

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010620\
 Data File : VD064783.D
 Acq On : 06 Jan 2020 20:03
 Operator : VA/SY
 Sample : K6482-09
 Misc : 6.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MC-123119-BD

Quant Time: Jan 07 02:45:57 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

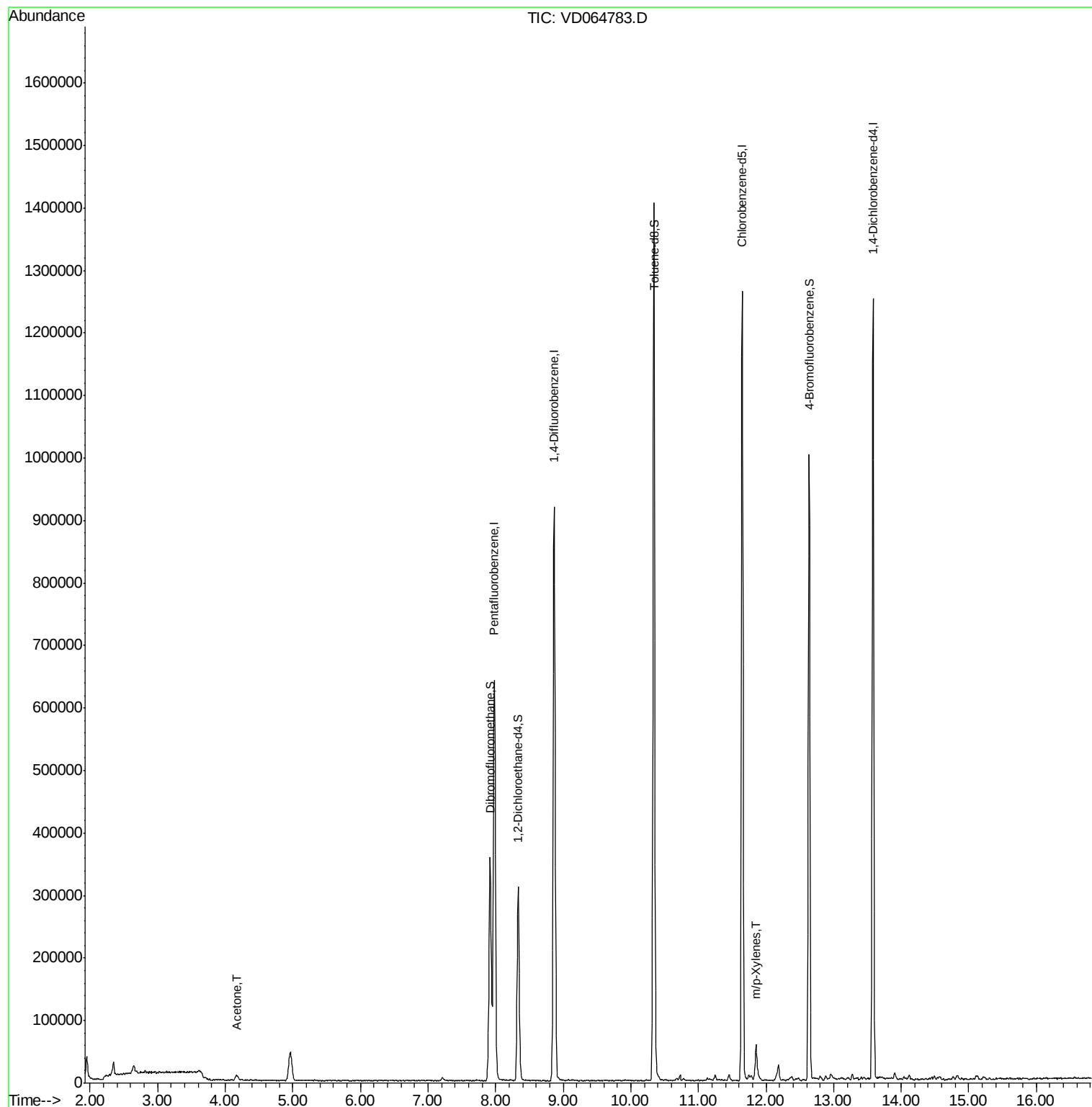
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	501415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	788683	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	711052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	330163	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	241008	54.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.02%	
35) Dibromofluoromethane	7.92	113	247398	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
50) Toluene-d8	10.34	98	940901	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.64	95	292343	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
Target Compounds						
16) Acetone	4.16	43	15478	18.875	ug/l #	86
68) m/p-Xylenes	11.85	106	15939	1.542	ug/l	92

