

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063545.D
 Acq On : 13 Aug 2019 23:26
 Operator : JC/SY
 Sample : K4290-04
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-4

Quant Time: Aug 14 09:42:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

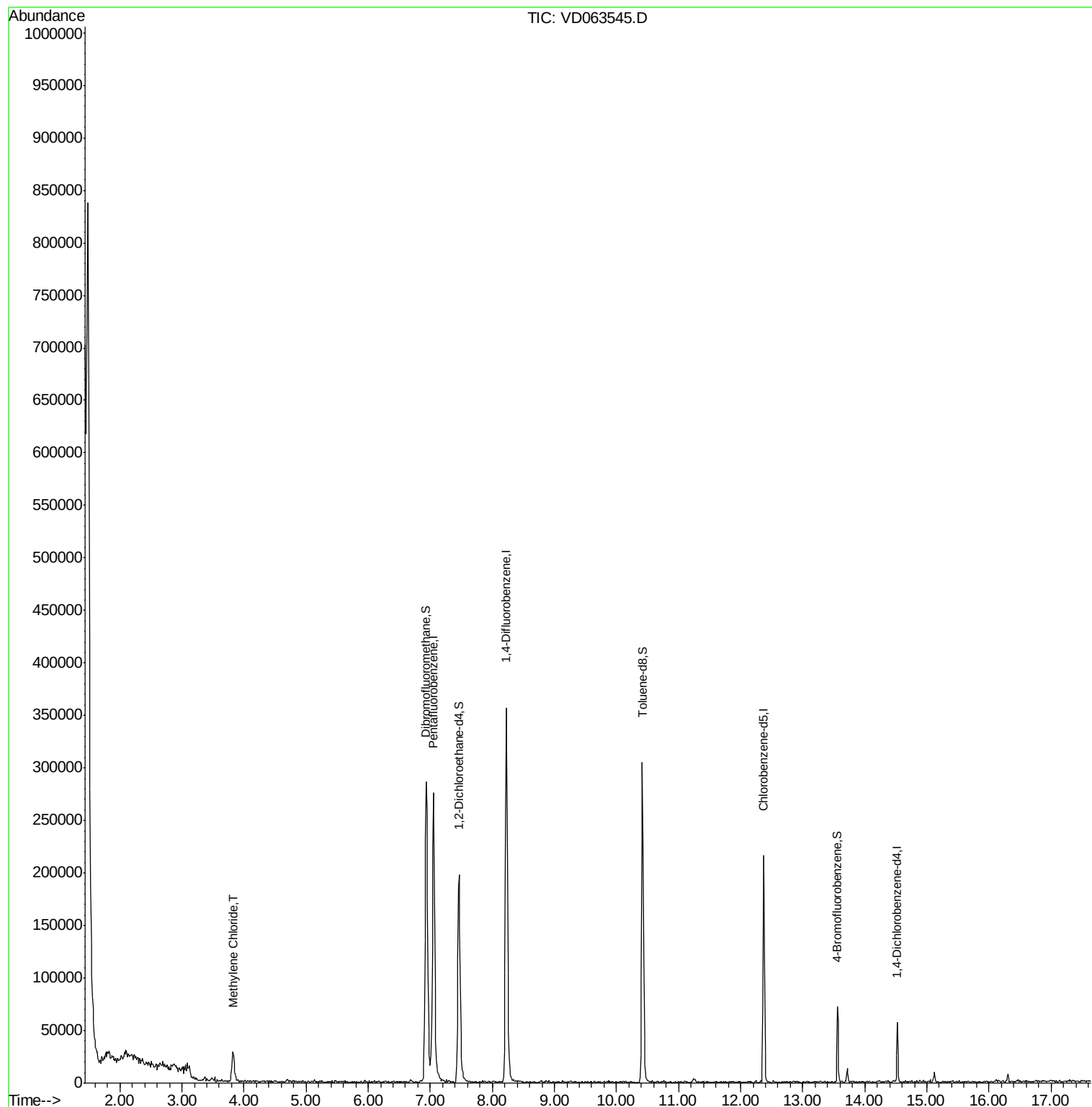
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	263703	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	390096	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.38	117	130871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	11390	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	229674	81.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	162.96%	
35) Dibromofluoromethane	6.93	113	249576	75.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	151.92%	
50) Toluene-d8	10.42	98	229673	31.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.60%	
62) 4-Bromofluorobenzene	13.56	95	21721	6.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	13.26%	
Target Compounds						
20) Methylene Chloride	3.82	84	18072	7.294	ug/l	Qvalue 91

