

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010620\
 Data File : VD064780.D
 Acq On : 06 Jan 2020 18:37
 Operator : VA/SY
 Sample : K6482-01RE
 Misc : 6.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MC-123119-0-1-GRAB-B6RE

Quant Time: Jan 07 01:28:04 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

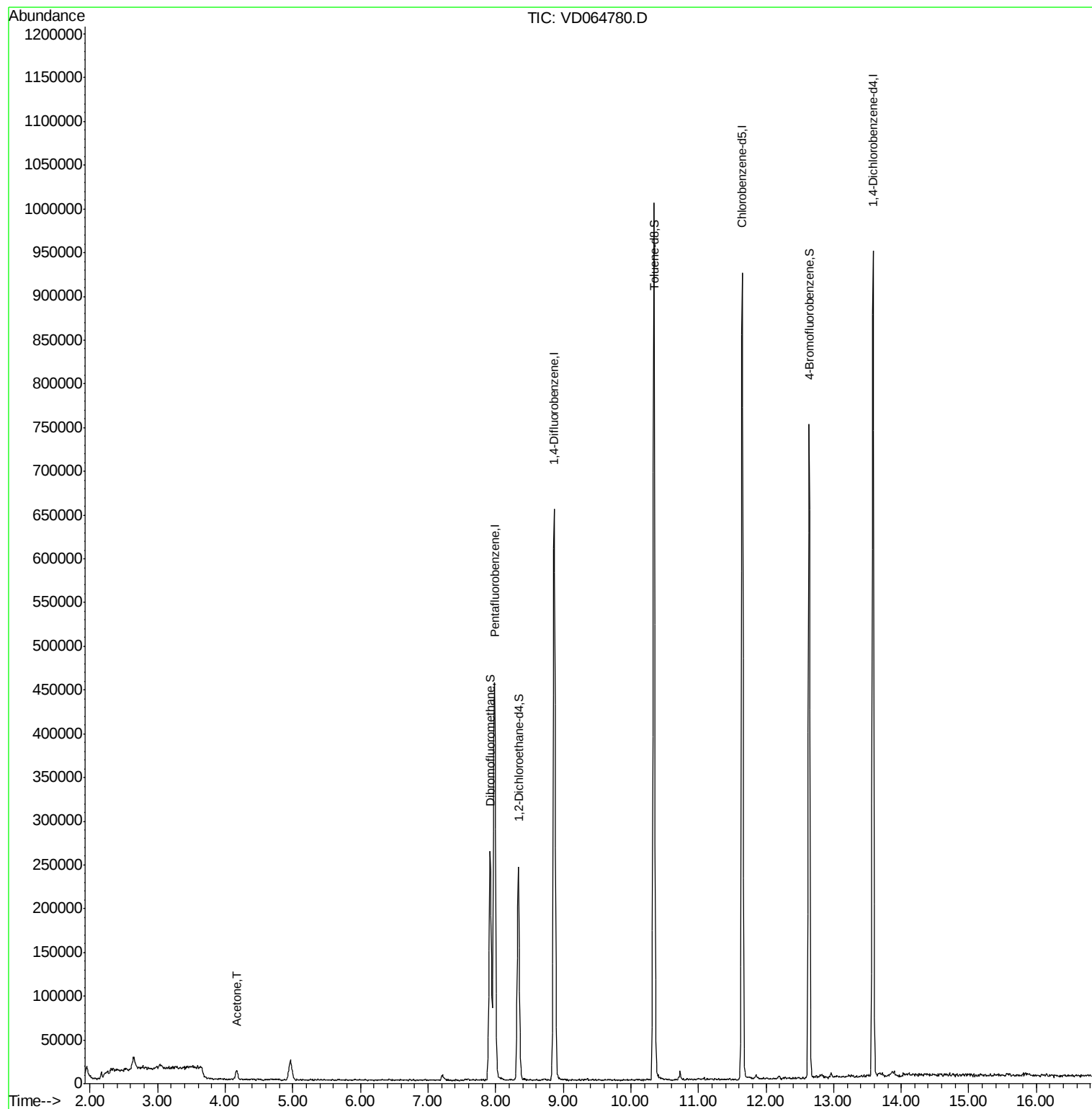
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	360516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	562236	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	516625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	245109	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	192663	60.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.22%	
35) Dibromofluoromethane	7.92	113	181551	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
50) Toluene-d8	10.34	98	672023	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.64	95	219916	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
Target Compounds						
16) Acetone	4.16	43	18571	28.800	ug/l	Qvalue 92

