

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052819\
 Data File : VD062539.D
 Acq On : 28 May 2019 15:26
 Operator : VA/AP
 Sample : K3074-04
 Misc : 4.88g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3B-S2

Quant Time: May 29 01:21:32 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	7.05	168	295929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	368531	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	334916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	190504	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	148640	46.92	ug/l	0.00
Spiked Amount						
			Recovery	=	93.84%	
35) Dibromofluoromethane	6.93	113	153485	46.17	ug/l	0.00
Spiked Amount						
			Recovery	=	92.34%	
50) Toluene-d8	10.42	98	302523	41.58	ug/l	0.00
Spiked Amount						
			Recovery	=	83.16%	
62) 4-Bromofluorobenzene	13.56	95	141519	44.47	ug/l	0.00
Spiked Amount						
			Recovery	=	88.94%	

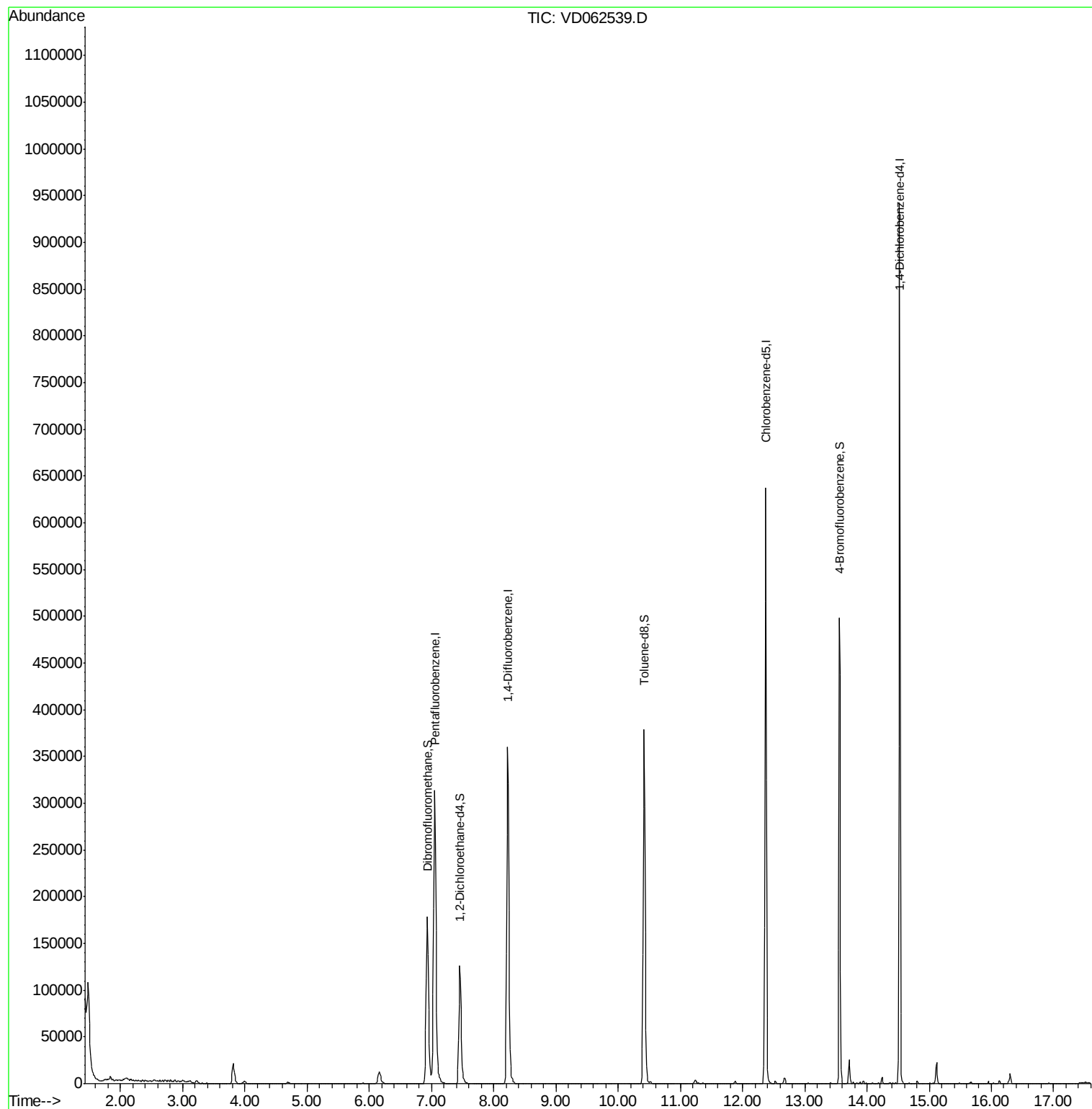
Target Compounds	Qvalue
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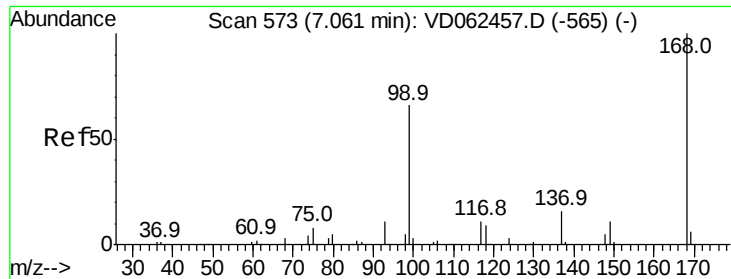
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.01 min

