

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051719\
 Data File : VD062450.D
 Acq On : 17 May 2019 20:38
 Operator : FY/SY
 Sample : K2900-01
 Misc : 4.34g/5mL/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-2(0-10)

Quant Time: May 18 01:04:16 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

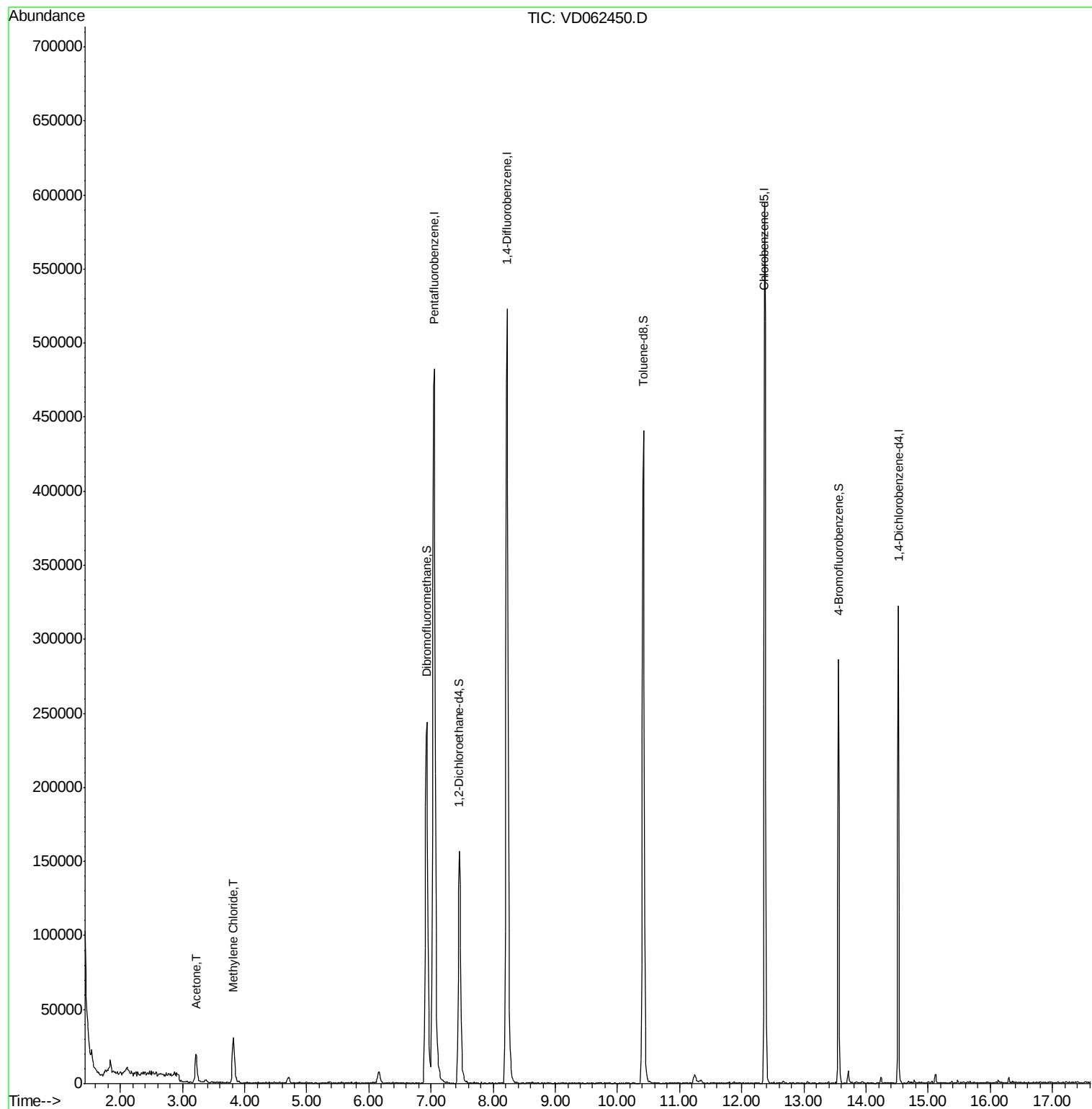
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	469210	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	578196	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	333051	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	65996	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	177299	40.66	ug/l	0.03
Spiked Amount 50.000			Recovery	=	81.32%	
35) Dibromofluoromethane	6.93	113	221751	46.22	ug/l	0.04
Spiked Amount 50.000			Recovery	=	92.44%	
50) Toluene-d8	10.42	98	353157	30.53	ug/l	0.02
Spiked Amount 50.000			Recovery	=	61.06%	
62) 4-Bromofluorobenzene	13.56	95	78189	16.83	ug/l	0.01
Spiked Amount 50.000			Recovery	=	33.66%	
Target Compounds						
16) Acetone	3.21	43	35934	39.297	ug/l #	78
20) Methylene Chloride	3.81	84	20545	5.381	ug/l #	81