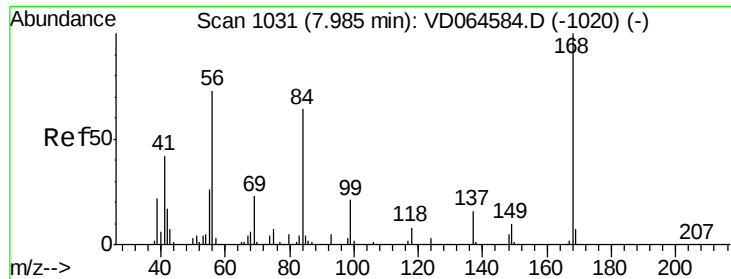
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

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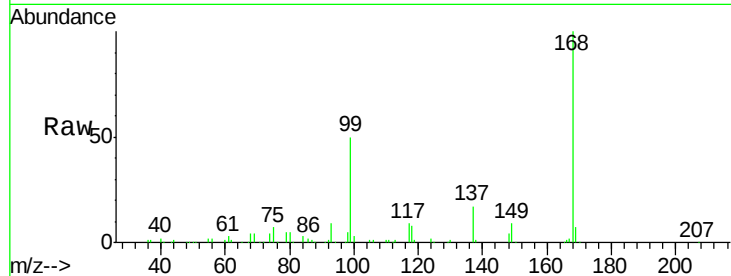
MC-123119-0-1-GRAB-B6RE

Tgt Ion:168 Resp: 360516

Ion Ratio Lower Upper

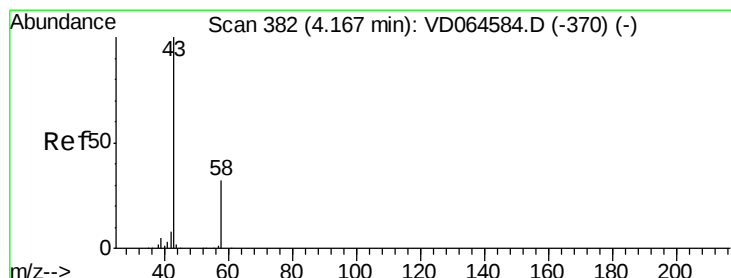
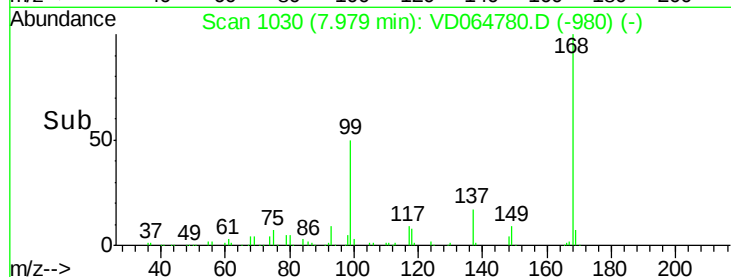
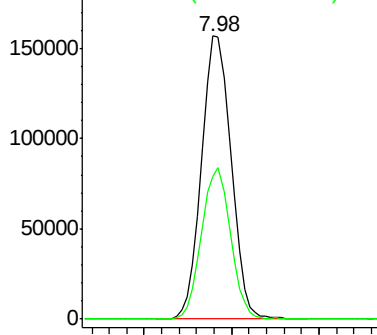
168 100

99 50.4 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 28.800 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064780.D

