

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010220\
 Data File : VD064724.D
 Acq On : 02 Jan 2020 18:24
 Operator : VA/SY
 Sample : K6465-09
 Misc : 6.46G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-8

Quant Time: Jan 03 02:53:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

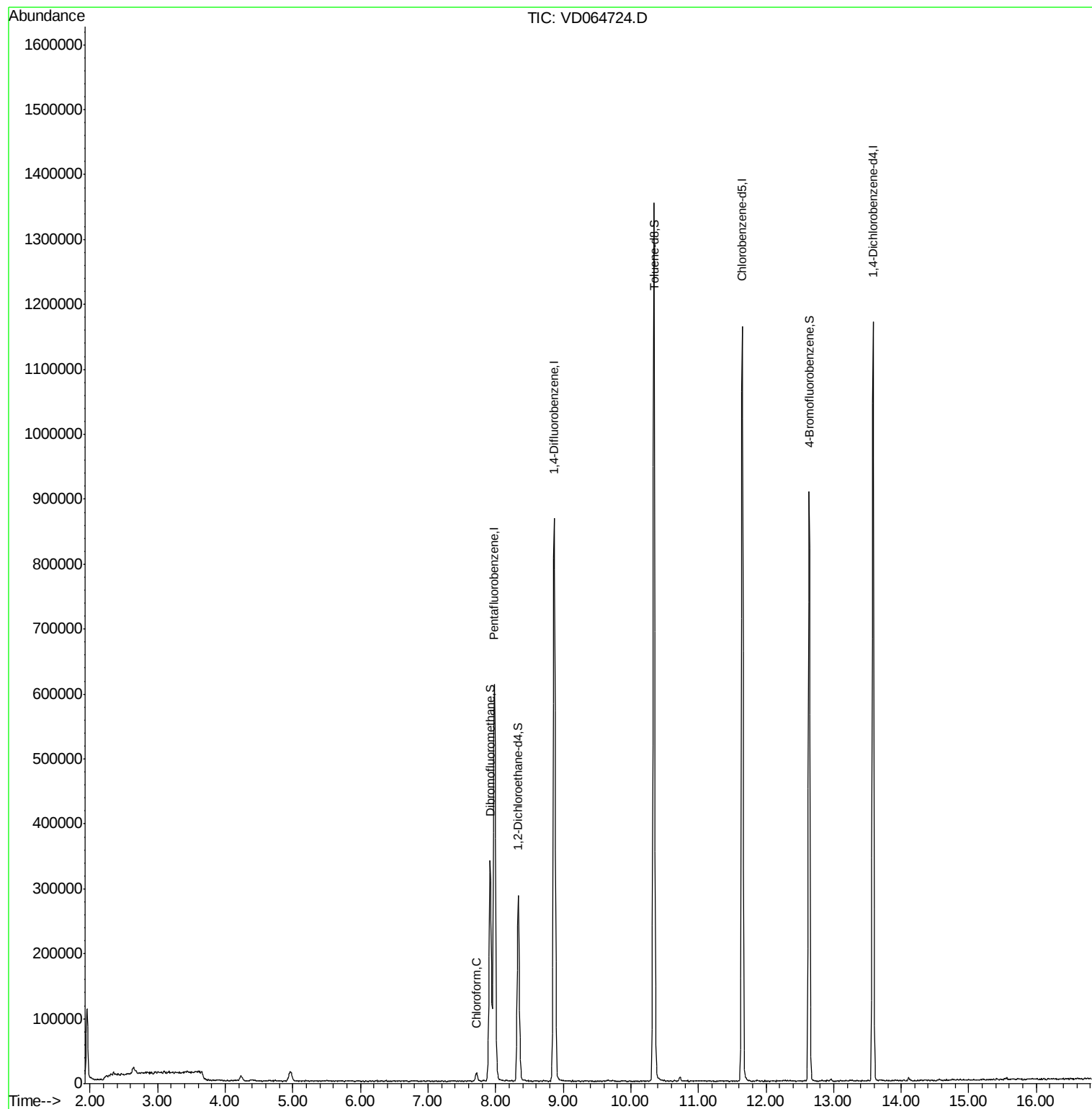
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	486258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	758313	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	668766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	303972	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	228535	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.60%	
35) Dibromofluoromethane	7.92	113	234526	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
50) Toluene-d8	10.34	98	904406	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.64	95	271753	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
Target Compounds						
30) Chloroform	7.72	83	10812	1.290	ug/l	Qvalue 92