Lab File: VD062539.D

Acq: 28 May 2019 15:26

Instrument :

MSVOA_D

ClientSampleId :

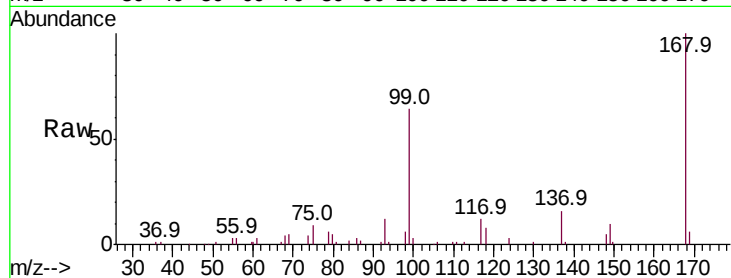
TP-3B-S2

Tot Ion:168 Resp: 295929

Ion Ratio Lower Upper

168 100

99 63.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

100000

80000

60000

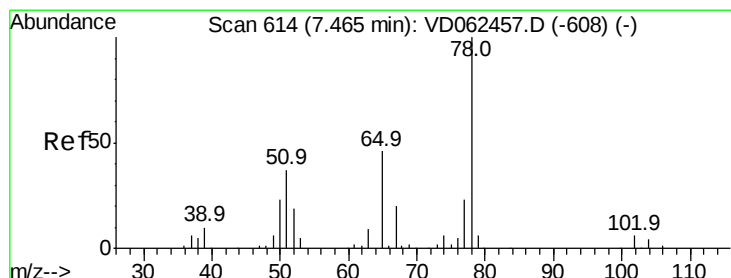
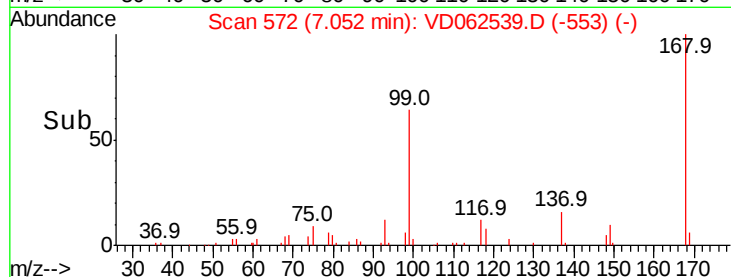
40000