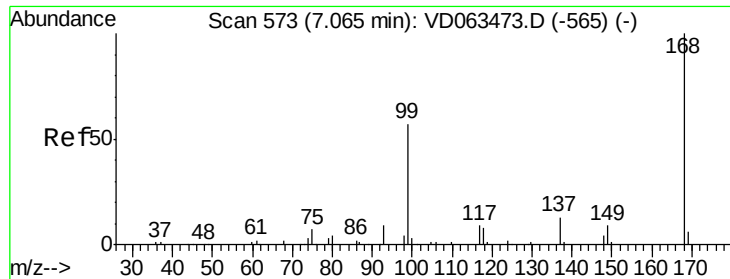
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD063545.D

Acq: 13 Aug 2019 23:26

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MSVOA_D

ClientSampleId :

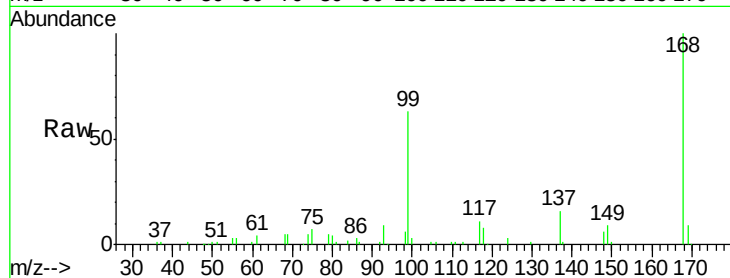
B-4

Tot Ion:168 Resp: 263703

Ion Ratio Lower Upper

168 100

99 62.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

100000

80000

60000

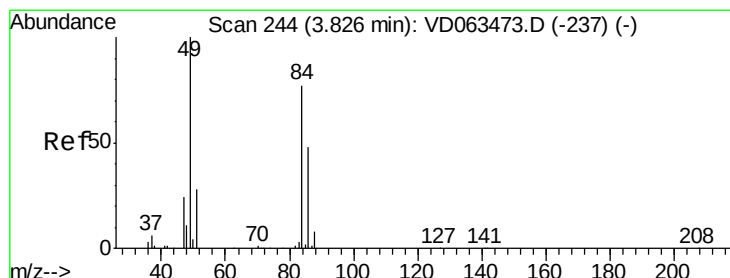
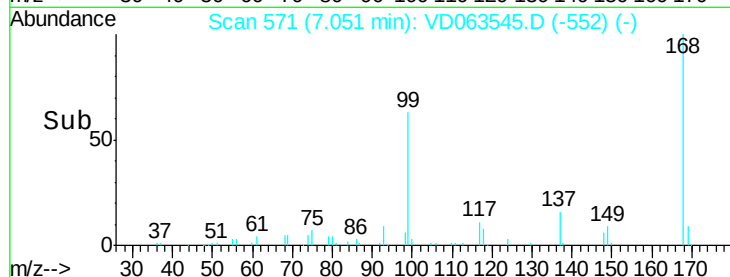
40000