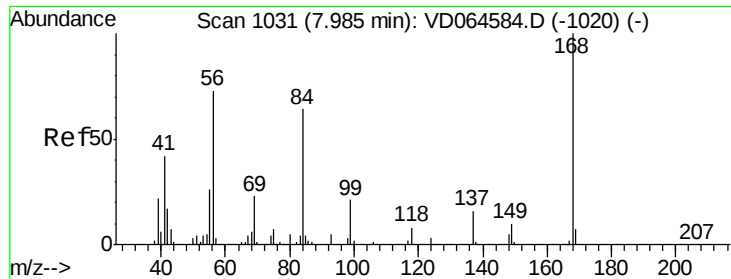
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064724.D

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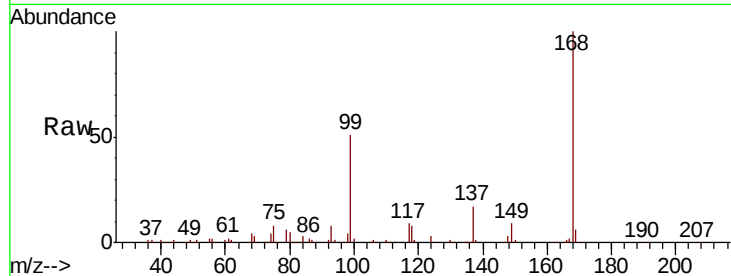
Instrument :
MSVOA_D
ClientSampleId :
SS-8

Tot Ion:168 Resp: 486258

Ion Ratio Lower Upper

168 100

99 51.0 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

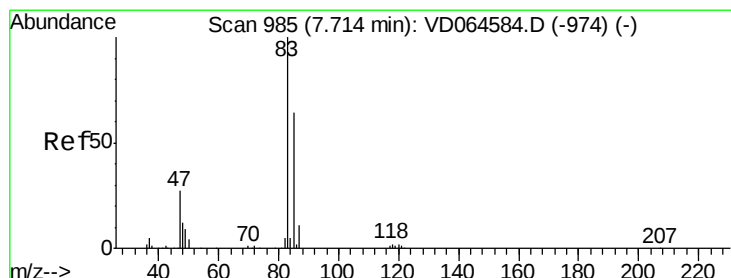
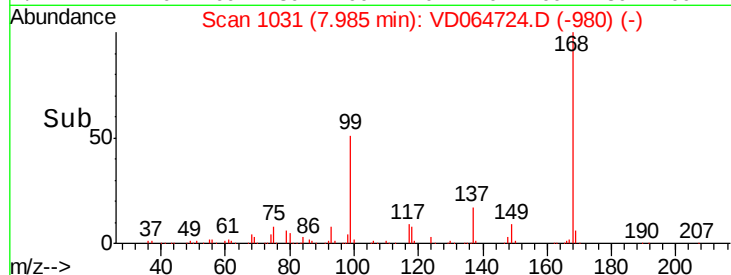
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 1.290 ug/l

