

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062305.D
 Acq On : 13 May 2019 15:26
 Operator : FY/SY
 Sample : K2734-02
 Misc : 6.18g/5mL/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS004-1824-01

Quant Time: May 15 01:53:04 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

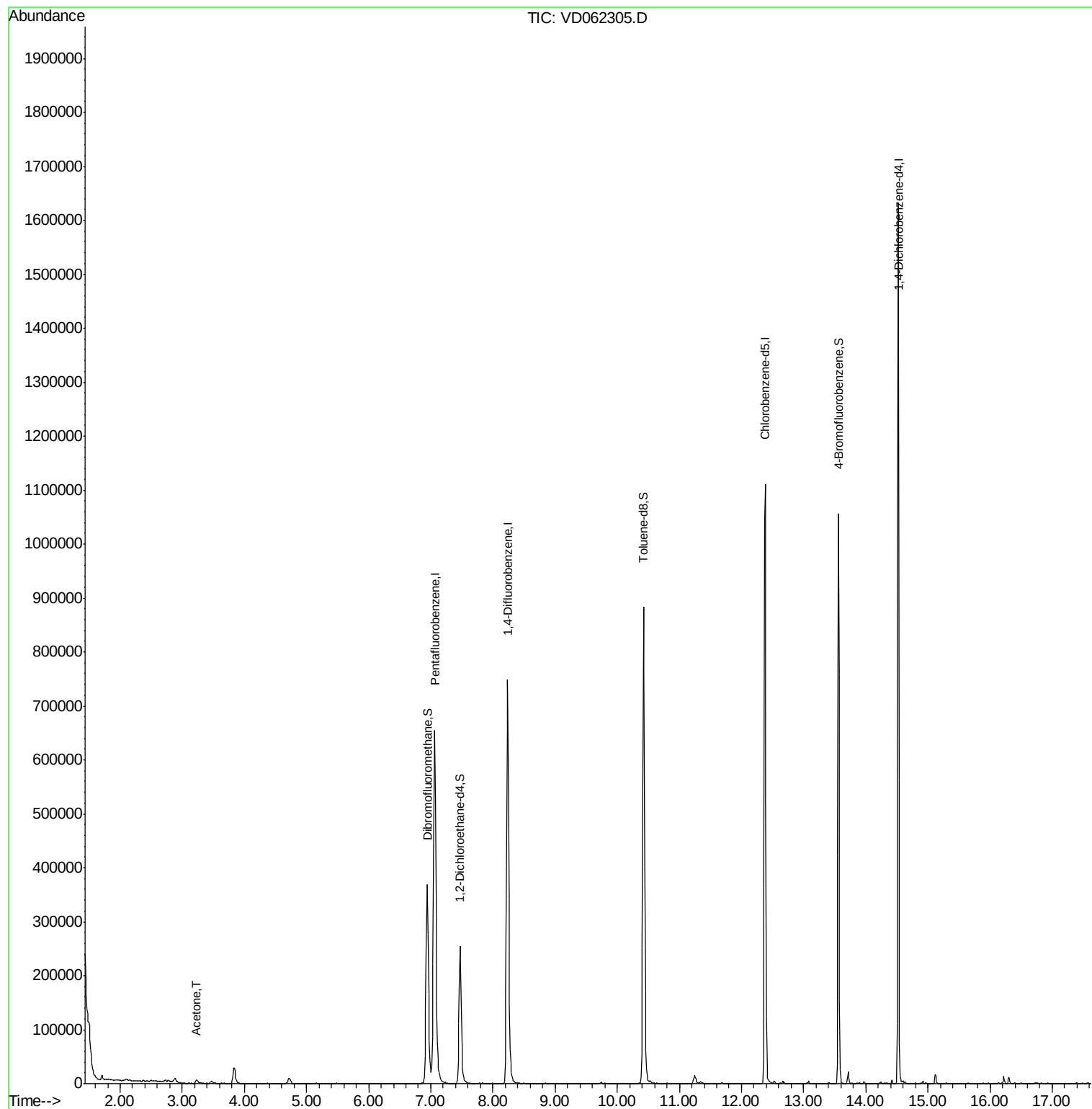
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	628201	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	800112	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	618163	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	329487	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	294600	50.46	ug/l	0.04
Spiked Amount 50.000			Recovery	=	100.92%	
35) Dibromofluoromethane	6.95	113	331104	49.88	ug/l	0.05
Spiked Amount 50.000			Recovery	=	99.76%	
50) Toluene-d8	10.42	98	710032	44.36	ug/l	0.02
Spiked Amount 50.000			Recovery	=	88.72%	
62) 4-Bromofluorobenzene	13.56	95	294534	45.82	ug/l	0.01
Spiked Amount 50.000			Recovery	=	91.64%	
Target Compounds						
16) Acetone	3.23	43	13437	10.975	ug/l #	Qvalue 71

