

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061593.D
 Acq On : 4 Apr 2019 21:50
 Operator : VA/AP
 Sample : K2240-01
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-(0-2)

Quant Time: Apr 05 02:13:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

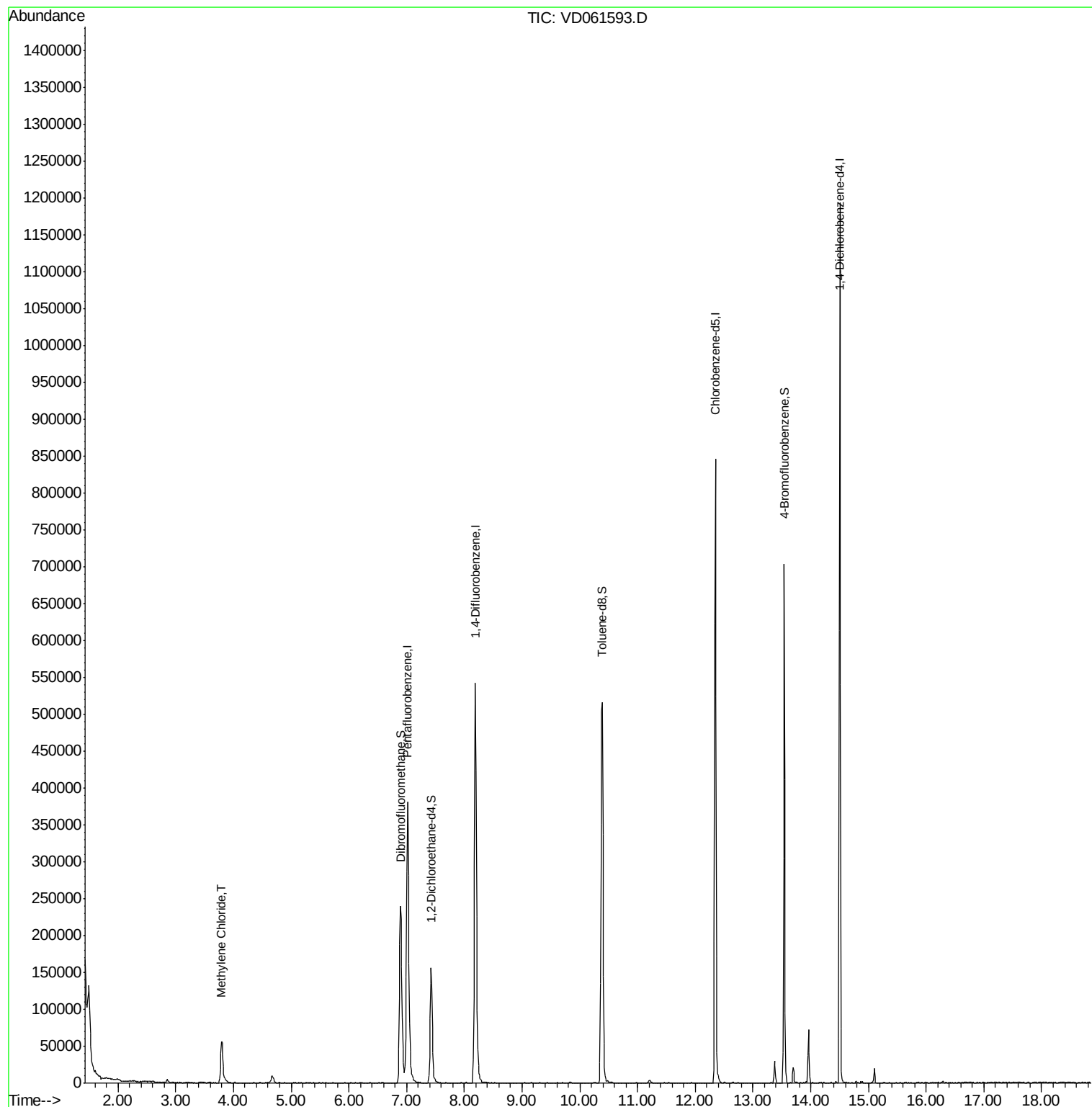
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	402012	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	669965	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	537530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	263039	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	159742	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
35) Dibromofluoromethane	6.89	113	234007	45.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.42%	
50) Toluene-d8	10.39	98	486803	39.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.28%	
62) 4-Bromofluorobenzene	13.54	95	207001	43.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.92%	
Target Compounds						
20) Methylene Chloride	3.80	84	41180	6.663	ug/l	Qvalue 91

