

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052819\
 Data File : VD062544.D
 Acq On : 28 May 2019 17:41
 Operator : VA/AP
 Sample : K3072-01
 Misc : 6.17g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: May 29 01:30:59 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	295931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	372613	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	326325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	182709	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	142651	45.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.06%	
35) Dibromofluoromethane	6.94	113	145503	43.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.58%	
50) Toluene-d8	10.43	98	280861	38.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.36%	
62) 4-Bromofluorobenzene	13.57	95	131833	40.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.94%	

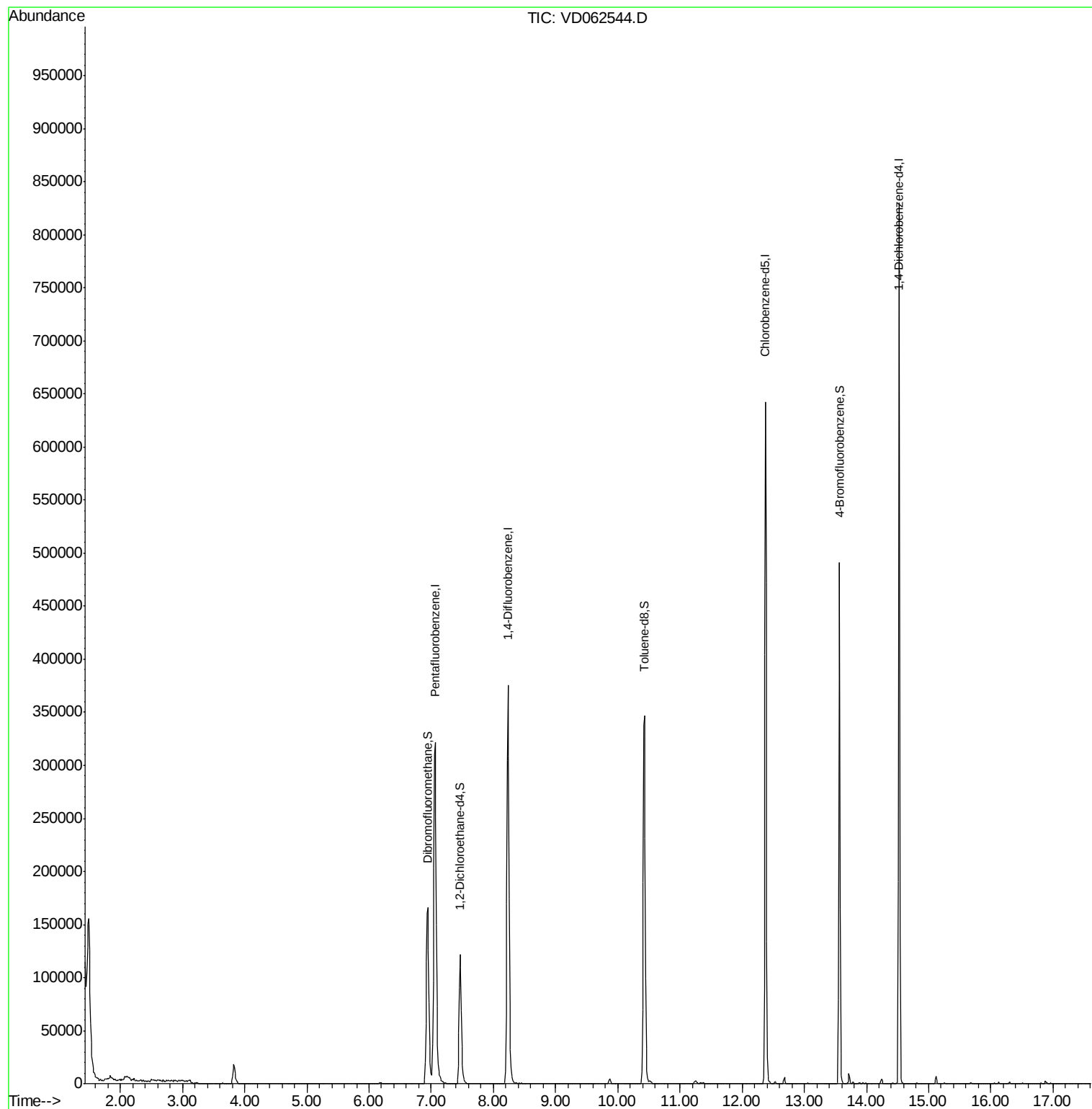
Target Compounds	Qvalue
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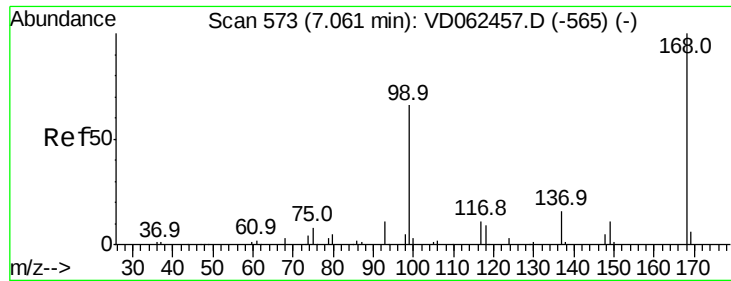
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
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: VD062544.D

