

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080119\
 Data File : VD063296.D
 Acq On : 1 Aug 2019 16:56
 Operator : VA/AP
 Sample : K4120-06
 Misc : 4.70g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T2-3

Quant Time: Aug 02 08:14:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

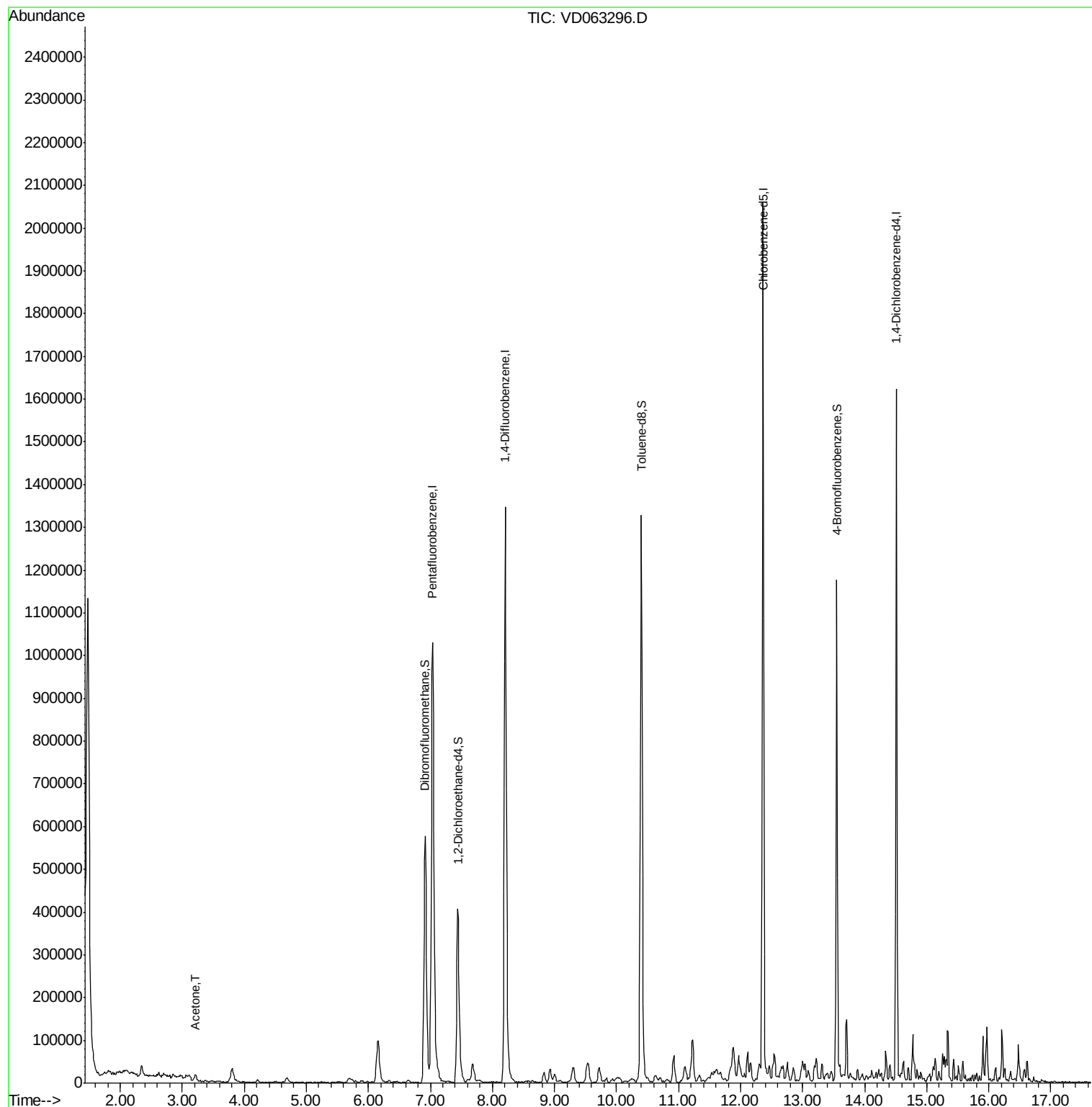
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1046985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1431807	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1108195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	391531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	436914	37.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.22%	
35) Dibromofluoromethane	6.92	113	523412	42.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.64%	
50) Toluene-d8	10.40	98	1088619	39.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.58%	
62) 4-Bromofluorobenzene	13.55	95	350691	28.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.26%	
Target Compounds						
16) Acetone	3.22	43	26100	11.531	ug/l	Qvalue 98

