

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061319\
 Data File : VD062699.D
 Acq On : 13 Jun 2019 17:49
 Operator : VA/AP
 Sample : K3361-03
 Misc : 5.23g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BAT-B15

Quant Time: Jun 14 07:31:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

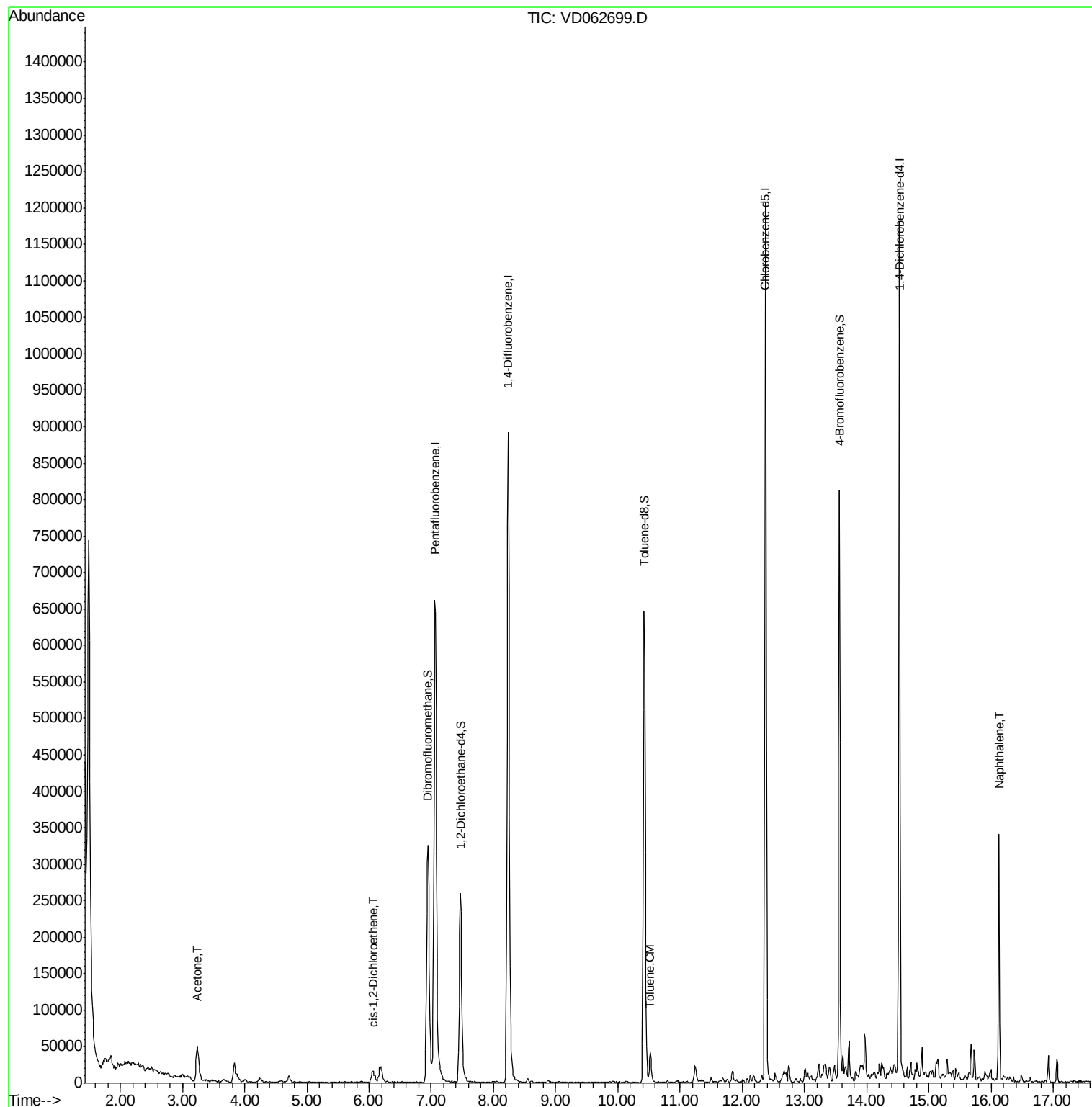
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	626278	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.24	114	908207	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	658204	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	260581	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	301300	33.34	ug/l	0.02
Spiked Amount 50.000			Recovery	=	66.68%	
35) Dibromofluoromethane	6.95	113	296140	30.92	ug/l	0.03
Spiked Amount 50.000			Recovery	=	61.84%	
50) Toluene-d8	10.42	98	523896	26.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.00%	
62) 4-Bromofluorobenzene	13.56	95	211008	22.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	44.90%	
Target Compounds						
16) Acetone	3.24	43	110973	67.059	ug/l	98
27) cis-1,2-Dichloroethene	6.06	96	10569	1.606	ug/l	69
52) Toluene	10.53	92	17188	1.260	ug/l	78
95) Naphthalene	16.13	128	203764	23.513	ug/l	96