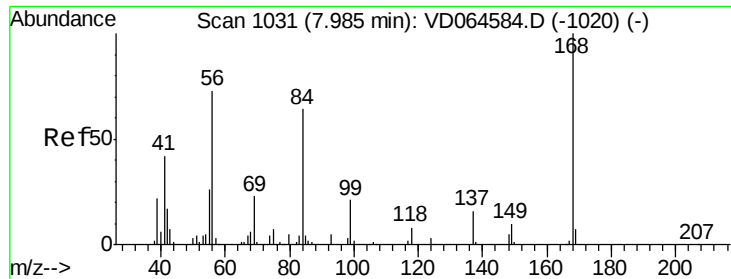
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064783.D

Acq: 06 Jan 2020 20:03

Instrument :

MSVOA_D

ClientSampleId :

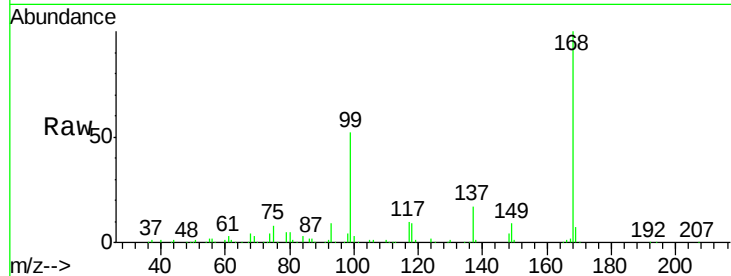
MC-123119-BD

Tgt Ion:168 Resp: 501415

Ion Ratio Lower Upper

168 100

99 52.3 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

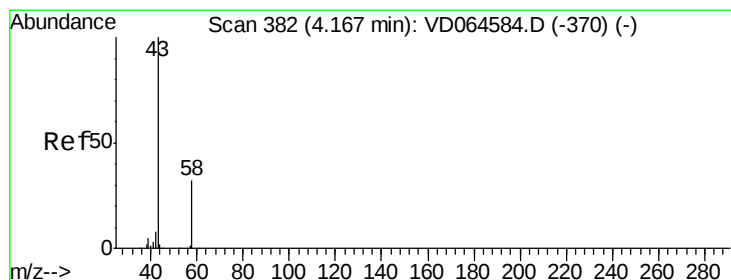
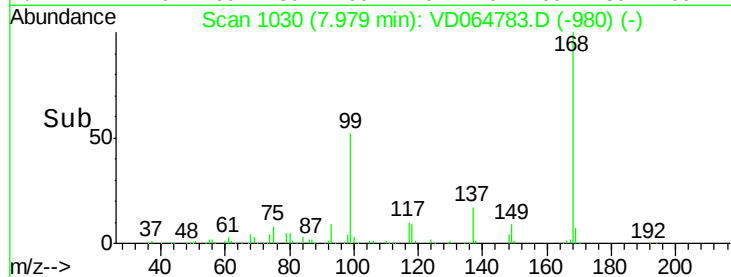
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 18.875 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064783.D

