

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051319\
 Data File : VD062296.D
 Acq On : 13 May 2019 11:00
 Operator : FY/SY
 Sample : VD0513SBL01
 Misc : 5.00g/5mL/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBL01

Quant Time: May 14 05:22:12 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	7.06	168	712392	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	1007236	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	829340	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	442362	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	350728	52.98	ug/l	0.04
Spiked Amount 50.000			Recovery	=	105.96%	
35) Dibromofluoromethane	6.94	113	391696	46.87	ug/l	0.05
Spiked Amount 50.000			Recovery	=	93.74%	
50) Toluene-d8	10.43	98	847583	42.06	ug/l	0.03
Spiked Amount 50.000			Recovery	=	84.12%	
62) 4-Bromofluorobenzene	13.56	95	352481	43.56	ug/l	0.02
Spiked Amount 50.000			Recovery	=	87.12%	

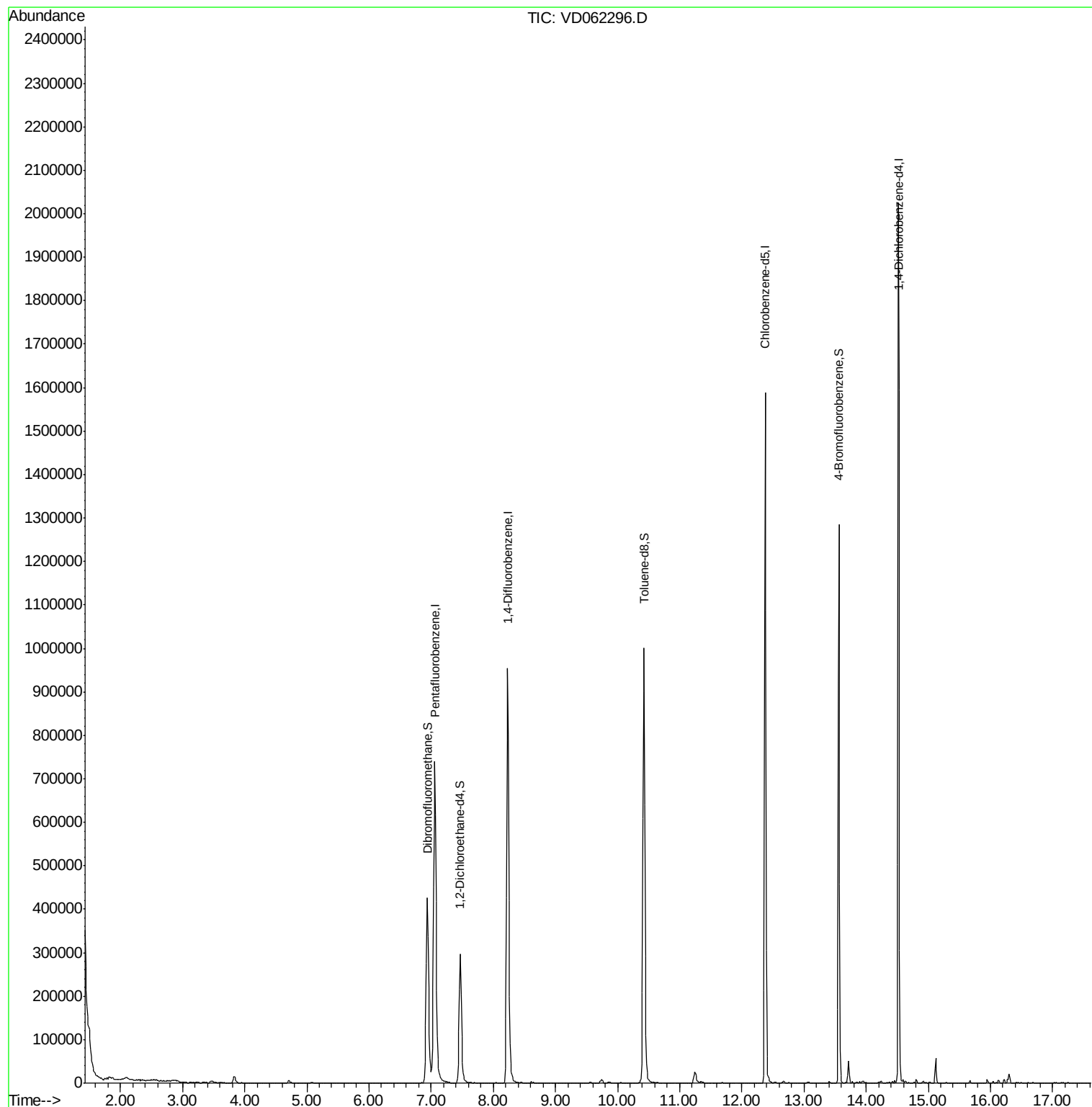
Target Compounds	Qvalue
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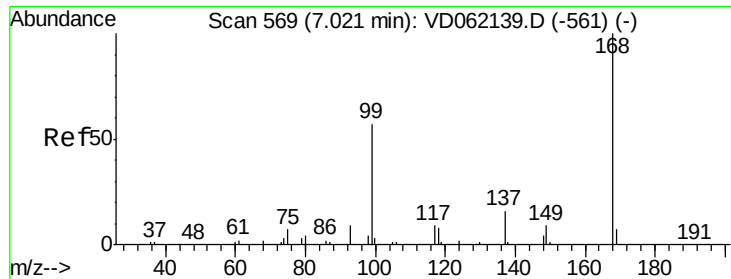
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062296.D

