

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032219\
 Data File : VD061258.D
 Acq On : 22 Mar 2019 14:00
 Operator : VA/AP
 Sample : K2010-01
 Misc : 5.48g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Mar 23 00:20:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

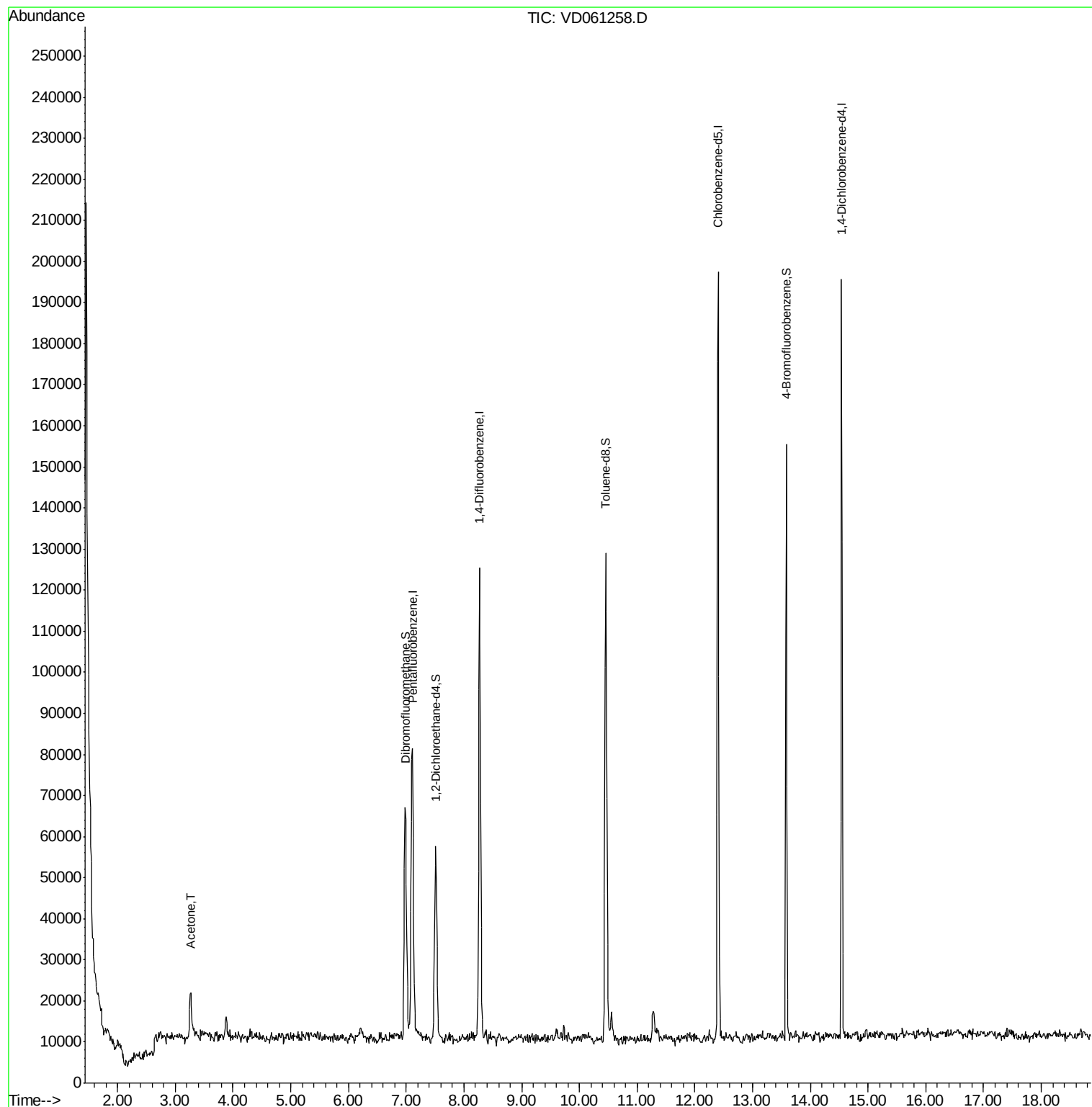
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.11	168	78300	50.00	ug/l	0.06
34) 1,4-Difluorobenzene	8.27	114	139165	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.40	117	119945	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	14.54	152	41830	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.51	65	47676	73.15	ug/l	0.06
Spiked Amount 50.000			Recovery	=	146.30%	
35) Dibromofluoromethane	6.98	113	56769	54.97	ug/l	0.05
Spiked Amount 50.000			Recovery	=	109.94%	
50) Toluene-d8	10.45	98	109636	42.27	ug/l	0.05
Spiked Amount 50.000			Recovery	=	84.54%	
62) 4-Bromofluorobenzene	13.58	95	46033	45.74	ug/l	0.03
Spiked Amount 50.000			Recovery	=	91.48%	
Target Compounds						
16) Acetone	3.26	43	21600	115.895	ug/l	Qvalue 97

