

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD051419\
 Data File : VD062370.D
 Acq On : 15 May 2019 3:32
 Operator : FY/SY
 Sample : K2735-13RE
 Misc : 4.47g/5mL/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS017-0002-01RE

Quant Time: May 15 06:35:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	18062	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.23	114	36984	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	31163	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	12209	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	20426	121.69	ug/l	0.04
Spiked Amount			Recovery	=	243.38%	
35) Dibromofluoromethane	6.94	113	15667	51.06	ug/l	0.05
Spiked Amount			Recovery	=	102.12%	
50) Toluene-d8	10.43	98	20063	27.12	ug/l	0.03
Spiked Amount			Recovery	=	54.24%	
62) 4-Bromofluorobenzene	13.57	95	11969	40.29	ug/l	0.02
Spiked Amount			Recovery	=	80.58%	

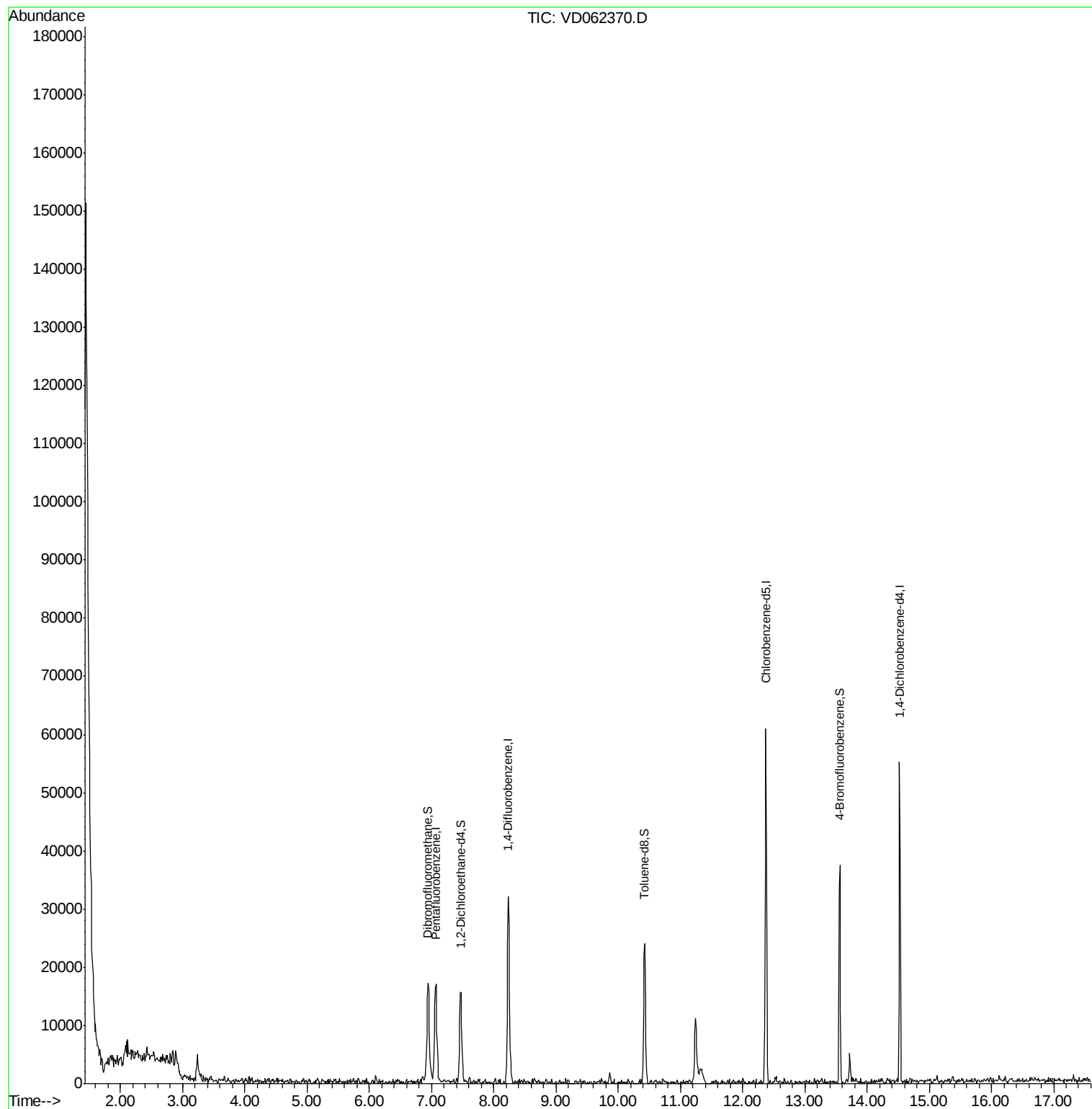
Target Compounds	Qvalue

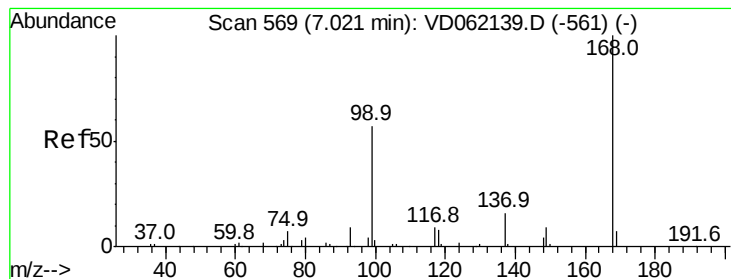
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.05 min

Lab File: VD062370.D

Acq: 15 May 2019 3:32

Instrument :

MSVOA_D

ClientSampleId :

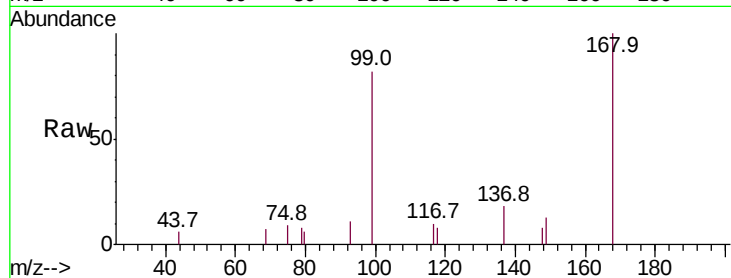
P026-SS017-0002-01RE

Tot Ion:168 Resp: 18062

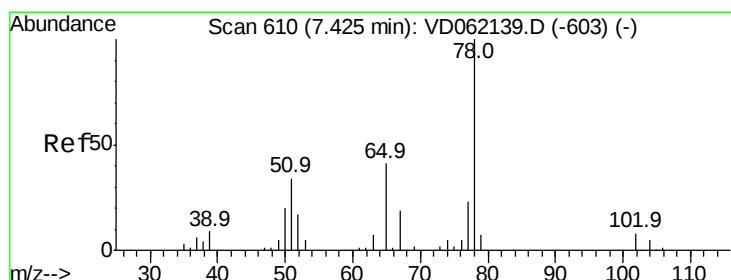
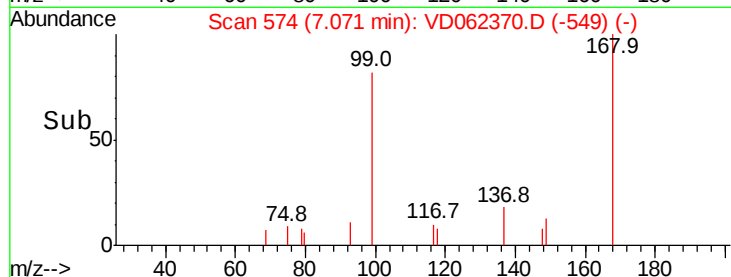
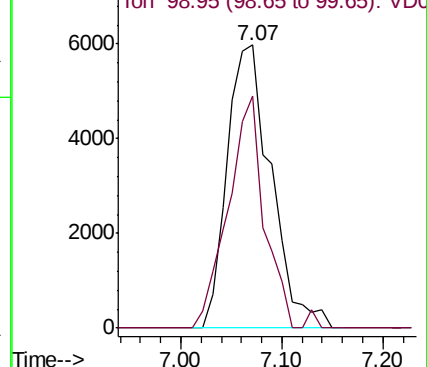
Ion Ratio Lower Upper

