

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071919\
 Data File : VD063164.D
 Acq On : 19 Jul 2019 20:03
 Operator : VA/AP
 Sample : K3811-01RE
 Misc : 5.09g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-2(PLAY-AREA)-0-6RE

Quant Time: Jul 20 05:47:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

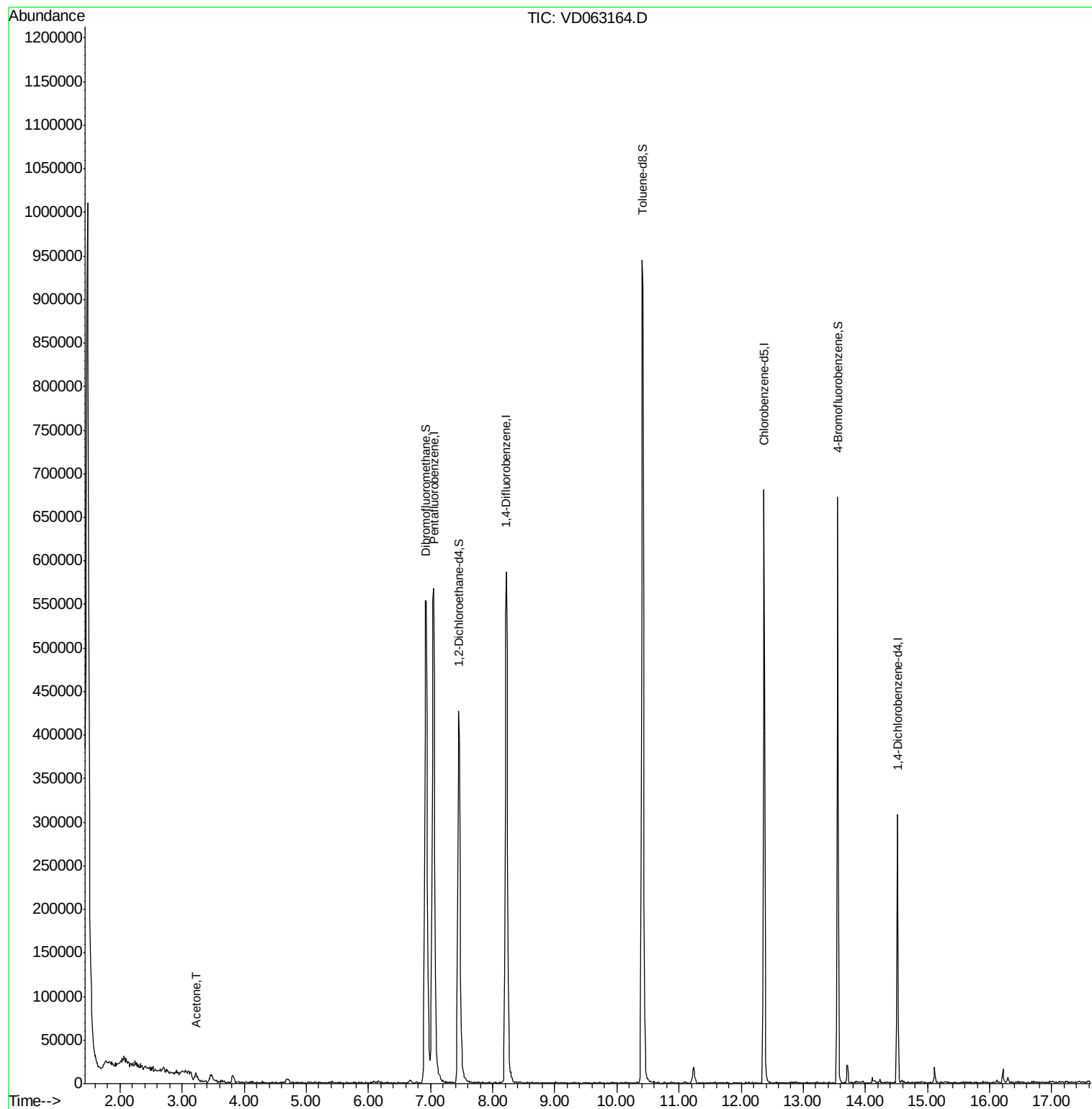
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	547055	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	656687	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	351992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	71063	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	506615	74.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	148.68%	
35) Dibromofluoromethane	6.92	113	493683	75.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	150.96%	
50) Toluene-d8	10.42	98	767031	54.59	ug/l	0.02
Spiked Amount 50.000			Recovery	=	109.18%	
62) 4-Bromofluorobenzene	13.56	95	176079	27.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.18%	
Target Compounds						
16) Acetone	3.22	43	15970	9.703	ug/l #	Qvalue 81

