

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052819\
 Data File : VD062541.D
 Acq On : 28 May 2019 16:20
 Operator : VA/AP
 Sample : K3074-08
 Misc : 4.38g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3B-D2

Quant Time: May 29 01:24:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

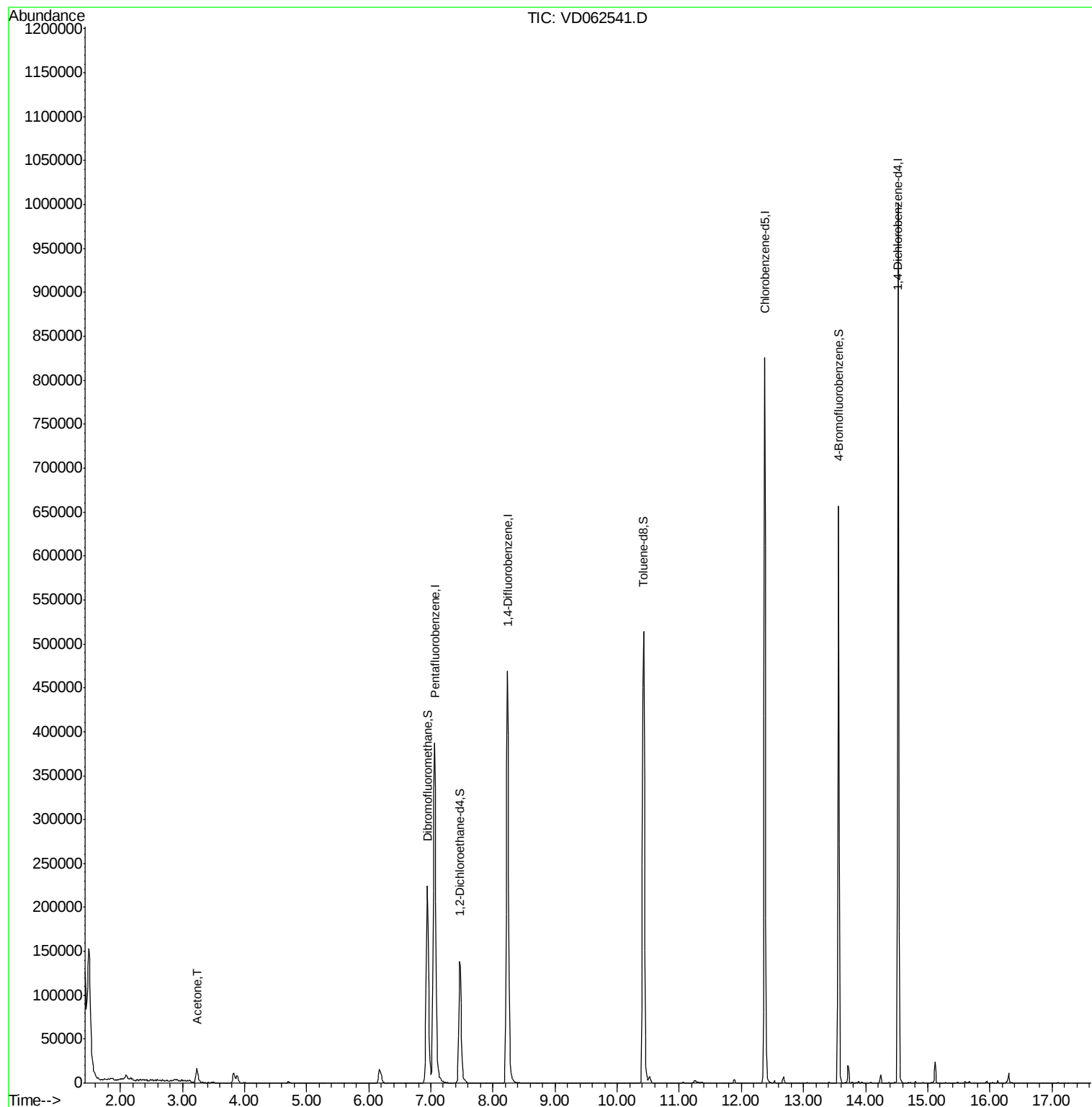
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	357802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	478110	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	407297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	231110	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	174078	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.90%	
35) Dibromofluoromethane	6.94	113	197277	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
50) Toluene-d8	10.43	98	399949	42.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.74%	
62) 4-Bromofluorobenzene	13.57	95	178382	43.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.40%	
Target Compounds						
16) Acetone	3.23	43	32381	47.180	ug/l #	Qvalue 83