168 100

99 82.0 46.5 69.7#



Abundance Ion 167.90 (167.60 to 168.60): V



#33

1,2-Dichloroethane-d4

Concen: 121.690 ug/l

RT: 7.46 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062370.D

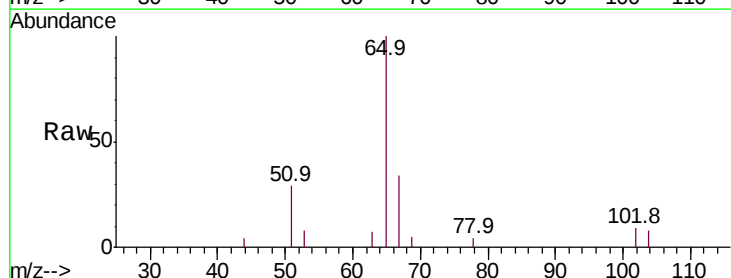
Acq: 15 May 2019 3:32

Tgt Ion: 65 Resp: 20426

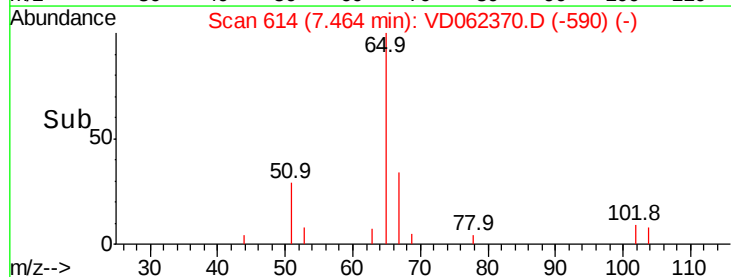
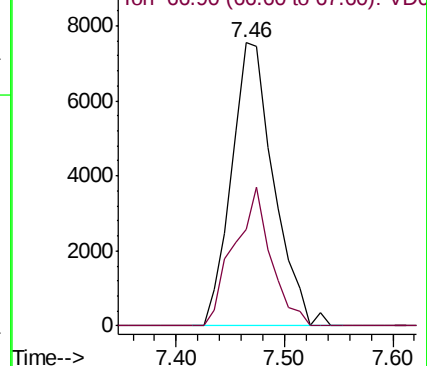
Ion Ratio Lower Upper

