

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
 Data File : VD061191.D
 Acq On : 19 Mar 2019 18:01
 Operator : VA/AP
 Sample : K1935-06RE
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-18(11-12)RE

Quant Time: Mar 20 02:14:40 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

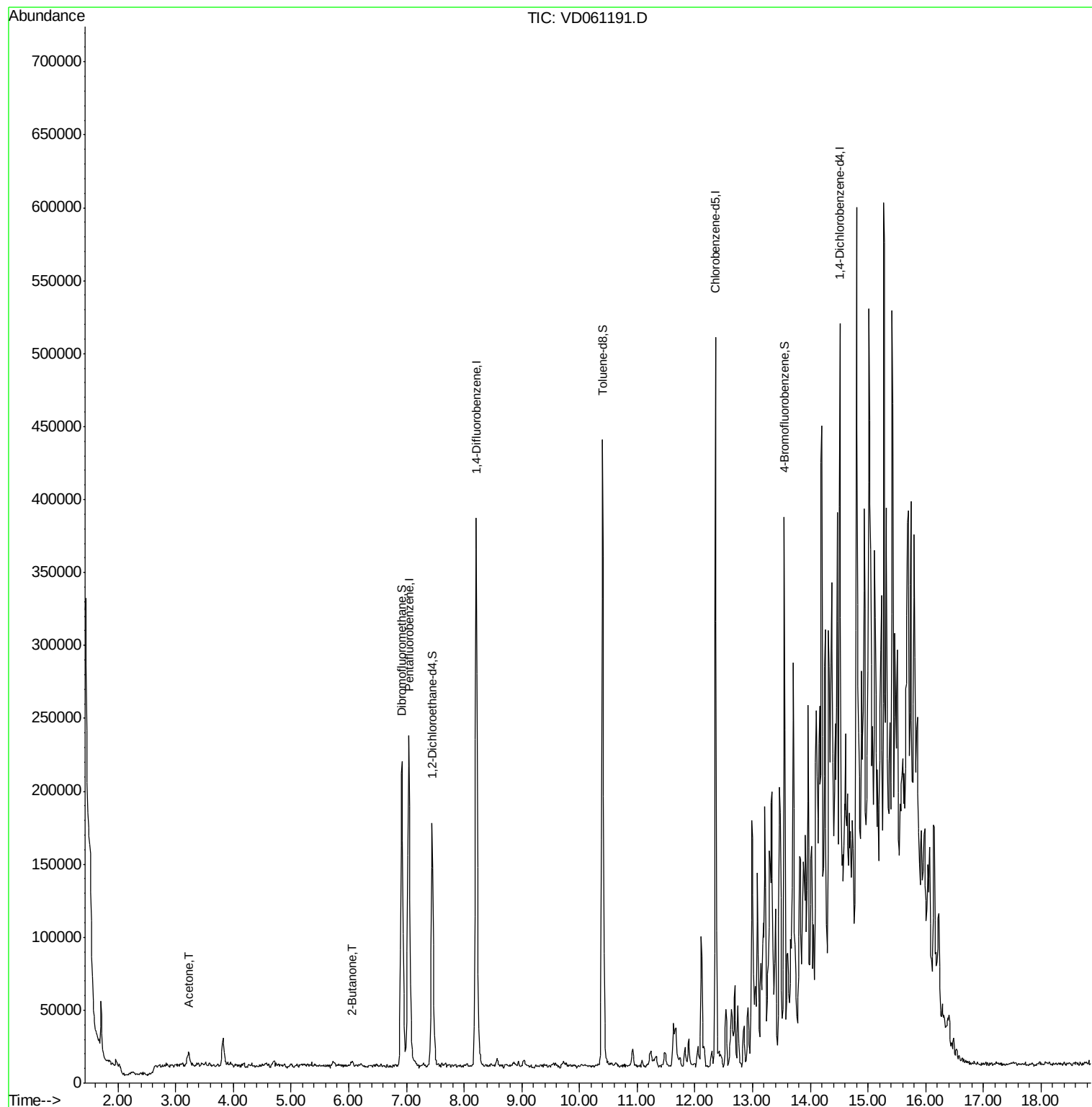
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	242327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	473317	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	296298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	79539	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	157046	77.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	155.72%	
35) Dibromofluoromethane	6.92	113	205885	58.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.22%	
50) Toluene-d8	10.40	98	366678	41.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.14%	
62) 4-Bromofluorobenzene	13.55	95	106131	31.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.02%	
Target Compounds						
16) Acetone	3.22	43	20719	35.920	ug/l	96
25) 2-Butanone	6.06	43	6432	9.827	ug/l #	87