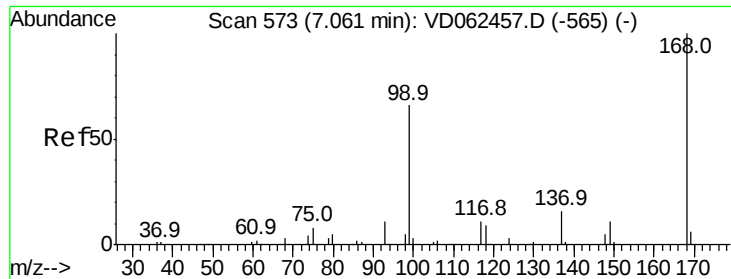
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.00 min

Lab File: VD062541.D

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MSVOA_D

ClientSampleId :

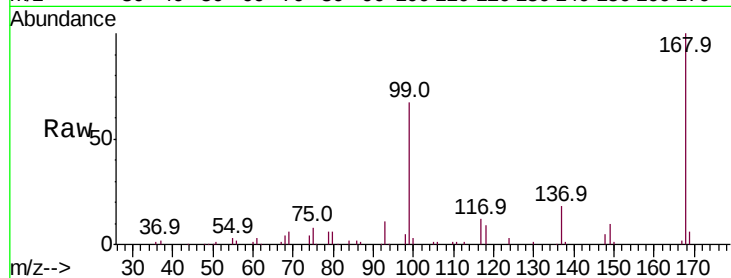
TP-3B-D2

Tot Ion:168 Resp: 357802

Ion Ratio Lower Upper

168 100

99 67.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

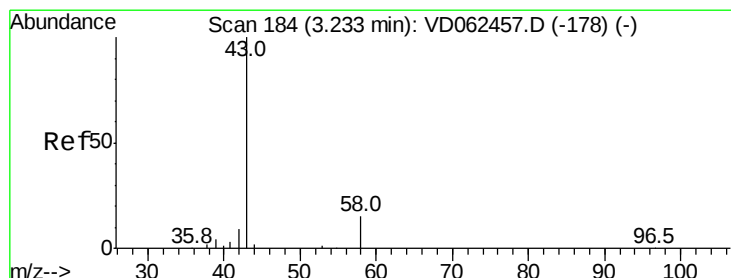
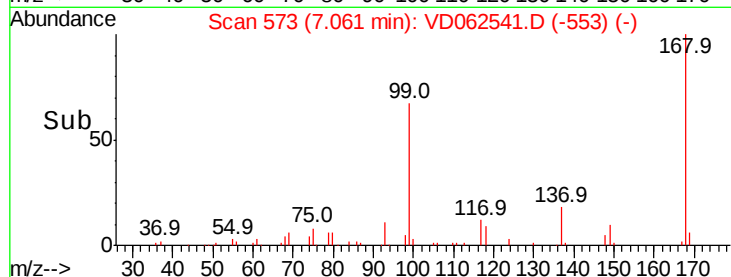
7.06

