

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010620\
 Data File : VD064782.D
 Acq On : 06 Jan 2020 19:34
 Operator : VA/SY
 Sample : K6482-05
 Misc : 7.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MC-123119-0-1-GRAB-B4

Quant Time: Jan 07 02:42:00 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

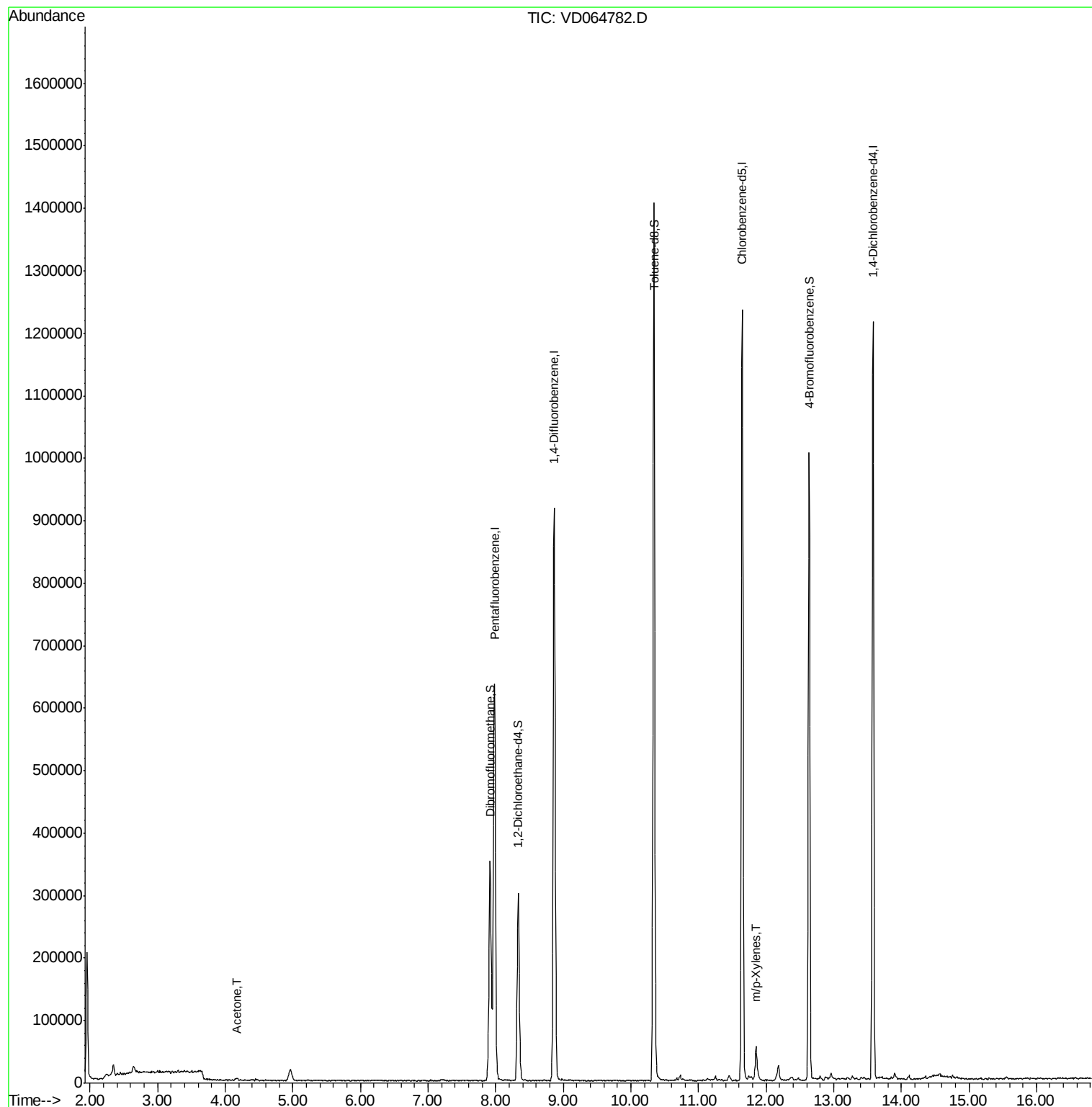
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	501285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	785355	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	703939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	331916	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	237356	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.40%	
35) Dibromofluoromethane	7.92	113	243197	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
50) Toluene-d8	10.34	98	944229	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.64	95	293975	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
Target Compounds						
16) Acetone	4.17	43	4927	8.848	ug/l #	78
68) m/p-Xylenes	11.86	106	15916	1.555	ug/l	91