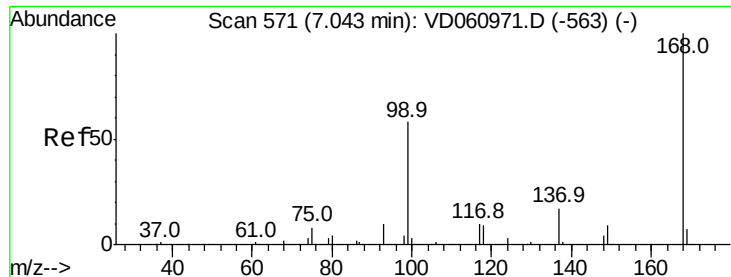
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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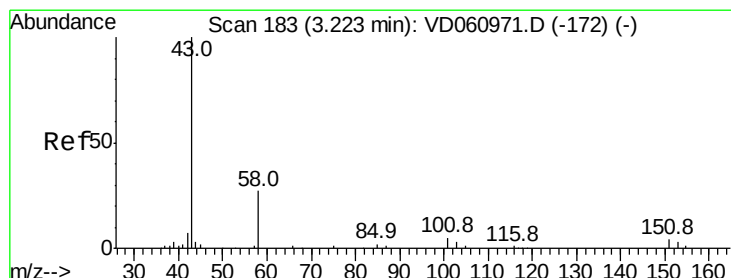
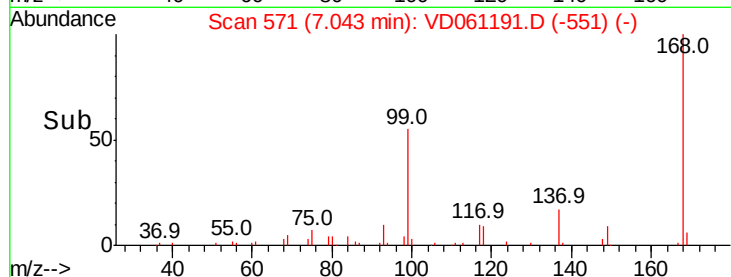
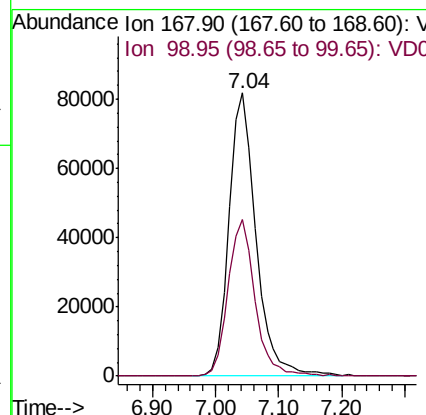
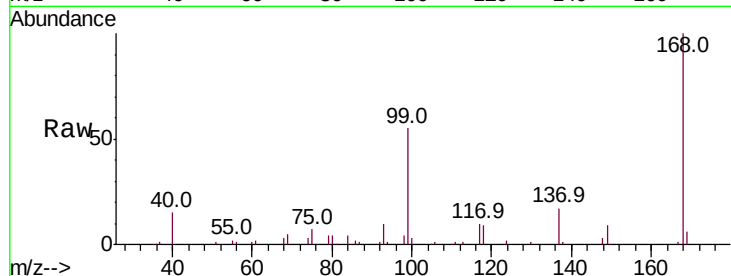




