

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050819\
 Data File : VD062181.D
 Acq On : 8 May 2019 18:31
 Operator : FY/SY
 Sample : K2717-09
 Misc : 5.63g/5mL/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1218-01

Quant Time: May 09 02:12:18 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

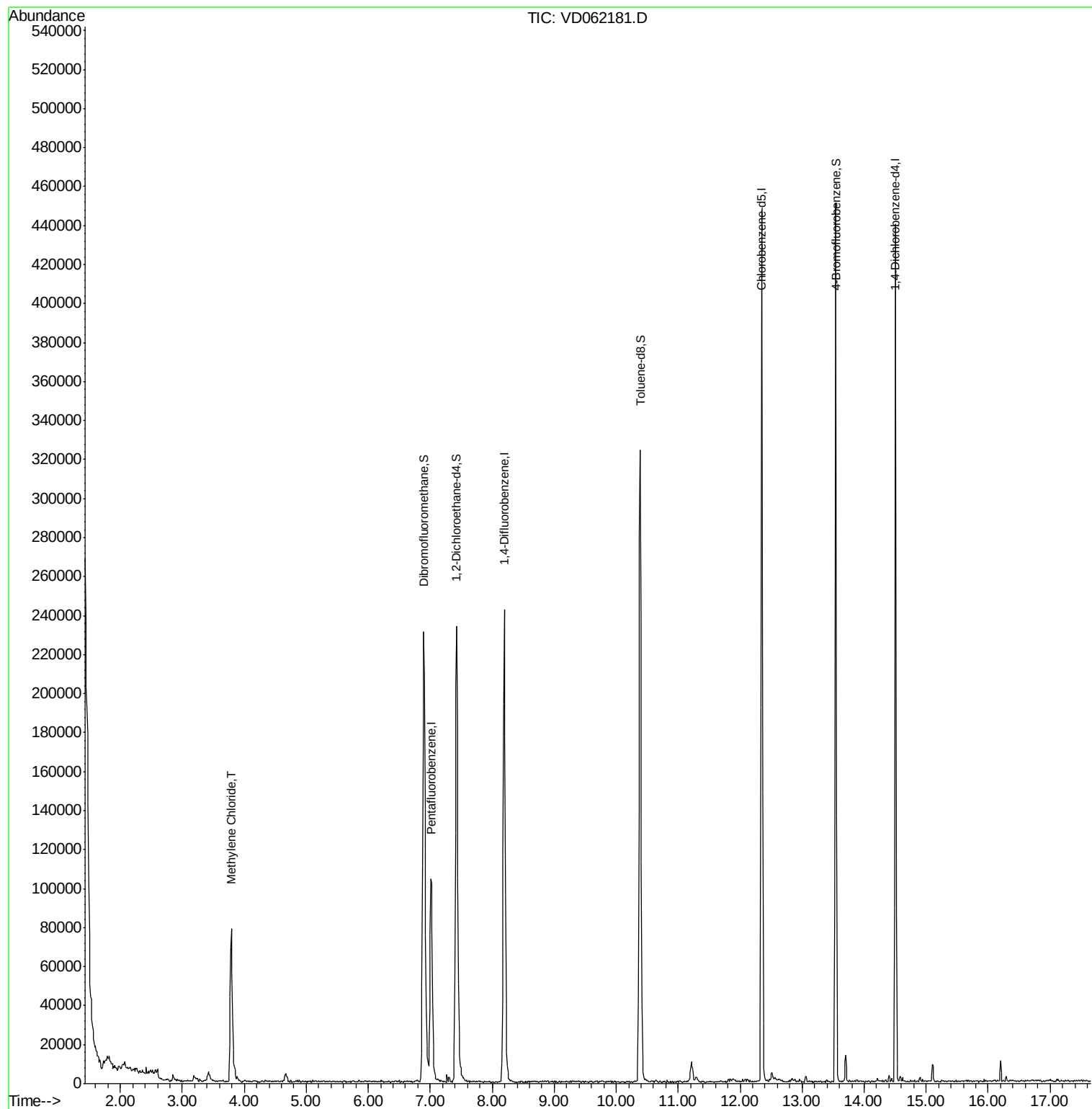
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	103624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	254243	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	253372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	103660	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	250387	260.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	520.02%	
35) Dibromofluoromethane	6.89	113	205886	97.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	195.20%	
50) Toluene-d8	10.39	98	270216	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
62) 4-Bromofluorobenzene	13.55	95	136013	66.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.18%	
Target Compounds						
20) Methylene Chloride	3.79	84	52174	61.875	ug/l #	96