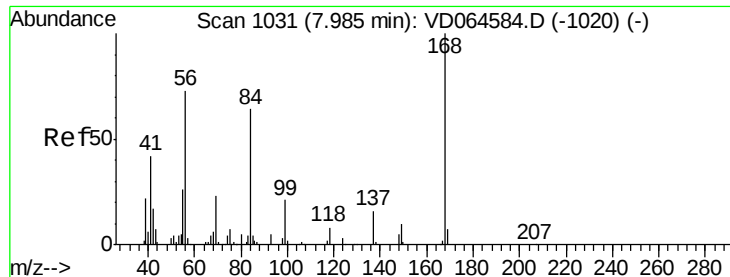
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD010620\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064782.D

Acq: 06 Jan 2020 19:34

Instrument :

MSVOA_D

ClientSampleId :

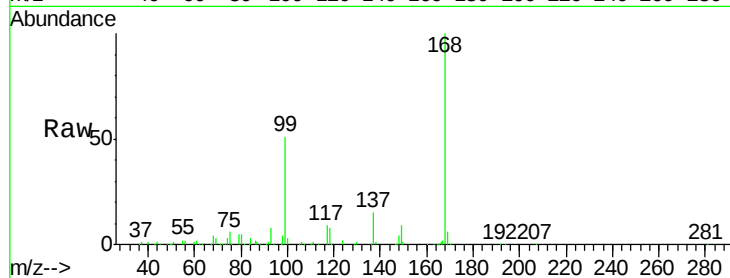
MC-123119-0-1-GRAB-B4

Tgt Ion:168 Resp: 501285

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

7.98

250000

200000

150000

100000

50000

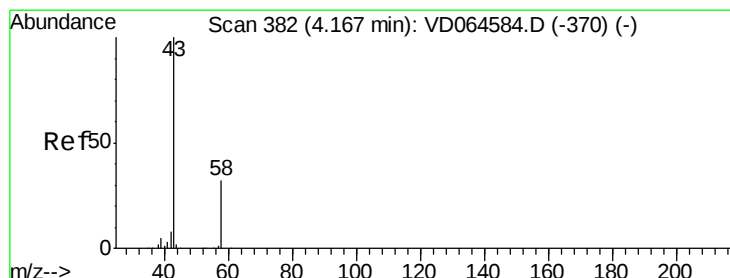
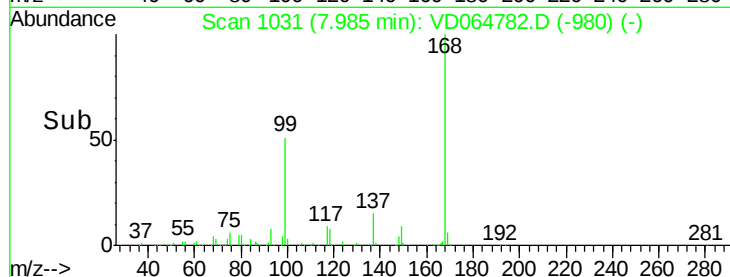
0

