

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053119\
 Data File : VD062563.D
 Acq On : 31 May 2019 14:58
 Operator : VA/AP
 Sample : K3124-08
 Misc : 5.57g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-25-D2

Quant Time: Jun 01 00:06:02 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

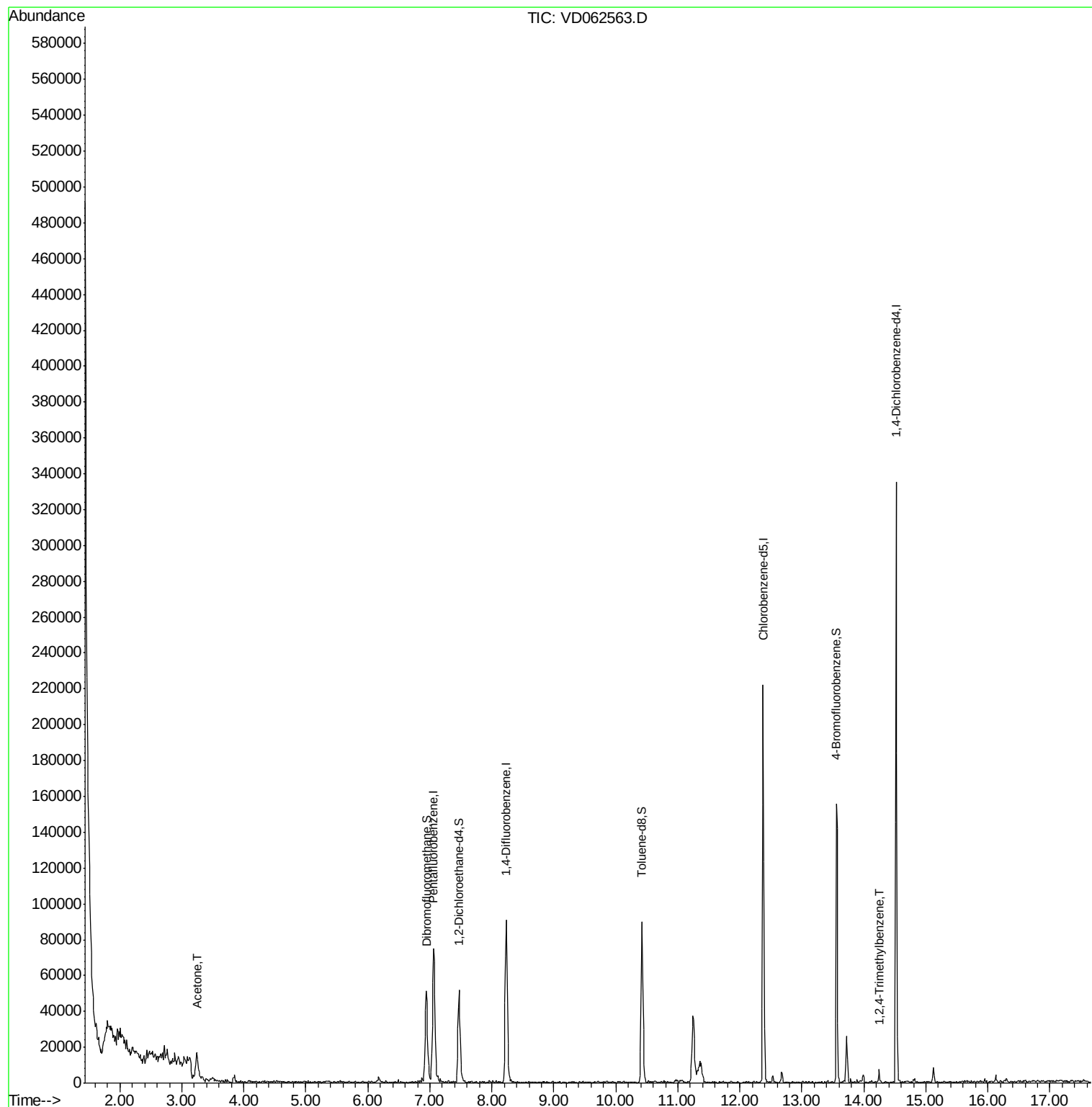
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	66385	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	98456	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	107563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	66212	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	59110	75.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	151.88%	
35) Dibromofluoromethane	6.94	113	41216	45.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.88%	
50) Toluene-d8	10.43	98	72721	36.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.98%	
62) 4-Bromofluorobenzene	13.56	95	43204	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
Target Compounds						
16) Acetone	3.23	43	33867	221.444	ug/l #	88
84) 1,2,4-Trimethylbenzene	14.24	105	4113	1.082	ug/l #	62