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.00 min
Lab File: VD061191.D
Acq: 19 Mar 2019 18:01

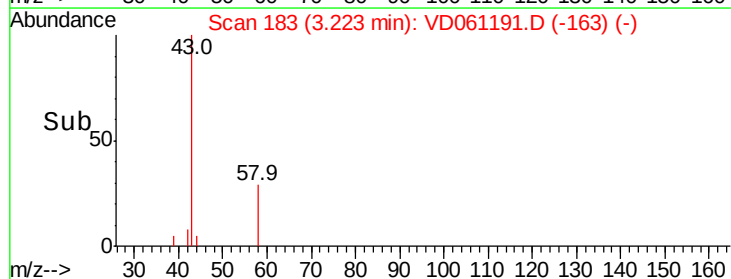
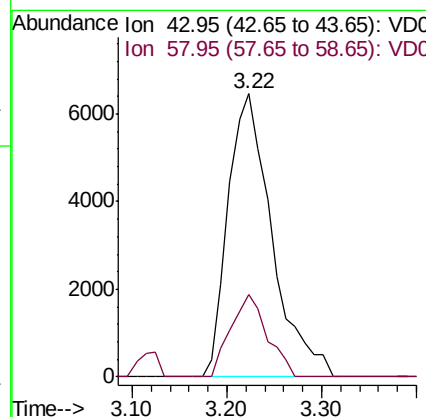
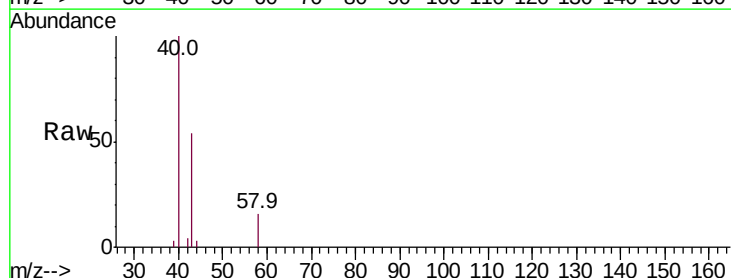
Instrument :
MSVOA_D
ClientSampleId :
SB-18(11-12)RE

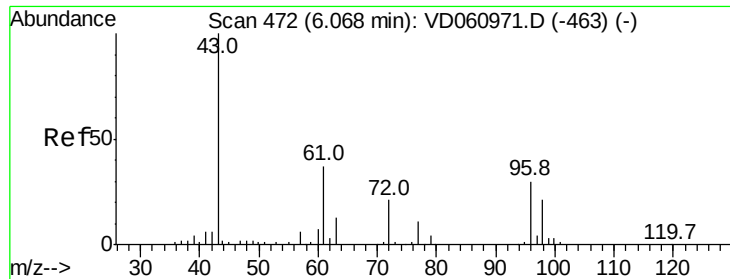
Tot Ion:168 Resp: 242327
Ion Ratio Lower Upper
168 100
99 55.2 47.3 70.9



#16
Acetone
Concen: 35.920 ug/l
RT: 3.22 min Scan# 183
Delta R.T. -0.00 min
Lab File: VD061191.D
Acq: 19 Mar 2019 18:01

Tgt Ion: 43 Resp: 20719
Ion Ratio Lower Upper
43 100
58 29.3 21.6 32.4





#25

2-Butanone

Concen: 9.827 ug/l

RT: 6.06 min Scan# 471

Delta R.T. -0.01 min

Lab File: VD061191.D

Acq: 19 Mar 2019 18:01

Instrument :

MSVOA_D

ClientSampleId :