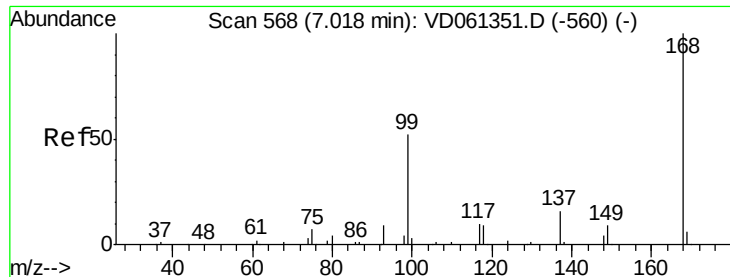
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.00 min

Lab File: VD061593.D

Acq: 4 Apr 2019 21:50

Instrument :

MSVOA_D

ClientSampleId :

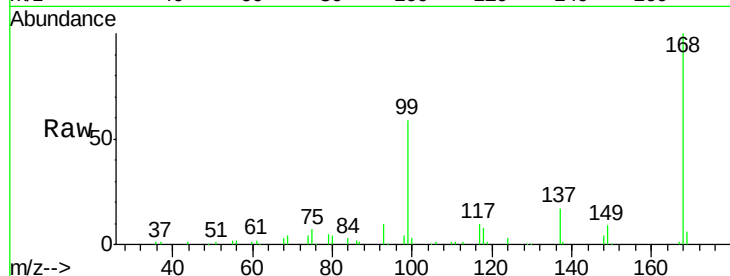
SB-01-(0-2)

Tot Ion:168 Resp: 402012

Ion Ratio Lower Upper

168 100

99 59.2 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

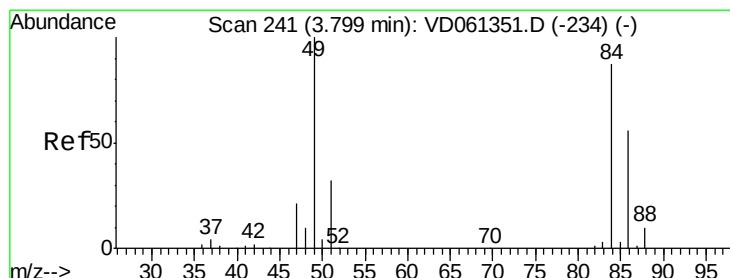
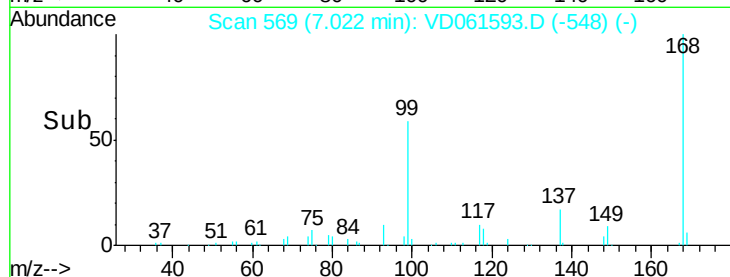
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 6.663 ug/l