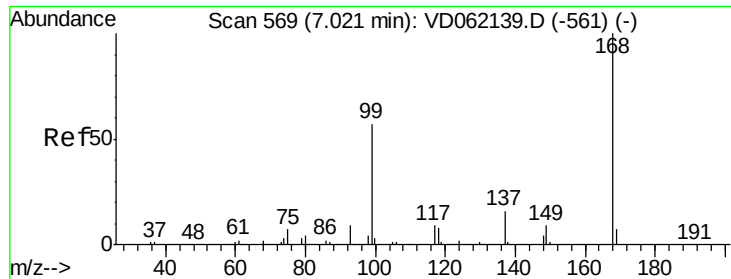
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.00 min

Lab File: VD062181.D

Acq: 8 May 2019 18:31

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MSVOA_D

ClientSampleId :

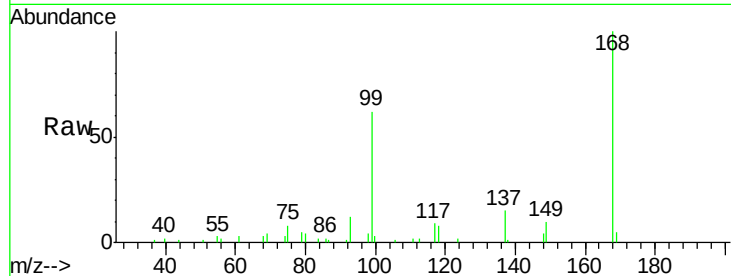
P026-SS002-1218-01

Tot Ion:168 Resp: 103624

Ion Ratio Lower Upper

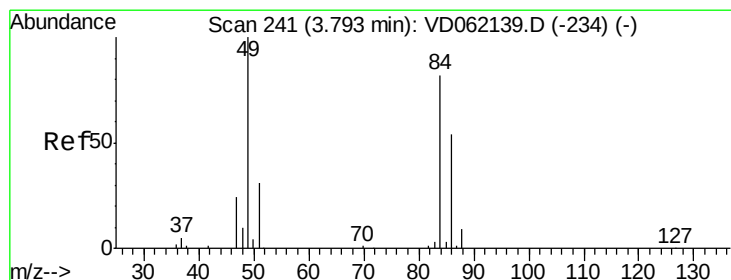
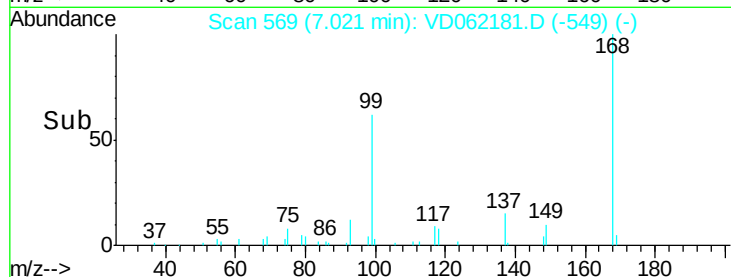
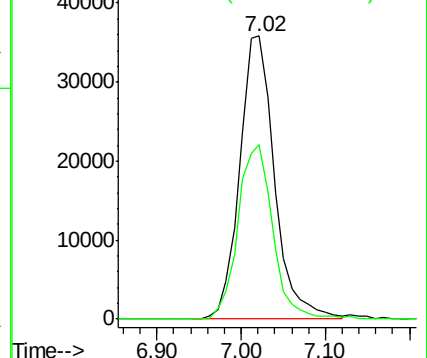
168 100