Acq: 13 May 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

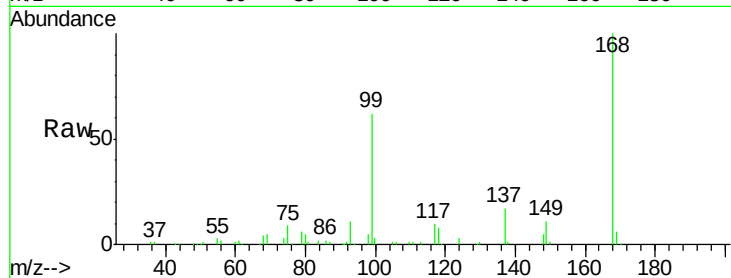
VD0513SBL01

Tgt Ion:168 Resp: 712392

Ion Ratio Lower Upper

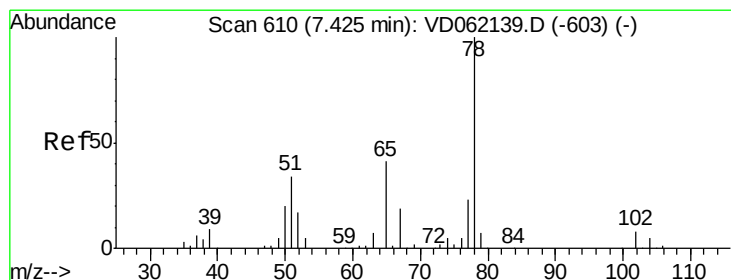
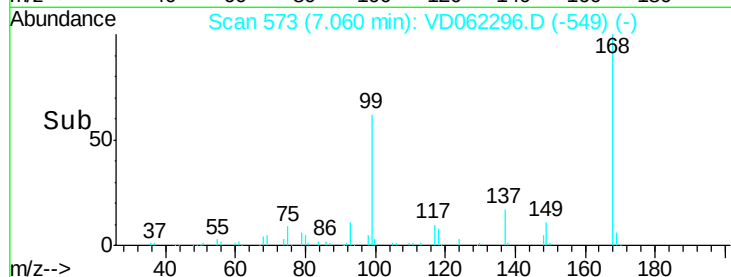
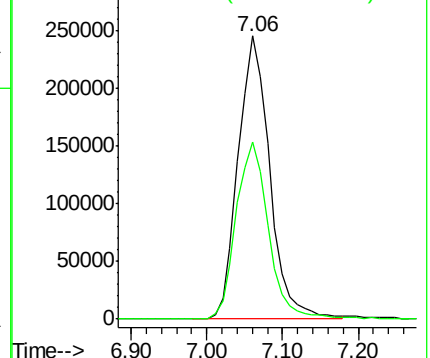
168 100

