

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062303.D
 Acq On : 13 May 2019 14:31
 Operator : FY/SY
 Sample : K2718-20RE
 Misc : 6.42g/5mL/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS007-1824-01RE

Quant Time: May 14 09:47:29 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	60950	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	91481	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	80217	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	39758	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	43028	75.97	ug/l	0.04
Spiked Amount			Recovery	=	151.94%	
35) Dibromofluoromethane	6.94	113	38502	50.73	ug/l	0.05
Spiked Amount			Recovery	=	101.46%	
50) Toluene-d8	10.43	98	66033	36.08	ug/l	0.03
Spiked Amount			Recovery	=	72.16%	
62) 4-Bromofluorobenzene	13.57	95	29389	39.99	ug/l	0.02
Spiked Amount			Recovery	=	79.98%	

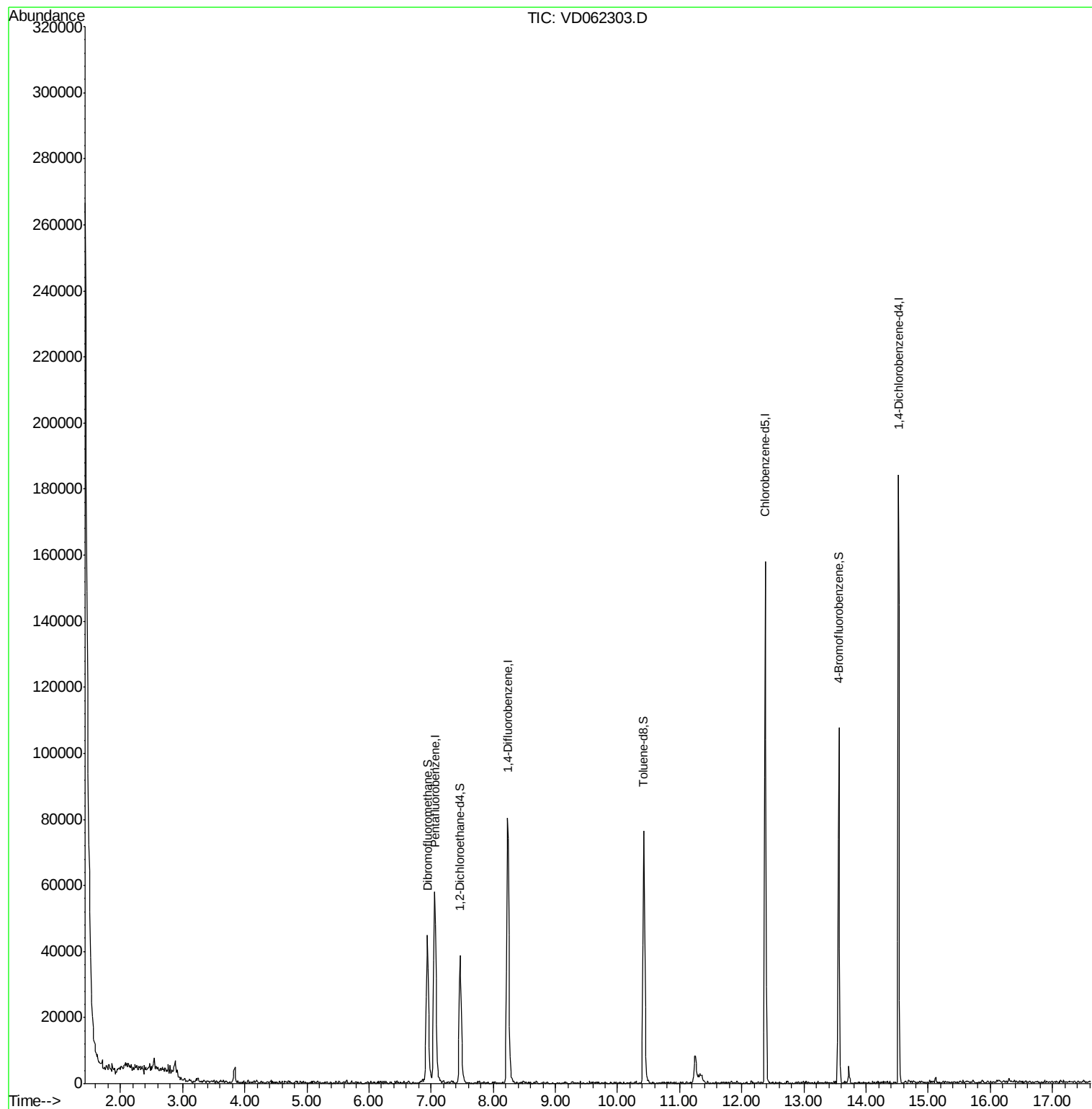
Target Compounds	Qvalue
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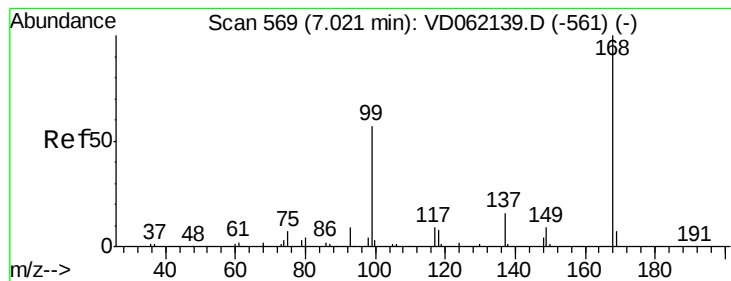
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD062303.D

