

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041919\
 Data File : VD061910.D
 Acq On : 19 Apr 2019 15:14
 Operator : VA/AP
 Sample : K2422-11
 Misc : 6.68g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-S

Quant Time: Apr 19 16:20:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

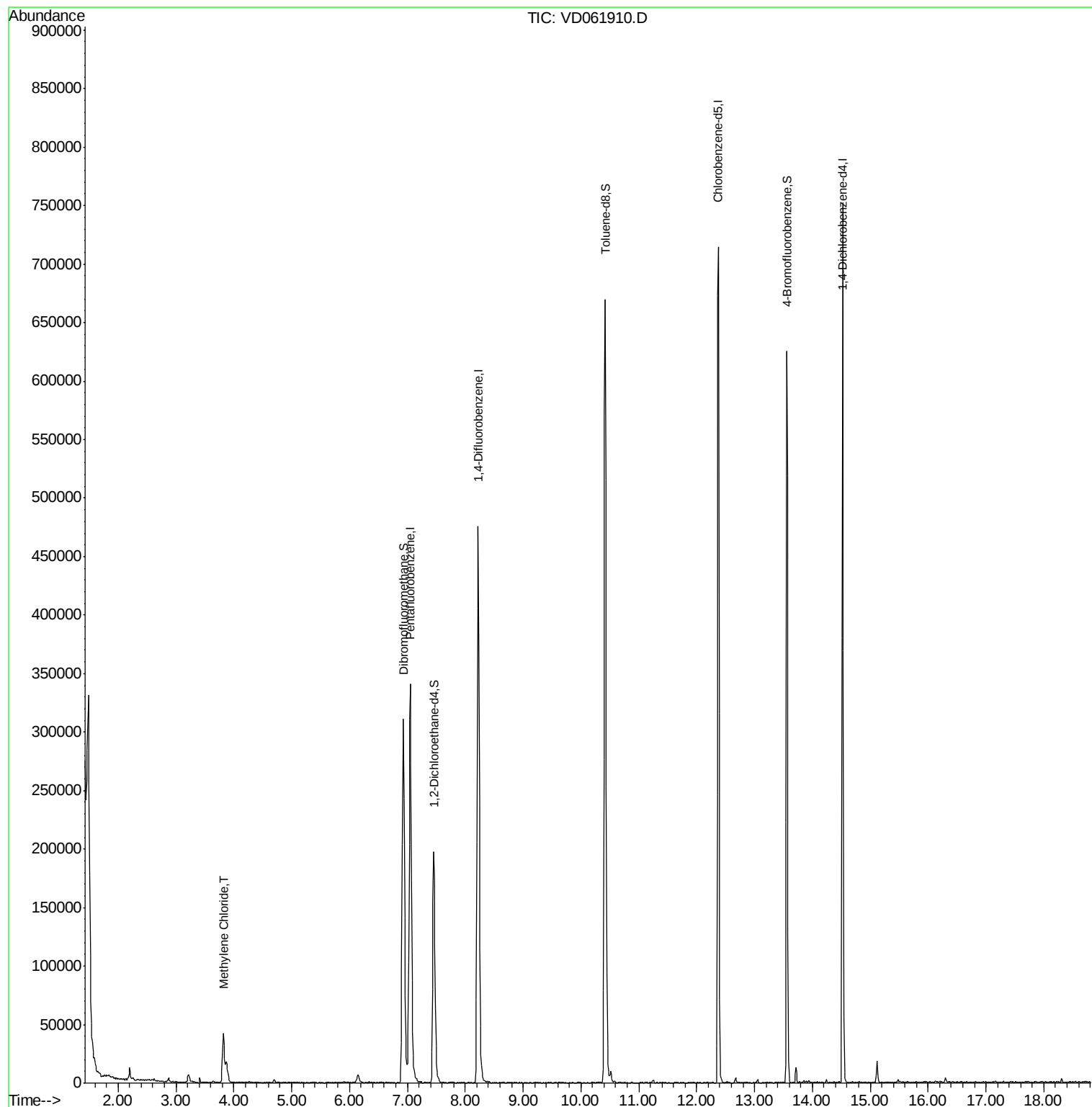
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	350816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	570249	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	459089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	171025	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	203031	69.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.10%	
35) Dibromofluoromethane	6.93	113	293542	68.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.26%	
50) Toluene-d8	10.42	98	584741	57.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.56%	
62) 4-Bromofluorobenzene	13.56	95	199129	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
Target Compounds						
20) Methylene Chloride	3.82	84	31307	4.519	ug/l	Qvalue 96