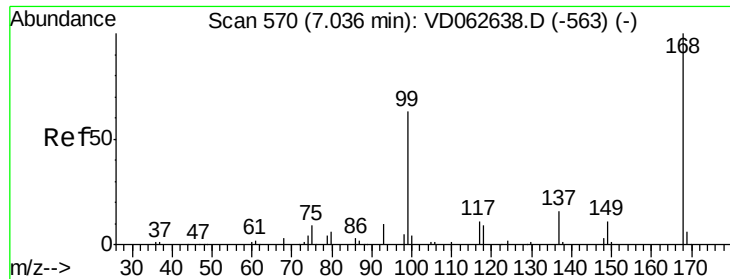
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061319\
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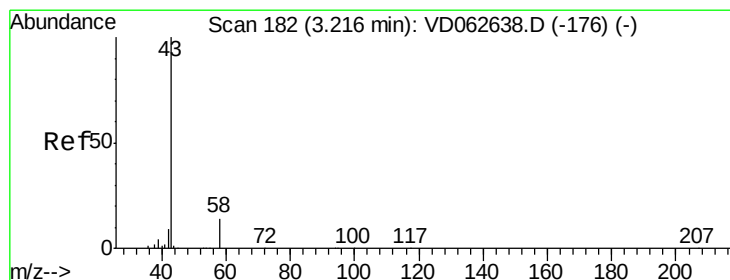
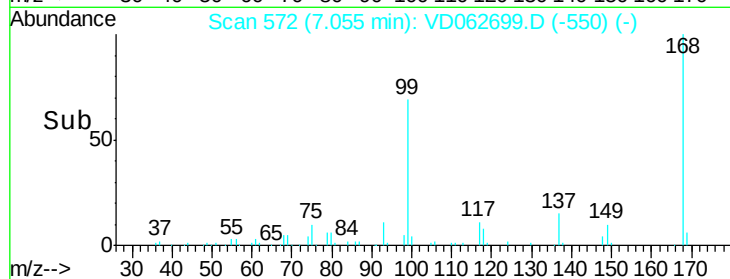
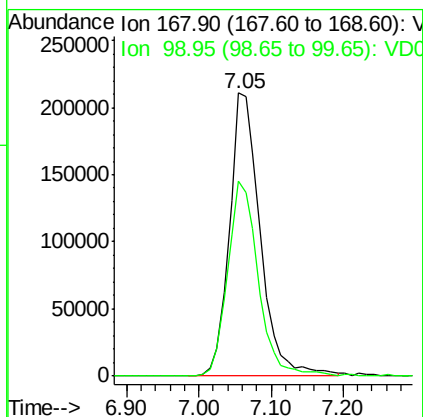
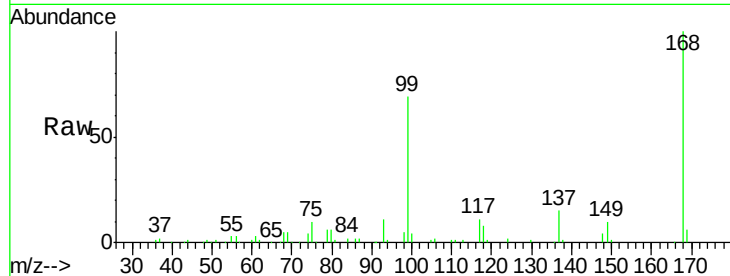




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.02 min
Lab File: VD062699.D
Acq: 13 Jun 2019 17:49

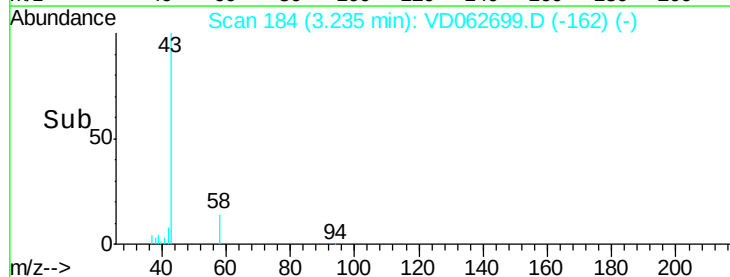
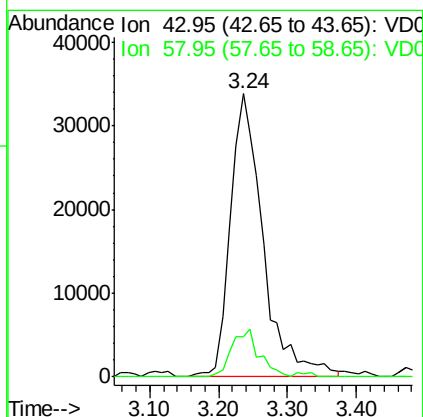
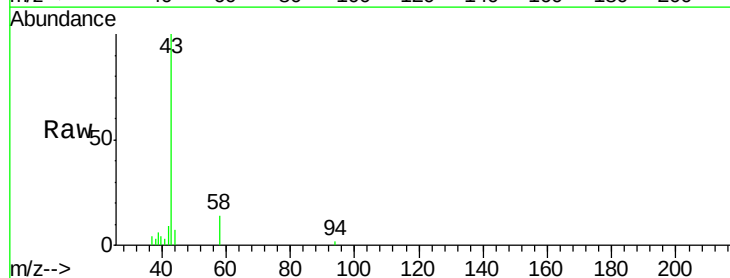
Instrument :
MSVOA_D
ClientSampleId :
BAT-B15