Acq: 13 May 2019 14:31

Instrument :

MSVOA_D

ClientSampleId :

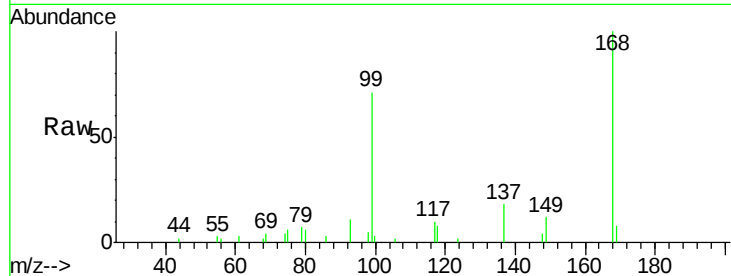
P026-SS007-1824-01RE

Tot Ion:168 Resp: 60950

Ion Ratio Lower Upper

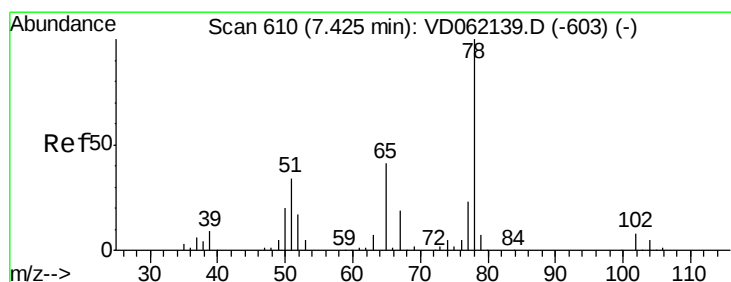
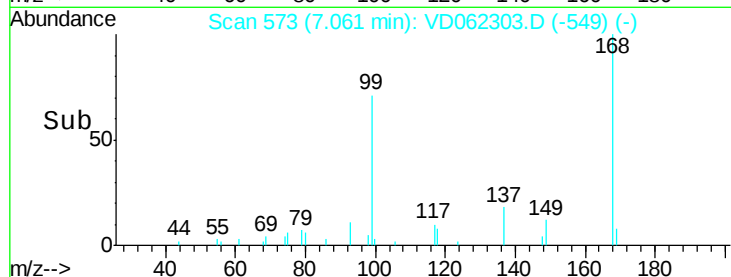
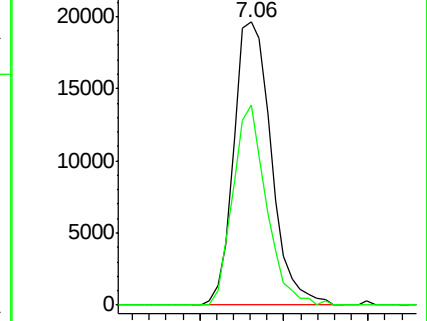
168 100