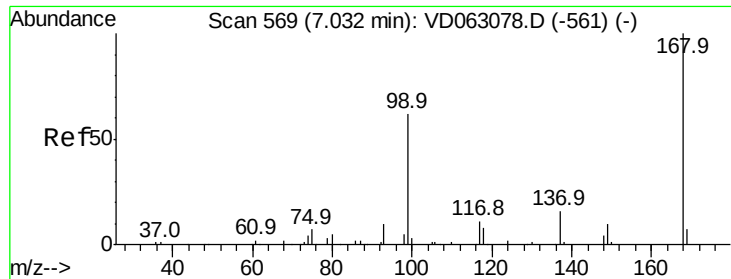
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD063164.D

Acq: 19 Jul 2019 20:03

Instrument :

MSVOA_D

ClientSampleId :

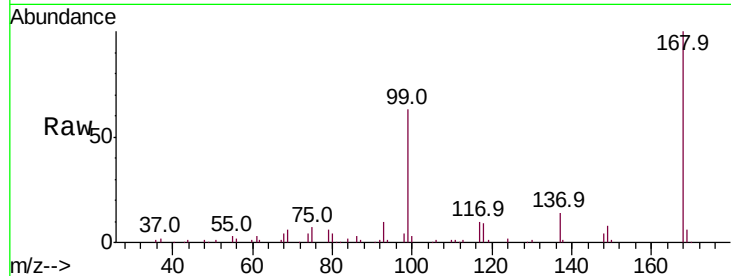
S-2(PLAY-AREA)-0-6RE

Tot Ion:168 Resp: 547055

Ion Ratio Lower Upper

168 100

99 62.6 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

200000

150000

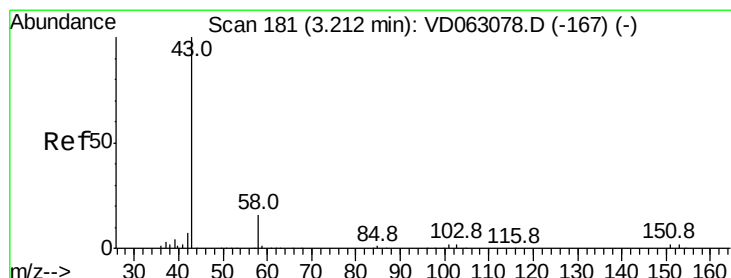
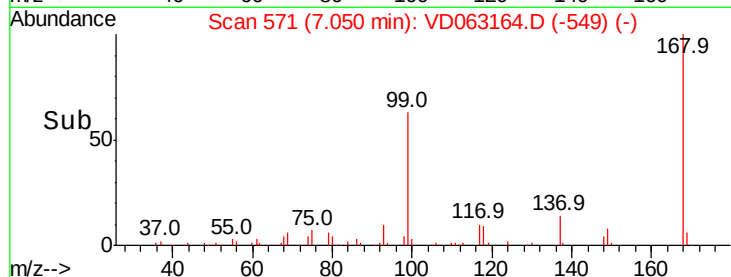
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 9.703 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD063164.D

