

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
 Data File : VD062822.D
 Acq On : 21 Jun 2019 17:53
 Operator : VA/AP
 Sample : K3470-09RE
 Misc : 5.95g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-6RE

Quant Time: Jun 22 04:58:17 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

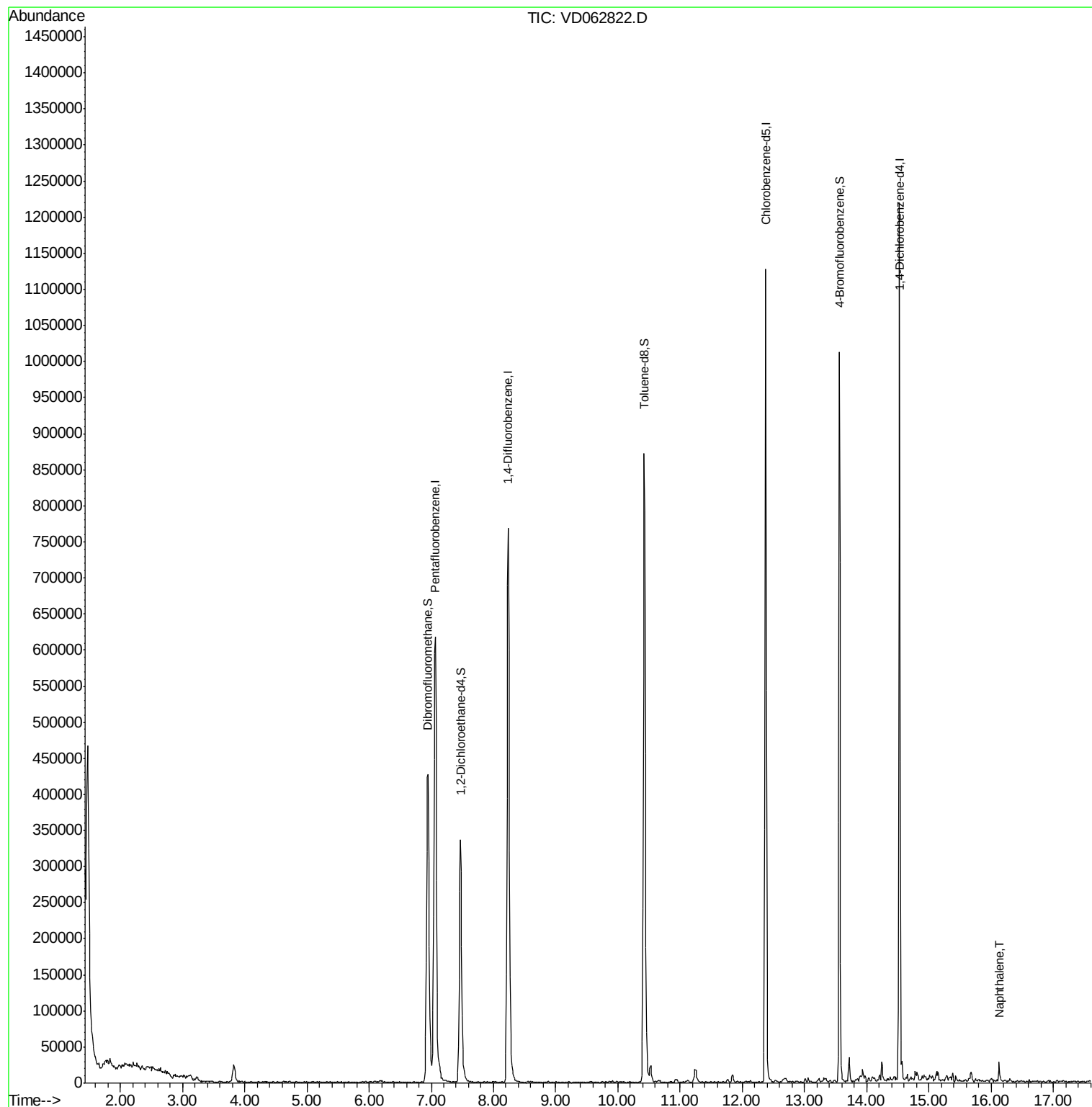
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	601699	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.24	114	808798	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	612816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	246743	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	383386	58.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.24%	
35) Dibromofluoromethane	6.95	113	377375	55.34	ug/l	0.01
Spiked Amount 50.000			Recovery	=	110.68%	
50) Toluene-d8	10.42	98	676971	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
62) 4-Bromofluorobenzene	13.56	95	265659	39.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.72%	
Target Compounds						
95) Naphthalene	16.13	128	15144	2.119	ug/l #	Qvalue 91