20000

0

Time-->

6.90 7.00 7.10 7.20



#20

Methylene Chloride

Concen: 7.294 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.00 min

Lab File: VD063545.D

Acq: 13 Aug 2019 23:26

Tgt Ion: 84 Resp: 18072

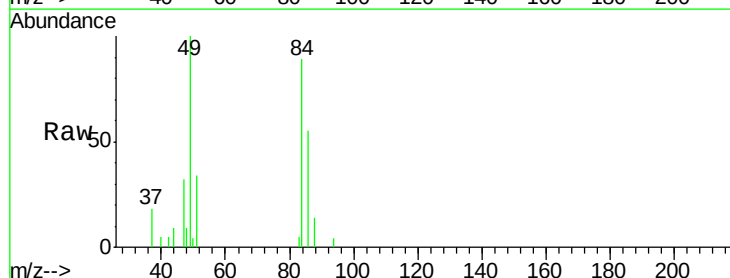
Ion Ratio Lower Upper

84 100

49 112.9 103.4 155.2

51 37.8 28.5 42.7

86 62.4 49.4 74.2



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

12000

10000

8000

6000

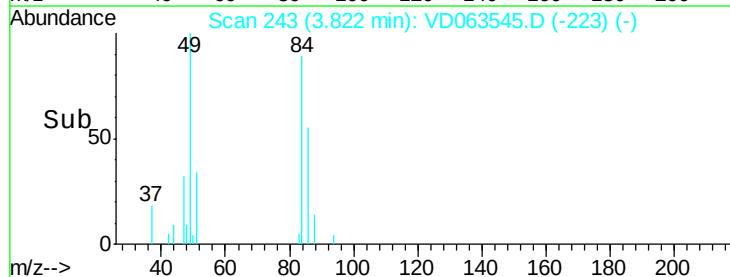
4000

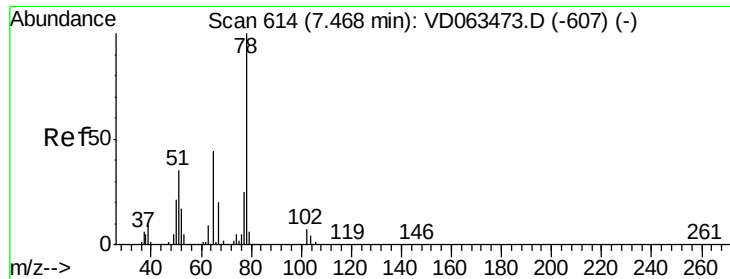
2000

0

Time-->

3.75 3.80 3.85 3.90

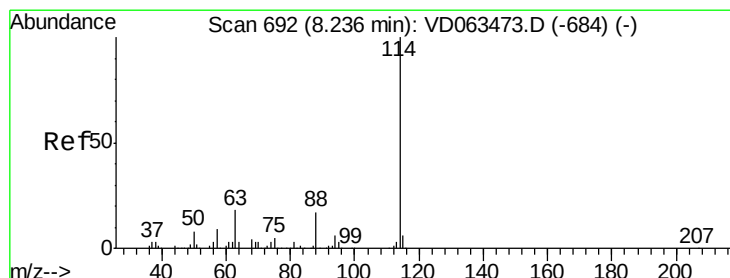
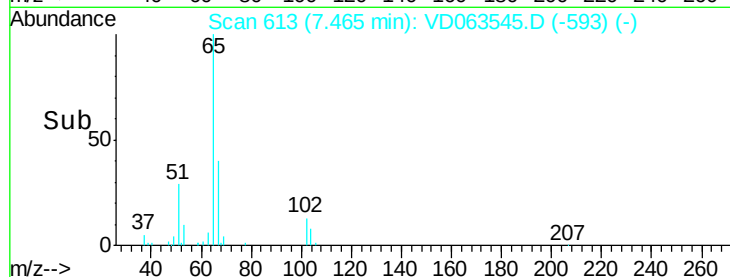
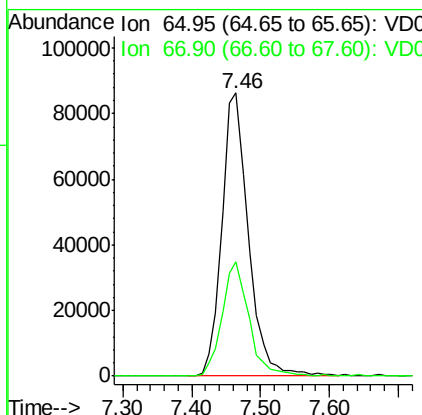
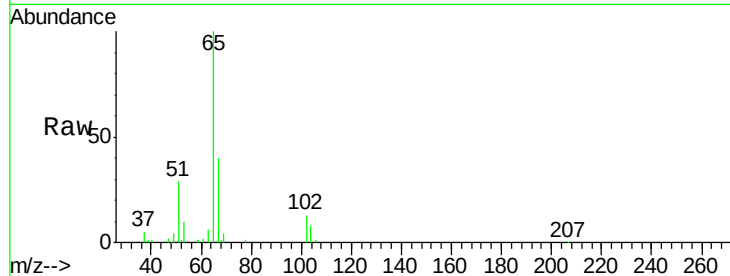