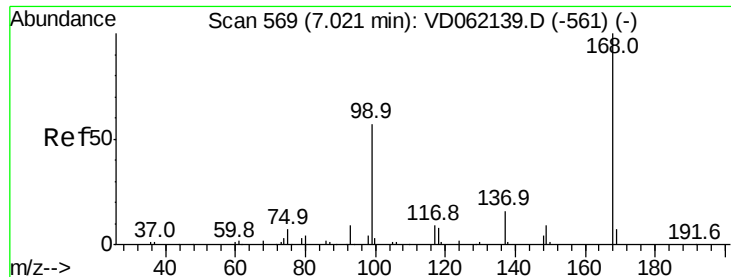
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 14:26:29 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062450.D

Acq: 17 May 2019 20:38

Instrument :

MSVOA_D

ClientSampleId :

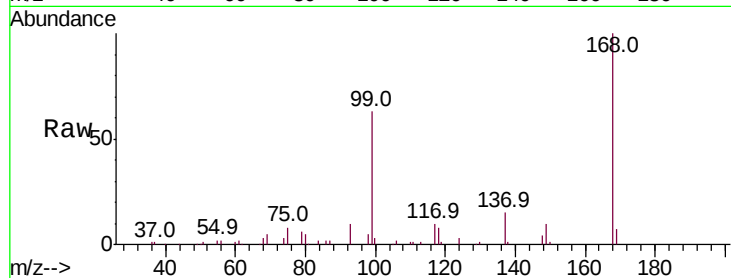
P-2(0-10)

Tot Ion:168 Resp: 469210

Ion Ratio Lower Upper

168 100

99 63.4 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

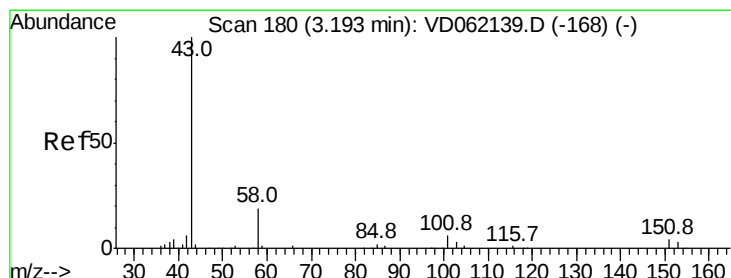
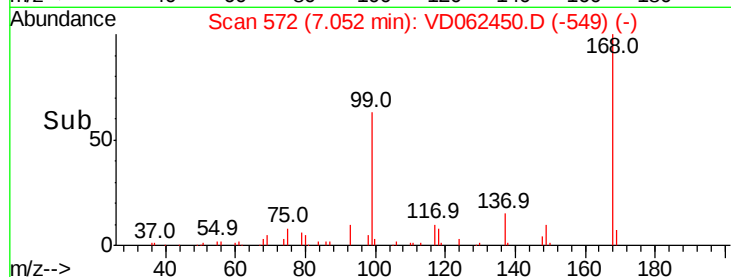
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 39.297 ug/l