99 70.5 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: 75.965 ug/l

RT: 7.46 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062303.D

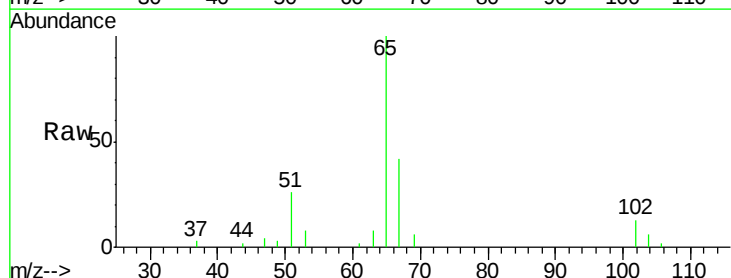
Acq: 13 May 2019 14:31

Tgt Ion: 65 Resp: 43028

Ion Ratio Lower Upper

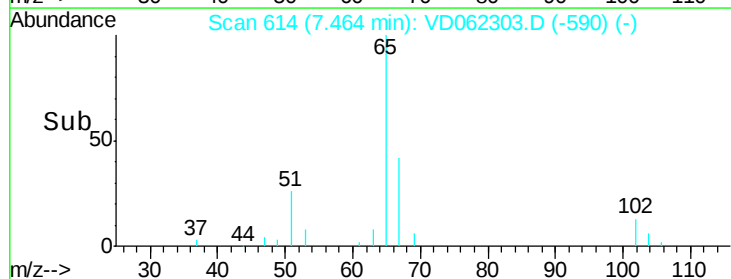
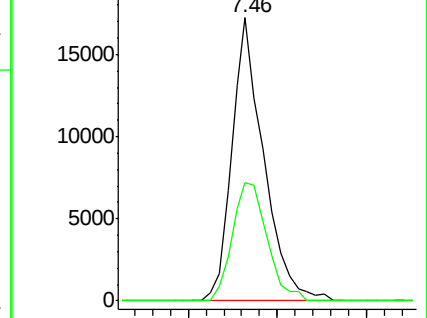
65 100

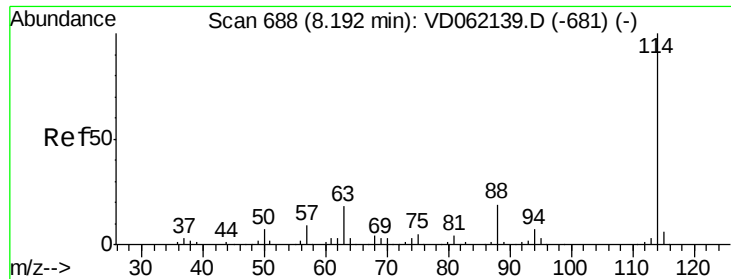
67 41.7 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

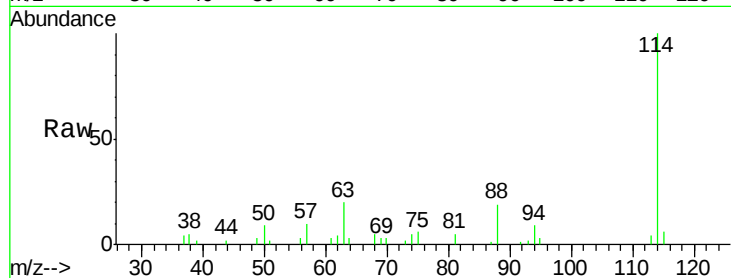




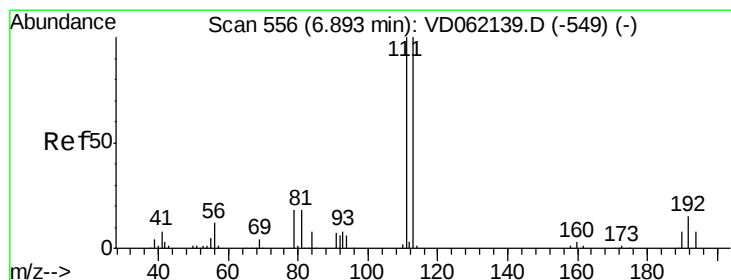
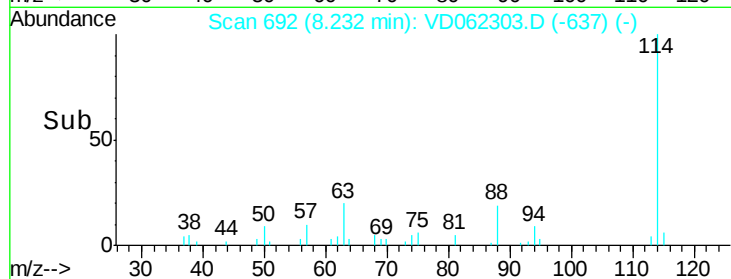
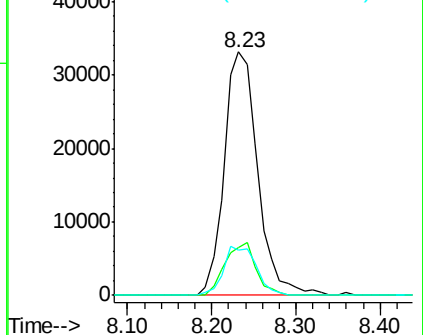
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062303.D
 Acq: 13 May 2019 14:31

