

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032319\
 Data File : VD061276.D
 Acq On : 23 Mar 2019 13:01
 Operator : VA/AP
 Sample : VD0323SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0323SBL01

Quant Time: Mar 25 07:04:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	687427	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	1085603	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	917628	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	404987	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.48	65	295625	51.66	ug/l	0.03
Spiked Amount			Recovery	=	103.32%	
35) Dibromofluoromethane	6.94	113	476702	59.17	ug/l	0.02
Spiked Amount			Recovery	=	118.34%	
50) Toluene-d8	10.43	98	1052991	52.05	ug/l	0.03
Spiked Amount			Recovery	=	104.10%	
62) 4-Bromofluorobenzene	13.56	95	422959	53.88	ug/l	0.00
Spiked Amount			Recovery	=	107.76%	

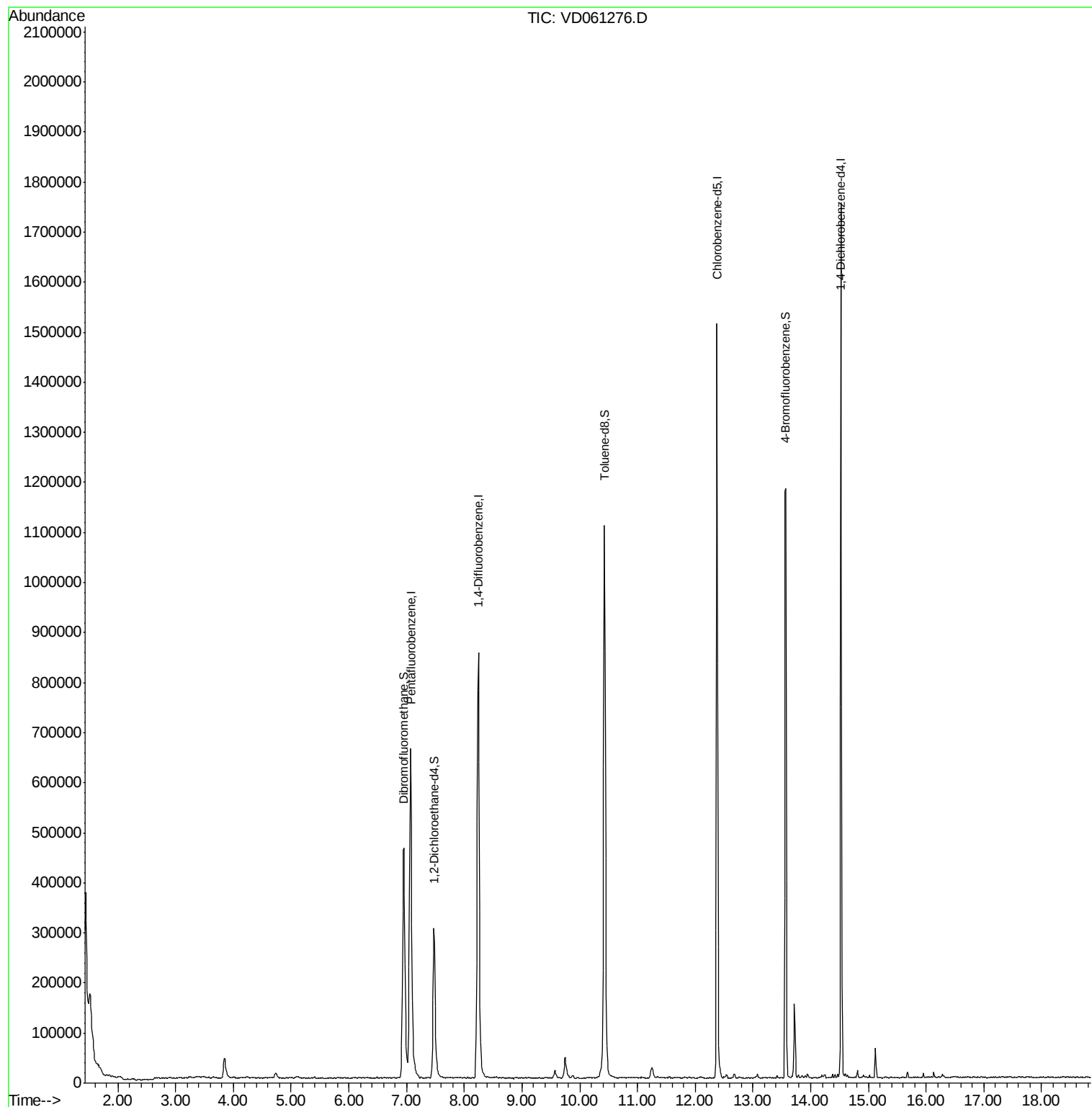
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD061276.D

