

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053119\
 Data File : VD062573.D
 Acq On : 31 May 2019 19:30
 Operator : VA/AP
 Sample : K3139-02
 Misc : 4.89g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1A-S2

Quant Time: Jun 01 00:17:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

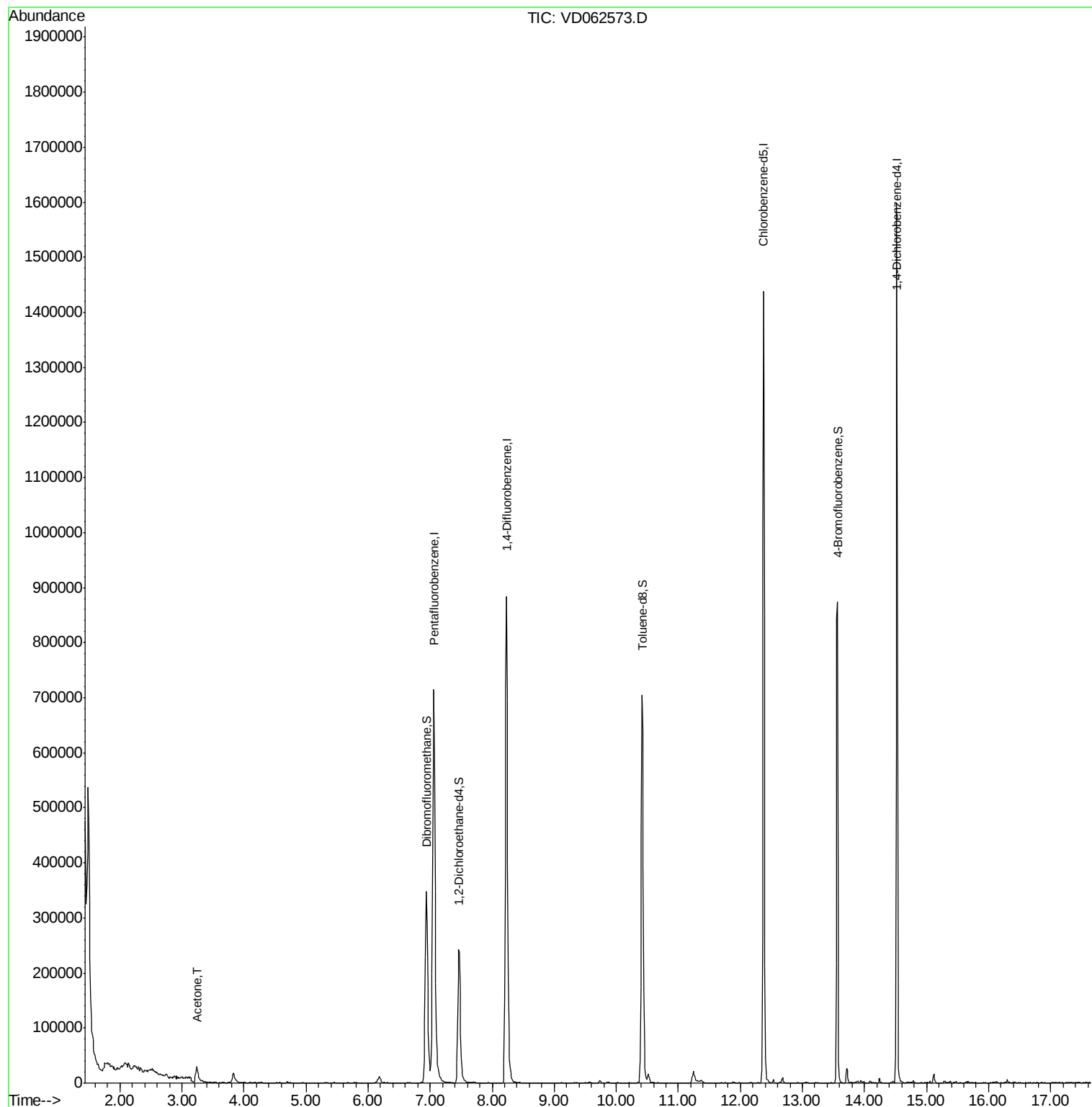
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	638270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	857091	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	690363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	309492	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	315534	42.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.32%	
35) Dibromofluoromethane	6.93	113	319551	40.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.82%	
50) Toluene-d8	10.42	98	545318	31.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.74%	
62) 4-Bromofluorobenzene	13.56	95	257506	33.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.74%	
Target Compounds						
16) Acetone	3.24	43	59289	40.321	ug/l	Qvalue 94