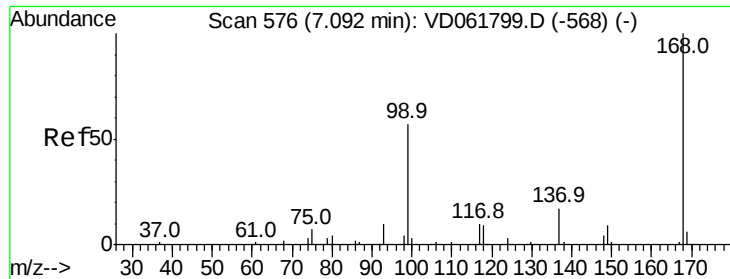
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041919\
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Quant Title : SW846 8260
QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.00 min

Lab File: VD061910.D

Acq: 19 Apr 2019 15:14

Instrument :

MSVOA_D

ClientSampleId :

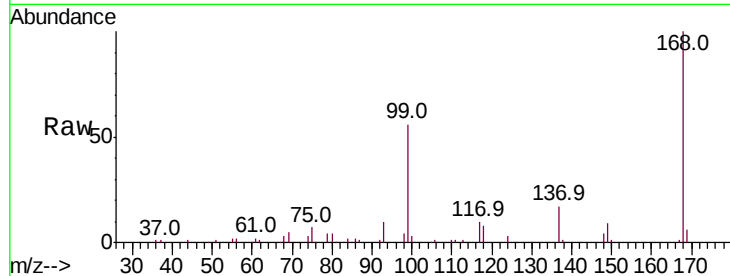
TP3-S

Tot Ion:168 Resp: 350816

Ion Ratio Lower Upper

168 100

99 56.4 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

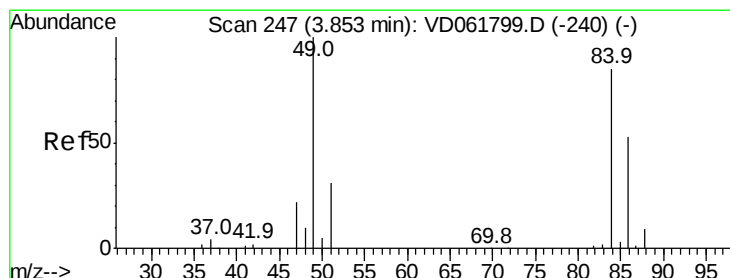
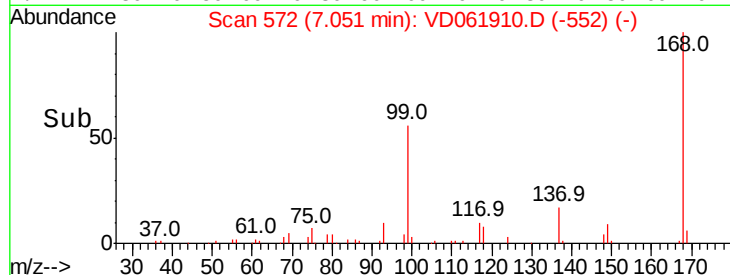
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#20

