

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
 Data File : VD062814.D
 Acq On : 21 Jun 2019 14:15
 Operator : VA/AP
 Sample : K3329-01
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WASTE

Quant Time: Jun 22 04:44:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	617630	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	805666	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	661981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	329650	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	303236	45.17	ug/l	0.00
Spiked Amount			Recovery	=	90.34%	
35) Dibromofluoromethane	6.94	113	314570	46.31	ug/l	0.01
Spiked Amount			Recovery	=	92.62%	
50) Toluene-d8	10.43	98	633830	42.87	ug/l	0.01
Spiked Amount			Recovery	=	85.74%	
62) 4-Bromofluorobenzene	13.56	95	262181	39.00	ug/l	0.00
Spiked Amount			Recovery	=	78.00%	

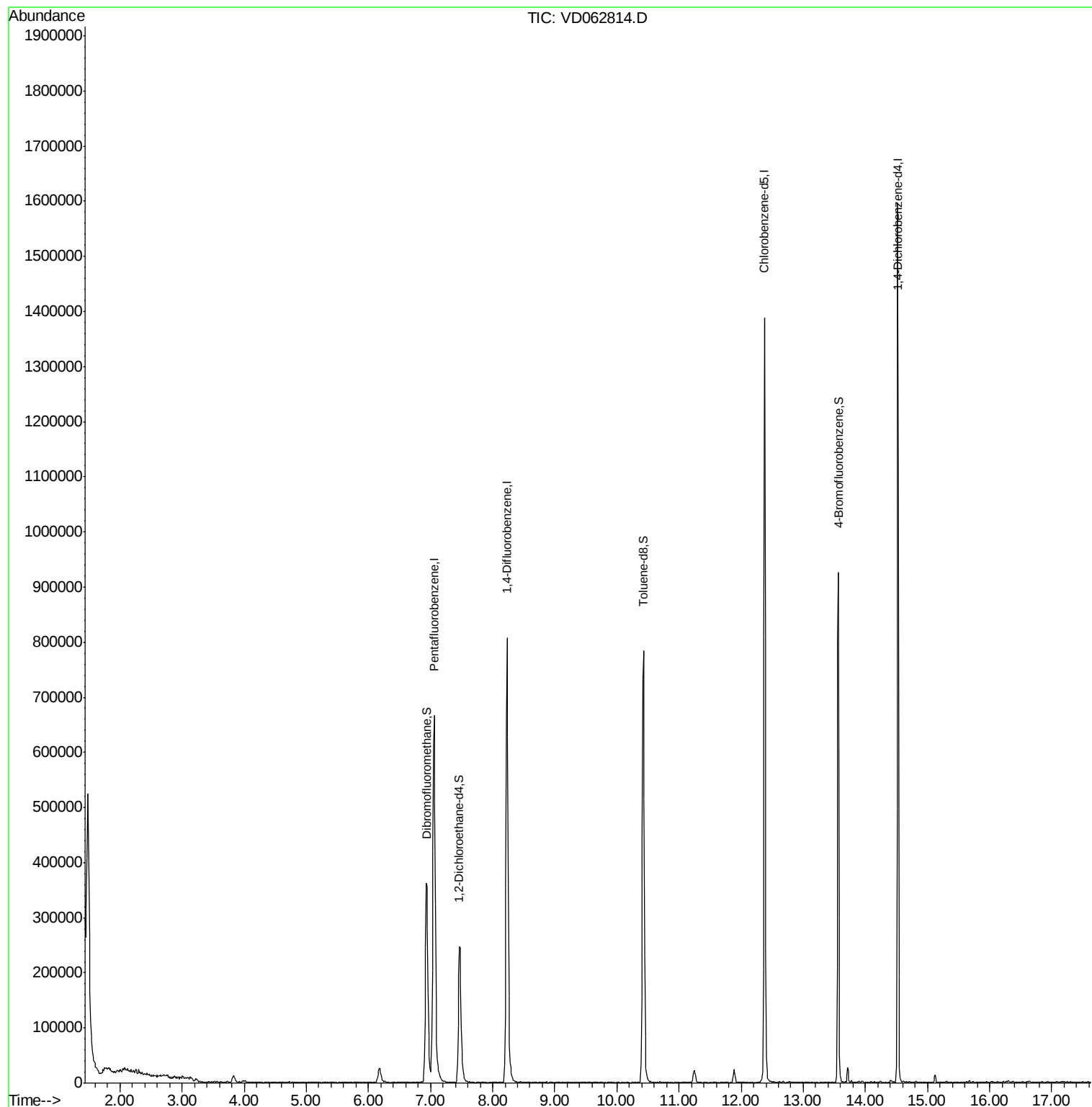
Target Compounds	Qvalue
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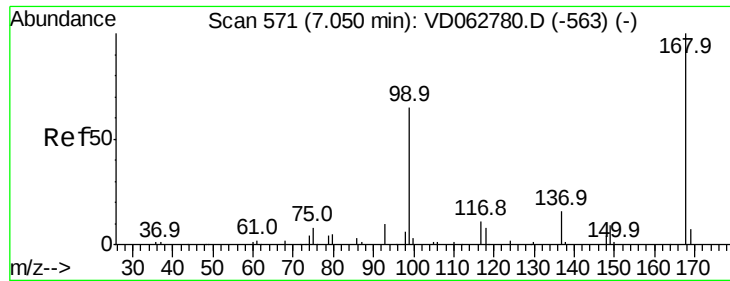
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062814.D