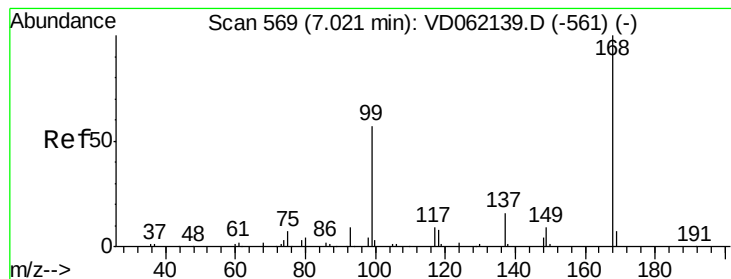
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062305.D

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MSVOA_D

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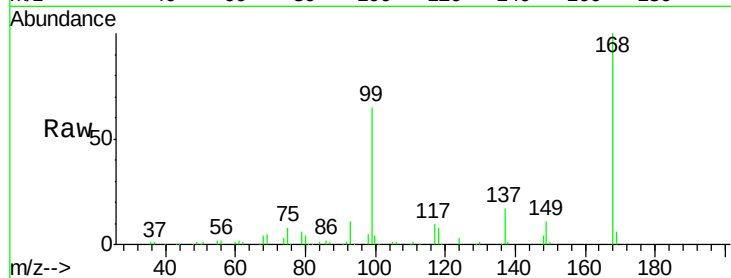
P021-SS004-1824-01

Tot Ion:168 Resp: 628201

Ion Ratio Lower Upper

168 100

99 65.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

250000

200000

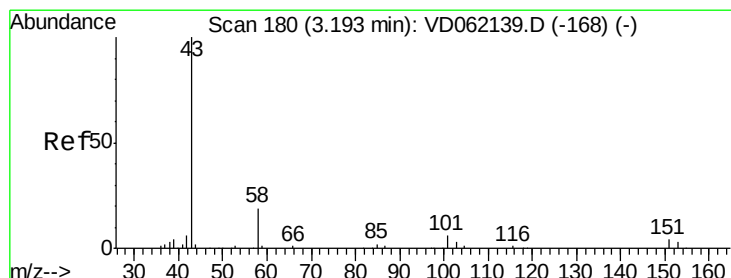
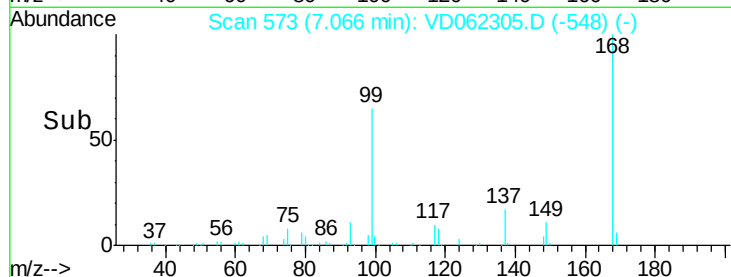
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 10.975 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062305.D