RT: 7.72 min Scan# 986

Delta R.T. 0.01 min

Lab File: VD064724.D

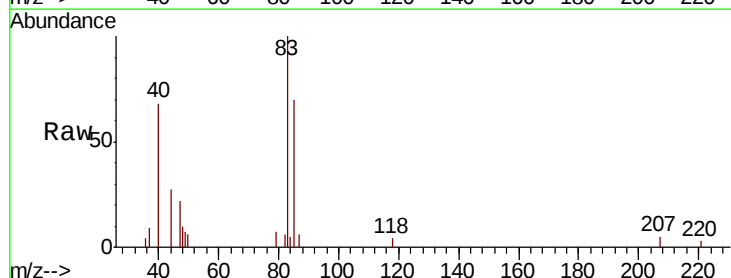
Acq: 02 Jan 2020 18:24

Tgt Ion: 83 Resp: 10812

Ion Ratio Lower Upper

83 100

85 69.8 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

7.72

5000

4000

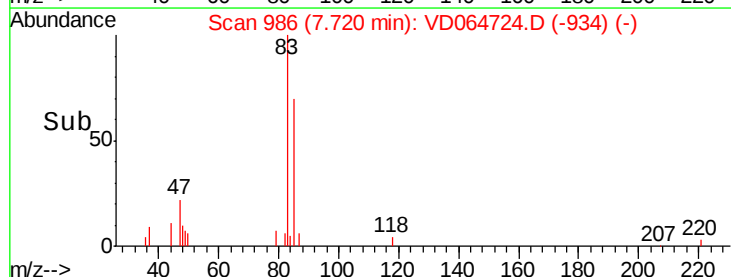
3000

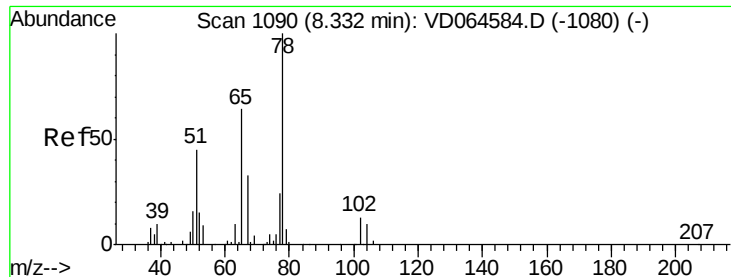
2000

1000

0

Time-->

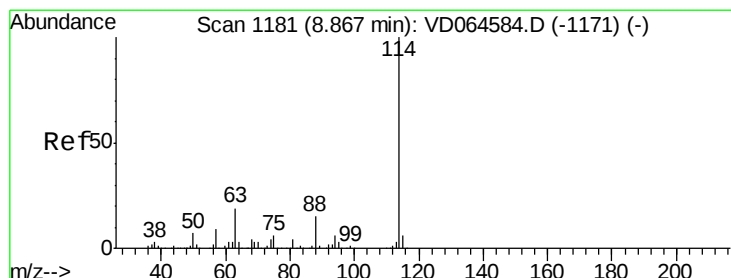
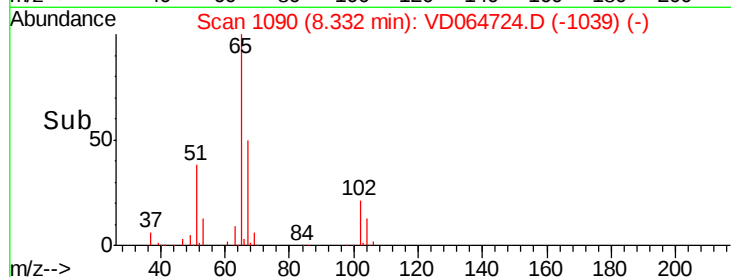
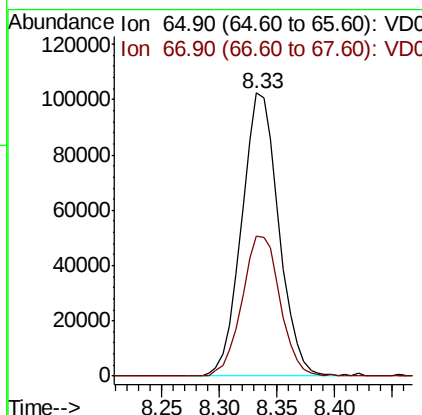
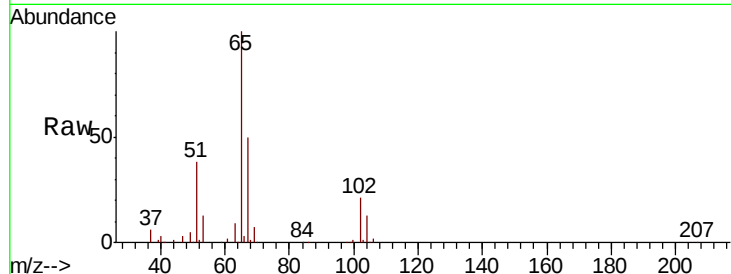