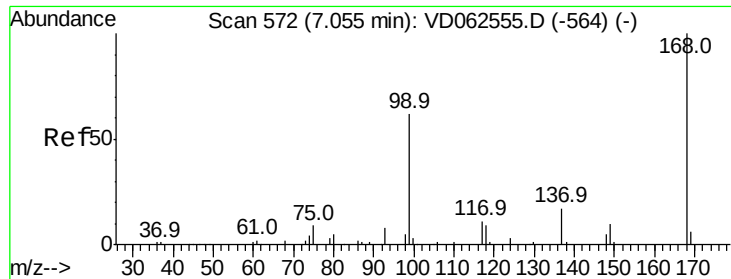
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 31 02:08:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.01 min

Lab File: VD062563.D

Acq: 31 May 2019 14:58

Instrument :

MSVOA_D

ClientSampleId :

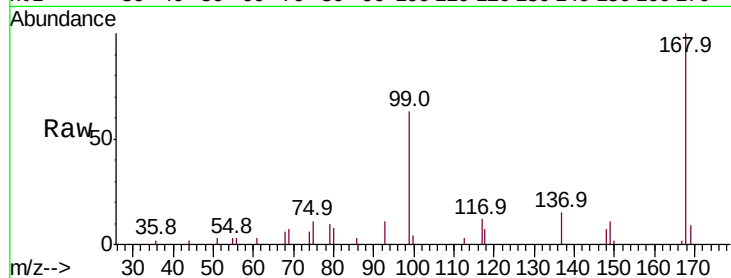
TP-25-D2

Tot Ion:168 Resp: 66385

Ion Ratio Lower Upper

168 100

99 62.5 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

25000

20000

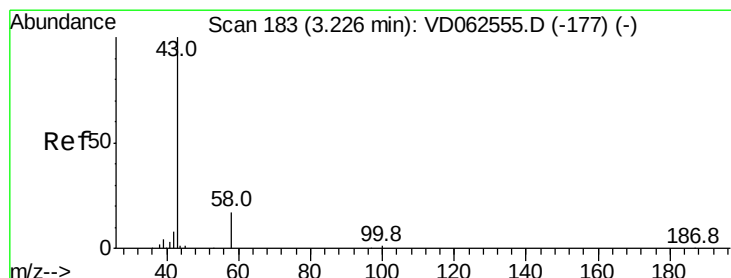
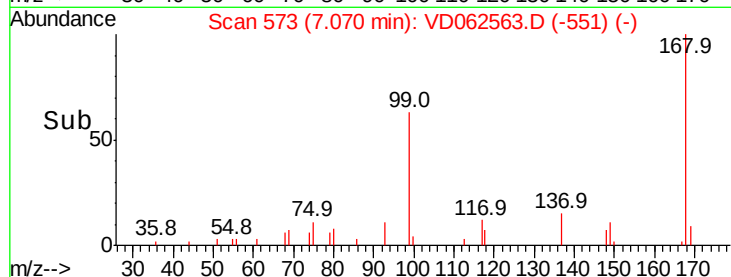
15000

10000

5000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 221.444 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD062563.D