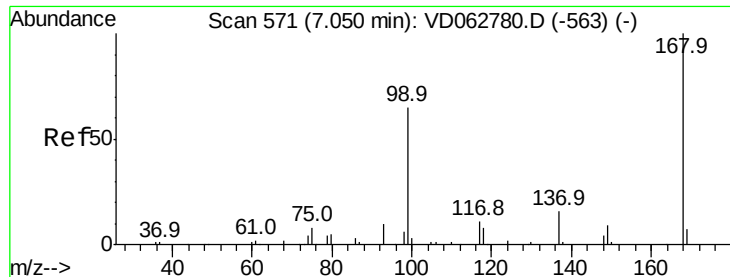
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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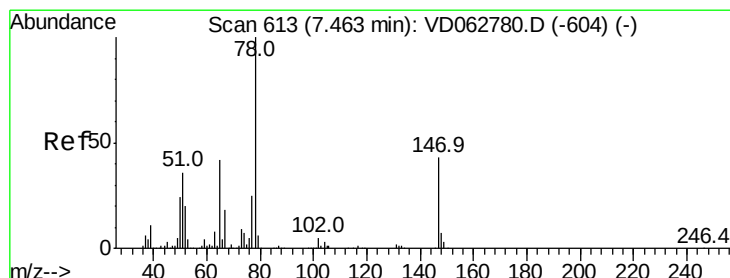
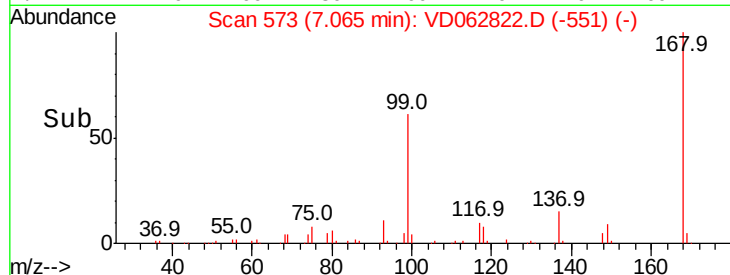
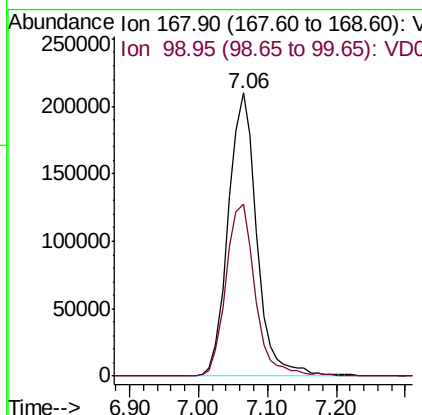
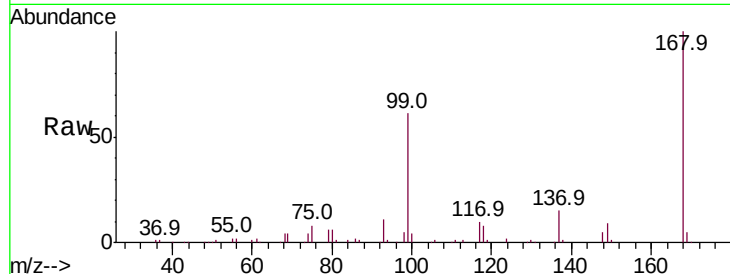




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.01 min
Lab File: VD062822.D
Acq: 21 Jun 2019 17:53