20000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.923 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.01 min

Lab File: VD062539.D

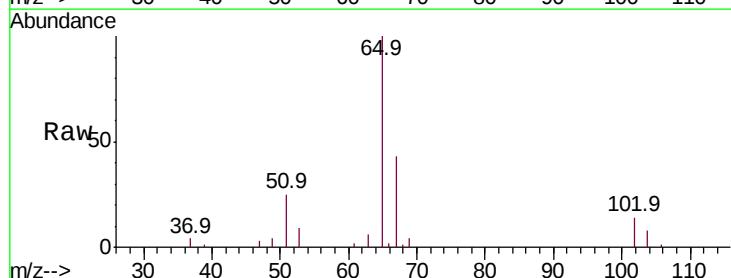
Acq: 28 May 2019 15:26

Tgt Ion: 65 Resp: 148640

Ion Ratio Lower Upper

65 100

67 42.6 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

60000

50000

40000

30000

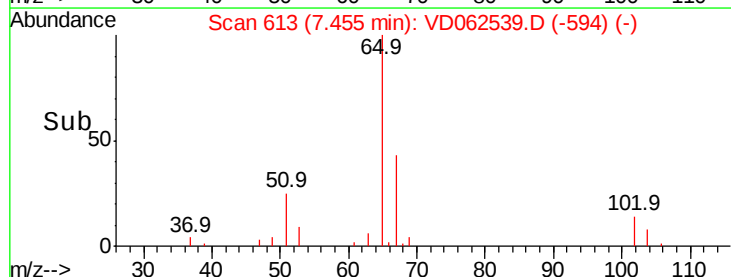
20000

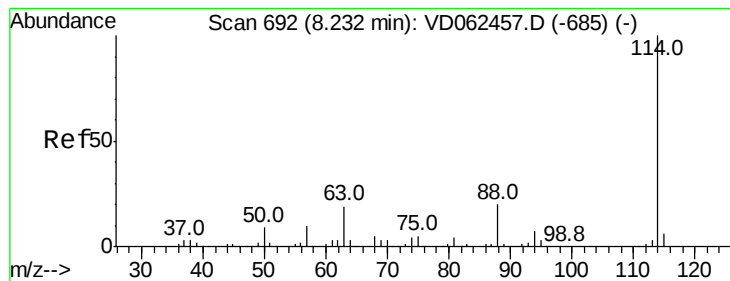
10000

0

7.40 7.50 7.60

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. -0.01 min

Lab File: VD062539.D

Acq: 28 May 2019 15:26

Instrument :

MSVOA_D

ClientSampleId :