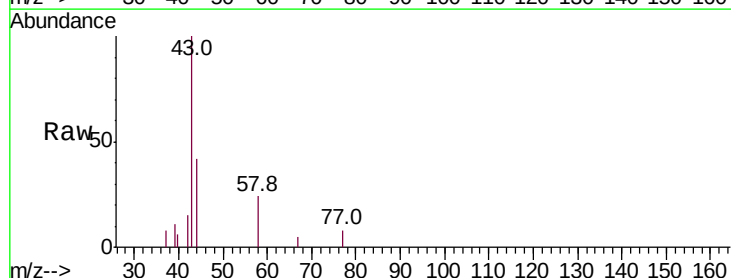
Acq: 19 Jul 2019 20:03

Tgt Ion: 43 Resp: 15970

Ion Ratio Lower Upper

43 100

58 24.3 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

6000

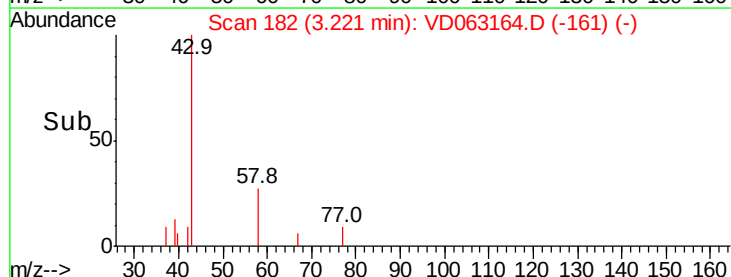
4000

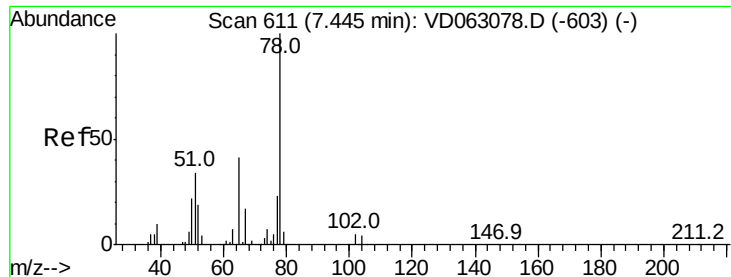
2000

0

Time-->

3.10 3.15 3.20 3.25 3.30





#33

1,2-Dichloroethane-d4

Concen: 74.342 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063164.D

Acq: 19 Jul 2019 20:03

Instrument :

MSVOA_D

ClientSampleId :

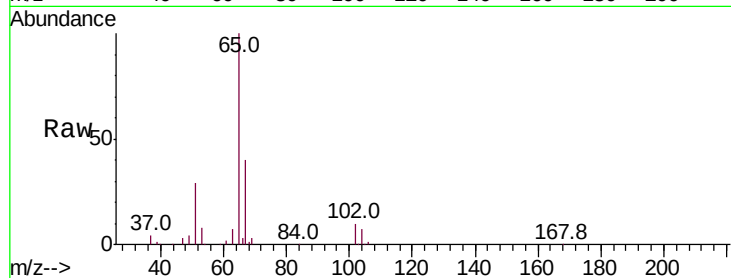
S-2(PLAY-AREA)-0-6RE

Tot Ion: 65 Resp: 506615

Ion Ratio Lower Upper

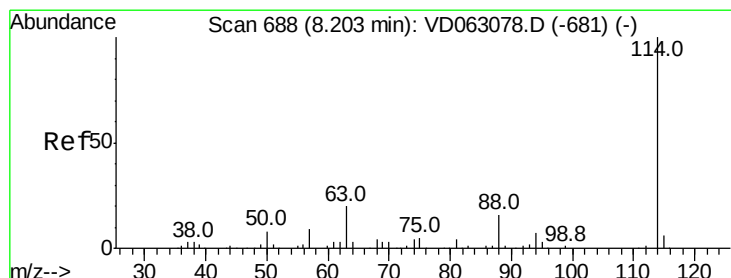
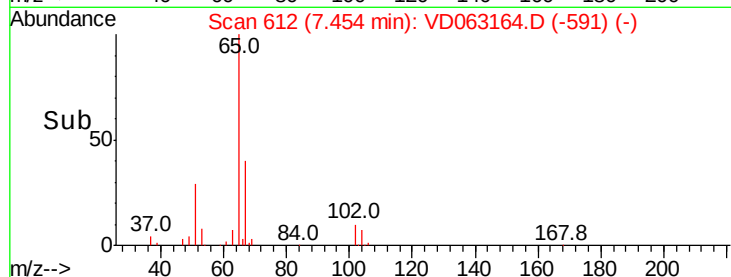
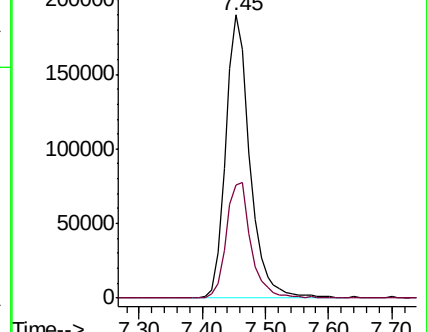
65 100