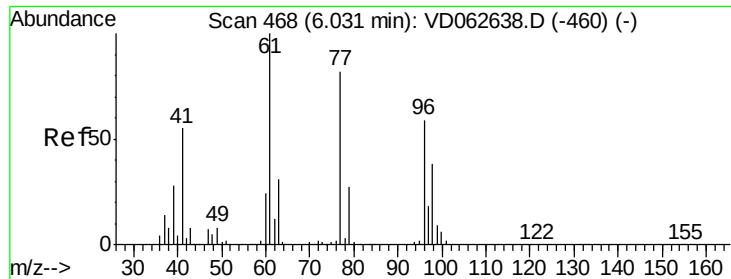
Tot Ion:168 Resp: 626278
Ion Ratio Lower Upper
168 100
99 68.9 51.4 77.2



#16
Acetone
Concen: 67.059 ug/l
RT: 3.24 min Scan# 184
Delta R.T. 0.02 min
Lab File: VD062699.D
Acq: 13 Jun 2019 17:49

Tgt Ion: 43 Resp: 110973
Ion Ratio Lower Upper
43 100
58 14.3 10.8 16.2



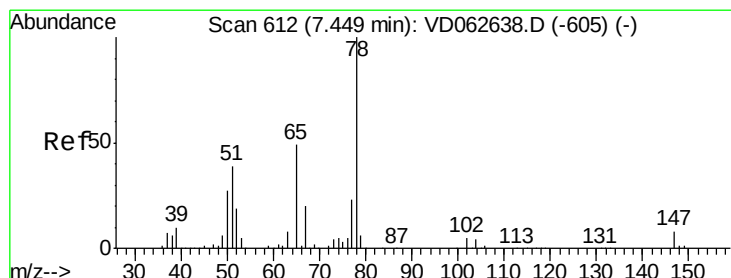
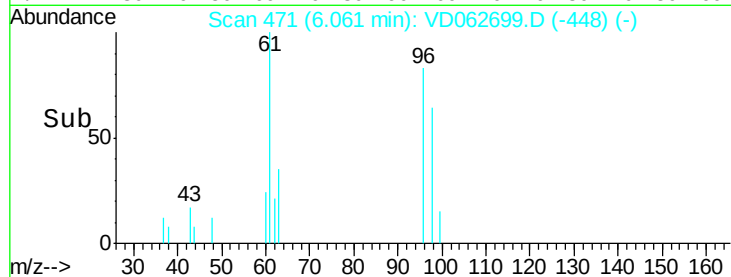
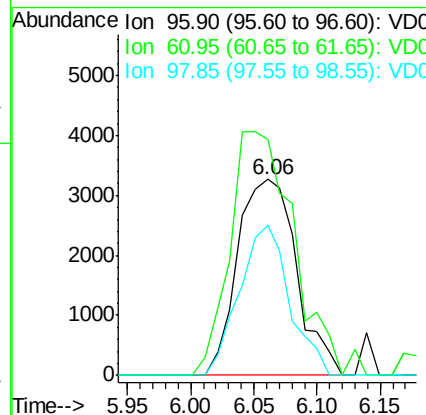
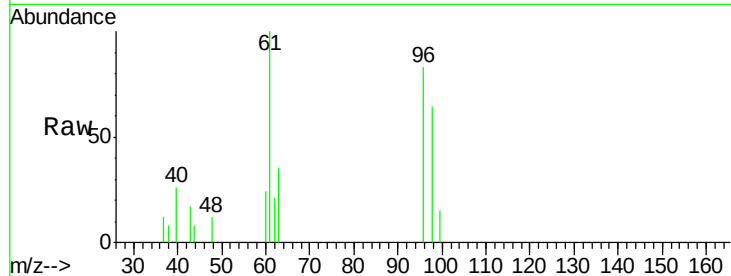


#27

cis-1,2-Dichloroethene
 Concen: 1.606 ug/l
 RT: 6.06 min Scan# 471
 Delta R.T. 0.03 min
 Lab File: VD062699.D
 Acq: 13 Jun 2019 17:49