TP-3B-S2

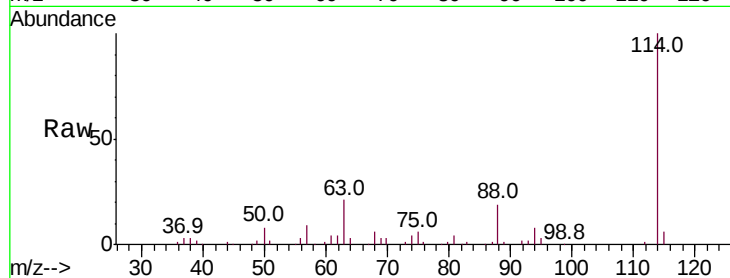
Tot Ion:114 Resp: 368531

Ion Ratio Lower Upper

114 100

63 21.4 0.0 32.4

88 19.0 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V

200000

150000

100000

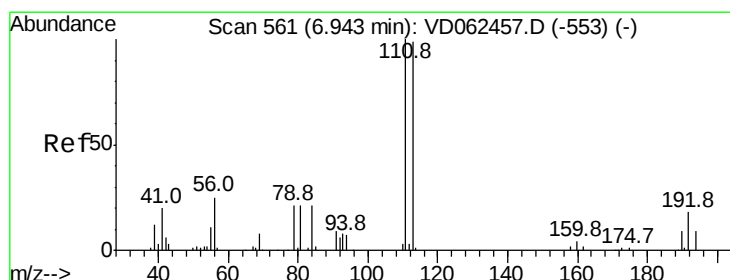
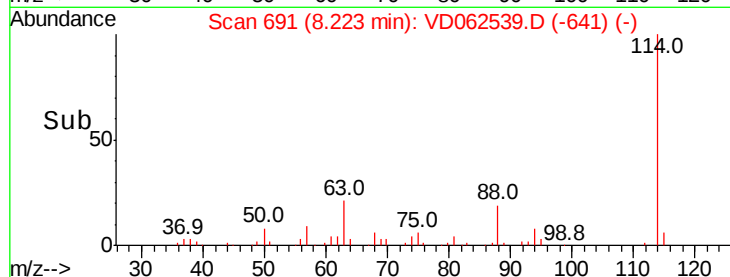
50000

0

8.22

8.10 8.20 8.30 8.40

Time-->



#35

Dibromofluoromethane

Concen: 46.166 ug/l

RT: 6.93 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD062539.D

Acq: 28 May 2019 15:26

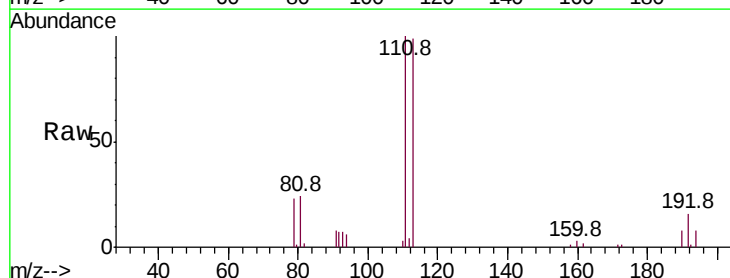
Tgt Ion:113 Resp: 153485

Ion Ratio Lower Upper

113 100

111 101.0 78.5 117.7

192 16.6 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

60000

40000

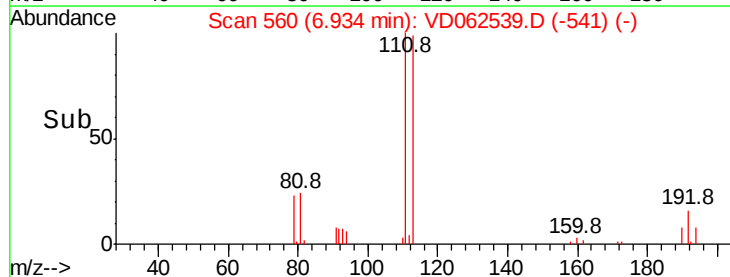
20000

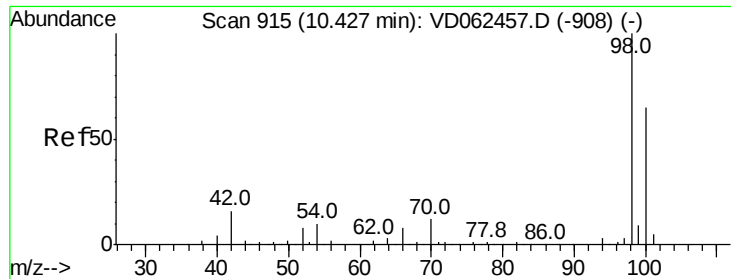
0

6.93

6.80 6.90 7.00

Time-->





#50

Toluene-d8

Concen: 41.581 ug/l

RT: 10.42 min Scan# 914

Delta R.T. -0.01 min

Lab File: VD062539.D

Acq: 28 May 2019 15:26

Instrument :

MSVOA_D

ClientSampleId :