99 61.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 61.875 ug/l

RT: 3.79 min Scan# 241

Delta R.T. 0.00 min

Lab File: VD062181.D

Acq: 8 May 2019 18:31

Tgt Ion: 84 Resp: 52174

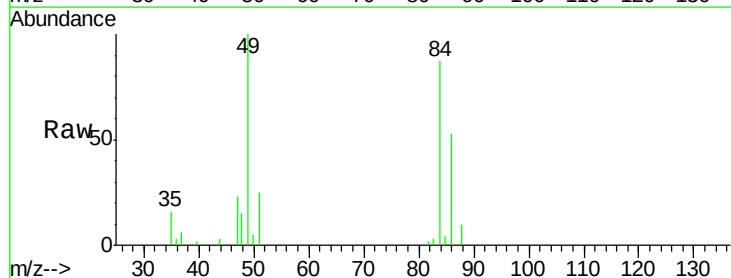
Ion Ratio Lower Upper

84 100

49 114.6 94.0 141.0

51 28.9 29.0 43.4#

86 60.4 49.8 74.6

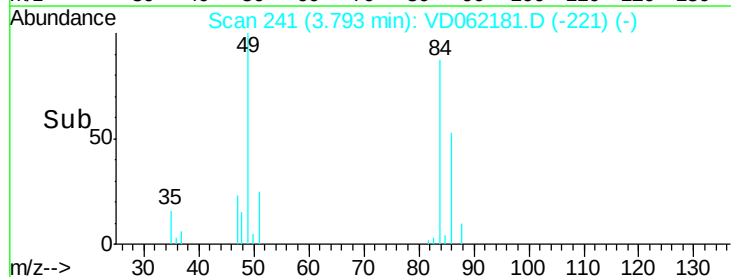
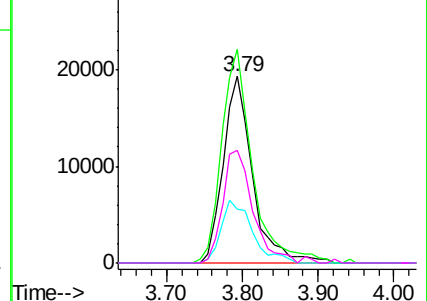


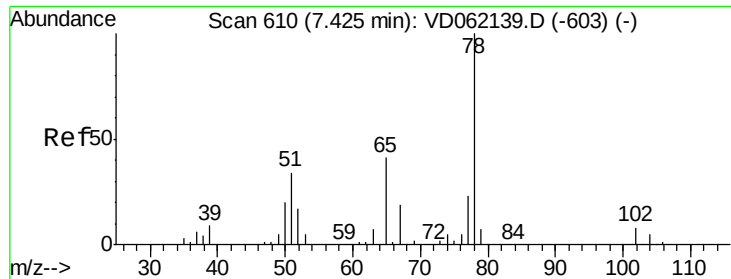
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

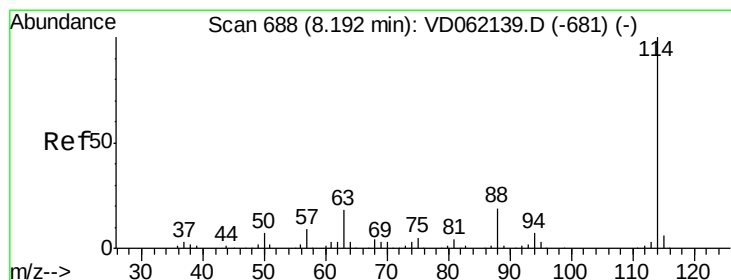
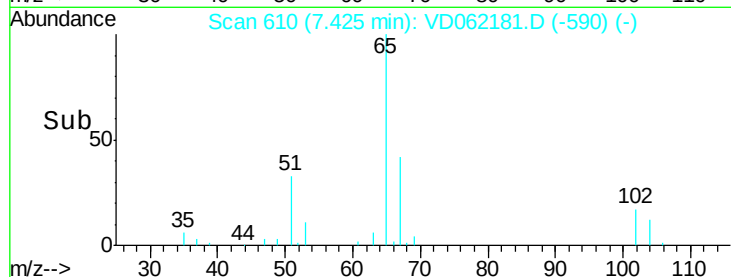
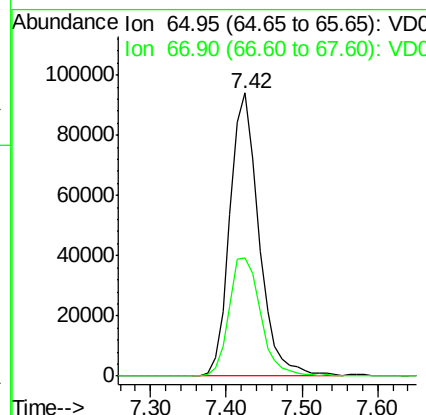
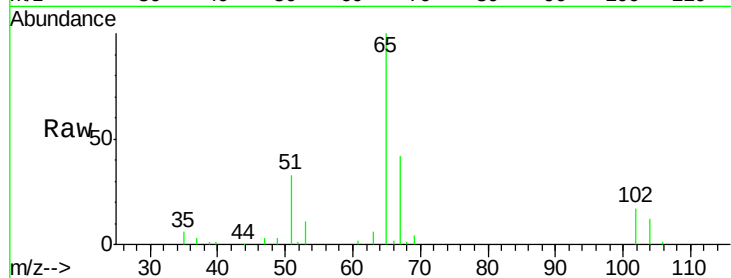




