

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
 Data File : VD061194.D
 Acq On : 19 Mar 2019 19:24
 Operator : VA/AP
 Sample : K1935-08RE
 Misc : 3.51g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2(10-11)RE

Quant Time: Mar 20 02:19:41 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

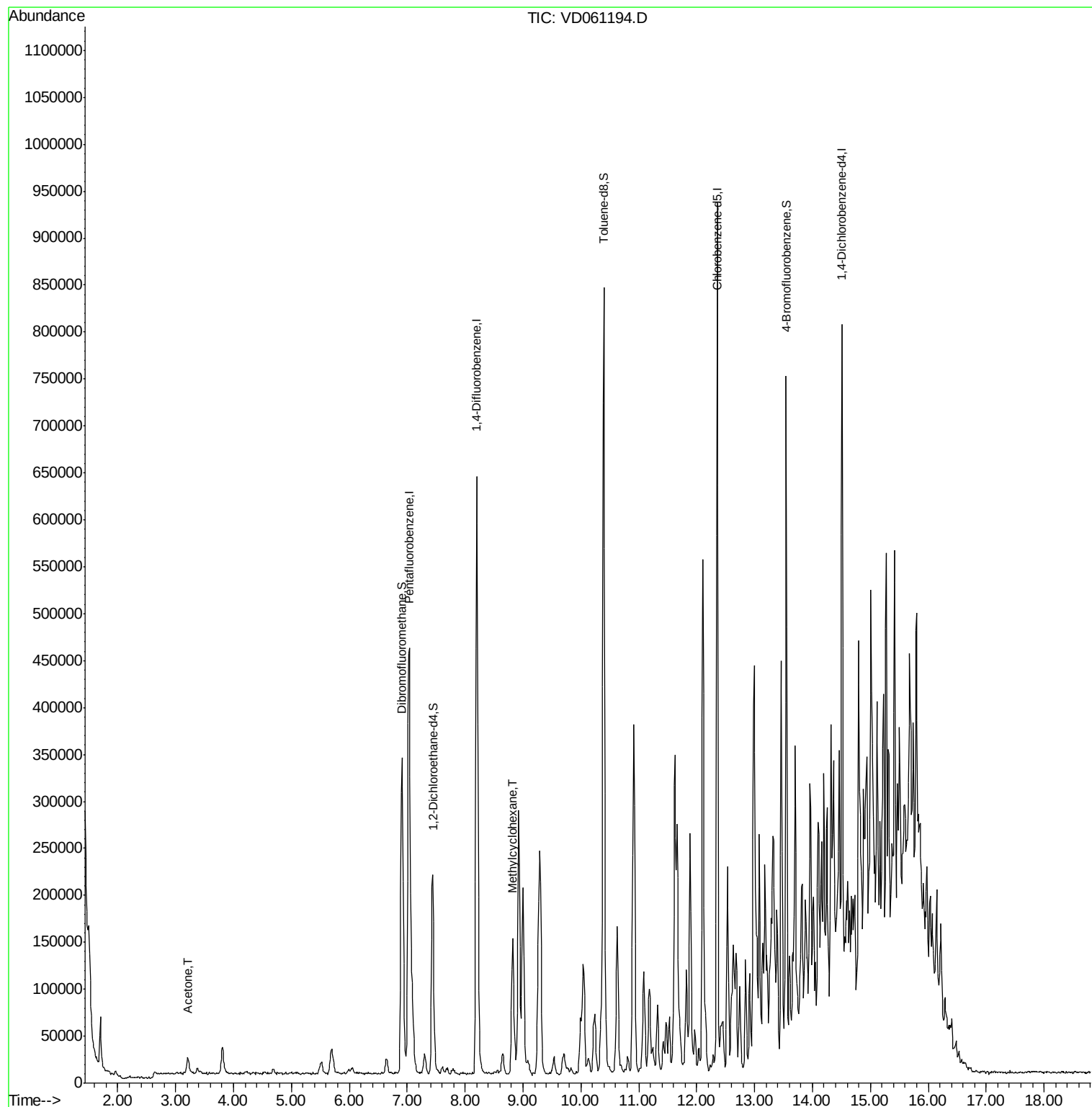
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	482866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	783695	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	544436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	156815	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	214639	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.80%	
35) Dibromofluoromethane	6.91	113	338930	58.28	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	116.56%	
50) Toluene-d8	10.39	98	707401	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
62) 4-Bromofluorobenzene	13.54	95	216336	38.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.34%	
Target Compounds						
16) Acetone	3.21	43	33707	29.327	ug/l	94
39) Methylcyclohexane	8.83	83	50738	7.243	ug/l #	44

