

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050719\
 Data File : VD062145.D
 Acq On : 7 May 2019 20:56
 Operator : FY/SY
 Sample : VD0507SBL01
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBL01

Quant Time: May 08 05:14:04 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

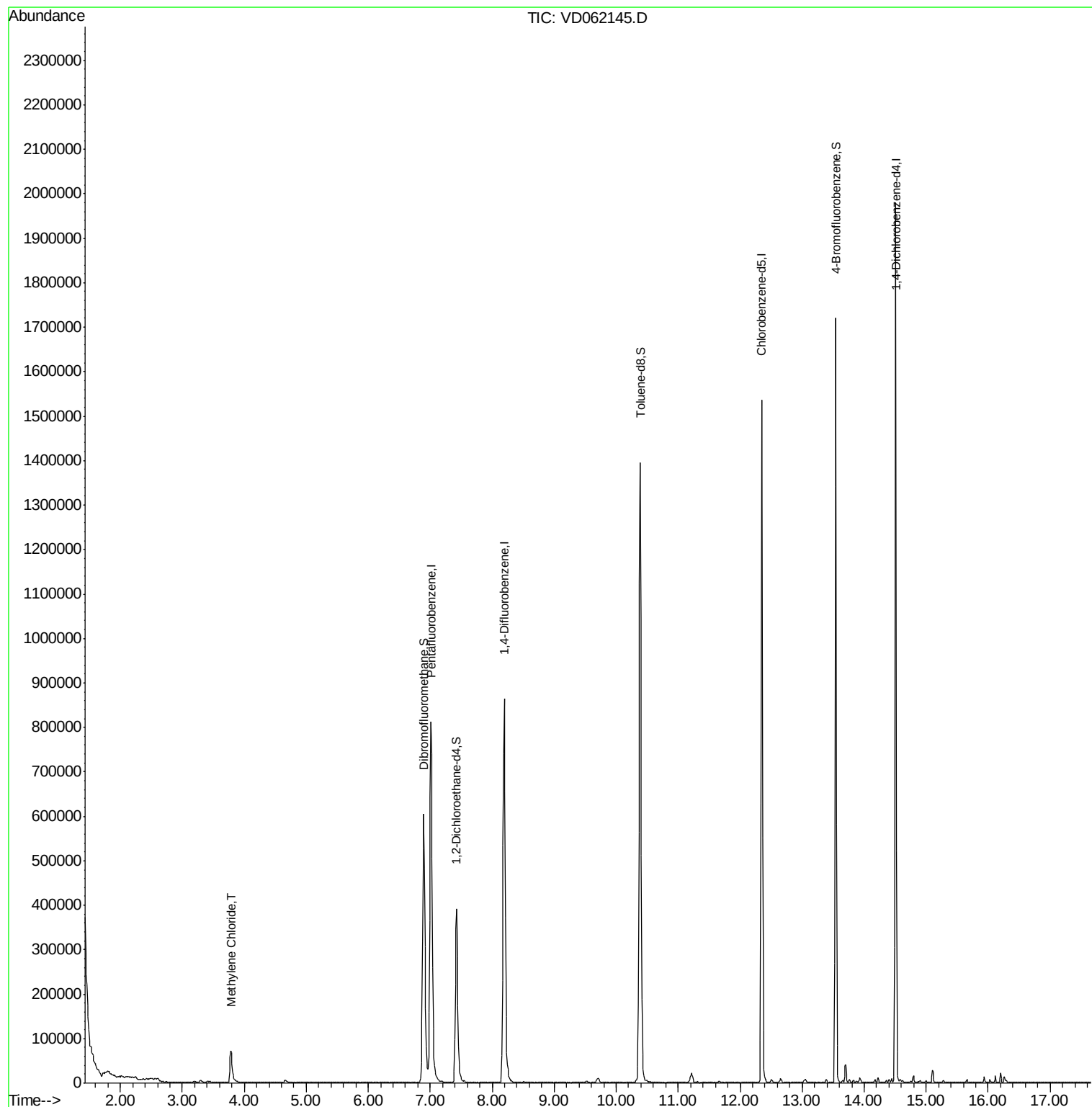
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	807080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	1024855	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	948846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	485286	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	398007	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
35) Dibromofluoromethane	6.89	113	531287	62.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.96%	
50) Toluene-d8	10.39	98	1160552	56.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.22%	
62) 4-Bromofluorobenzene	13.55	95	495315	60.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.32%	
Target Compounds						
20) Methylene Chloride	3.78	84	48632	7.405	ug/l	Qvalue 94

