

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010920\
 Data File : VD064819.D
 Acq On : 09 Jan 2020 16:17
 Operator : VA/SY
 Sample : L1051-06
 Misc : 7.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3F-(8.5-10.5)

Quant Time: Jan 10 05:49:48 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

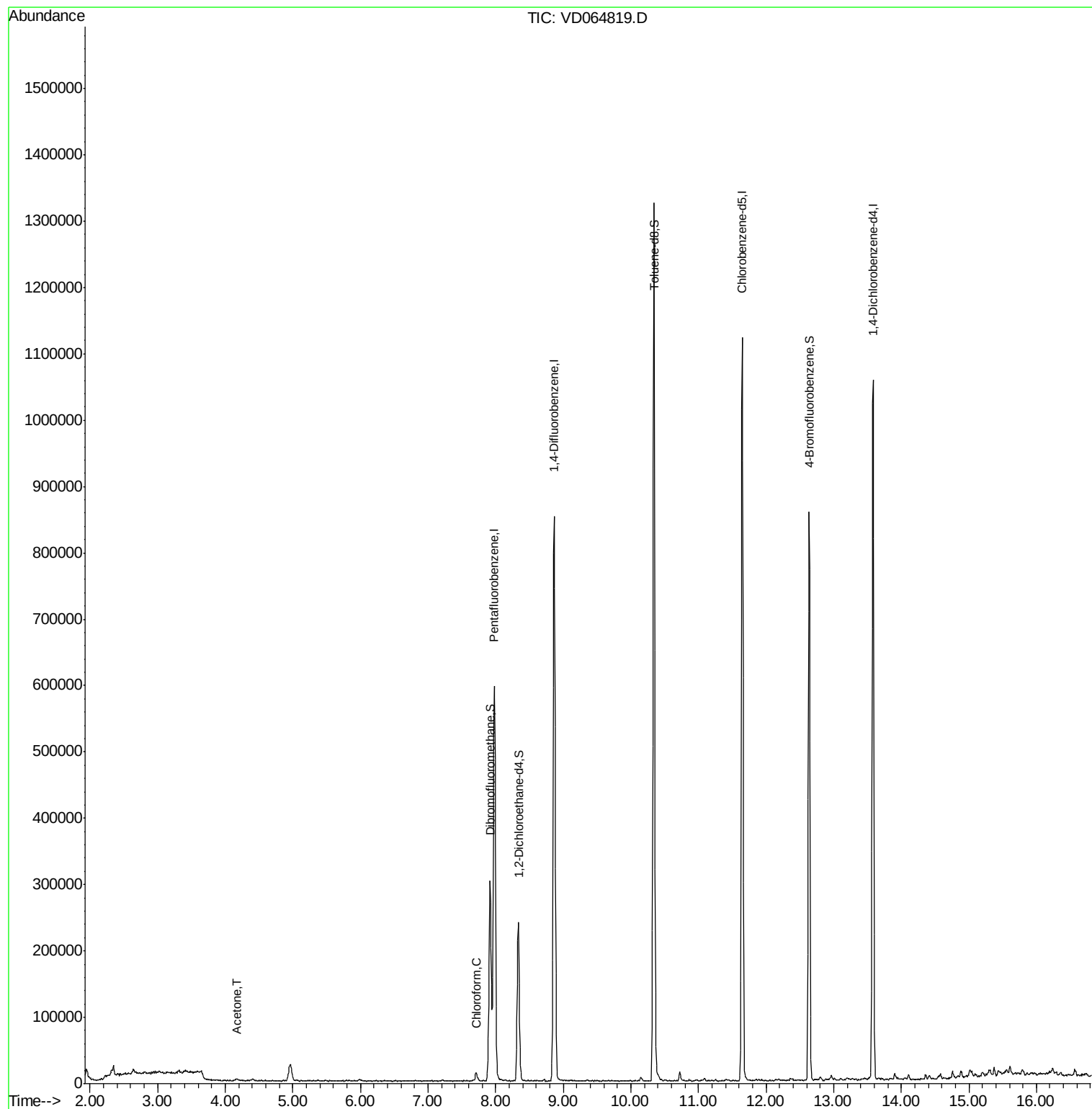
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	463733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	725176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	626067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	279589	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	191551	46.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.68%	
35) Dibromofluoromethane	7.92	113	205473	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.36%	
50) Toluene-d8	10.34	98	869452	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.64	95	251856	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	
Target Compounds						
16) Acetone	4.17	43	4060	8.339	ug/l #	85
30) Chloroform	7.71	83	9553	1.195	ug/l	92

