

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052119\
 Data File : VD062494.D
 Acq On : 21 May 2019 21:07
 Operator : VA/AP
 Sample : K2971-03RE
 Misc : 5.69g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUP-2A-G-3-052019RE

Quant Time: May 22 03:30:41 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	7.04	168	548225	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	754068	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	612890	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	301826	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	187835	32.01	ug/l	-0.02
Spiked Amount			Recovery	=	64.02%	
35) Dibromofluoromethane	6.92	113	244524	35.95	ug/l	-0.03
Spiked Amount			Recovery	=	71.90%	
50) Toluene-d8	10.40	98	489036	32.85	ug/l	-0.03
Spiked Amount			Recovery	=	65.70%	
62) 4-Bromofluorobenzene	13.55	95	211282	32.44	ug/l	-0.02
Spiked Amount			Recovery	=	64.88%	

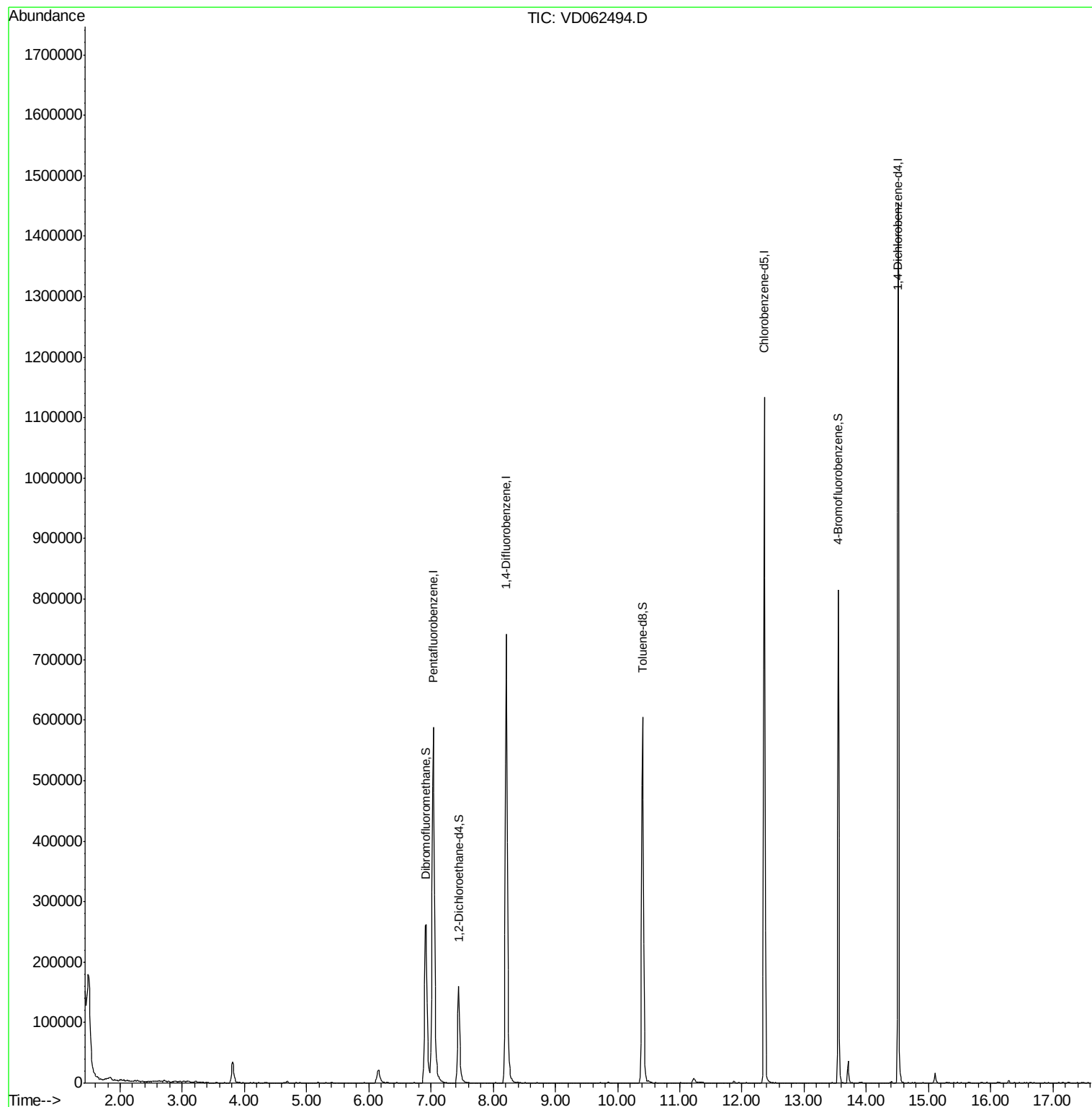
Target Compounds	Qvalue
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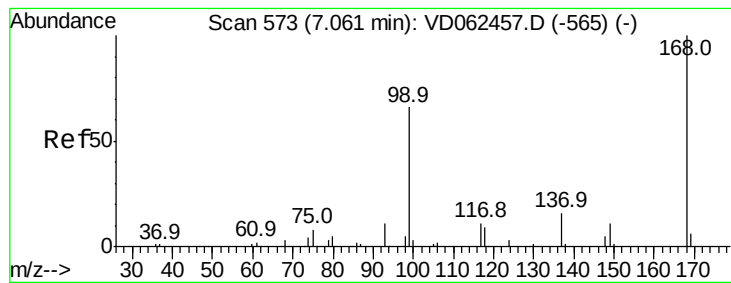
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.04 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD062494.D