99 62.4 46.5 69.7



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: 52.977 ug/l

RT: 7.46 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062296.D

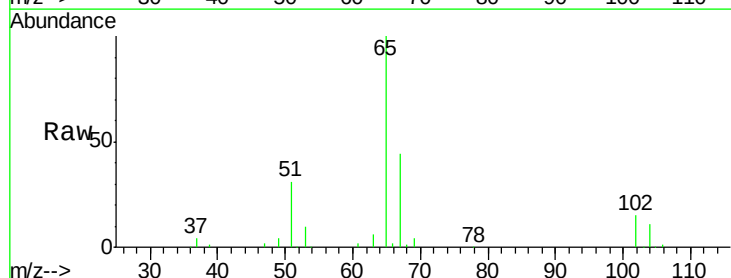
Acq: 13 May 2019 11:00

Tgt Ion: 65 Resp: 350728

Ion Ratio Lower Upper

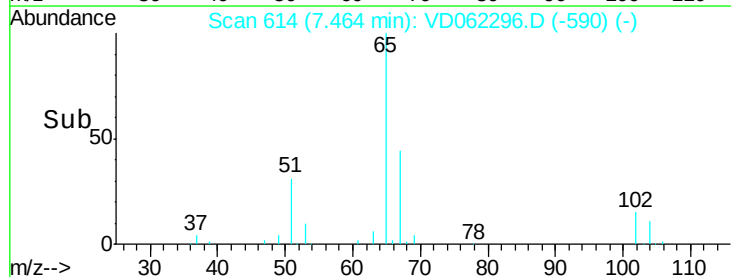
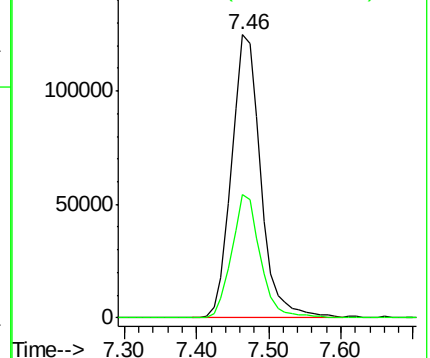
65 100

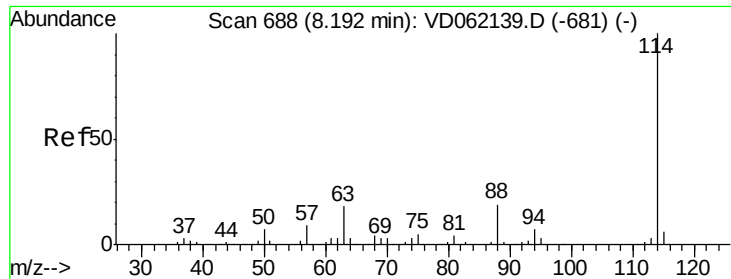
67 43.6 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

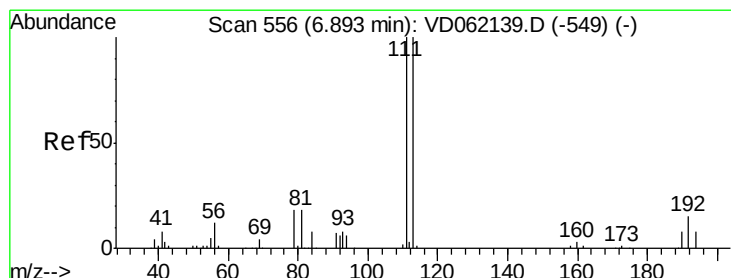
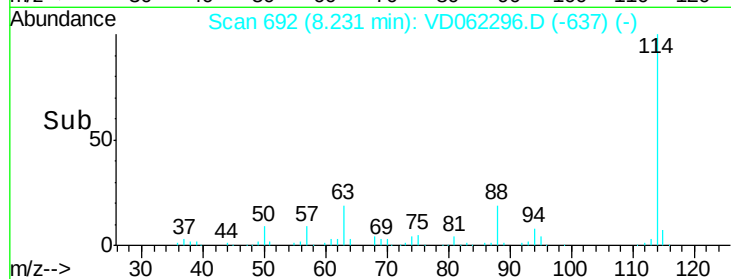
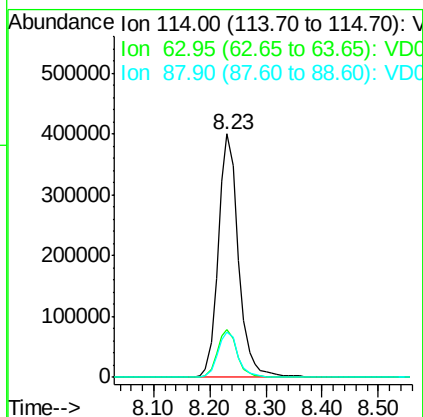
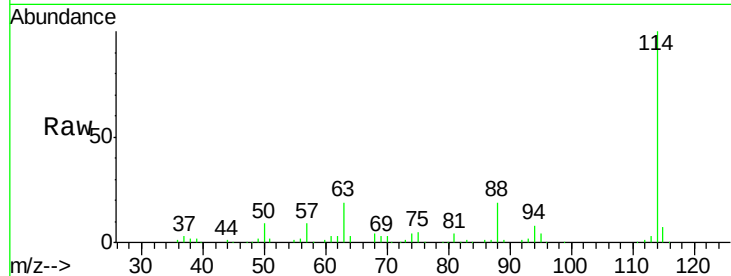




