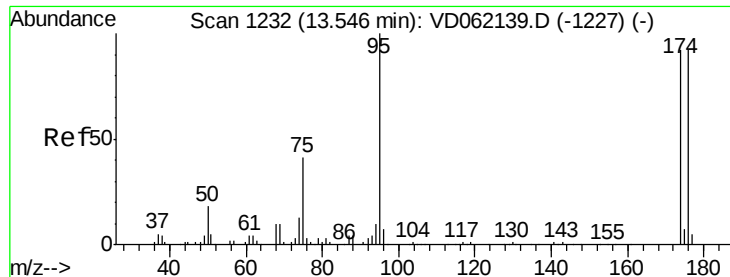
#50
Toluene-d8
Concen: 37.146 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD062161.D
Acq: 8 May 2019 5:40

Tgt Ion: 98 Resp: 193736
Ion Ratio Lower Upper
98 100
100 66.1 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: 33.729 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062161.D

Acq: 8 May 2019 5:40

Instrument :

MSVOA_D

ClientSampleId :

SB-05-1.5-2.0

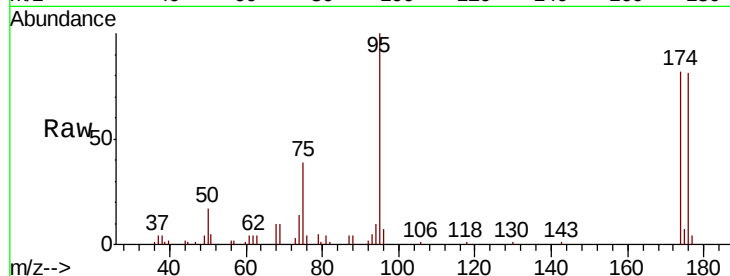
Tot Ion: 95 Resp: 70642

Ion Ratio Lower Upper

95 100

174 82.5 0.0 181.8

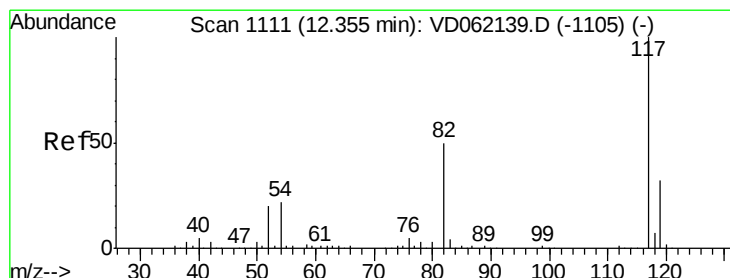
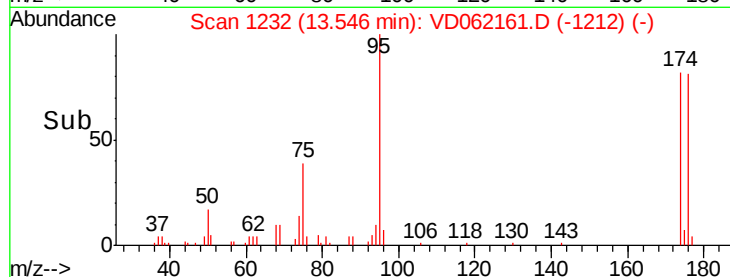
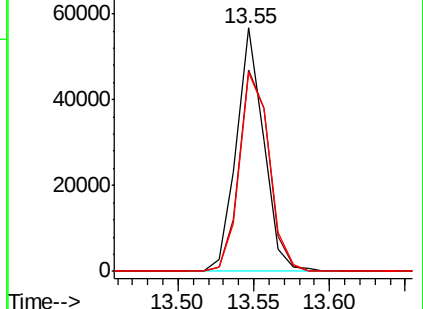
176 81.4 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): V

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# 1111

Delta R.T. 0.00 min

Lab File: VD062161.D

Acq: 8 May 2019 5:40

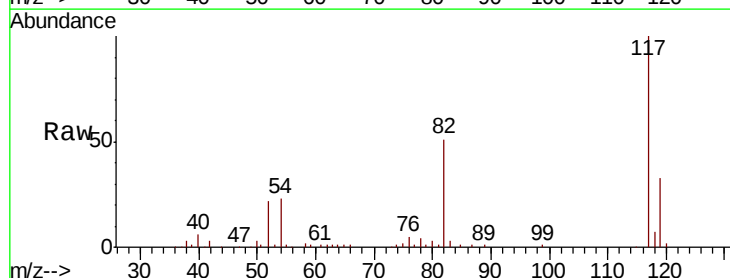
Tgt Ion: 117 Resp: 191736

Ion Ratio Lower Upper

117 100

82 50.5 36.2 54.2

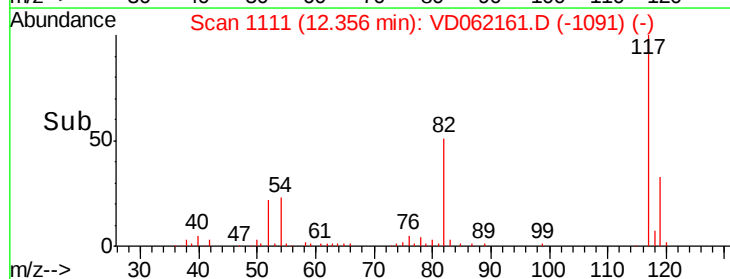
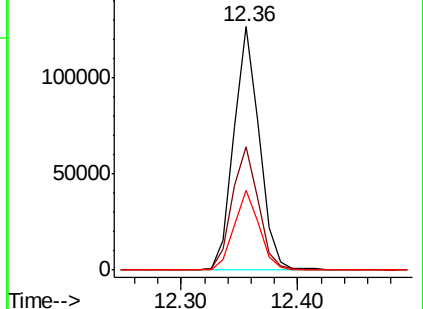
119 32.9 26.2 39.4

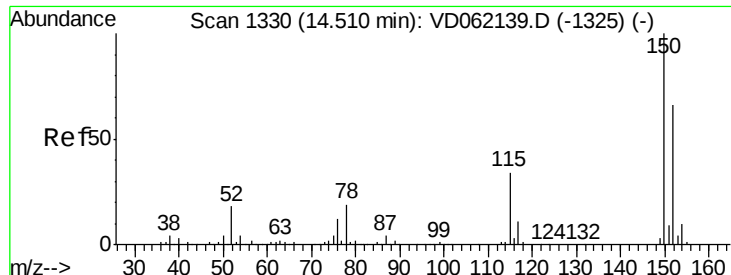


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

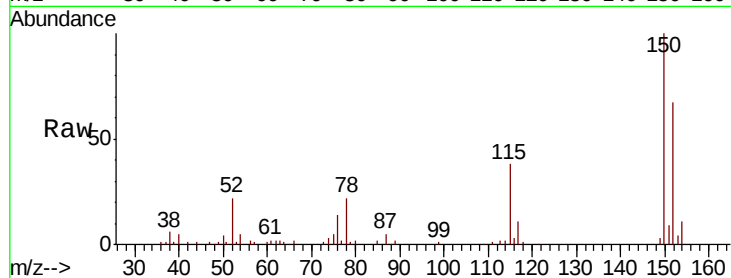




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD062161.D
 Acq: 8 May 2019 5:40

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-1.5-2.0

Tot Ion:152 Resp: 61239
 Ion Ratio Lower Upper
 152 100
 115 57.5 30.9 92.7
 150 150.2 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