#33
 1,2-Dichloroethane-d4
 Concen: 260.010 ug/l
 RT: 7.42 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VD062181.D
 Acq: 8 May 2019 18:31

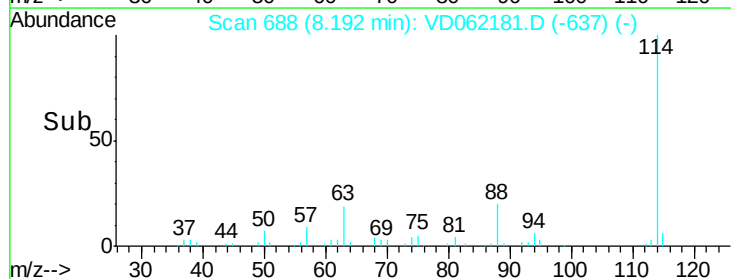
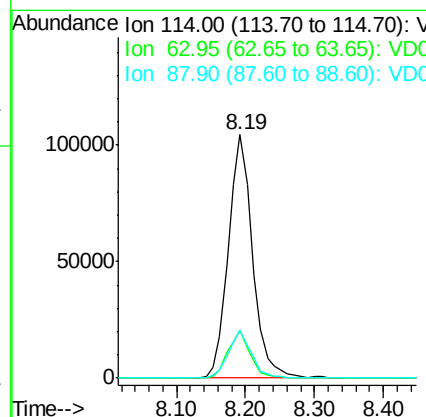
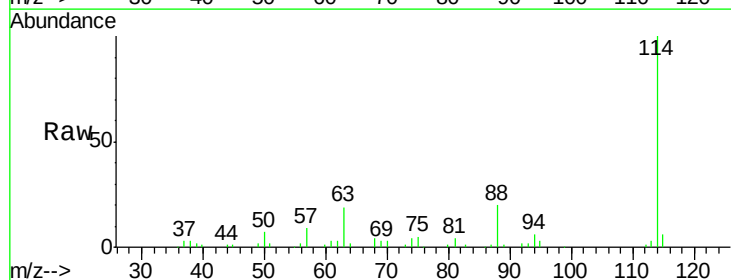
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1218-01

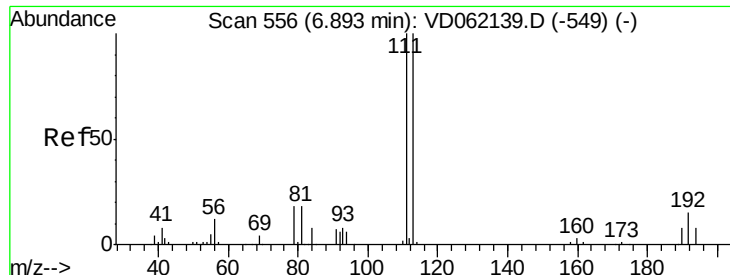
Tot Ion: 65 Resp: 250387
 Ion Ratio Lower Upper
 65 100
 67 41.6 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: VD062181.D
 Acq: 8 May 2019 18:31