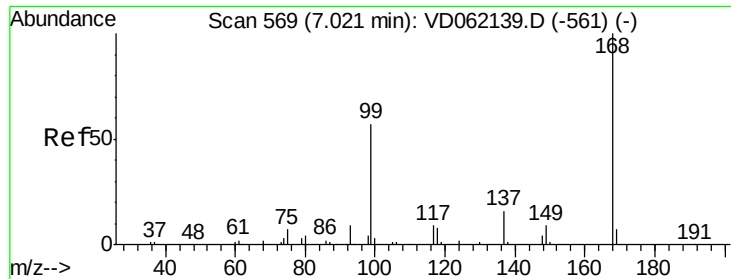
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.01 min Scan# 568

Delta R.T. -0.01 min

Lab File: VD062145.D

Acq: 7 May 2019 20:56

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MSVOA_D

ClientSampleId :

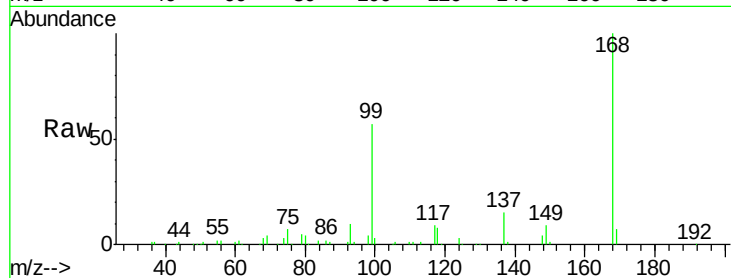
VD0507SBL01

Tot Ion:168 Resp: 807080

Ion Ratio Lower Upper

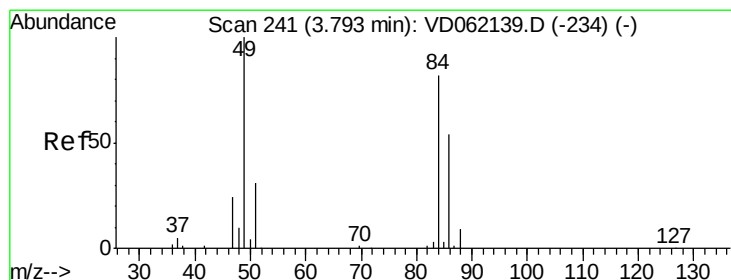
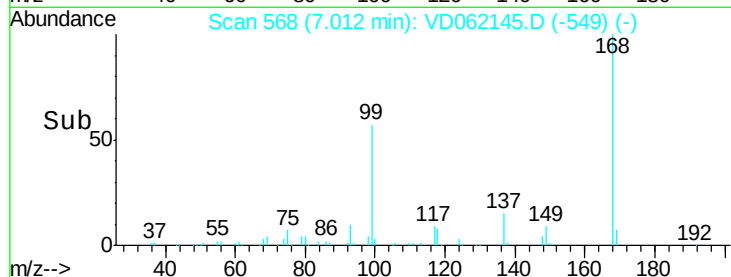
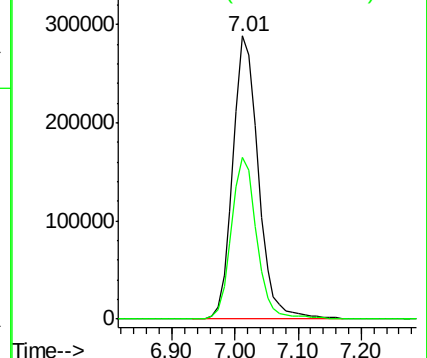
168 100