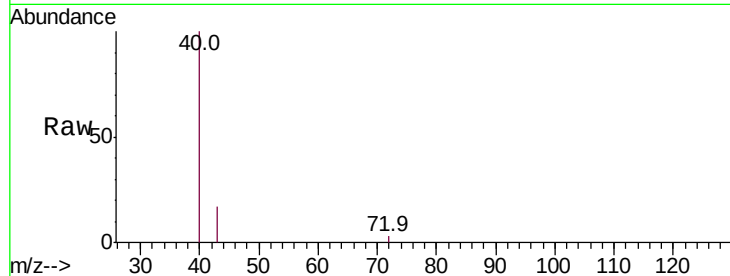
SB-18(11-12)RE

Tot Ion: 43 Resp: 6432

Ion Ratio Lower Upper

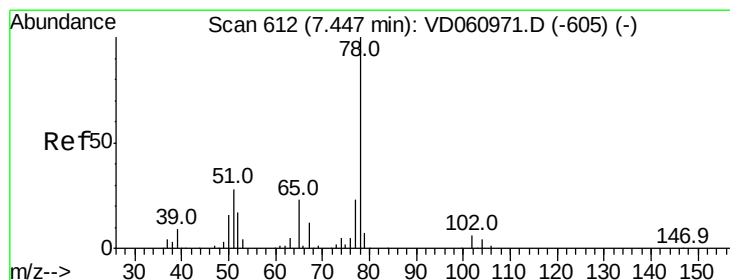
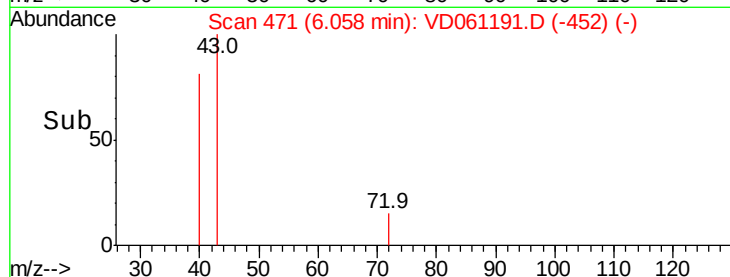
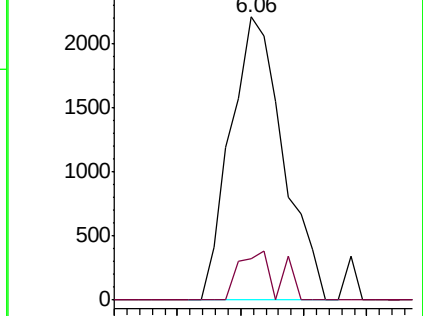
43 100