Time-->

7.90

8.00

8.10



#16

Acetone

Concen: 8.848 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064782.D

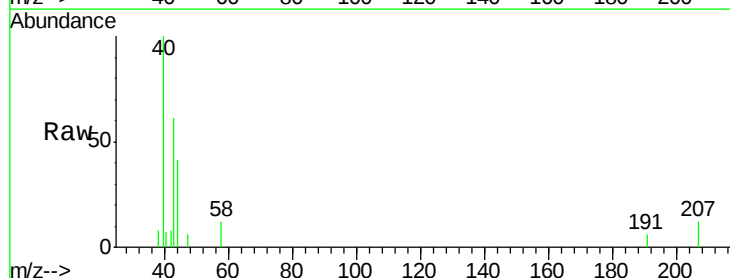
Acq: 06 Jan 2020 19:34

Tgt Ion: 43 Resp: 4927

Ion Ratio Lower Upper

43 100

58 20.2 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

2000

1500

1000

500

0

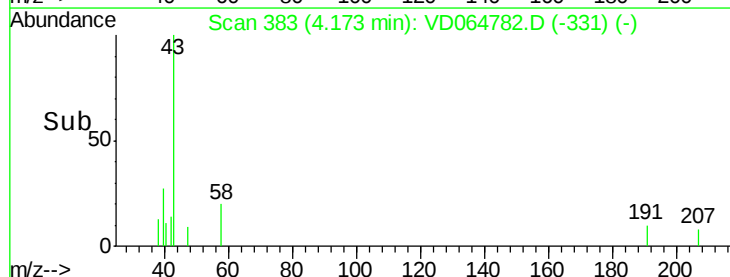
Time-->

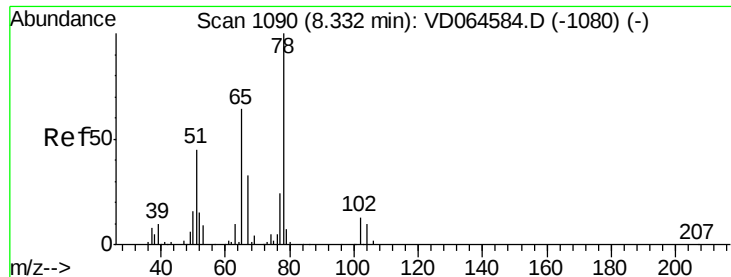
4.10

4.15

4.20

4.25





#33

1,2-Dichloroethane-d4

Concen: 53.697 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064782.D

Acq: 06 Jan 2020 19:34

Instrument :

MSVOA_D

ClientSampleId :

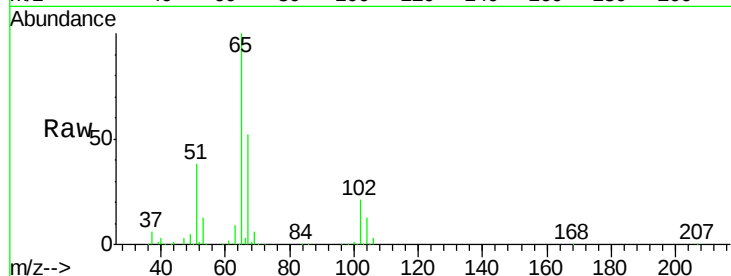
MC-123119-0-1-GRAB-B4

Tgt Ion: 65 Resp: 237356

Ion Ratio Lower Upper

65 100

67 51.0 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

120000

100000

80000

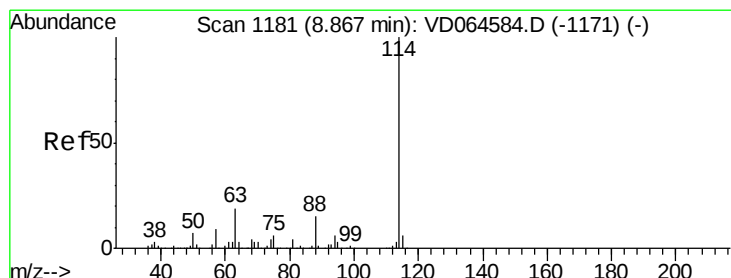
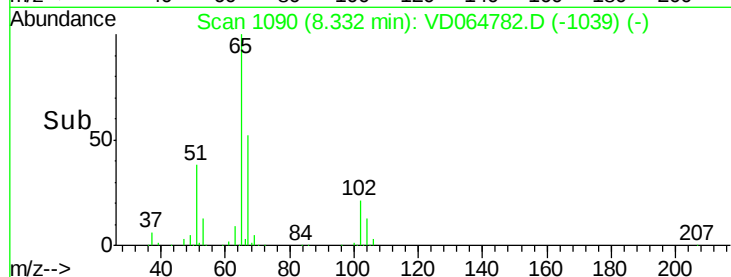
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064782.D