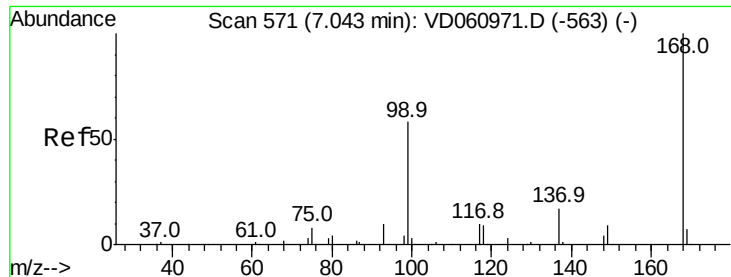
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

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Acq: 19 Mar 2019 19:24

Instrument :

MSVOA_D

ClientSampleId :

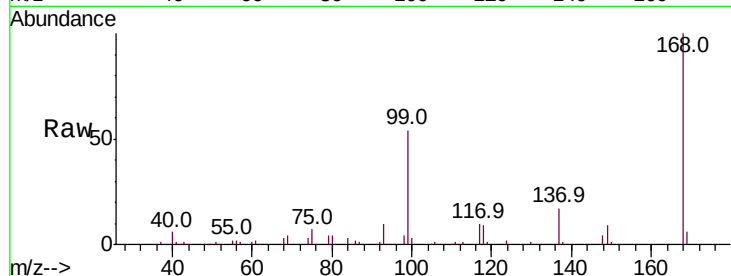
SB-2(10-11)RE

Tot Ion:168 Resp: 482866

Ion Ratio Lower Upper

168 100

99 53.7 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

150000

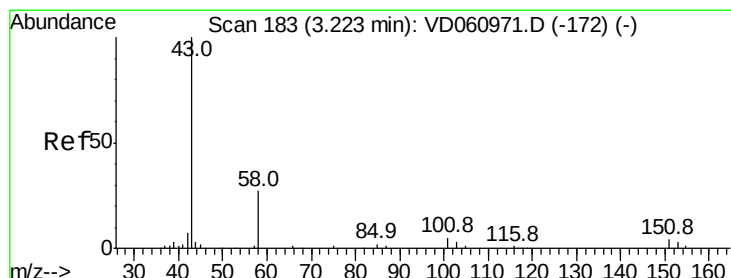
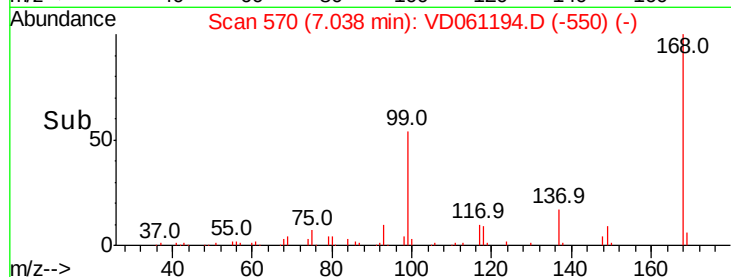
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 29.327 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD061194.D