Instrument :
 MSVOA_D
 ClientSampleId :
 BAT-B15

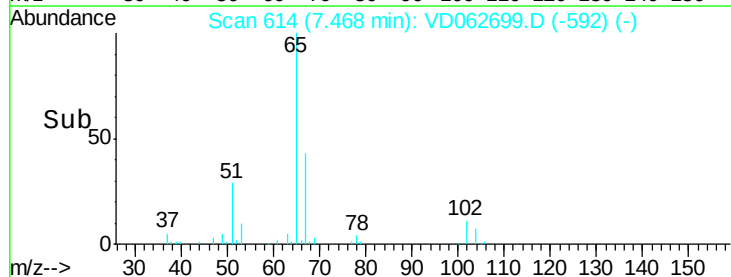
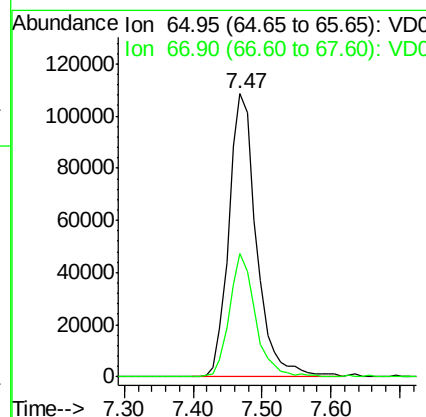
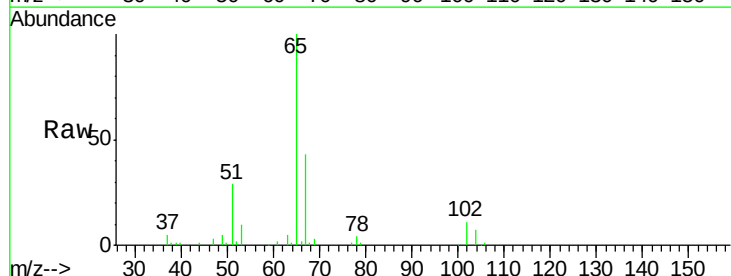
Tot Ion: 96 Resp: 10569
 Ion Ratio Lower Upper
 96 100
 61 120.5 0.0 340.0
 98 76.9 0.0 127.6

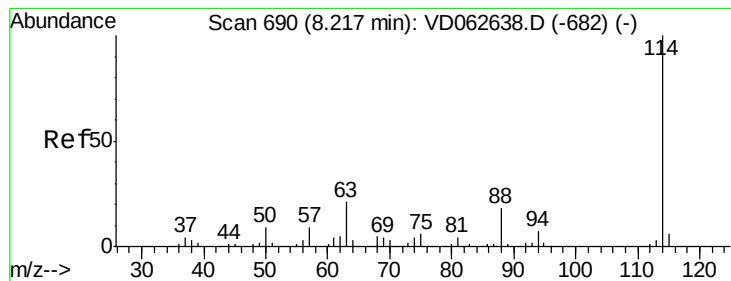


#33

1,2-Dichloroethane-d4
 Concen: 33.340 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.02 min
 Lab File: VD062699.D
 Acq: 13 Jun 2019 17:49

Tgt Ion: 65 Resp: 301300
 Ion Ratio Lower Upper
 65 100
 67 43.4 0.0 81.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 692

Delta R.T. 0.02 min

Lab File: VD062699.D

Acq: 13 Jun 2019 17:49

Instrument :

MSVOA_D

ClientSampleId :