Acq: 28 May 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

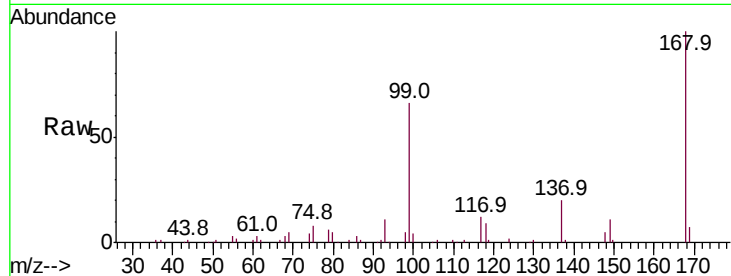
TP-1

Tot Ion:168 Resp: 295931

Ion Ratio Lower Upper

168 100

99 65.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

120000

100000

80000

60000

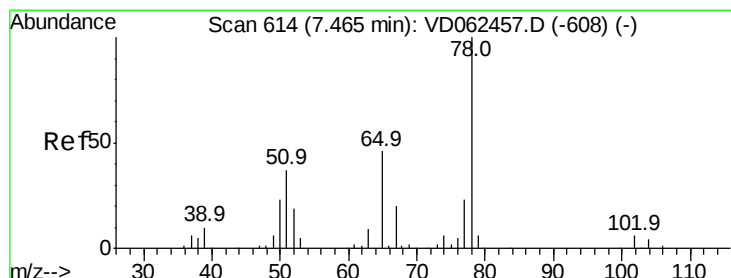
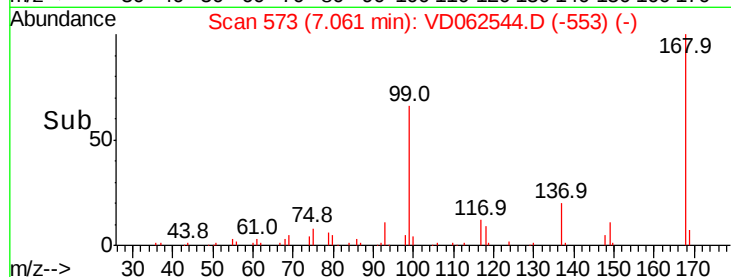
40000