#33
 1,2-Dichloroethane-d4
 Concen: 81.480 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: VD063545.D
 Acq: 13 Aug 2019 23:26

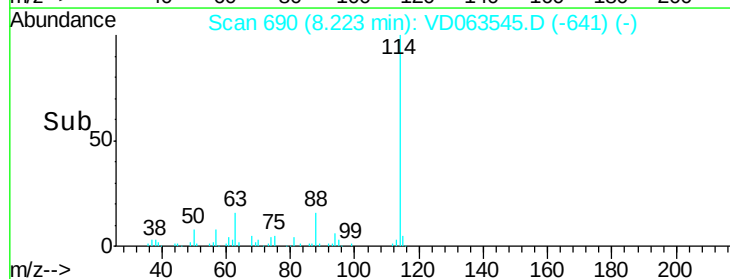
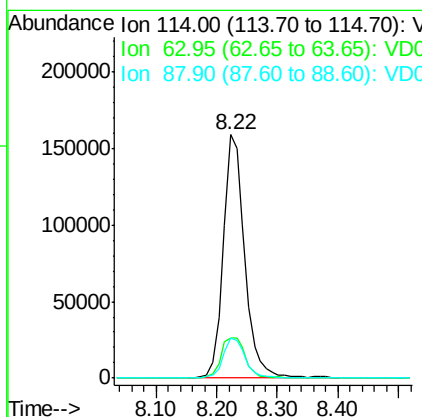
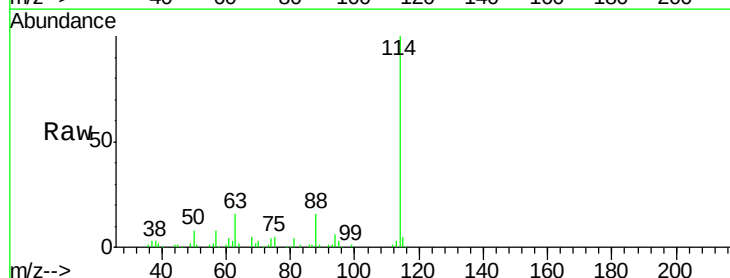
Instrument :
 MSVOA_D
 ClientSampleId :
 B-4

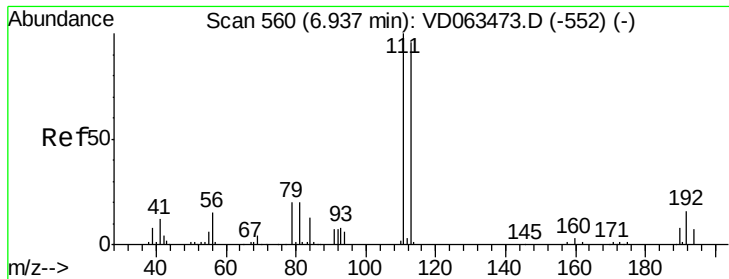
Tot Ion: 65 Resp: 229674
 Ion Ratio Lower Upper
 65 100
 67 40.4 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: VD063545.D
 Acq: 13 Aug 2019 23:26

Tgt Ion: 114 Resp: 390096
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 36.2
 88 16.4 0.0 35.0

