

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
 Data File : VD062498.D
 Acq On : 22 May 2019 12:37
 Operator : VA/AP
 Sample : VD0522SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0522SBL01

Quant Time: May 23 03:36:28 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	7.02	168	669258	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.20	114	940341	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	753984	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	413631	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	382955	53.46	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	106.92%	
35) Dibromofluoromethane	6.90	113	446054	52.58	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	105.16%	
50) Toluene-d8	10.39	98	990010	53.33	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	106.66%	
62) 4-Bromofluorobenzene	13.55	95	413910	50.97	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	101.94%	

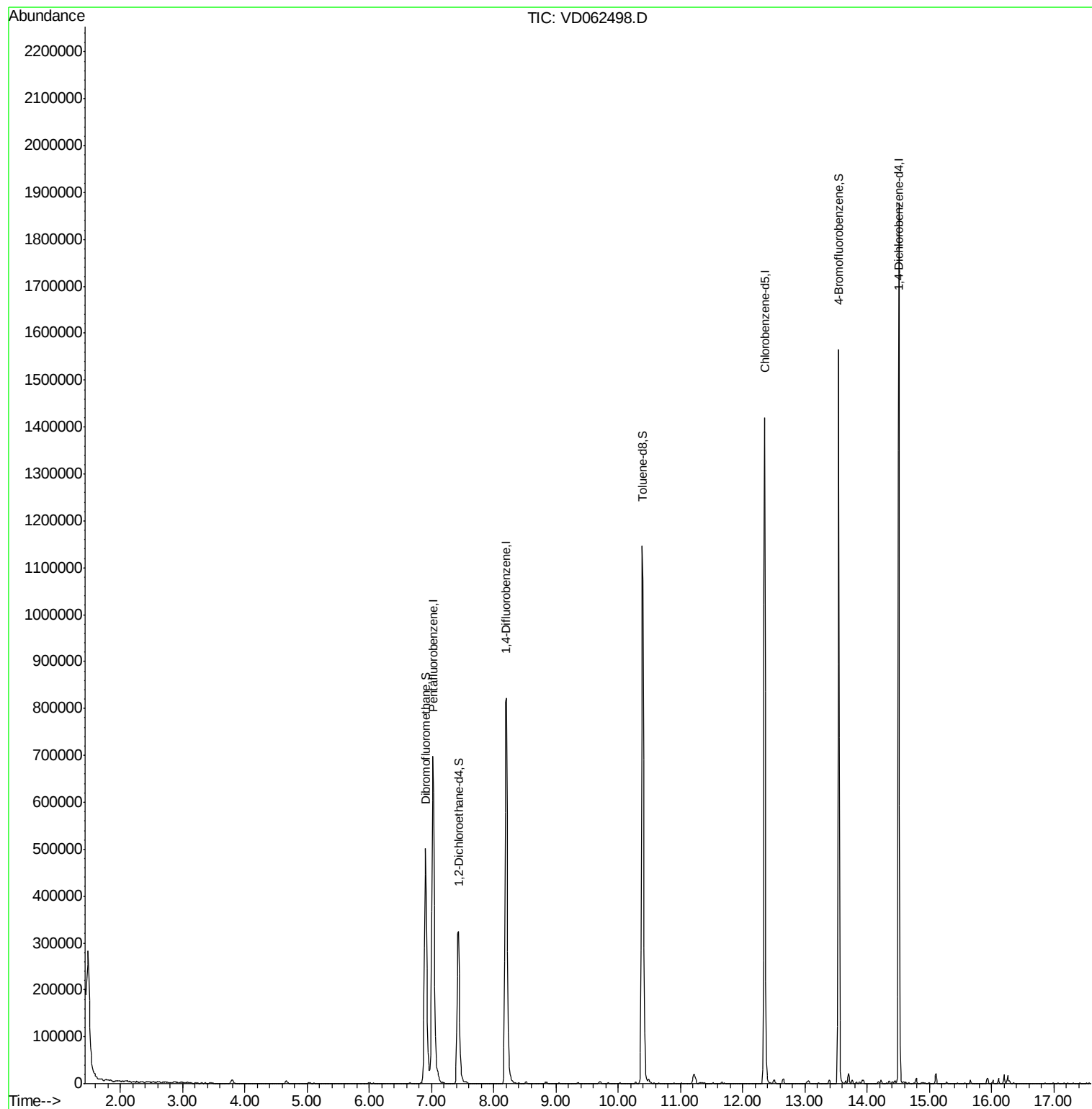
Target Compounds	Qvalue

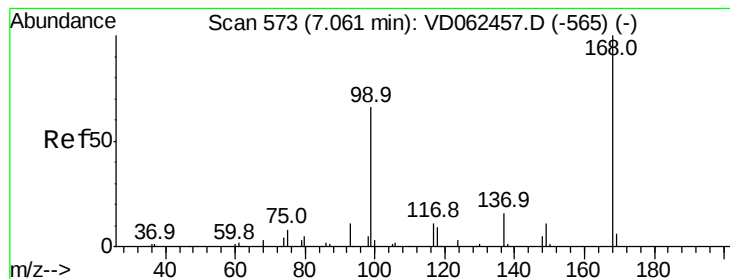
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD052219\
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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: 7.02 min Scan# 569

Delta R.T. -0.04 min

Lab File: VD062498.D

Acq: 22 May 2019 12:37

Instrument :

MSVOA_D

ClientSampleId :

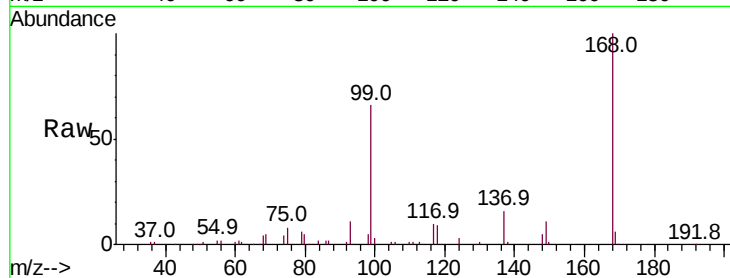
VD0522SBL01

Tot Ion:168 Resp: 669258

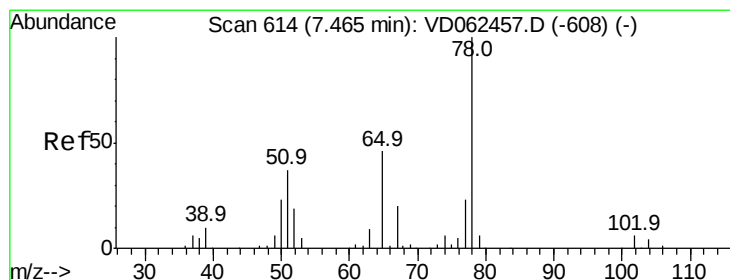
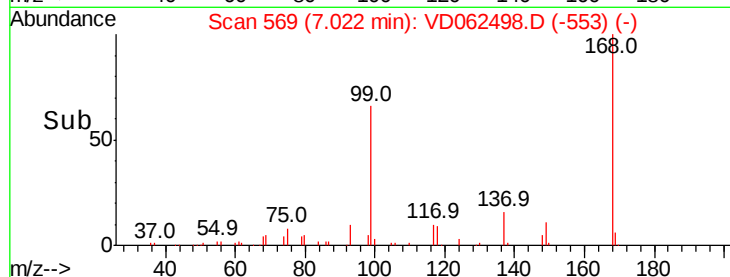
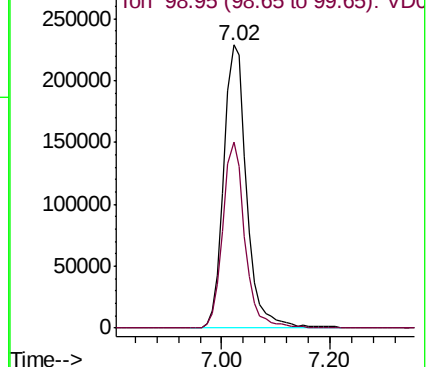
Ion Ratio Lower Upper