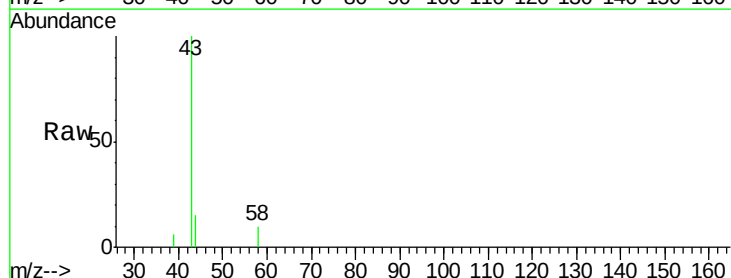
Acq: 13 May 2019 15:26

Tgt Ion: 43 Resp: 13437

Ion Ratio Lower Upper

43 100

58 10.3 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

6000

5000

4000

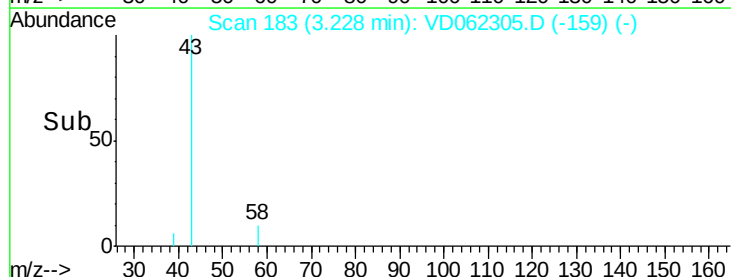
3000

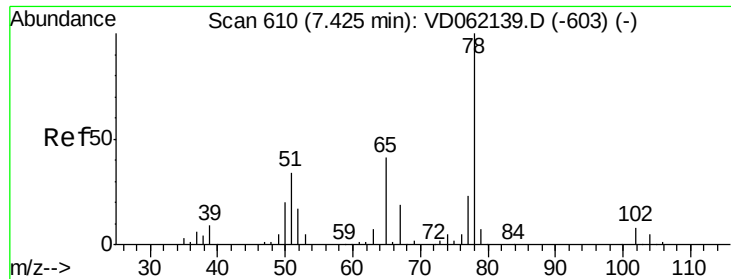
2000

1000

0

Time--> 3.20 3.30

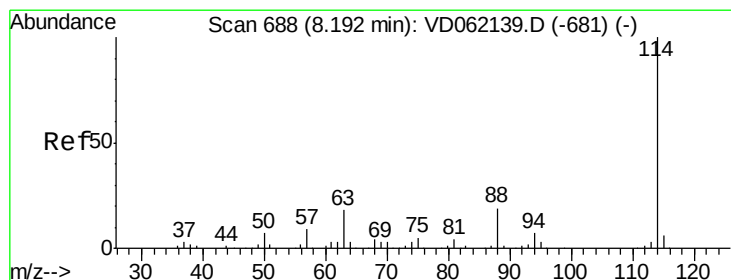
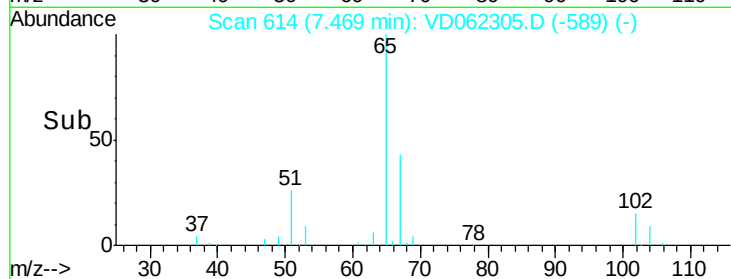
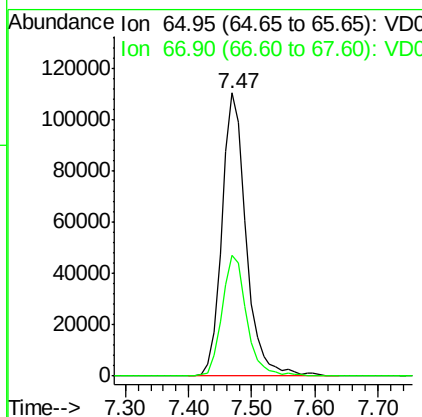
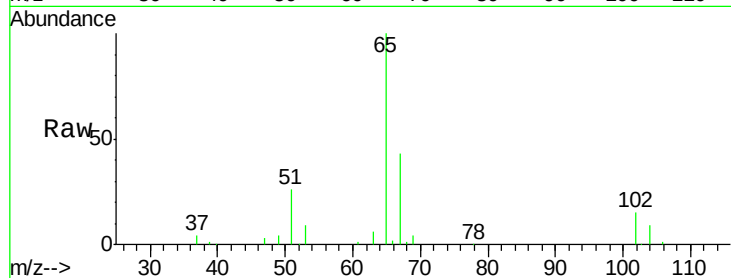