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS007-1824-01RE

Tot Ion:114 Resp: 91481
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 32.4
 88 18.6 0.0 33.6

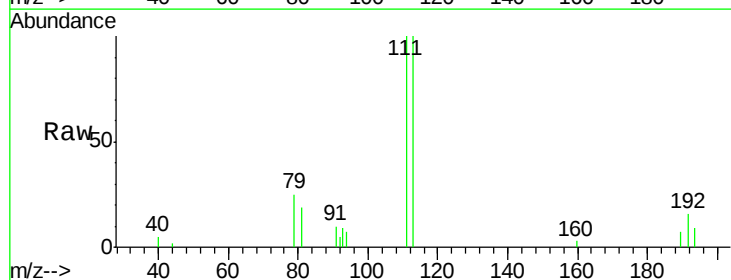


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

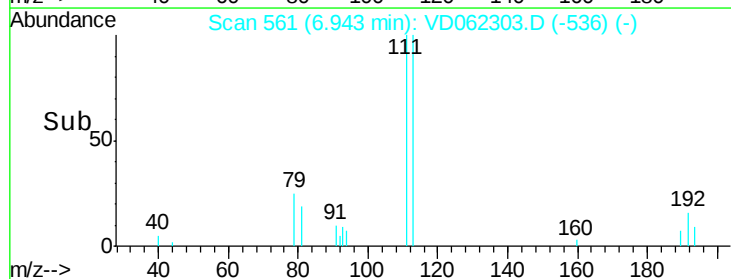
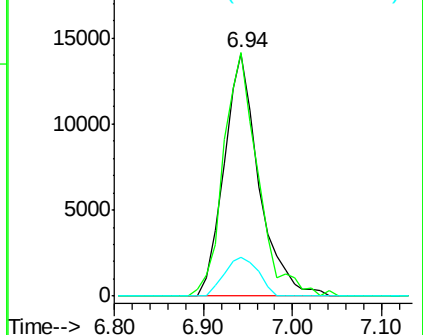


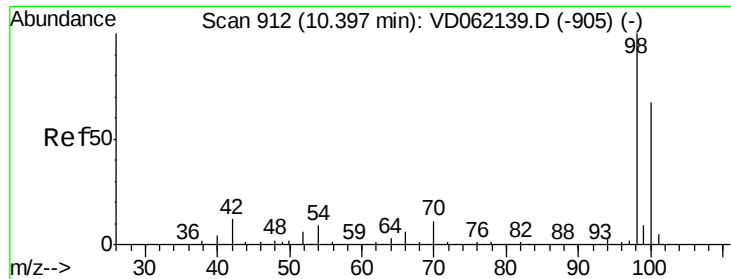
#35
 Dibromofluoromethane
 Concen: 50.725 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062303.D
 Acq: 13 May 2019 14:31

Tgt Ion:113 Resp: 38502
 Ion Ratio Lower Upper
 113 100
 111 100.5 78.5 117.7
 192 16.3 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