72 14.7 16.7 25.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD061191.D

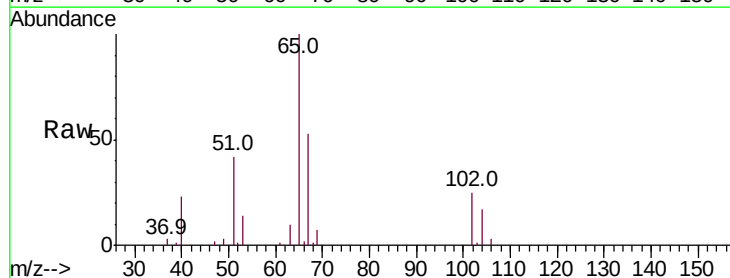
Acq: 19 Mar 2019 18:01

Tgt Ion: 65 Resp: 157046

Ion Ratio Lower Upper

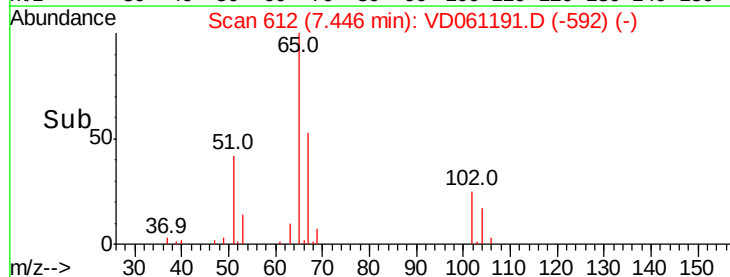
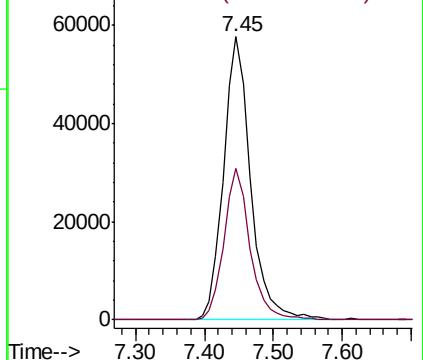
65 100

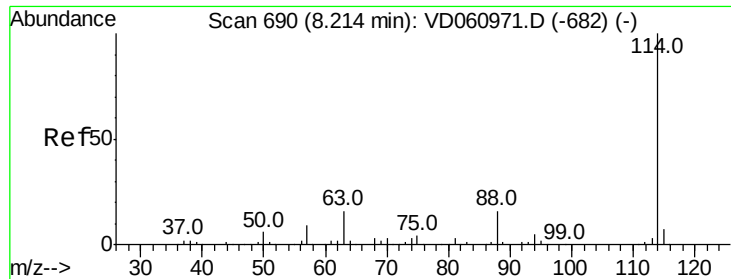
67 53.4 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

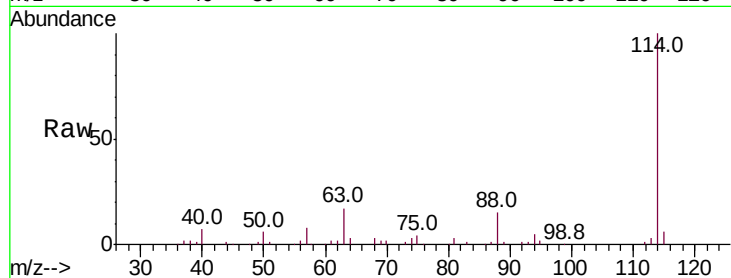




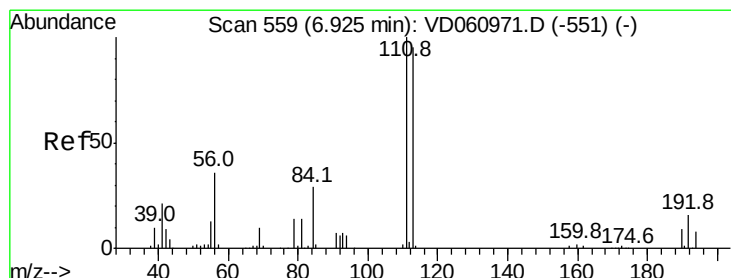
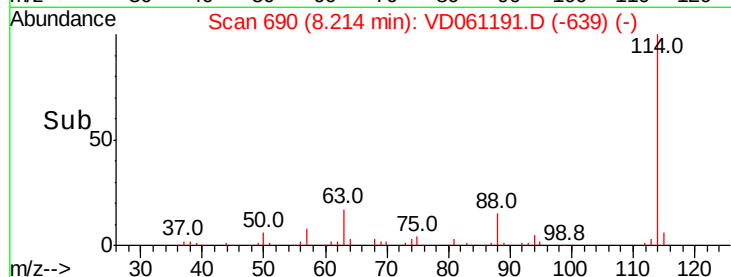
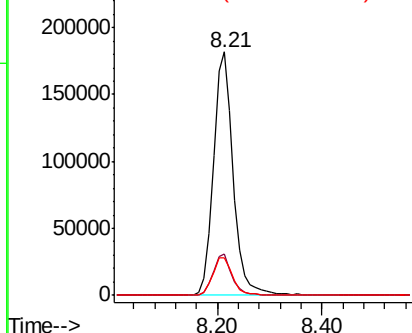
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD061191.D
 Acq: 19 Mar 2019 18:01