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062296.D
 Acq: 13 May 2019 11:00

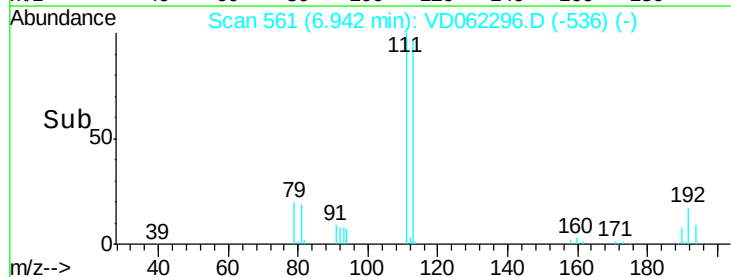
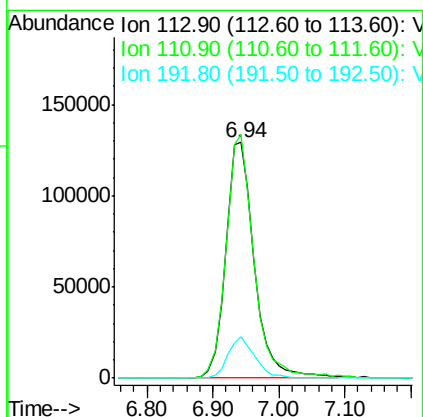
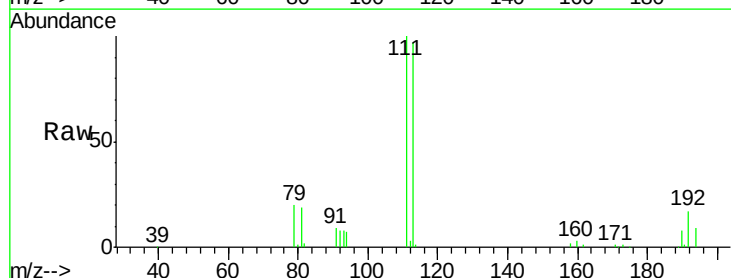
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBL01

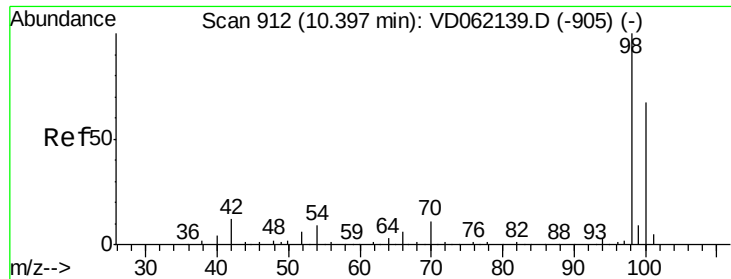
Tgt Ion:114 Resp: 1007236
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 32.4
 88 18.8 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 46.870 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062296.D
 Acq: 13 May 2019 11:00

Tgt Ion:113 Resp: 391696
 Ion Ratio Lower Upper
 113 100
 111 103.4 78.5 117.7
 192 17.5 13.0 19.4

