

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
 Data File : VD062362.D
 Acq On : 14 May 2019 23:24
 Operator : FY/SY
 Sample : VD0514SBL02
 Misc : 5.00g/5mL/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0514SBL02

Quant Time: May 15 03:38:24 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	631380	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	833947	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	713022	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	404489	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	342949	58.45	ug/l	0.04
Spiked Amount	50.000		Recovery	=	116.90%	
35) Dibromofluoromethane	6.94	113	393312	56.84	ug/l	0.05
Spiked Amount	50.000		Recovery	=	113.68%	
50) Toluene-d8	10.42	98	812776	48.72	ug/l	0.02
Spiked Amount	50.000		Recovery	=	97.44%	
62) 4-Bromofluorobenzene	13.56	95	331471	49.48	ug/l	0.01
Spiked Amount	50.000		Recovery	=	98.96%	

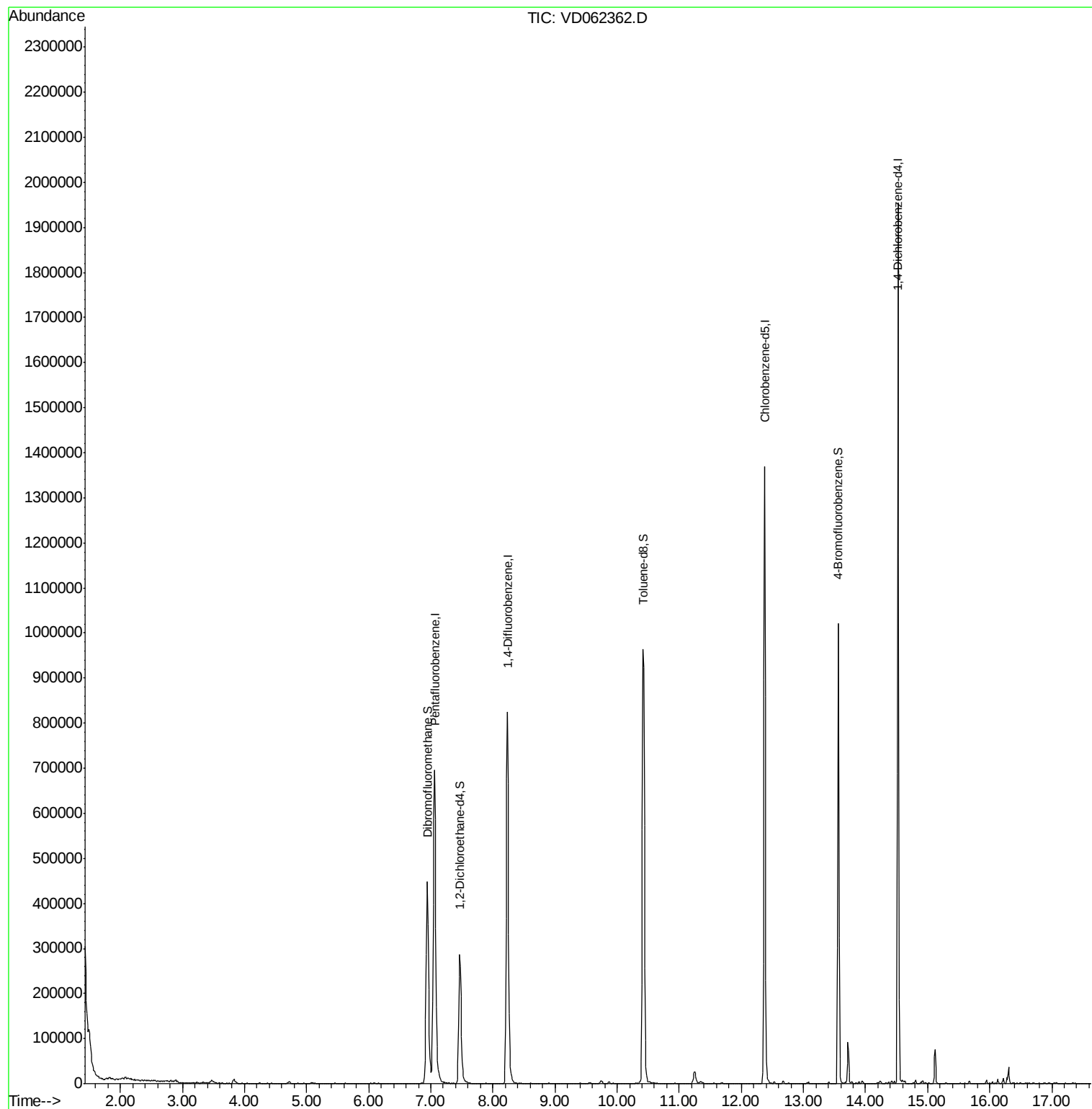
Target Compounds	Qvalue
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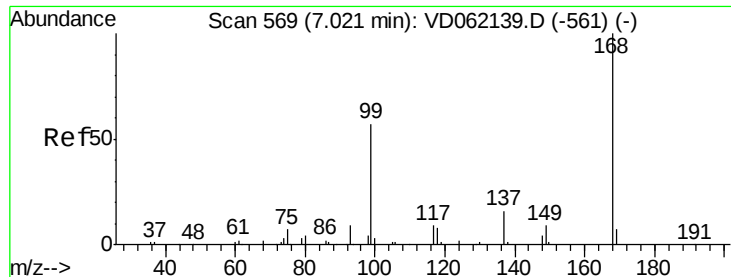
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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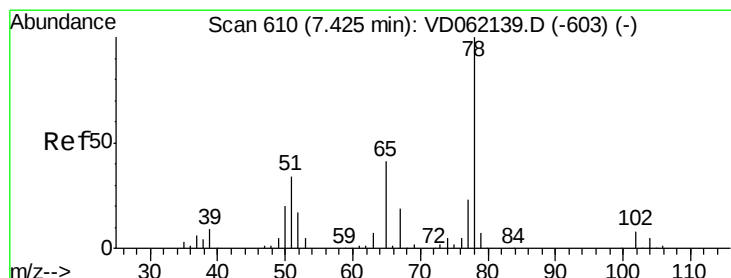
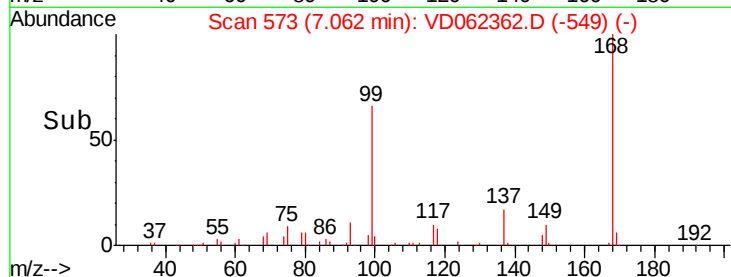
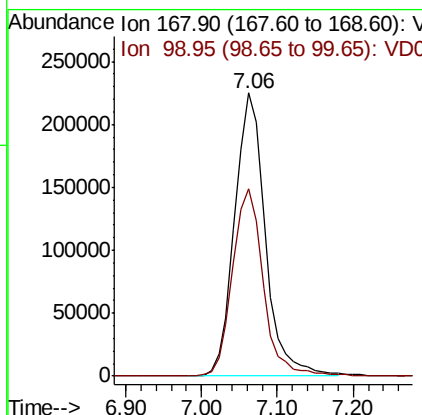
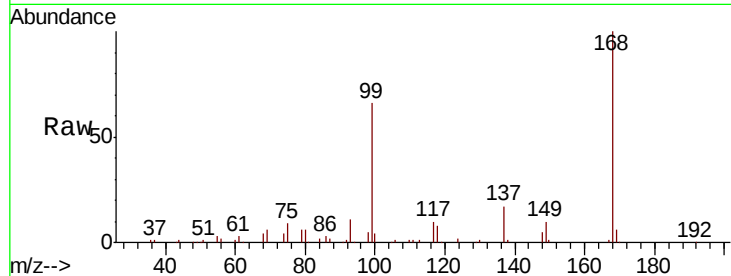




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.04 min
Lab File: VD062362.D
Acq: 14 May 2019 23:24