RT: 3.21 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD062450.D

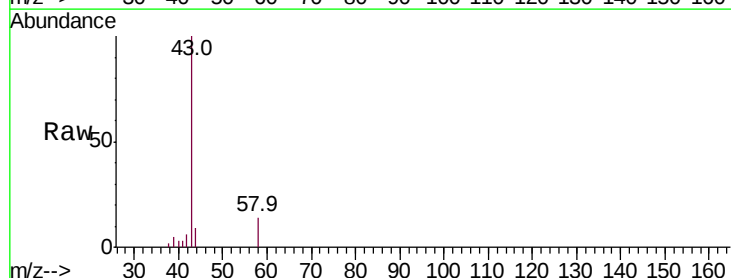
Acq: 17 May 2019 20:38

Tgt Ion: 43 Resp: 35934

Ion Ratio Lower Upper

43 100

58 13.9 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

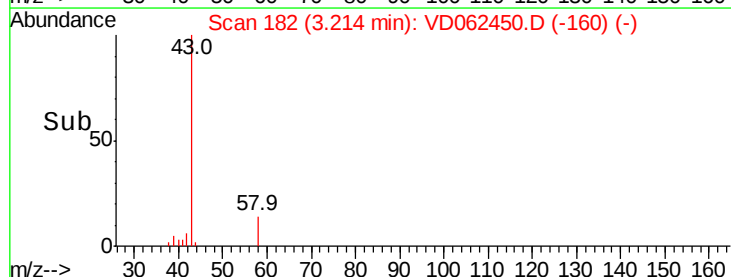
15000

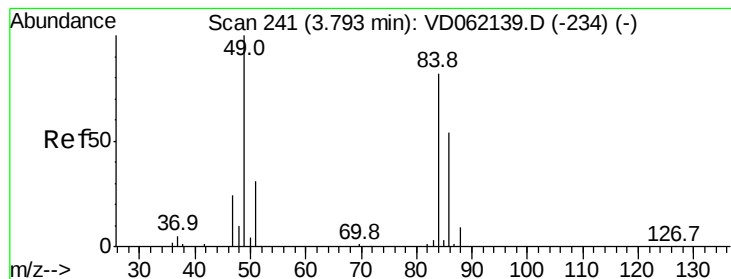
10000

5000

0

Time--> 3.10 3.20 3.30





#20

Methylene Chloride

Concen: 5.381 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD062450.D

Acq: 17 May 2019 20:38

Instrument :

MSVOA_D

ClientSampleId :

P-2(0-10)

Tot Ion: 84 Resp: 20545

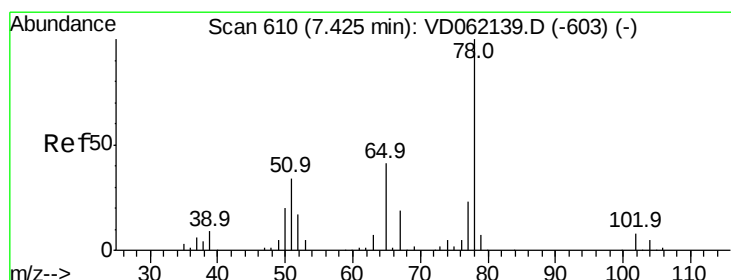
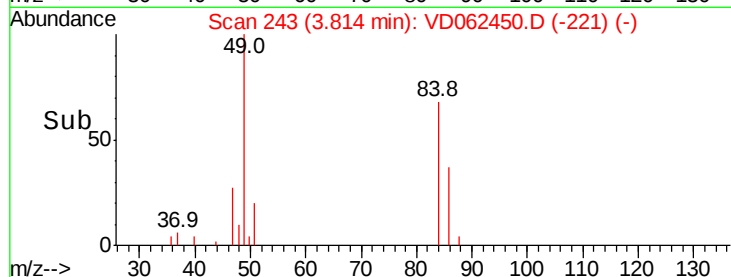
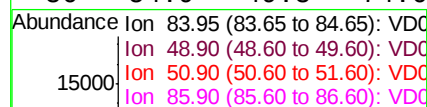
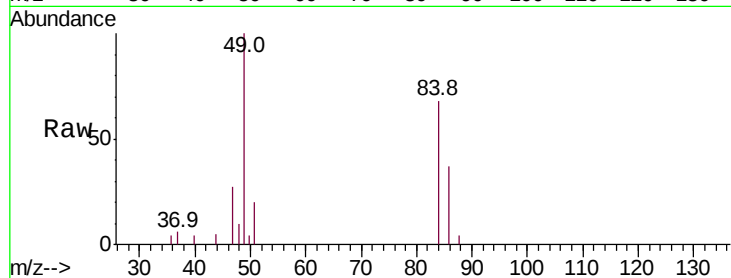
Ion Ratio Lower Upper