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 47.180 ug/l

RT: 3.23 min Scan# 184

Delta R.T. -0.00 min

Lab File: VD062541.D

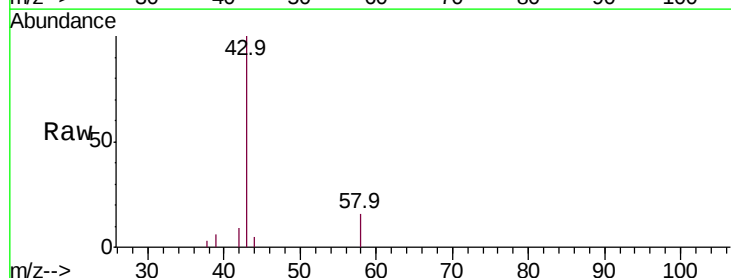
Acq: 28 May 2019 16:20

Tgt Ion: 43 Resp: 32381

Ion Ratio Lower Upper

43 100

58 16.5 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

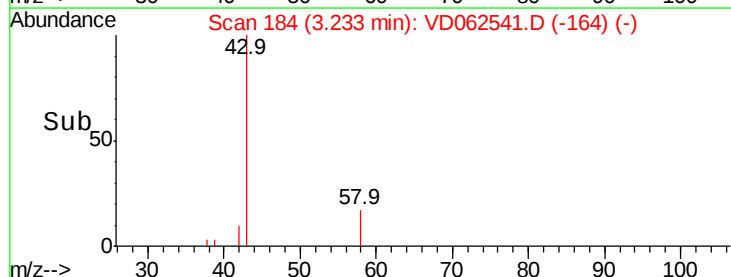
3.23

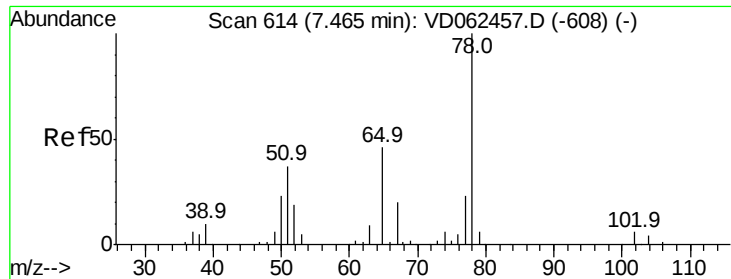
10000

5000

0

Time--> 3.10 3.20 3.30 3.40

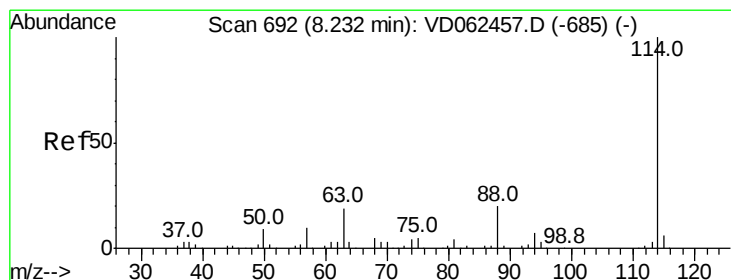
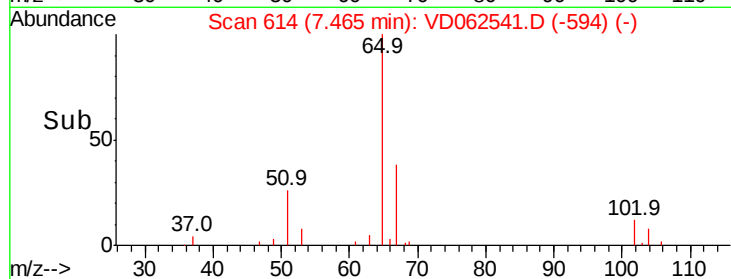
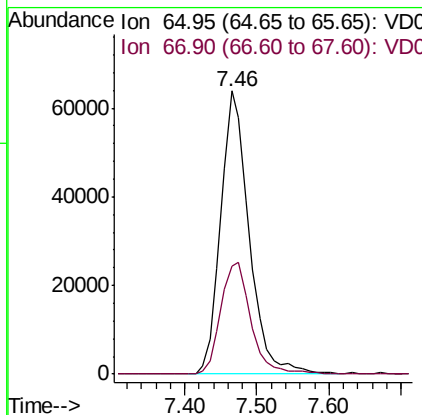
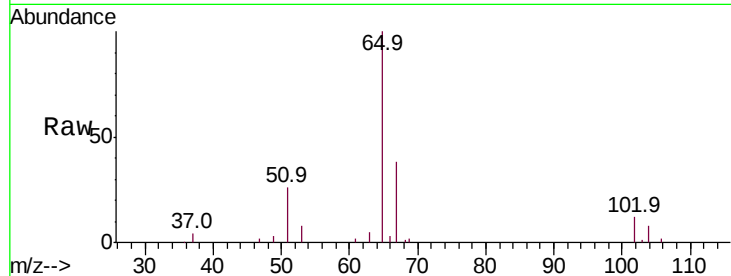