Acq: 06 Jan 2020 19:34

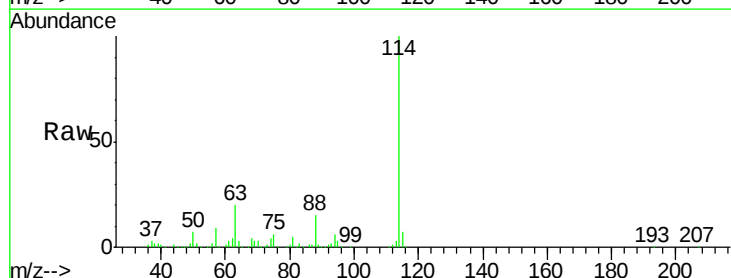
Tgt Ion: 114 Resp: 785355

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.0

88 14.8 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

500000

400000

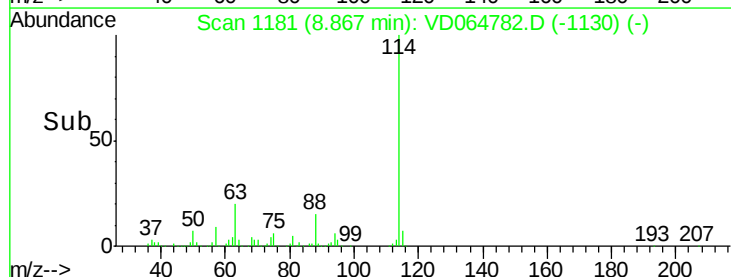
300000

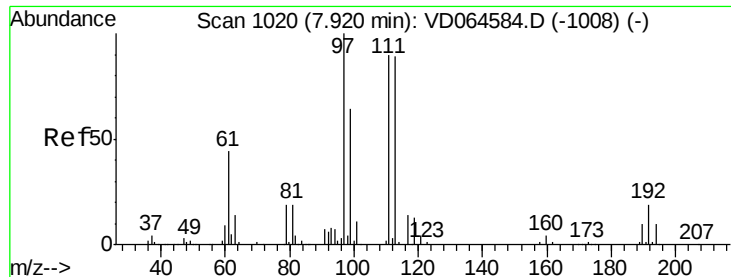
200000

100000

0

Time-->

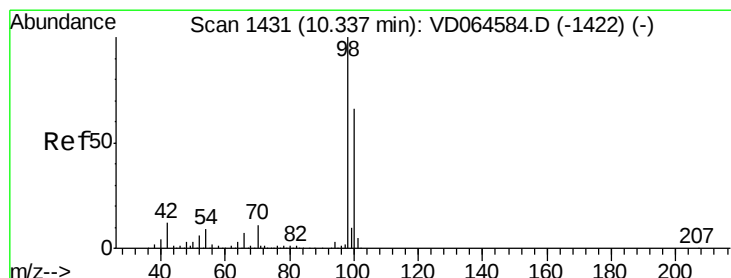
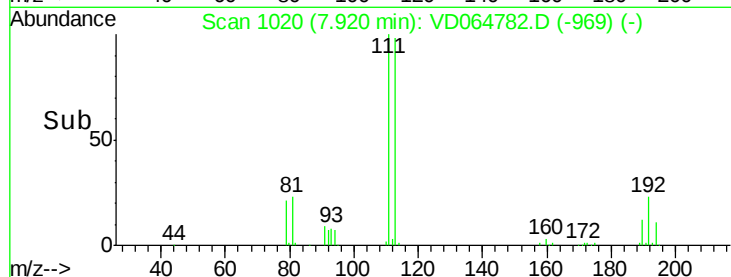
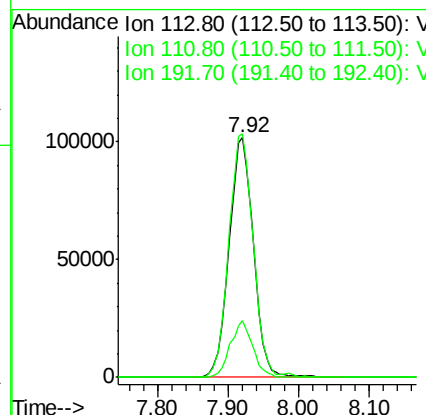
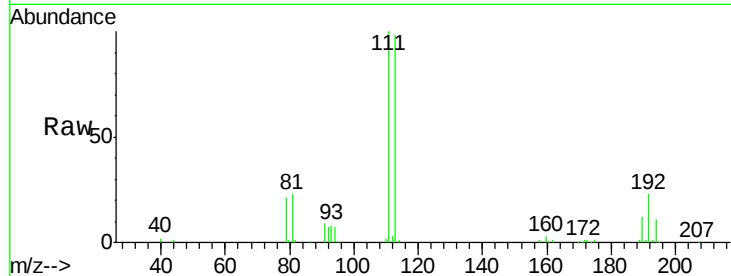