84 100

49 147.0 94.0 141.0#

51 29.4 29.0 43.4

86 54.9 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 40.661 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD062450.D

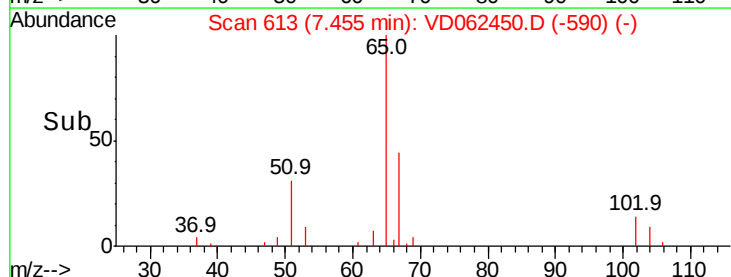
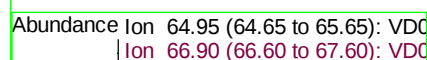
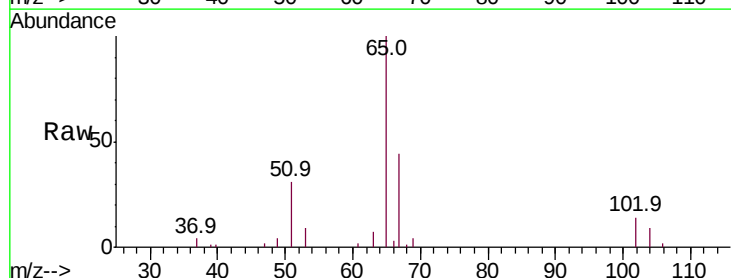
Acq: 17 May 2019 20:38