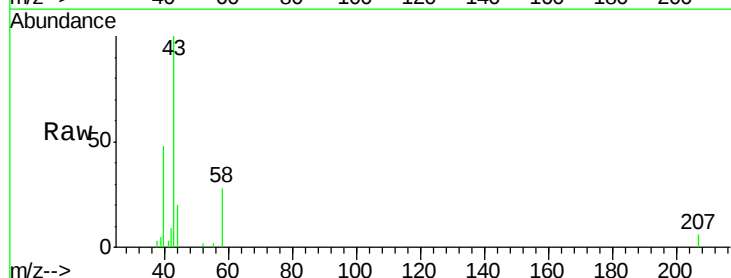
Acq: 06 Jan 2020 18:37

Tgt Ion: 43 Resp: 18571

Ion Ratio Lower Upper

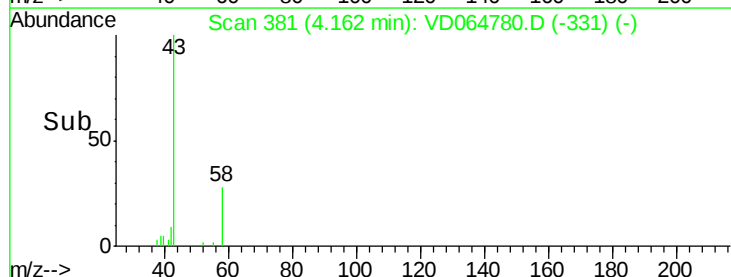
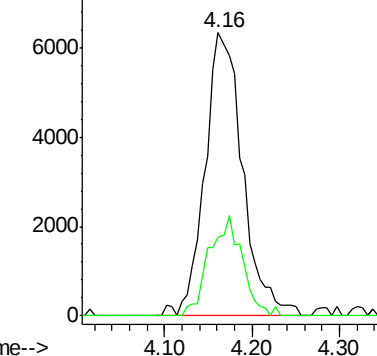
43 100

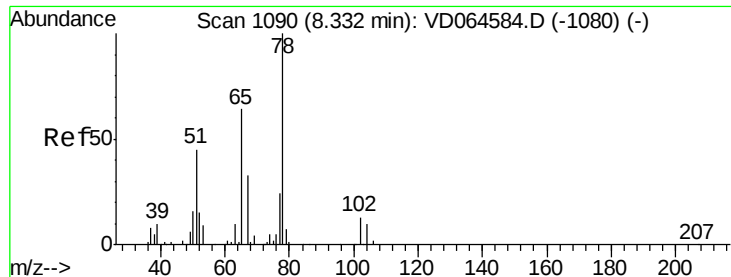
58 27.9 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 60.605 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064780.D