#33
 1,2-Dichloroethane-d4
 Concen: 53.299 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064724.D
 Acq: 02 Jan 2020 18:24

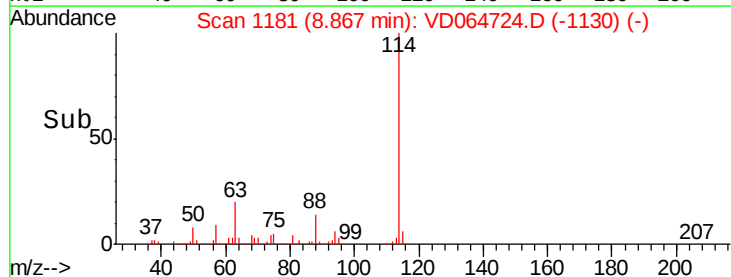
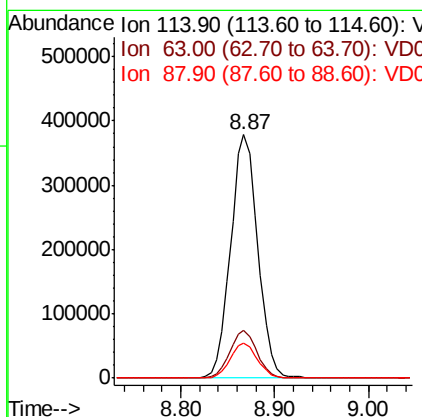
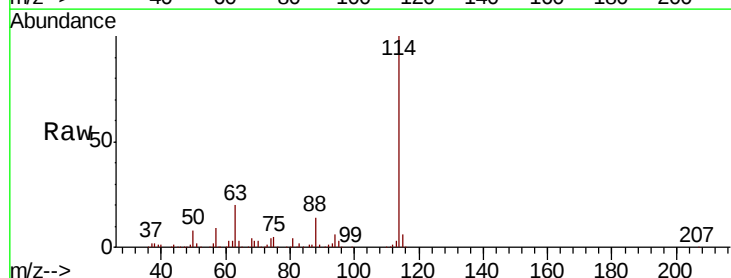
Instrument :
 MSVOA_D
 ClientSampleId :
 SS-8

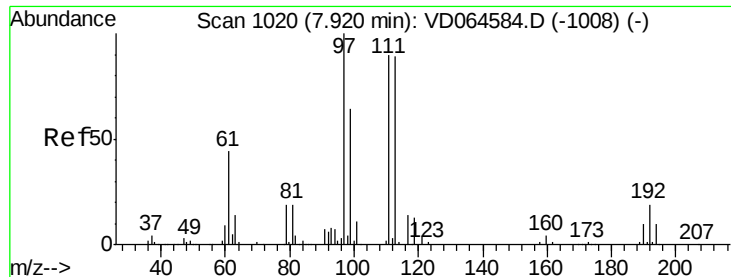
Tot Ion: 65 Resp: 228535
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064724.D
 Acq: 02 Jan 2020 18:24

Tgt Ion: 114 Resp: 758313
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.0
 88 14.3 0.0 29.2