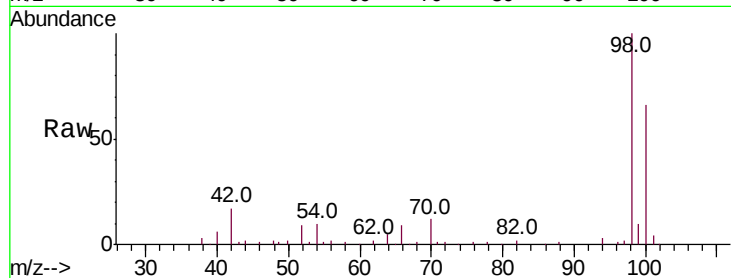
TP-3B-S2

Tot Ion: 98 Resp: 302523

Ion Ratio Lower Upper

98 100

100 65.7 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062457.D (-908) (-)

Ion 100.05 (99.75 to 100.75): VD062457.D (-908) (-)

10.42

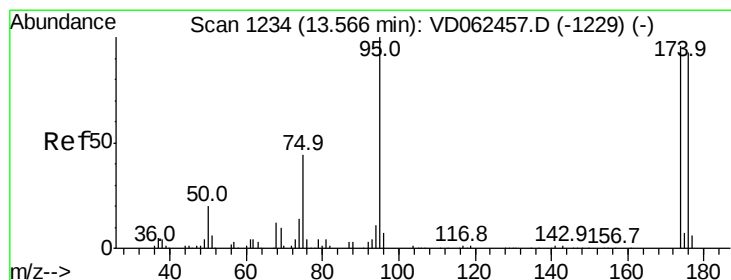
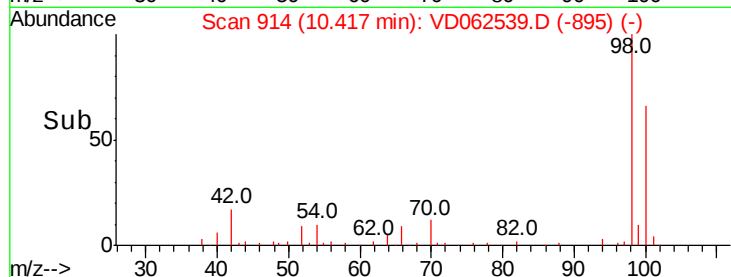
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.467 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.01 min

Lab File: VD062539.D

Acq: 28 May 2019 15:26

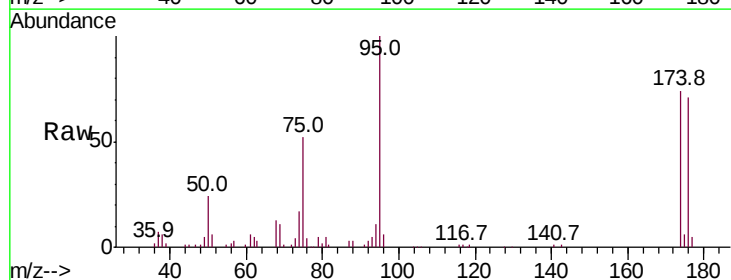
Tgt Ion: 95 Resp: 141519

Ion Ratio Lower Upper

95 100

174 73.8 0.0 181.8

176 70.6 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062457.D (-1229) (-)

Ion 173.90 (173.60 to 174.60): VD062457.D (-1229) (-)

Ion 175.90 (175.60 to 176.60): VD062457.D (-1229) (-)