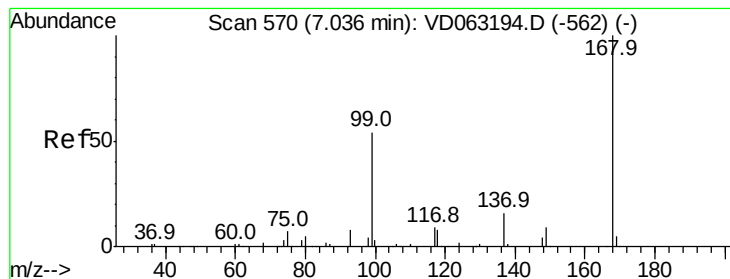
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD063296.D

Acq: 1 Aug 2019 16:56

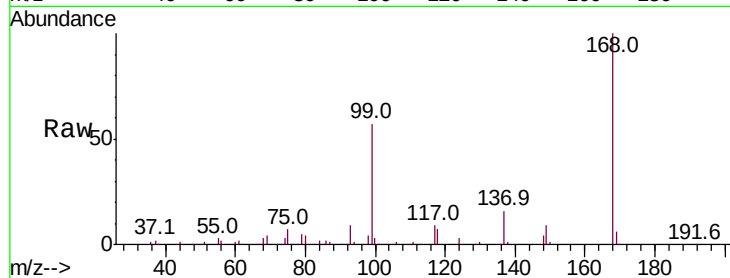
Instrument :
MSVOA_D
ClientSampleId :
T2-3

Tot Ion:168 Resp: 1046985

Ion Ratio Lower Upper

168 100

99 57.4 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

400000

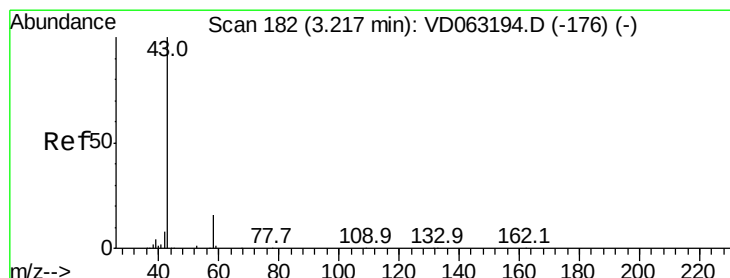
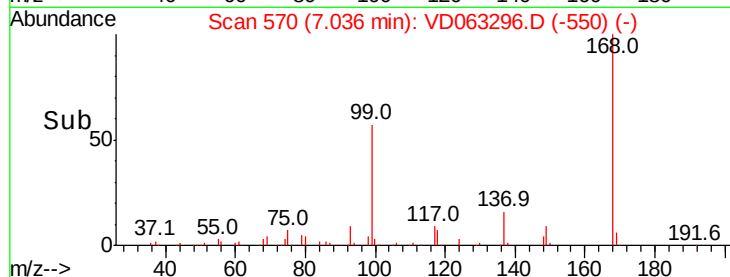
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 11.531 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD063296.D