Acq: 21 Jun 2019 14:15

Instrument :

MSVOA_D

ClientSampleId :

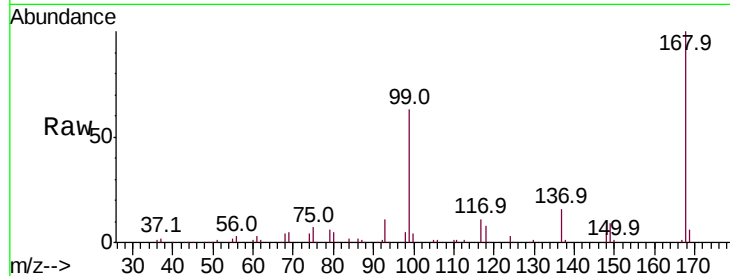
WASTE

Tot Ion:168 Resp: 617630

Ion Ratio Lower Upper

168 100

99 62.7 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

150000

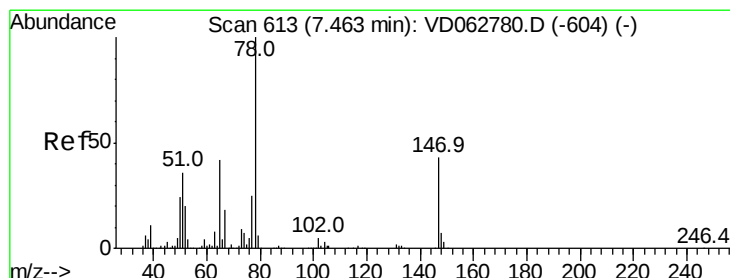
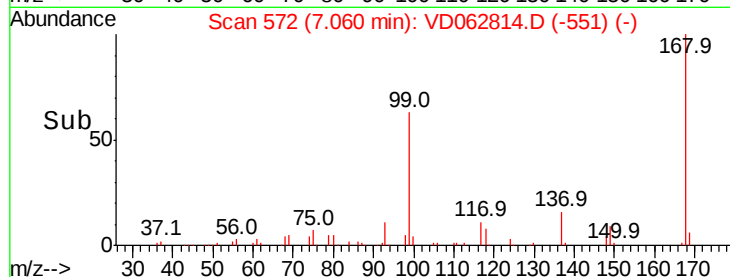
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.168 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.00 min