67 40.1 0.0 86.0



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: VD063164.D

Acq: 19 Jul 2019 20:03

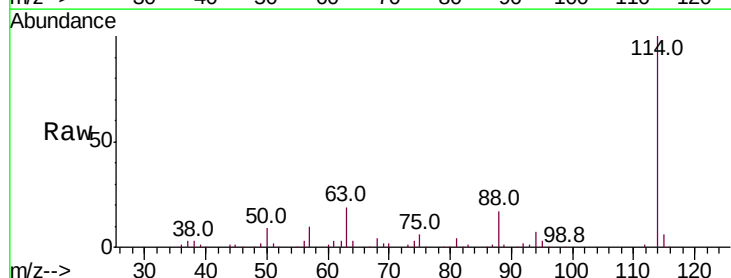
Tgt Ion: 114 Resp: 656687

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.6

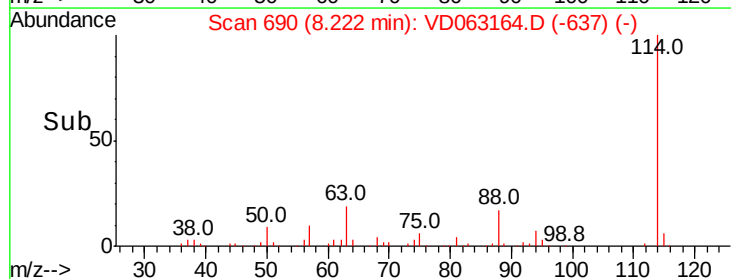
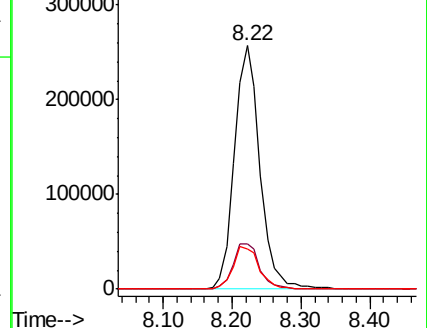
88 16.7 0.0 32.6