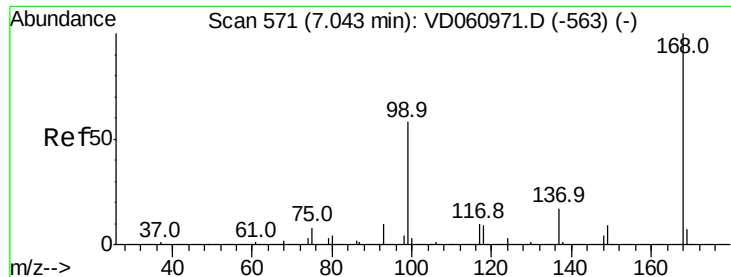
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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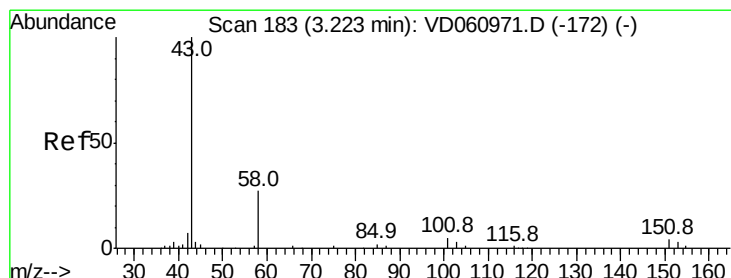
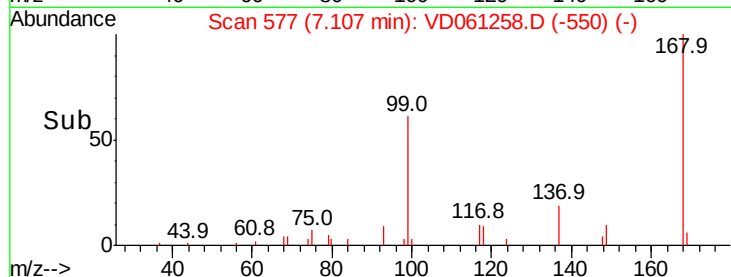
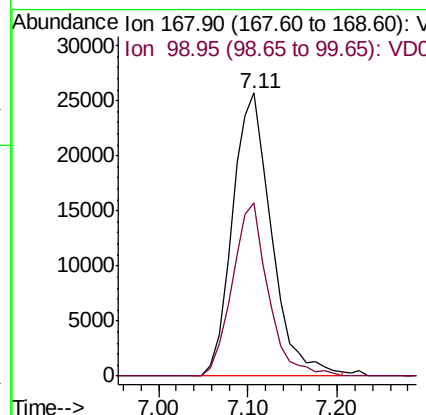
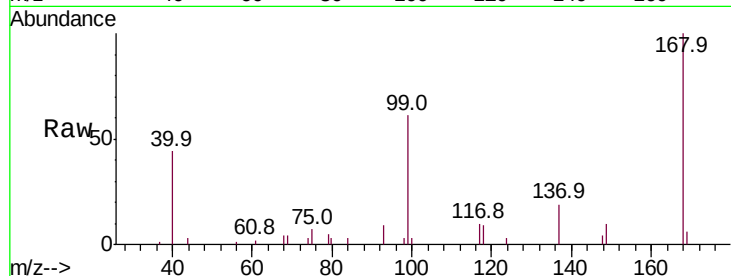