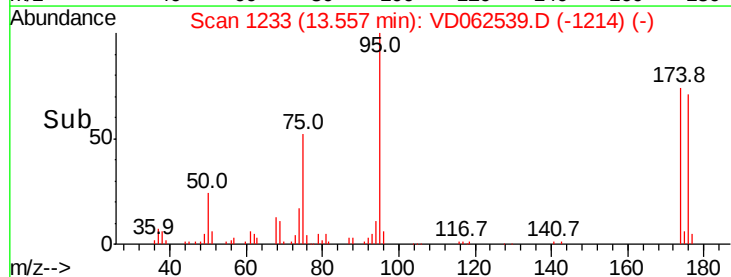
13.56

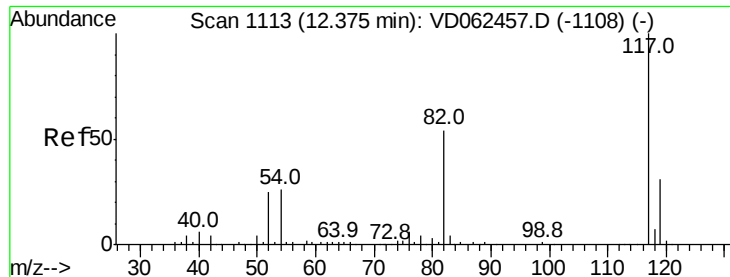
100000

50000

0

Time-->

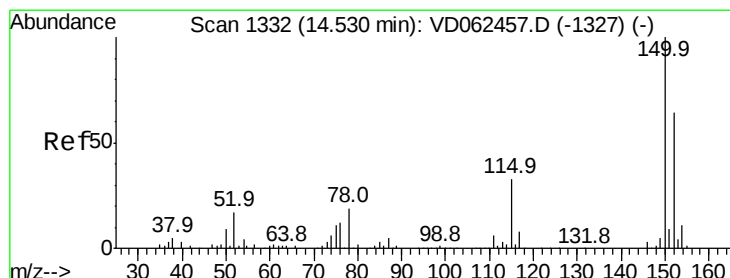
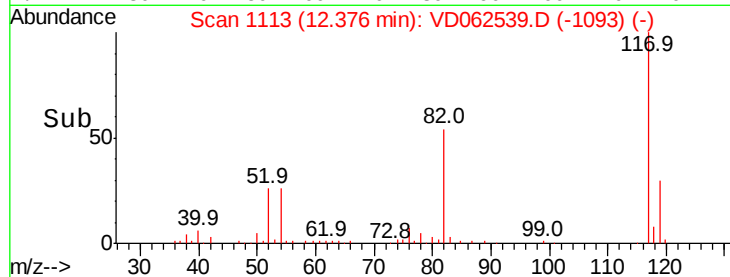
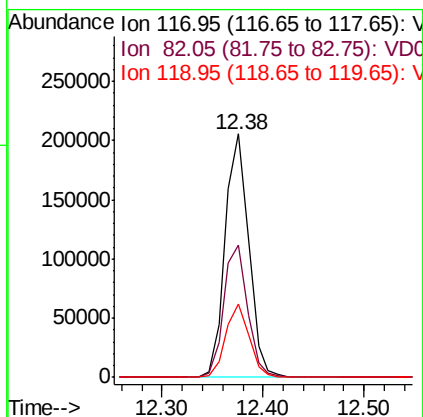
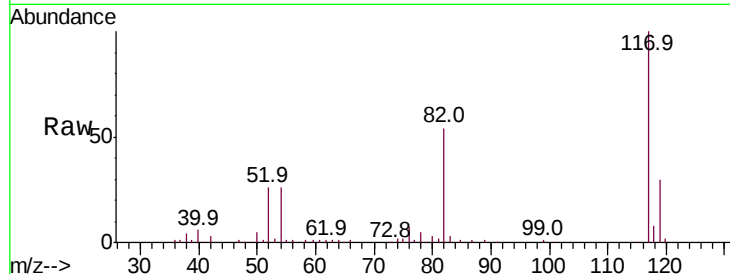




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.38 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VD062539.D
 Acq: 28 May 2019 15:26

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3B-S2

Tot Ion:117 Resp: 334916
 Ion Ratio Lower Upper
 117 100
 82 54.3 36.2 54.2#
 119 30.4 26.2 39.4



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: VD062539.D
 Acq: 28 May 2019 15:26

Tgt Ion:152 Resp: 190504
 Ion Ratio Lower Upper
 152 100
 115 57.7 30.9 92.7
 150 153.6 0.0 314.8