RT: 3.80 min Scan# 242

Delta R.T. 0.00 min

Lab File: VD061593.D

Acq: 4 Apr 2019 21:50

Tgt Ion: 84 Resp: 41180

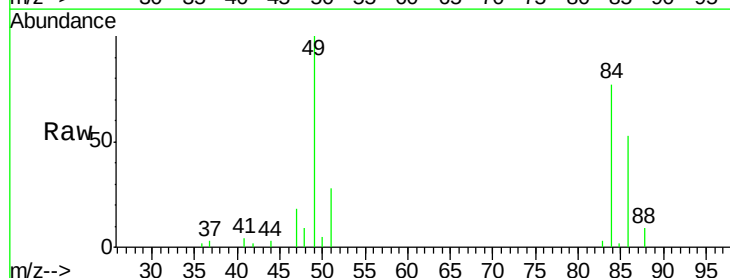
Ion Ratio Lower Upper

84 100

49 129.6 91.8 137.8

51 35.9 29.8 44.8

86 68.1 51.8 77.6



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

25000

20000

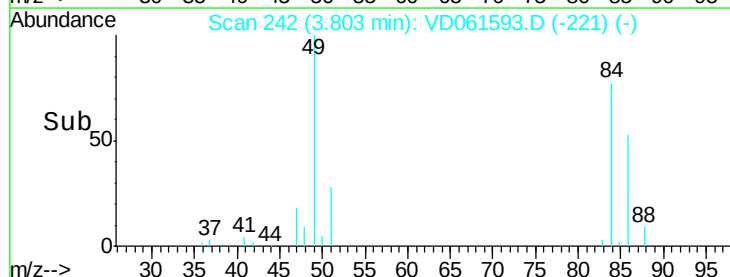
15000

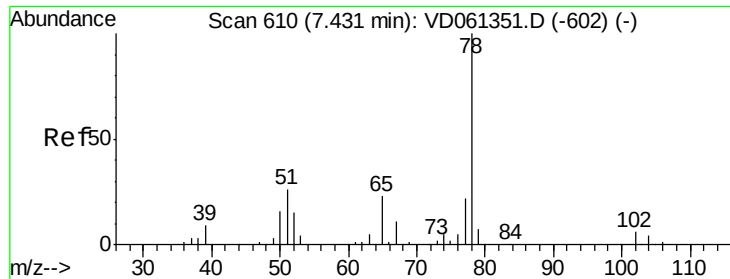
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.01 min

Lab File: VD061593.D

Acq: 4 Apr 2019 21:50

Instrument :

MSVOA_D

ClientSampleId :

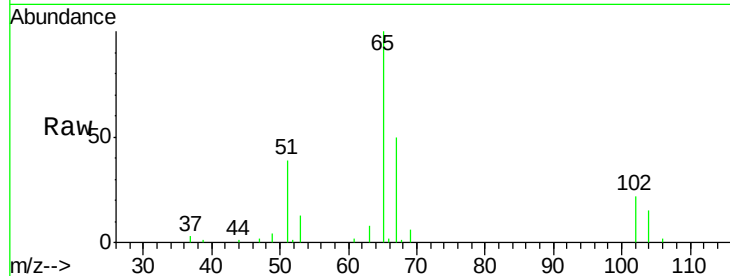
SB-01-(0-2)

Tot Ion: 65 Resp: 159742

Ion Ratio Lower Upper

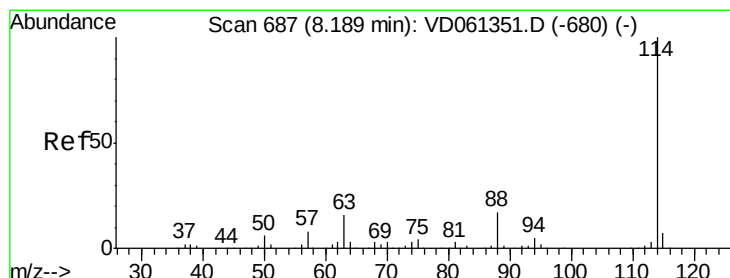
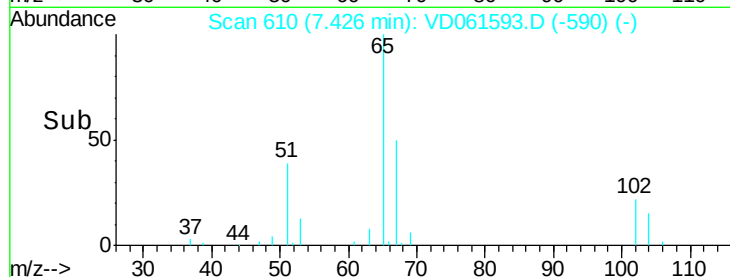
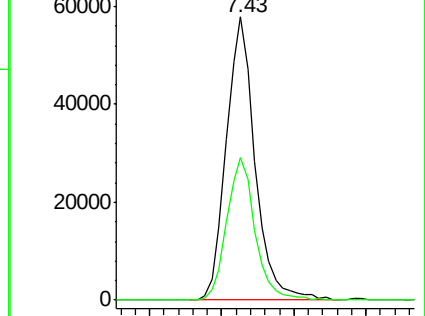
65 100