Acq: 23 Mar 2019 13:01

Instrument :

MSVOA_D

ClientSampleId :

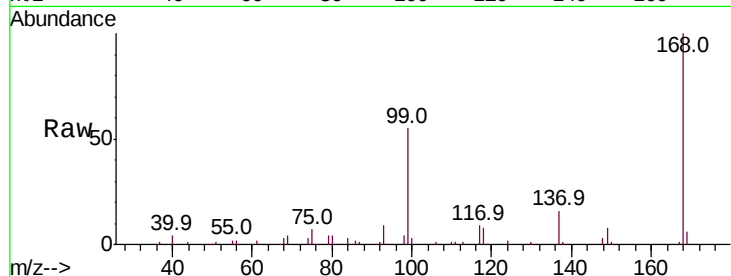
VD0323SBL01

Tot Ion:168 Resp: 687427

Ion Ratio Lower Upper

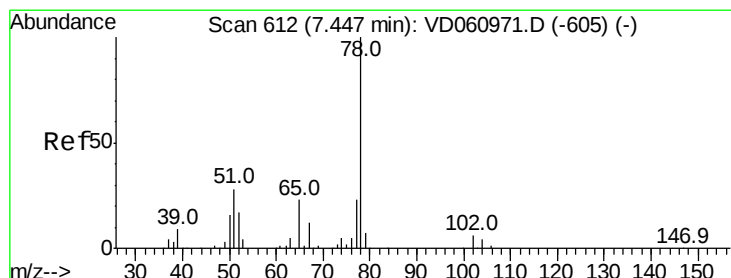
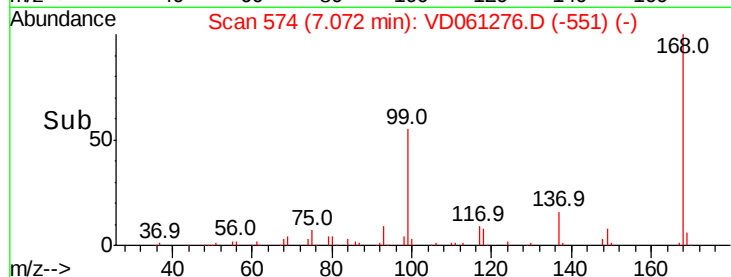
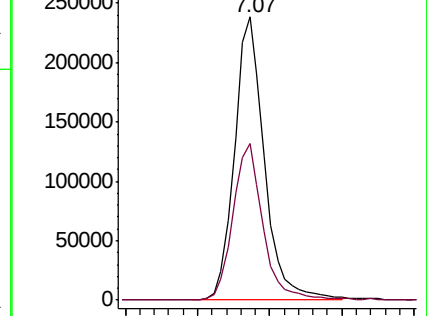
168 100