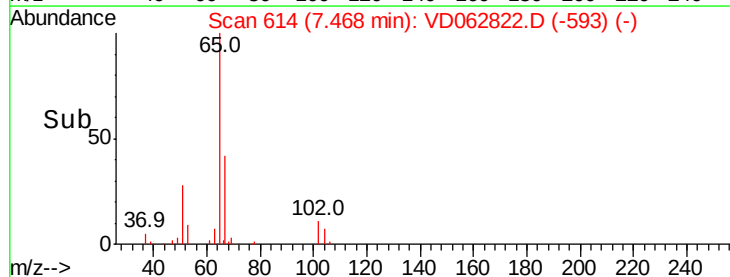
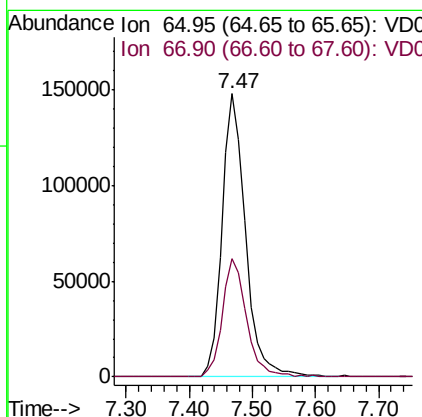
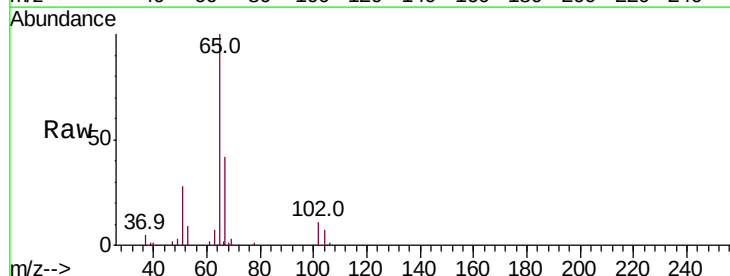
Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-6RE

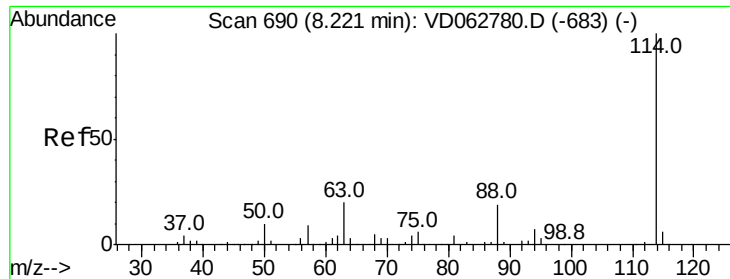
Tot Ion:168 Resp: 601699
Ion Ratio Lower Upper
168 100
99 60.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 58.618 ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.01 min
Lab File: VD062822.D
Acq: 21 Jun 2019 17:53