Methylene Chloride

Concen: 4.519 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.01 min

Lab File: VD061910.D

Acq: 19 Apr 2019 15:14

Tgt Ion: 84 Resp: 31307

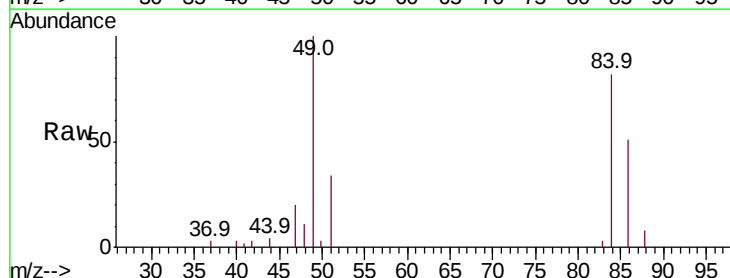
Ion Ratio Lower Upper

84 100

49 121.9 94.0 141.0

51 41.4 29.0 43.4

86 62.3 49.8 74.6



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

20000

15000

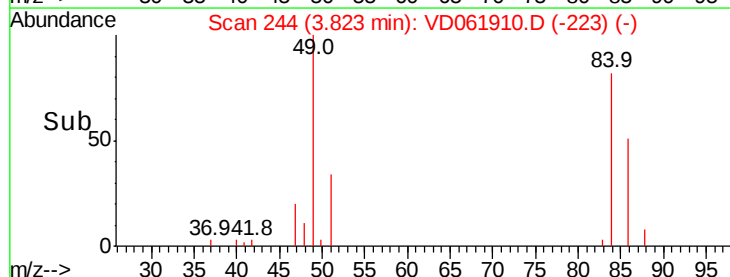
10000

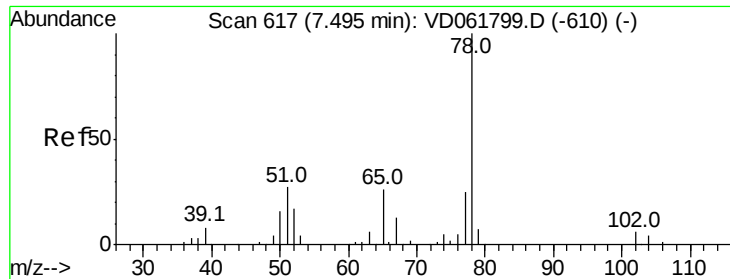
5000

0

Time-->

3.70 3.80 3.90





#33

1,2-Dichloroethane-d4

Concen: 69.054 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD061910.D

Acq: 19 Apr 2019 15:14

Instrument :

MSVOA_D

ClientSampleId :