Lab File: VD062814.D

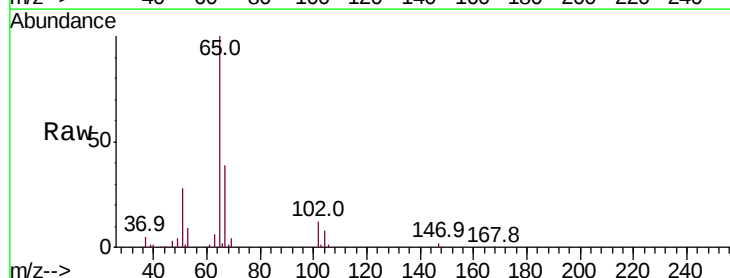
Acq: 21 Jun 2019 14:15

Tgt Ion: 65 Resp: 303236

Ion Ratio Lower Upper

65 100

67 39.3 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

120000

100000

80000

60000

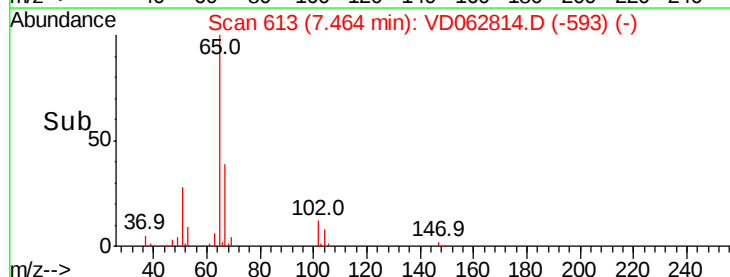
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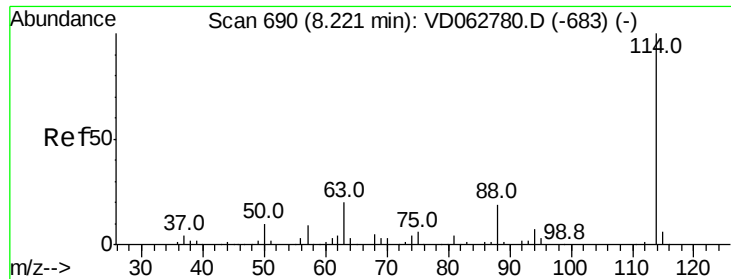
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0

7.30 7.40 7.50 7.60 7.70

Time-->

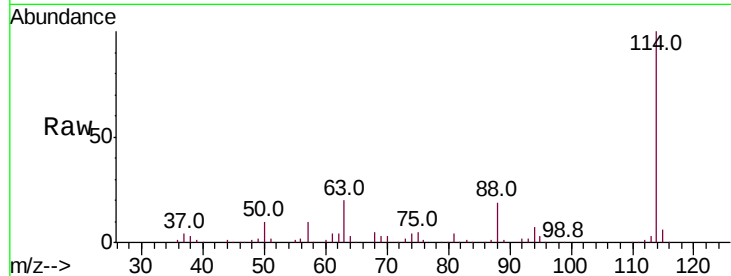




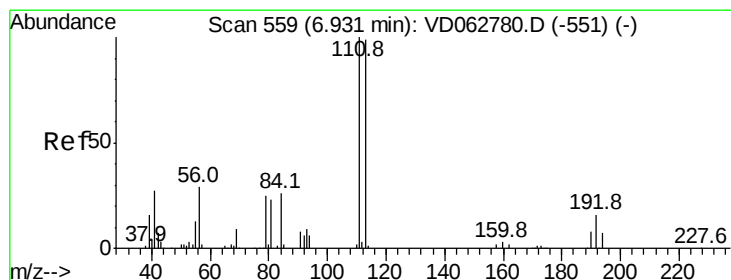
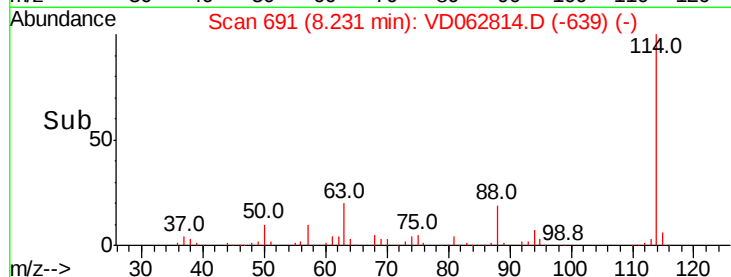
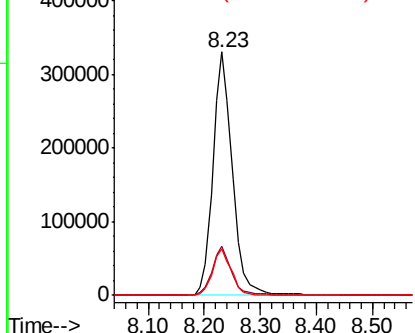
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD062814.D
 Acq: 21 Jun 2019 14:15