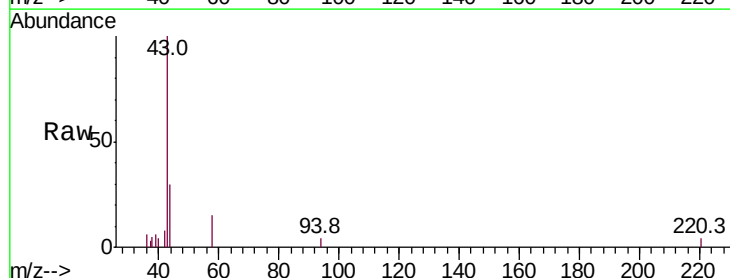
Acq: 1 Aug 2019 16:56

Tgt Ion: 43 Resp: 26100

Ion Ratio Lower Upper

43 100

58 15.4 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

10000

8000

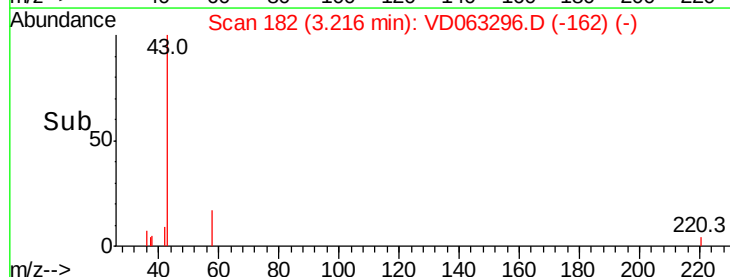
6000

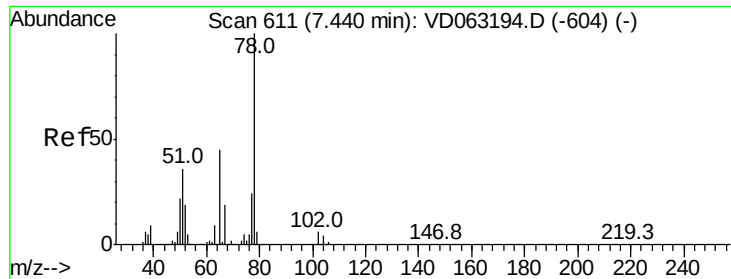
4000

2000

0

Time-->

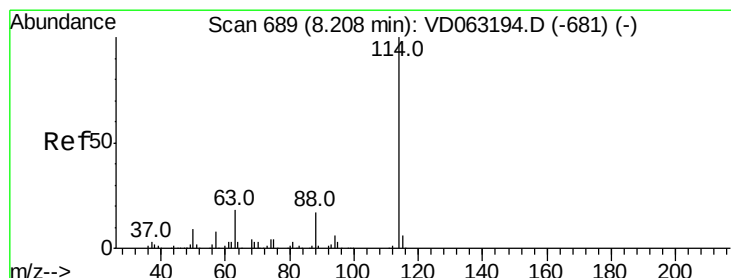
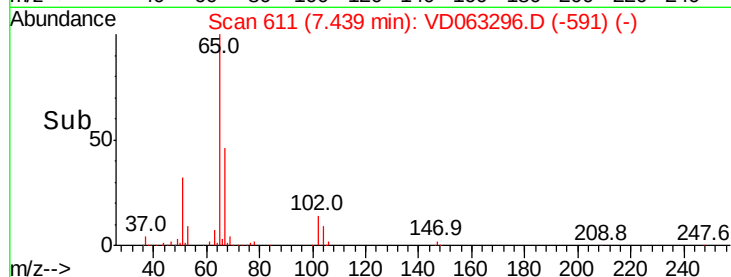
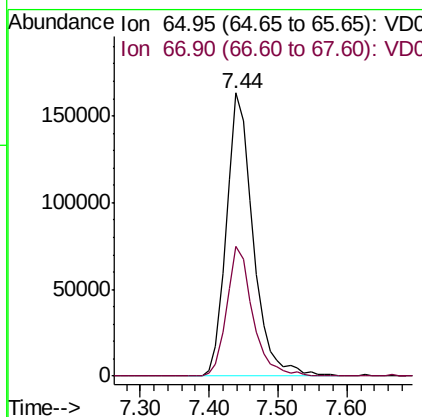
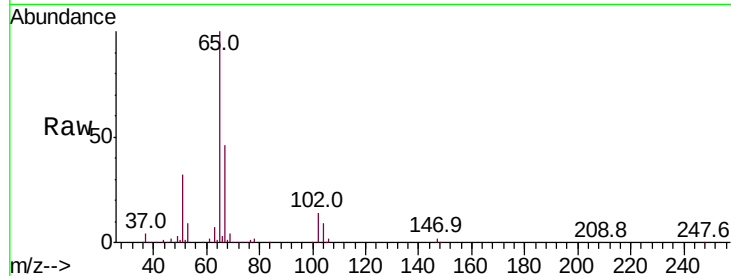