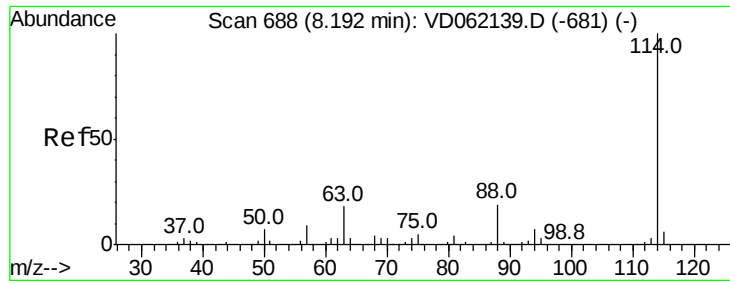
Tgt Ion: 65 Resp: 177299

Ion Ratio Lower Upper

65 100

67 44.0 0.0 98.0

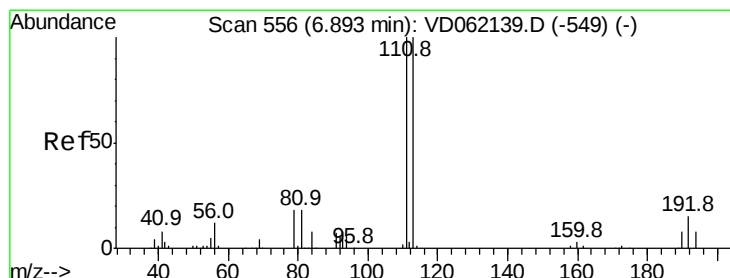
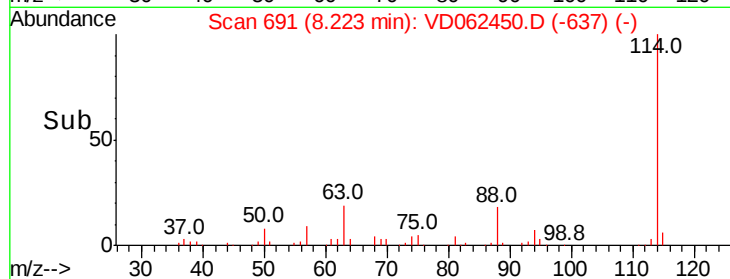
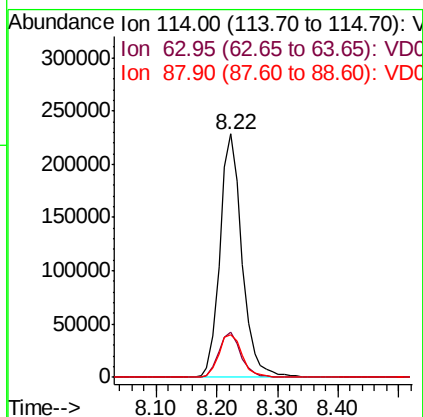
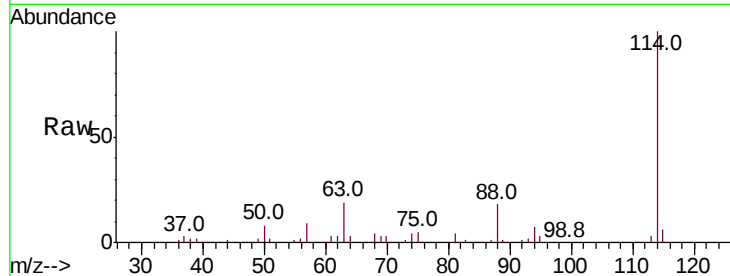




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD062450.D
 Acq: 17 May 2019 20:38

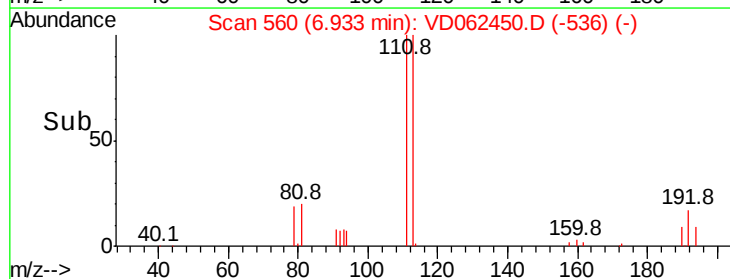
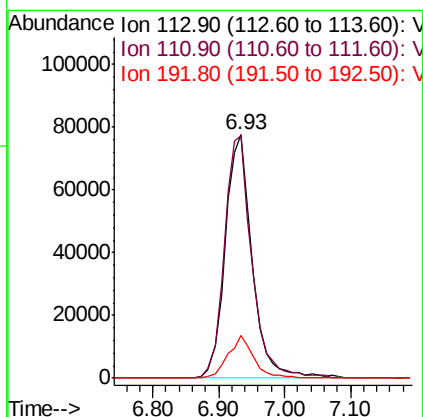
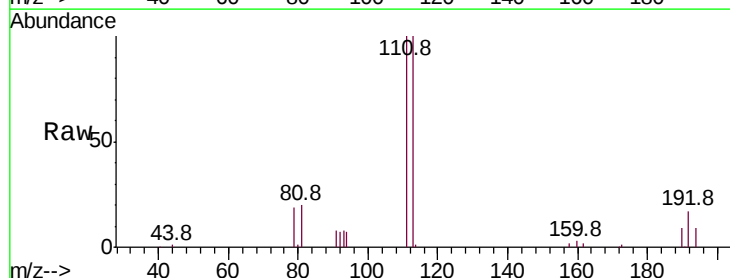
Instrument :
 MSVOA_D
 ClientSampleId :
 P-2(0-10)

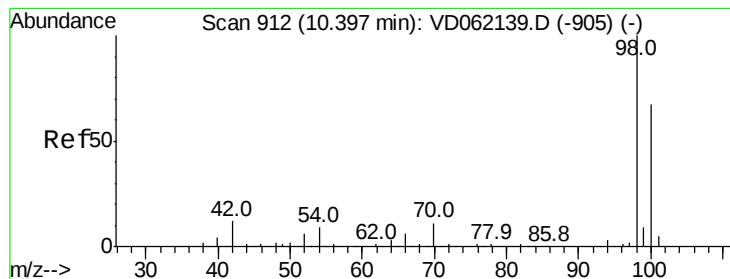
Tot Ion:114 Resp: 578196
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 32.4
 88 17.6 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 46.224 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.04 min
 Lab File: VD062450.D
 Acq: 17 May 2019 20:38