Tgt Ion: 65 Resp: 383386
Ion Ratio Lower Upper
65 100
67 41.6 0.0 87.4

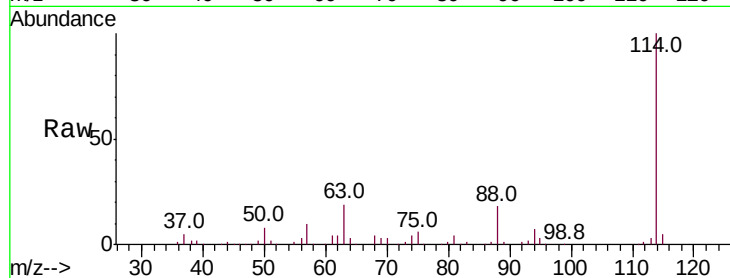




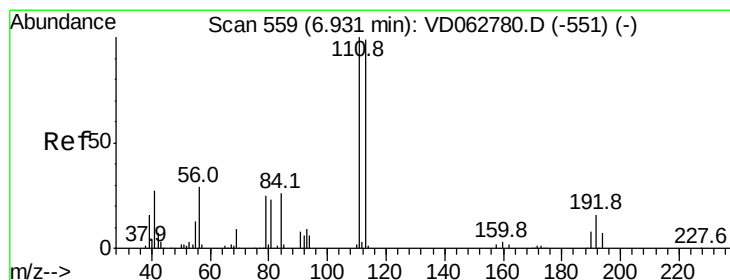
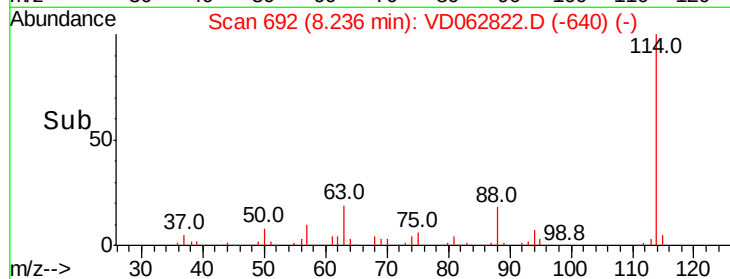
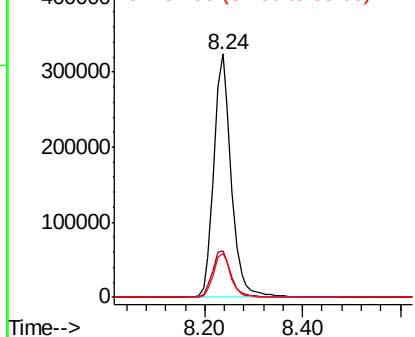
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: VD062822.D
 Acq: 21 Jun 2019 17:53

Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-6RE

Tot Ion:114 Resp: 808798
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.0
 88 17.9 0.0 38.8

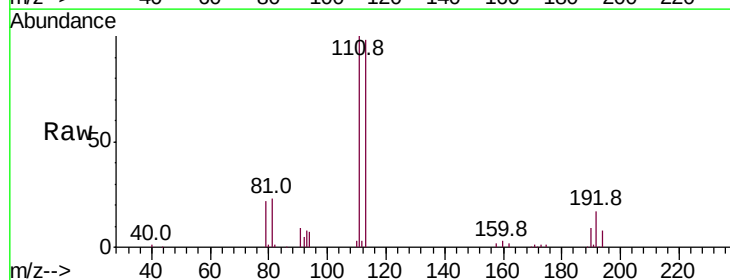


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

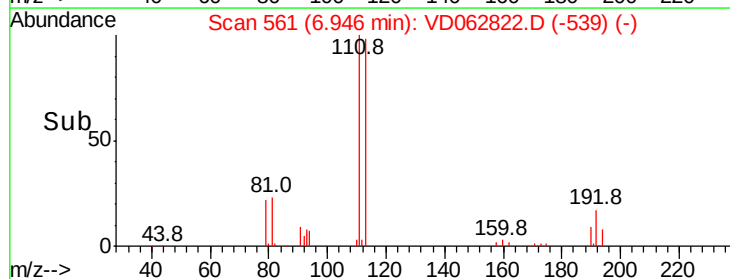
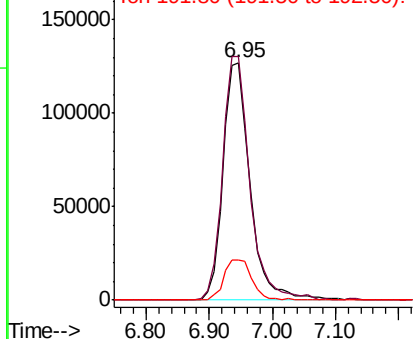


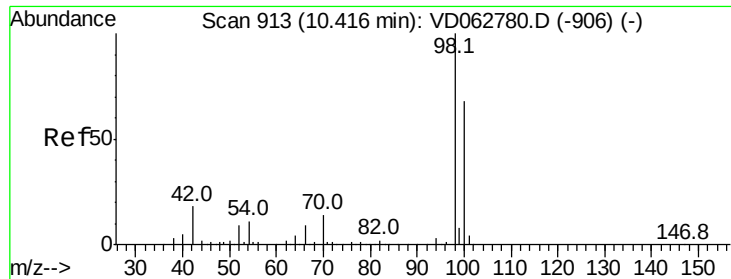
#35
 Dibromofluoromethane
 Concen: 55.336 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: VD062822.D
 Acq: 21 Jun 2019 17:53