99 57.2 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: 7.405 ug/l

RT: 3.78 min Scan# 240

Delta R.T. -0.01 min

Lab File: VD062145.D

Acq: 7 May 2019 20:56

Tgt Ion: 84 Resp: 48632

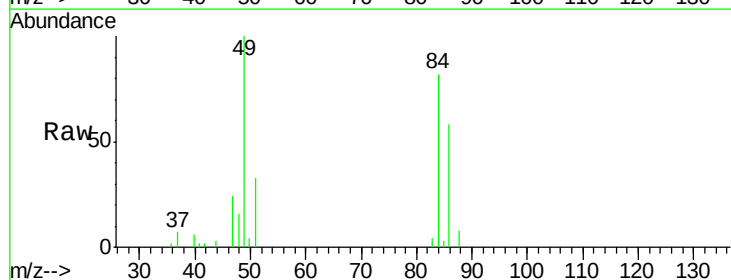
Ion Ratio Lower Upper

84 100

49 121.4 94.0 141.0

51 40.2 29.0 43.4

86 70.8 49.8 74.6

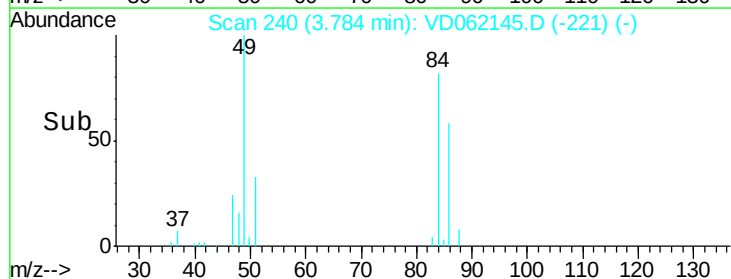
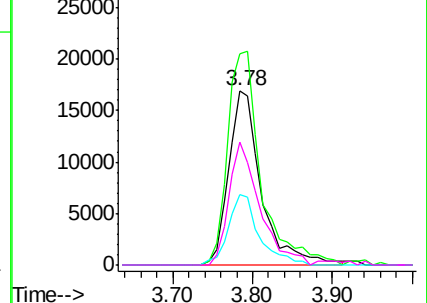


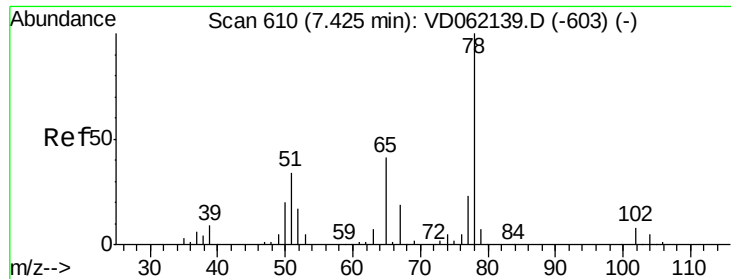
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

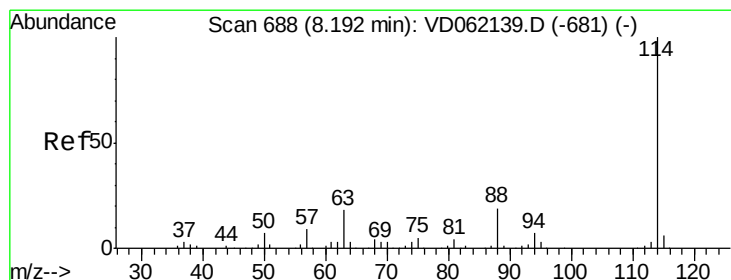
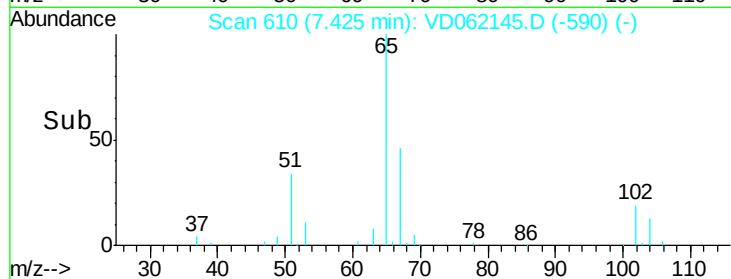
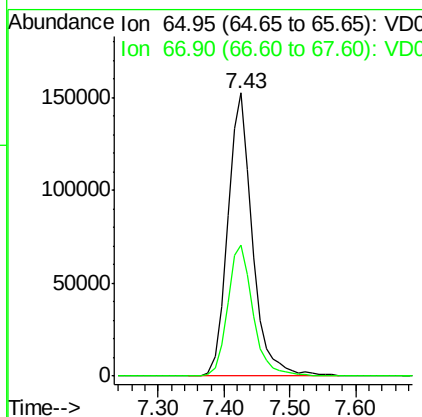
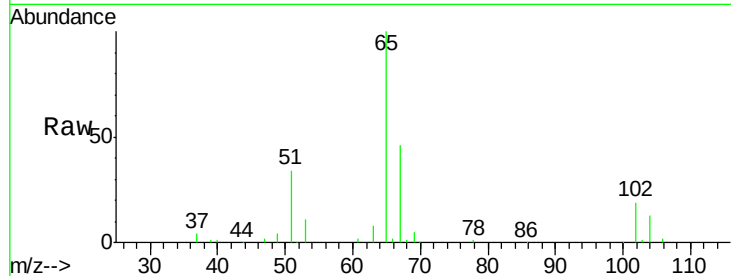