Acq: 06 Jan 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

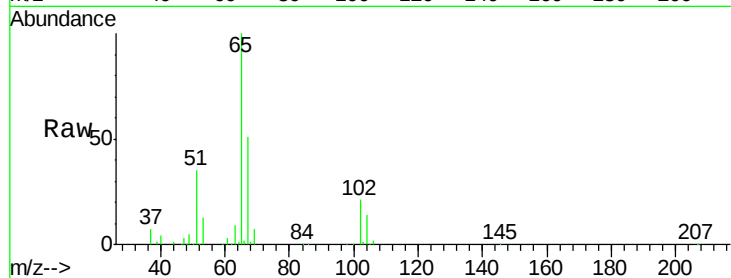
MC-123119-0-1-GRAB-B6RE

Tgt Ion: 65 Resp: 192663

Ion Ratio Lower Upper

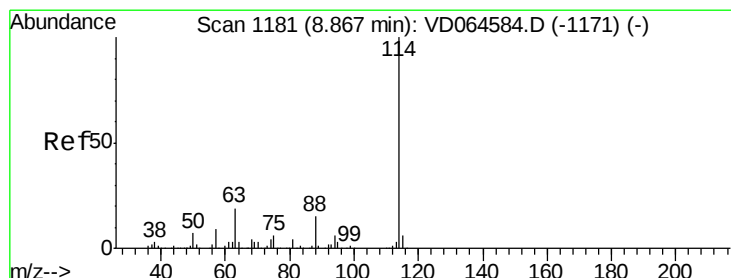
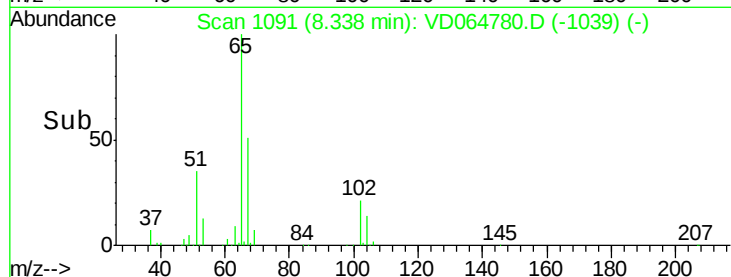
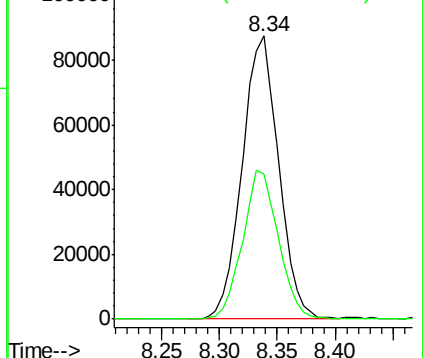
65 100

67 51.8 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064780.D

Acq: 06 Jan 2020 18:37

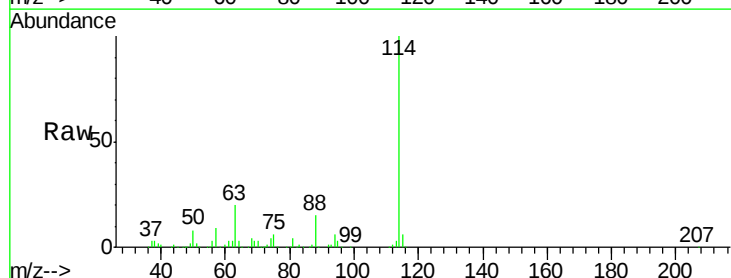
Tgt Ion: 114 Resp: 562236

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.0

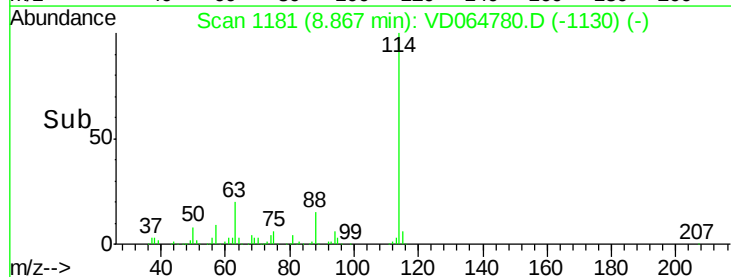
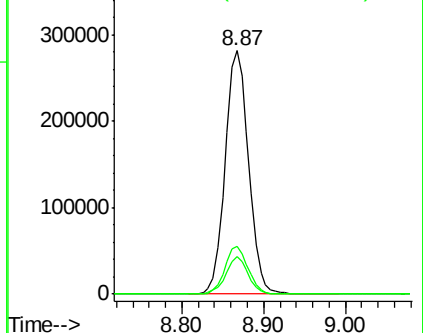
88 15.4 0.0 29.2