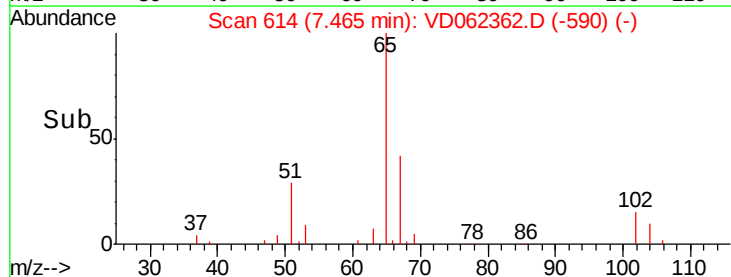
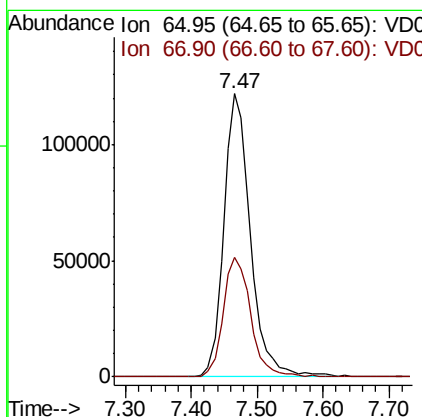
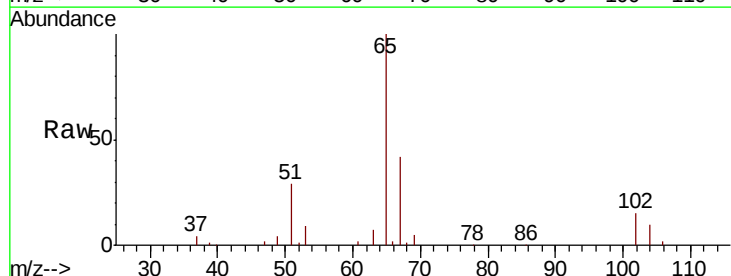
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBL02

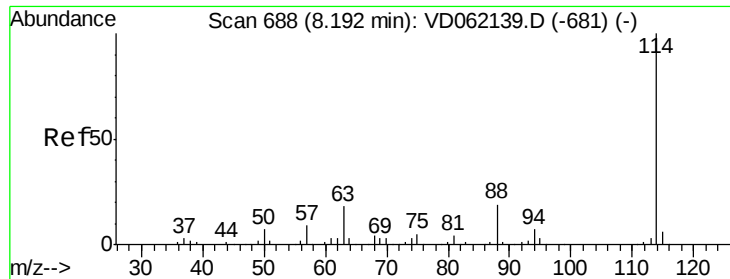
Tgt Ion: 168 Resp: 631380
Ion Ratio Lower Upper
168 100
99 66.1 46.5 69.7



#33
1,2-Dichloroethane-d4
Concen: 58.449 ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.04 min
Lab File: VD062362.D
Acq: 14 May 2019 23:24

Tgt Ion: 65 Resp: 342949
Ion Ratio Lower Upper
65 100
67 42.2 0.0 98.0

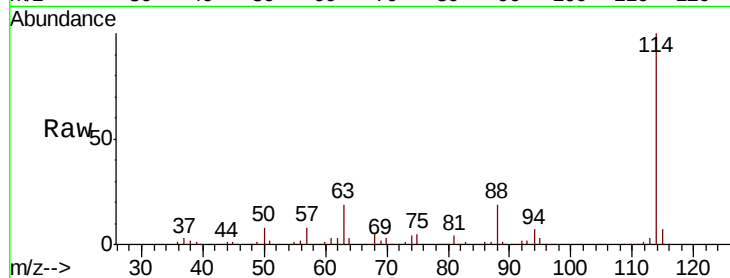




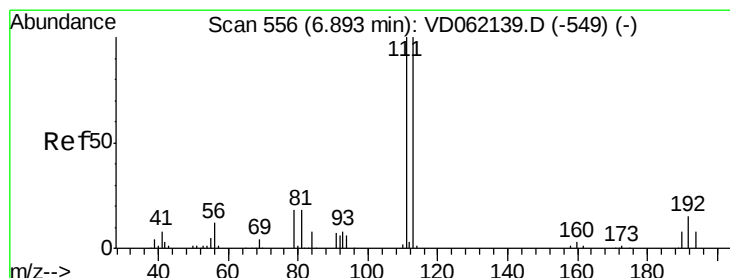
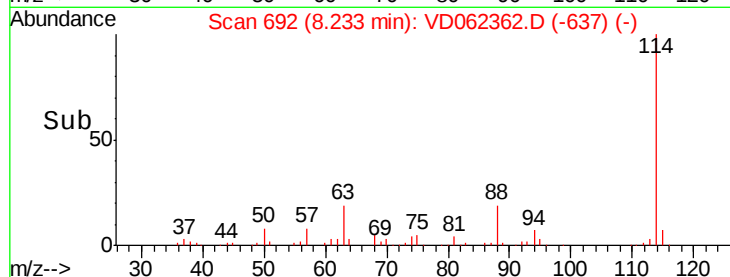
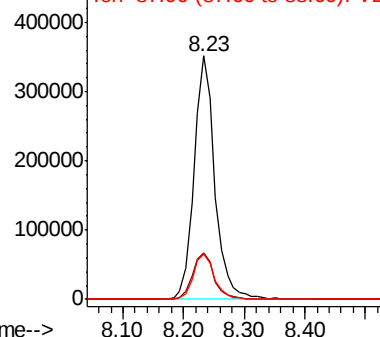
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062362.D
 Acq: 14 May 2019 23:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0514SBL02