#33
 1,2-Dichloroethane-d4
 Concen: 45.451 ug/l
 RT: 7.46 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: VD062541.D
 Acq: 28 May 2019 16:20

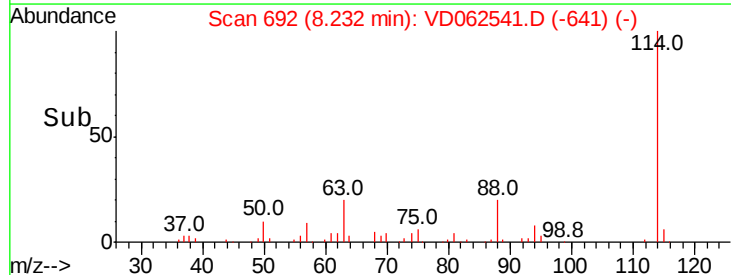
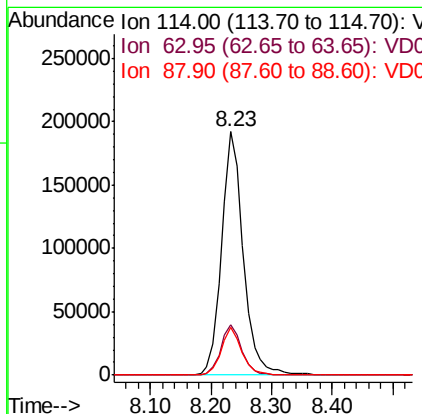
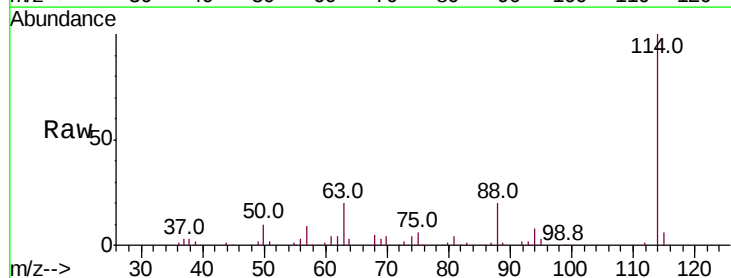
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3B-D2

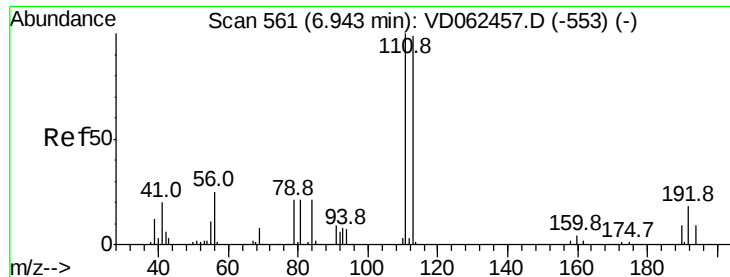
Tot Ion: 65 Resp: 174078
 Ion Ratio Lower Upper
 65 100
 67 38.1 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: VD062541.D
 Acq: 28 May 2019 16:20

Tgt Ion: 114 Resp: 478110
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 32.4
 88 19.5 0.0 33.6





#35

Dibromofluoromethane

Concen: 45.739 ug/l

RT: 6.94 min Scan# 561

Delta R.T. -0.00 min

Lab File: VD062541.D

Acq: 28 May 2019 16:20

Instrument :

MSVOA_D

ClientSampleId :