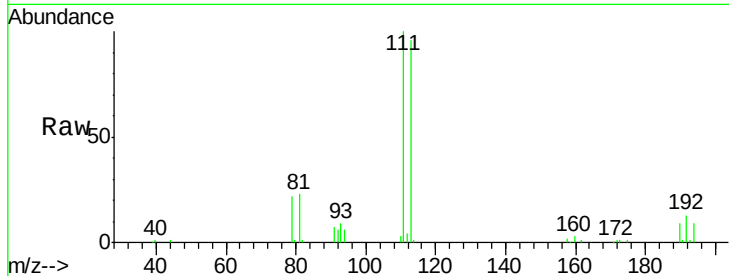




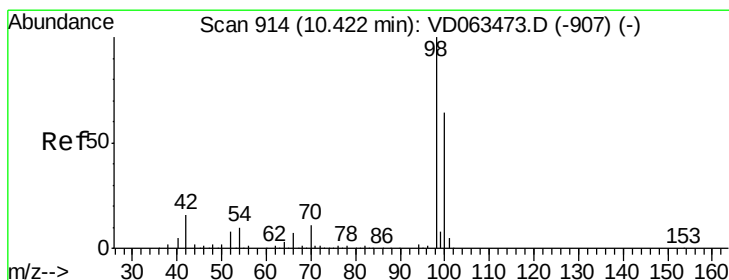
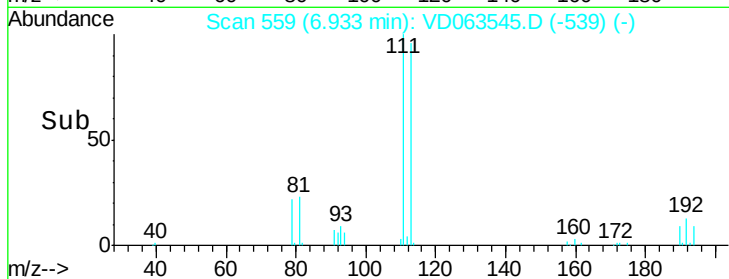
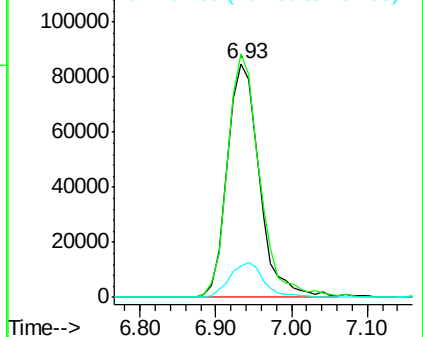
#35
 Dibromofluoromethane
 Concen: 75.965 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD063545.D
 Acq: 13 Aug 2019 23:26

Instrument :
 MSVOA_D
 ClientSampleId :
 B-4

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.1	124.7
192	13.3	13.1	19.7

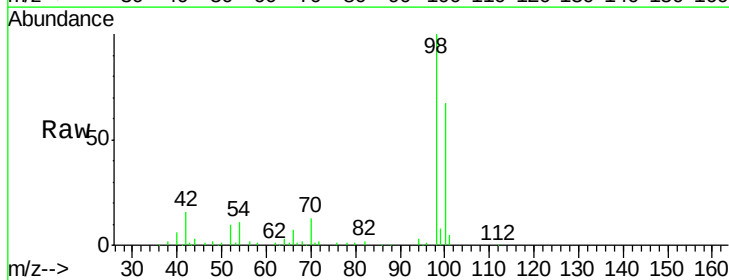


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

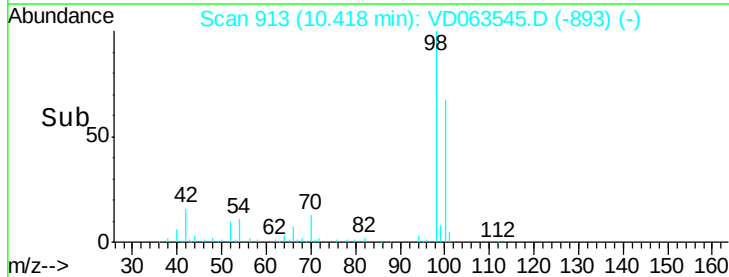
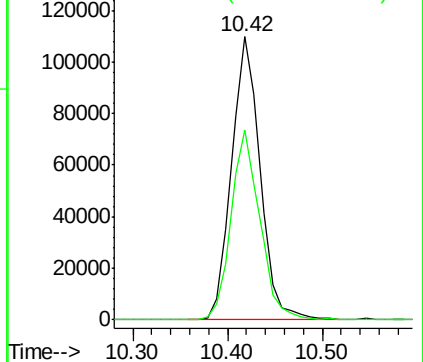