99 55.2 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.03 min

Lab File: VD061276.D

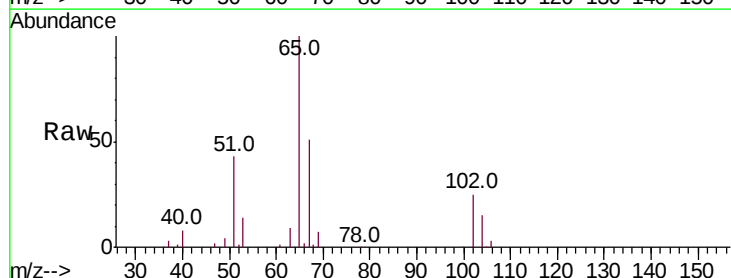
Acq: 23 Mar 2019 13:01

Tgt Ion: 65 Resp: 295625

Ion Ratio Lower Upper

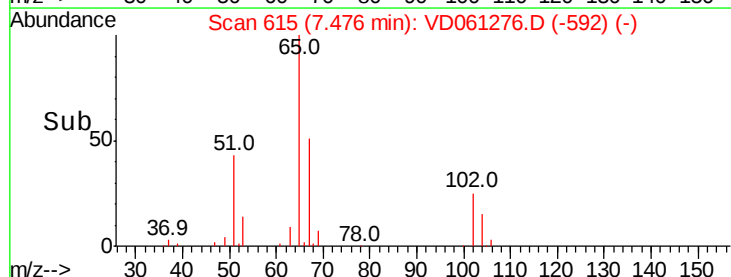
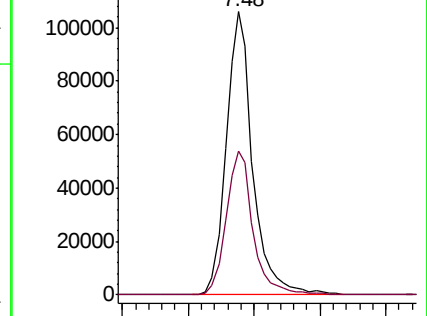
65 100

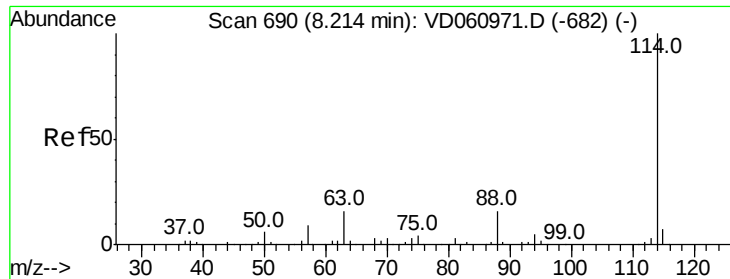
67 51.0 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

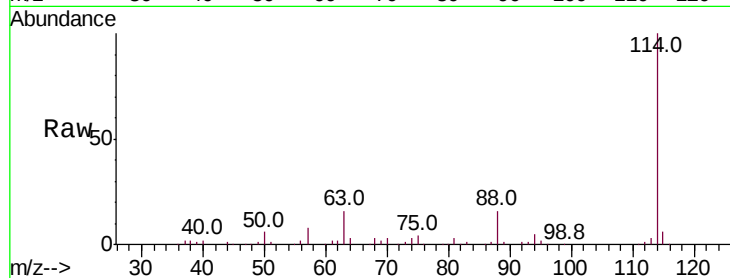




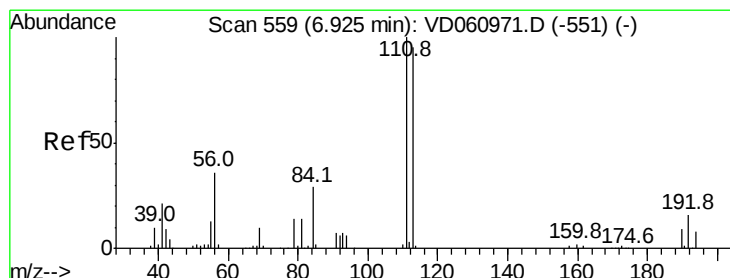
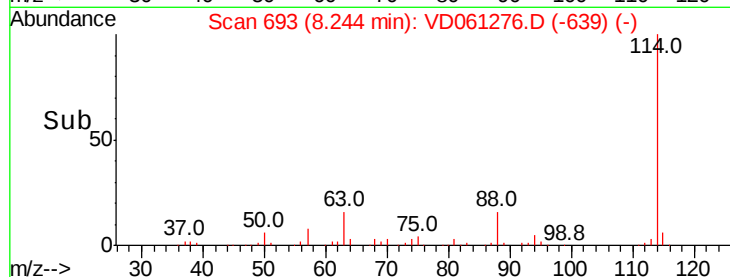
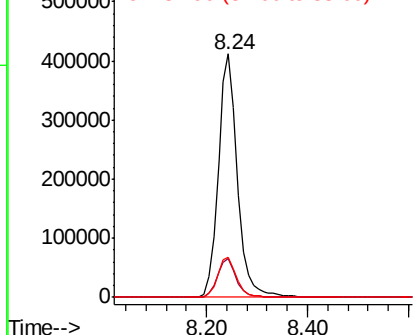
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.03 min
 Lab File: VD061276.D
 Acq: 23 Mar 2019 13:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0323SBL01

