

Data File : VD062229.D
Acq On : 11 May 2019 11:24
Operator : FY/SY
Sample : VD0511SBL01
Misc : 5.00g/5mL/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0511SBL01

Quant Time: May 11 22:33:19 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	901263	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	1243025	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	1035852	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	553008	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	385876	46.07	ug/l	0.03
Spiked Amount	50.000		Recovery	=	92.14%	
35) Dibromofluoromethane	6.92	113	465404	45.13	ug/l	0.03
Spiked Amount	50.000		Recovery	=	90.26%	
50) Toluene-d8	10.41	98	1065004	42.83	ug/l	0.01
Spiked Amount	50.000		Recovery	=	85.66%	
62) 4-Bromofluorobenzene	13.56	95	467518	46.82	ug/l	0.01
Spiked Amount	50.000		Recovery	=	93.64%	

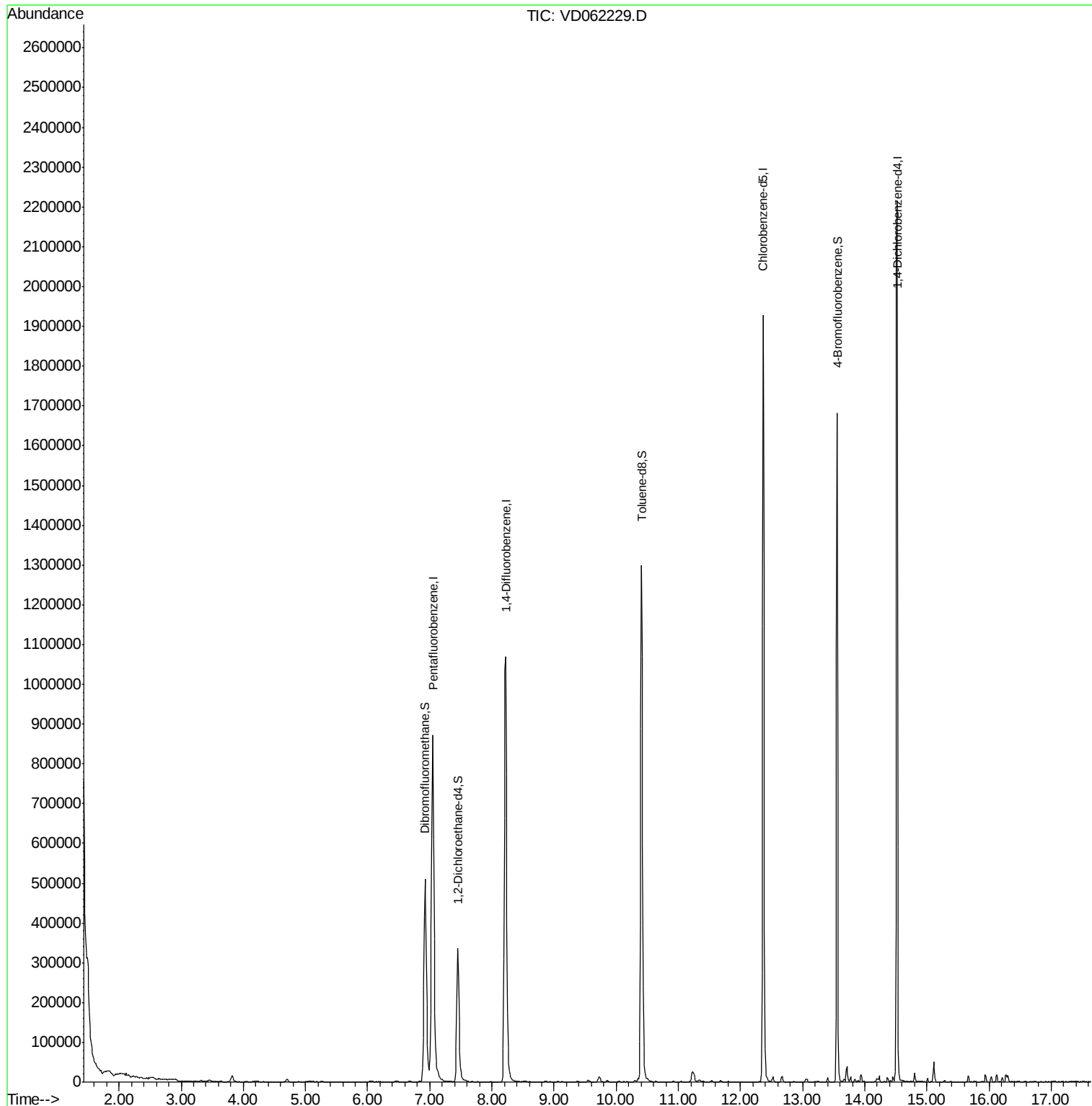
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