168 100

99 65.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V



#33

1,2-Dichloroethane-d4

Concen: 53.456 ug/l

RT: 7.43 min Scan# 611

Delta R.T. -0.03 min

Lab File: VD062498.D

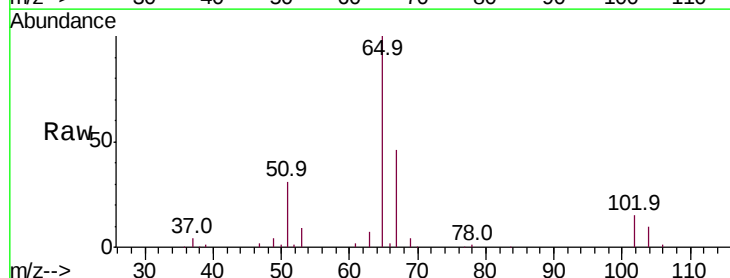
Acq: 22 May 2019 12:37

Tgt Ion: 65 Resp: 382955

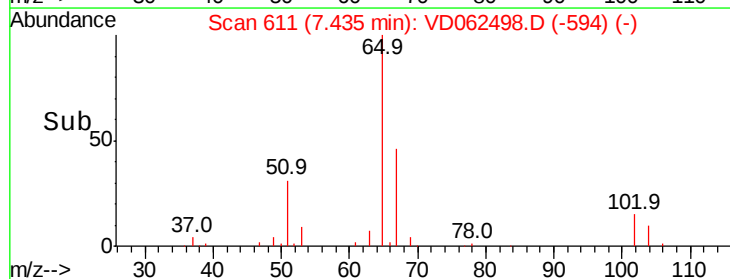
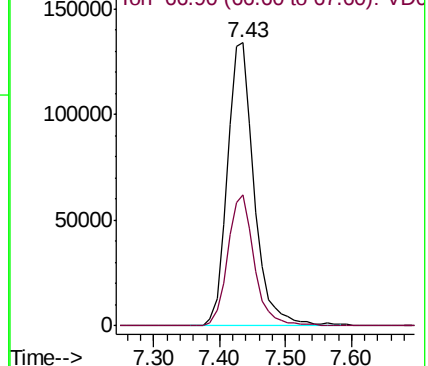
Ion Ratio Lower Upper