#33
 1,2-Dichloroethane-d4
 Concen: 37.609 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VD063296.D
 Acq: 1 Aug 2019 16:56

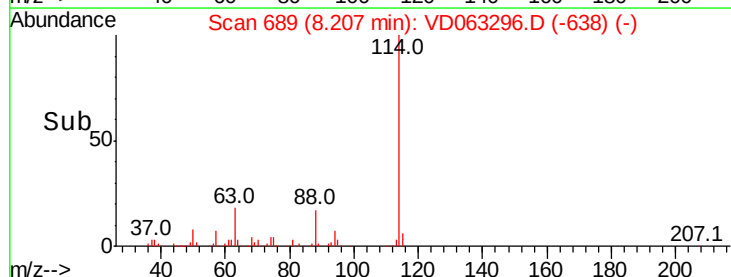
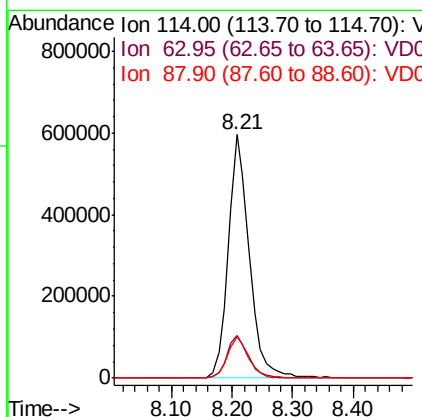
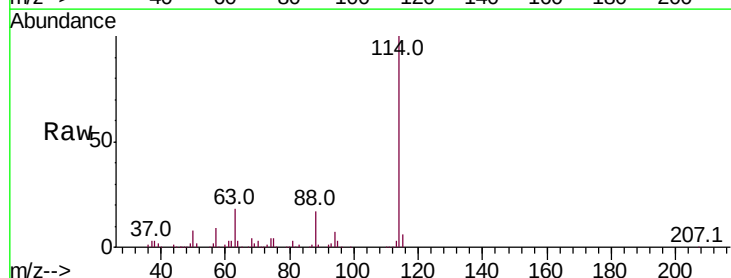
Instrument :
 MSVOA_D
 ClientSampleId :
 T2-3

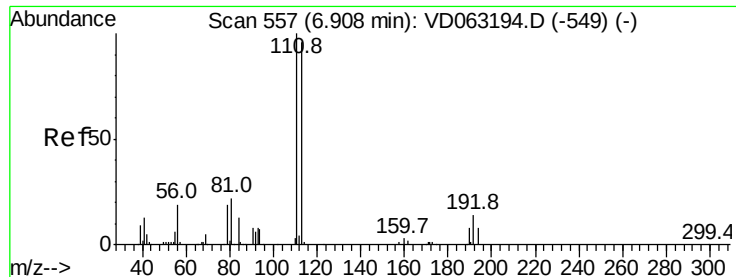
Tot Ion: 65 Resp: 436914
 Ion Ratio Lower Upper
 65 100
 67 45.7 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD063296.D
 Acq: 1 Aug 2019 16:56

Tgt Ion: 114 Resp: 1431807
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.2
 88 16.7 0.0 34.6





#35

Dibromofluoromethane

Concen: 42.816 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063296.D

Acq: 1 Aug 2019 16:56

Instrument :

MSVOA_D

ClientSampleId :