#33
1,2-Dichloroethane-d4
Concen: 50.463 ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.04 min
Lab File: VD062305.D
Acq: 13 May 2019 15:26

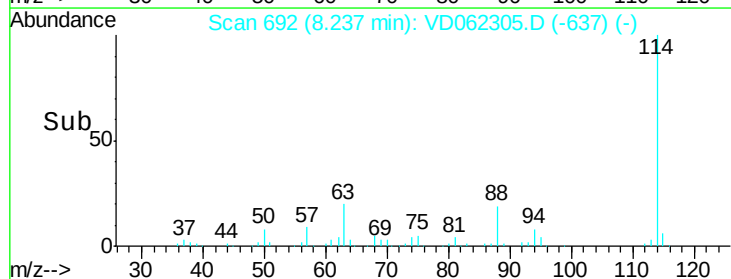
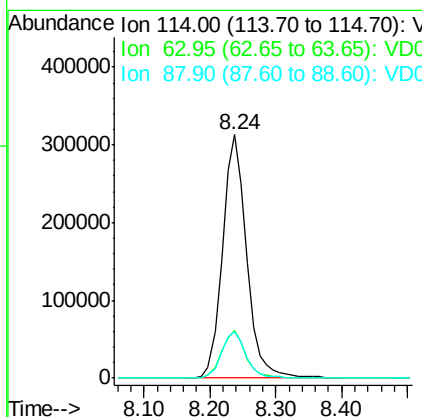
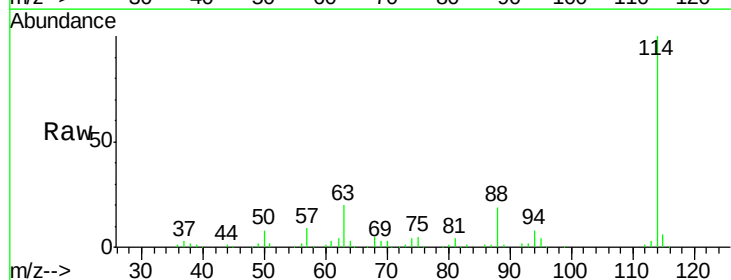
Instrument :
MSVOA_D
ClientSampleId :
P021-SS004-1824-01

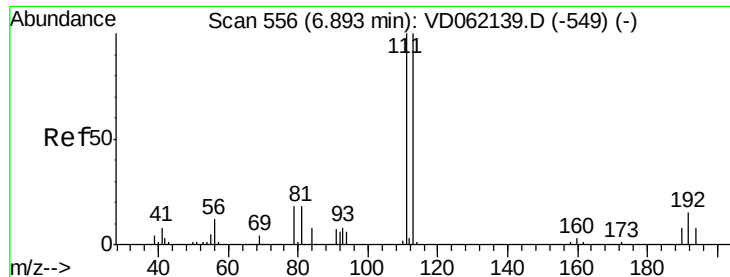
Tot Ion: 65 Resp: 294600
Ion Ratio Lower Upper
65 100
67 42.7 0.0 98.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.24 min Scan# 692
Delta R.T. 0.04 min
Lab File: VD062305.D
Acq: 13 May 2019 15:26

Tgt Ion: 114 Resp: 800112
Ion Ratio Lower Upper
114 100
63 19.8 0.0 32.4
88 19.2 0.0 33.6





#35

Dibromofluoromethane

Concen: 49.875 ug/l

RT: 6.95 min Scan# 561

Delta R.T. 0.05 min

Lab File: VD062305.D

Acq: 13 May 2019 15:26

Instrument :