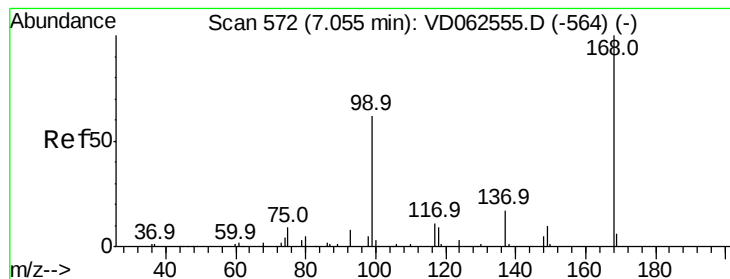
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 31 02:08:29 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.00 min

Lab File: VD062573.D

Acq: 31 May 2019 19:30

Instrument :

MSVOA_D

ClientSampleId :

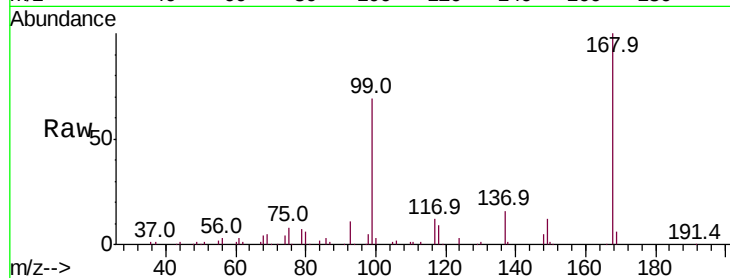
TP-1A-S2

Tot Ion:168 Resp: 638270

Ion Ratio Lower Upper

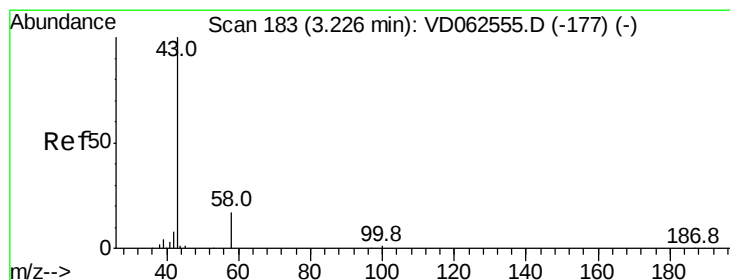
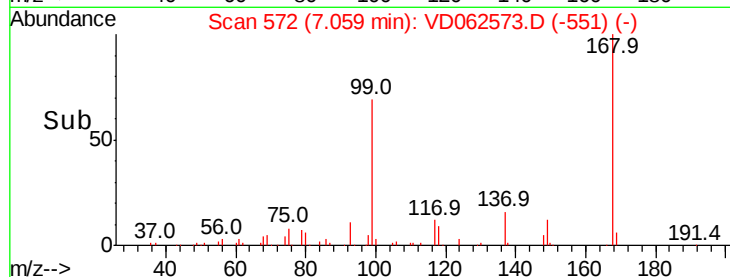
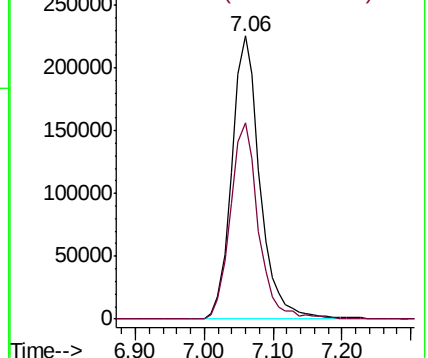
168 100