Tgt Ion:114 Resp: 833947
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 32.4
 88 18.6 0.0 33.6

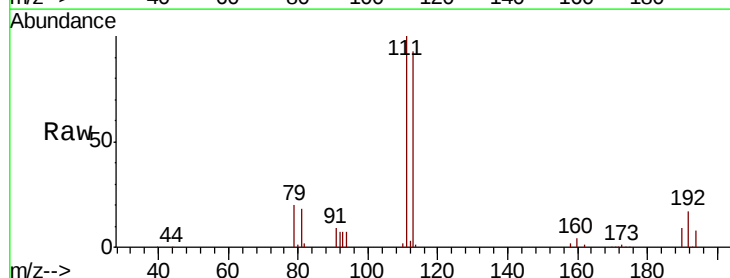


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

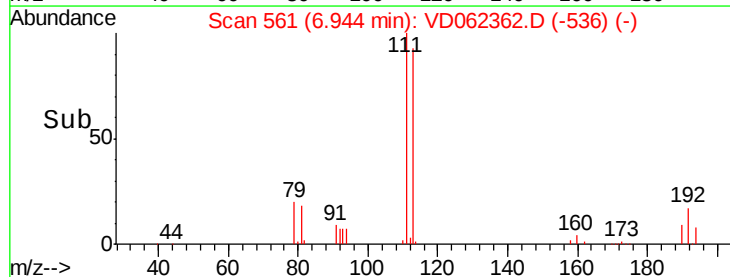
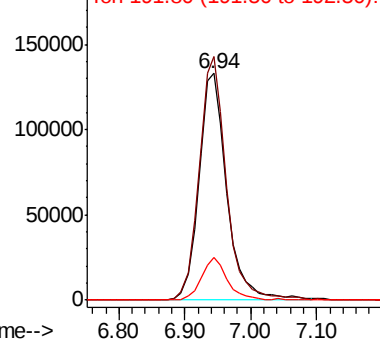


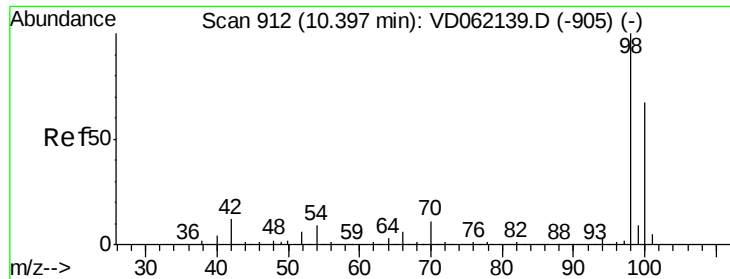
#35
 Dibromofluoromethane
 Concen: 56.842 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062362.D
 Acq: 14 May 2019 23:24

Tgt Ion:113 Resp: 393312
 Ion Ratio Lower Upper
 113 100
 111 107.4 78.5 117.7
 192 18.6 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