TP-3B-D2

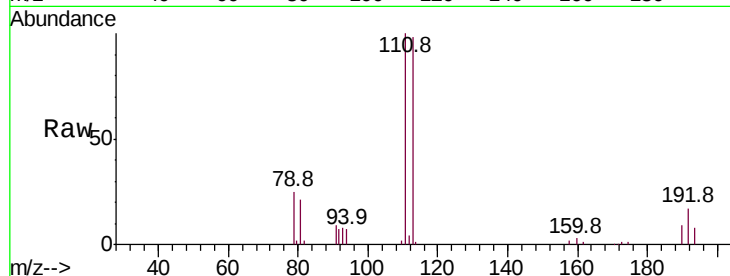
Tot Ion:113 Resp: 197277

Ion Ratio Lower Upper

113 100

111 102.2 78.5 117.7

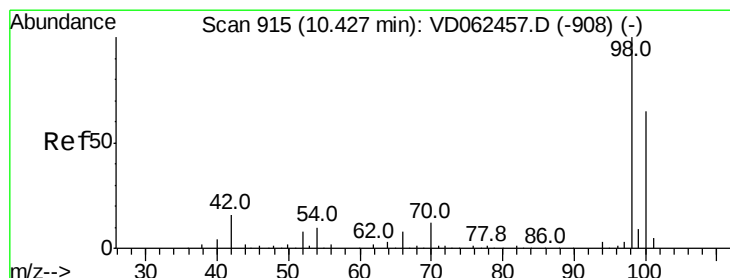
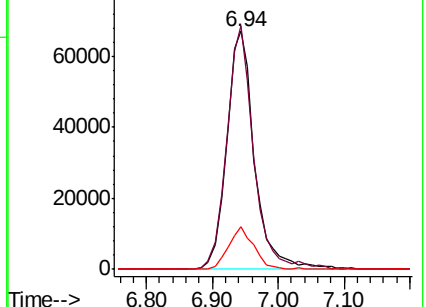
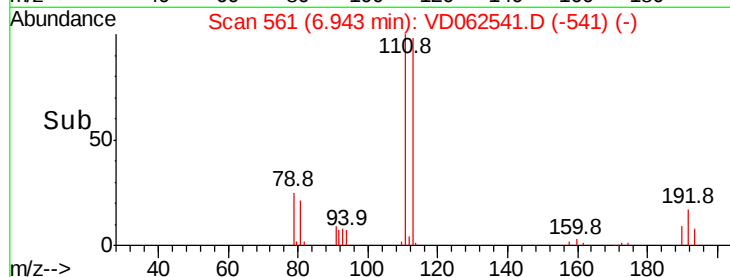
192 17.7 13.0 19.4