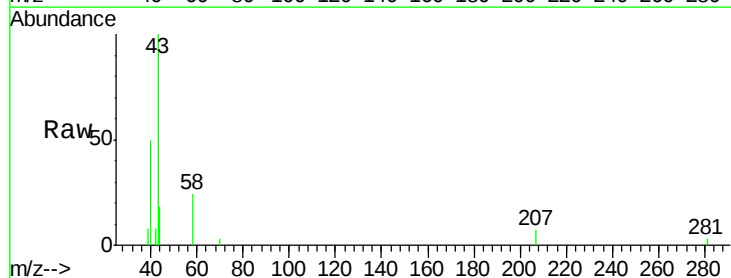
Acq: 06 Jan 2020 20:03

Tgt Ion: 43 Resp: 15478

Ion Ratio Lower Upper

43 100

58 24.5 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

6000

5000

4000

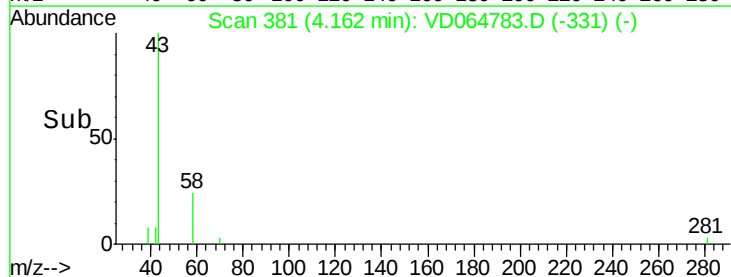
3000

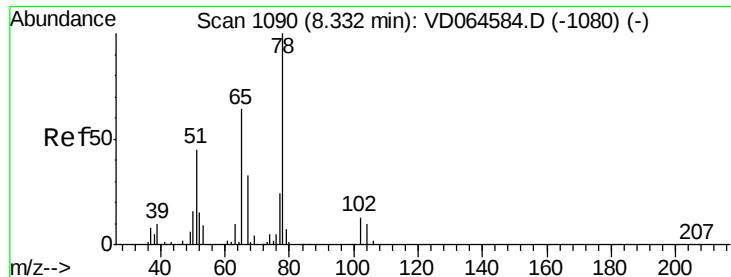
2000

1000

0

Time-->

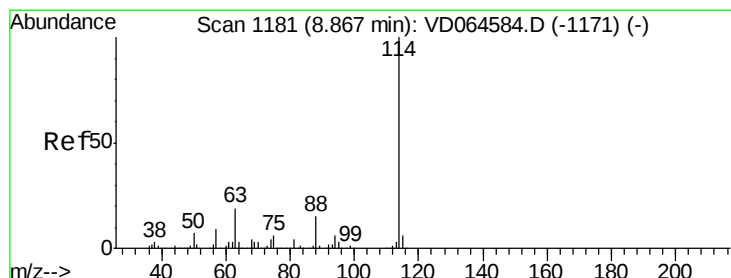
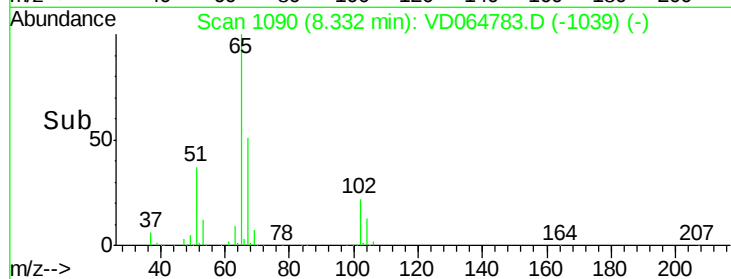
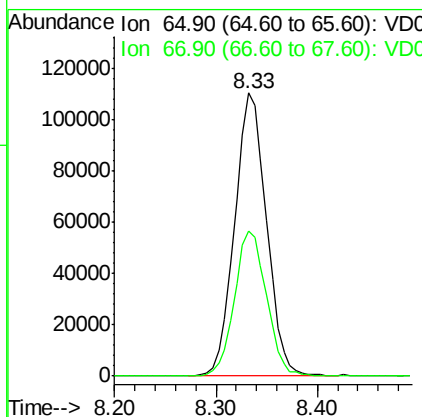
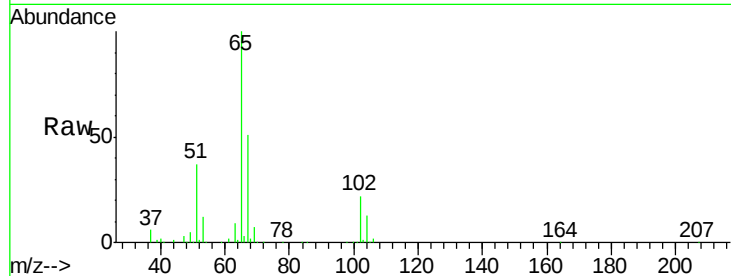




#33
 1,2-Dichloroethane-d4
 Concen: 54.509 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064783.D
 Acq: 06 Jan 2020 20:03