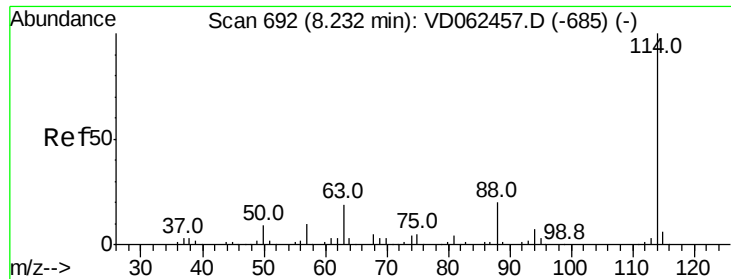
65 100

67 46.3 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

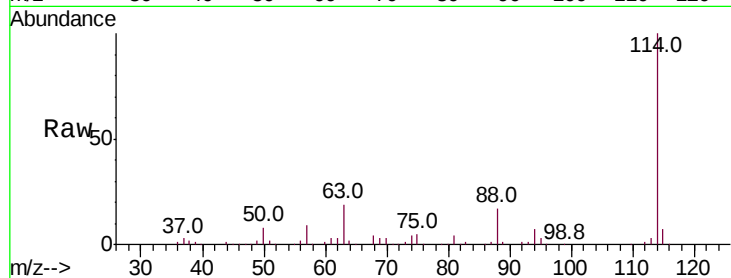




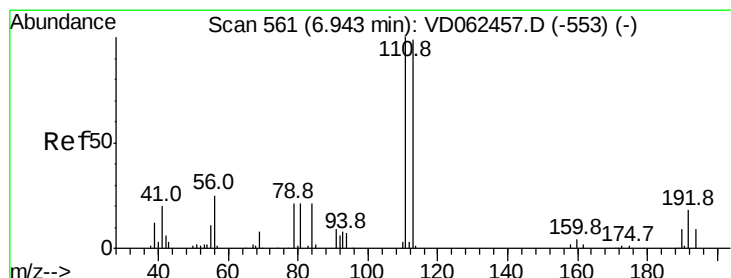
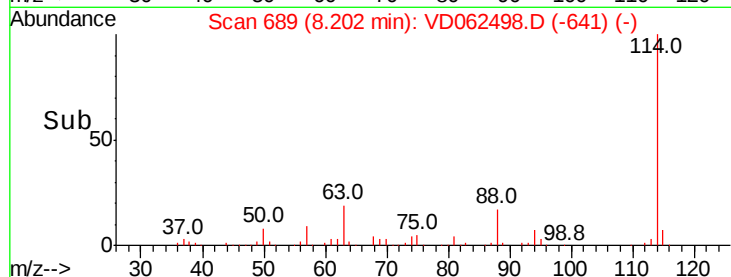
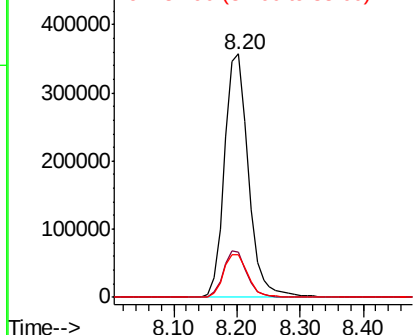
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. -0.03 min
 Lab File: VD062498.D
 Acq: 22 May 2019 12:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0522SBL01

Tot Ion:114 Resp: 940341
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 32.4
 88 17.4 0.0 33.6

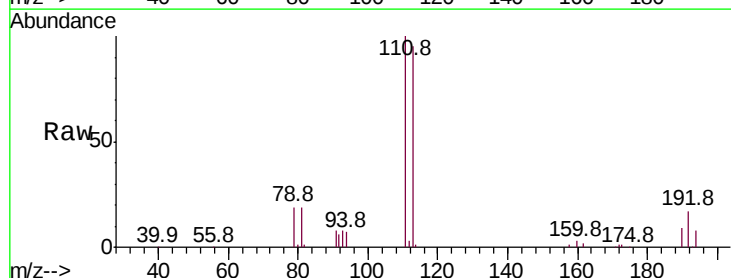


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

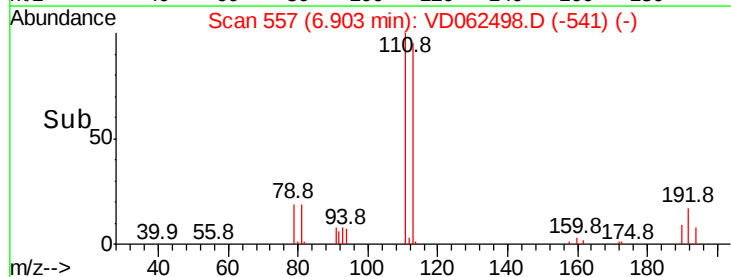
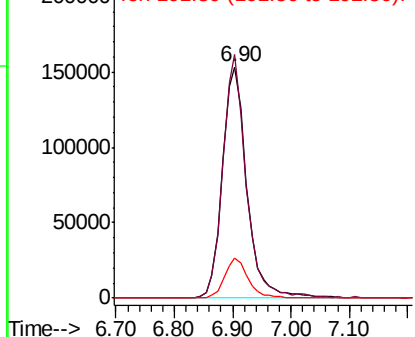


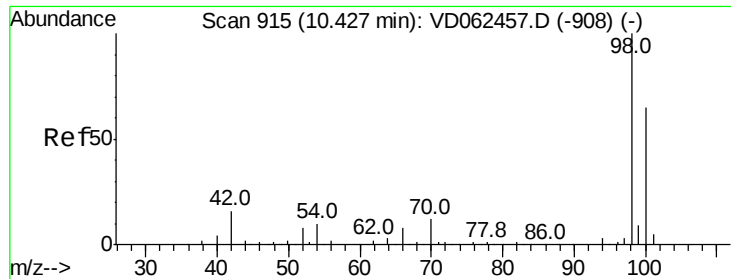
#35
 Dibromofluoromethane
 Concen: 52.582 ug/l
 RT: 6.90 min Scan# 557
 Delta R.T. -0.04 min
 Lab File: VD062498.D
 Acq: 22 May 2019 12:37

Tgt Ion:113 Resp: 446054
 Ion Ratio Lower Upper
 113 100
 111 105.3 78.5 117.7
 192 17.5 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: 53.329 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.04 min