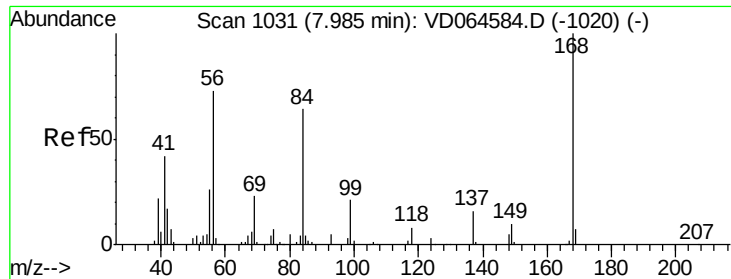
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064819.D

Acq: 09 Jan 2020 16:17

Instrument :

MSVOA_D

ClientSampleId :

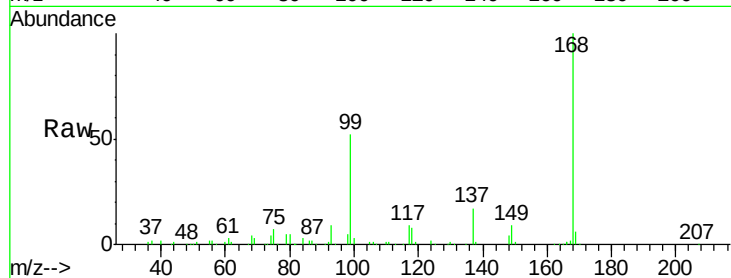
SB-3F-(8.5-10.5)

Tot Ion:168 Resp: 463733

Ion Ratio Lower Upper

168 100

99 51.5 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

200000

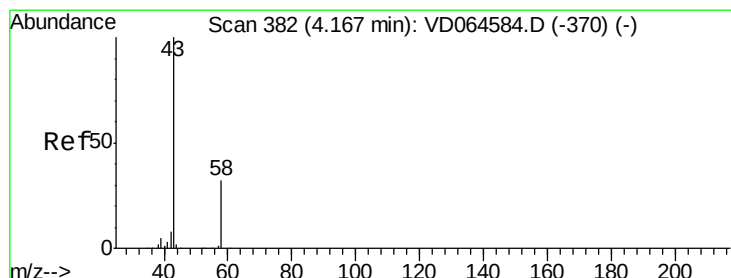
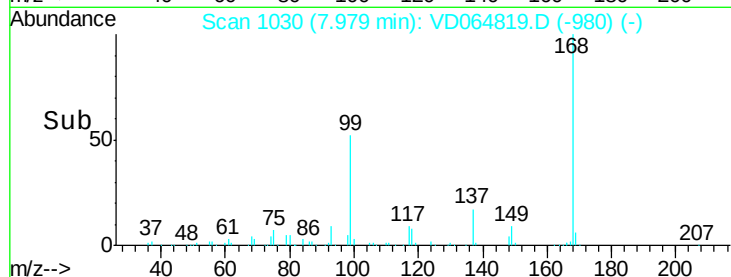
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.339 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064819.D