BAT-B15

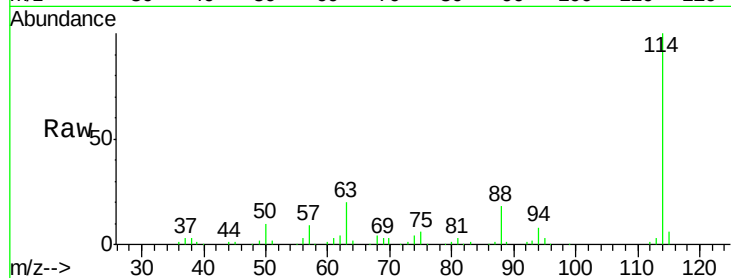
Tot Ion:114 Resp: 908207

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

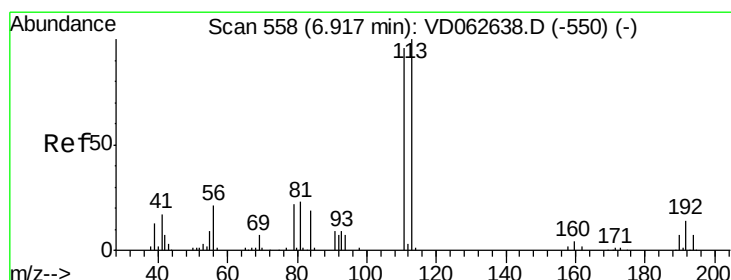
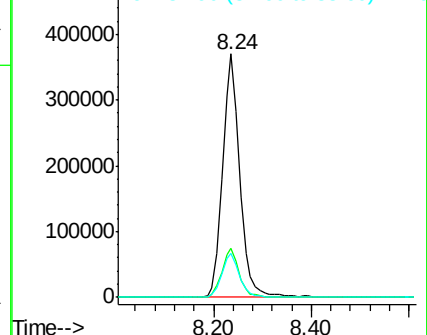
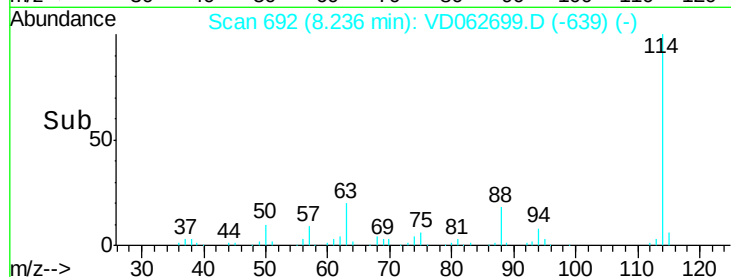
88 17.9 0.0 36.8



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: 30.918 ug/l

RT: 6.95 min Scan# 561

Delta R.T. 0.03 min

Lab File: VD062699.D

Acq: 13 Jun 2019 17:49

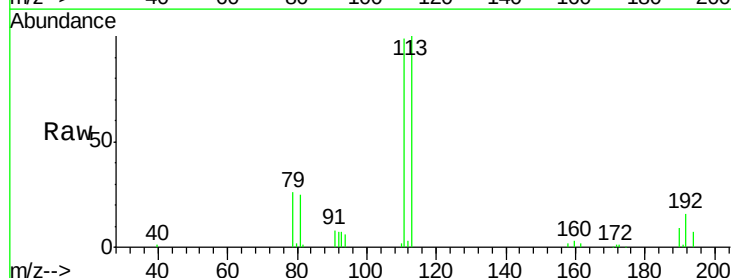
Tgt Ion:113 Resp: 296140

Ion Ratio Lower Upper

113 100

111 98.7 76.4 114.6

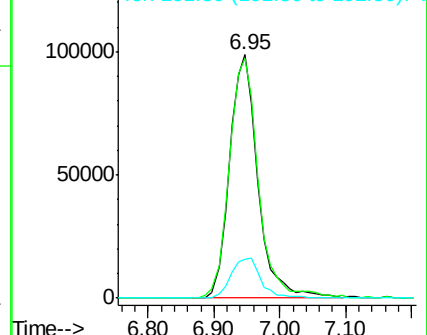
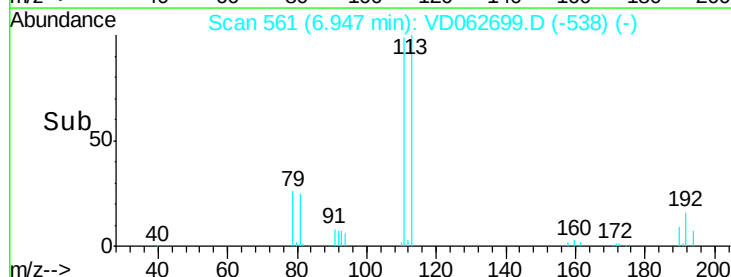
192 15.9 11.4 17.0