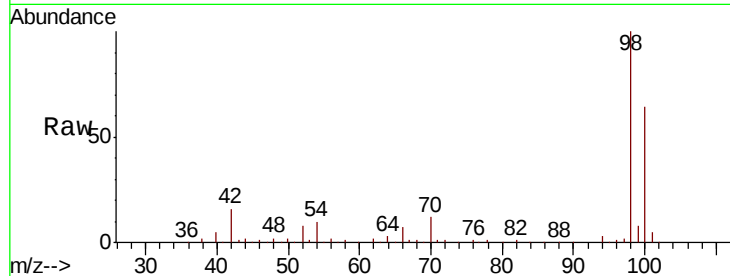




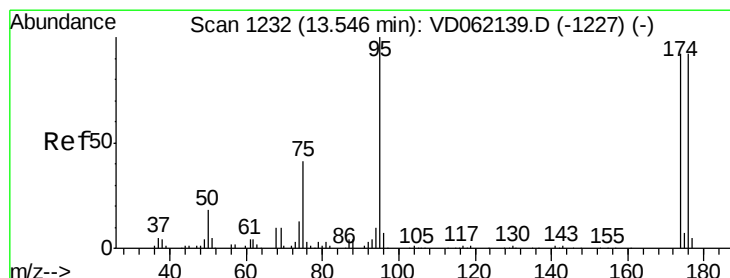
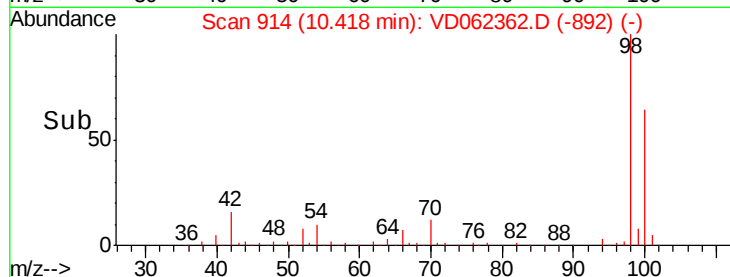
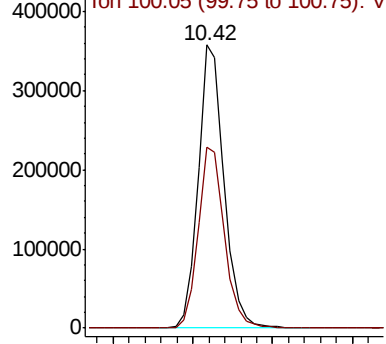
#50
Toluene-d8
Concen: 48.719 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD062362.D
Acq: 14 May 2019 23:24

Instrument :
MSVOA_D
ClientSampleId :
VD0514SBL02

Tgt Ion: 98 Resp: 812776
Ion Ratio Lower Upper
98 100
100 63.9 53.8 80.8

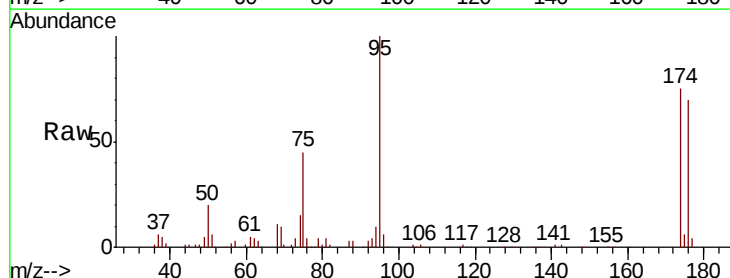


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

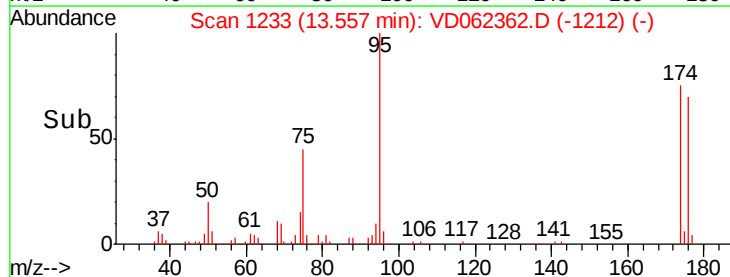
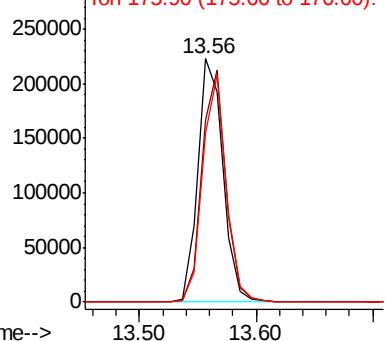