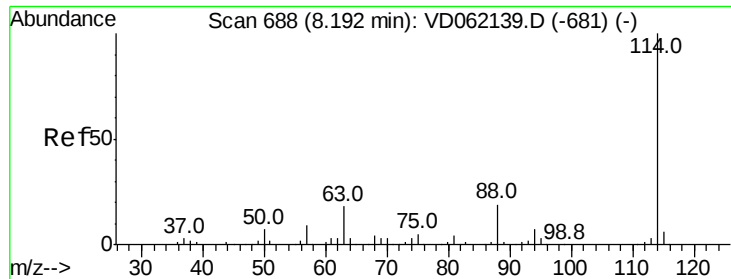
65 100

67 34.1 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

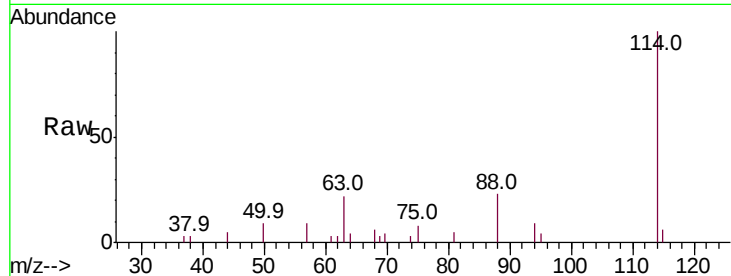




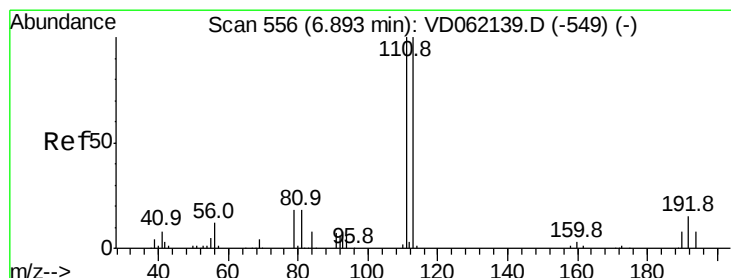
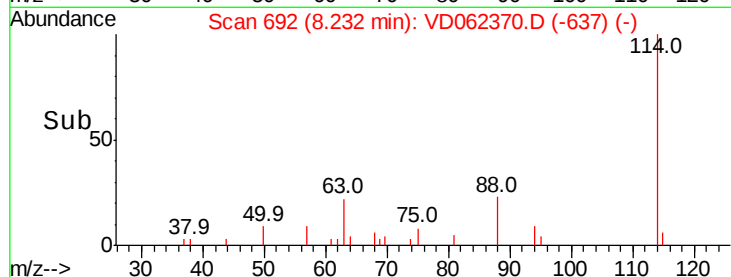
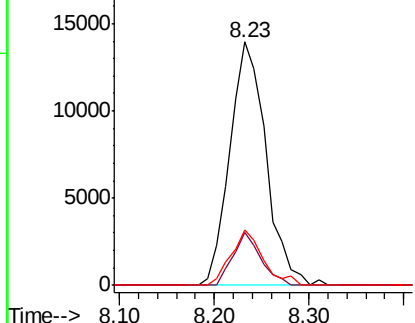
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062370.D
 Acq: 15 May 2019 3:32

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS017-0002-01RE

Tot Ion:114 Resp: 36984
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 32.4
 88 23.0 0.0 33.6

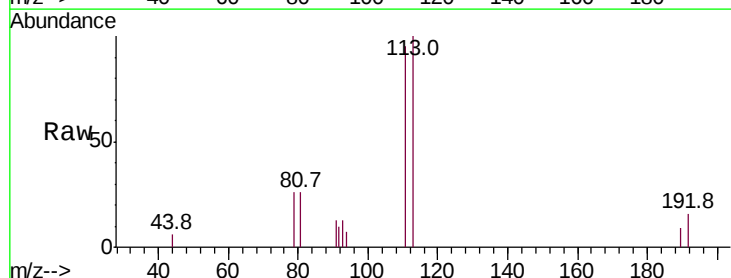


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

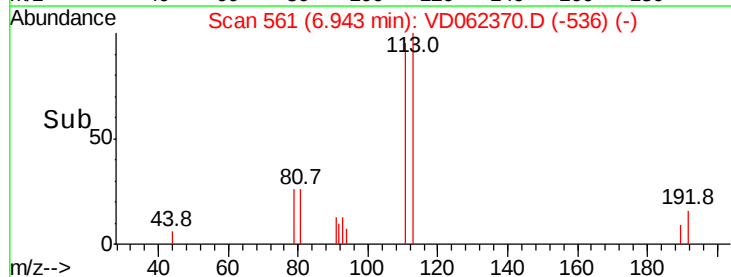
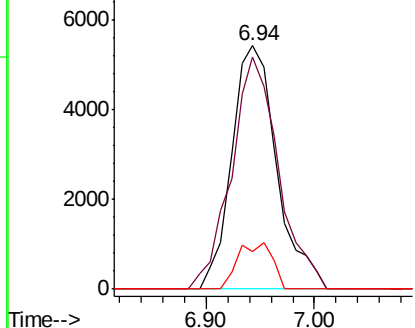


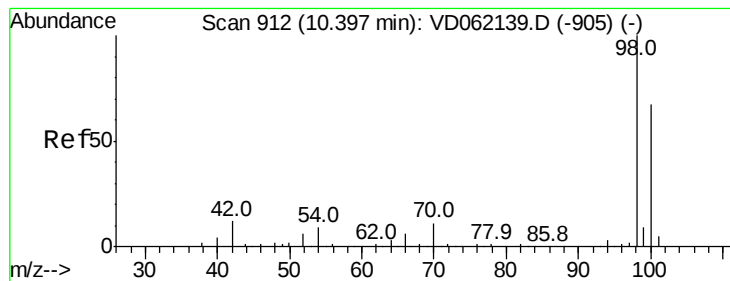
#35
 Dibromofluoromethane
 Concen: 51.056 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062370.D
 Acq: 15 May 2019 3:32