Acq: 21 May 2019 21:07

Instrument :

MSVOA_D

ClientSampleId :

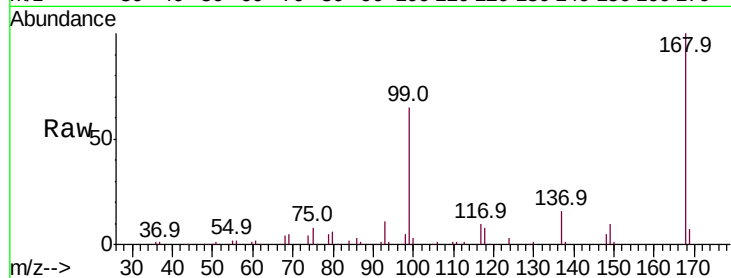
SUP-2A-G-3-052019RE

Tot Ion:168 Resp: 548225

Ion Ratio Lower Upper

168 100

99 65.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

200000

150000

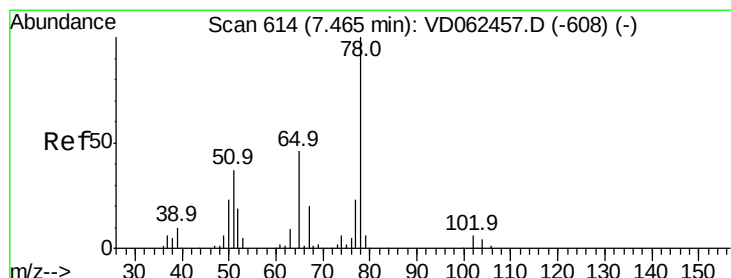
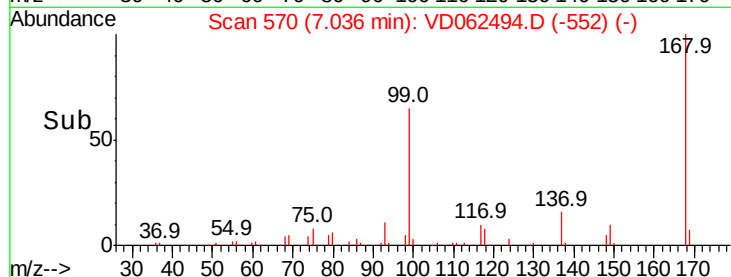
100000