99 69.2 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 40.321 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD062573.D

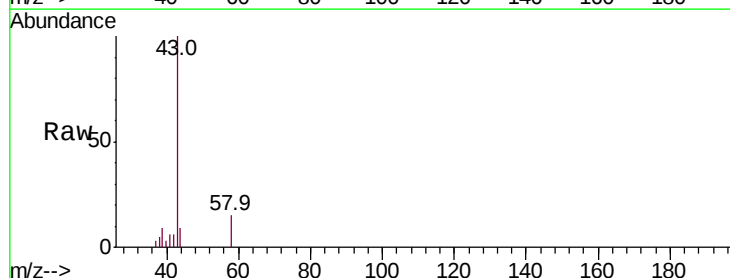
Acq: 31 May 2019 19:30

Tgt Ion: 43 Resp: 59289

Ion Ratio Lower Upper

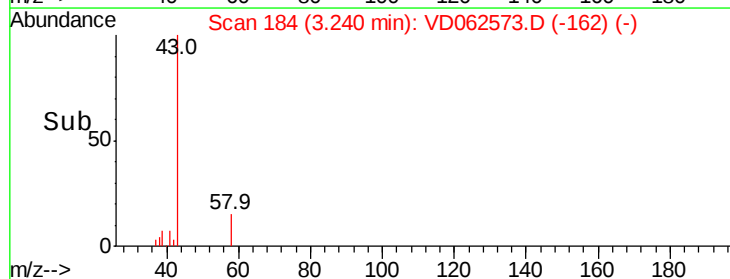
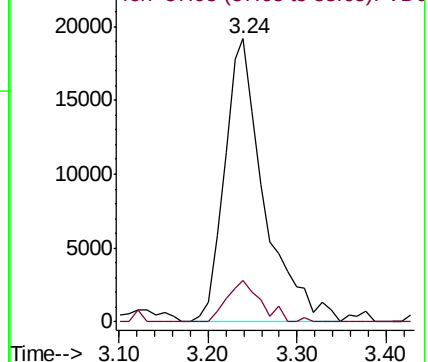
43 100

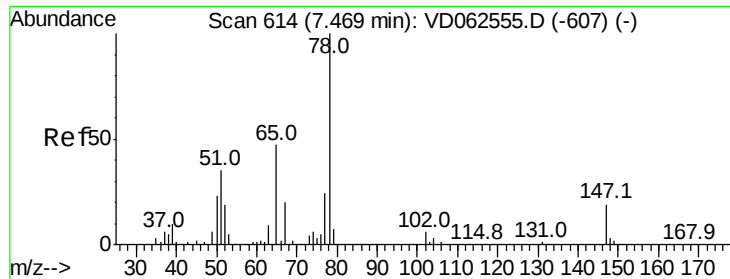
58 14.8 13.8 20.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 42.162 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.01 min

Lab File: VD062573.D

Acq: 31 May 2019 19:30

Instrument :

MSVOA_D

ClientSampleId :