Instrument :
 MSVOA_D
 ClientSampleId :
 WASTE

Tot Ion:114 Resp: 805666
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 18.9 0.0 38.8

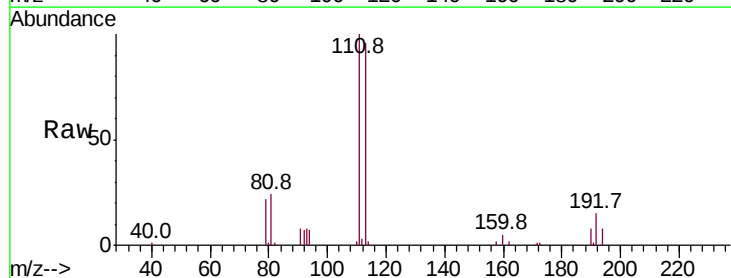


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

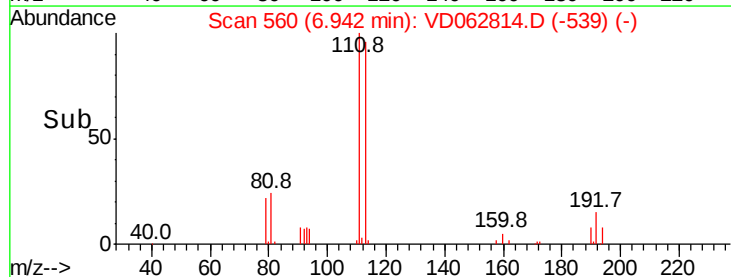
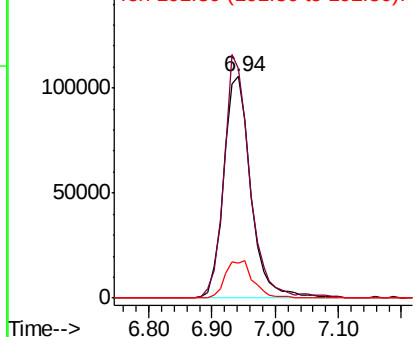


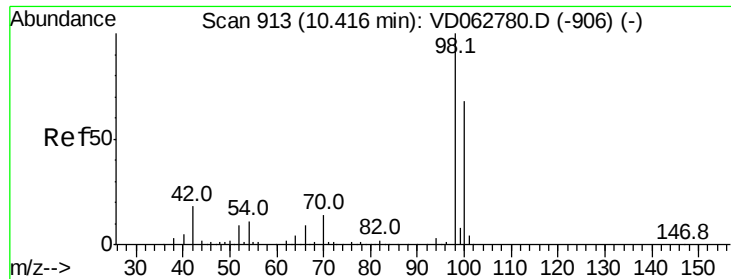
#35
 Dibromofluoromethane
 Concen: 46.306 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD062814.D
 Acq: 21 Jun 2019 14:15

Tgt Ion:113 Resp: 314570
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.2 121.8
 192 15.7 12.9 19.3