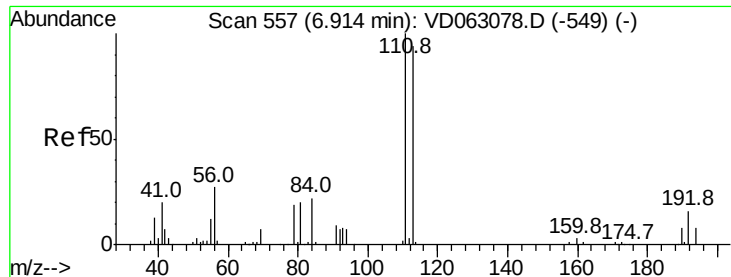


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

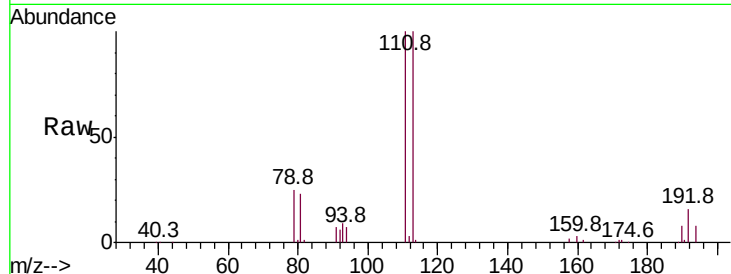




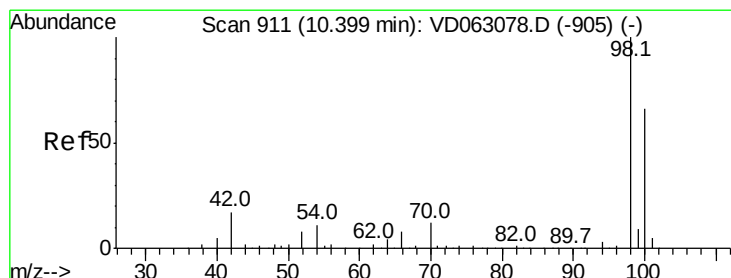
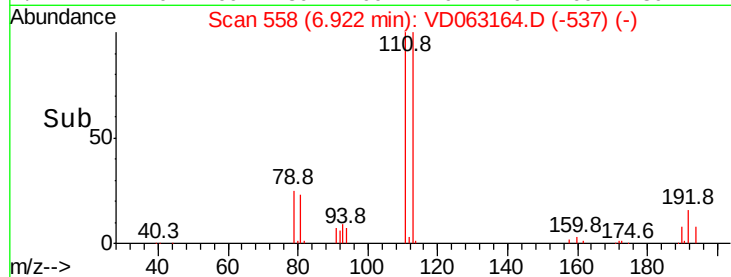
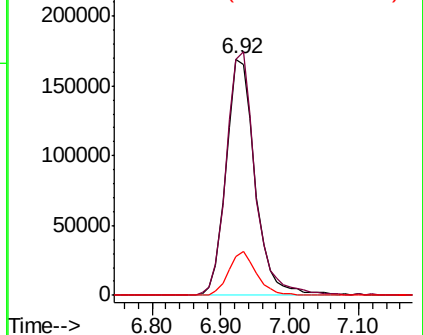
#35
 Dibromofluoromethane
 Concen: 75.478 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD063164.D
 Acq: 19 Jul 2019 20:03

Instrument :
 MSVOA_D
 ClientSampleId :
 S-2(PLAY-AREA)-0-6RE

Tot Ion:113 Resp: 493683
 Ion Ratio Lower Upper
 113 100
 111 100.0 84.8 127.2
 192 16.5 13.4 20.0

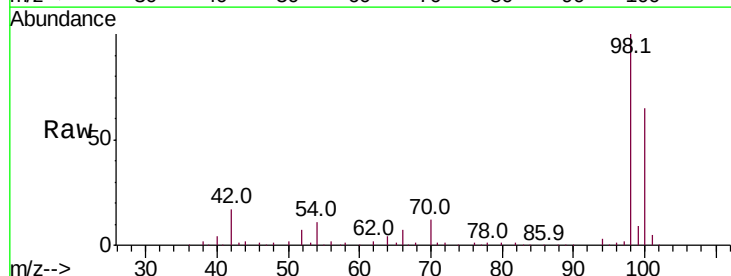


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

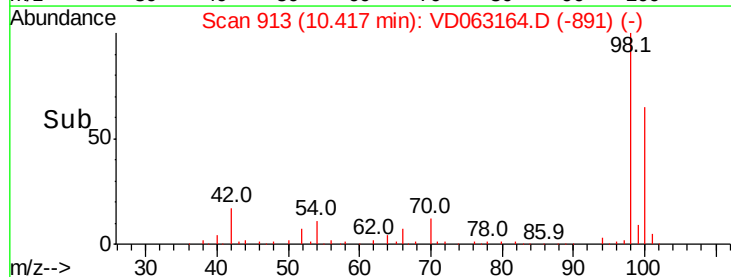
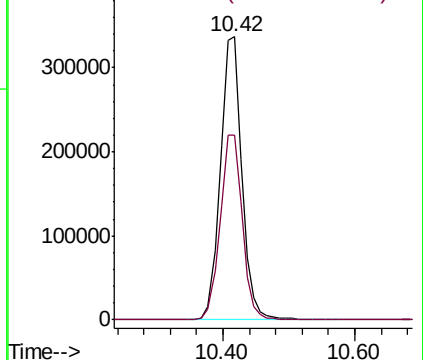