Tgt Ion:113 Resp: 15667
 Ion Ratio Lower Upper
 113 100
 111 95.2 78.5 117.7
 192 15.6 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





#50

Toluene-d8

Concen: 27.117 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062370.D

Acq: 15 May 2019 3:32

Instrument :

MSVOA_D

ClientSampleId :

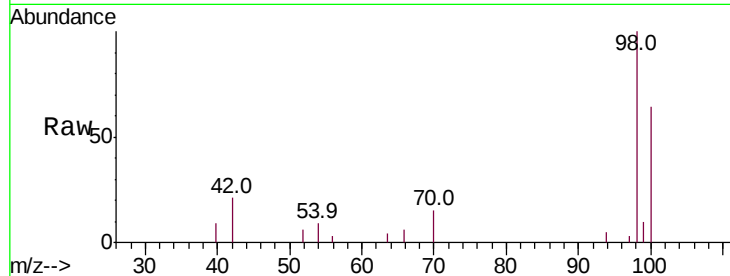
P026-SS017-0002-01RE

Tot Ion: 98 Resp: 20063

Ion Ratio Lower Upper

98 100

100 63.6 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.43

10000

8000

6000

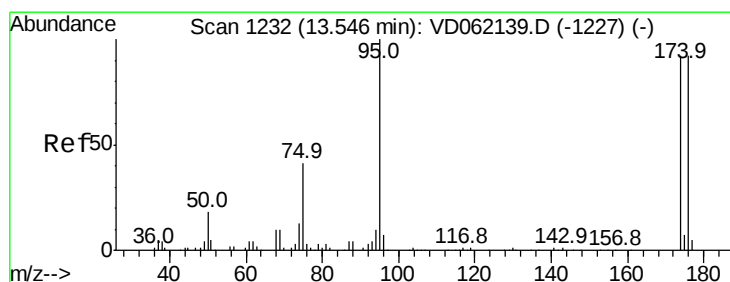
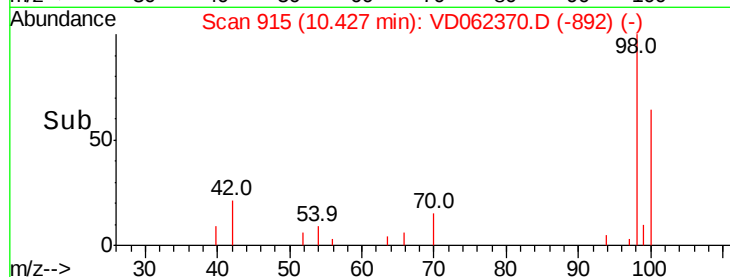
4000