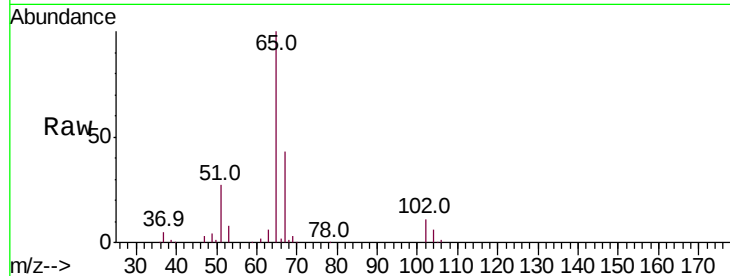
TP-1A-S2

Tot Ion: 65 Resp: 315534

Ion Ratio Lower Upper

65 100

67 42.6 0.0 83.6



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

120000

100000

80000

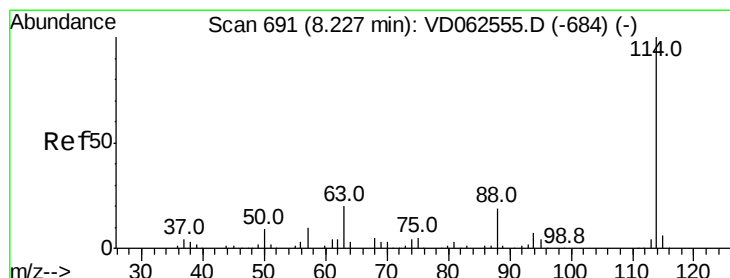
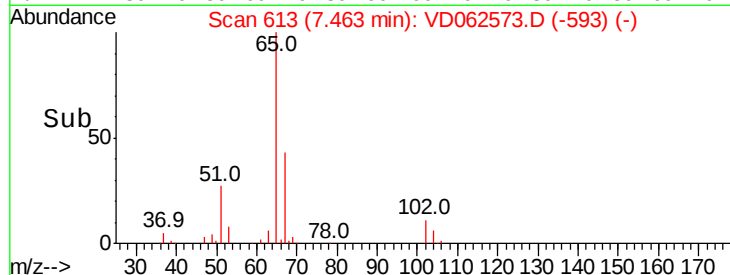
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.00 min

Lab File: VD062573.D

Acq: 31 May 2019 19:30

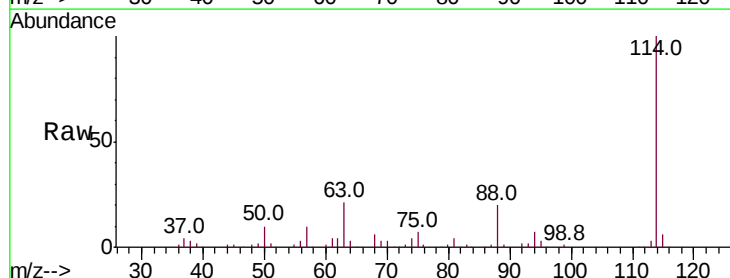
Tgt Ion: 114 Resp: 857091

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.6

88 19.8 0.0 37.6



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

8.23

400000

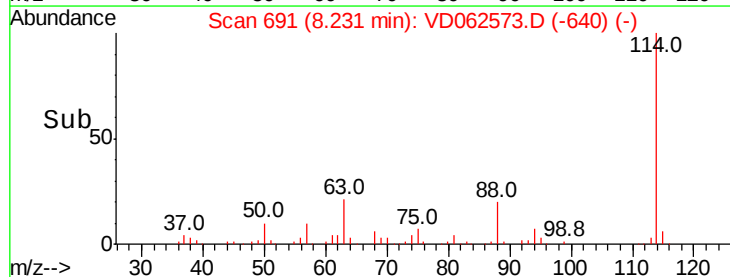
300000

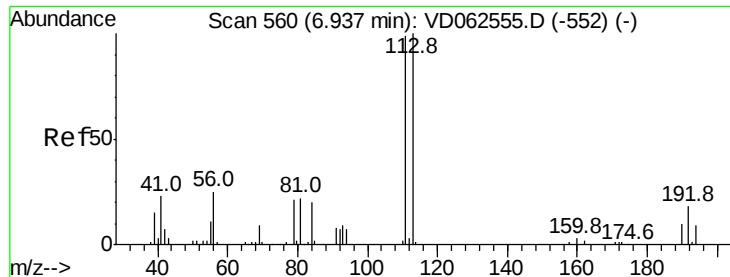
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 40.914 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD062573.D

Acq: 31 May 2019 19:30

Instrument :

MSVOA_D

ClientSampleId :