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.11 min Scan# 577
Delta R.T. 0.06 min
Lab File: VD061258.D
Acq: 22 Mar 2019 14:00

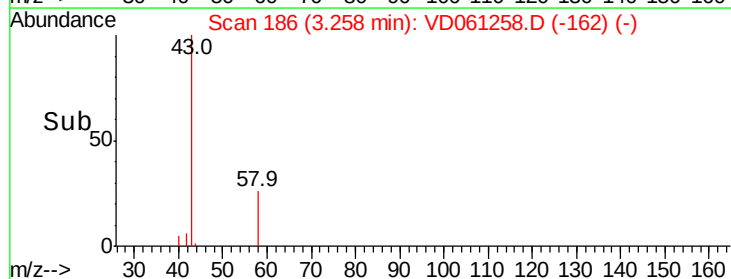
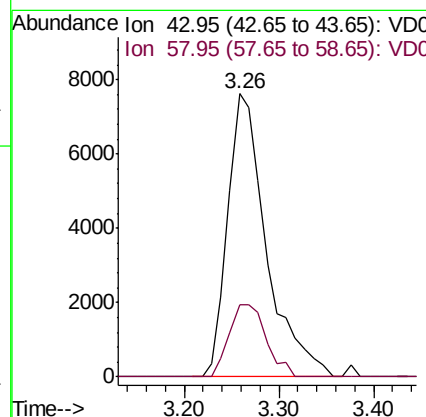
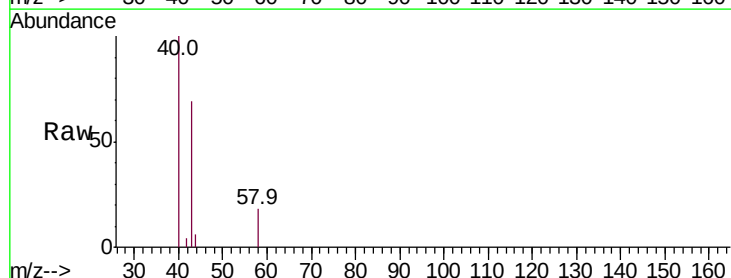
Instrument :
MSVOA_D
ClientSampleId :
TP-1

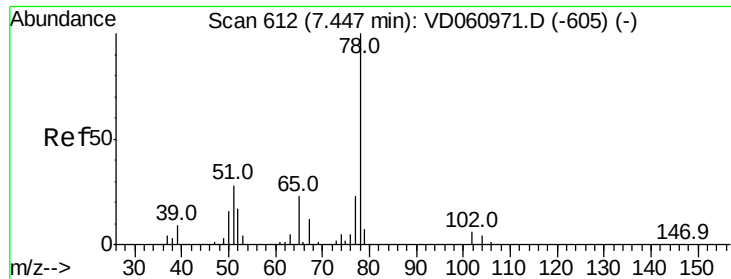
Tot Ion:168 Resp: 78300
Ion Ratio Lower Upper
168 100
99 61.3 47.3 70.9



#16
Acetone
Concen: 115.895 ug/l
RT: 3.26 min Scan# 186
Delta R.T. 0.03 min
Lab File: VD061258.D
Acq: 22 Mar 2019 14:00

Tgt Ion: 43 Resp: 21600
Ion Ratio Lower Upper
43 100
58 25.6 21.6 32.4





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.51 min Scan# 618

Delta R.T. 0.06 min

Lab File: VD061258.D

Acq: 22 Mar 2019 14:00

Instrument :

MSVOA_D

ClientSampleId :