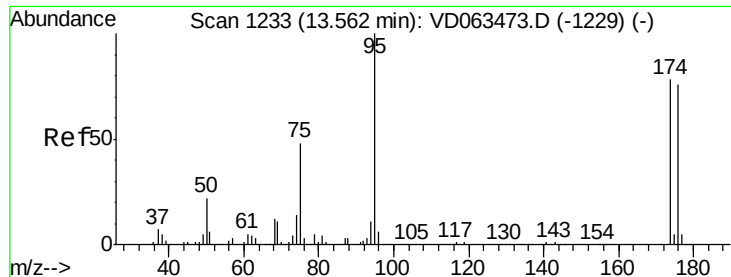
#50
 Toluene-d8
 Concen: 31.797 ug/l
 RT: 10.42 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: VD063545.D
 Acq: 13 Aug 2019 23:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	51.7	77.5



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

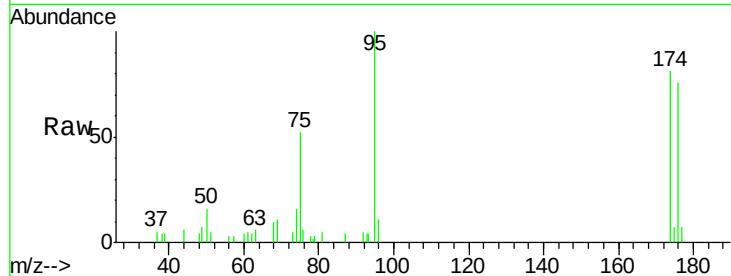




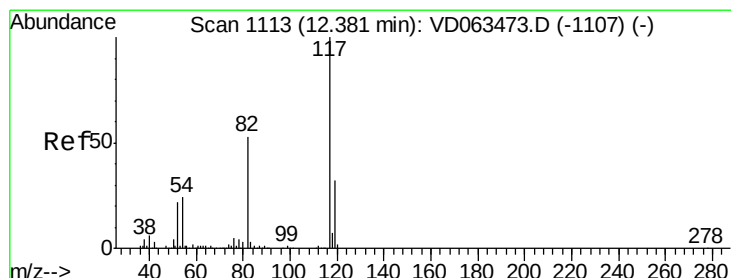
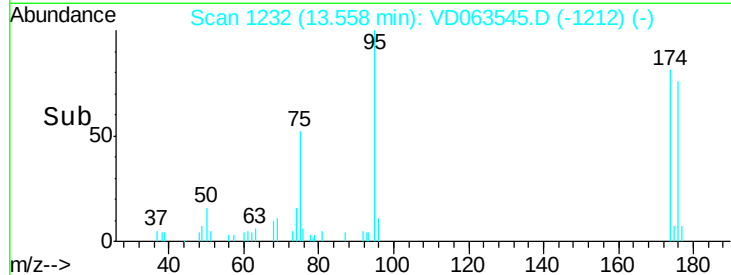
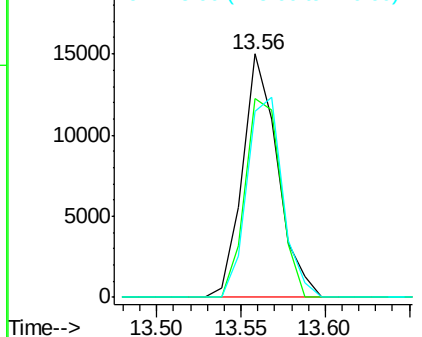
#62
4-Bromofluorobenzene
Concen: 6.635 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063545.D
Acq: 13 Aug 2019 23:26