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-18(11-12)RE

Tot Ion:114 Resp: 473317
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 31.4
 88 15.3 0.0 33.0

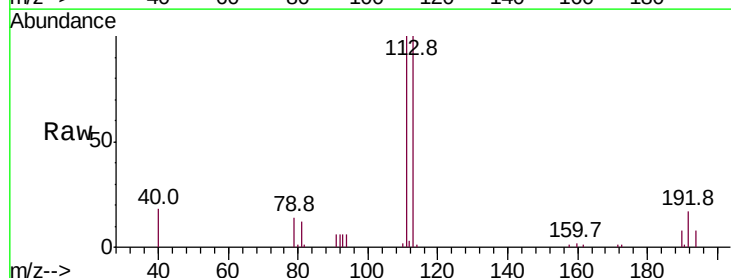


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

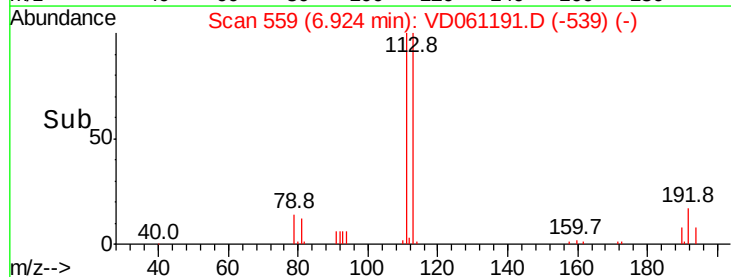
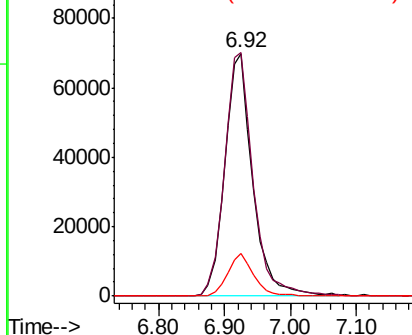


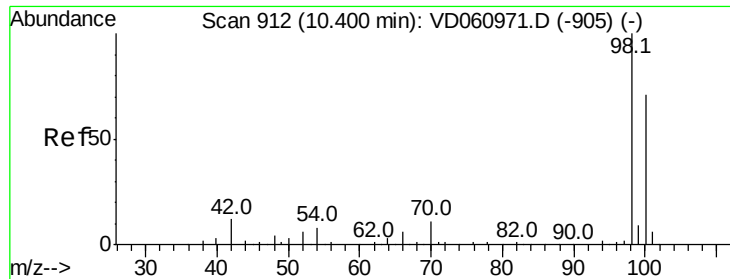
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD061191.D
 Acq: 19 Mar 2019 18:01

Tgt Ion:113 Resp: 205885
 Ion Ratio Lower Upper
 113 100
 111 100.3 84.2 126.4
 192 17.4 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: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD061191.D

Acq: 19 Mar 2019 18:01

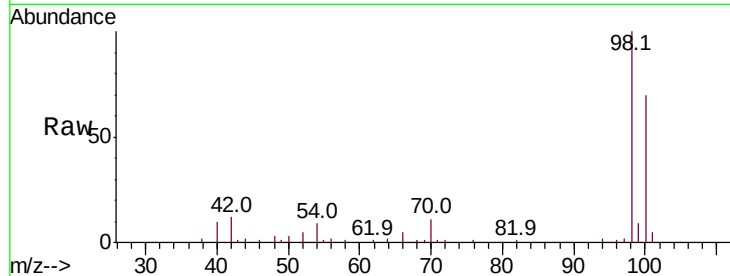
Instrument :
MSVOA_D
ClientSampleId :
SB-18(11-12)RE