Tgt Ion: 114 Resp: 254243
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 32.4
 88 19.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 97.600 ug/l

RT: 6.89 min Scan# 556

Delta R.T. 0.00 min

Lab File: VD062181.D

Acq: 8 May 2019 18:31

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-01

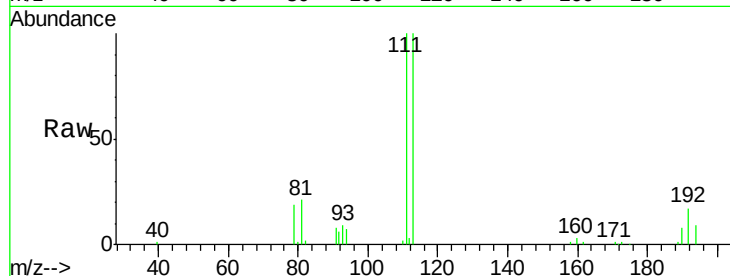
Tot Ion:113 Resp: 205886

Ion Ratio Lower Upper

113 100

111 100.3 78.5 117.7

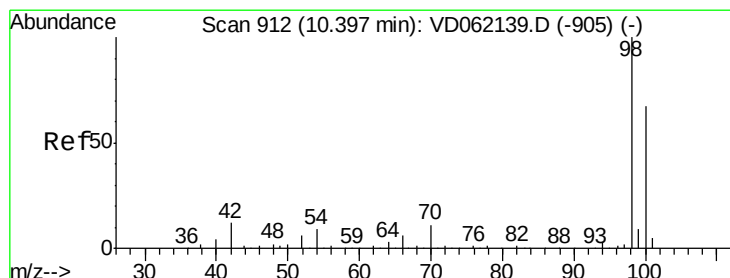
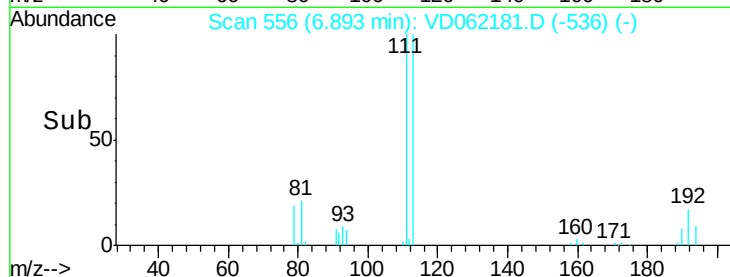
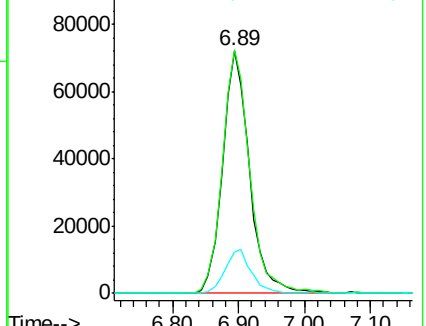
192 17.1 13.0 19.4



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: 53.128 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD062181.D