#33
 1,2-Dichloroethane-d4
 Concen: 53.066 ug/l
 RT: 7.43 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VD062145.D
 Acq: 7 May 2019 20:56

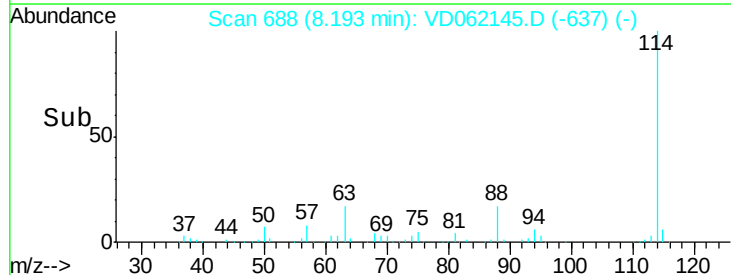
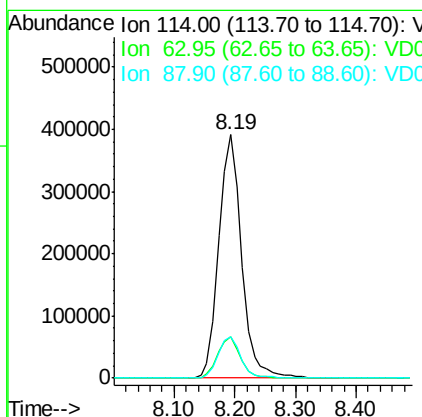
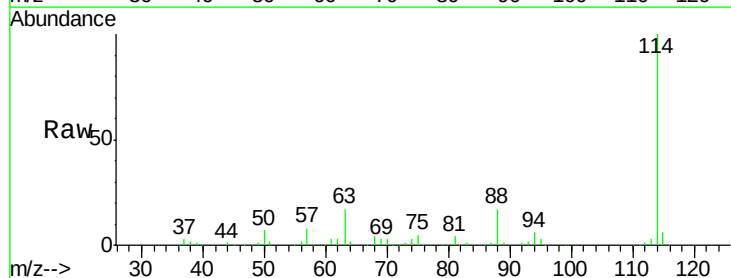
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBL01

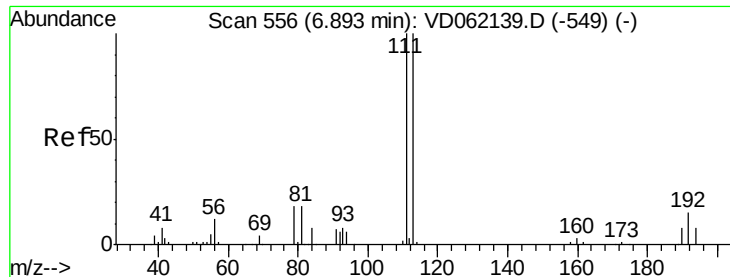
Tot Ion: 65 Resp: 398007
 Ion Ratio Lower Upper
 65 100
 67 46.1 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: VD062145.D
 Acq: 7 May 2019 20:56

Tgt Ion: 114 Resp: 1024855
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 32.4
 88 16.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 62.480 ug/l

RT: 6.89 min Scan# 556

Delta R.T. 0.00 min

Lab File: VD062145.D

Acq: 7 May 2019 20:56

Instrument :