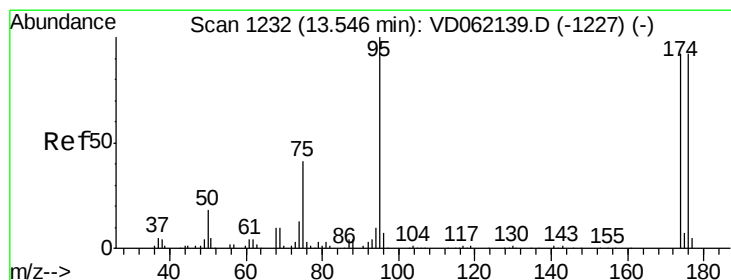
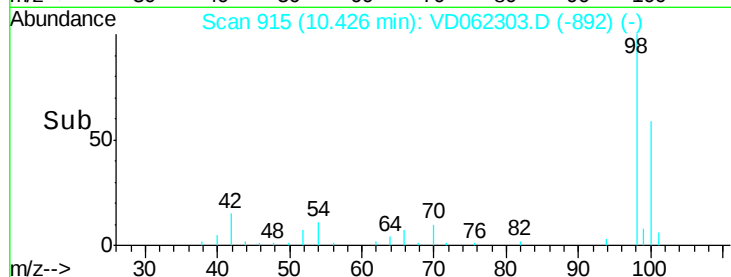
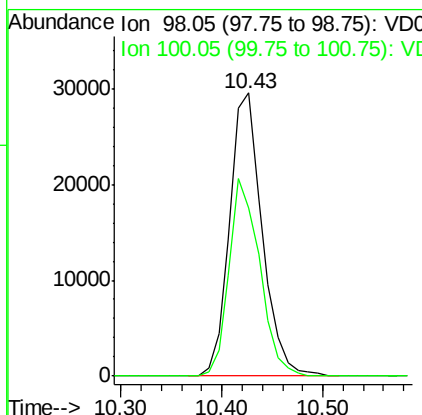
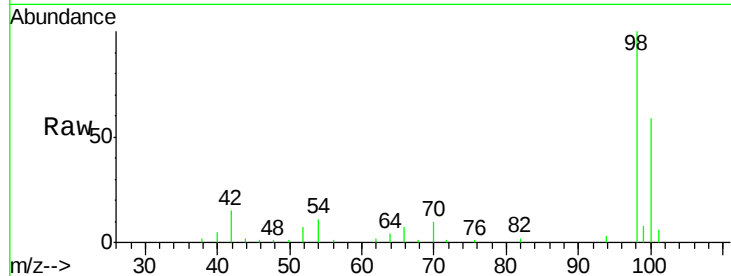




#50
Toluene-d8
Concen: 36.082 ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD062303.D
Acq: 13 May 2019 14:31

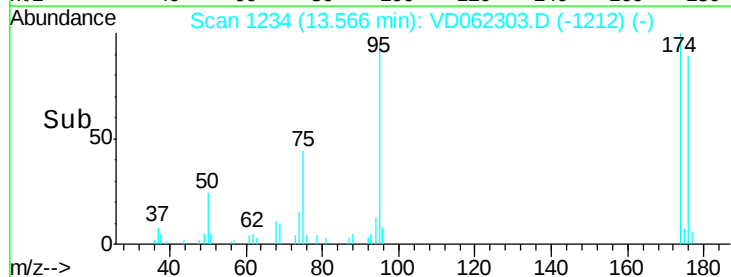
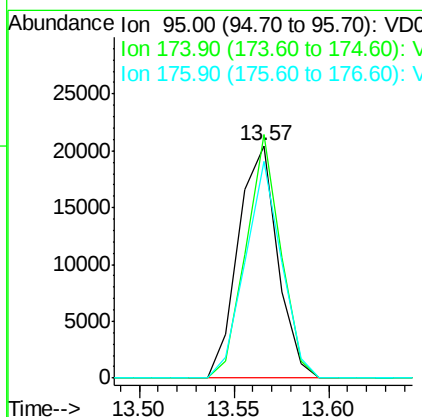
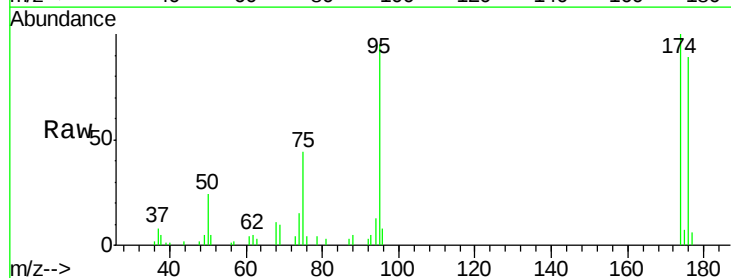
Instrument :
MSVOA_D
ClientSampleId :
P026-SS007-1824-01RE

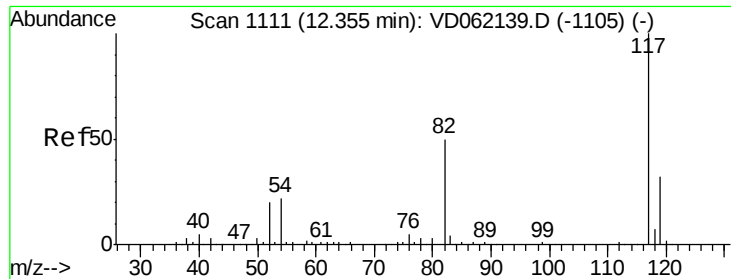
Tot Ion: 98 Resp: 66033
Ion Ratio Lower Upper
98 100
100 59.3 53.8 80.8