20000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 45.032 ug/l

RT: 7.46 min Scan# 614

Delta R.T. 0.00 min

Lab File: VD062544.D

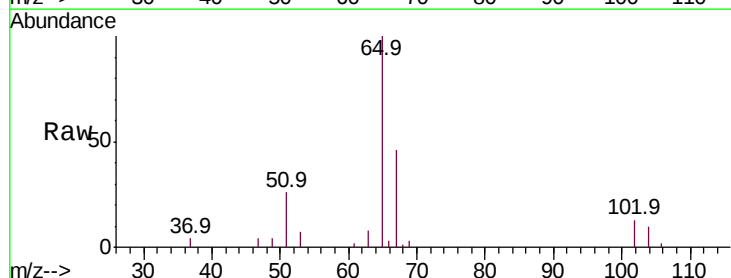
Acq: 28 May 2019 17:41

Tgt Ion: 65 Resp: 142651

Ion Ratio Lower Upper

65 100

67 45.5 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

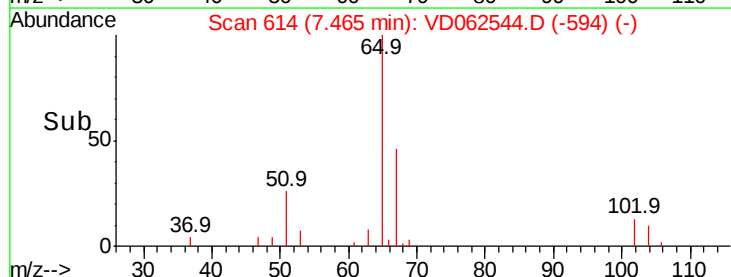
20000

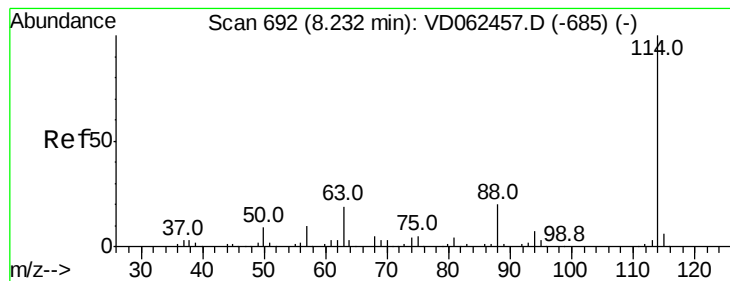
10000

0

Time-->

7.40 7.50 7.60





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 692

Delta R.T. 0.00 min

Lab File: VD062544.D

Acq: 28 May 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

TP-1

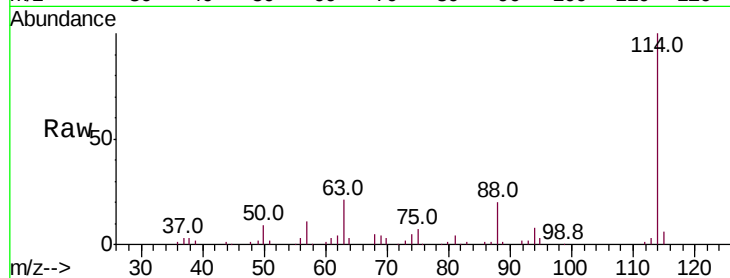
Tot Ion:114 Resp: 372613

Ion Ratio Lower Upper

114 100

63 21.0 0.0 32.4

88 19.7 0.0 33.6



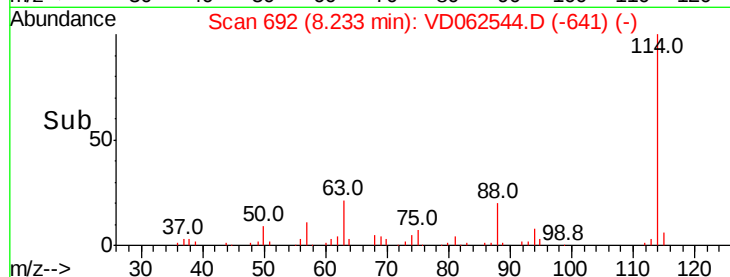
Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