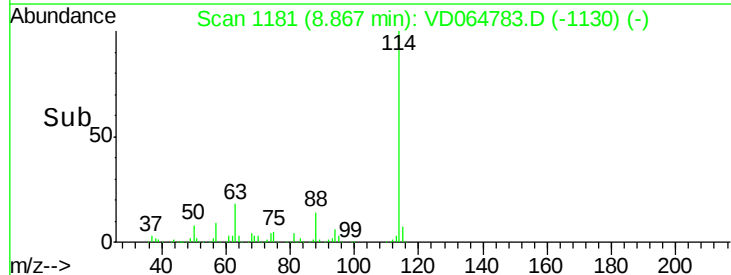
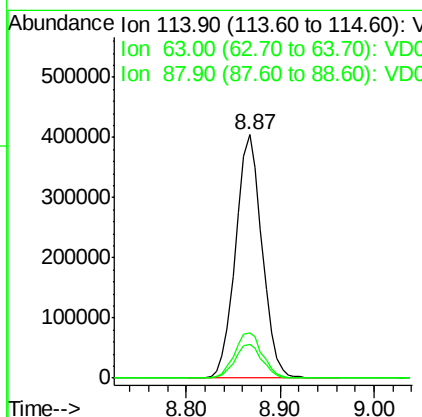
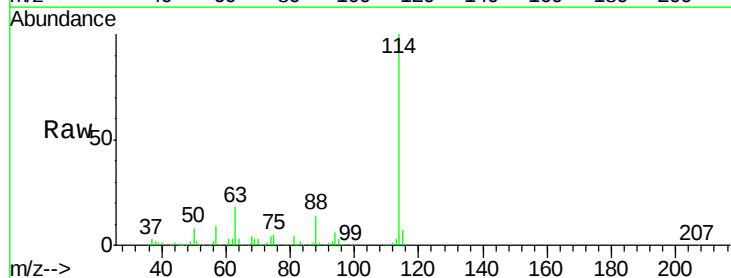
Instrument :
 MSVOA_D
 ClientSampleId :
 MC-123119-BD

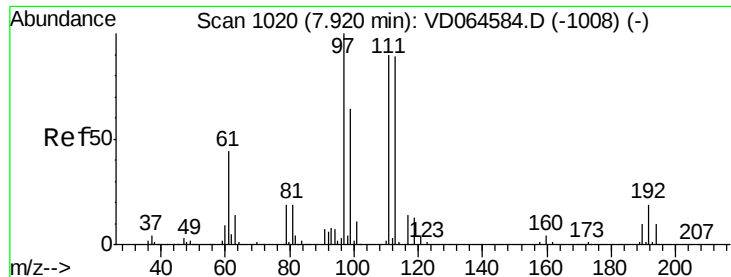
Tgt Ion: 65 Resp: 241008
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064783.D
 Acq: 06 Jan 2020 20:03

Tgt Ion: 114 Resp: 788683
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.0
 88 14.1 0.0 29.2

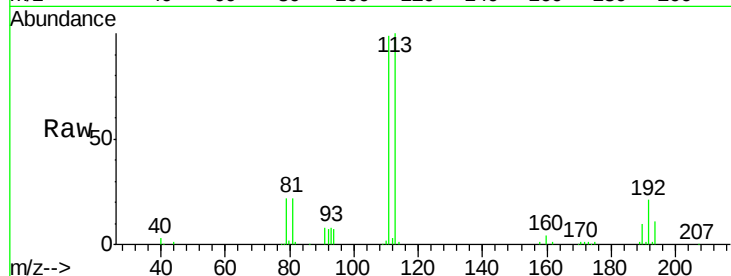




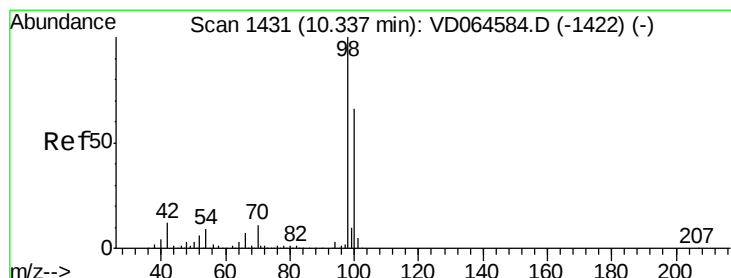
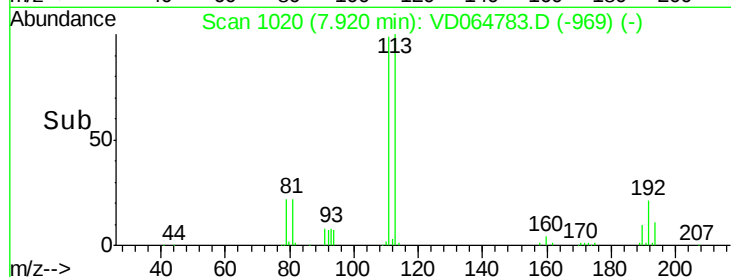
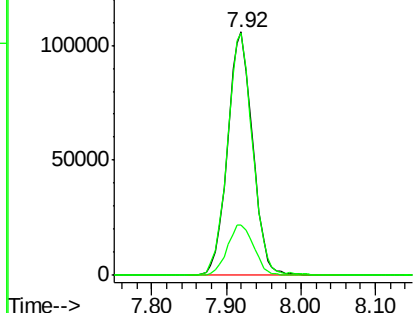
#35
 Dibromofluoromethane
 Concen: 51.129 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064783.D
 Acq: 06 Jan 2020 20:03