TP-1A-S2

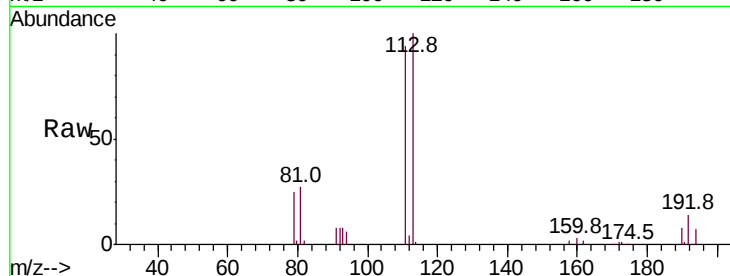
Tot Ion:113 Resp: 319551

Ion Ratio Lower Upper

113 100

111 93.8 78.8 118.2

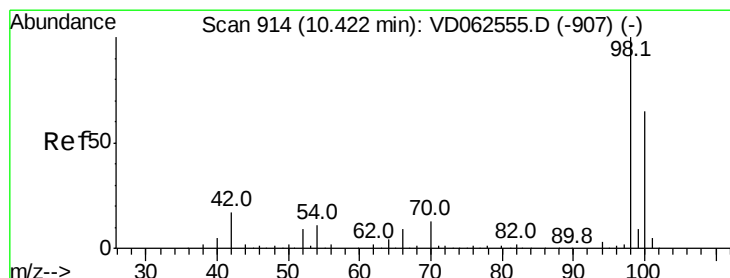
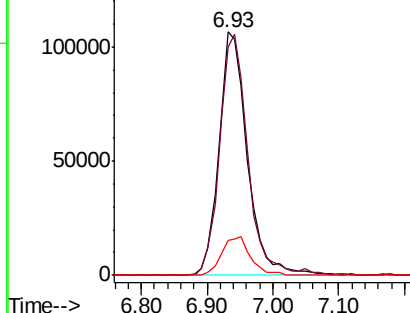
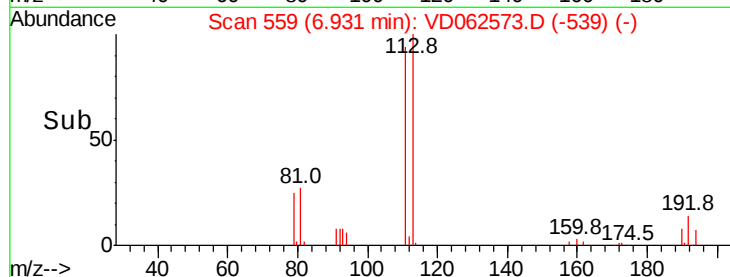
192 14.5 14.6 22.0#