Tot Ion:114 Resp: 1085603
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 31.4
 88 16.3 0.0 33.0

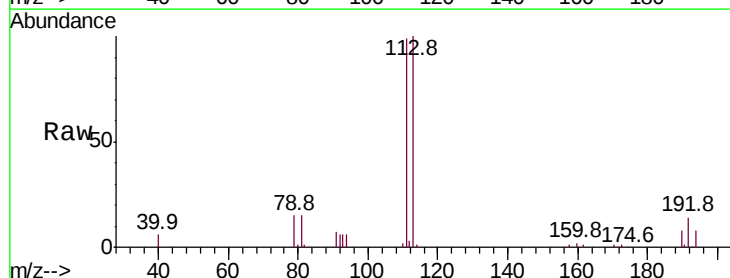


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

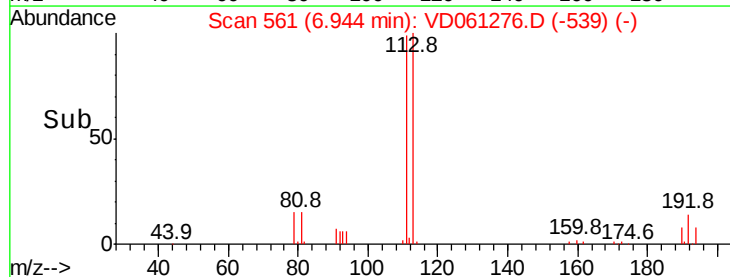
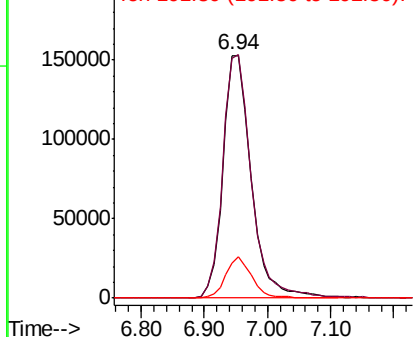


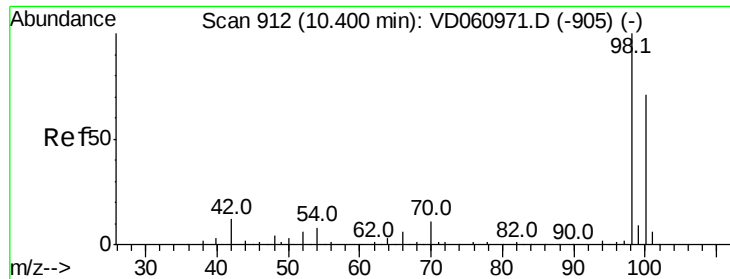
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.02 min
 Lab File: VD061276.D
 Acq: 23 Mar 2019 13:01

Tgt Ion:113 Resp: 476702
 Ion Ratio Lower Upper
 113 100
 111 98.7 84.2 126.4
 192 14.3 13.1 19.7



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: N.D. ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD061276.D

Acq: 23 Mar 2019 13:01

Instrument :

MSVOA_D

ClientSampleId :