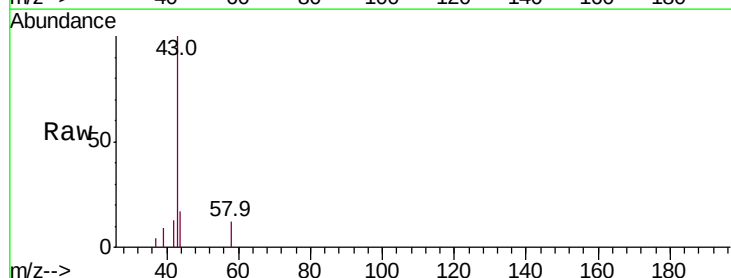
Acq: 31 May 2019 14:58

Tgt Ion: 43 Resp: 33867

Ion Ratio Lower Upper

43 100

58 12.3 13.8 20.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

12000

10000

8000

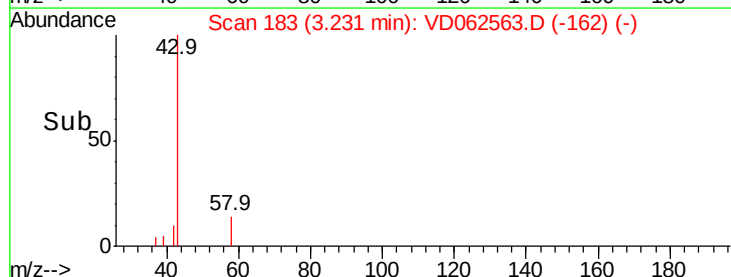
6000

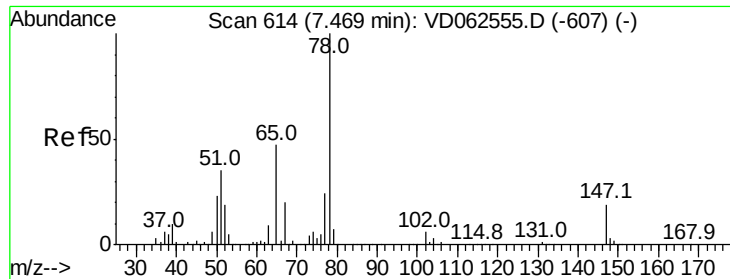
4000

2000

0

Time--> 3.20 3.30

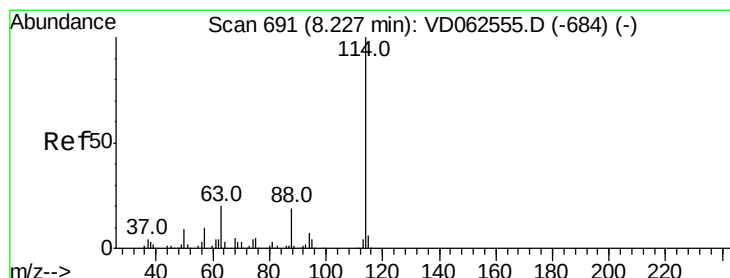
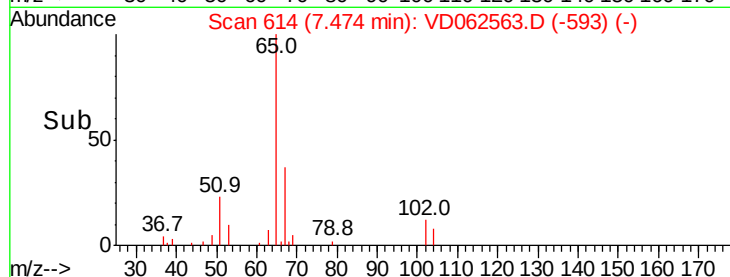
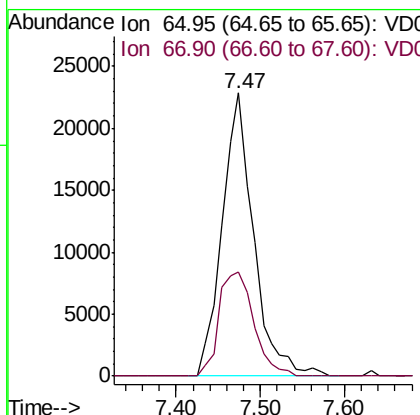
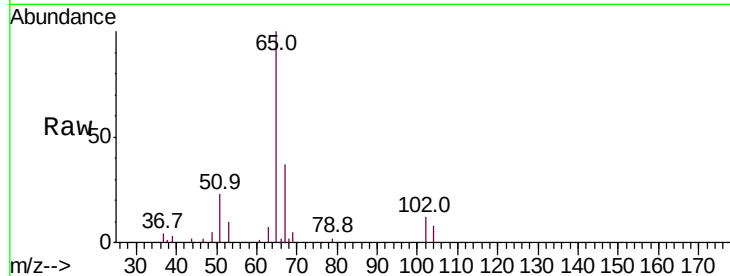