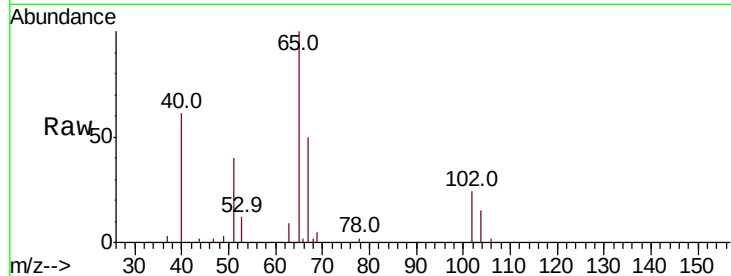
TP-1

Tot Ion: 65 Resp: 47676

Ion Ratio Lower Upper

65 100

67 49.5 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

20000

15000

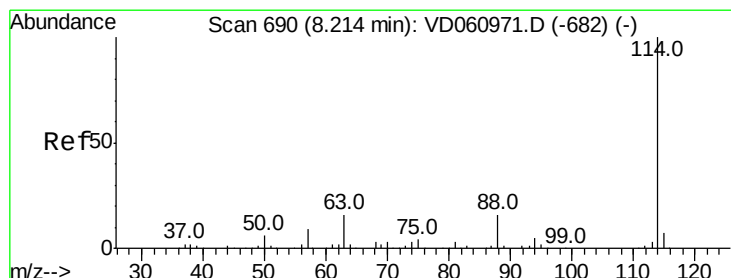
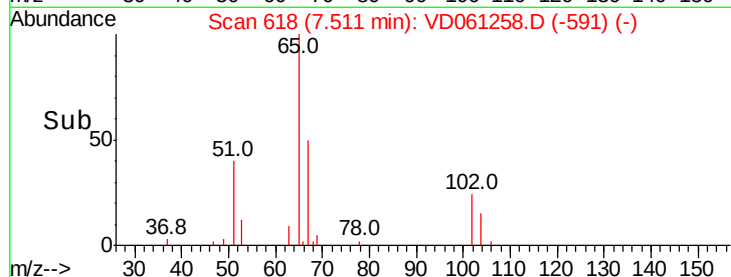
10000

5000

0

7.40 7.50 7.60

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.27 min Scan# 695

Delta R.T. 0.05 min

Lab File: VD061258.D

Acq: 22 Mar 2019 14:00

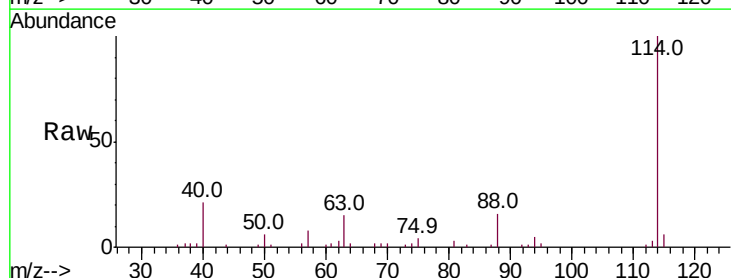
Tgt Ion:114 Resp: 139165

Ion Ratio Lower Upper

114 100

63 15.0 0.0 31.4

88 16.1 0.0 33.0



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

60000

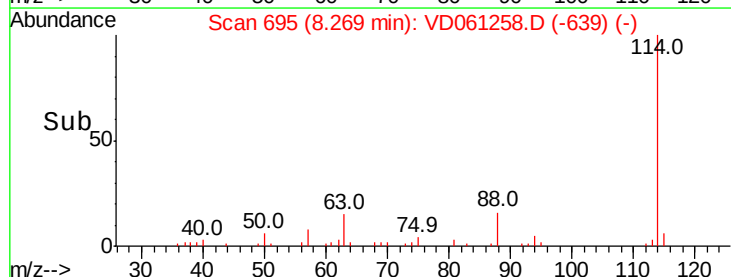
40000

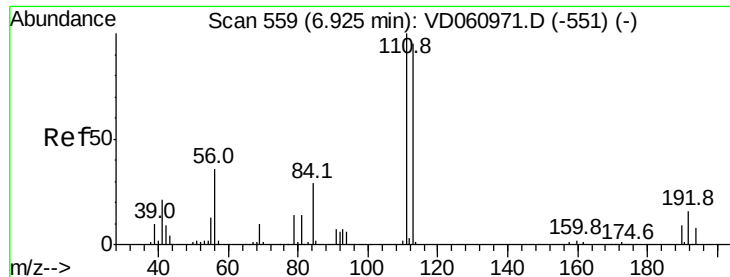
20000

0

8.20 8.30 8.40

Time-->





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.98 min Scan# 564

Delta R.T. 0.05 min

Lab File: VD061258.D

Acq: 22 Mar 2019 14:00

Instrument :

MSVOA_D

ClientSampleId :