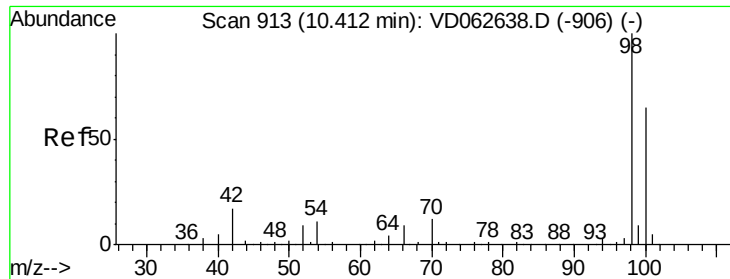


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

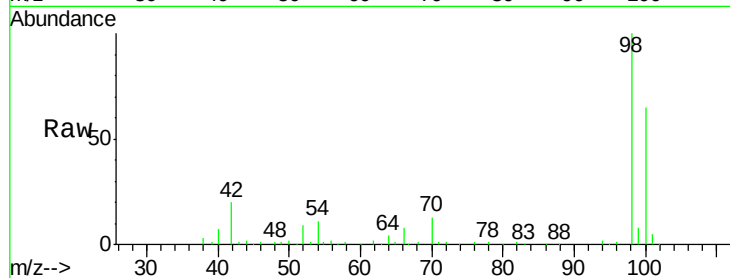




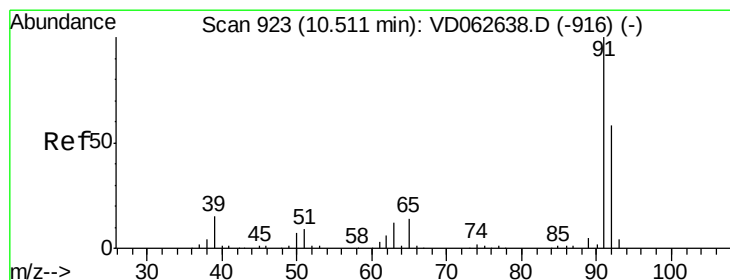
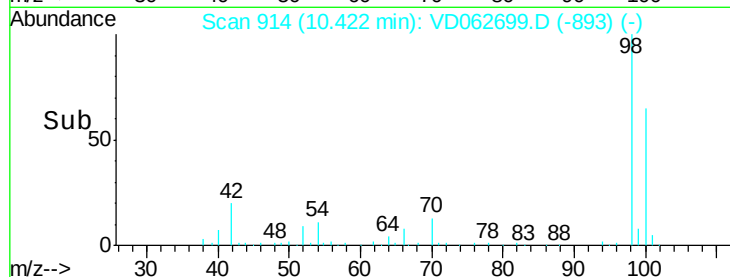
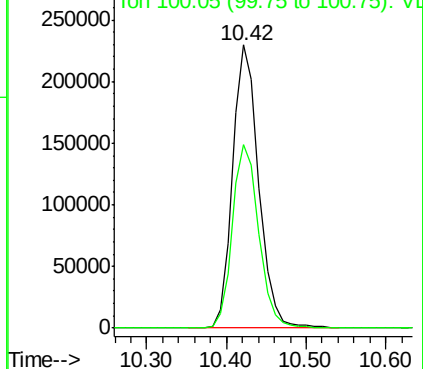
#50
Toluene-d8
Concen: 26.001 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD062699.D
Acq: 13 Jun 2019 17:49

Instrument :
MSVOA_D
ClientSampleId :
BAT-B15

Tot Ion: 98 Resp: 523896
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1

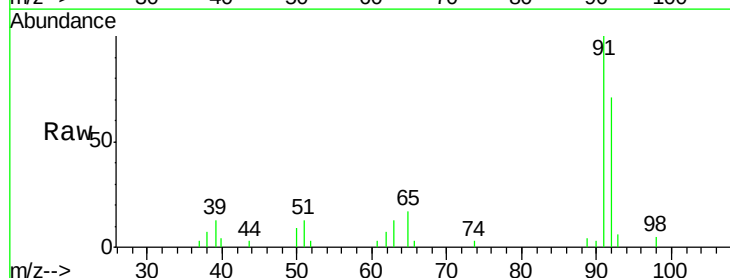


Abundance Ion 98.05 (97.75 to 98.75): VD062638.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD062638.D (-906) (-)

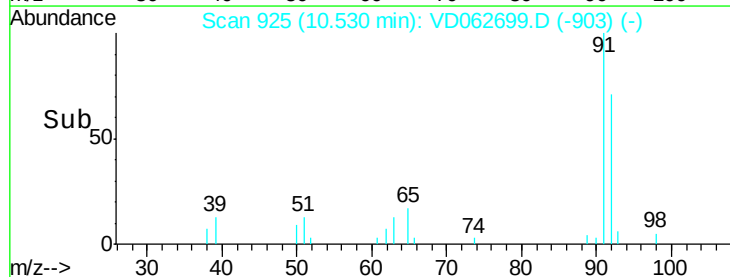
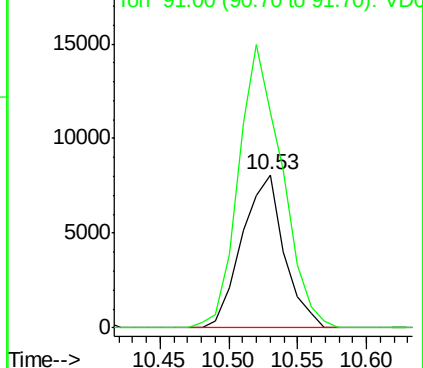


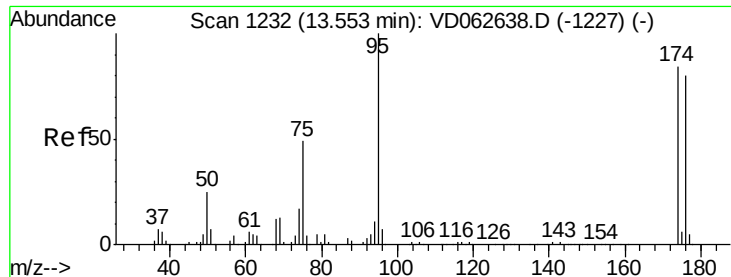
#52
Toluene
Concen: 1.260 ug/l
RT: 10.53 min Scan# 925
Delta R.T. 0.02 min
Lab File: VD062699.D
Acq: 13 Jun 2019 17:49