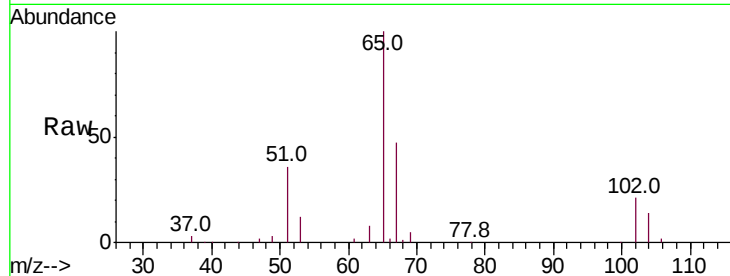
TP3-S

Tot Ion: 65 Resp: 203031

Ion Ratio Lower Upper

65 100

67 47.3 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

80000

60000

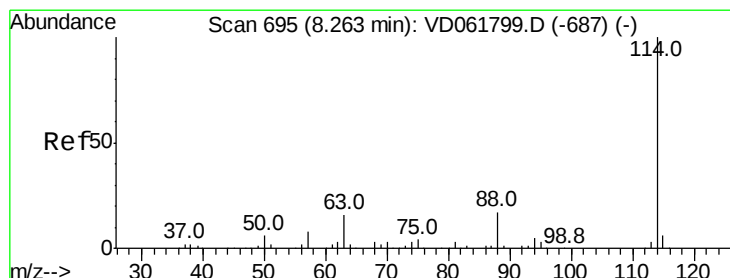
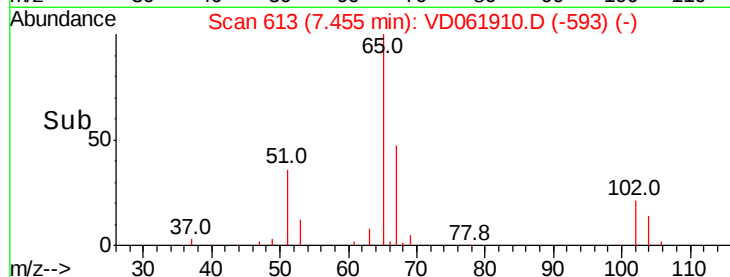
40000

20000

0

7.30 7.40 7.50 7.60

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. -0.00 min

Lab File: VD061910.D

Acq: 19 Apr 2019 15:14

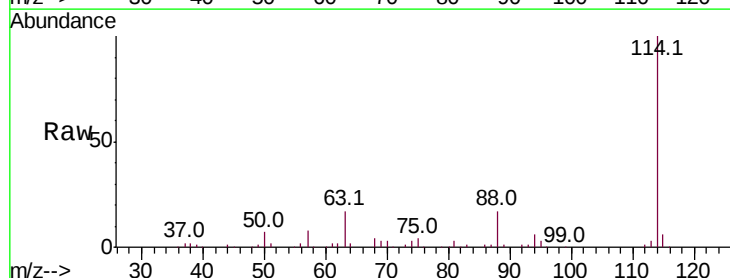
Tgt Ion: 114 Resp: 570249

Ion Ratio Lower Upper

114 100

63 16.6 0.0 32.4

88 16.8 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

300000

250000

200000

150000

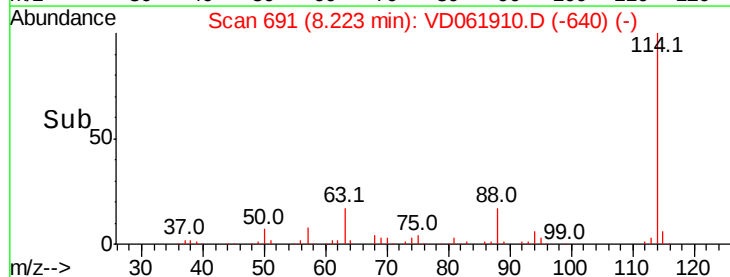
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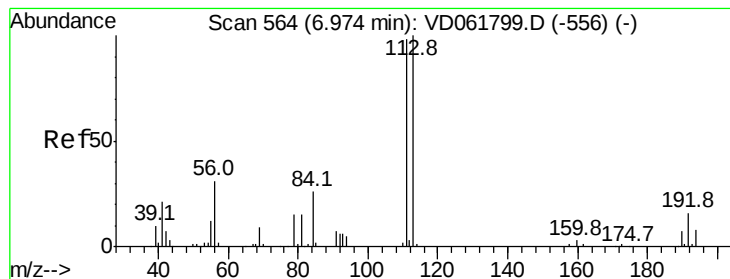
50000

0

8.20 8.40

Time-->





#35

Dibromofluoromethane

Concen: 68.135 ug/l

RT: 6.93 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD061910.D

Acq: 19 Apr 2019 15:14

Instrument :

MSVOA_D

ClientSampleId :