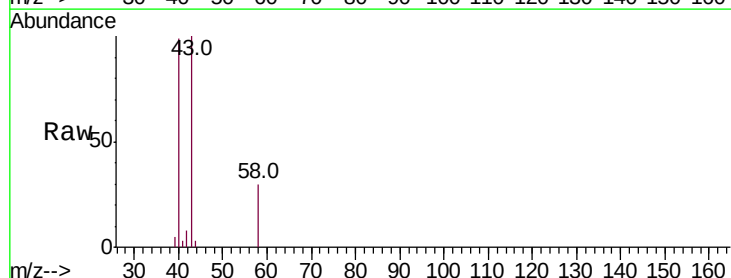
Acq: 19 Mar 2019 19:24

Tgt Ion: 43 Resp: 33707

Ion Ratio Lower Upper

43 100

58 30.1 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

12000

10000

8000

6000

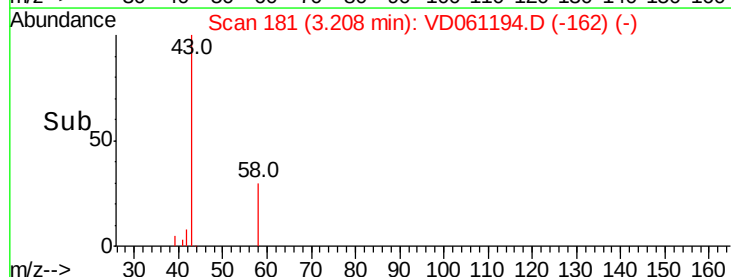
4000

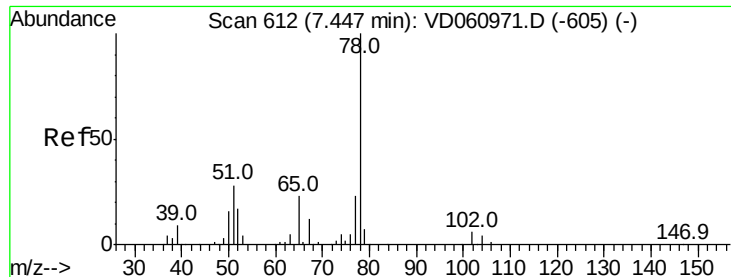
2000

0

Time-->

3.10 3.20 3.30 3.40

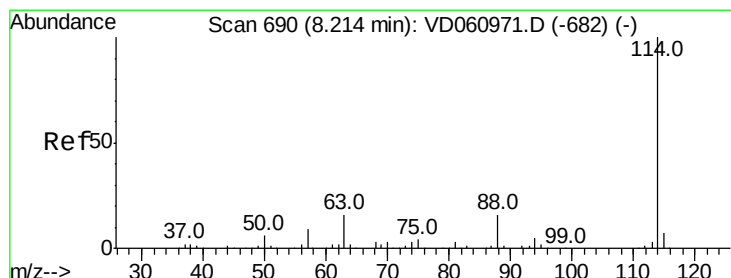
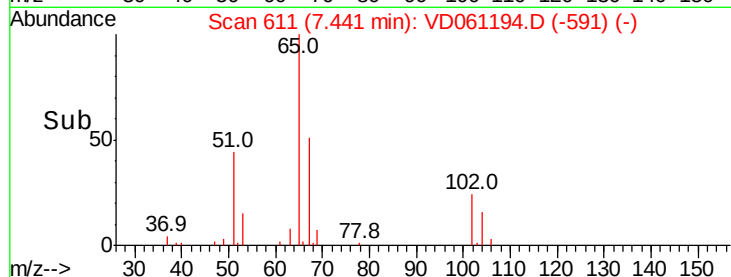
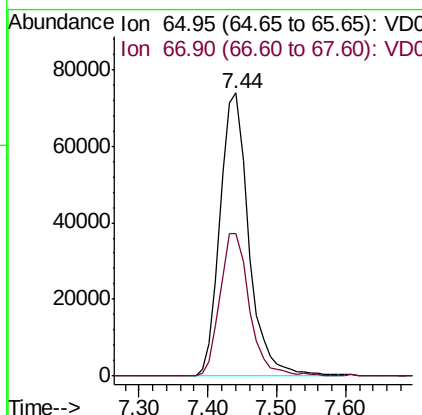
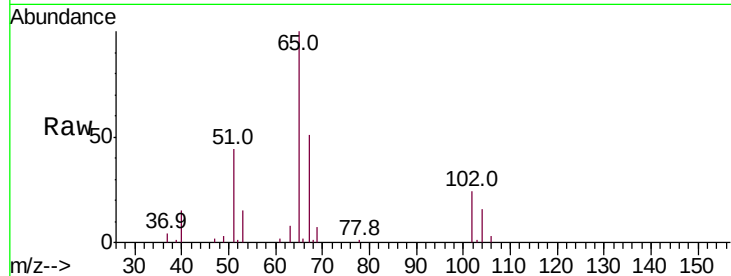




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: VD061194.D
 Acq: 19 Mar 2019 19:24