Lab File: VD062498.D

Acq: 22 May 2019 12:37

Instrument :

MSVOA_D

ClientSampleId :

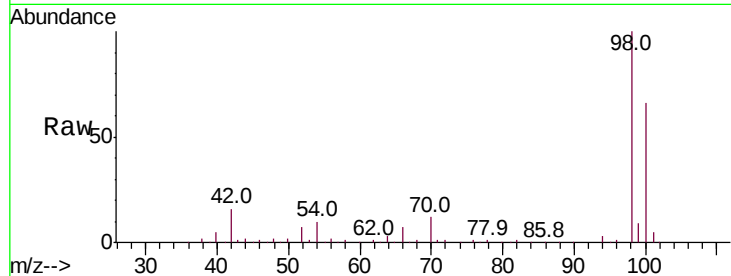
VD0522SBL01

Tot Ion: 98 Resp: 990010

Ion Ratio Lower Upper

98 100

100 66.1 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) (-)

10.39

400000

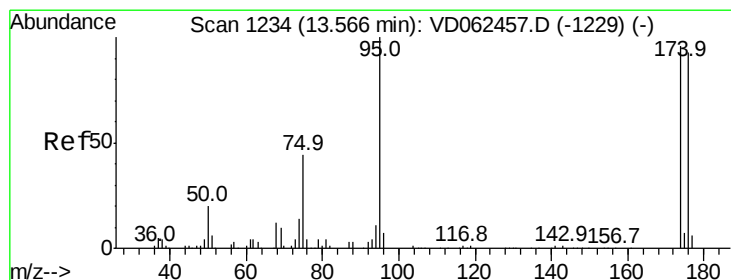
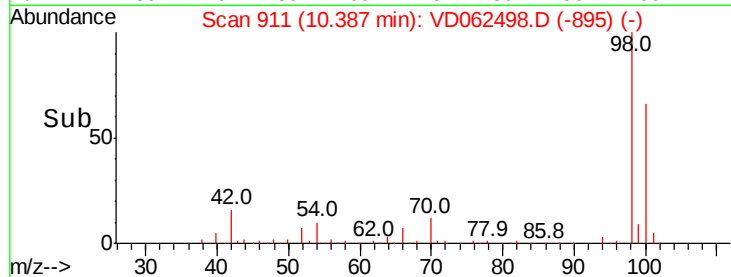
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.970 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.02 min

Lab File: VD062498.D

Acq: 22 May 2019 12:37

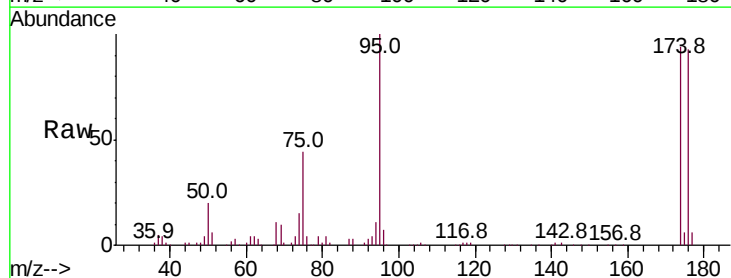
Tgt Ion: 95 Resp: 413910

Ion Ratio Lower Upper

95 100

174 93.6 0.0 181.8

176 92.6 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) (-)