Instrument :
 MSVOA_D
 ClientSampleId :
 MC-123119-BD

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.9	80.6	121.0
192	21.9	17.9	26.9

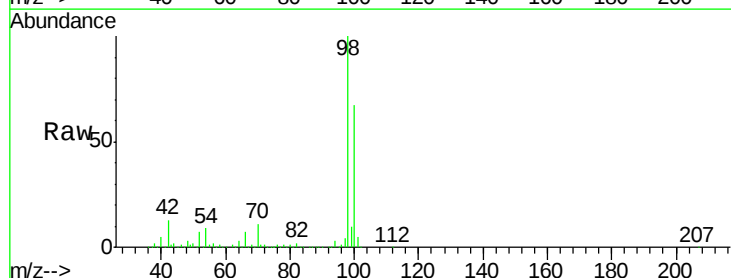


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

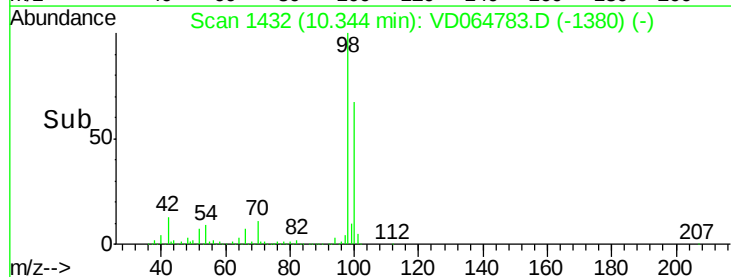
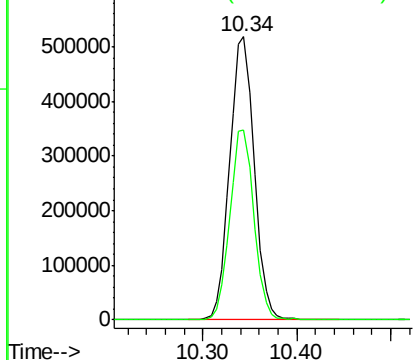


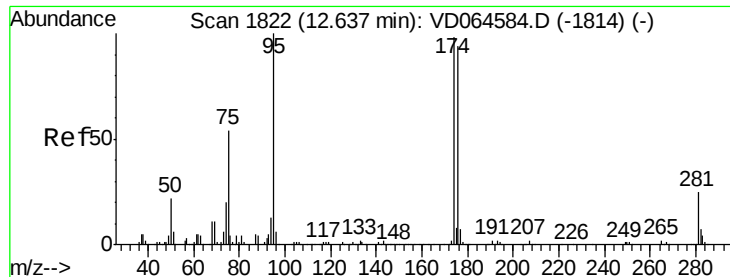
#50
 Toluene-d8
 Concen: 50.772 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064783.D
 Acq: 06 Jan 2020 20:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	51.7	77.5



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





#62

4-Bromofluorobenzene

Concen: 49.889 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064783.D

Acq: 06 Jan 2020 20:03

Instrument :

MSVOA_D

ClientSampleId :