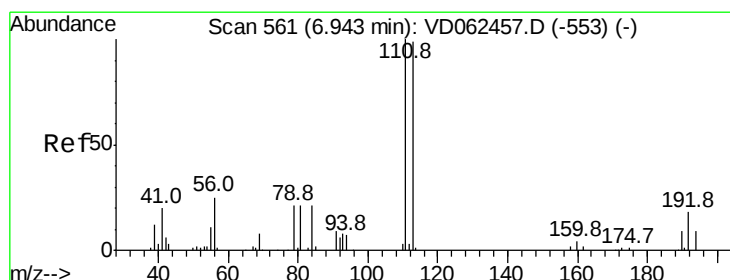
Ion 87.90 (87.60 to 88.60): V

8.23

Time-->



Time-->



#35

Dibromofluoromethane

Concen: 43.286 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.00 min

Lab File: VD062544.D

Acq: 28 May 2019 17:41

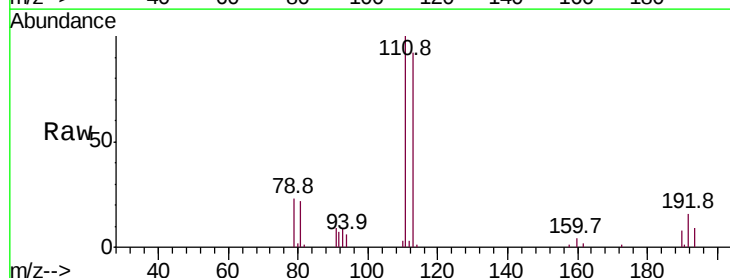
Tgt Ion:113 Resp: 145503

Ion Ratio Lower Upper

113 100

111 108.2 78.5 117.7

192 17.0 13.0 19.4



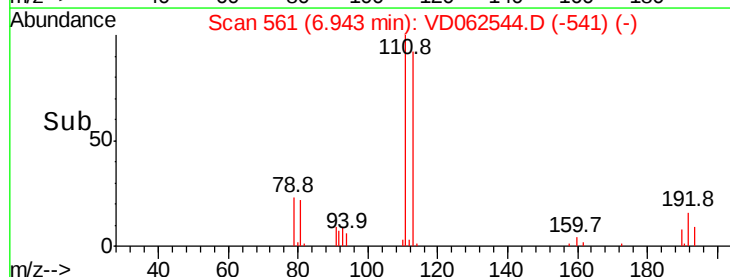
Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

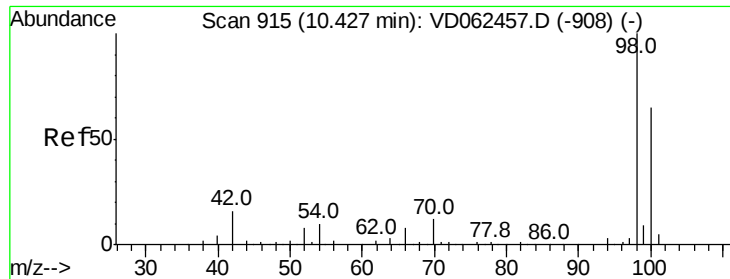
Ion 191.80 (191.50 to 192.50): V

6.94

Time-->



Time-->



#50

Toluene-d8

Concen: 38.181 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.00 min

Lab File: VD062544.D

Acq: 28 May 2019 17:41

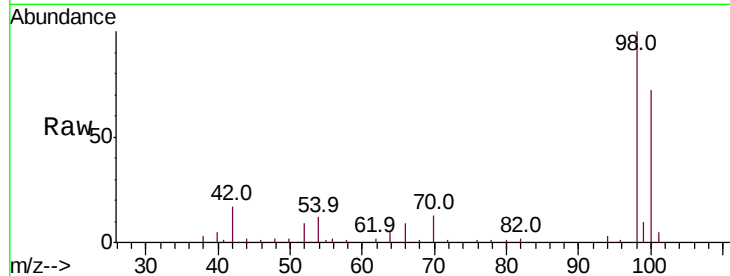
Instrument :
MSVOA_D
ClientSampled :
TP-1