MSVOA_D

ClientSampleId :

P021-SS004-1824-01

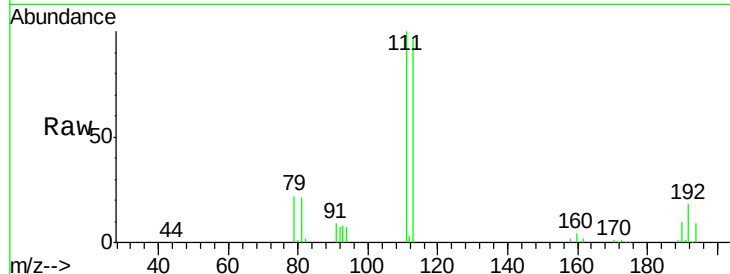
Tot Ion:113 Resp: 331104

Ion Ratio Lower Upper

113 100

111 102.9 78.5 117.7

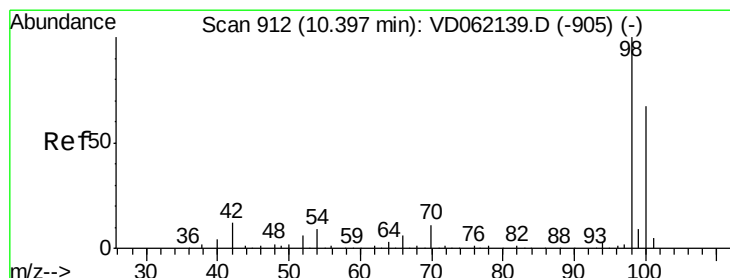
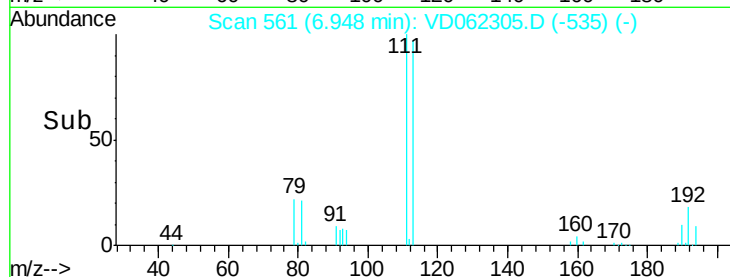
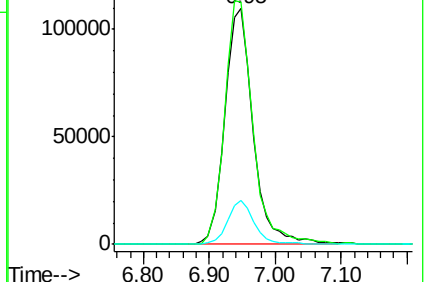
192 18.6 13.0 19.4



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: 44.360 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062305.D