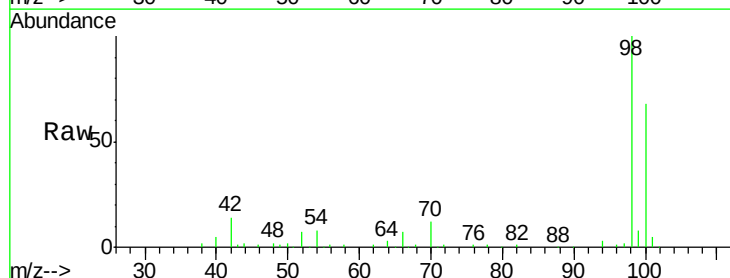
Acq: 8 May 2019 18:31

Tgt Ion: 98 Resp: 270216

Ion Ratio Lower Upper

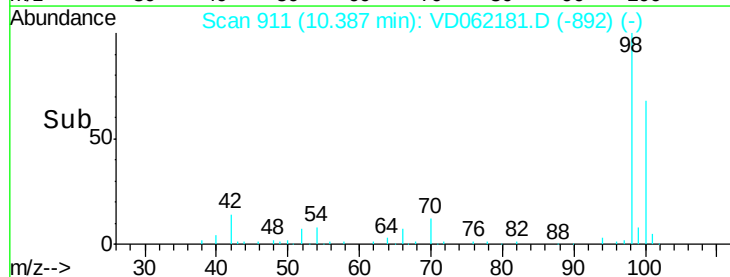
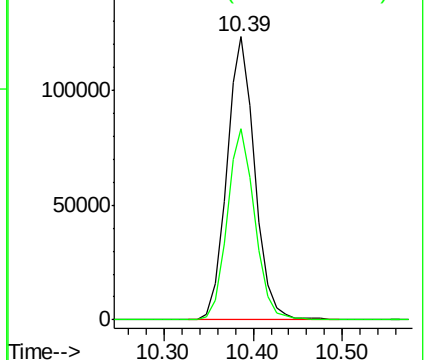
98 100

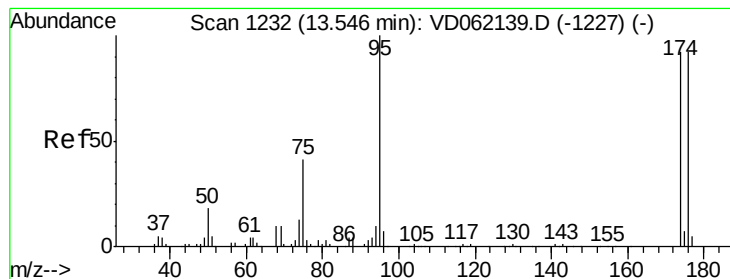
100 67.7 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 66.595 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062181.D

Acq: 8 May 2019 18:31

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-01

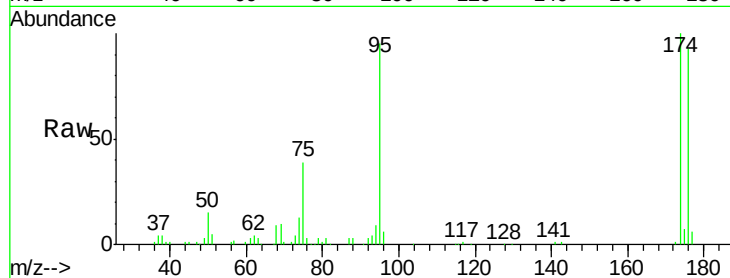
Tot Ion: 95 Resp: 136013

Ion Ratio Lower Upper

95 100

174 105.4 0.0 181.8

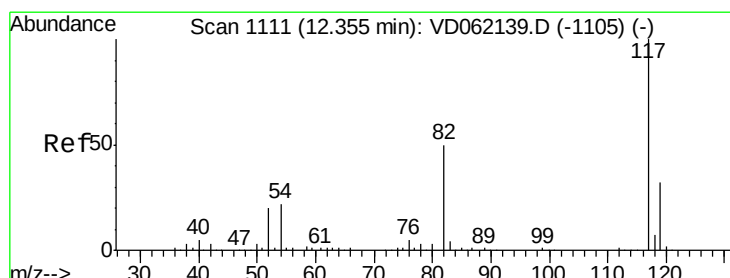
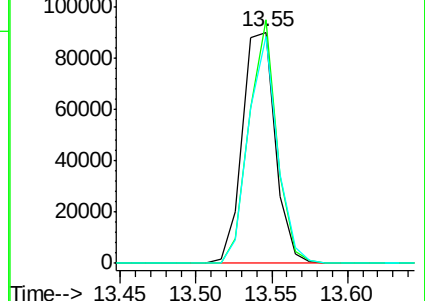
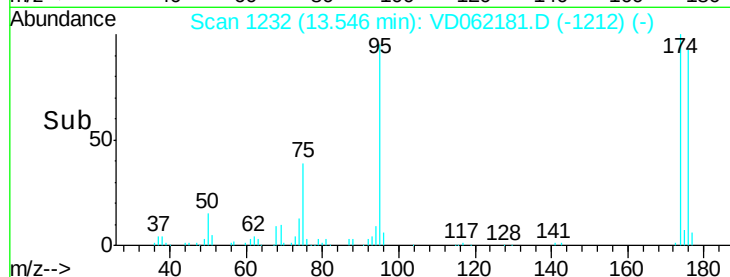
176 98.1 0.0 174.4