Instrument :
MSVOA_D
ClientSampled :
B-4

Tot Ion: 95 Resp: 21721
Ion Ratio Lower Upper
95 100
174 81.5 0.0 155.4
176 76.2 0.0 152.4

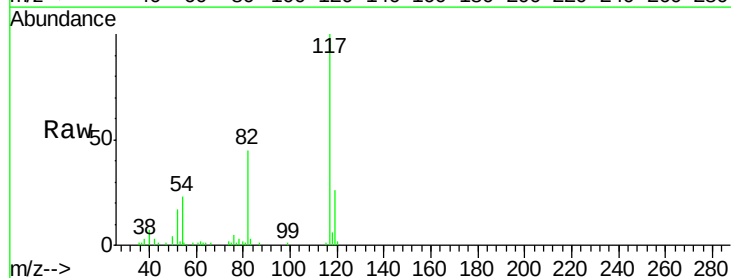


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

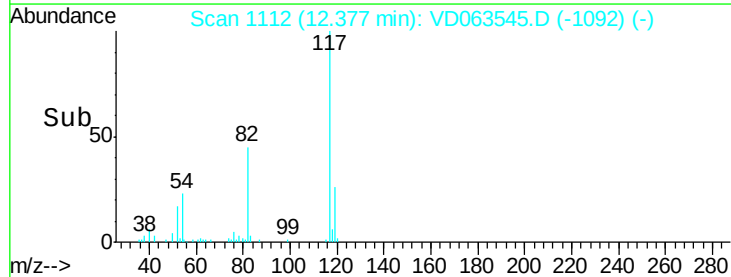
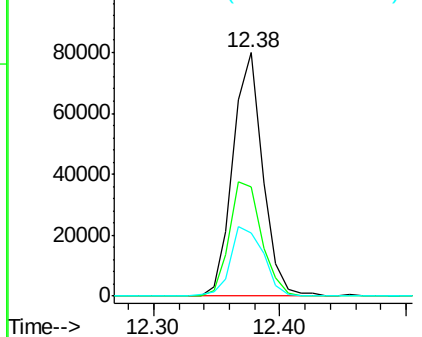


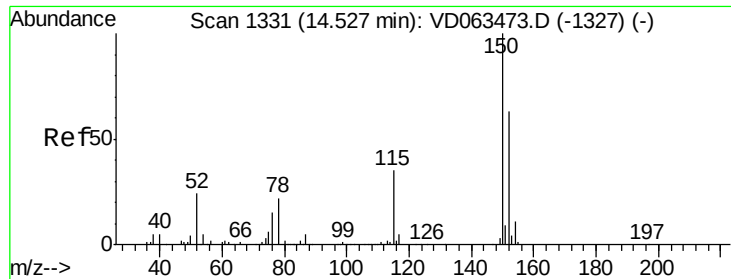
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD063545.D
Acq: 13 Aug 2019 23:26

Tgt Ion: 117 Resp: 130871
Ion Ratio Lower Upper
117 100
82 45.0 42.0 63.0
119 26.0 25.4 38.0



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: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD063545.D

Acq: 13 Aug 2019 23:26

Instrument :

MSVOA_D

ClientSampleId :

B-4

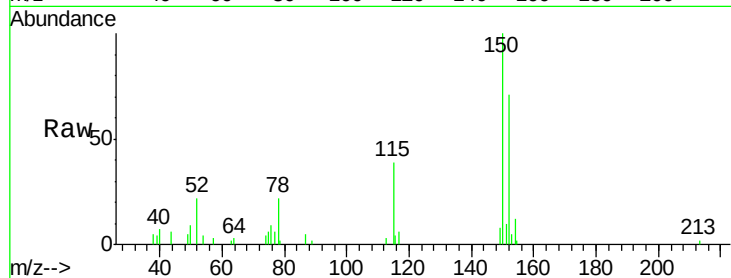
Tot Ion:152 Resp: 11390

Ion Ratio Lower Upper

152 100

115 61.2 30.9 92.7

150 140.2 0.0 318.6



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