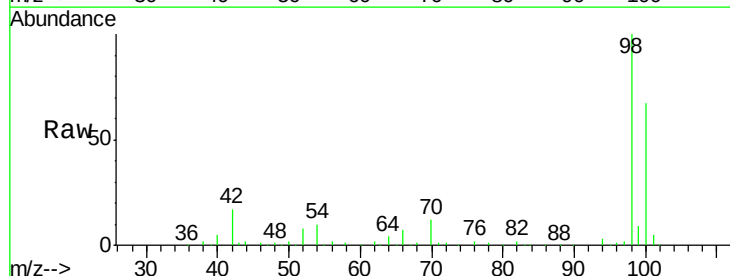
Acq: 13 May 2019 15:26

Tgt Ion: 98 Resp: 710032

Ion Ratio Lower Upper

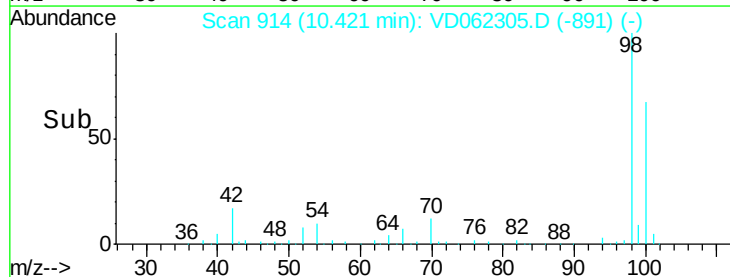
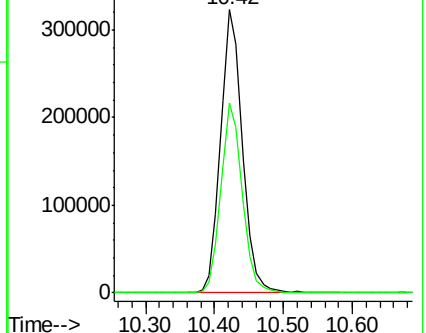
98 100

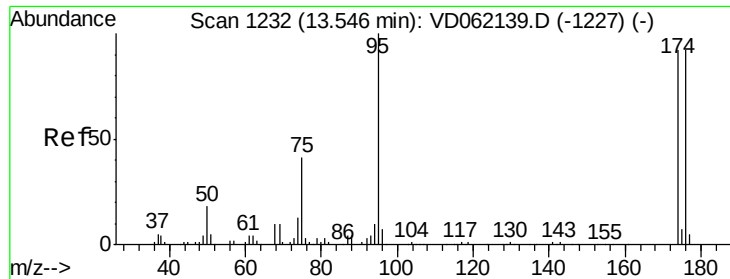
100 67.0 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 45.824 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062305.D

Acq: 13 May 2019 15:26

Instrument :

MSVOA_D

ClientSampleId :

P021-SS004-1824-01

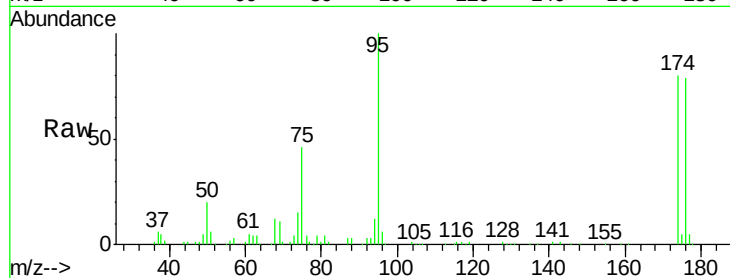
Tot Ion: 95 Resp: 294534

Ion Ratio Lower Upper

95 100

174 80.2 0.0 181.8

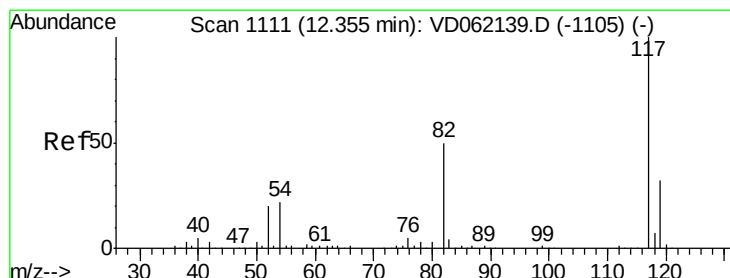
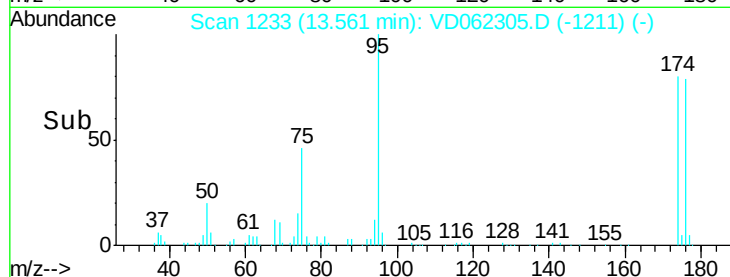
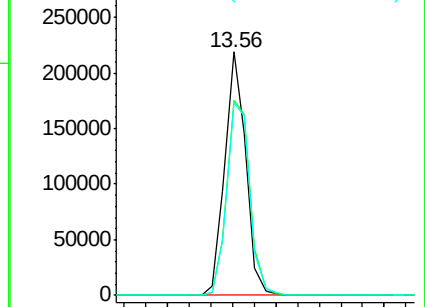
176 79.0 0.0 174.4