TP3-S

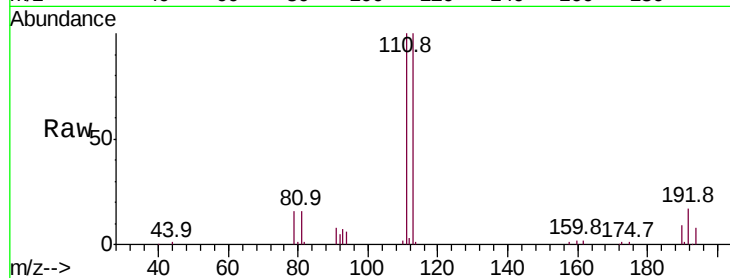
Tot Ion:113 Resp: 293542

Ion Ratio Lower Upper

113 100

111 100.3 78.5 117.7

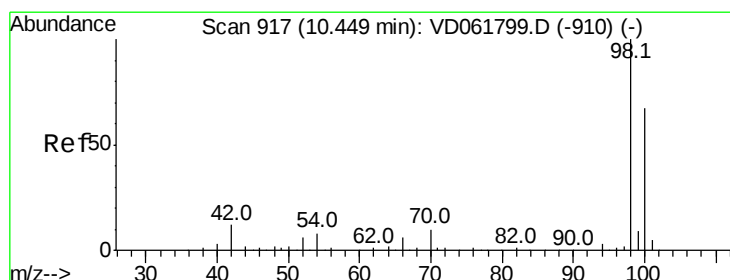
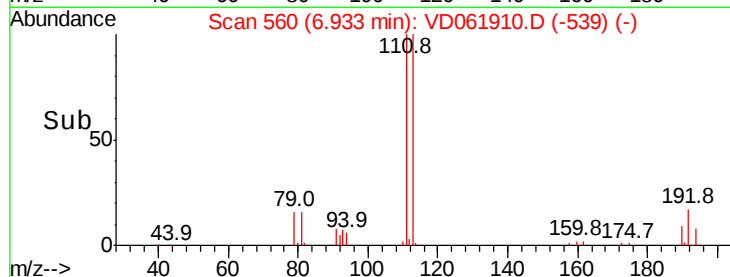
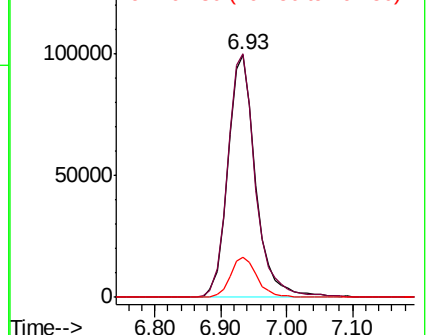
192 16.6 13.0 19.4



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: 57.282 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD061910.D

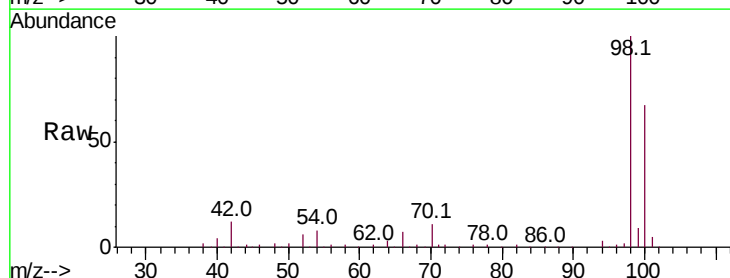
Acq: 19 Apr 2019 15:14

Tgt Ion: 98 Resp: 584741

Ion Ratio Lower Upper

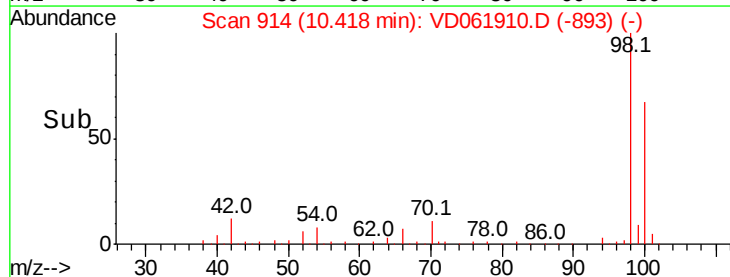
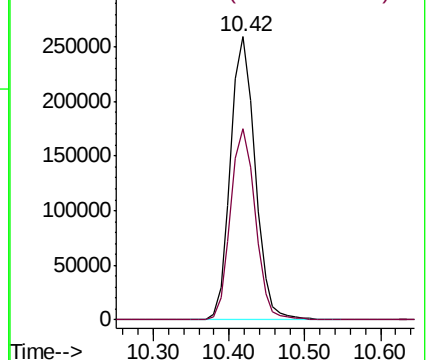
98 100