Tgt Ion:113 Resp: 221751
 Ion Ratio Lower Upper
 113 100
 111 99.8 78.5 117.7
 192 17.3 13.0 19.4





#50

Toluene-d8

Concen: 30.532 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062450.D

Acq: 17 May 2019 20:38

Instrument :

MSVOA_D

ClientSampleId :

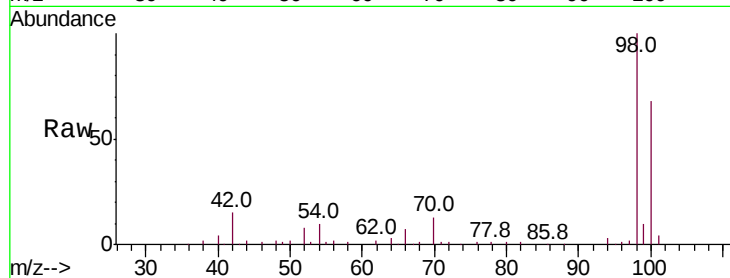
P-2(0-10)

Tot Ion: 98 Resp: 353157

Ion Ratio Lower Upper

98 100

100 68.1 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

10.42

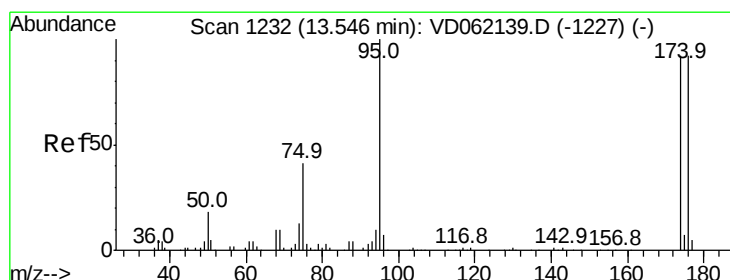
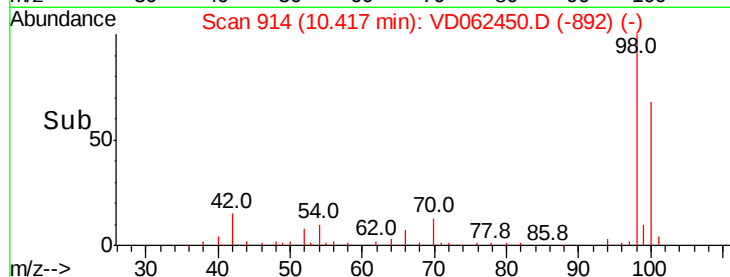
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 16.834 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062450.D

Acq: 17 May 2019 20:38

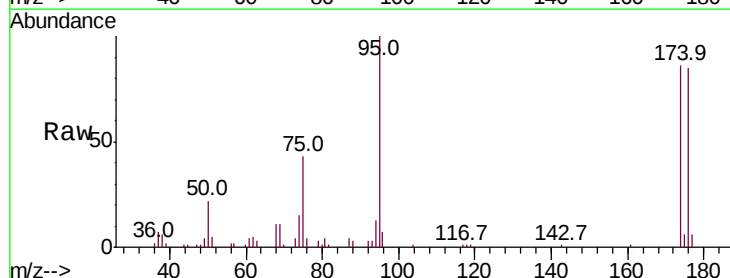
Tgt Ion: 95 Resp: 78189

Ion Ratio Lower Upper

95 100

174 86.4 0.0 181.8

176 85.5 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD062139.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062139.D (-1227) (-)