67 50.5 0.0 99.8



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: 8.19 min Scan# 688

Delta R.T. 0.00 min

Lab File: VD061593.D

Acq: 4 Apr 2019 21:50

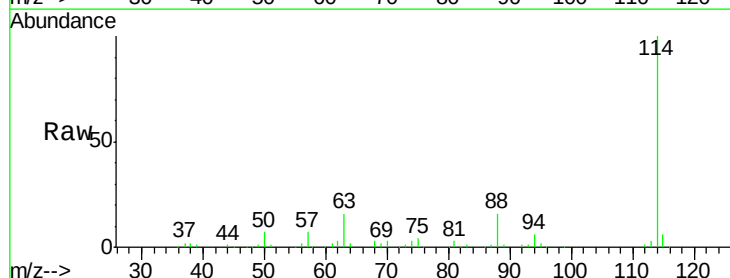
Tgt Ion: 114 Resp: 669965

Ion Ratio Lower Upper

114 100

63 16.1 0.0 31.6

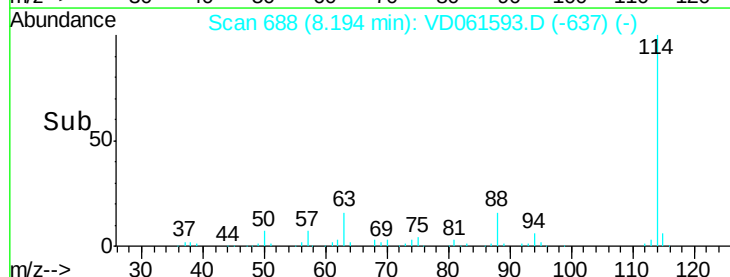
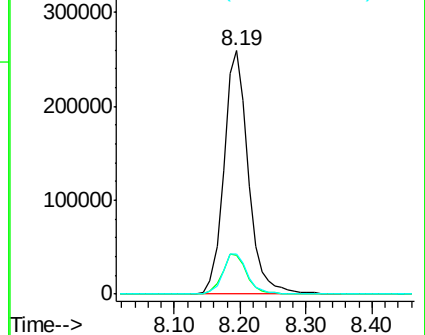
88 16.3 0.0 33.4