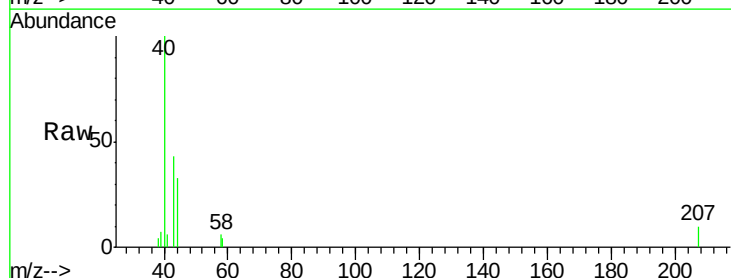
Acq: 09 Jan 2020 16:17

Tgt Ion: 43 Resp: 4060

Ion Ratio Lower Upper

43 100

58 23.9 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

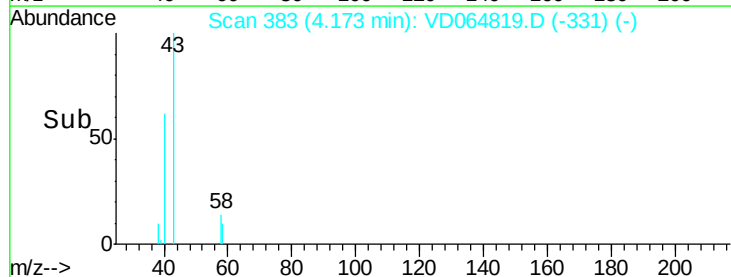
1500

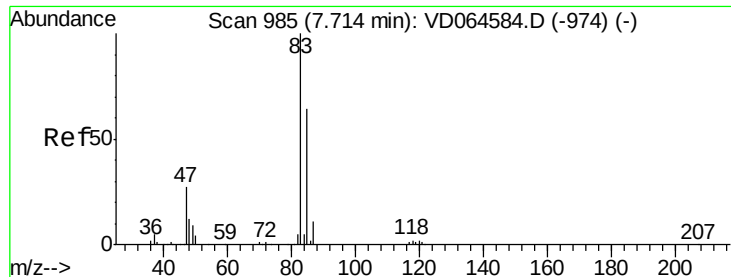
1000

500

0

Time-->

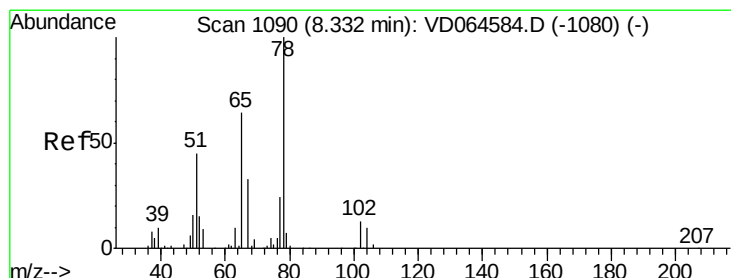
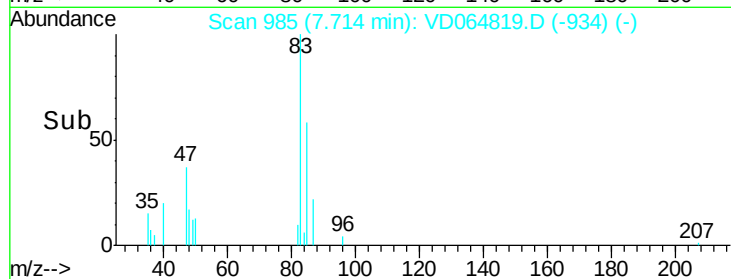
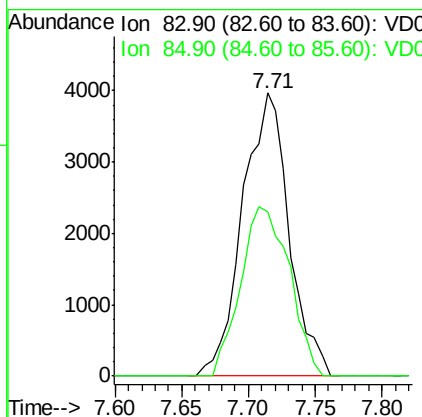
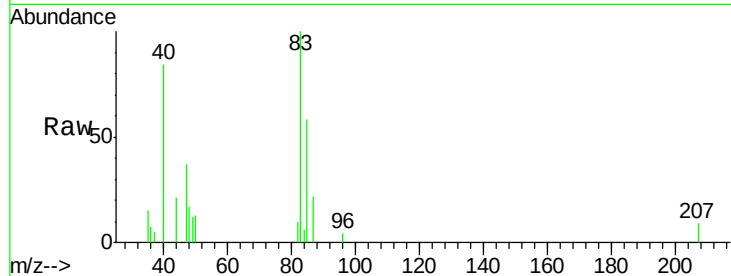




#30
Chloroform
Concen: 1.195 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064819.D
Acq: 09 Jan 2020 16:17