Tgt Ion: 92 Resp: 17188
Ion Ratio Lower Upper
92 100
91 141.0 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VD062638.D (-916) (-)
Ion 91.00 (90.70 to 91.70): VD062638.D (-916) (-)

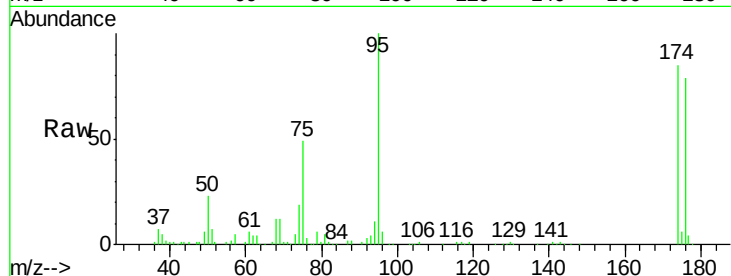




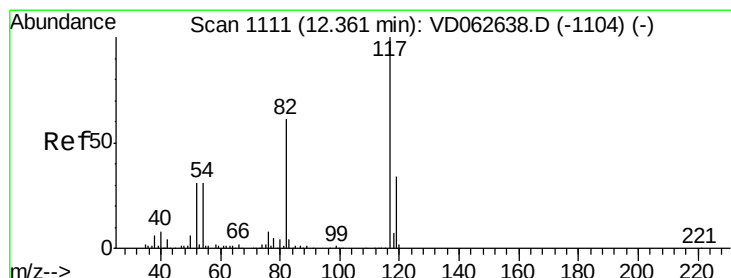
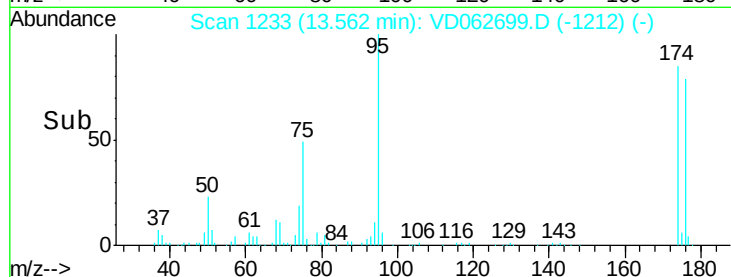
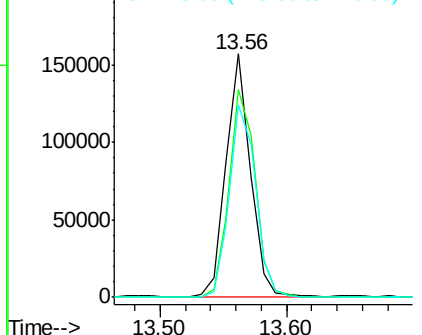
#62
4-Bromofluorobenzene
Concen: 22.447 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062699.D
Acq: 13 Jun 2019 17:49

Instrument :
MSVOA_D
ClientSampled :
BAT-B15

Tot Ion: 95 Resp: 211008
Ion Ratio Lower Upper
95 100
174 85.5 0.0 167.0
176 78.8 0.0 159.2

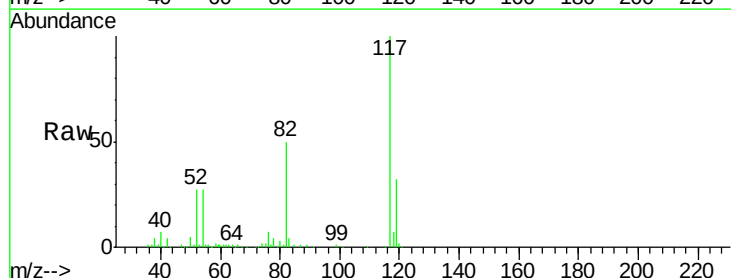


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

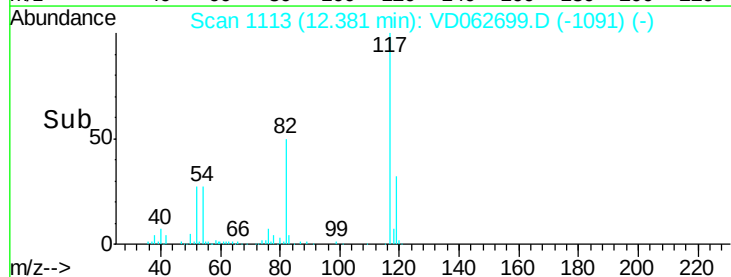
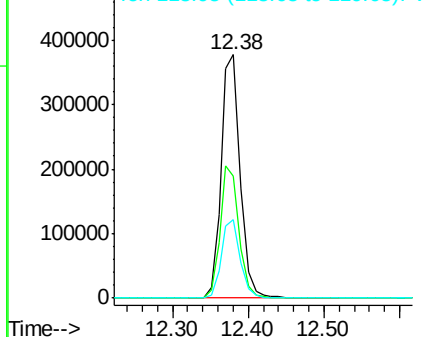