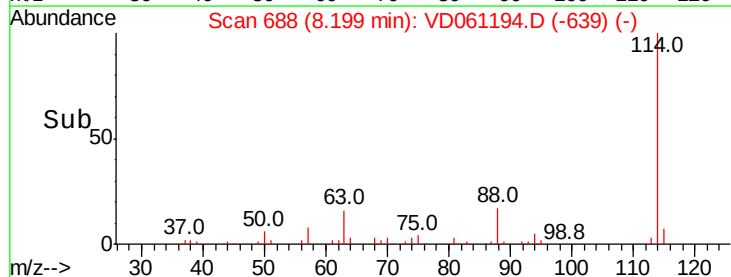
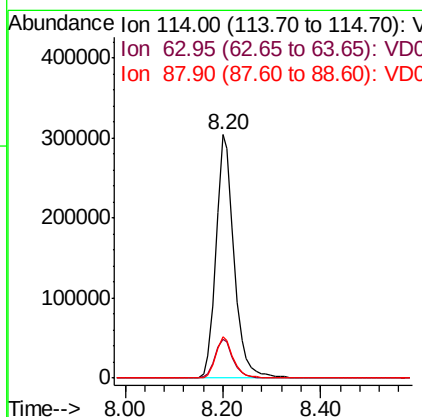
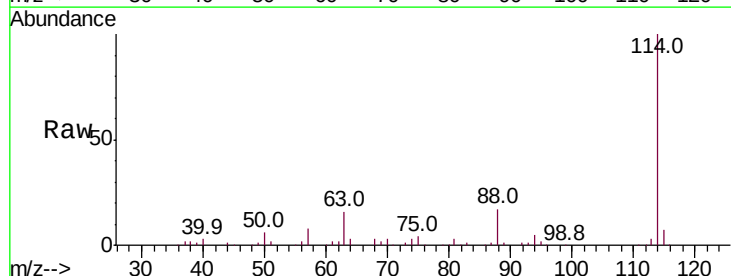
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2(10-11)RE

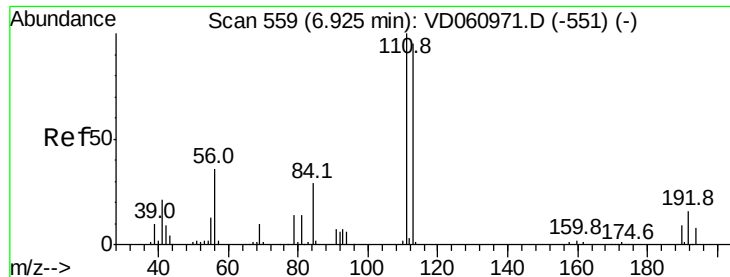
Tot Ion: 65 Resp: 214639
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: VD061194.D
 Acq: 19 Mar 2019 19:24

Tgt Ion: 114 Resp: 783695
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 31.4
 88 17.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD061194.D

Acq: 19 Mar 2019 19:24

Instrument :

MSVOA_D

ClientSampleId :

SB-2(10-11)RE

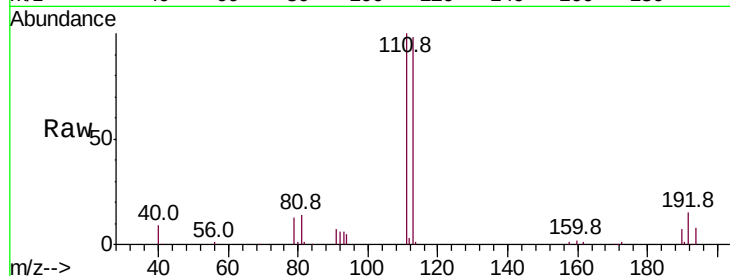
Tot Ion:113 Resp: 338930

Ion Ratio Lower Upper

113 100

111 101.6 84.2 126.4

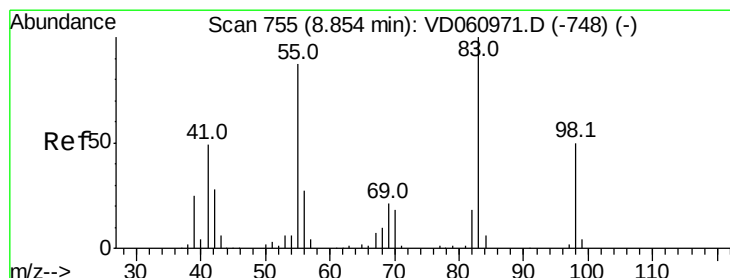
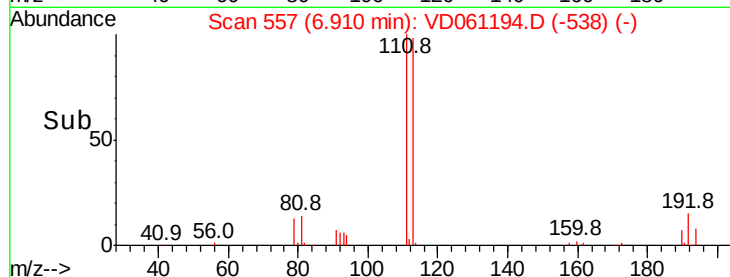
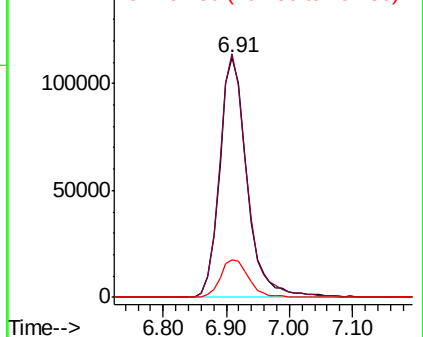
192 15.5 13.1 19.7