Tgt Ion:113 Resp: 377375
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.2 121.8
 192 17.1 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

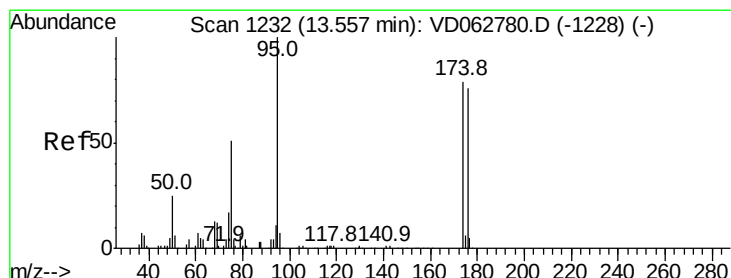
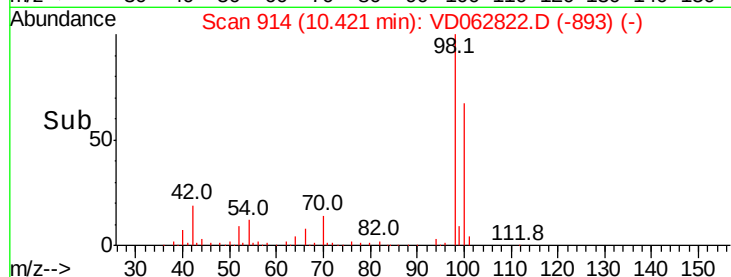
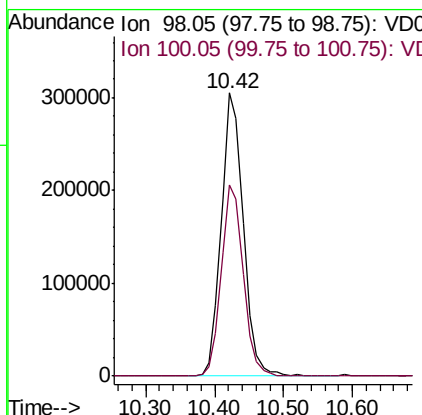
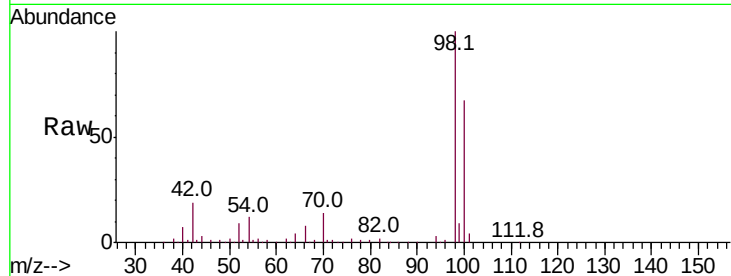




#50
Toluene-d8
Concen: 45.609 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD062822.D
Acq: 21 Jun 2019 17:53