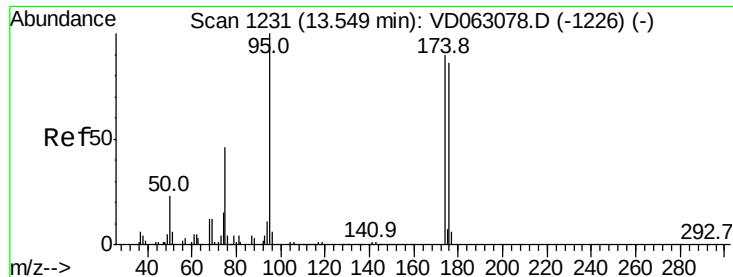
#50
 Toluene-d8
 Concen: 54.595 ug/l
 RT: 10.42 min Scan# 913
 Delta R.T. 0.02 min
 Lab File: VD063164.D
 Acq: 19 Jul 2019 20:03

Tgt Ion: 98 Resp: 767031
 Ion Ratio Lower Upper
 98 100
 100 65.1 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): VD
 Ion 100.05 (99.75 to 100.75): VD





#62

4-Bromofluorobenzene

Concen: 27.090 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD063164.D

Acq: 19 Jul 2019 20:03

Instrument :

MSVOA_D

ClientSampleId :

S-2(PLAY-AREA)-0-6RE

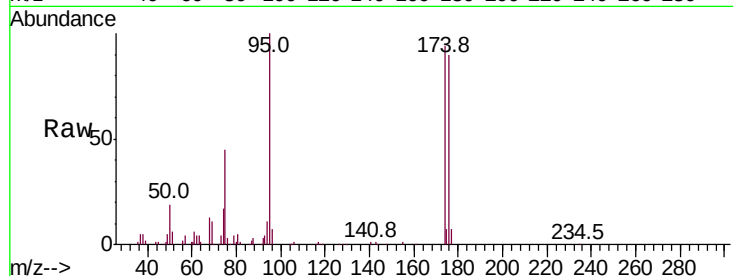
Tot Ion: 95 Resp: 176079

Ion Ratio Lower Upper

95 100

174 94.2 0.0 180.6

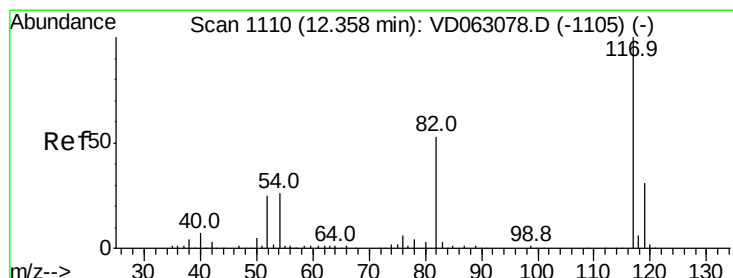
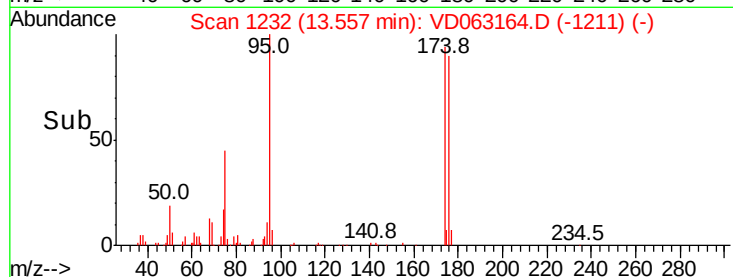
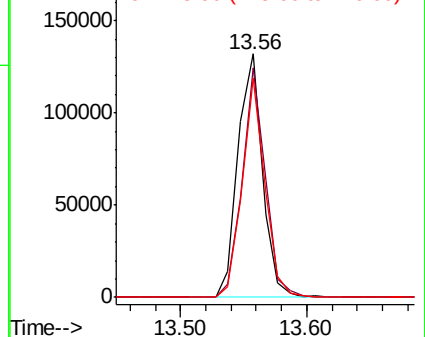
176 90.1 0.0 172.2