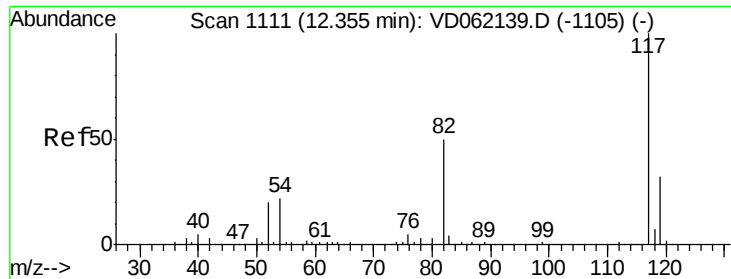
#62
4-Bromofluorobenzene
Concen: 49.478 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062362.D
Acq: 14 May 2019 23:24

Tgt Ion: 95 Resp: 331471
Ion Ratio Lower Upper
95 100
174 75.1 0.0 181.8
176 69.5 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

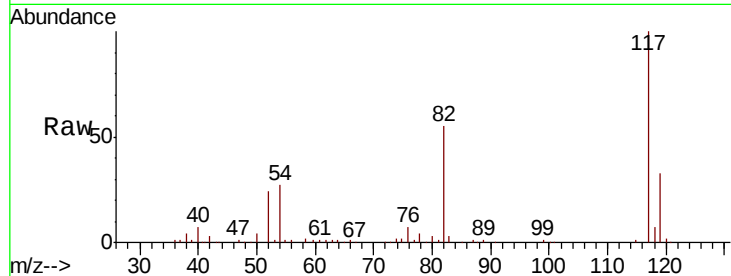




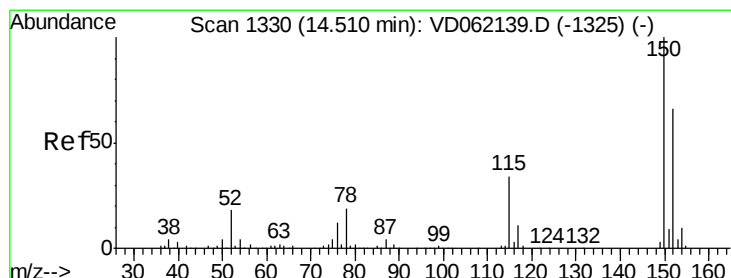
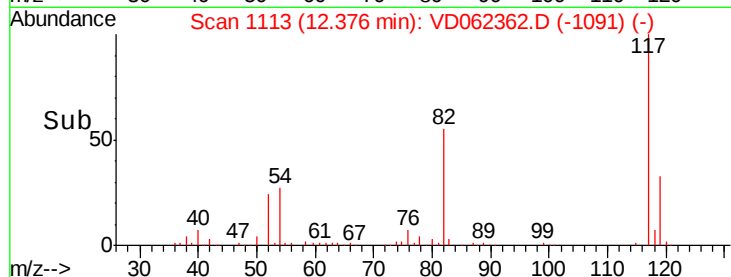
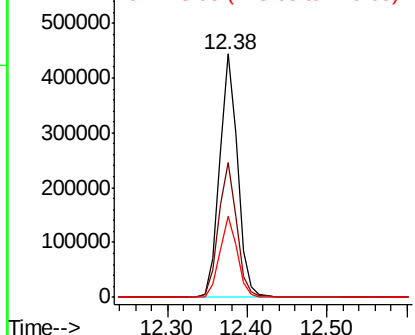
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062362.D
Acq: 14 May 2019 23:24

Instrument :
MSVOA_D
ClientSampleId :
VD0514SBL02

Tgt Ion:117 Resp: 713022
Ion Ratio Lower Upper
117 100
82 55.2 36.2 54.2#
119 33.1 26.2 39.4

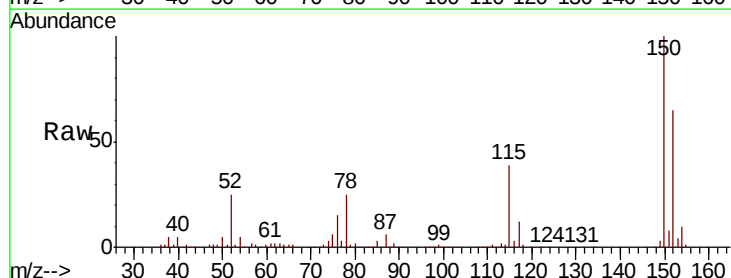


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062362.D
Acq: 14 May 2019 23:24

Tgt Ion:152 Resp: 404489
Ion Ratio Lower Upper
152 100
115 60.3 30.9 92.7
150 154.8 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