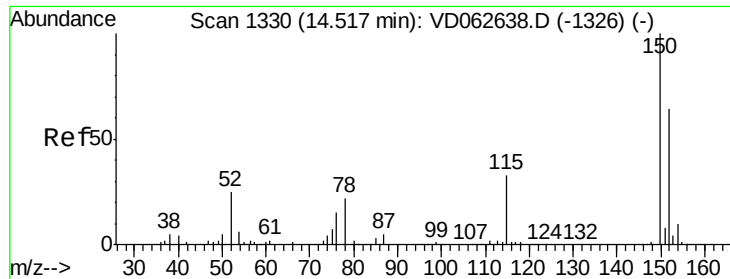
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062699.D
Acq: 13 Jun 2019 17:49

Tgt Ion: 117 Resp: 658204
Ion Ratio Lower Upper
117 100
82 50.4 48.7 73.1
119 32.4 27.0 40.6



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

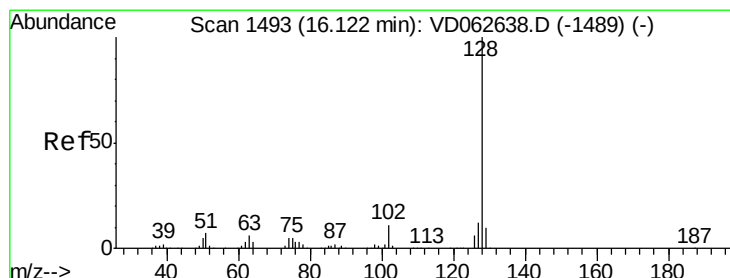
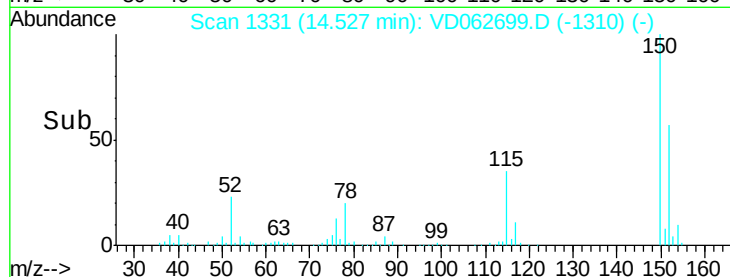
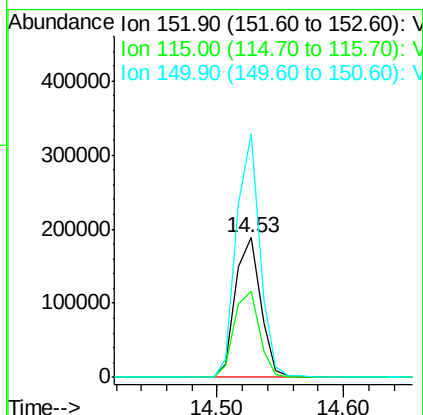
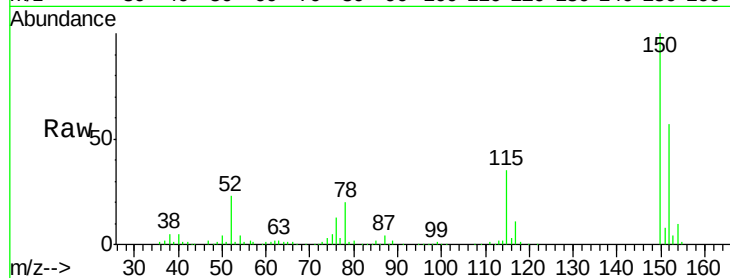




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD062699.D
 Acq: 13 Jun 2019 17:49

Instrument :
 MSVOA_D
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 BAT-B15

Tot Ion:152 Resp: 260581
 Ion Ratio Lower Upper
 152 100
 115 61.6 30.1 90.5
 150 174.4 0.0 314.0



#95
 Naphthalene
 Concen: 23.513 ug/l
 RT: 16.13 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: VD062699.D
 Acq: 13 Jun 2019 17:49

Tgt Ion:128 Resp: 203764
 Ion Ratio Lower Upper
 128 100
 127 14.3 9.7 14.5
 129 11.0 8.1 12.1