Tot Ion: 98 Resp: 366678

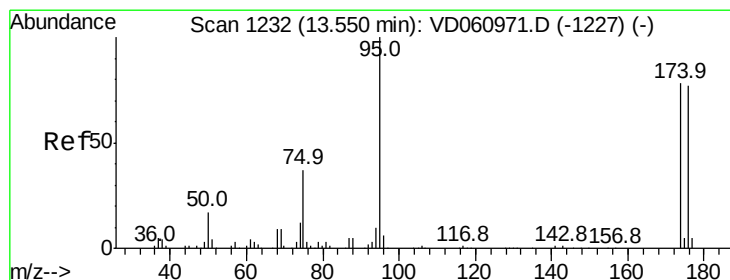
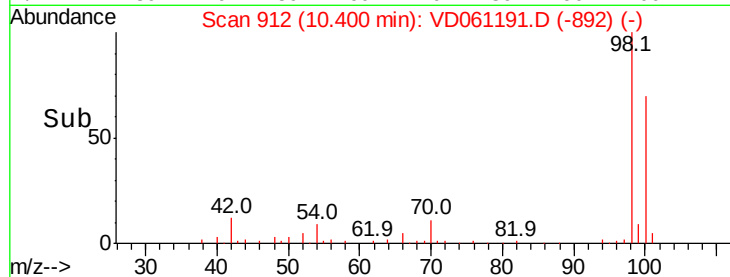
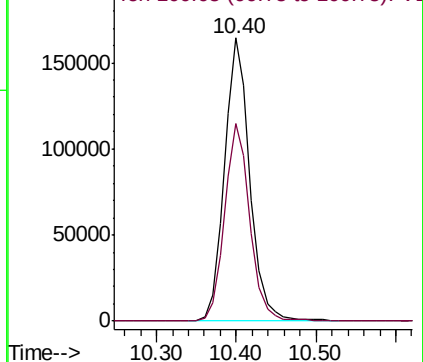
Ion Ratio Lower Upper

98 100

100 70.0 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061191.D

Acq: 19 Mar 2019 18:01

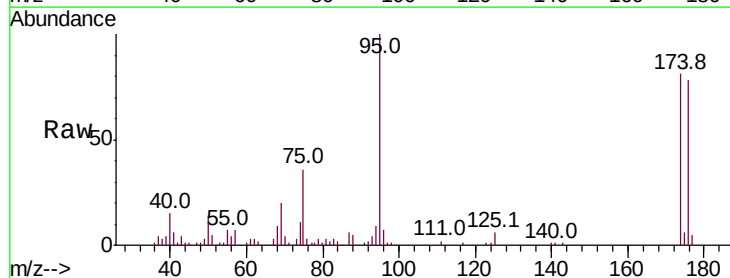
Tgt Ion: 95 Resp: 106131

Ion Ratio Lower Upper

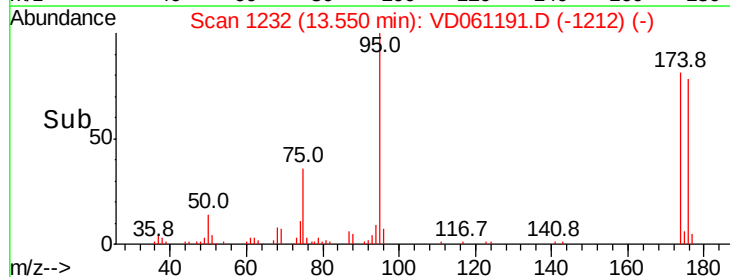
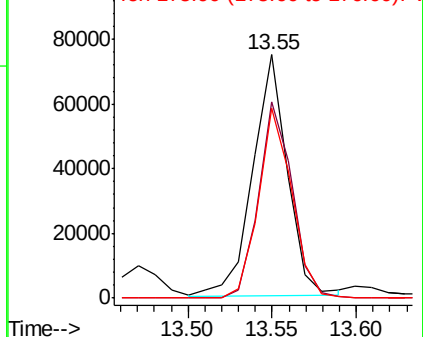
95 100