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

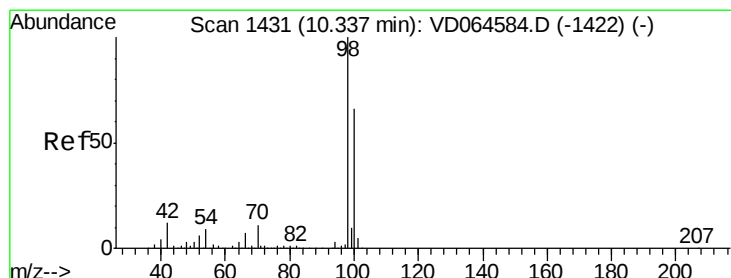
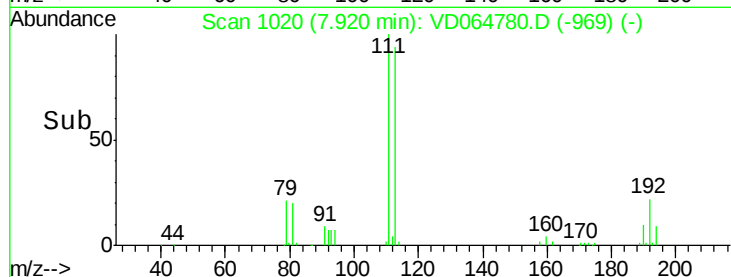
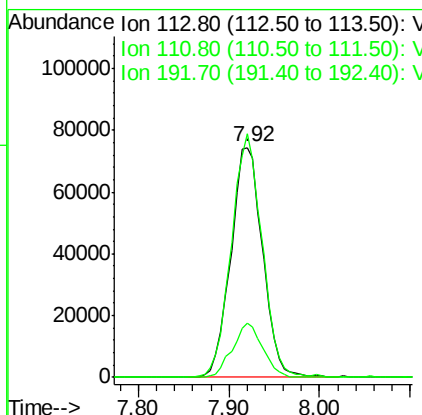
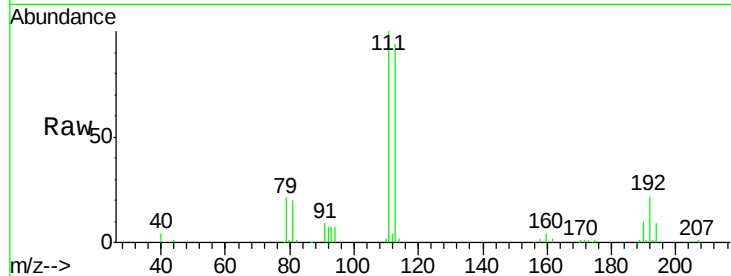




#35
 Dibromofluoromethane
 Concen: 52.632 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064780.D
 Acq: 06 Jan 2020 18:37

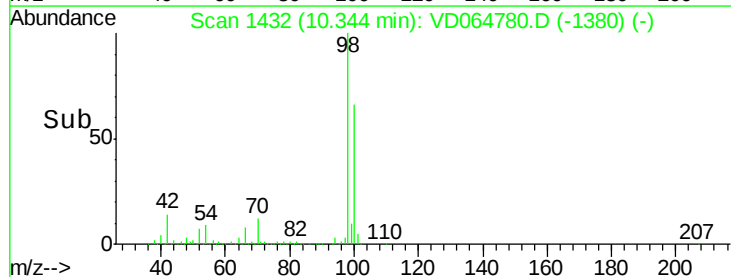
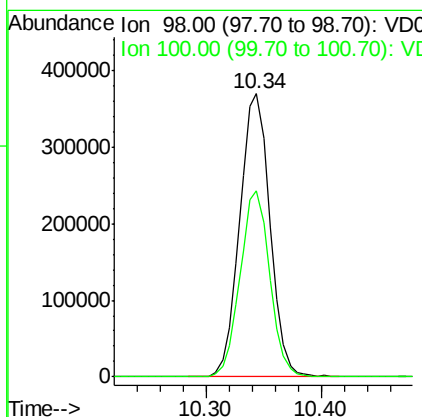
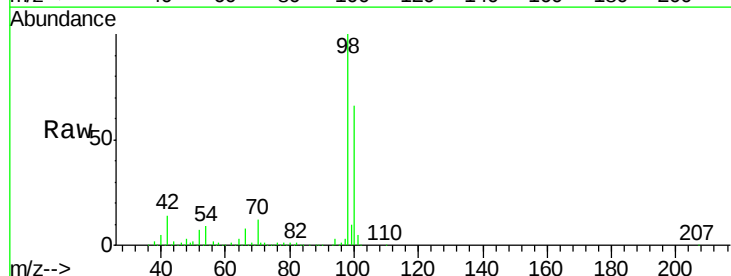
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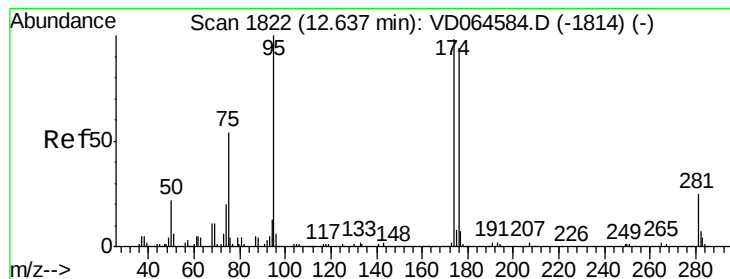
Tgt Ion: 113 Resp: 181551
 Ion Ratio Lower Upper
 113 100
 111 102.7 80.6 121.0
 192 22.2 17.9 26.9