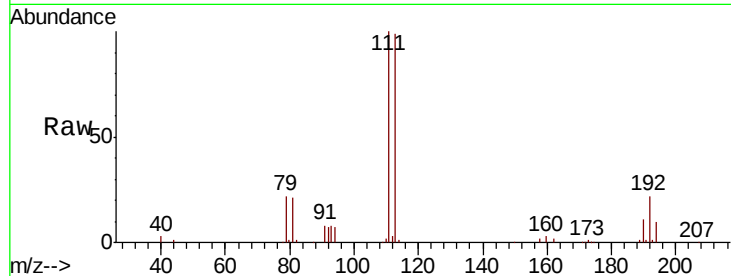




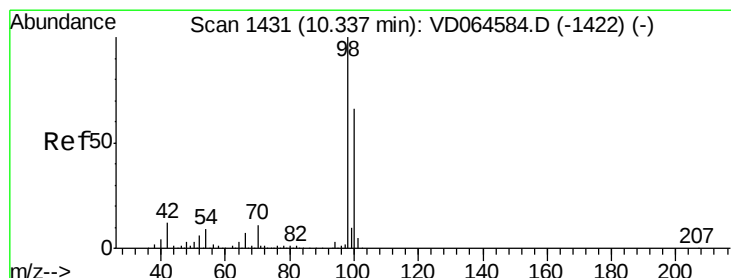
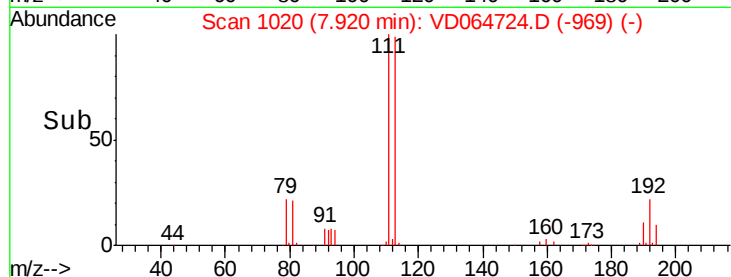
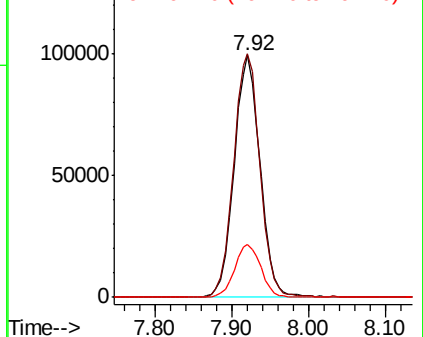
#35
 Dibromofluoromethane
 Concen: 50.410 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064724.D
 Acq: 02 Jan 2020 18:24

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-8

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.6	121.0
192	22.2	17.9	26.9

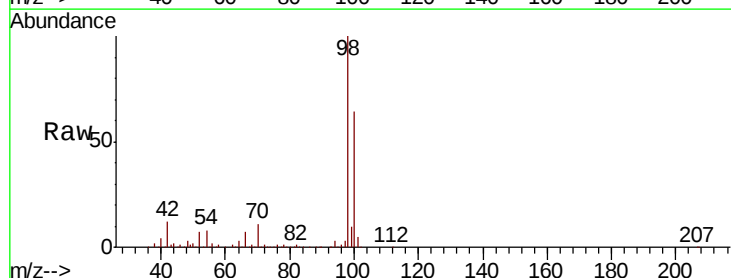


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

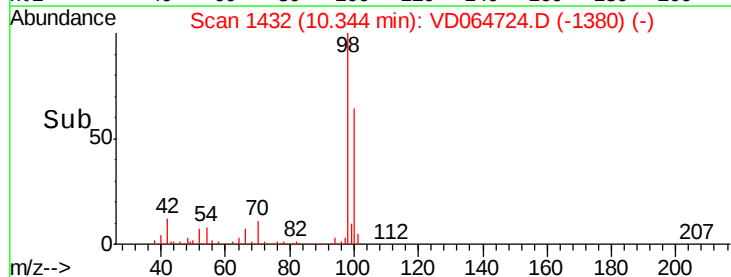
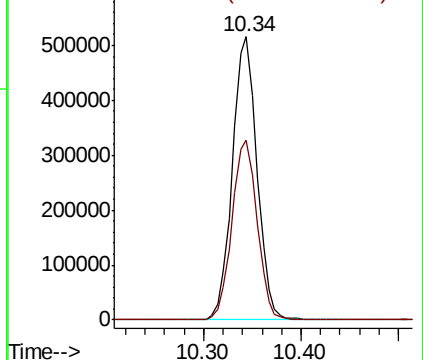