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

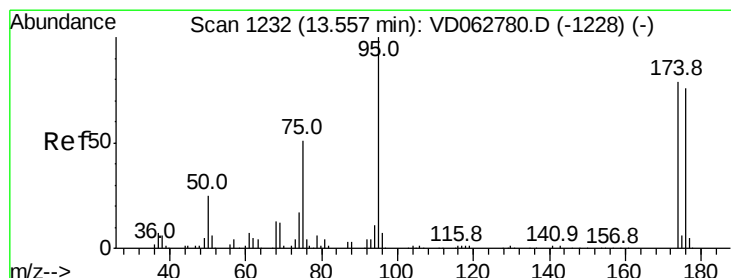
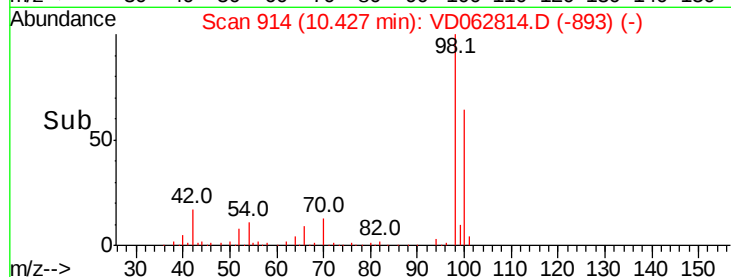
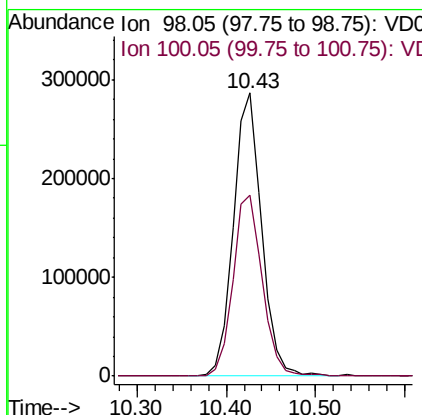
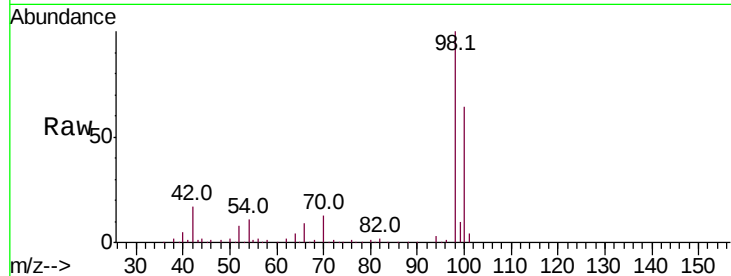




#50
Toluene-d8
Concen: 42.869 ug/l
RT: 10.43 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD062814.D
Acq: 21 Jun 2019 14:15

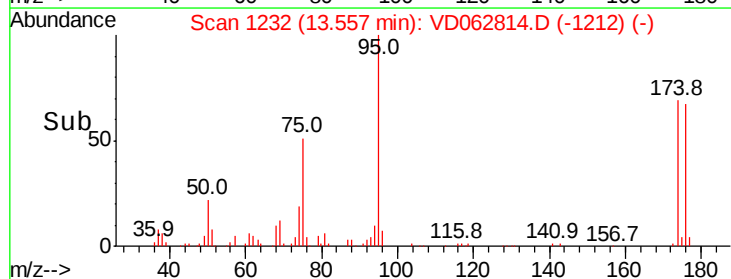
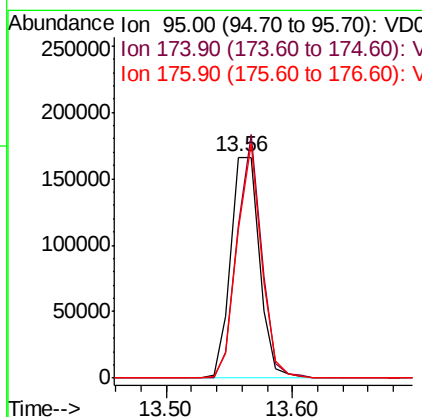
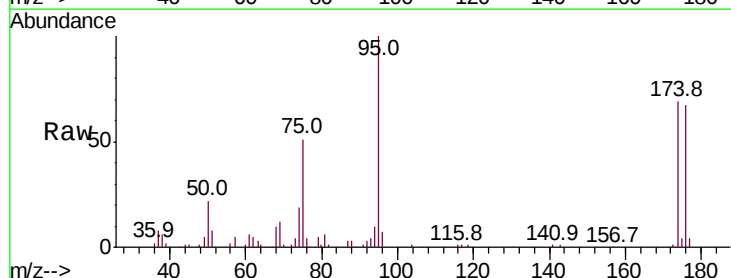
Instrument :
MSVOA_D
ClientSampleId :
WASTE

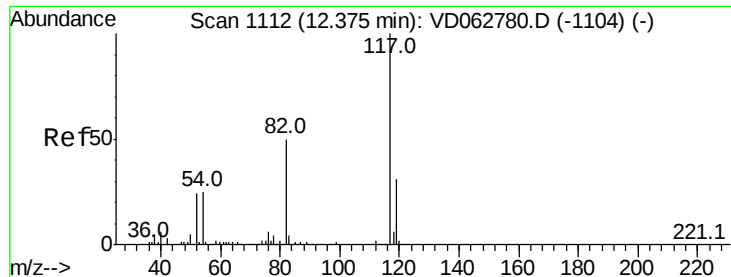
Tot Ion: 98 Resp: 633830
Ion Ratio Lower Upper
98 100
100 64.2 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 38.997 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062814.D
Acq: 21 Jun 2019 14:15