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: 12.38 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD062305.D

Acq: 13 May 2019 15:26

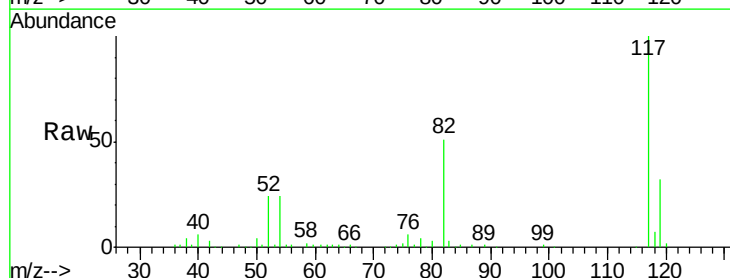
Tgt Ion: 117 Resp: 618163

Ion Ratio Lower Upper

117 100

82 51.0 36.2 54.2

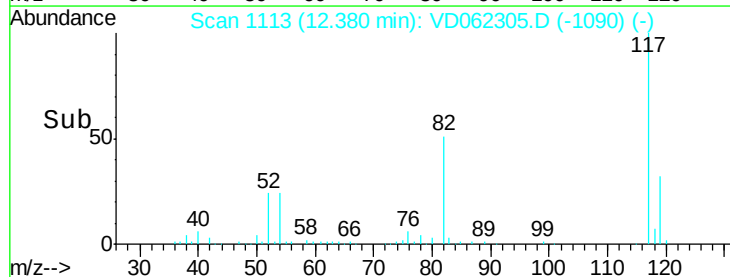
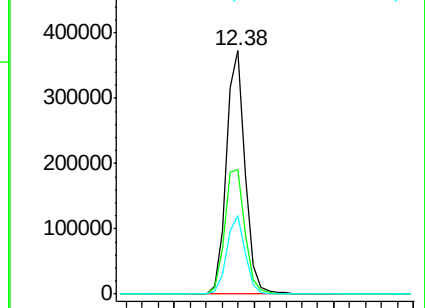
119 32.3 26.2 39.4

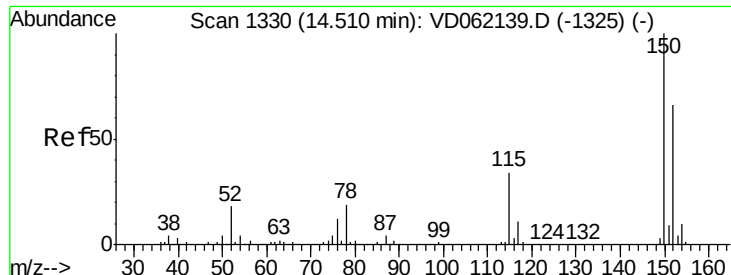


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.53 min Scan# 1331

Delta R.T. 0.02 min

Lab File: VD062305.D

Acq: 13 May 2019 15:26

Instrument :

MSVOA_D

ClientSampleId :

P021-SS004-1824-01

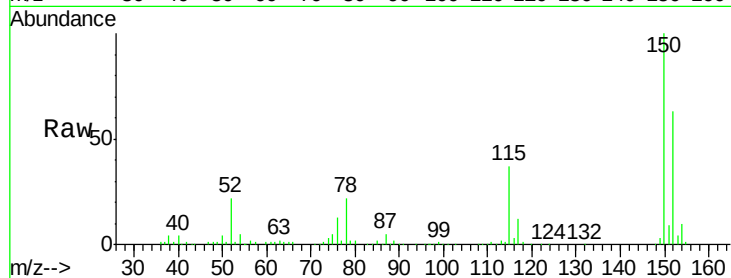
Tot Ion:152 Resp: 329487

Ion Ratio Lower Upper

152 100

115 57.7 30.9 92.7

150 157.9 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