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MSVOA_D

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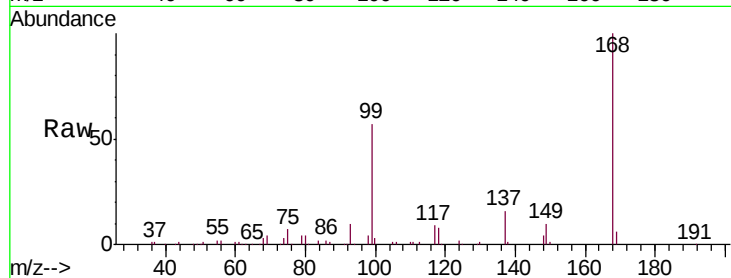
VD0511SBL01

Tgt Ion:168 Resp: 901263

Ion Ratio Lower Upper

168 100

99 56.5 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

300000

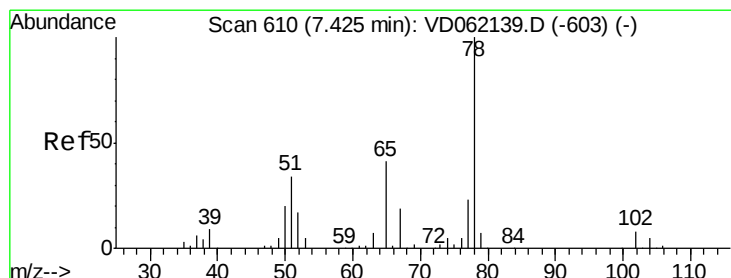
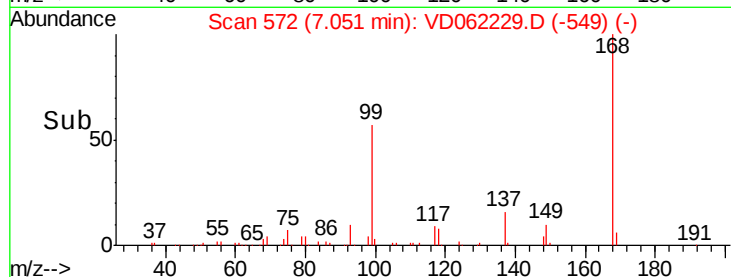
200000