MC-123119-BD

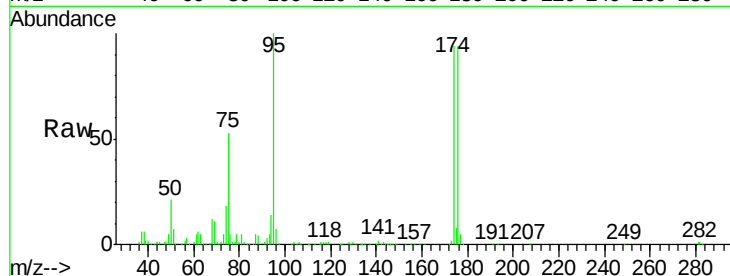
Tgt Ion: 95 Resp: 292343

Ion Ratio Lower Upper

95 100

174 94.8 0.0 193.2

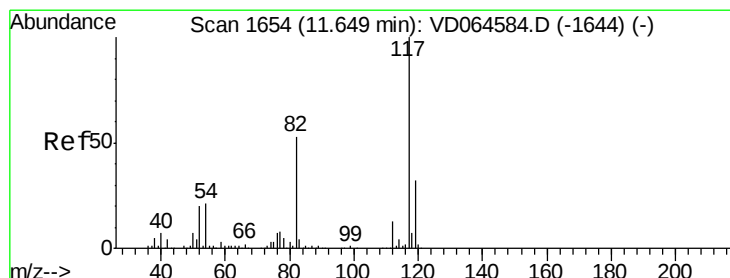
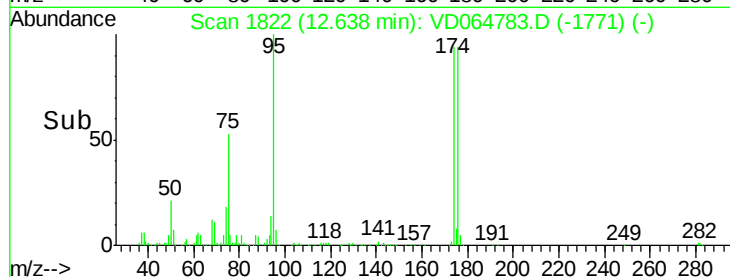
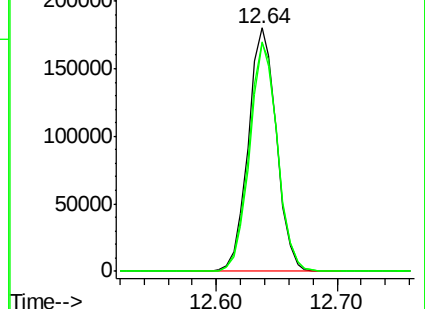
176 92.8 0.0 184.2



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: VD064783.D

Acq: 06 Jan 2020 20:03

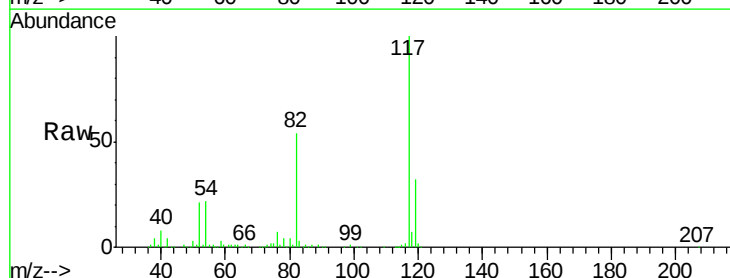
Tgt Ion: 117 Resp: 711052

Ion Ratio Lower Upper

117 100

82 53.9 42.2 63.4

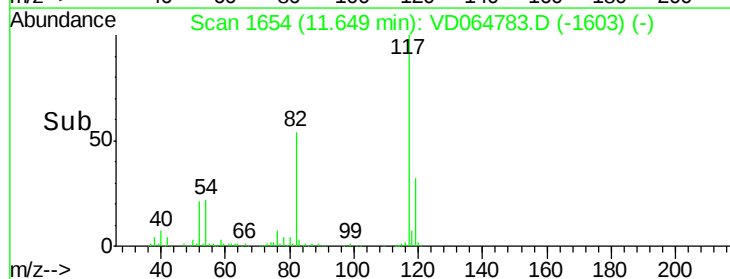
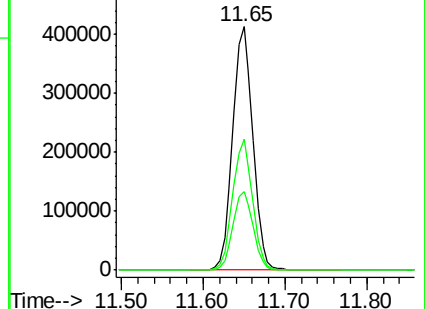
119 32.3 26.0 39.0