#35
 Dibromofluoromethane
 Concen: 50.474 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064782.D
 Acq: 06 Jan 2020 19:34

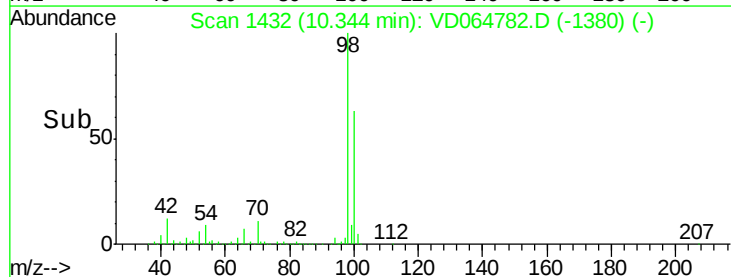
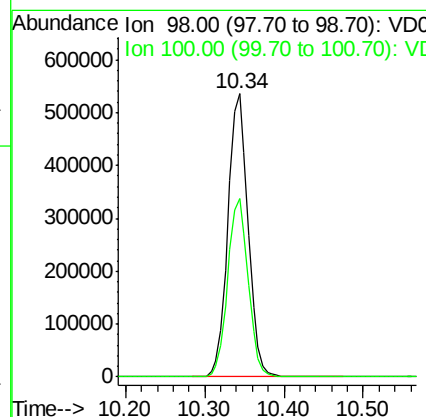
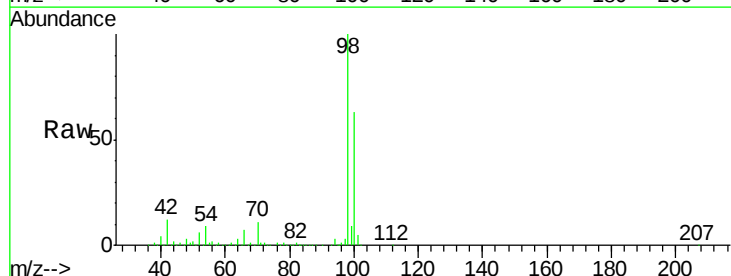
Instrument :
 MSVOA_D
 ClientSampleId :
 MC-123119-0-1-GRAB-B4

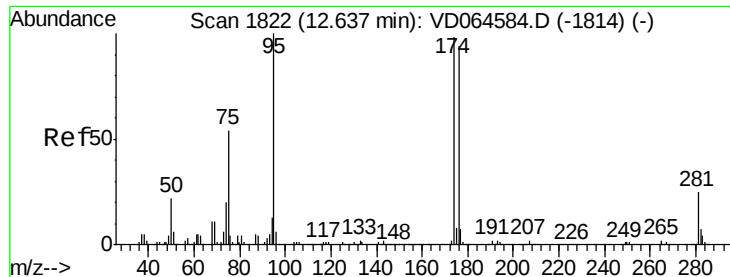
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.6	121.0
192	21.8	17.9	26.9



#50
 Toluene-d8
 Concen: 51.168 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064782.D
 Acq: 06 Jan 2020 19:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 50.380 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064782.D

Acq: 06 Jan 2020 19:34

Instrument :

MSVOA_D

ClientSampleId :