100000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 46.072 ug/l

RT: 7.45 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD062229.D

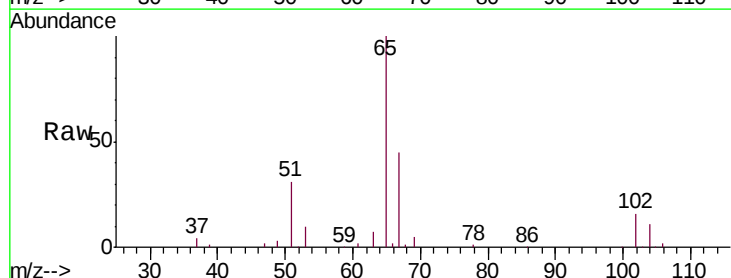
Acq: 11 May 2019 11:24

Tgt Ion: 65 Resp: 385876

Ion Ratio Lower Upper

65 100

67 44.7 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

150000

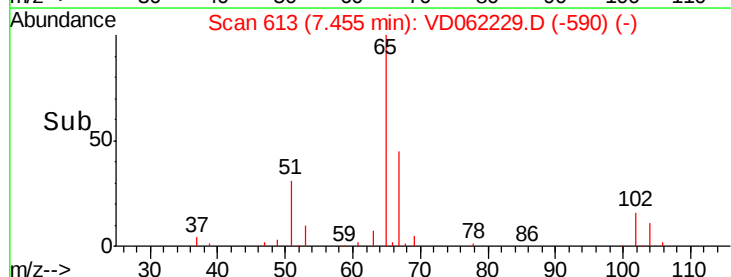
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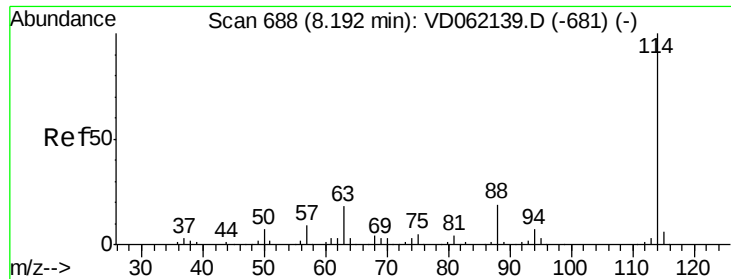
50000

0

Time-->

7.30 7.40 7.50 7.60

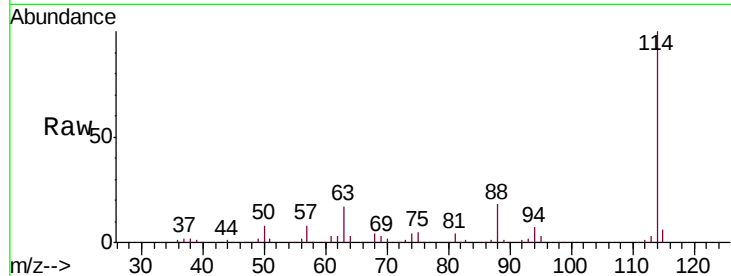




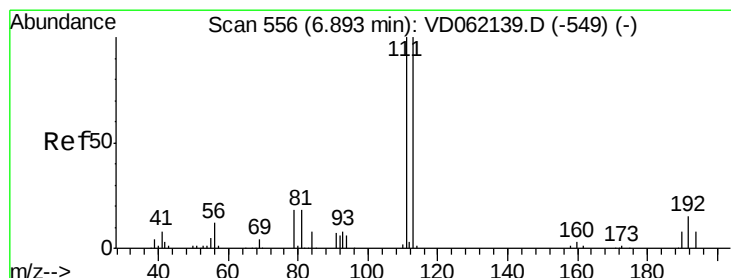
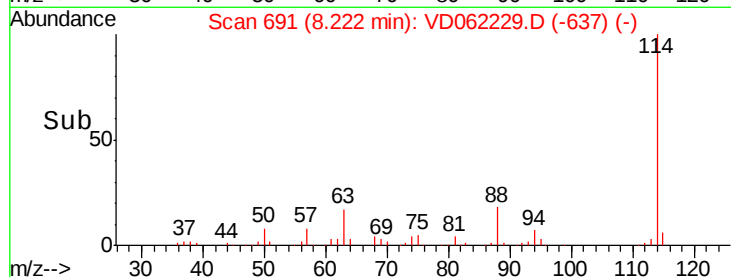
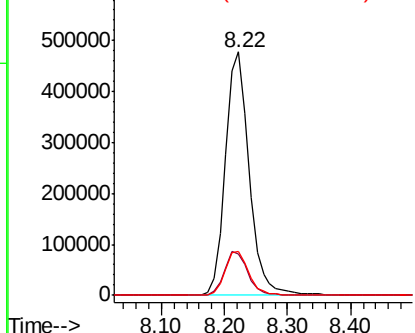
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD062229.D
 Acq: 11 May 2019 11:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0511SBL01

Tgt Ion:114 Resp: 1243025
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 32.4
 88 18.2 0.0 33.6