T2-3

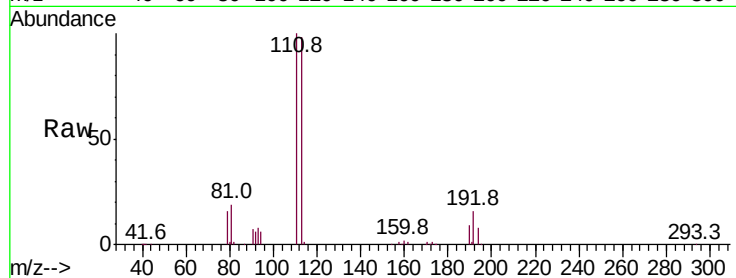
Tot Ion:113 Resp: 523412

Ion Ratio Lower Upper

113 100

111 102.2 83.2 124.8

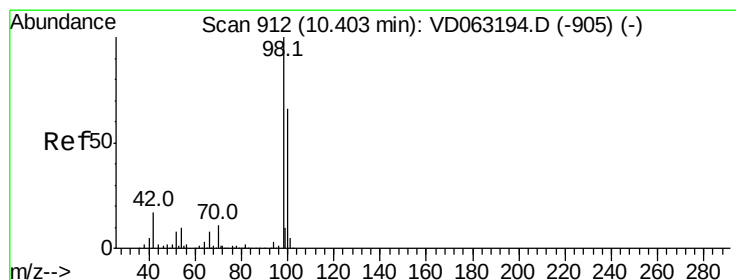
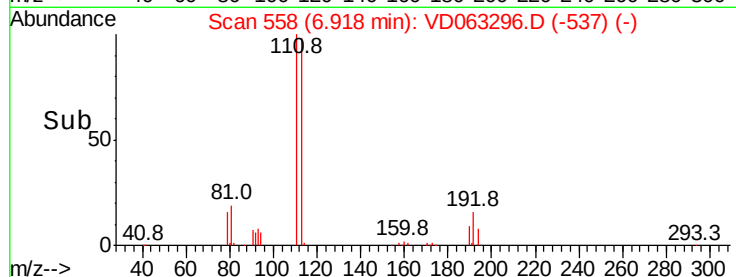
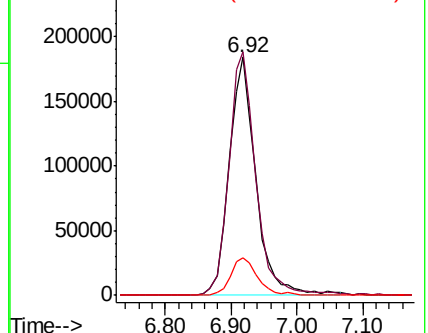
192 15.9 11.8 17.8



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: 39.791 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD063296.D

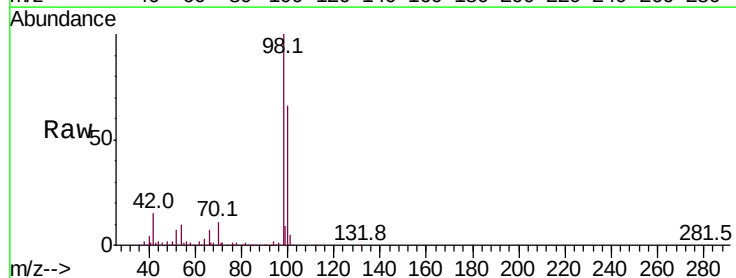
Acq: 1 Aug 2019 16:56

Tgt Ion: 98 Resp: 1088619

Ion Ratio Lower Upper

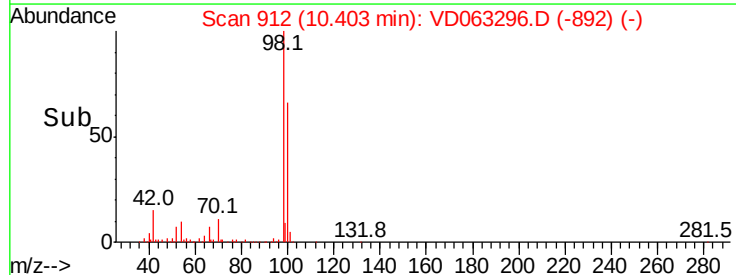
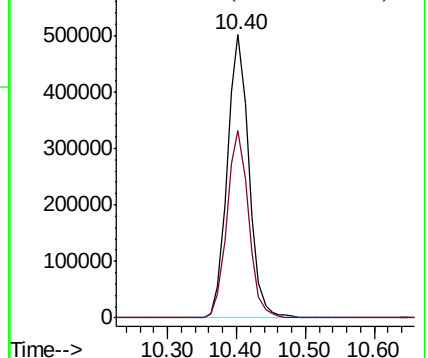
98 100