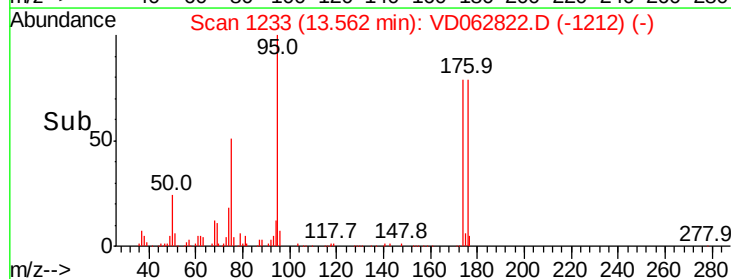
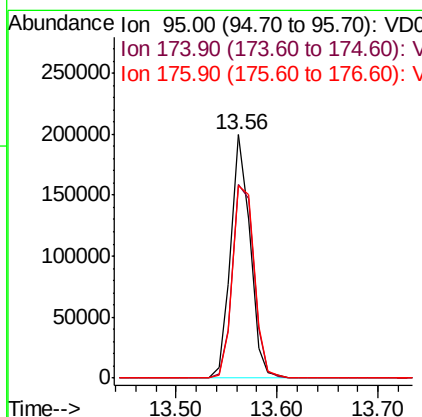
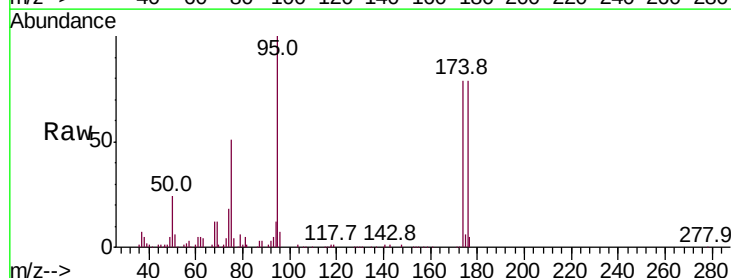
Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-6RE

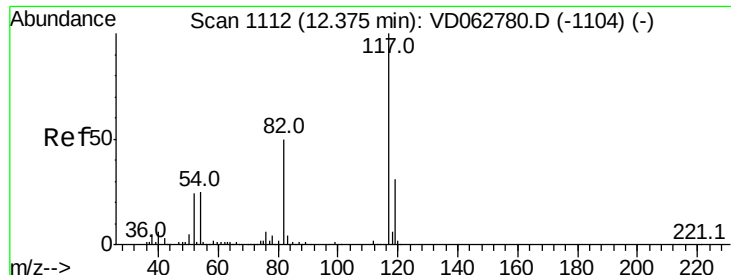
Tot Ion: 98 Resp: 676971
Ion Ratio Lower Upper
98 100
100 67.3 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 39.362 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062822.D
Acq: 21 Jun 2019 17:53

Tgt Ion: 95 Resp: 265659
Ion Ratio Lower Upper
95 100
174 79.3 0.0 158.0
176 79.3 0.0 151.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.38 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VD062822.D

Acq: 21 Jun 2019 17:53

Instrument :

MSVOA_D

ClientSampleId :