#50
 Toluene-d8
 Concen: 50.869 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064780.D
 Acq: 06 Jan 2020 18:37

Tgt Ion: 98 Resp: 672023
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 52.644 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064780.D

Acq: 06 Jan 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

MC-123119-0-1-GRAB-B6RE

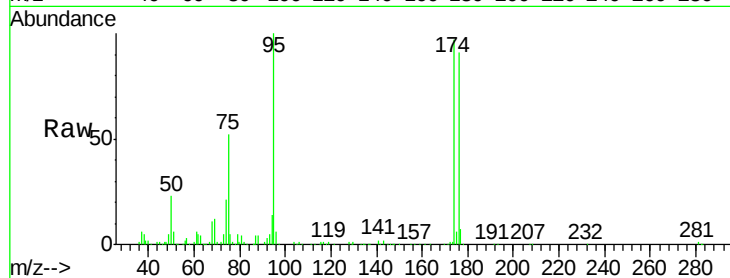
Tgt Ion: 95 Resp: 219916

Ion Ratio Lower Upper

95 100

174 94.8 0.0 193.2

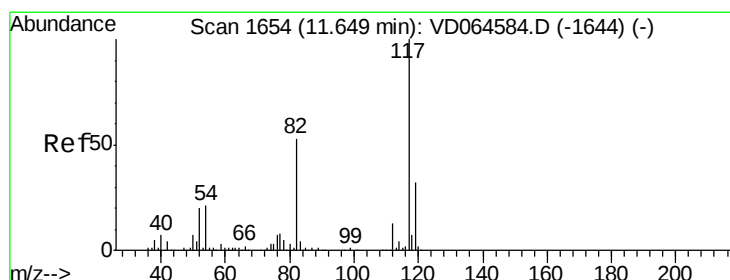
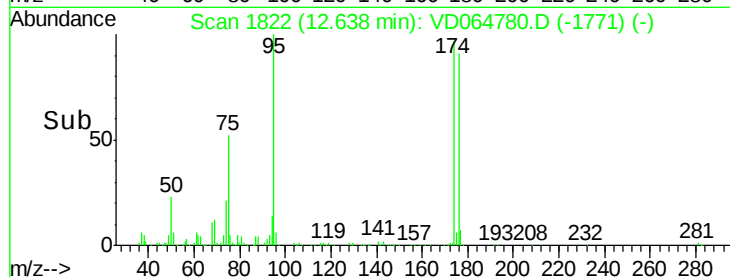
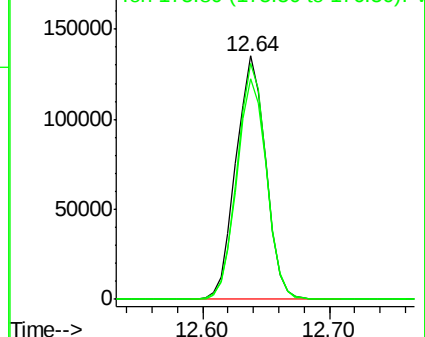
176 90.7 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VD064584.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD064584.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD064584.D (-1814) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064780.D