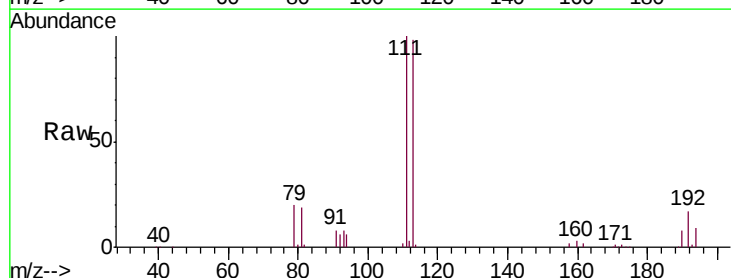


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

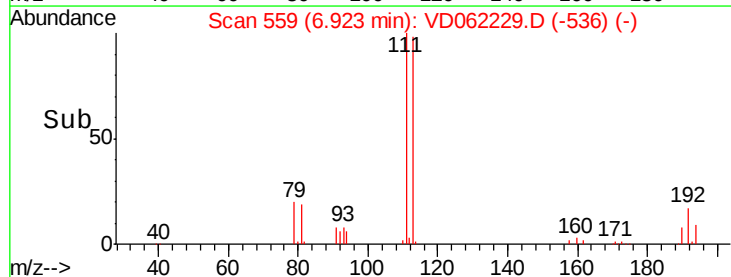
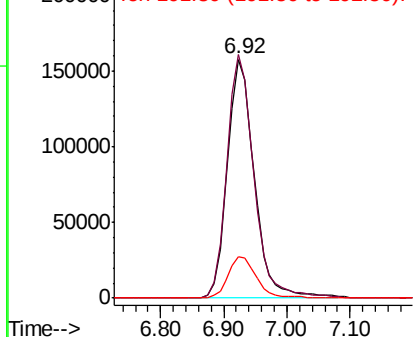


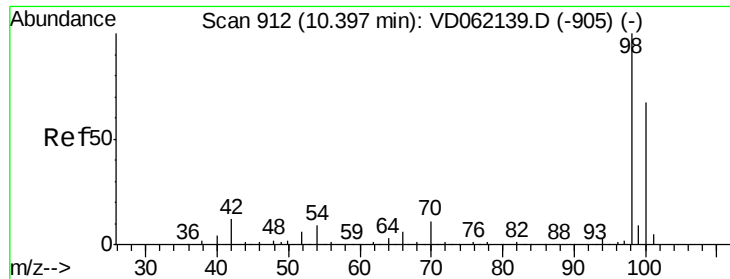
#35
 Dibromofluoromethane
 Concen: 45.126 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD062229.D
 Acq: 11 May 2019 11:24

Tgt Ion:113 Resp: 465404
 Ion Ratio Lower Upper
 113 100
 111 101.8 78.5 117.7
 192 17.3 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