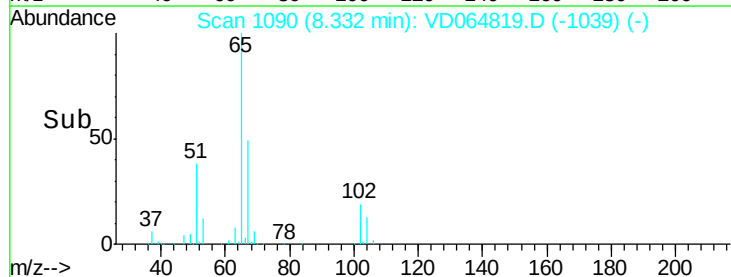
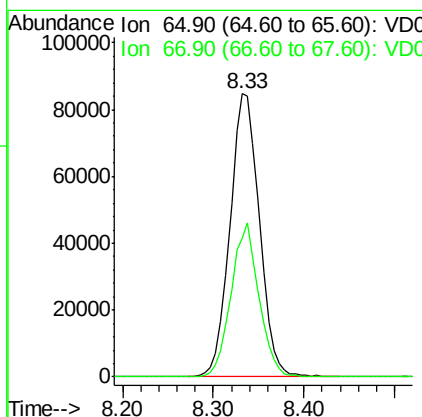
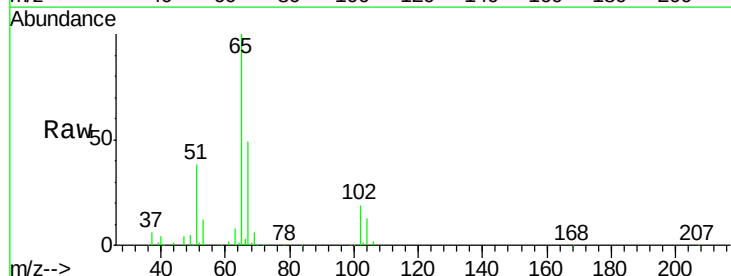
Instrument :
MSVOA_D
ClientSampleId :
SB-3F-(8.5-10.5)

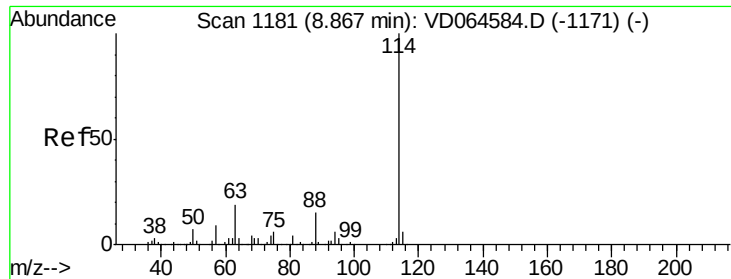
Tot Ion: 83 Resp: 9553
Ion Ratio Lower Upper
83 100
85 58.0 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 46.844 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD064819.D
Acq: 09 Jan 2020 16:17

Tgt Ion: 65 Resp: 191551
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.2

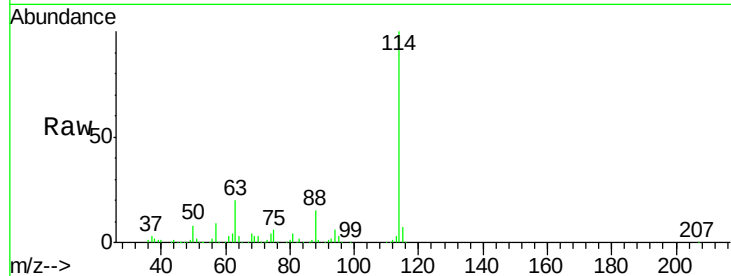




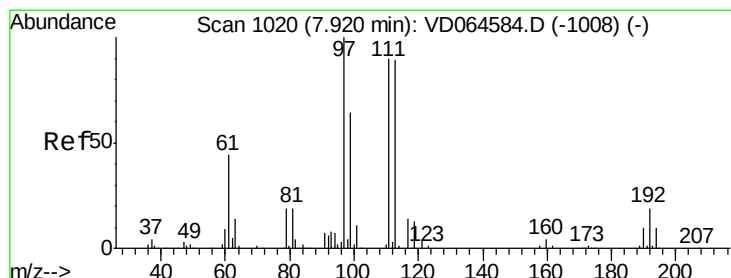
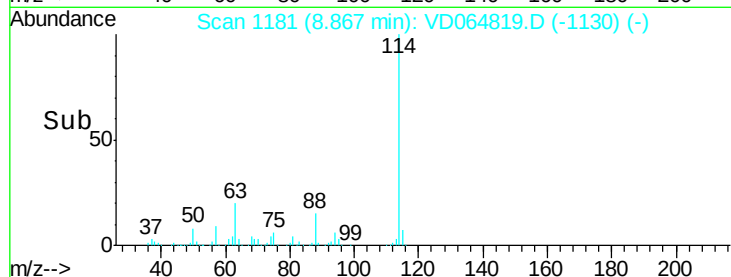
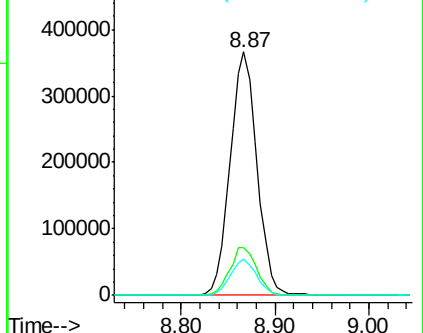
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064819.D
 Acq: 09 Jan 2020 16:17