MC-123119-0-1-GRAB-B4

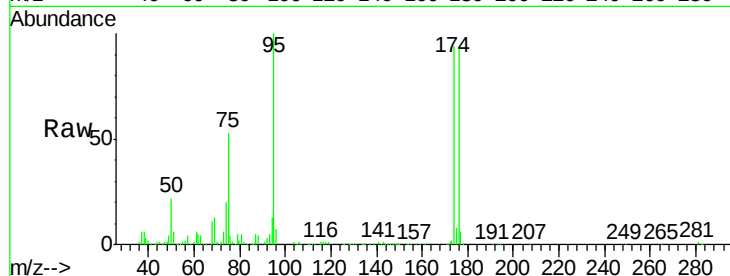
Tgt Ion: 95 Resp: 293975

Ion Ratio Lower Upper

95 100

174 93.5 0.0 193.2

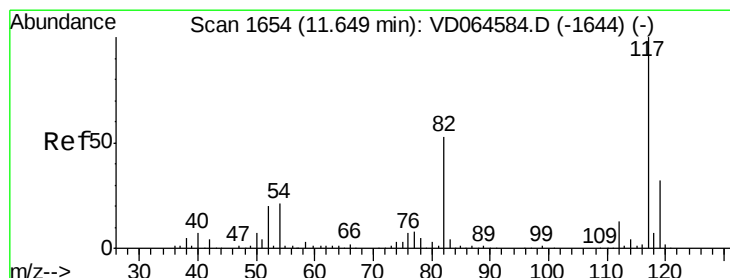
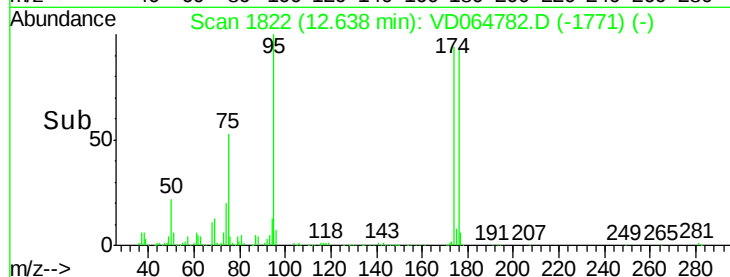
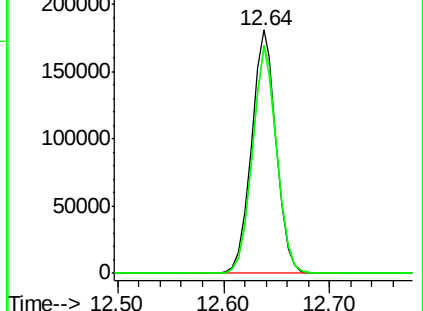
176 91.7 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064782.D

Acq: 06 Jan 2020 19:34

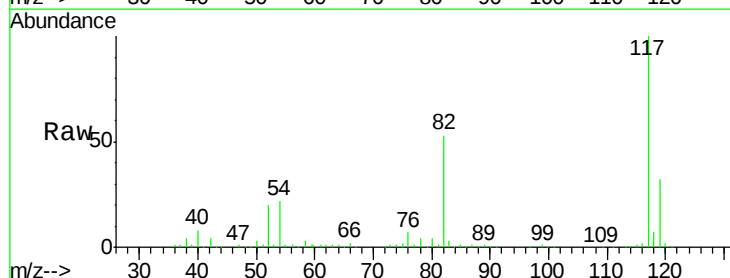
Tgt Ion: 117 Resp: 703939

Ion Ratio Lower Upper

117 100

82 53.1 42.2 63.4

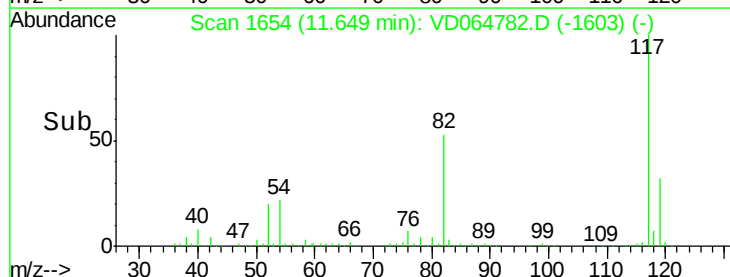
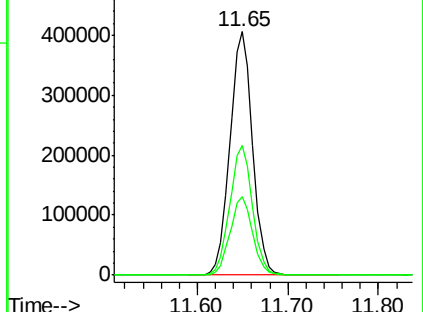
119 32.1 26.0 39.0