SAMPLE-6RE

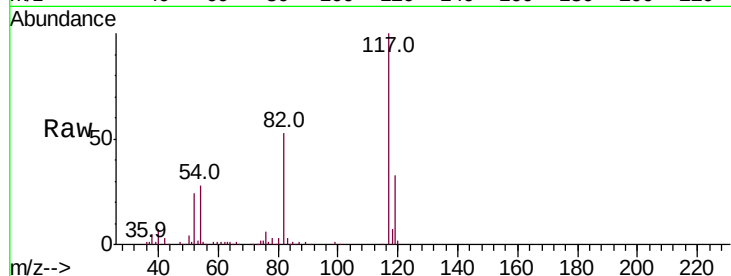
Tot Ion:117 Resp: 612816

Ion Ratio Lower Upper

117 100

82 52.9 40.4 60.6

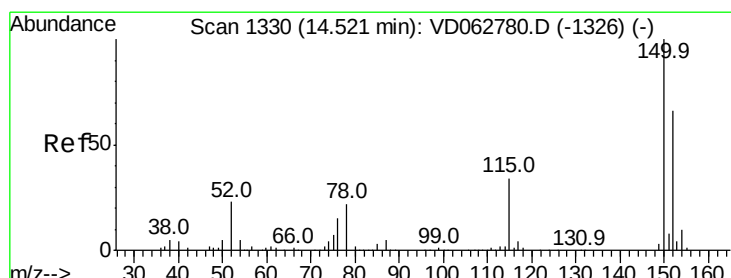
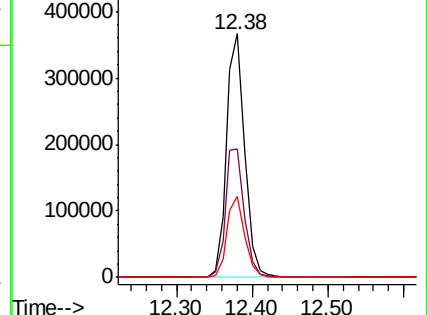
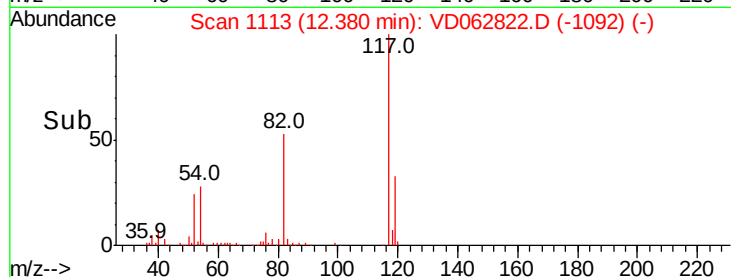
119 33.3 25.2 37.8



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: 14.53 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD062822.D

Acq: 21 Jun 2019 17:53

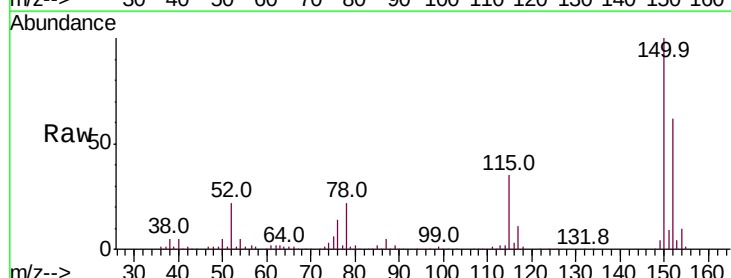
Tgt Ion:152 Resp: 246743

Ion Ratio Lower Upper

152 100

115 56.1 29.2 87.6

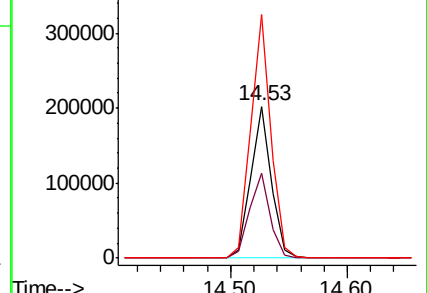
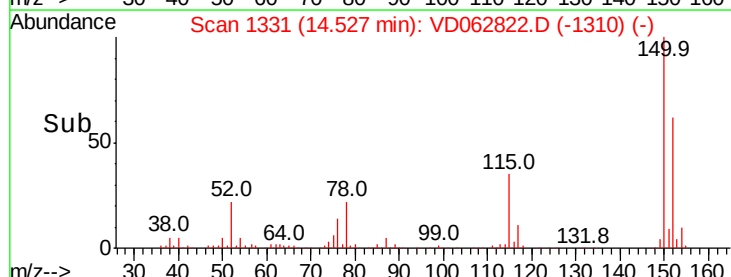
150 160.5 0.0 305.8

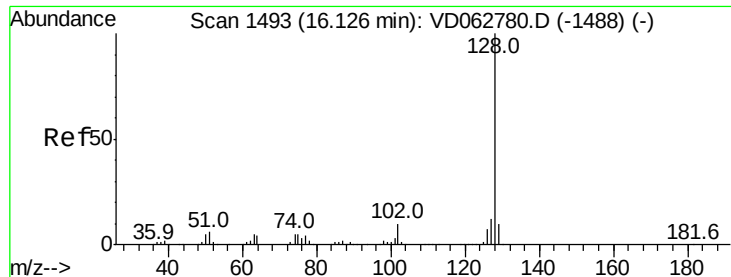


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 2.119 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VD062822.D

Acq: 21 Jun 2019 17:53

Instrument :

MSVOA_D

ClientSampleId :

SAMPLE-6RE

Tot Ion:128 Resp: 15144

Ion Ratio Lower Upper

128 100

127 18.5 9.7 14.5#

129 10.0 8.3 12.5