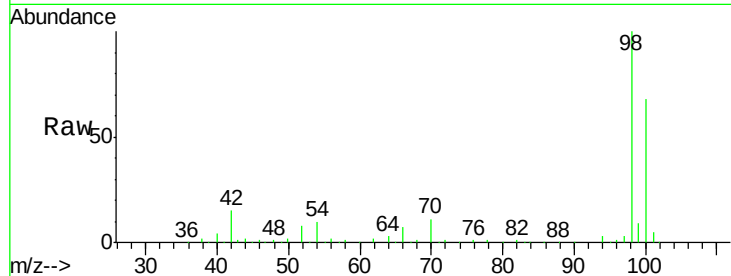




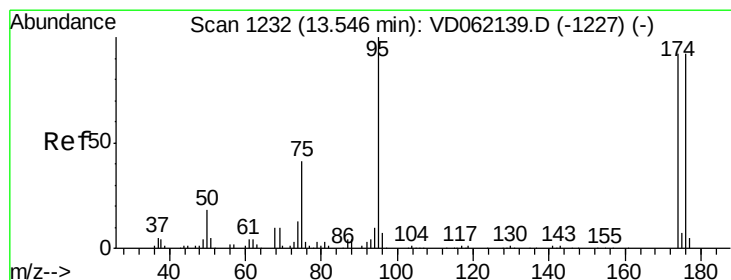
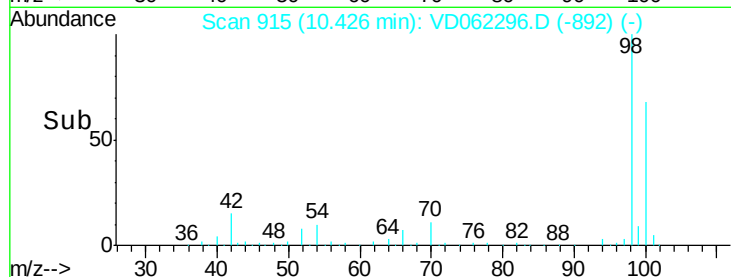
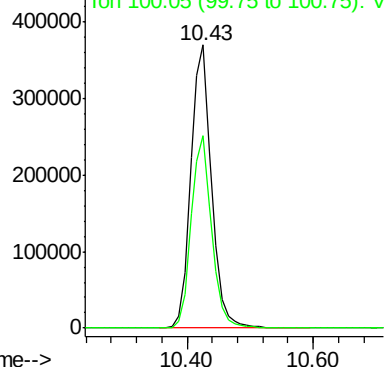
#50
Toluene-d8
Concen: 42.064 ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD062296.D
Acq: 13 May 2019 11:00

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

Tgt Ion: 98 Resp: 847583
Ion Ratio Lower Upper
98 100
100 68.2 53.8 80.8

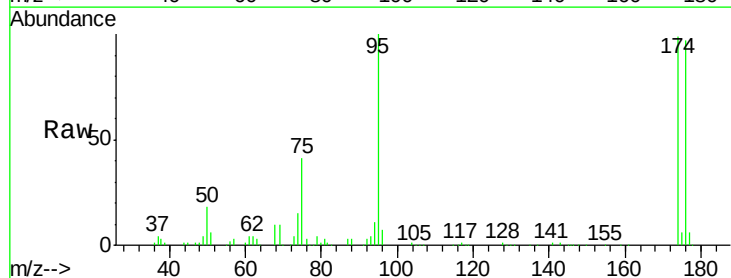


Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

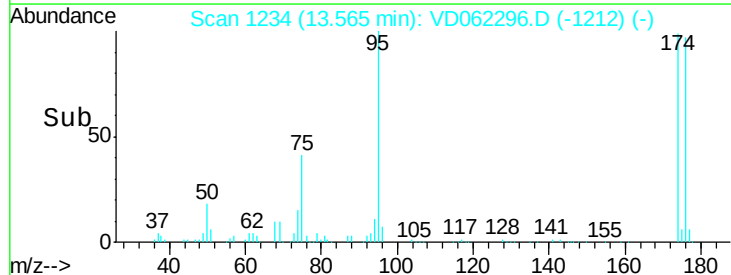
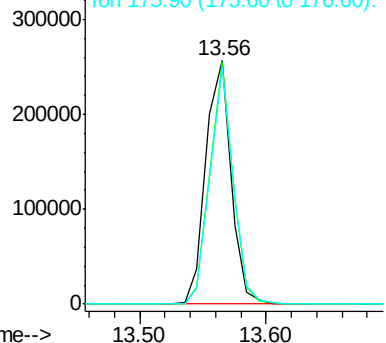