#33
 1,2-Dichloroethane-d4
 Concen: 75.939 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: VD062563.D
 Acq: 31 May 2019 14:58

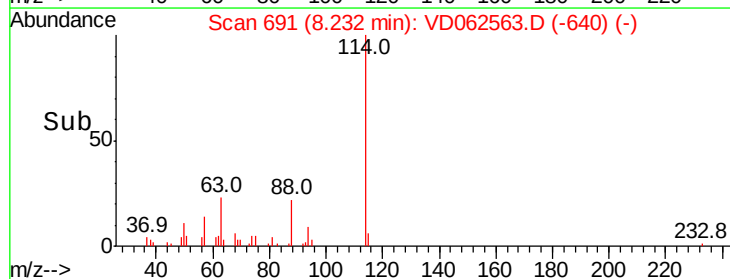
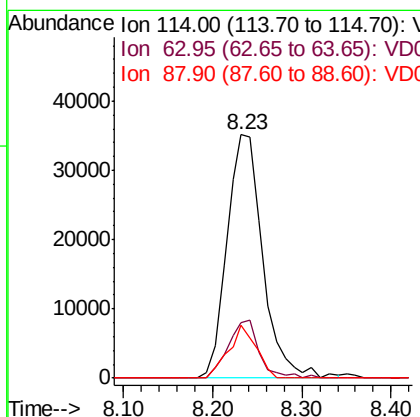
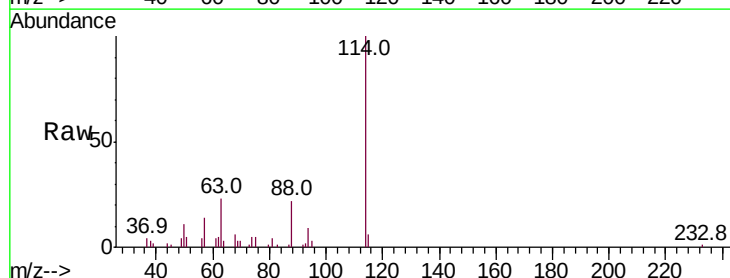
Instrument :
 MSVOA_D
 ClientSampled :
 TP-25-D2

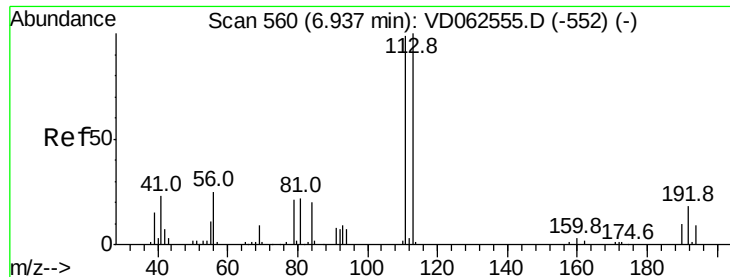
Tot Ion: 65 Resp: 59110
 Ion Ratio Lower Upper
 65 100
 67 37.0 0.0 83.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD062563.D
 Acq: 31 May 2019 14:58