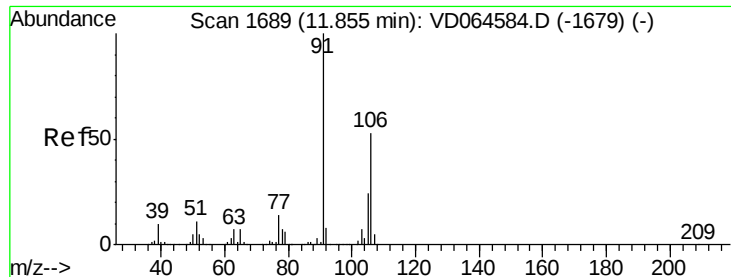


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

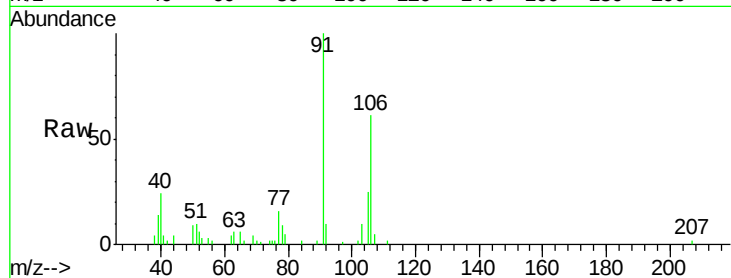




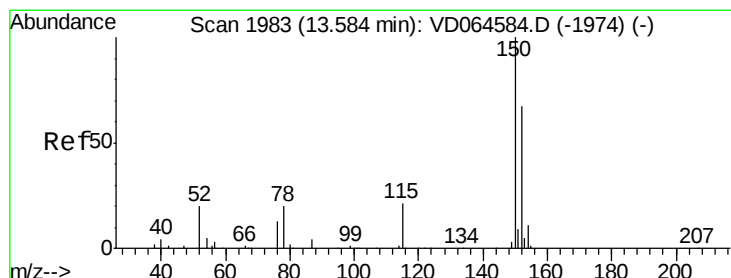
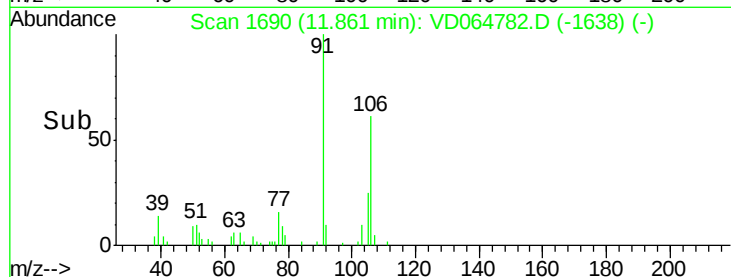
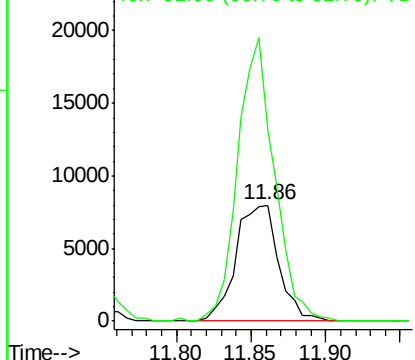
#68
m/p-Xylenes
Concen: 1.555 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD064782.D
Acq: 06 Jan 2020 19:34

Instrument :
MSVOA_D
ClientSampleId :
MC-123119-0-1-GRAB-B4

Tgt Ion:106 Resp: 15916
Ion Ratio Lower Upper
106 100
91 209.5 156.3 234.5

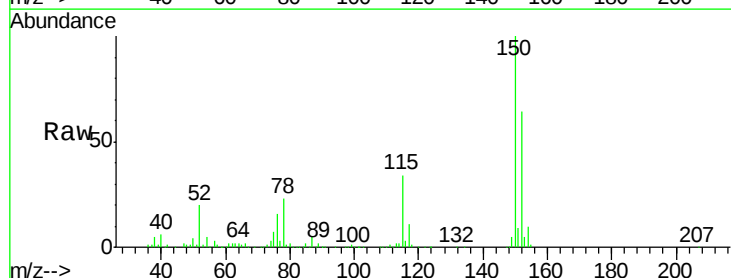


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064782.D
Acq: 06 Jan 2020 19:34

Tgt Ion:152 Resp: 331916
Ion Ratio Lower Upper
152 100
115 55.1 27.8 83.4
150 157.3 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