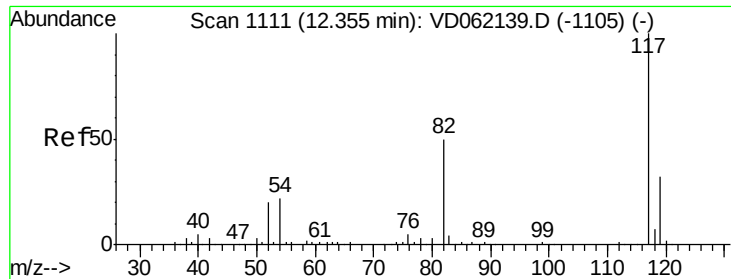
#62
4-Bromofluorobenzene
Concen: 43.562 ug/l
RT: 13.56 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD062296.D
Acq: 13 May 2019 11:00

Tgt Ion: 95 Resp: 352481
Ion Ratio Lower Upper
95 100
174 99.4 0.0 181.8
176 97.3 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) (-)

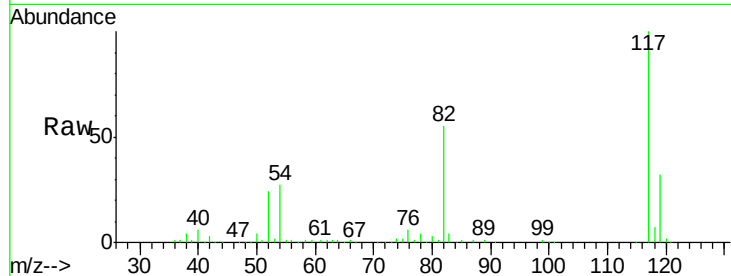




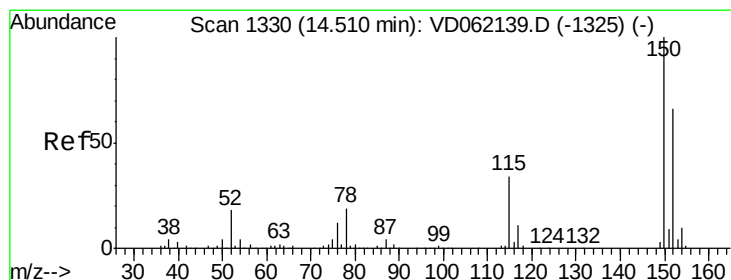
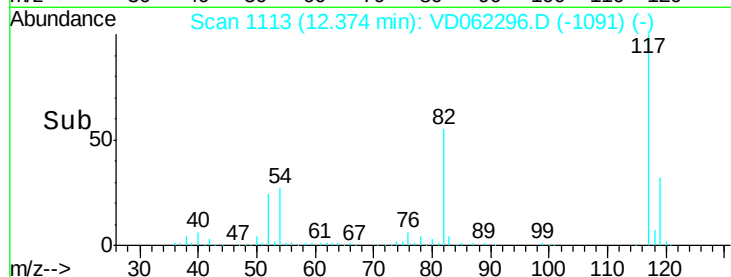
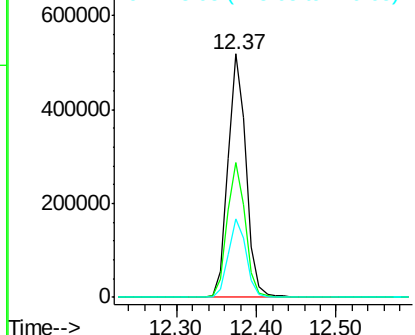
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062296.D
Acq: 13 May 2019 11:00

Instrument :
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ClientSampleId :
VD0513SBL01

Tgt Ion:117 Resp: 829340
Ion Ratio Lower Upper
117 100
82 55.2 36.2 54.2#
119 32.2 26.2 39.4

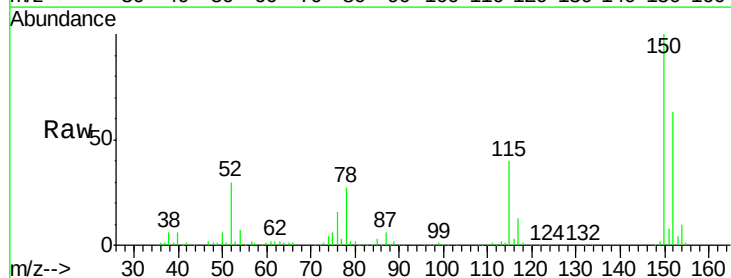


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062296.D
Acq: 13 May 2019 11:00

Tgt Ion:152 Resp: 442362
Ion Ratio Lower Upper
152 100
115 63.3 30.9 92.7
150 157.6 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