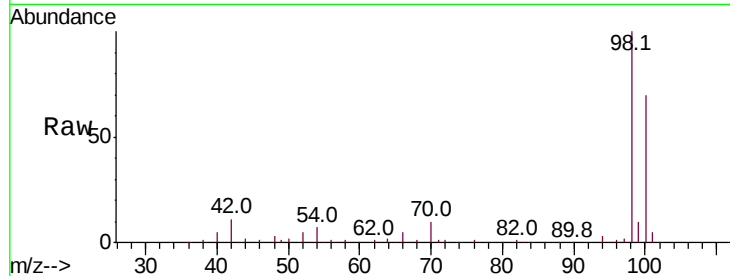
VD0323SBL01

Tot Ion: 98 Resp: 1052991

Ion Ratio Lower Upper

98 100

100 69.5 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

10.43

400000

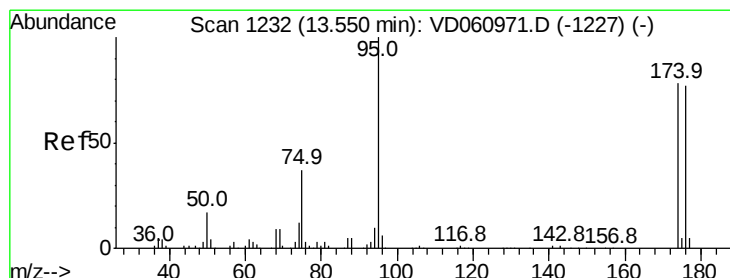
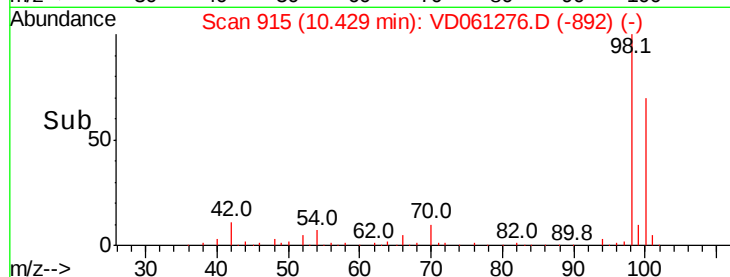
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061276.D

Acq: 23 Mar 2019 13:01

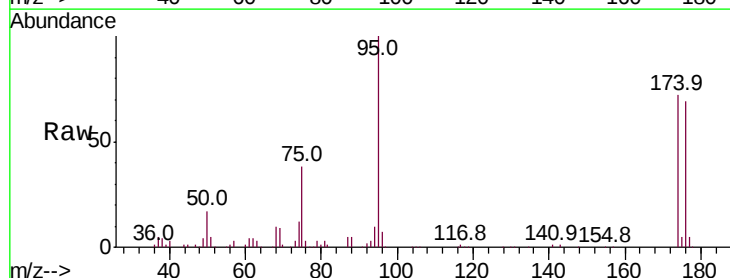
Tgt Ion: 95 Resp: 422959

Ion Ratio Lower Upper

95 100

174 72.3 0.0 155.6

176 68.9 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

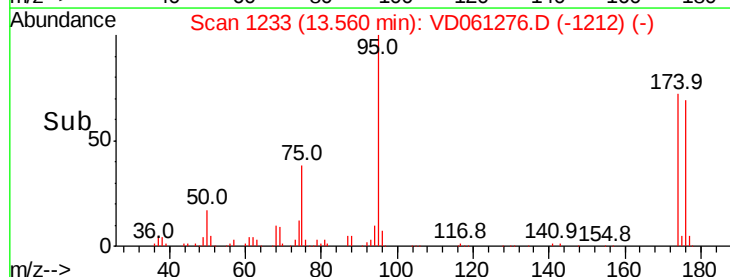
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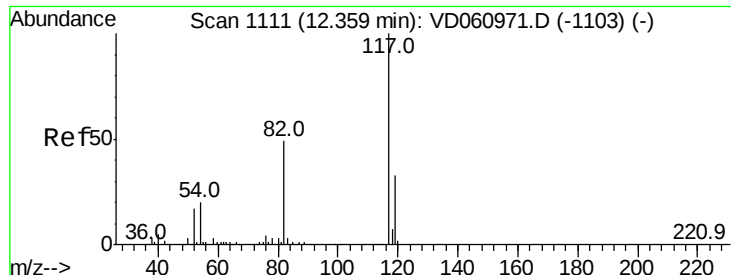
200000