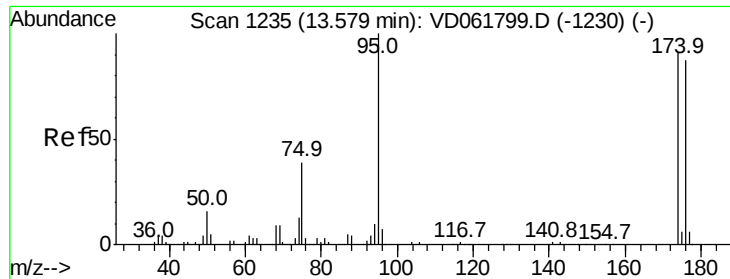
100 67.4 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

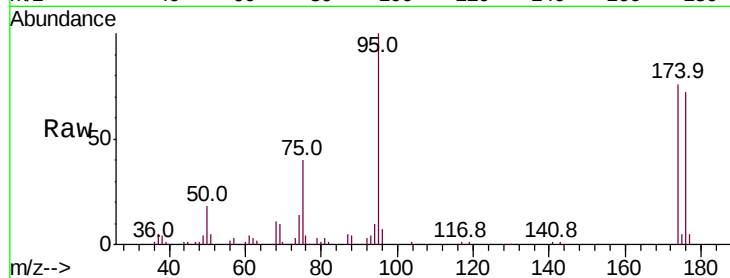




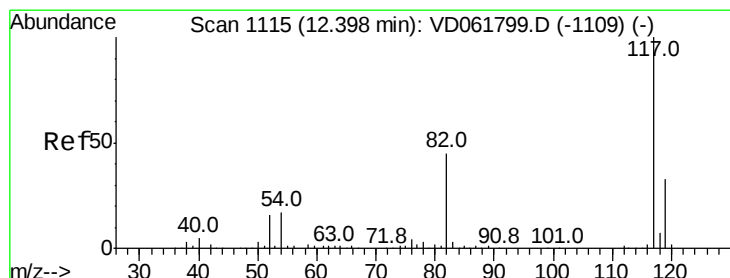
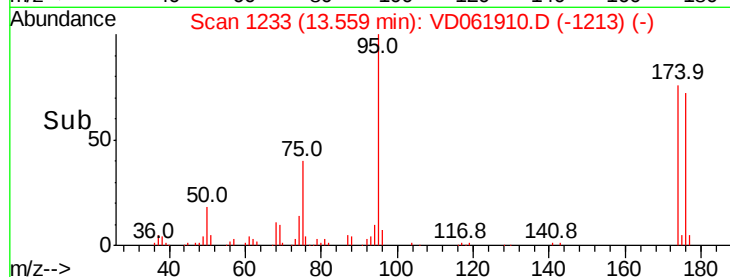
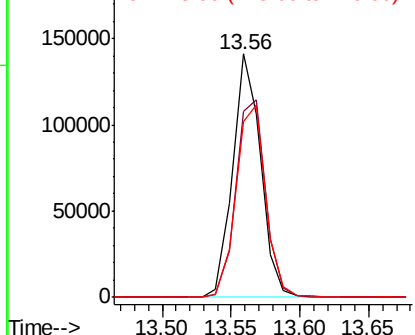
#62
4-Bromofluorobenzene
Concen: 48.128 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VD061910.D
Acq: 19 Apr 2019 15:14