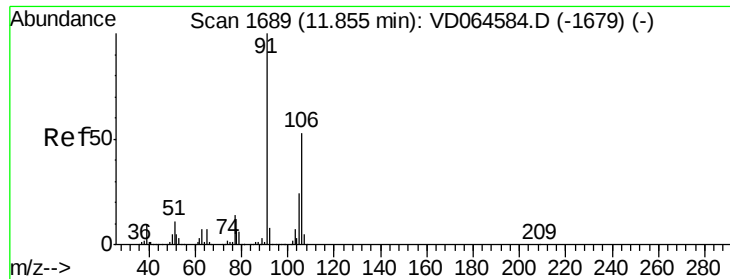


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#68

m/p-Xylenes

Concen: 1.542 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VD064783.D

Acq: 06 Jan 2020 20:03

Instrument :

MSVOA_D

ClientSampleId :

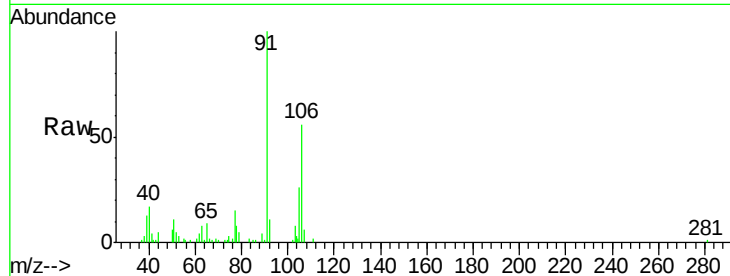
MC-123119-BD

Tgt Ion:106 Resp: 15939

Ion Ratio Lower Upper

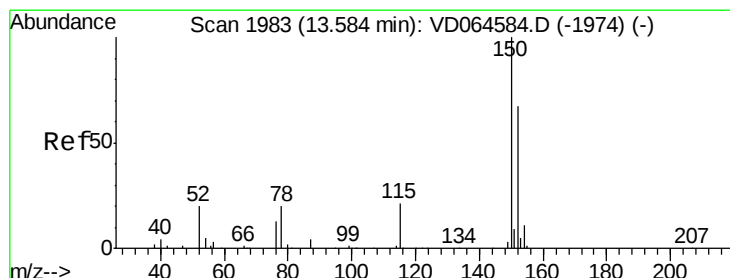
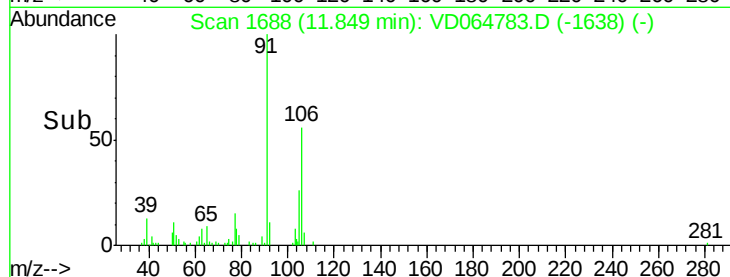
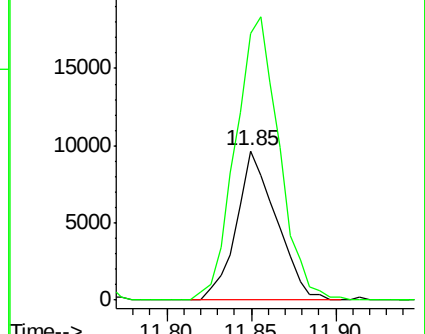
106 100

91 207.0 156.3 234.5



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: VD064783.D

Acq: 06 Jan 2020 20:03

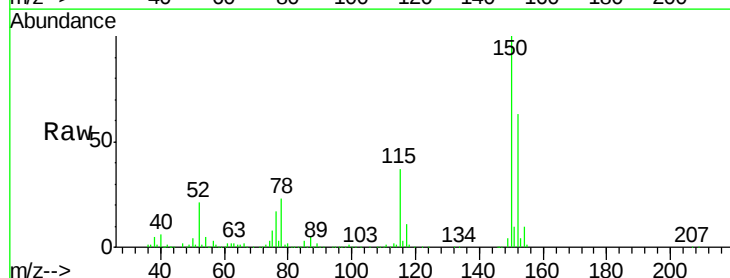
Tgt Ion:152 Resp: 330163

Ion Ratio Lower Upper

152 100

115 55.5 27.8 83.4

150 156.4 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