400000

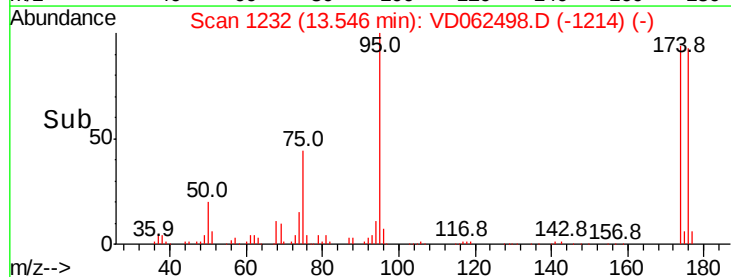
300000

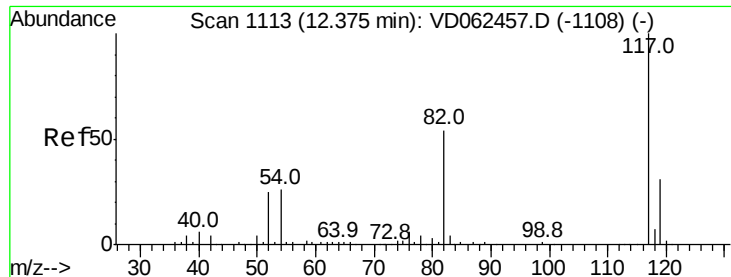
200000

100000

0

Time-->

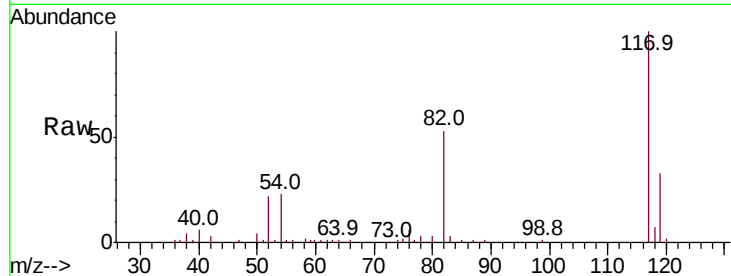




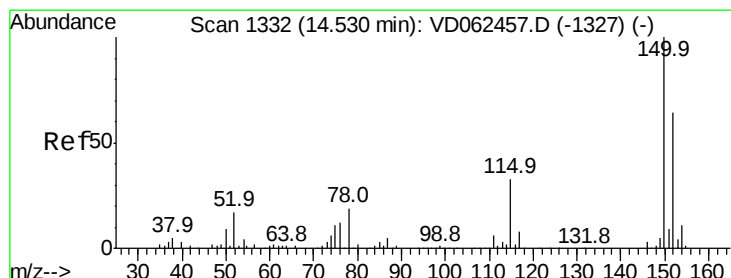
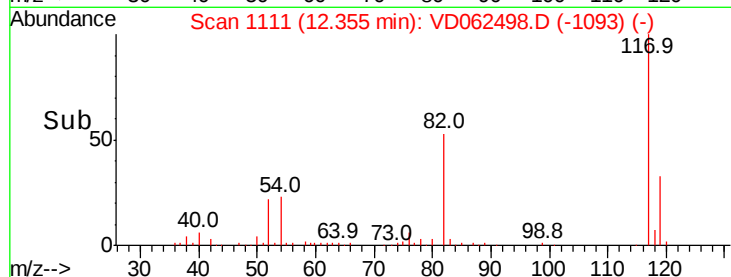
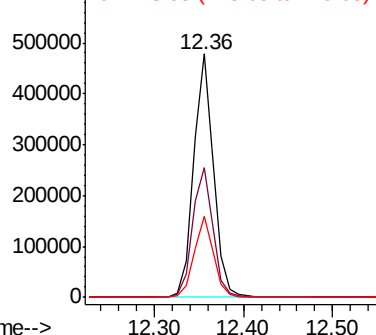
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD062498.D
Acq: 22 May 2019 12:37

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBL01

Tot Ion:117 Resp: 753984
Ion Ratio Lower Upper
117 100
82 53.3 36.2 54.2
119 33.1 26.2 39.4

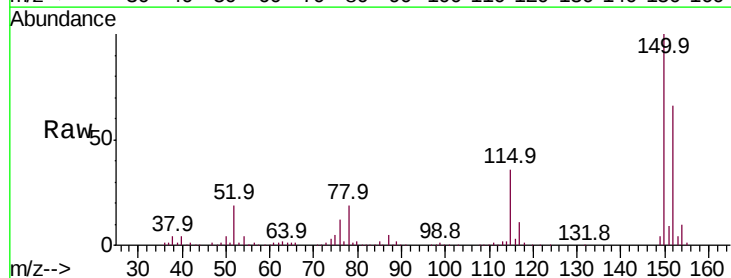


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD062498.D
Acq: 22 May 2019 12:37

Tgt Ion:152 Resp: 413631
Ion Ratio Lower Upper
152 100
115 54.4 30.9 92.7
150 151.6 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