100000

0

Time-->

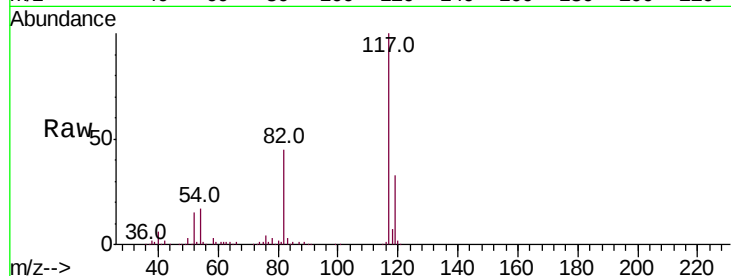




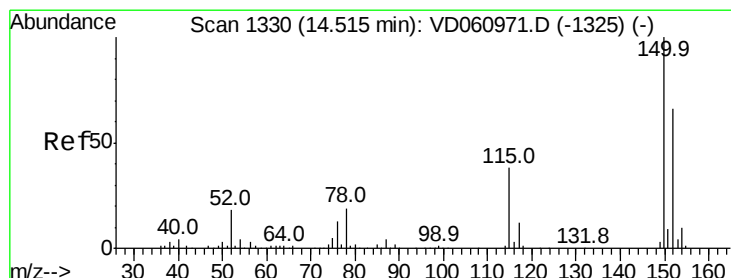
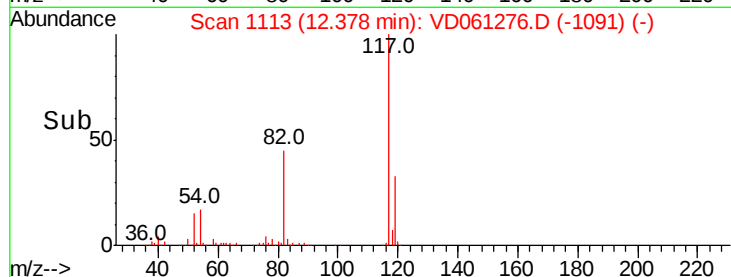
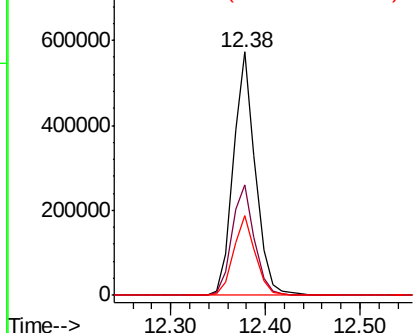
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061276.D
Acq: 23 Mar 2019 13:01

Instrument :
MSVOA_D
ClientSampleId :
VD0323SBL01

Tot Ion:117 Resp: 917628
Ion Ratio Lower Upper
117 100
82 45.3 38.9 58.3
119 32.7 26.6 39.8

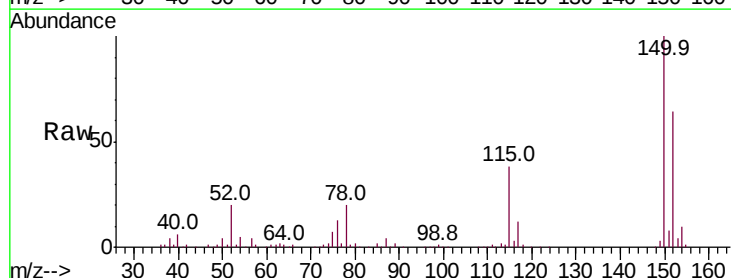


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061276.D
Acq: 23 Mar 2019 13:01

Tgt Ion:152 Resp: 404987
Ion Ratio Lower Upper
152 100
115 59.9 28.6 85.9
150 156.7 0.0 310.6



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