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: 12.35 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD062181.D

Acq: 8 May 2019 18:31

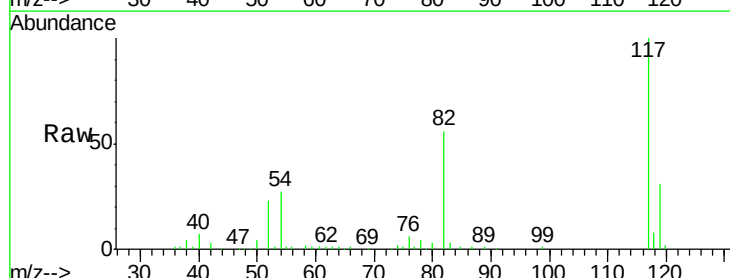
Tgt Ion: 117 Resp: 253372

Ion Ratio Lower Upper

117 100

82 56.1 36.2 54.2#

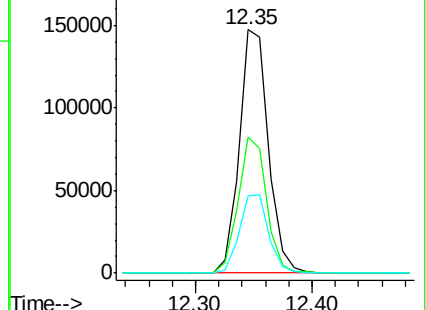
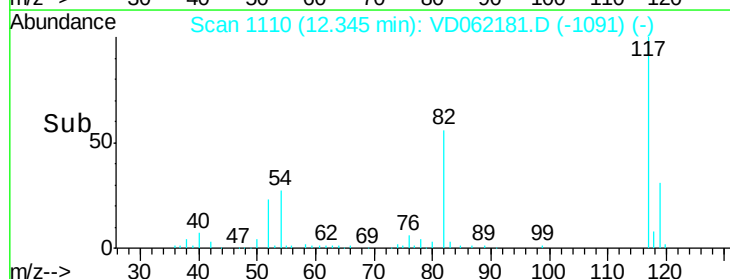
119 31.5 26.2 39.4

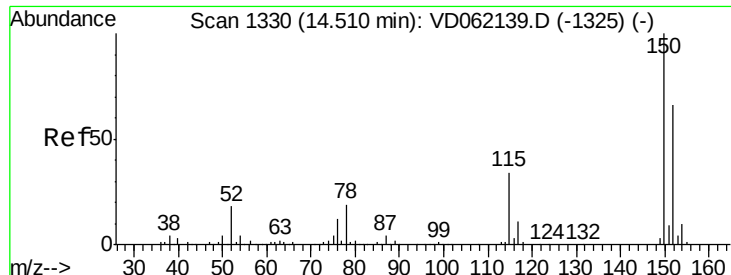


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD062181.D

Acq: 8 May 2019 18:31

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-01

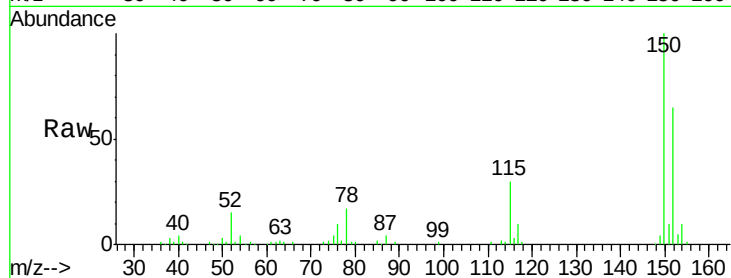
Tot Ion:152 Resp: 103660

Ion Ratio Lower Upper

152 100

115 45.7 30.9 92.7

150 153.0 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