MSVOA_D

ClientSampleId :

VD0507SBL01

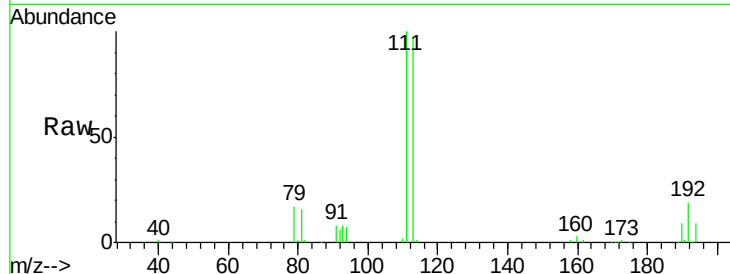
Tot Ion:113 Resp: 531287

Ion Ratio Lower Upper

113 100

111 102.7 78.5 117.7

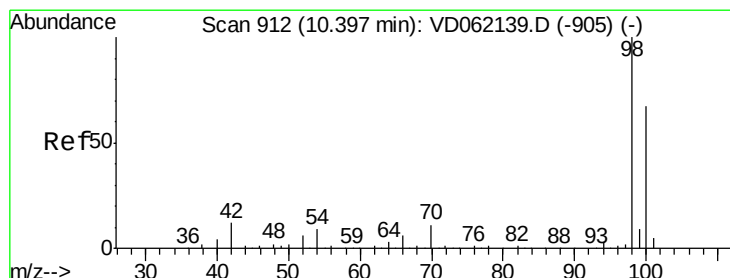
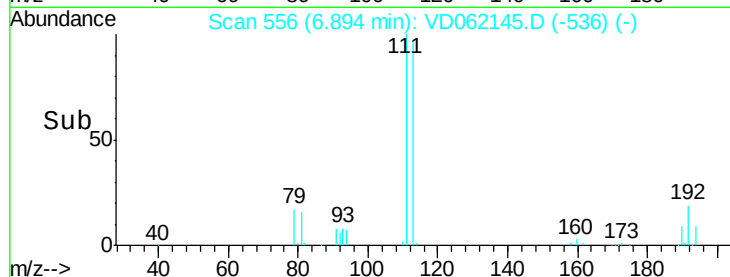
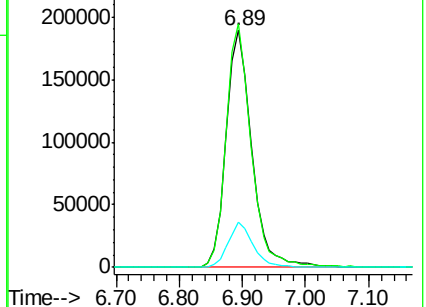
192 19.1 13.0 19.4



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: 56.606 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD062145.D

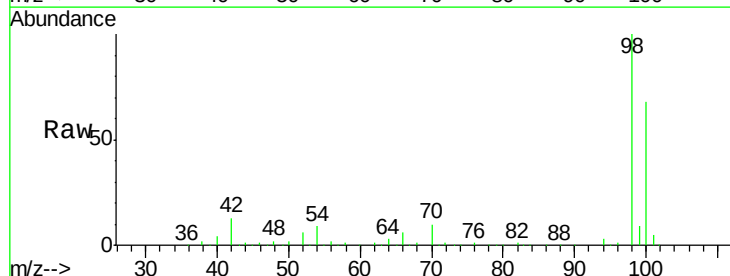
Acq: 7 May 2019 20:56

Tgt Ion: 98 Resp: 1160552

Ion Ratio Lower Upper

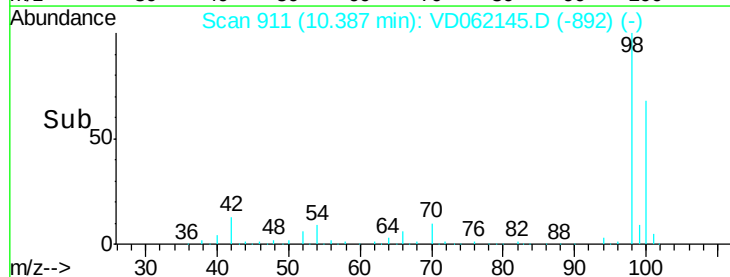
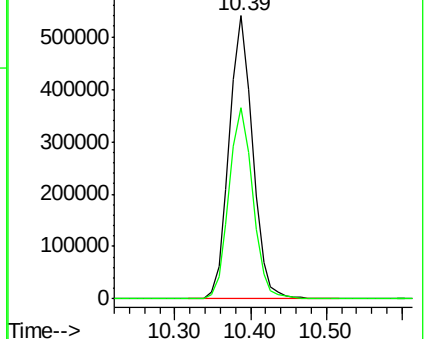
98 100