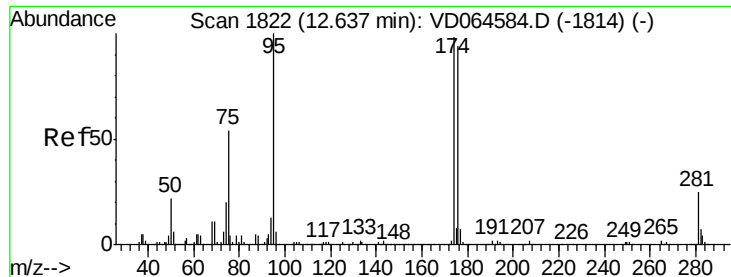
#50
 Toluene-d8
 Concen: 50.758 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064724.D
 Acq: 02 Jan 2020 18:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.7	77.5



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VD





#62

4-Bromofluorobenzene

Concen: 48.232 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064724.D

Acq: 02 Jan 2020 18:24

Instrument :

MSVOA_D

ClientSampleId :

SS-8

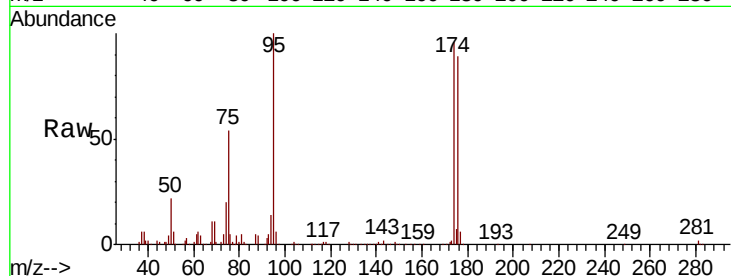
Tot Ion: 95 Resp: 271753

Ion Ratio Lower Upper

95 100

174 95.2 0.0 193.2

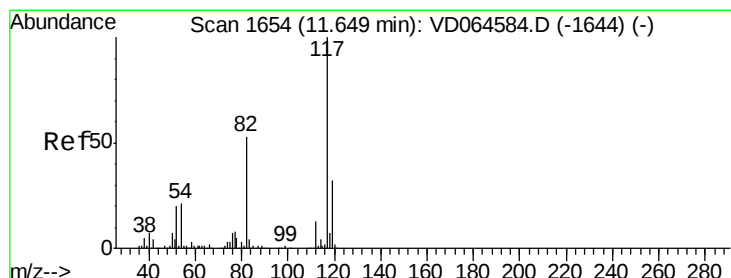
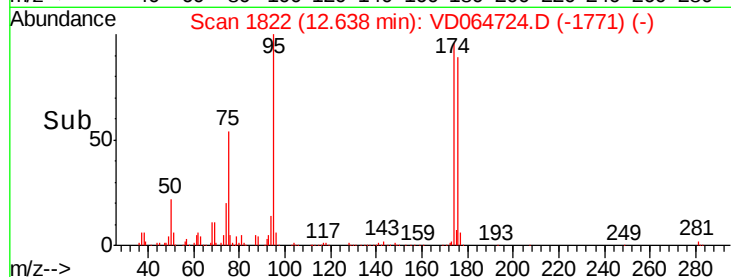
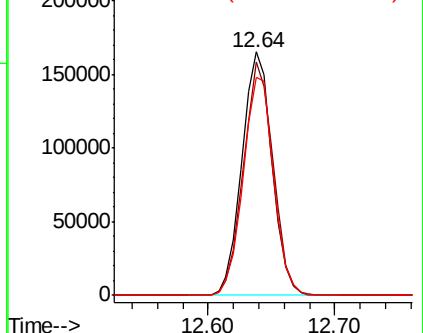
176 91.0 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064724.D