Tgt Ion: 114 Resp: 98456
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 40.6
 88 21.7 0.0 37.6





#35

Dibromofluoromethane

Concen: 45.939 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD062563.D

Acq: 31 May 2019 14:58

Instrument :

MSVOA_D

ClientSampleId :

TP-25-D2

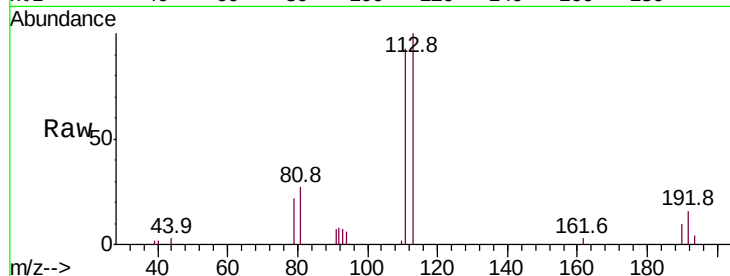
Tot Ion:113 Resp: 41216

Ion Ratio Lower Upper

113 100

111 93.0 78.8 118.2

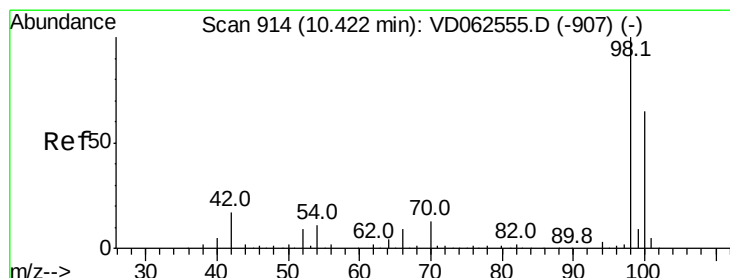
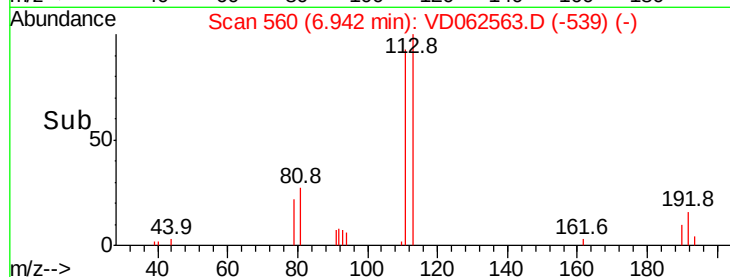
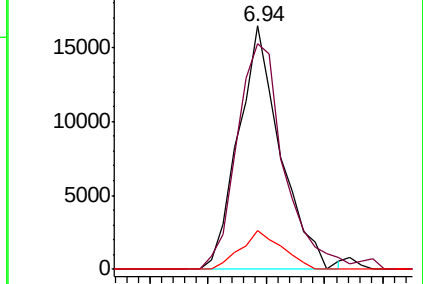
192 15.8 14.6 22.0