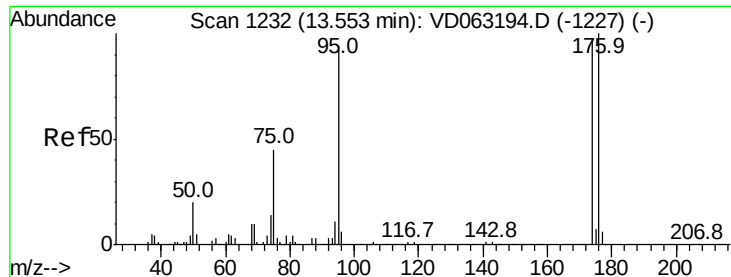
100 66.3 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 28.129 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063296.D

Acq: 1 Aug 2019 16:56

Instrument :

MSVOA_D

ClientSampled :

T2-3

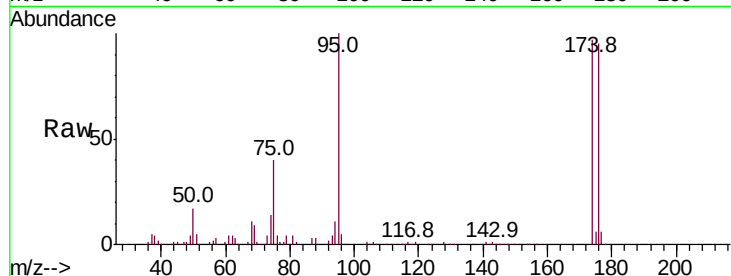
Tot Ion: 95 Resp: 350691

Ion Ratio Lower Upper

95 100

174 96.9 0.0 205.4

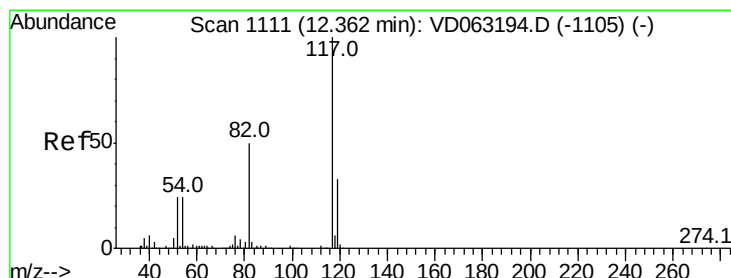
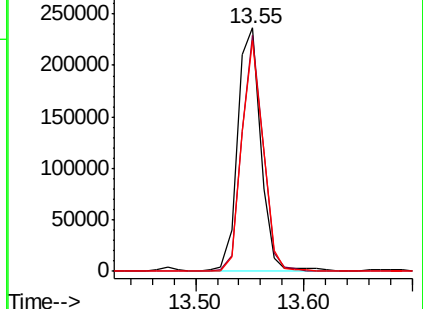
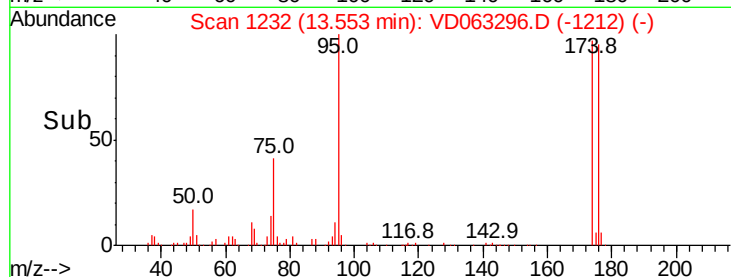
176 94.9 0.0 211.8