#62
4-Bromofluorobenzene
Concen: 39.991 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD062303.D
Acq: 13 May 2019 14:31

Tgt Ion: 95 Resp: 29389
Ion Ratio Lower Upper
95 100
174 104.9 0.0 181.8
176 93.6 0.0 174.4

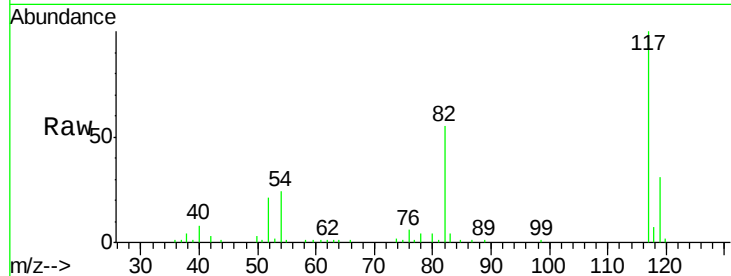




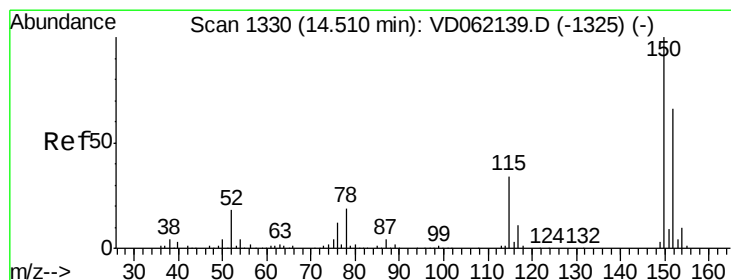
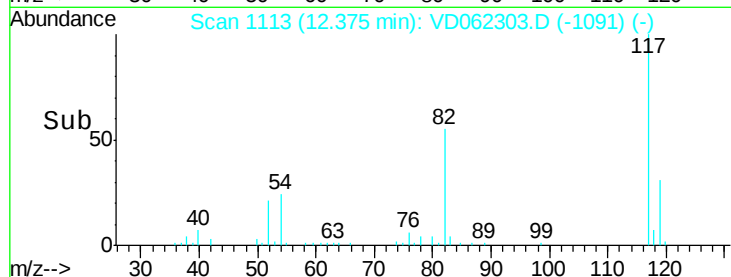
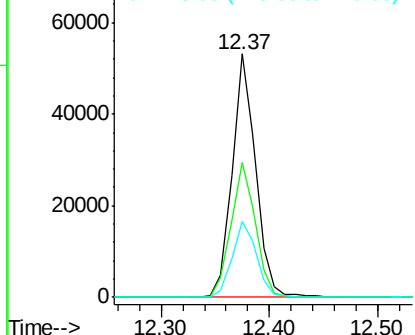
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062303.D
Acq: 13 May 2019 14:31

Instrument :
MSVOA_D
ClientSampleId :
P026-SS007-1824-01RE

Tot Ion:117 Resp: 80217
Ion Ratio Lower Upper
117 100
82 55.3 36.2 54.2#
119 31.0 26.2 39.4

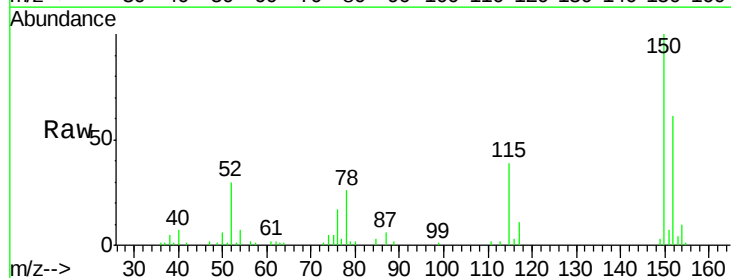


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062303.D
Acq: 13 May 2019 14:31

Tgt Ion:152 Resp: 39758
Ion Ratio Lower Upper
152 100
115 64.4 30.9 92.7
150 163.5 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