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: 36.994 ug/l

RT: 10.43 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD062563.D

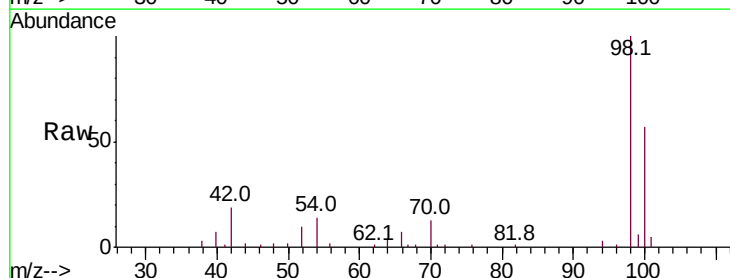
Acq: 31 May 2019 14:58

Tgt Ion: 98 Resp: 72721

Ion Ratio Lower Upper

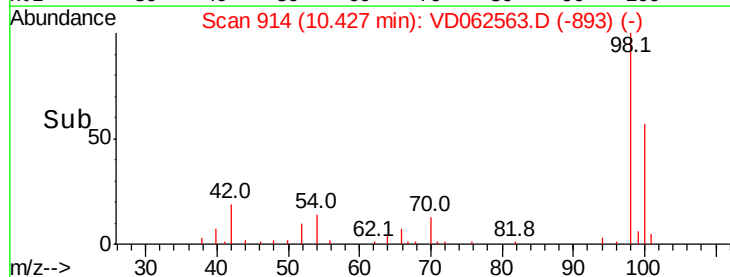
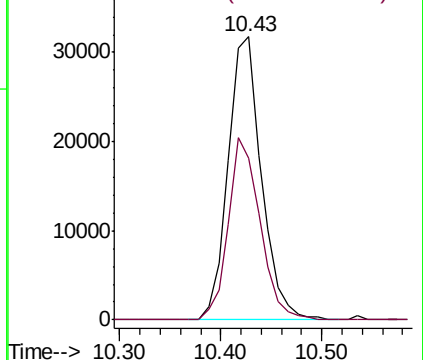
98 100

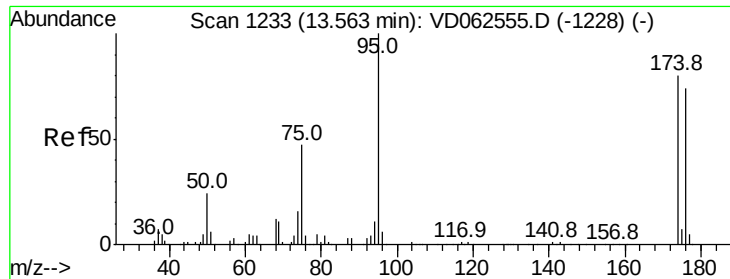
100 57.3 52.3 78.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

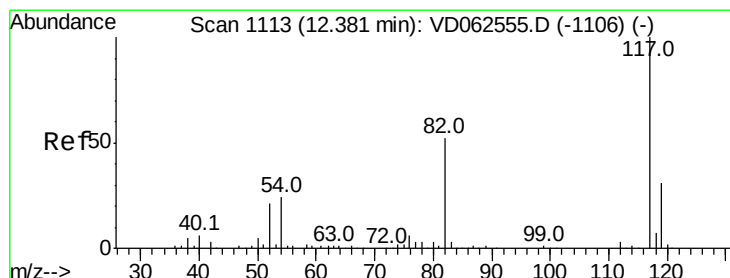
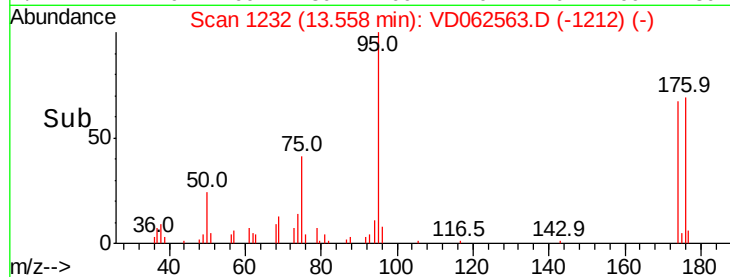
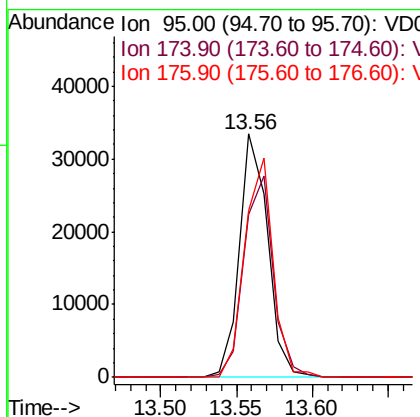
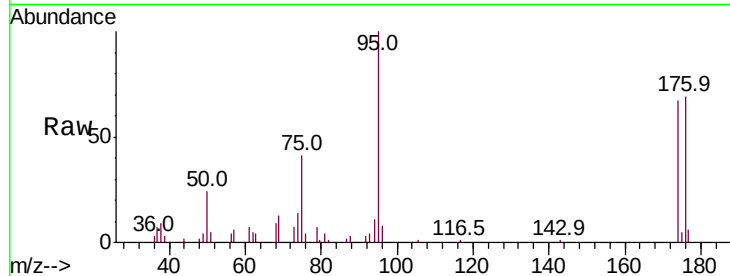