TP-1

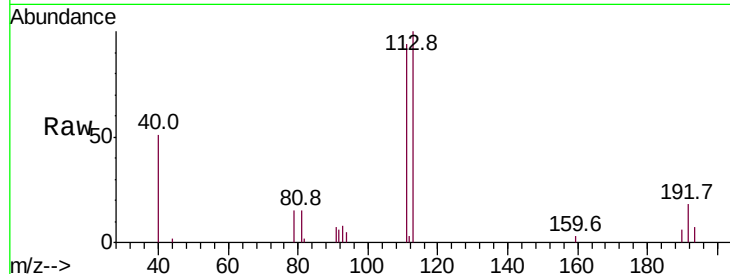
Tot Ion:113 Resp: 56769

Ion Ratio Lower Upper

113 100

111 94.3 84.2 126.4

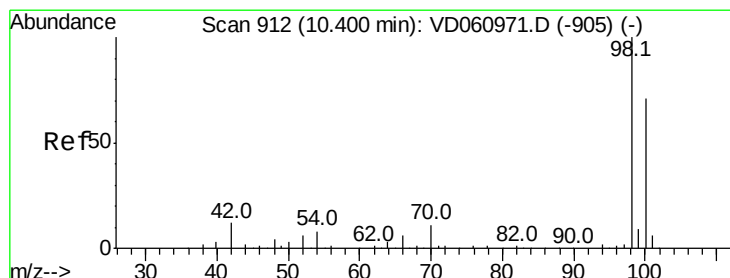
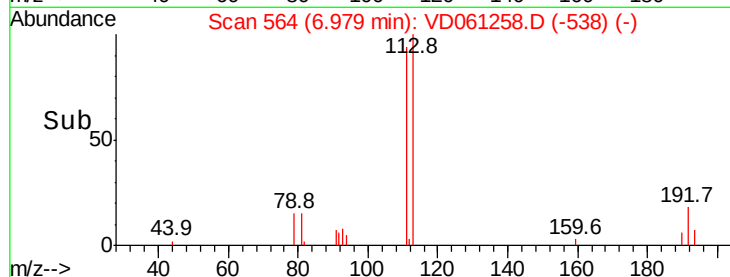
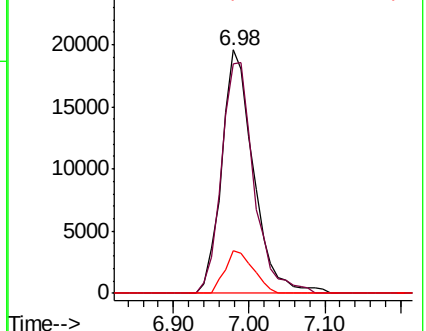
192 17.5 13.1 19.7