2000

0

Time-->

10.35 10.40 10.45 10.50



#62

4-Bromofluorobenzene

Concen: 40.286 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD062370.D

Acq: 15 May 2019 3:32

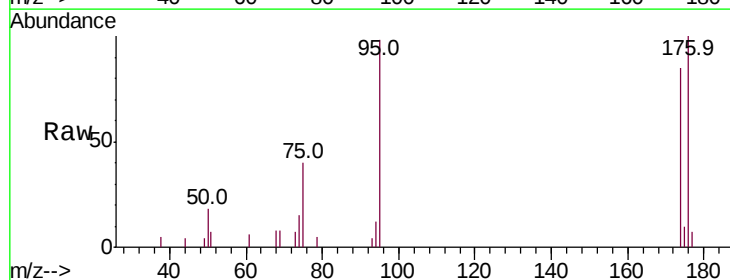
Tgt Ion: 95 Resp: 11969

Ion Ratio Lower Upper

95 100

174 86.1 0.0 181.8

176 101.7 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

13.57

10000

8000

6000

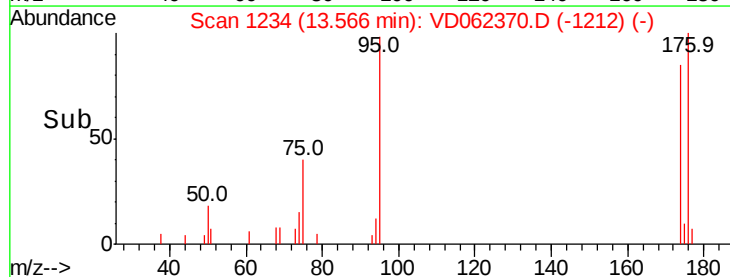
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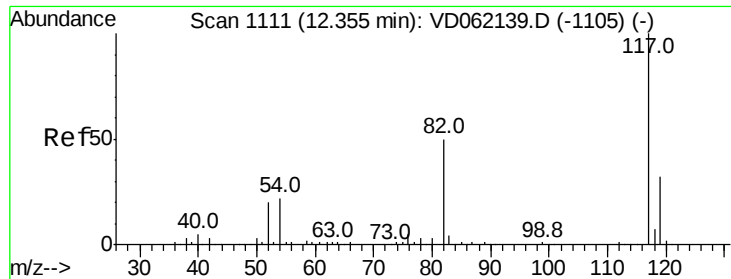
2000

0

Time-->

13.50 13.55 13.60

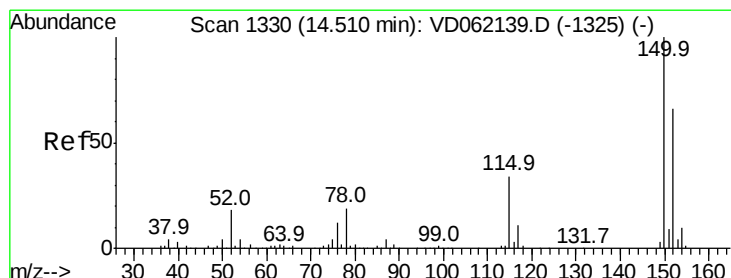
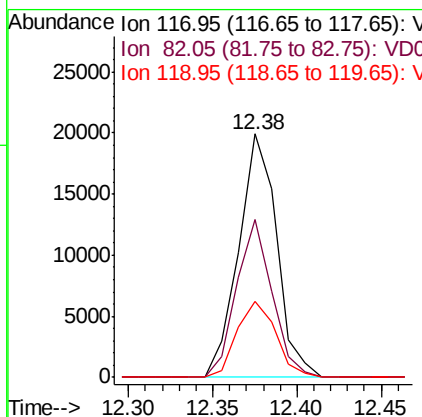
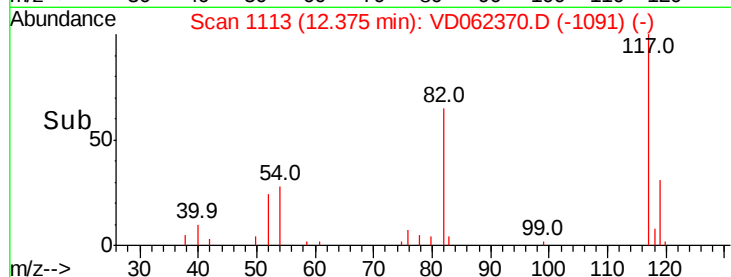
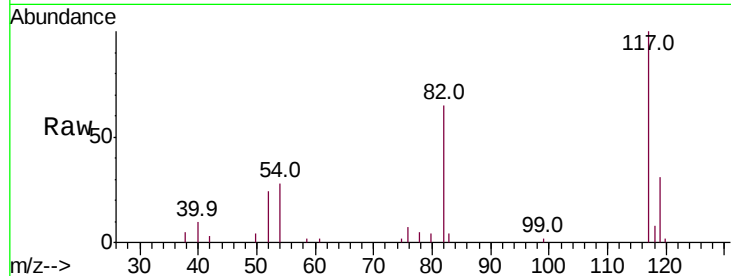




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.38 min Scan# 1113
 Delta R.T. 0.02 min
 Lab File: VD062370.D
 Acq: 15 May 2019 3:32

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS017-0002-01RE

Tot Ion:117 Resp: 31163
 Ion Ratio Lower Upper
 117 100
 82 64.6 36.2 54.2#
 119 31.2 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: VD062370.D
 Acq: 15 May 2019 3:32

Tgt Ion:152 Resp: 12209
 Ion Ratio Lower Upper
 152 100
 115 78.0 30.9 92.7
 150 171.8 0.0 314.8