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



#39

Methylcyclohexane

Concen: 7.243 ug/l

RT: 8.83 min Scan# 752

Delta R.T. -0.03 min

Lab File: VD061194.D

Acq: 19 Mar 2019 19:24

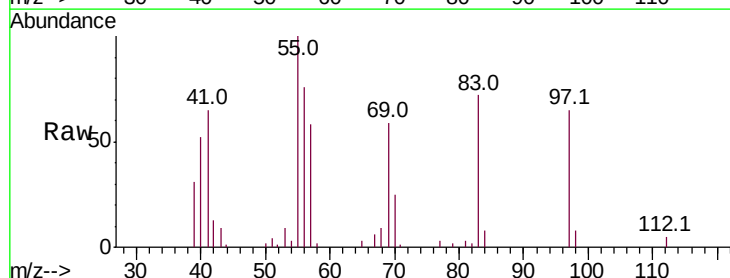
Tgt Ion: 83 Resp: 50738

Ion Ratio Lower Upper

83 100

55 139.5 69.6 104.4#

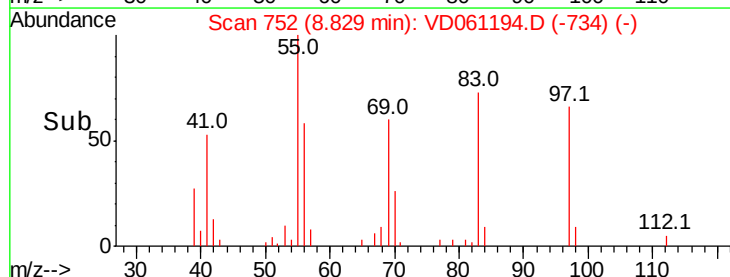
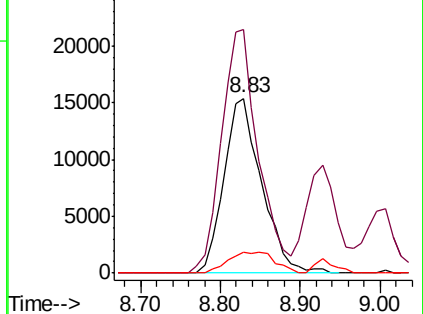
98 11.7 40.0 60.0#