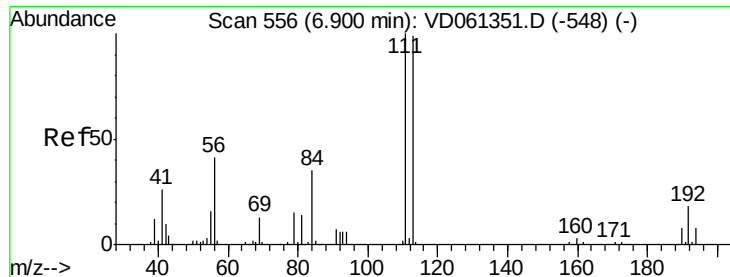


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

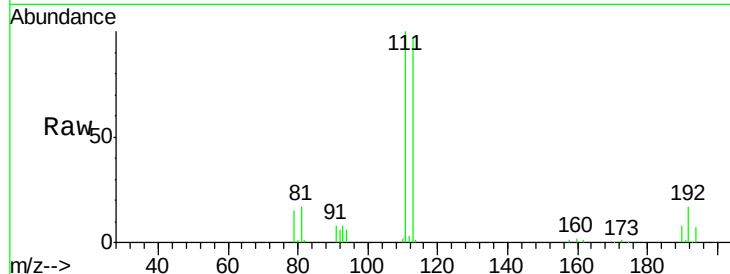




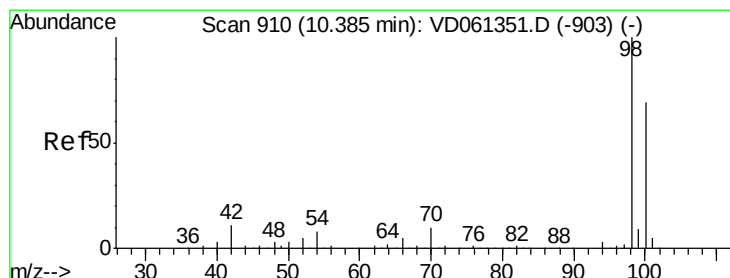
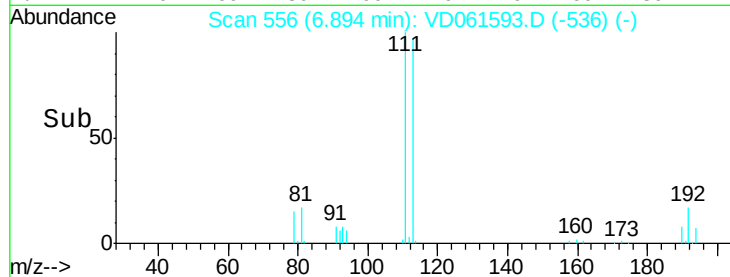
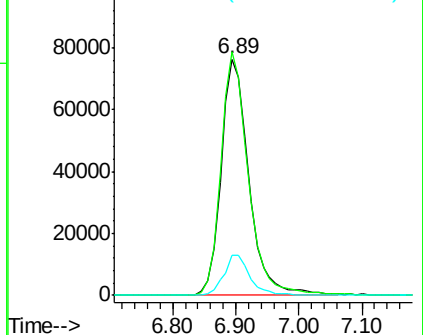
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.89 min Scan# 556
Delta R.T. -0.01 min
Lab File: VD061593.D
Acq: 4 Apr 2019 21:50

Instrument :
MSVOA_D
ClientSampleId :
SB-01-(0-2)

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.0	121.6
192	17.1	14.4	21.6

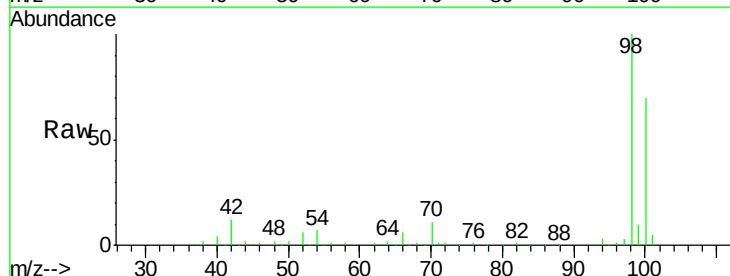


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

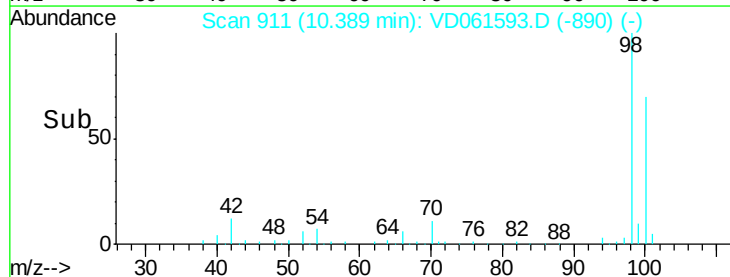
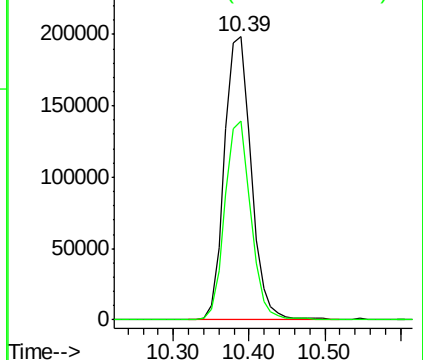