Tot Ion: 98 Resp: 280861

Ion Ratio Lower Upper

98 100

100 71.6 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) (-)

10.43

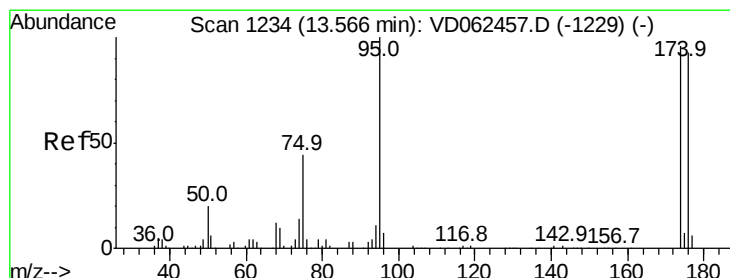
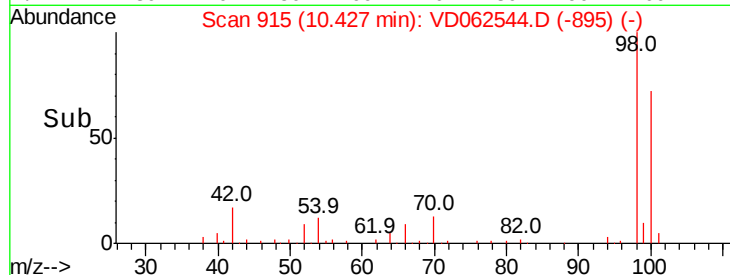
100000

50000

0

Time-->

10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 40.970 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.00 min

Lab File: VD062544.D

Acq: 28 May 2019 17:41

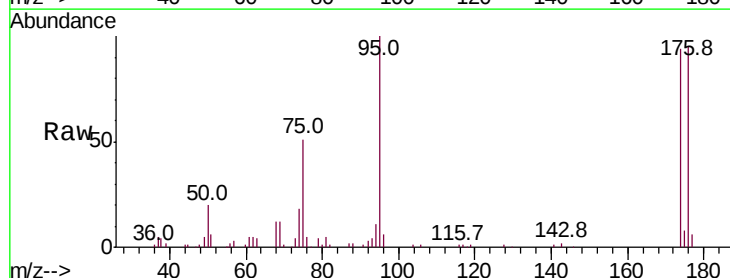
Tgt Ion: 95 Resp: 131833

Ion Ratio Lower Upper

95 100

174 93.8 0.0 181.8

176 95.1 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) (-)