Tgt Ion: 95 Resp: 262181
Ion Ratio Lower Upper
95 100
174 69.4 0.0 158.0
176 67.4 0.0 151.6

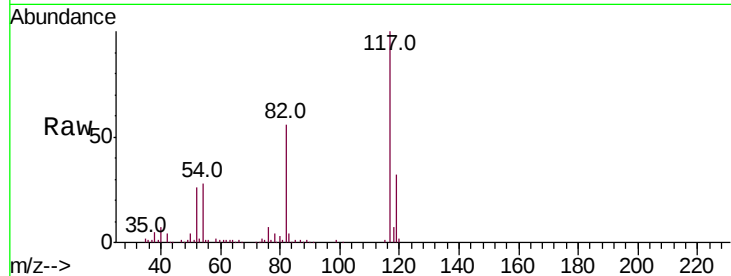




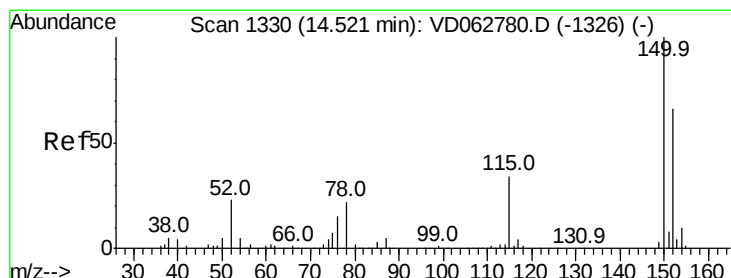
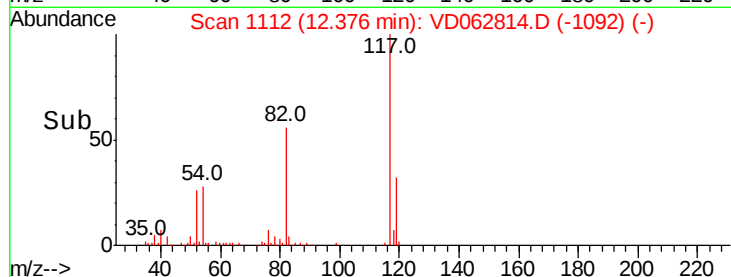
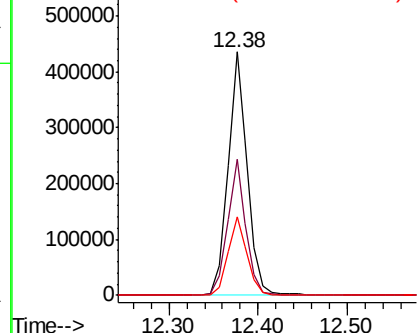
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD062814.D
Acq: 21 Jun 2019 14:15

Instrument :
MSVOA_D
ClientSampleId :
WASTE

Tot Ion:117 Resp: 661981
Ion Ratio Lower Upper
117 100
82 55.8 40.4 60.6
119 32.2 25.2 37.8

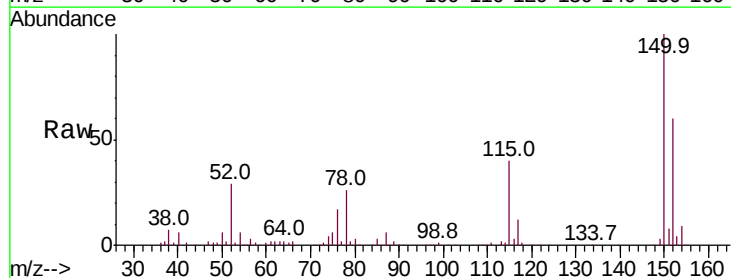


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062814.D
Acq: 21 Jun 2019 14:15

Tgt Ion:152 Resp: 329650
Ion Ratio Lower Upper
152 100
115 66.3 29.2 87.6
150 167.0 0.0 305.8



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