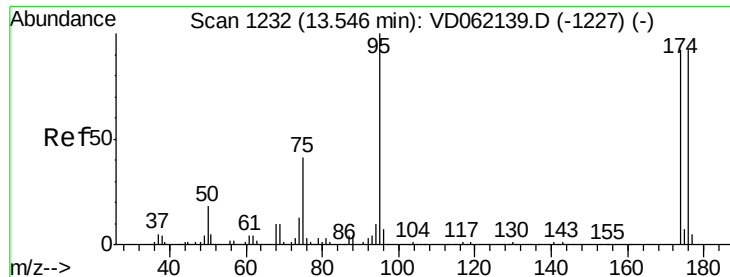
100 67.7 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 60.163 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062145.D

Acq: 7 May 2019 20:56

Instrument :

MSVOA_D

ClientSampleId :

VD0507SBL01

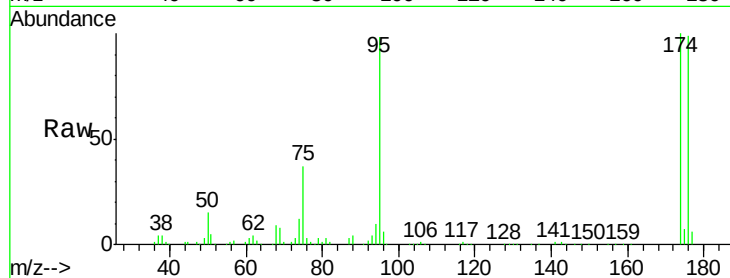
Tot Ion: 95 Resp: 495315

Ion Ratio Lower Upper

95 100

174 102.0 0.0 181.8

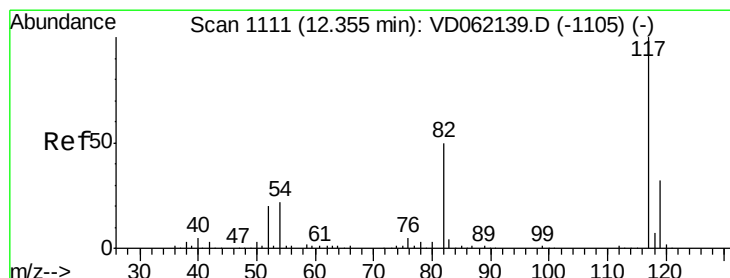
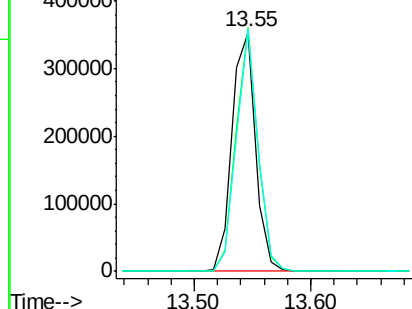
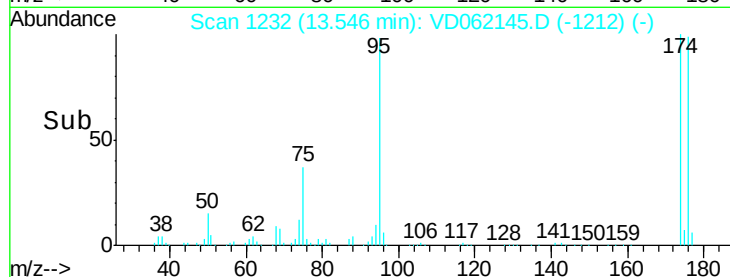
176 101.3 0.0 174.4