#62
 4-Bromofluorobenzene
 Concen: 48.735 ug/l
 RT: 13.56 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VD062563.D
 Acq: 31 May 2019 14:58

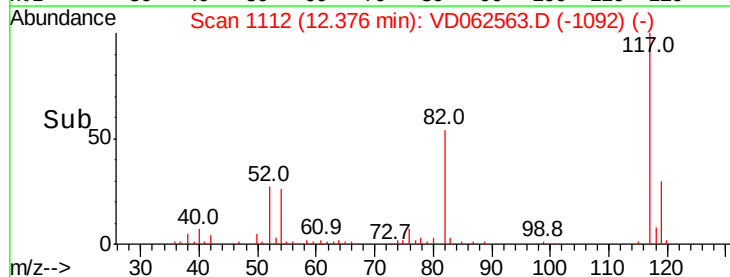
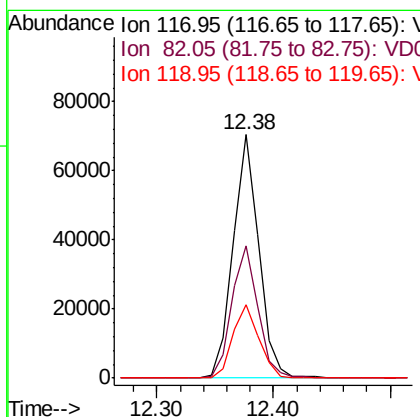
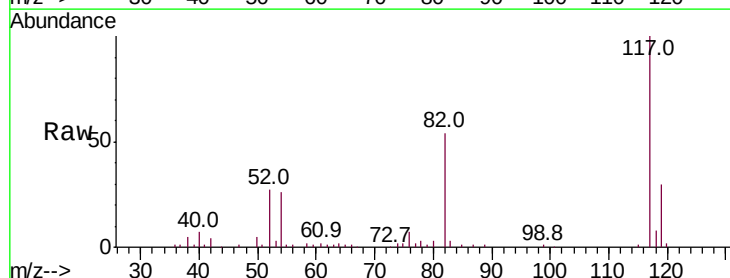
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-25-D2

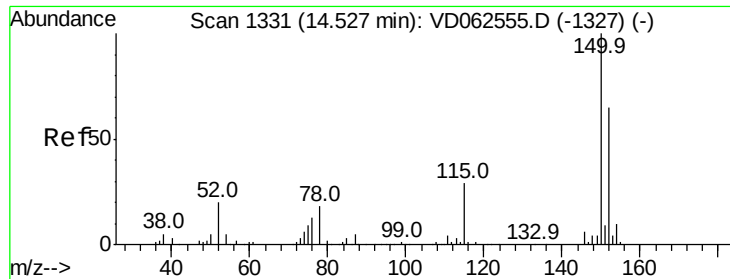
Tot Ion: 95 Resp: 43204
 Ion Ratio Lower Upper
 95 100
 174 66.8 0.0 160.2
 176 68.6 0.0 148.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.38 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: VD062563.D
 Acq: 31 May 2019 14:58

Tgt Ion: 117 Resp: 107563
 Ion Ratio Lower Upper
 117 100
 82 54.3 41.4 62.2
 119 30.2 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD062563.D