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: 31.866 ug/l

RT: 10.42 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD062573.D

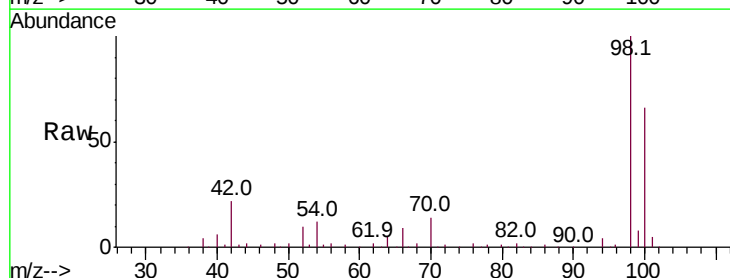
Acq: 31 May 2019 19:30

Tgt Ion: 98 Resp: 545318

Ion Ratio Lower Upper

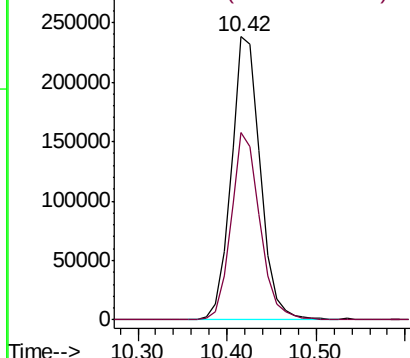
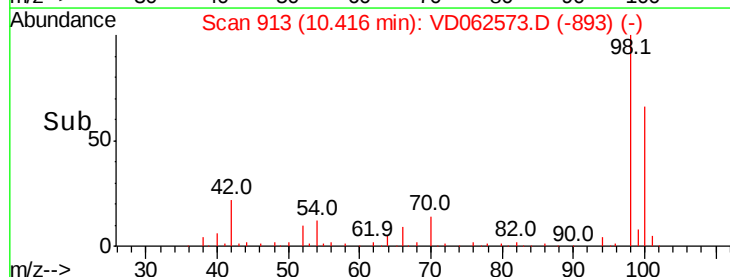
98 100

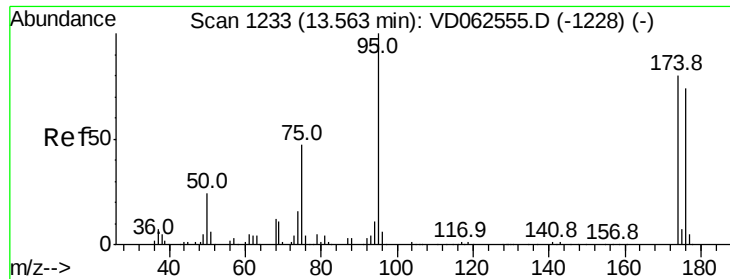
100 66.2 52.3 78.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 33.367 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD062573.D

Acq: 31 May 2019 19:30

Instrument :

MSVOA_D

ClientSampleId :

TP-1A-S2

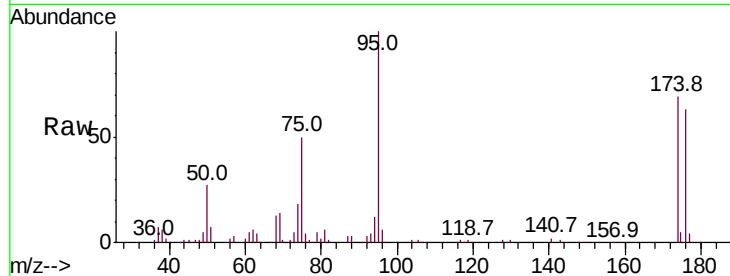
Tot Ion: 95 Resp: 257506

Ion Ratio Lower Upper

95 100

174 68.5 0.0 160.2

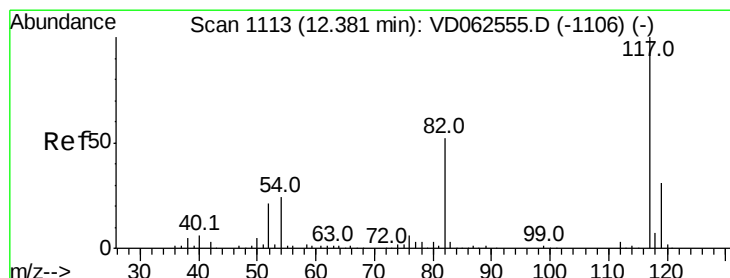
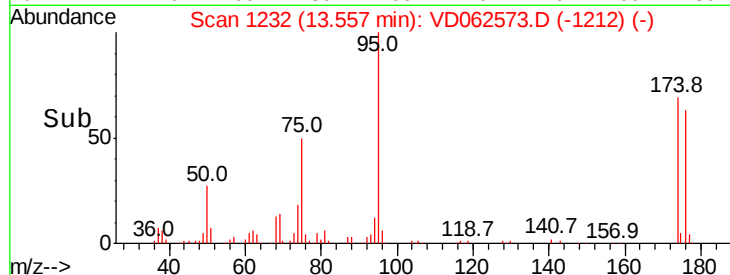
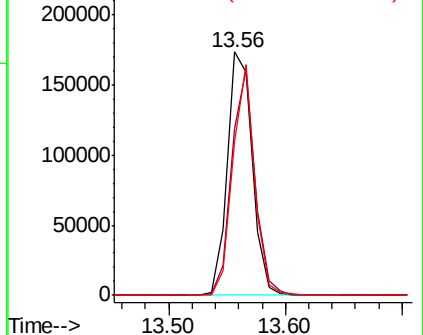
176 63.5 0.0 148.0