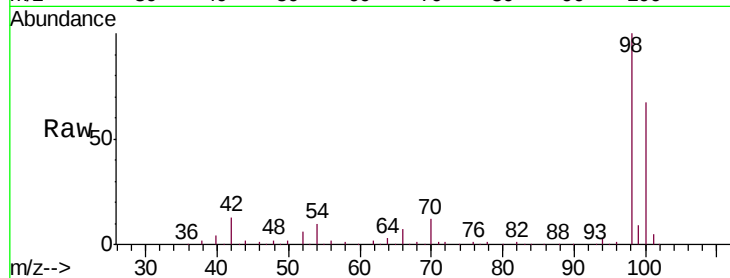




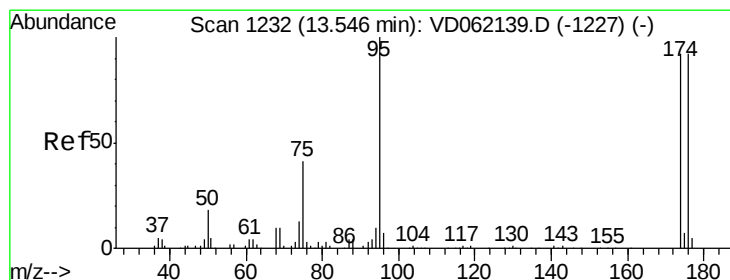
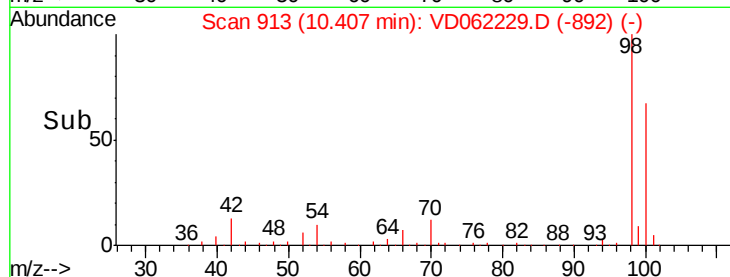
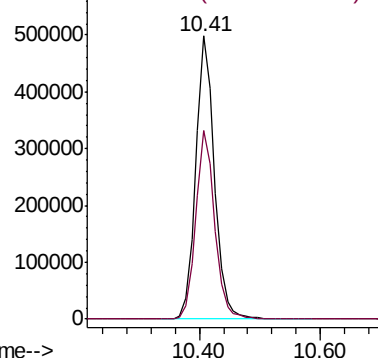
#50
Toluene-d8
Concen: 42.829 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD062229.D
Acq: 11 May 2019 11:24

Instrument :
MSVOA_D
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Tgt Ion: 98 Resp: 1065004
Ion Ratio Lower Upper
98 100
100 66.6 53.8 80.8

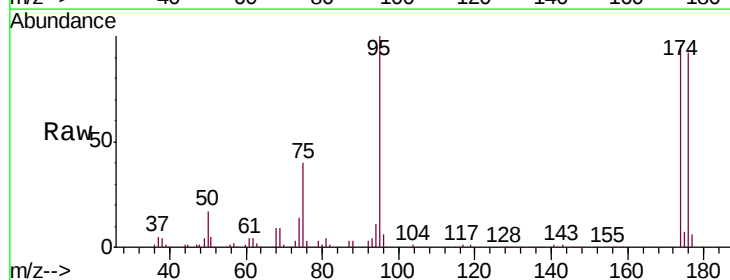


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

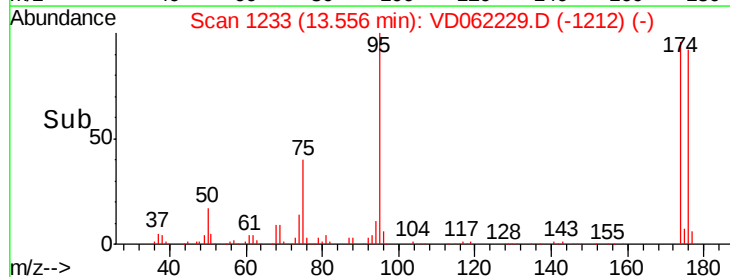
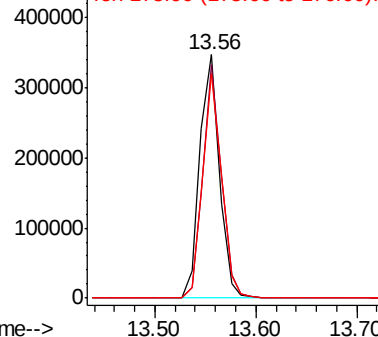


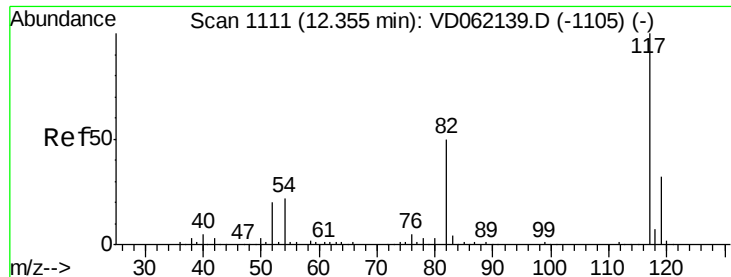
#62
4-Bromofluorobenzene
Concen: 46.819 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062229.D
Acq: 11 May 2019 11:24