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: 12.37 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VD063164.D

Acq: 19 Jul 2019 20:03

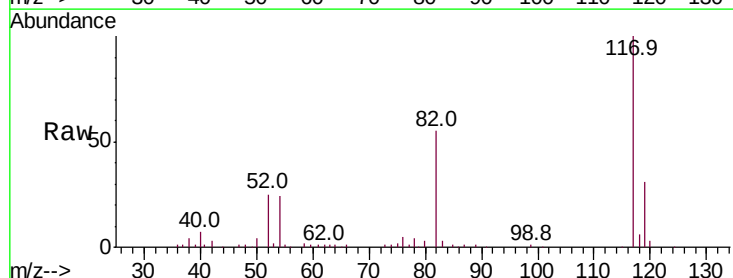
Tgt Ion: 117 Resp: 351992

Ion Ratio Lower Upper

117 100

82 54.6 42.3 63.5

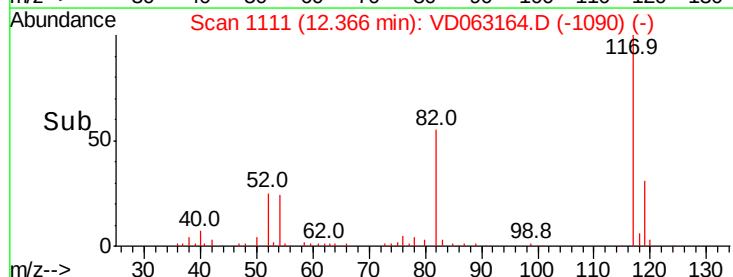
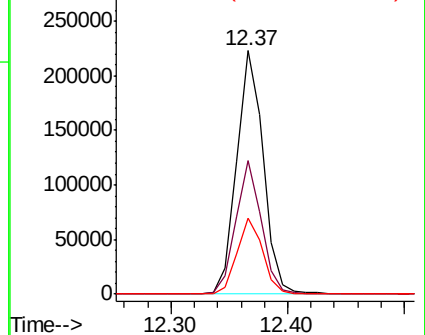
119 31.3 25.2 37.8

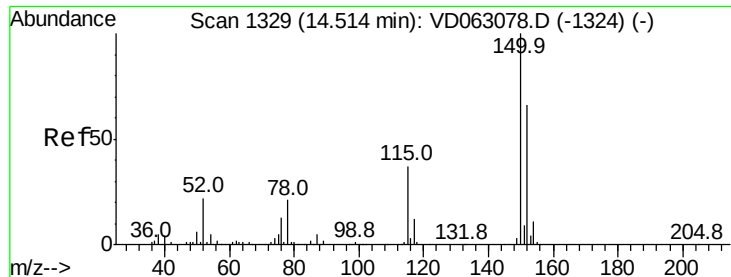


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.52 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD063164.D

Acq: 19 Jul 2019 20:03

Instrument :

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ClientSampleId :

S-2(PLAY-AREA)-0-6RE

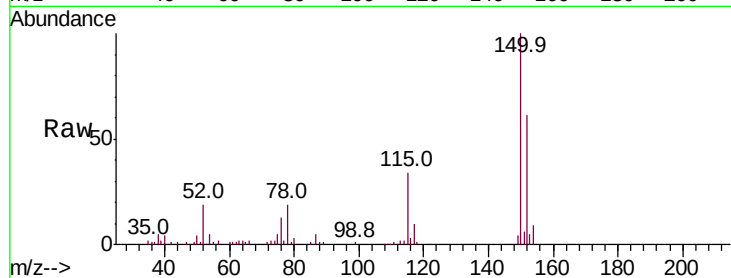
Tot Ion:152 Resp: 71063

Ion Ratio Lower Upper

152 100

115 55.1 28.9 86.8

150 164.4 0.0 313.8



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