Acq: 02 Jan 2020 18:24

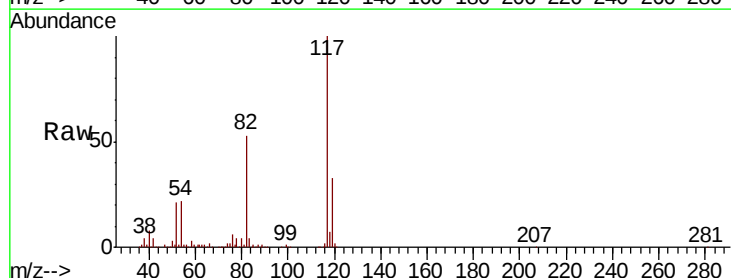
Tgt Ion: 117 Resp: 668766

Ion Ratio Lower Upper

117 100

82 53.0 42.2 63.4

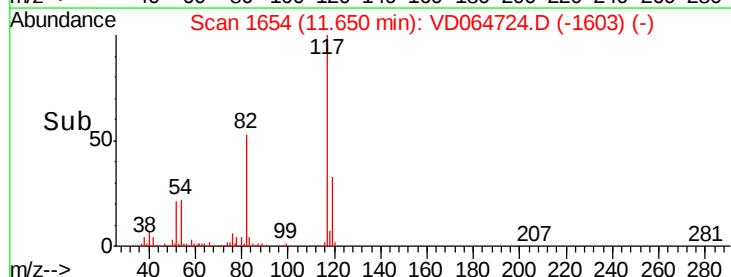
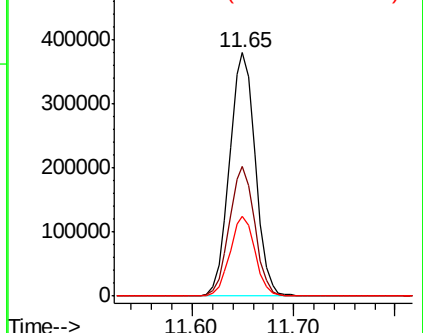
119 32.9 26.0 39.0

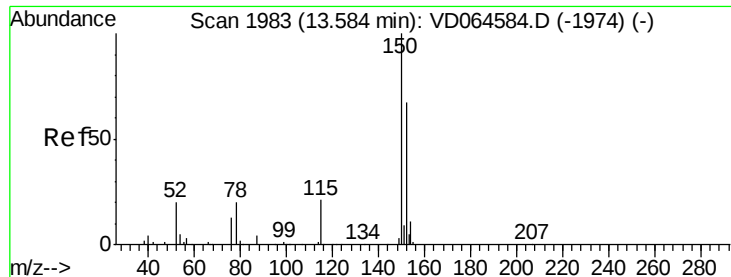


Abundance Ion 116.90 (116.60 to 117.60): VDC

Ion 82.00 (81.70 to 82.70): VDC

Ion 118.90 (118.60 to 119.60): VDC





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064724.D

Acq: 02 Jan 2020 18:24

Instrument :

MSVOA_D

ClientSampleId :

SS-8

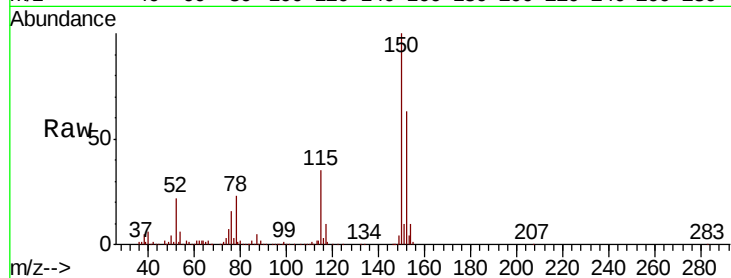
Tot Ion:152 Resp: 303972

Ion Ratio Lower Upper

152 100

115 55.2 27.8 83.4

150 158.3 0.0 351.4



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