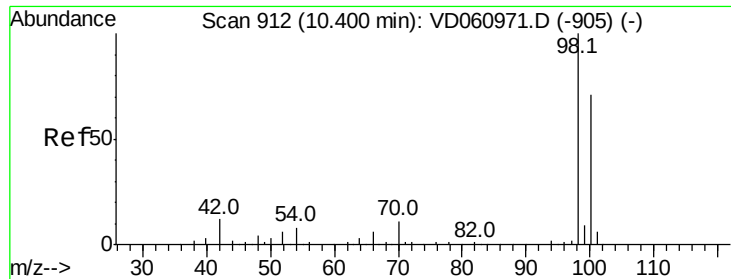


Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC

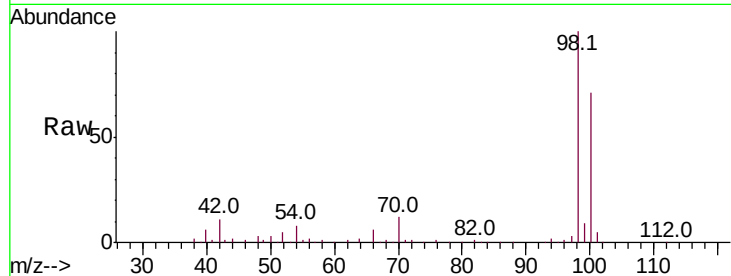




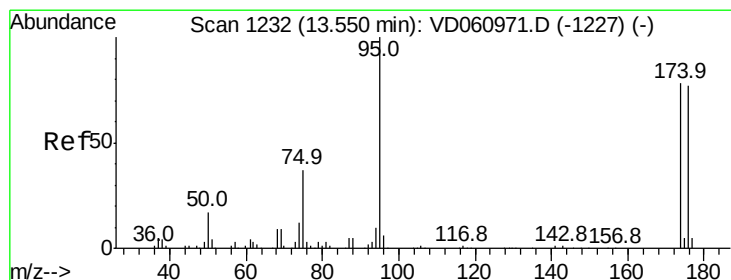
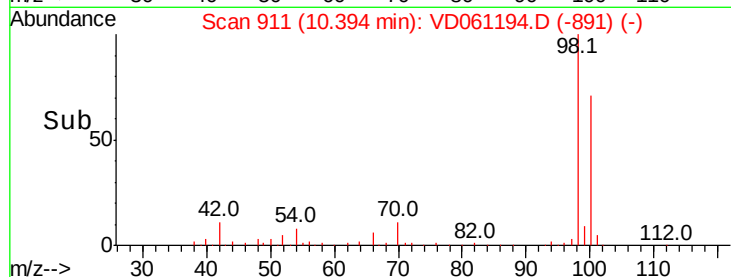
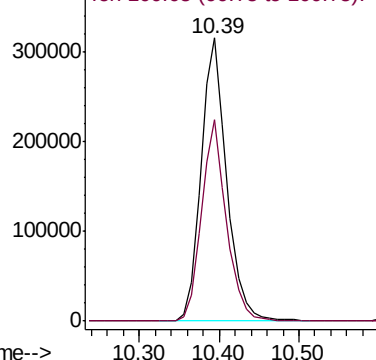
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD061194.D
Acq: 19 Mar 2019 19:24

Instrument :
MSVOA_D
ClientSampleId :
SB-2(10-11)RE

Tot Ion: 98 Resp: 707401
Ion Ratio Lower Upper
98 100
100 71.0 57.4 86.2

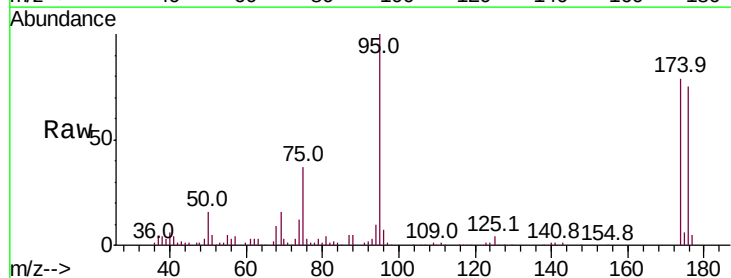


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

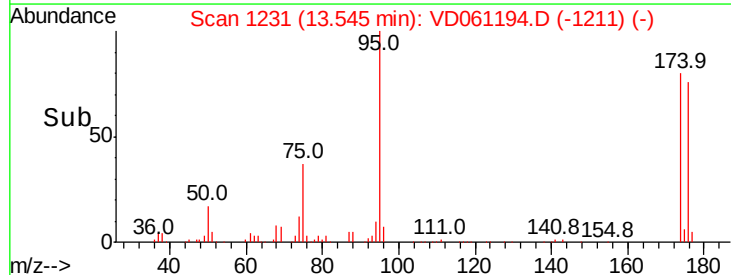
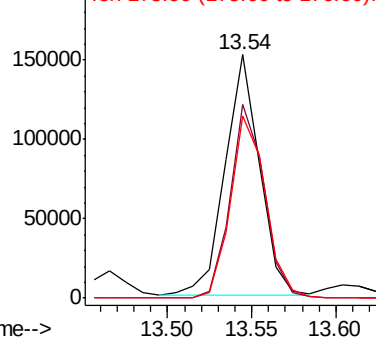