Acq: 31 May 2019 14:58

Instrument :

MSVOA_D

ClientSampleId :

TP-25-D2

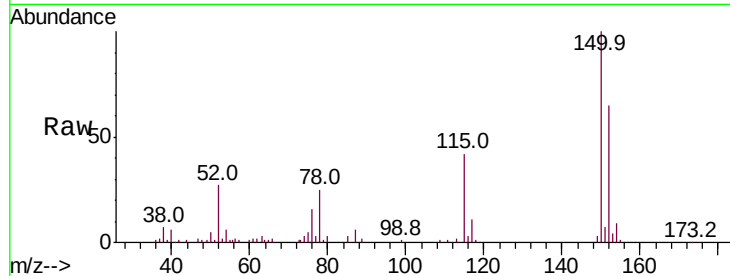
Tot Ion:152 Resp: 66212

Ion Ratio Lower Upper

152 100

115 64.8 28.4 85.3

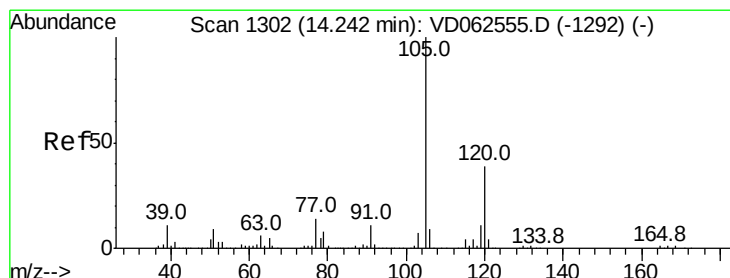
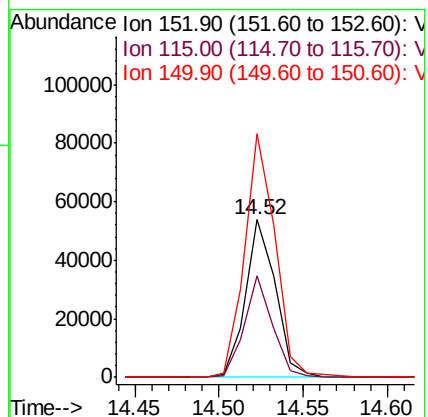
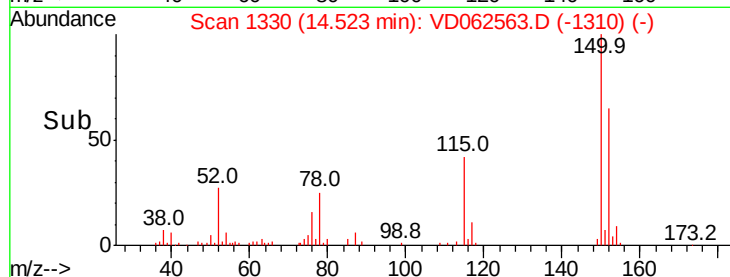
150 154.6 0.0 310.4



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



#84

1,2,4-Trimethylbenzene

Concen: 1.082 ug/l

RT: 14.24 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VD062563.D

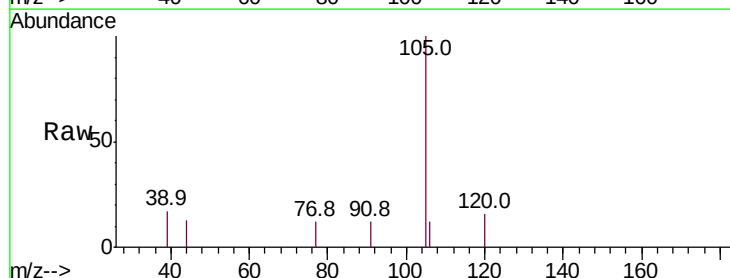
Acq: 31 May 2019 14:58

Tgt Ion:105 Resp: 4113

Ion Ratio Lower Upper

105 100

120 15.7 19.6 58.8#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