50000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#33

1,2-Dichloroethane-d4

Concen: 32.008 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD062494.D

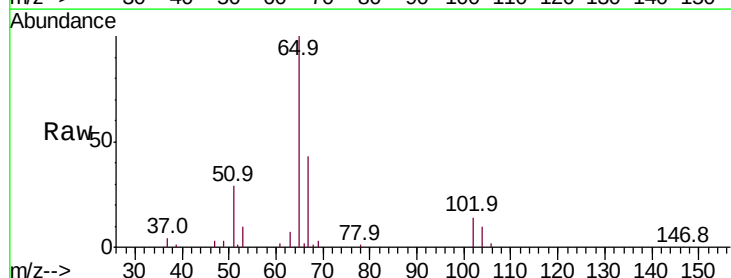
Acq: 21 May 2019 21:07

Tgt Ion: 65 Resp: 187835

Ion Ratio Lower Upper

65 100

67 43.1 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

80000

60000

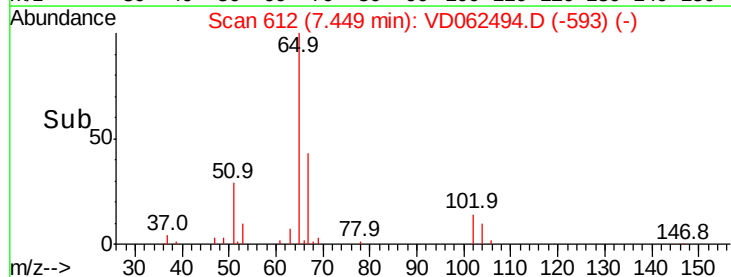
40000

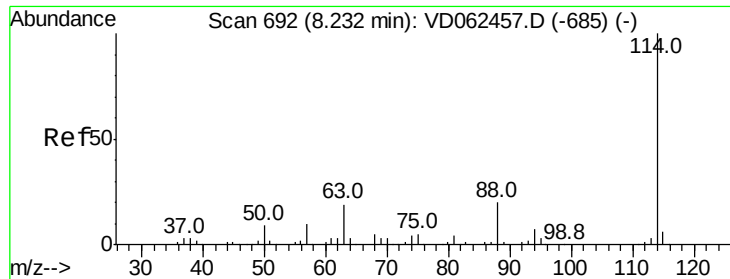
20000

0

7.30 7.40 7.50 7.60

Time-->

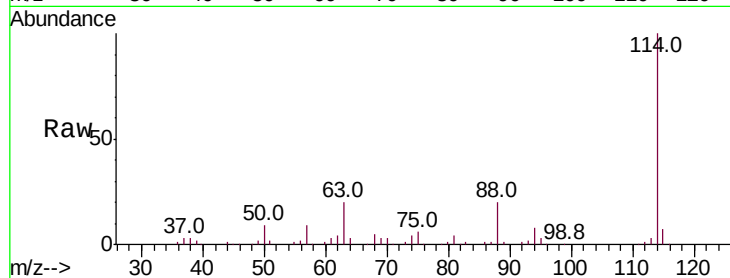




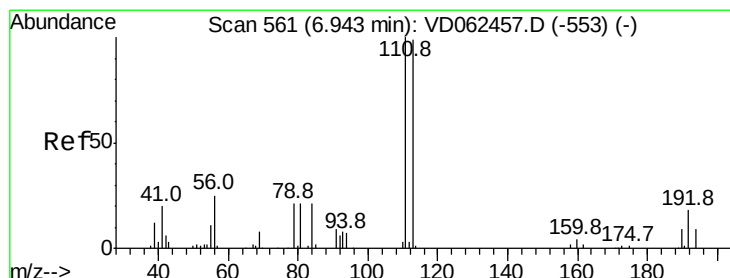
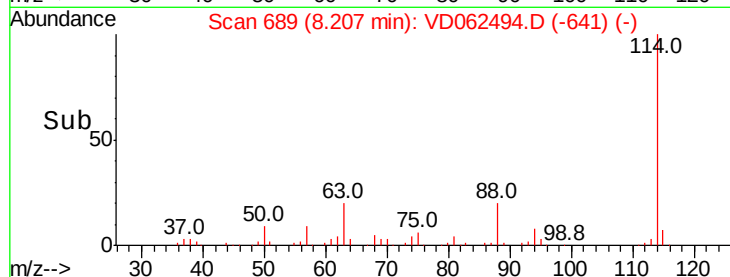
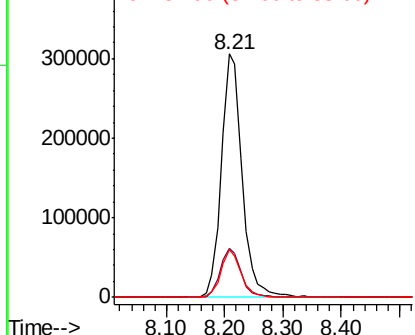
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.03 min
 Lab File: VD062494.D
 Acq: 21 May 2019 21:07