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# 1112

Delta R.T. -0.01 min

Lab File: VD062573.D

Acq: 31 May 2019 19:30

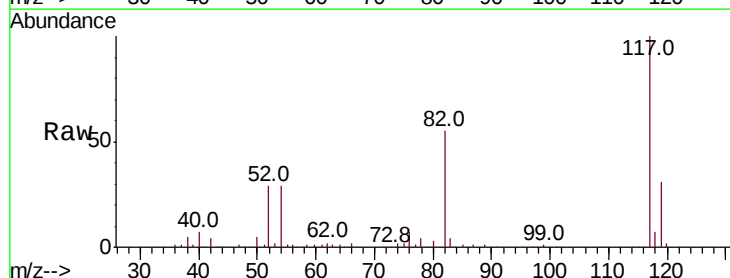
Tgt Ion: 117 Resp: 690363

Ion Ratio Lower Upper

117 100

82 54.9 41.4 62.2

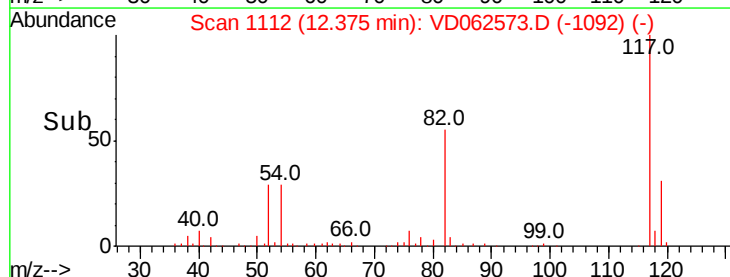
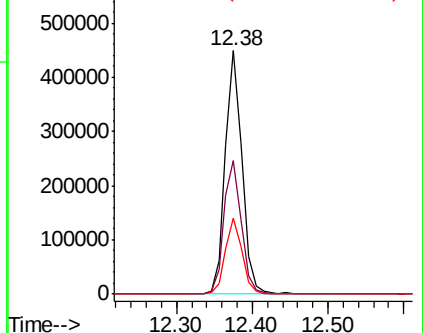
119 31.2 24.9 37.3

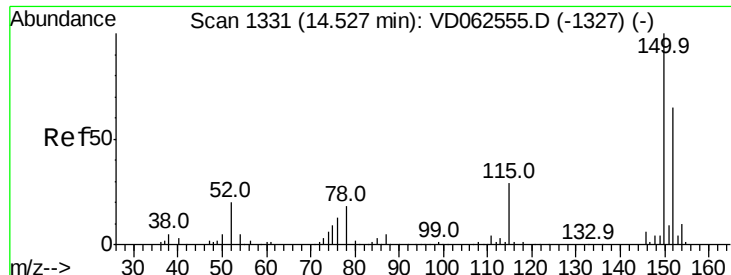


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

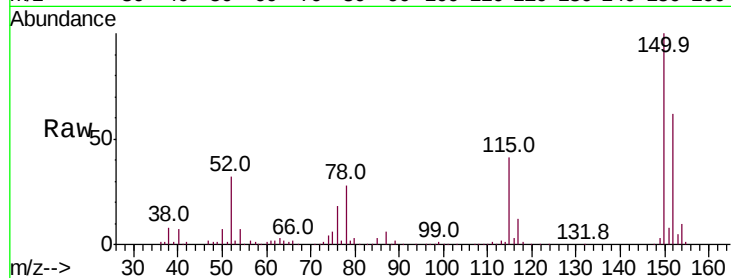




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: VD062573.D
 Acq: 31 May 2019 19:30

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1A-S2

Tot Ion:152 Resp: 309492
 Ion Ratio Lower Upper
 152 100
 115 67.1 28.4 85.3
 150 162.4 0.0 310.4



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