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: N.D. ug/l

RT: 10.45 min Scan# 917

Delta R.T. 0.05 min

Lab File: VD061258.D

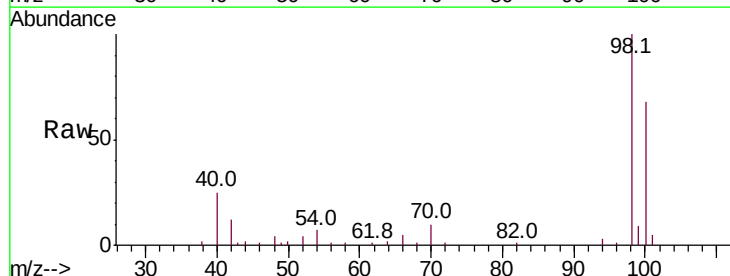
Acq: 22 Mar 2019 14:00

Tgt Ion: 98 Resp: 109636

Ion Ratio Lower Upper

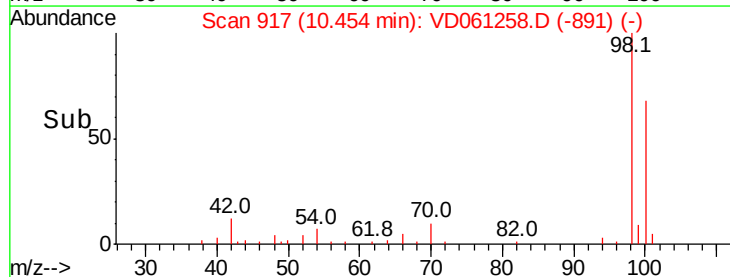
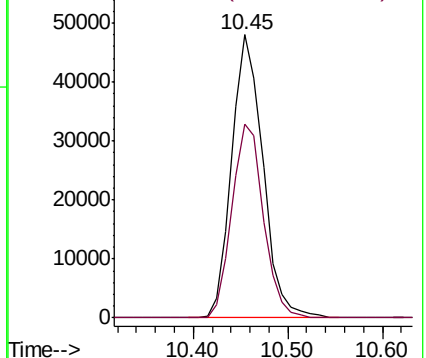
98 100

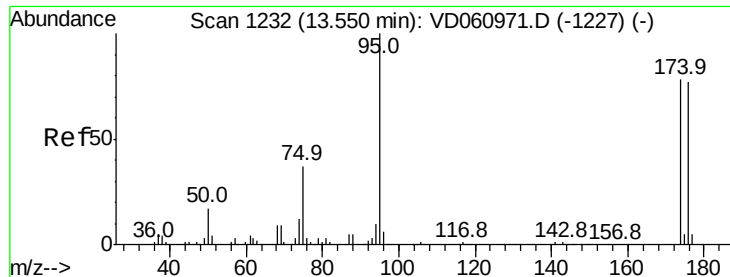
100 68.4 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

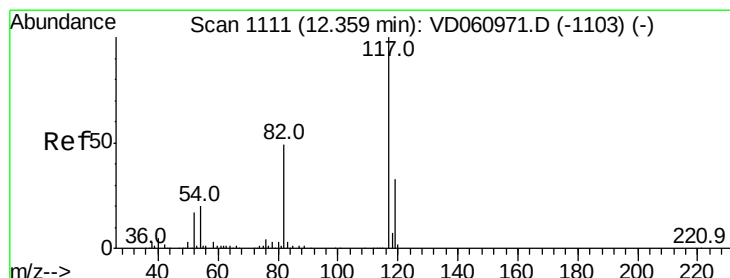
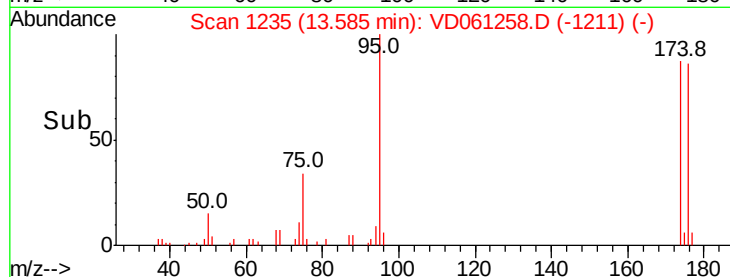
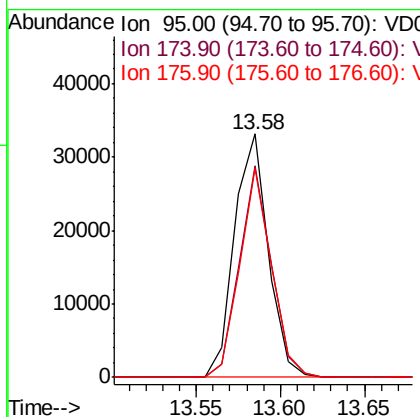
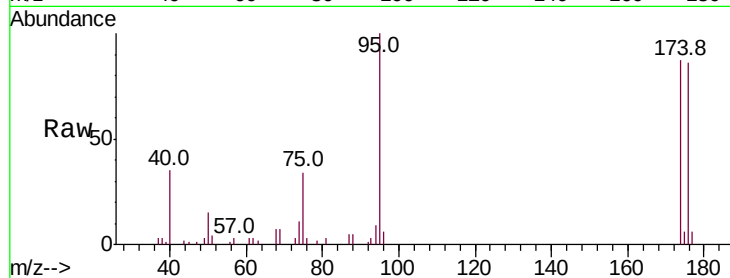




#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 13.58 min Scan# 1235
 Delta R.T. 0.03 min
 Lab File: VD061258.D
 Acq: 22 Mar 2019 14:00