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: VD063296.D

Acq: 1 Aug 2019 16:56

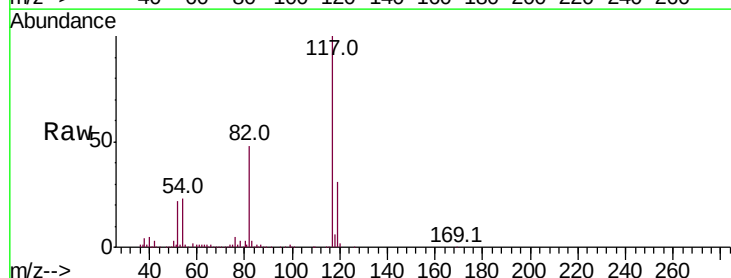
Tgt Ion: 117 Resp: 1108195

Ion Ratio Lower Upper

117 100

82 48.4 40.1 60.1

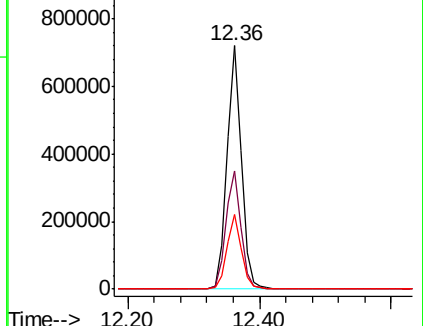
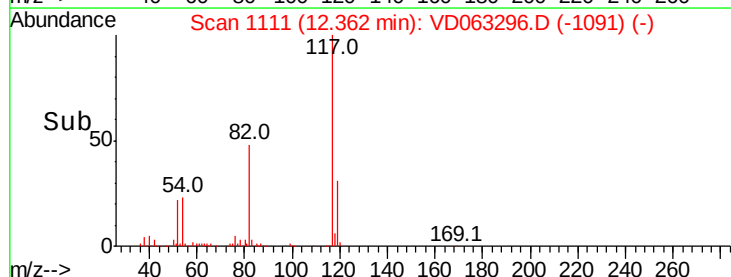
119 30.9 26.5 39.7

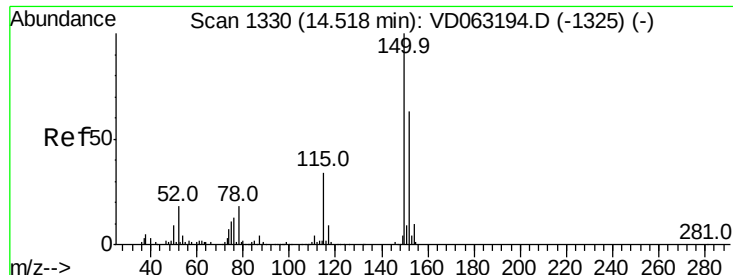


Abundance Ion 116.95 (116.65 to 117.65): V

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. -0.00 min

Lab File: VD063296.D

Acq: 1 Aug 2019 16:56

Instrument :

MSVOA_D

ClientSampleId :

T2-3

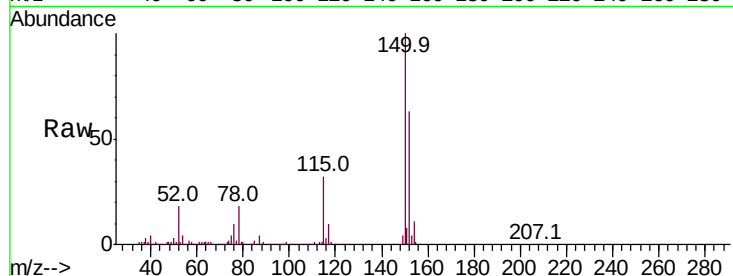
Tot Ion:152 Resp: 391531

Ion Ratio Lower Upper

152 100

115 50.0 27.5 82.4

150 158.5 0.0 320.6



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