Instrument :
 MSVOA_D
 ClientSampleId :
 SUP-2A-G-3-052019RE

Tot Ion:114 Resp: 754068
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 32.4
 88 19.7 0.0 33.6

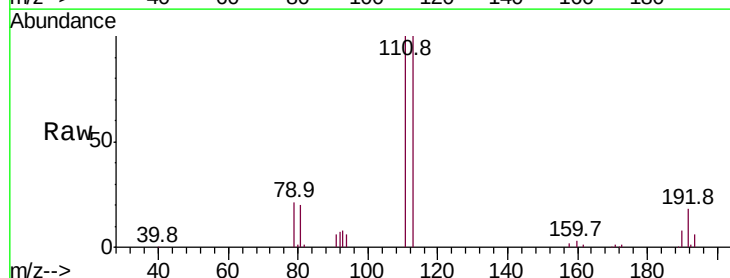


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

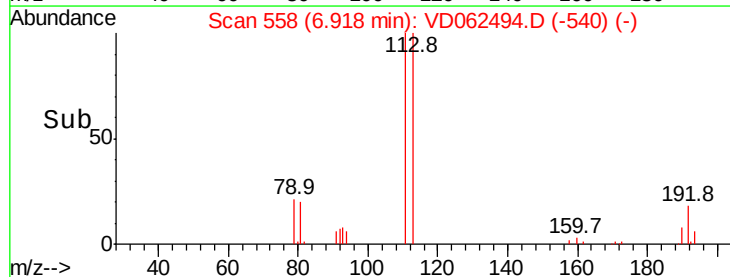
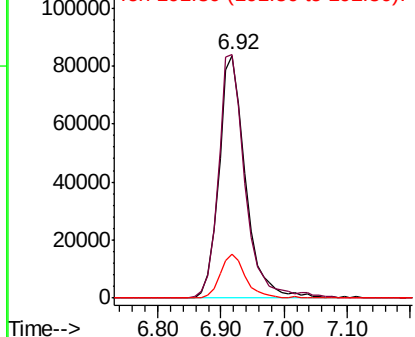


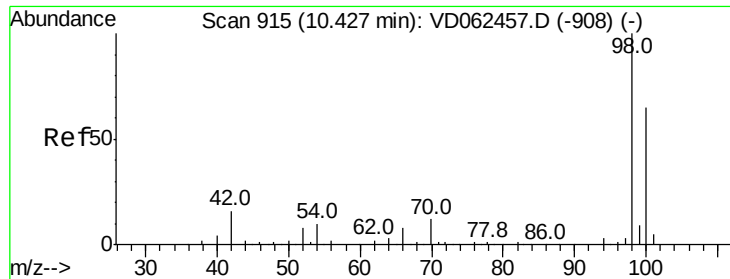
#35
 Dibromofluoromethane
 Concen: 35.946 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.03 min
 Lab File: VD062494.D
 Acq: 21 May 2019 21:07

Tgt Ion:113 Resp: 244524
 Ion Ratio Lower Upper
 113 100
 111 100.3 78.5 117.7
 192 18.0 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





#50

Toluene-d8

Concen: 32.850 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.03 min

Lab File: VD062494.D

Acq: 21 May 2019 21:07

Instrument :

MSVOA_D

ClientSampleId :