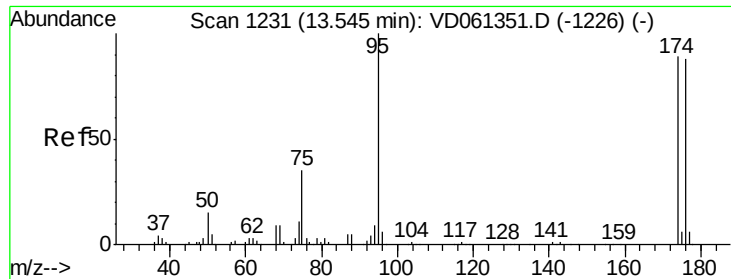
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.00 min
Lab File: VD061593.D
Acq: 4 Apr 2019 21:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	70.5	56.2	84.2



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

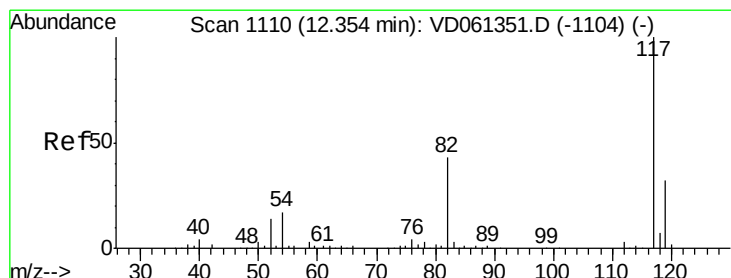
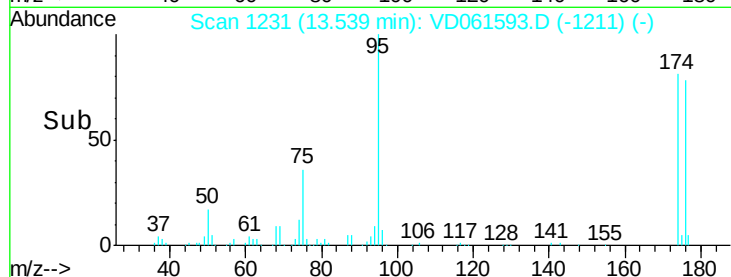
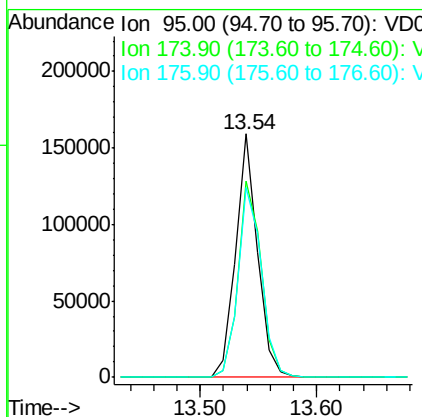
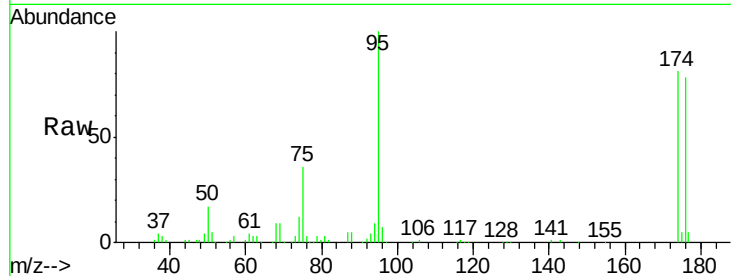




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061593.D
Acq: 4 Apr 2019 21:50