Instrument :
MSVOA_D
ClientSampleId :
TP3-S

Tot Ion: 95 Resp: 199129
Ion Ratio Lower Upper
95 100
174 76.5 0.0 181.8
176 72.3 0.0 174.4

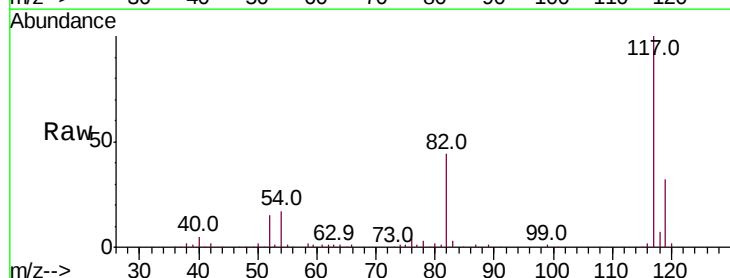


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

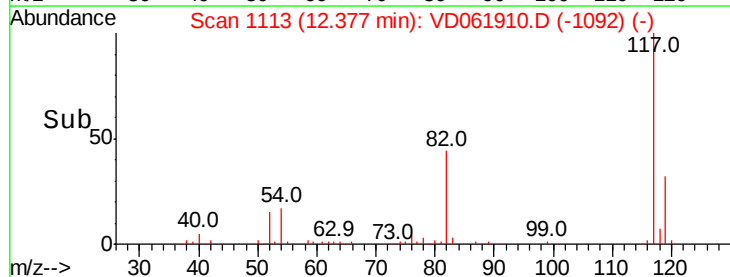
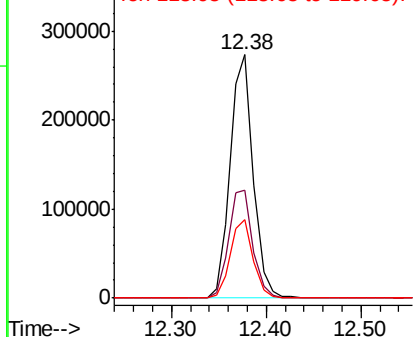


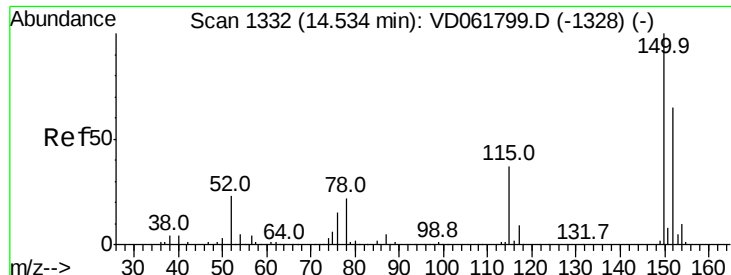
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD061910.D
Acq: 19 Apr 2019 15:14

Tgt Ion: 117 Resp: 459089
Ion Ratio Lower Upper
117 100
82 44.4 36.2 54.2
119 32.3 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

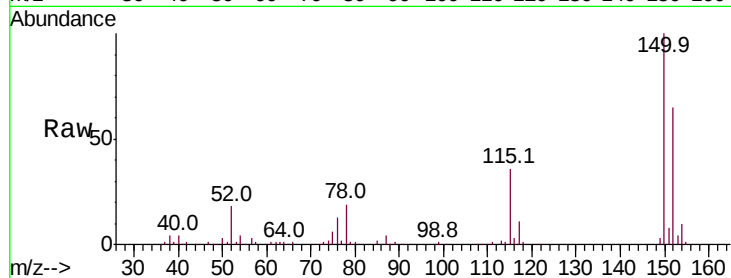




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: VD061910.D
 Acq: 19 Apr 2019 15:14

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-S

Tot Ion:152 Resp: 171025
 Ion Ratio Lower Upper
 152 100
 115 55.6 30.9 92.7
 150 153.0 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