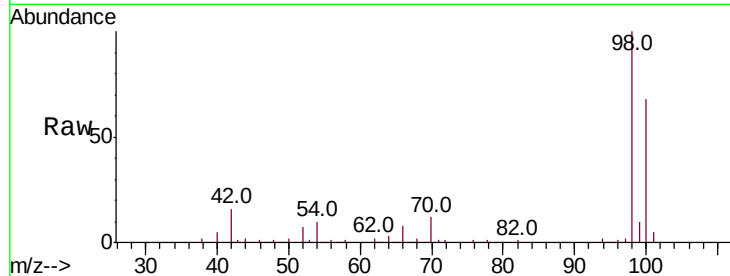
SUP-2A-G-3-052019RE

Tot Ion: 98 Resp: 489036

Ion Ratio Lower Upper

98 100

100 67.9 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) (-)

10.40

200000

150000

100000

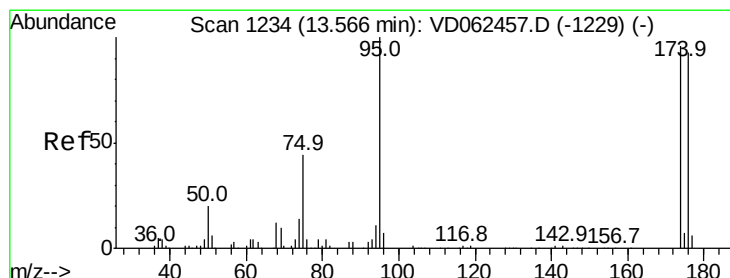
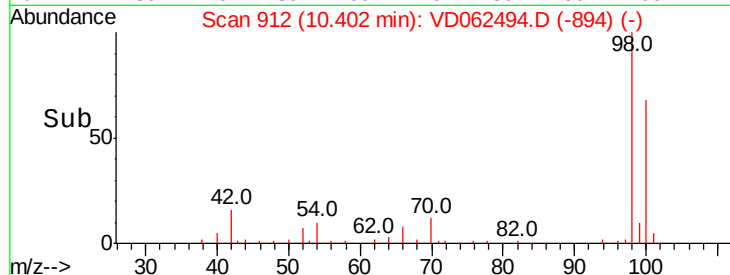
50000

0

10.40

10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 32.445 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.02 min

Lab File: VD062494.D

Acq: 21 May 2019 21:07

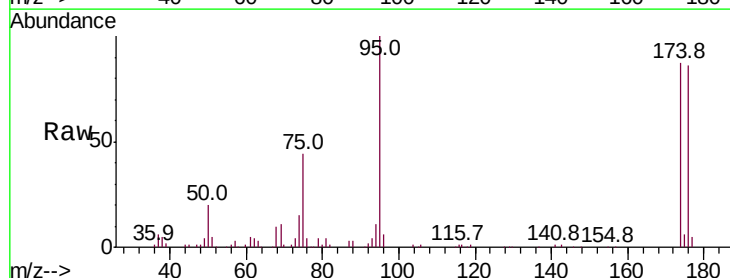
Tgt Ion: 95 Resp: 211282

Ion Ratio Lower Upper

95 100

174 86.6 0.0 181.8

176 86.4 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) (-)

200000

150000

100000

50000

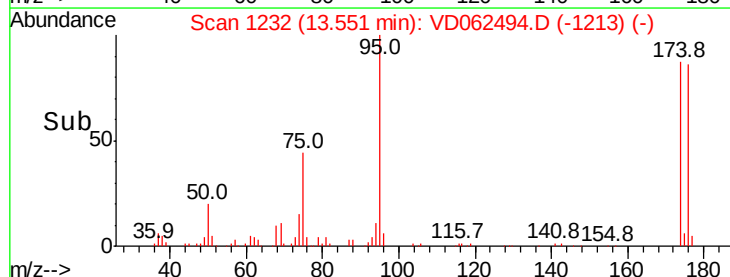
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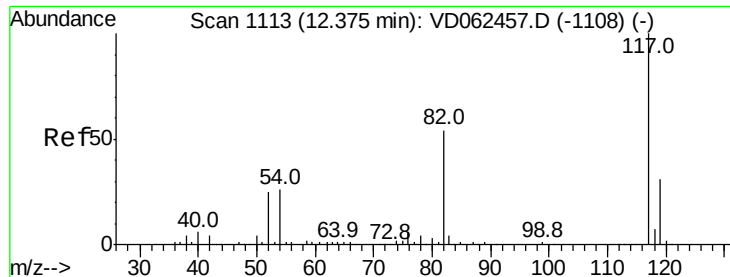
13.55