80000

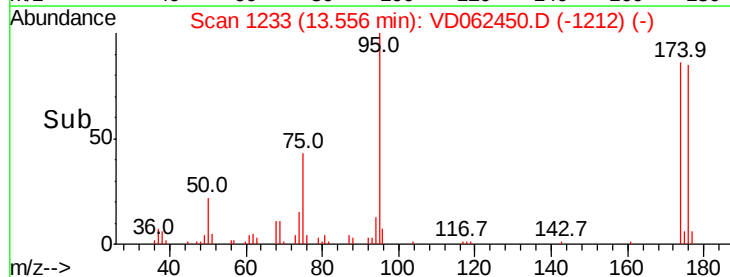
60000

40000

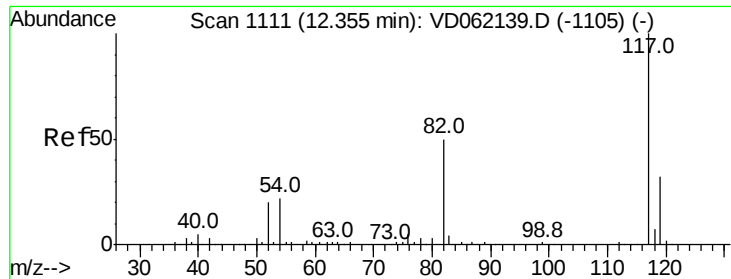
20000

0

Time-->



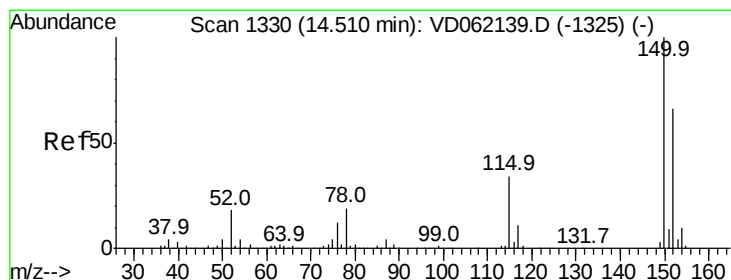
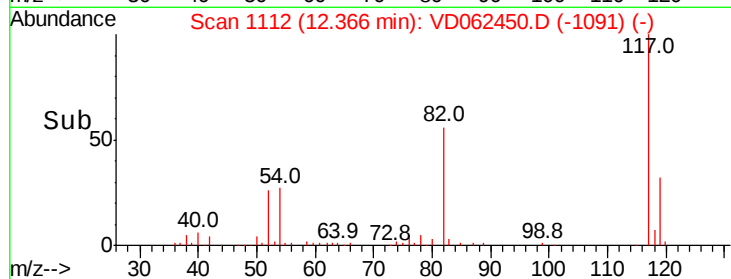
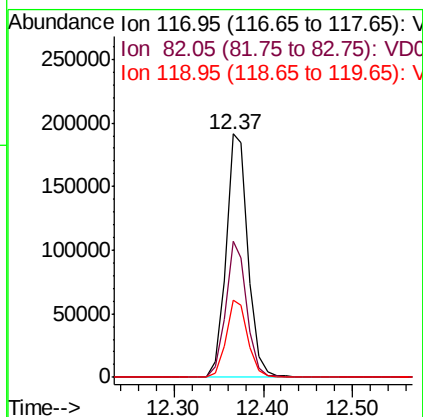
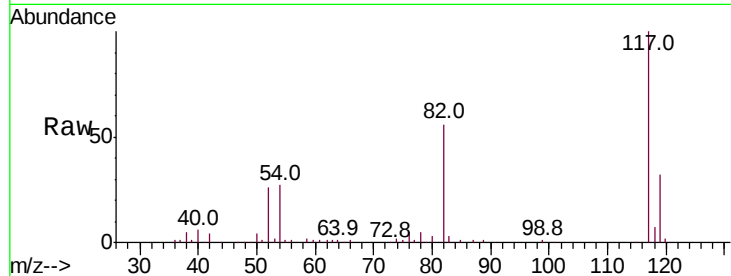
13.56



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062450.D
Acq: 17 May 2019 20:38

Instrument :
MSVOA_D
ClientSampled :
P-2(0-10)

Tot Ion:117 Resp: 333051
Ion Ratio Lower Upper
117 100
82 55.8 36.2 54.2#
119 31.5 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: VD062450.D
Acq: 17 May 2019 20:38

Tgt Ion:152 Resp: 65996
Ion Ratio Lower Upper
152 100
115 57.5 30.9 92.7
150 155.5 0.0 314.8