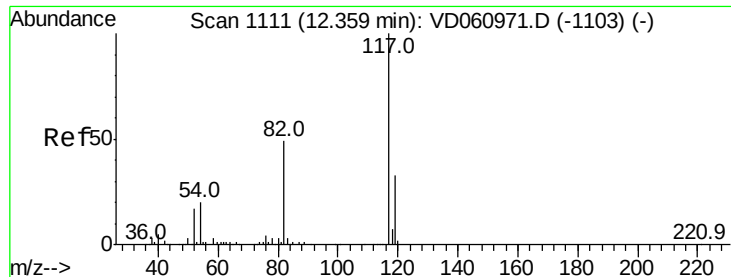
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061194.D
Acq: 19 Mar 2019 19:24

Tgt Ion: 95 Resp: 216336
Ion Ratio Lower Upper
95 100
174 79.4 0.0 155.6
176 74.9 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: 12.35 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD061194.D

Acq: 19 Mar 2019 19:24

Instrument :

MSVOA_D

ClientSampleId :

SB-2(10-11)RE

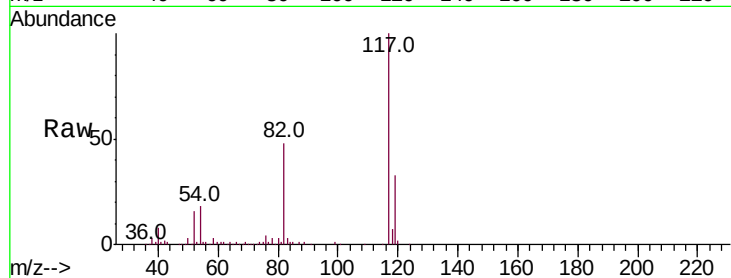
Tot Ion:117 Resp: 544436

Ion Ratio Lower Upper

117 100

82 47.6 38.9 58.3

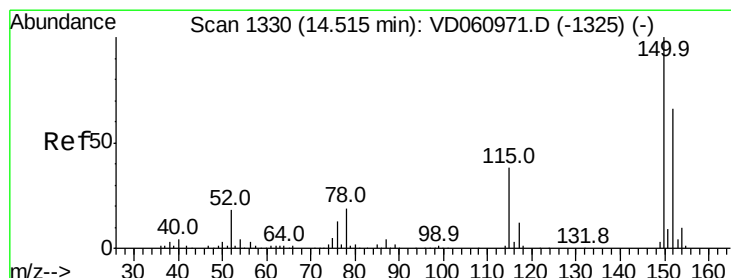
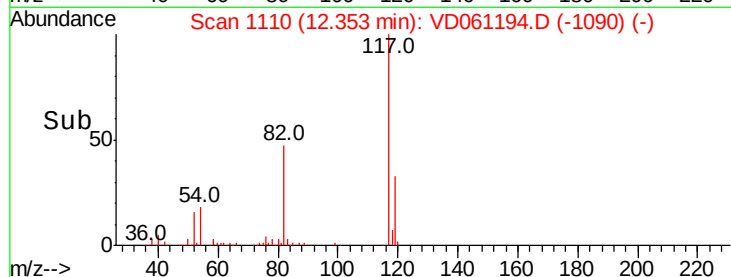
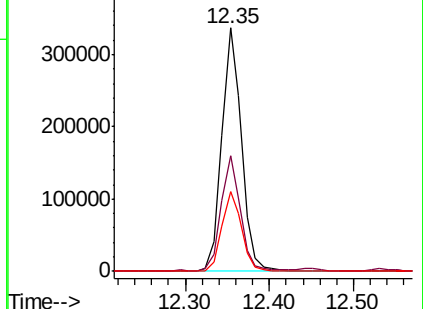
119 32.8 26.6 39.8



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: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD061194.D

Acq: 19 Mar 2019 19:24

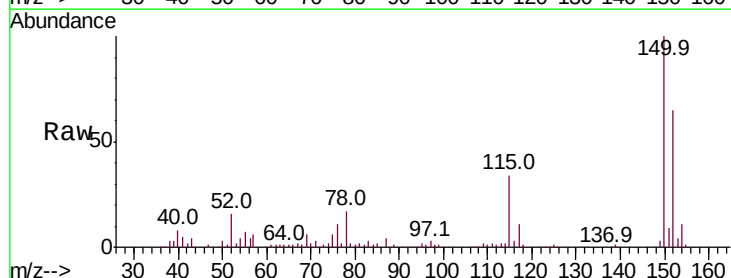
Tgt Ion:152 Resp: 156815

Ion Ratio Lower Upper

152 100

115 52.0 28.6 85.9

150 154.1 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