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: 42.373 ug/l

RT: 10.43 min Scan# 915

Delta R.T. -0.00 min

Lab File: VD062541.D

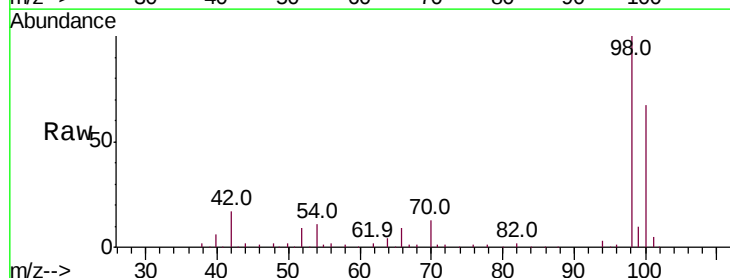
Acq: 28 May 2019 16:20

Tgt Ion: 98 Resp: 399949

Ion Ratio Lower Upper

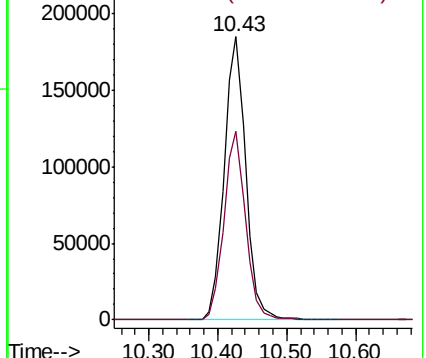
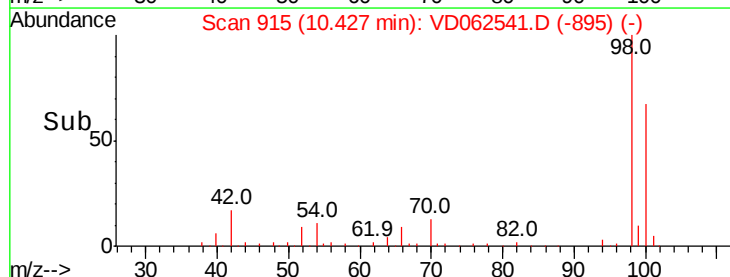
98 100

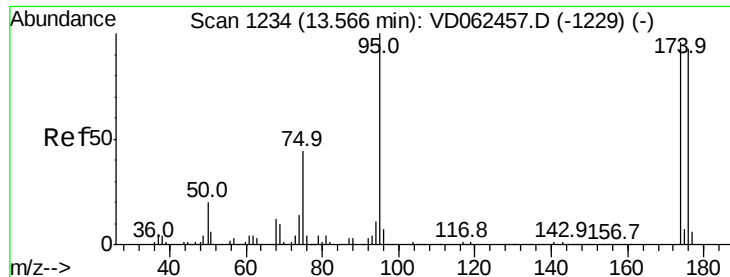
100 66.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 43.203 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. -0.00 min

Lab File: VD062541.D

Acq: 28 May 2019 16:20

Instrument :

MSVOA_D

ClientSampleId :

TP-3B-D2

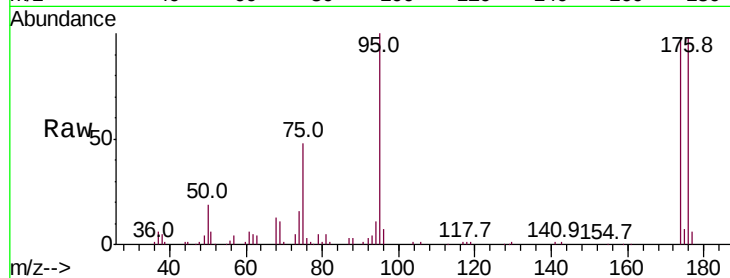
Tot Ion: 95 Resp: 178382

Ion Ratio Lower Upper

95 100

174 98.4 0.0 181.8

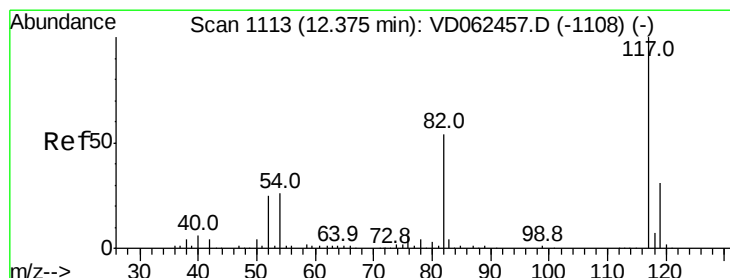
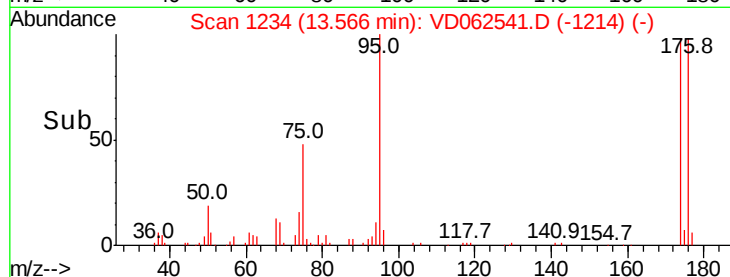
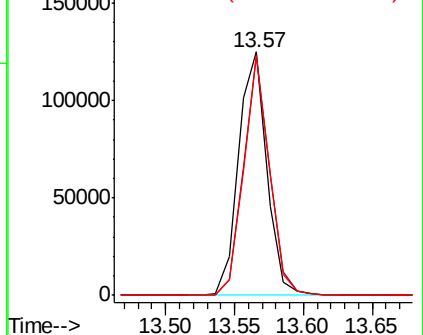
176 98.3 0.0 174.4