Tgt Ion: 95 Resp: 467518
Ion Ratio Lower Upper
95 100
174 95.7 0.0 181.8
176 92.3 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

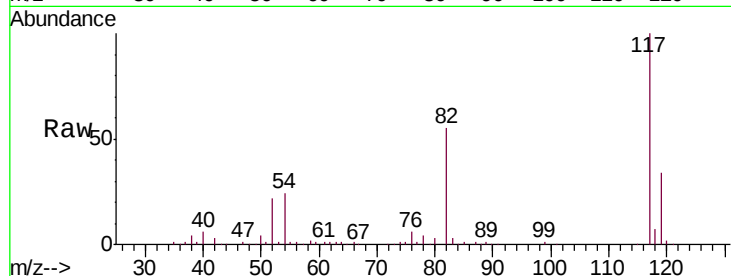




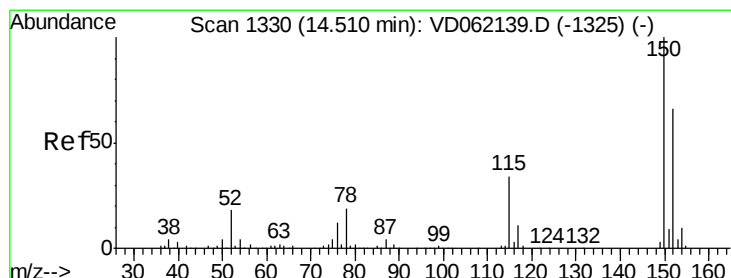
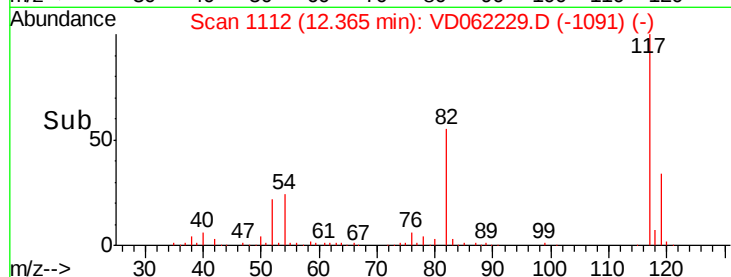
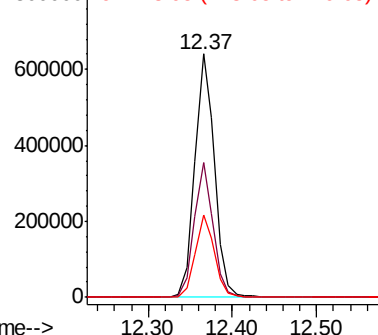
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062229.D
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Tgt Ion:117 Resp: 1035852
Ion Ratio Lower Upper
117 100
82 55.1 36.2 54.2#
119 33.7 26.2 39.4

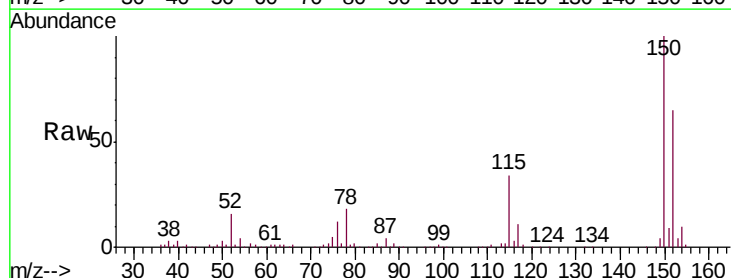


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062229.D
Acq: 11 May 2019 11:24

Tgt Ion:152 Resp: 553008
Ion Ratio Lower Upper
152 100
115 52.4 30.9 92.7
150 153.5 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