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: VD062145.D

Acq: 7 May 2019 20:56

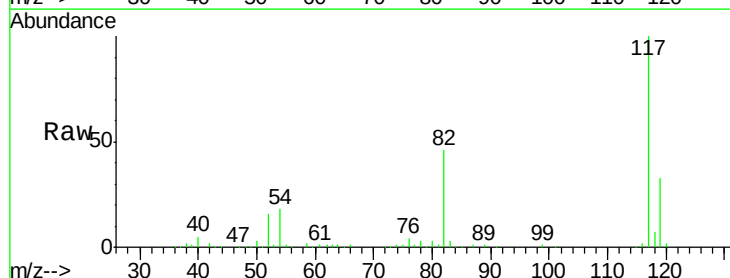
Tgt Ion: 117 Resp: 948846

Ion Ratio Lower Upper

117 100

82 46.4 36.2 54.2

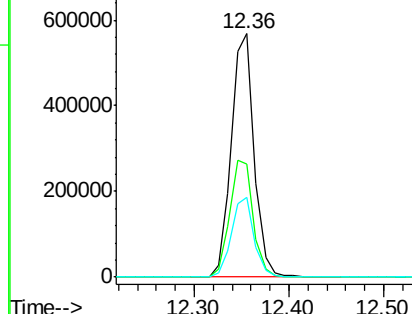
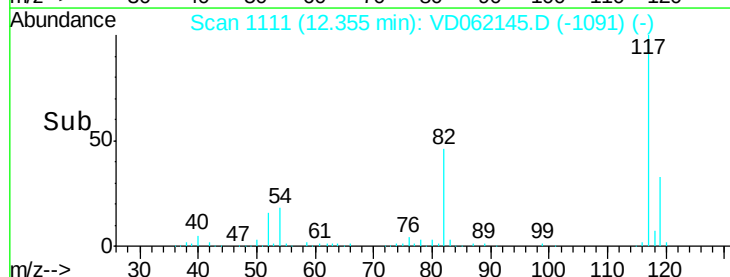
119 32.5 26.2 39.4

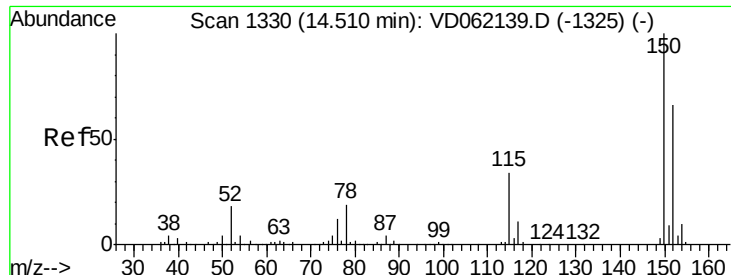


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD062145.D

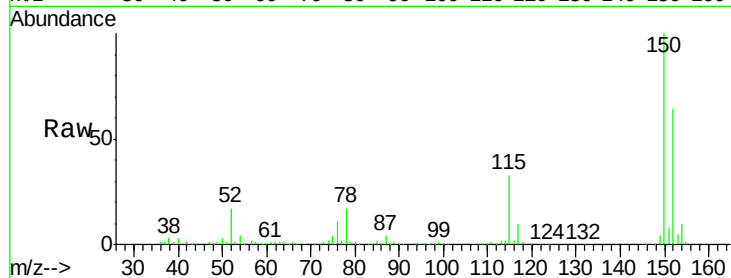
Acq: 7 May 2019 20:56

Instrument :

MSVOA_D

ClientSampleId :

VD0507SBL01



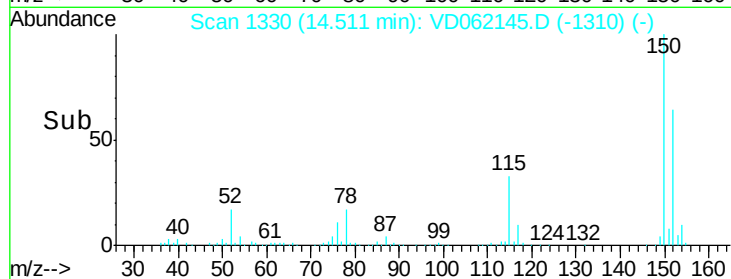
Tot Ion:152 Resp: 485286

Ion Ratio Lower Upper

152 100

115 52.0 30.9 92.7

150 156.4 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