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: 12.38 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VD062541.D

Acq: 28 May 2019 16:20

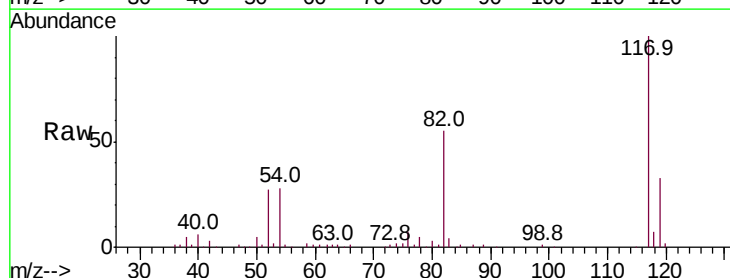
Tgt Ion: 117 Resp: 407297

Ion Ratio Lower Upper

117 100

82 54.9 36.2 54.2#

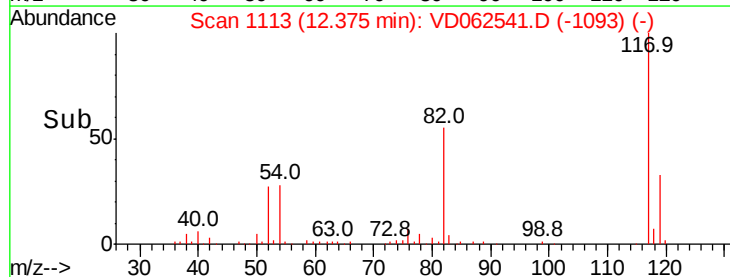
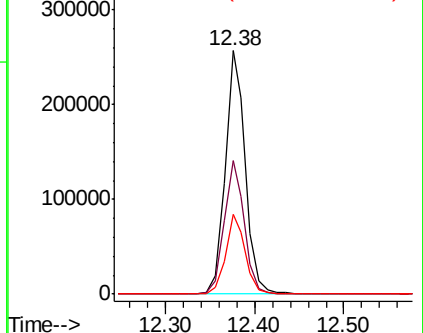
119 32.7 26.2 39.4

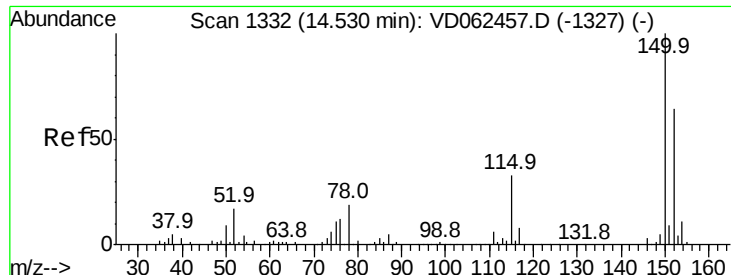


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1332

Delta R.T. -0.00 min

Lab File: VD062541.D

Acq: 28 May 2019 16:20

Instrument :

MSVOA_D

ClientSampleId :

TP-3B-D2

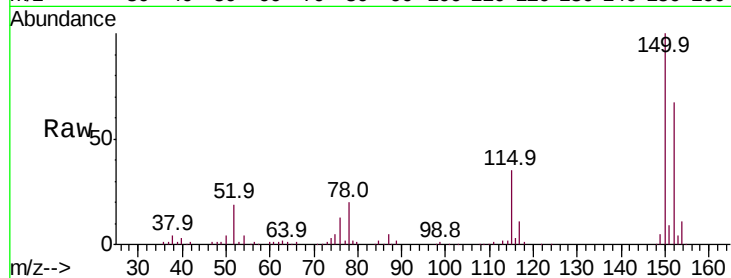
Tot Ion:152 Resp: 231110

Ion Ratio Lower Upper

152 100

115 52.6 30.9 92.7

150 149.7 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