13.60

13.65

Time-->

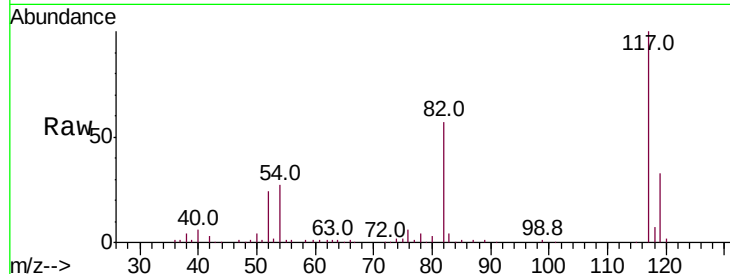




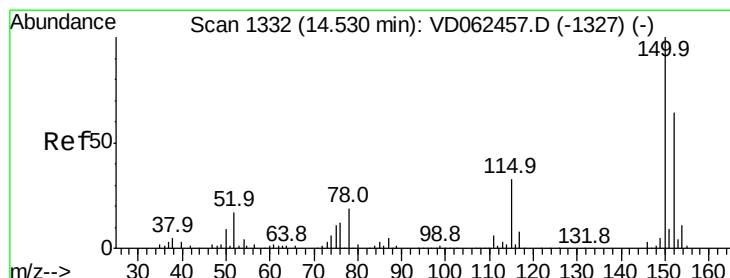
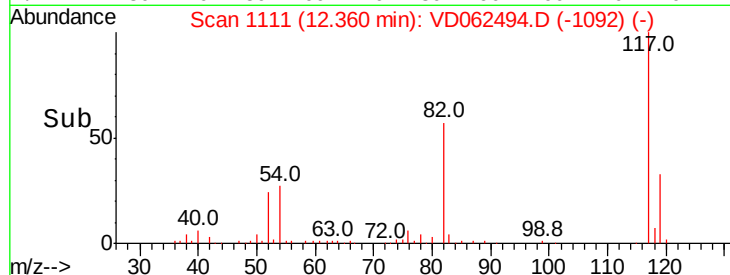
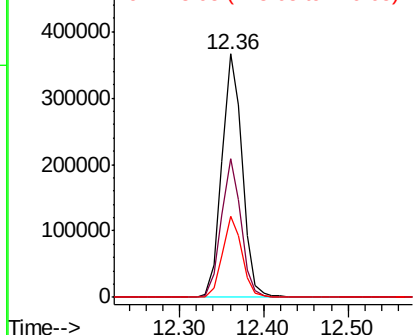
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD062494.D
Acq: 21 May 2019 21:07

Instrument :
MSVOA_D
ClientSampleId :
SUP-2A-G-3-052019RE

Tot Ion:117 Resp: 612890
Ion Ratio Lower Upper
117 100
82 56.9 36.2 54.2#
119 33.2 26.2 39.4

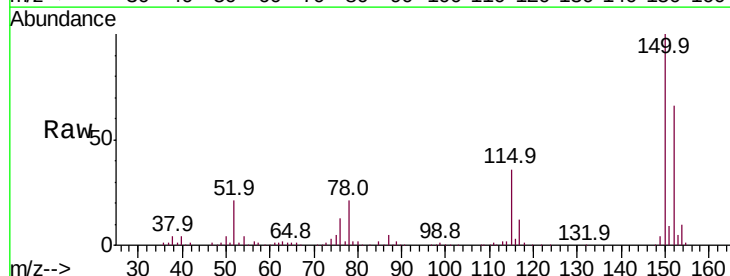


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD062494.D
Acq: 21 May 2019 21:07

Tgt Ion:152 Resp: 301826
Ion Ratio Lower Upper
152 100
115 54.5 30.9 92.7
150 152.5 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