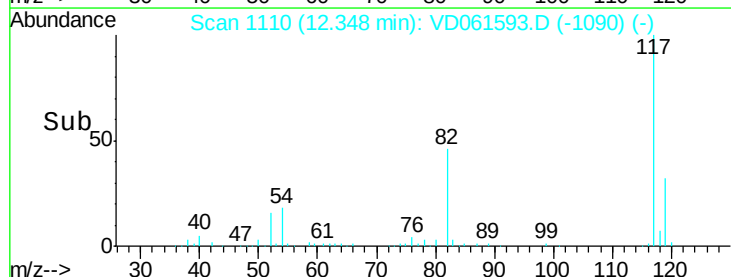
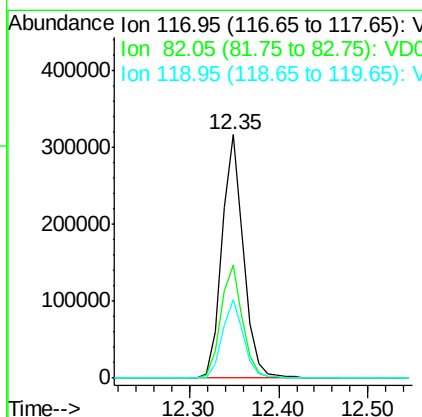
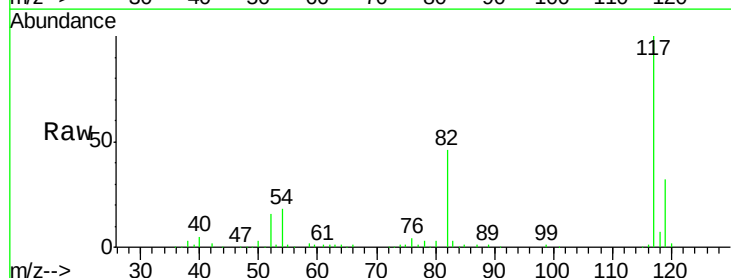
Instrument :
MSVOA_D
ClientSampleId :
SB-01-(0-2)

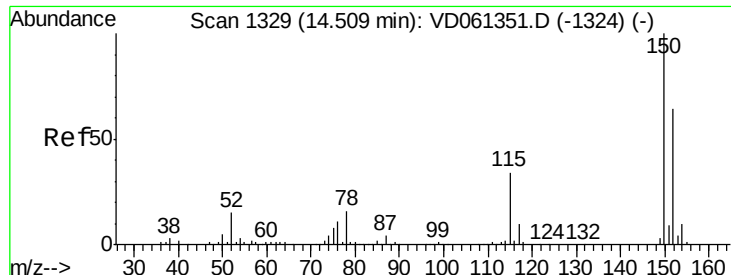
Tot Ion: 95 Resp: 207001
Ion Ratio Lower Upper
95 100
174 80.8 0.0 178.0
176 78.1 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD061593.D
Acq: 4 Apr 2019 21:50

Tgt Ion: 117 Resp: 537530
Ion Ratio Lower Upper
117 100
82 46.3 34.4 51.6
119 32.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.50 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD061593.D

Acq: 4 Apr 2019 21:50

Instrument :

MSVOA_D

ClientSampleId :

SB-01-(0-2)

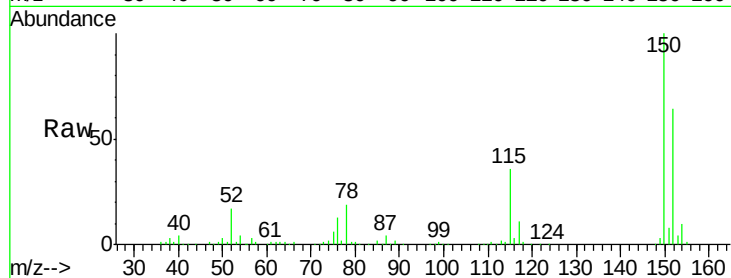
Tot Ion:152 Resp: 263039

Ion Ratio Lower Upper

152 100

115 56.1 26.9 80.6

150 156.4 0.0 318.0



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