120000

100000

80000

60000

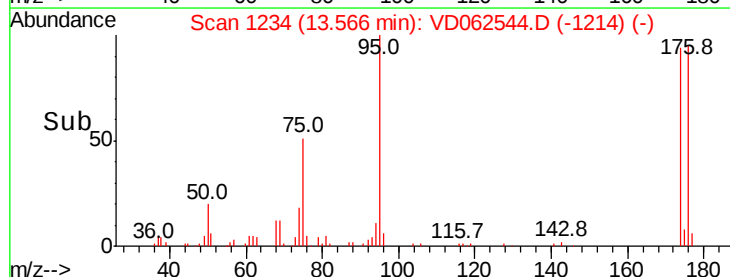
40000

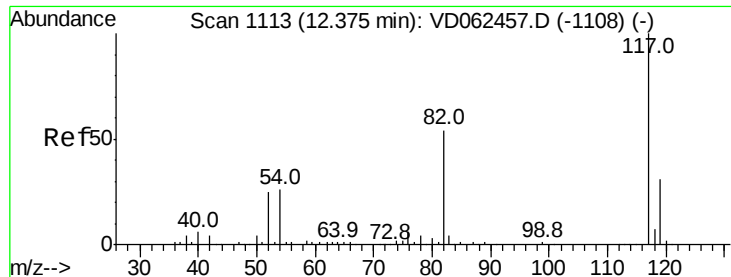
20000

0

Time-->

13.50 13.55 13.60 13.65

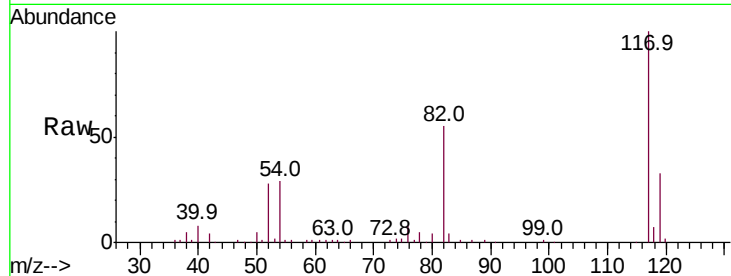




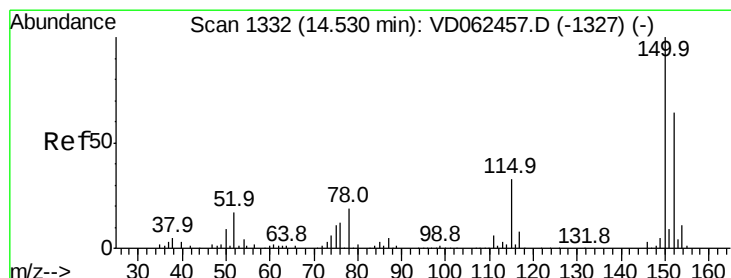
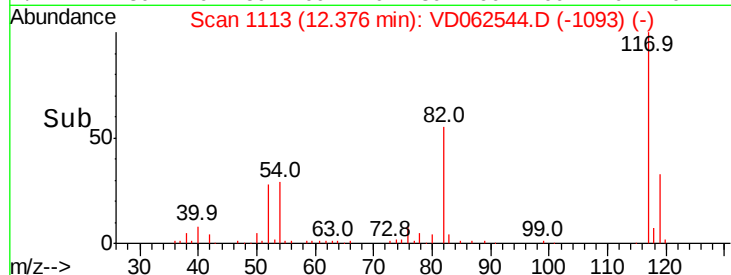
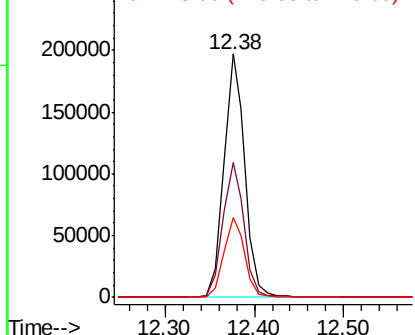
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VD062544.D
Acq: 28 May 2019 17:41

Instrument :
MSVOA_D
ClientSampled :
TP-1

Tot Ion:117 Resp: 326325
Ion Ratio Lower Upper
117 100
82 55.3 36.2 54.2#
119 32.5 26.2 39.4

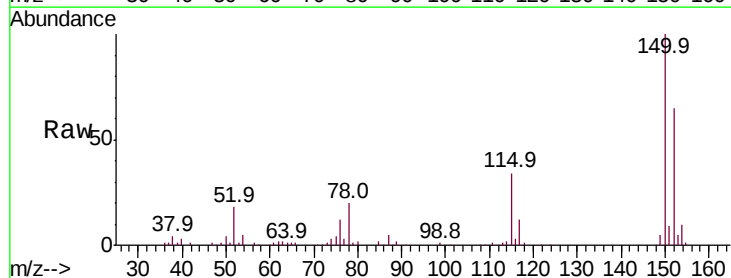


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.00 min
Lab File: VD062544.D
Acq: 28 May 2019 17:41

Tgt Ion:152 Resp: 182709
Ion Ratio Lower Upper
152 100
115 52.2 30.9 92.7
150 152.7 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