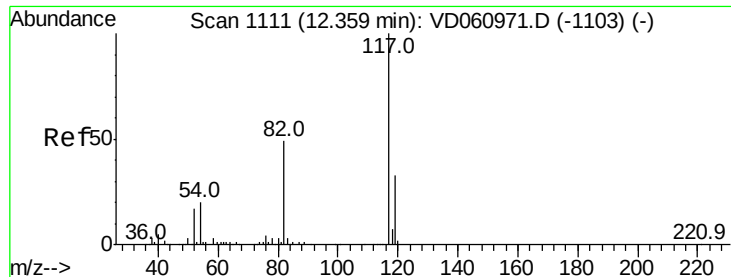
174 80.7 0.0 155.6

176 77.8 0.0 153.8



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

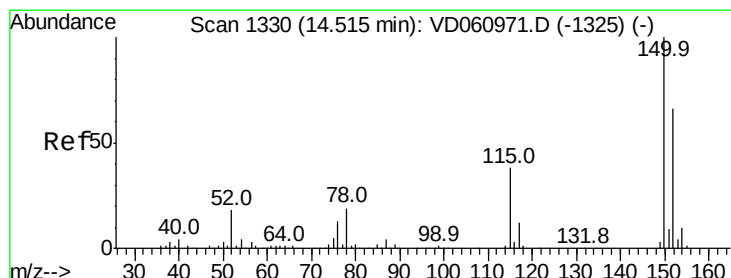
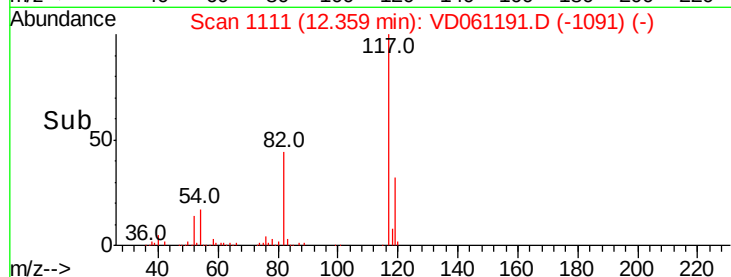
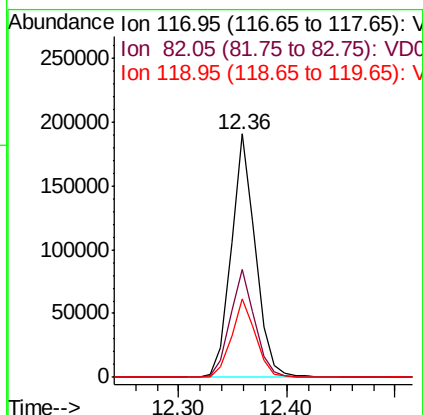
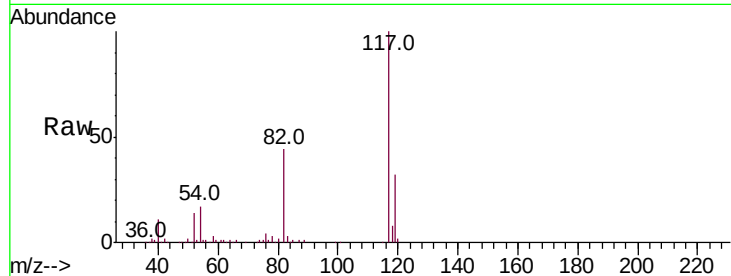




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061191.D
Acq: 19 Mar 2019 18:01

Instrument :
MSVOA_D
ClientSampleId :
SB-18(11-12)RE

Tot Ion:117 Resp: 296298
Ion Ratio Lower Upper
117 100
82 44.3 38.9 58.3
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061191.D
Acq: 19 Mar 2019 18:01

Tgt Ion:152 Resp: 79539
Ion Ratio Lower Upper
152 100
115 52.7 28.6 85.9
150 150.2 0.0 310.6