Acq: 06 Jan 2020 18:37

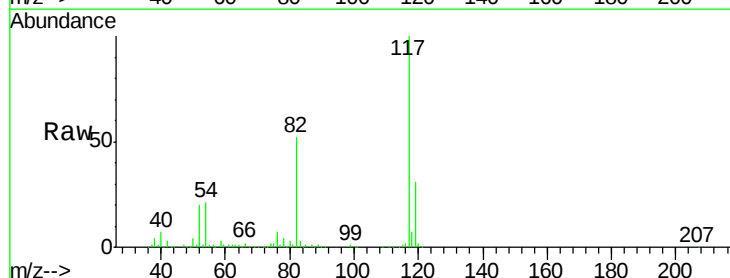
Tgt Ion: 117 Resp: 516625

Ion Ratio Lower Upper

117 100

82 52.4 42.2 63.4

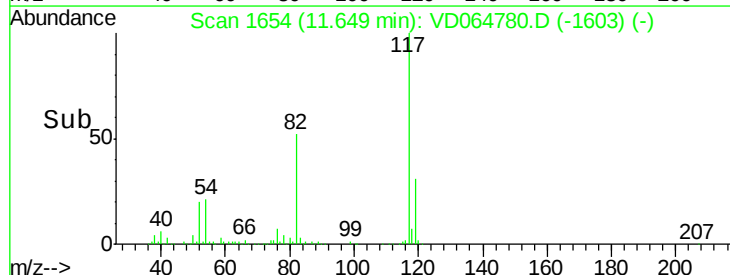
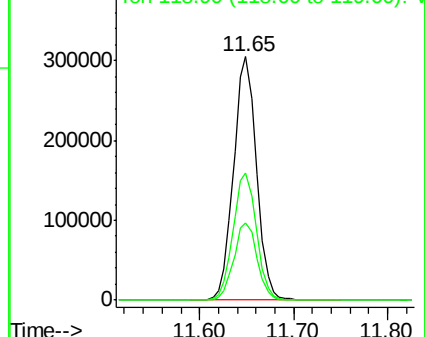
119 31.5 26.0 39.0

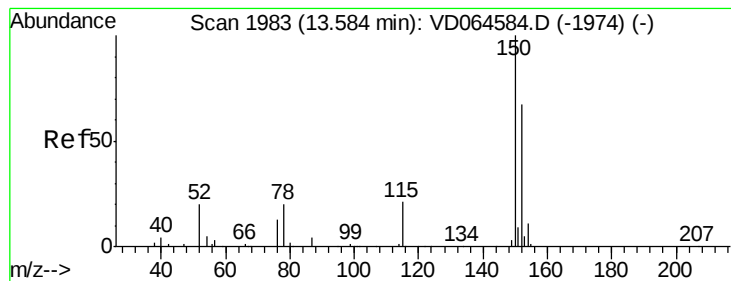


Abundance Ion 116.90 (116.60 to 117.60): VD064584.D (-1644) (-)

Ion 82.00 (81.70 to 82.70): VD064584.D (-1644) (-)

Ion 118.90 (118.60 to 119.60): VD064584.D (-1644) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064780.D

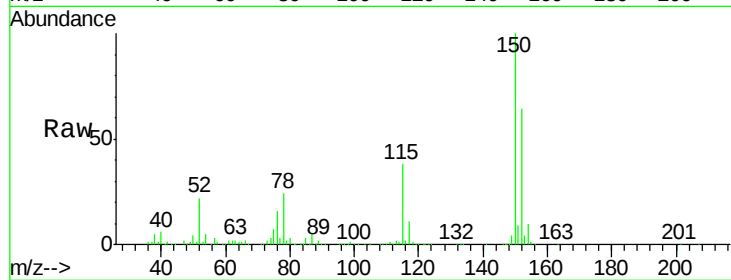
Acq: 06 Jan 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

MC-123119-0-1-GRAB-B6RE



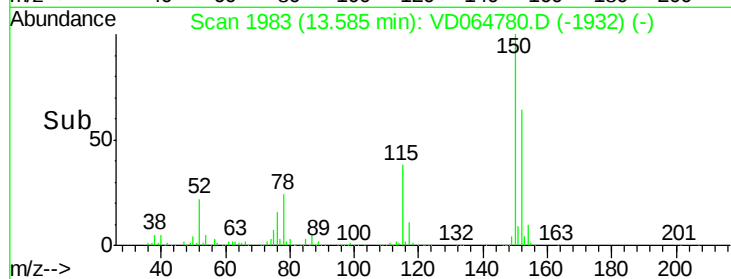
Tgt Ion:152 Resp: 245109

Ion Ratio Lower Upper

152 100

115 57.8 27.8 83.4

150 160.2 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