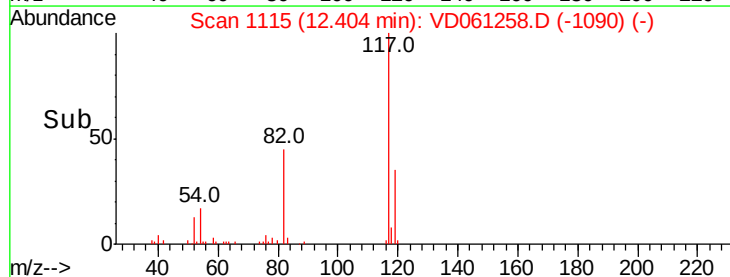
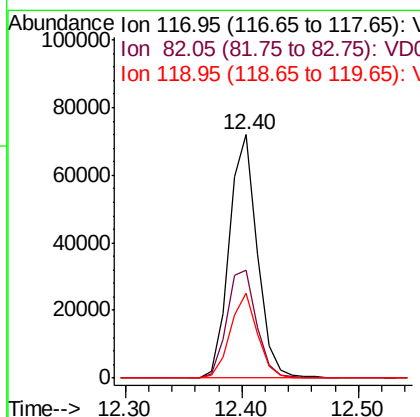
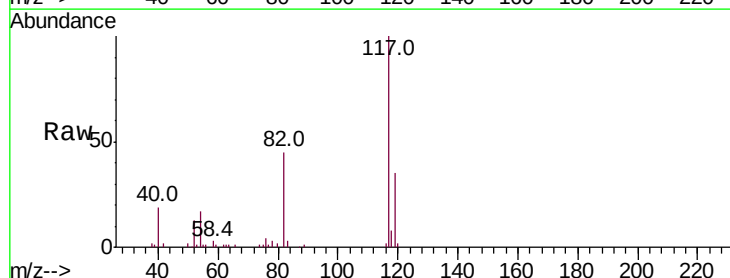
Instrument :
 MSVOA_D
 ClientSampled :
 TP-1

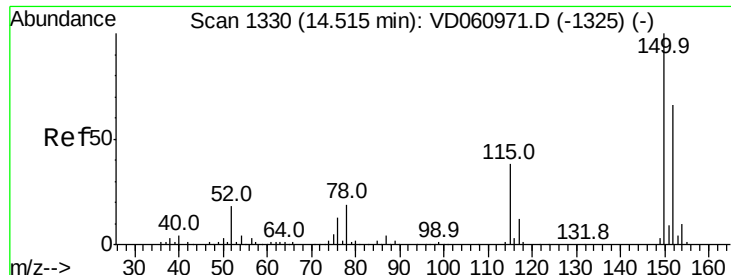
Tot Ion: 95 Resp: 46033
 Ion Ratio Lower Upper
 95 100
 174 87.0 0.0 155.6
 176 85.8 0.0 153.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.40 min Scan# 1115
 Delta R.T. 0.04 min
 Lab File: VD061258.D
 Acq: 22 Mar 2019 14:00

Tgt Ion: 117 Resp: 119945
 Ion Ratio Lower Upper
 117 100
 82 44.5 38.9 58.3
 119 34.9 26.6 39.8

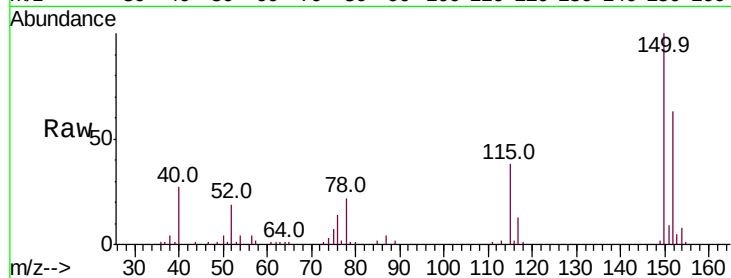




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. 0.03 min
 Lab File: VD061258.D
 Acq: 22 Mar 2019 14:00

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Tot Ion:152 Resp: 41830
 Ion Ratio Lower Upper
 152 100
 115 59.5 28.6 85.9
 150 158.3 0.0 310.6



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