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3F-(8.5-10.5)

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	38.0
88	14.7	0.0	29.2

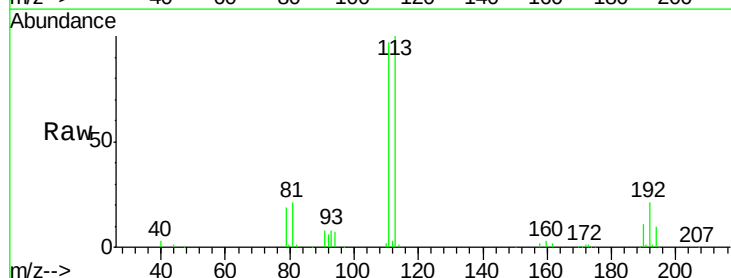


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

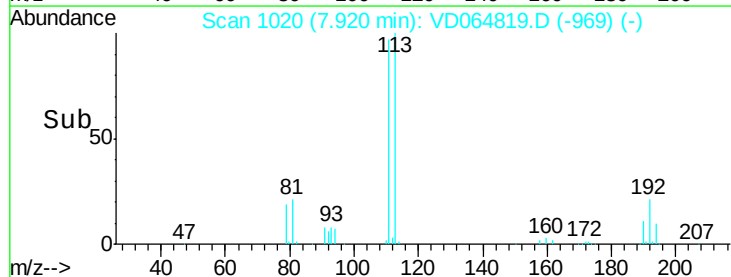
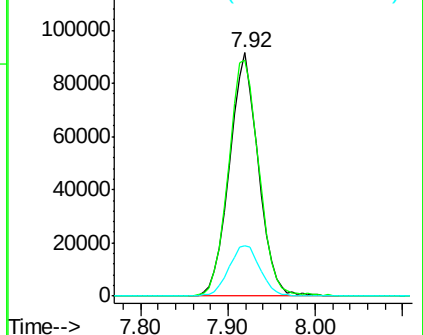


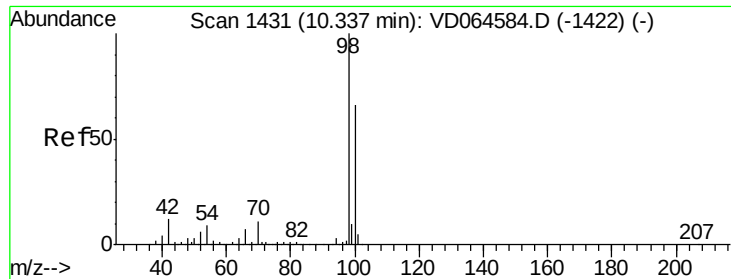
#35
 Dibromofluoromethane
 Concen: 46.183 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064819.D
 Acq: 09 Jan 2020 16:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	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: 51.026 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064819.D

Acq: 09 Jan 2020 16:17

Instrument :

MSVOA_D

ClientSampleId :

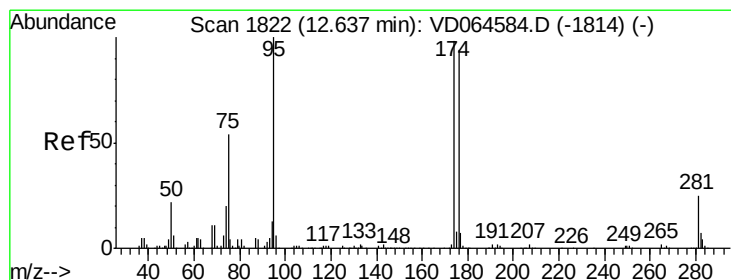
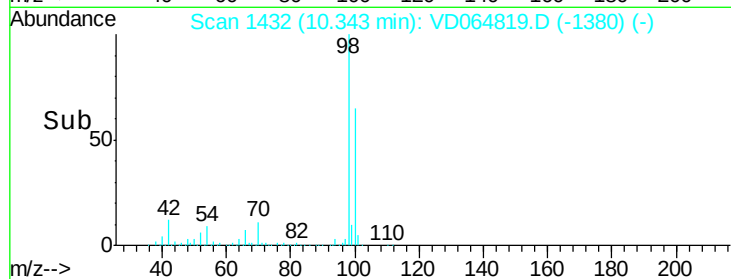
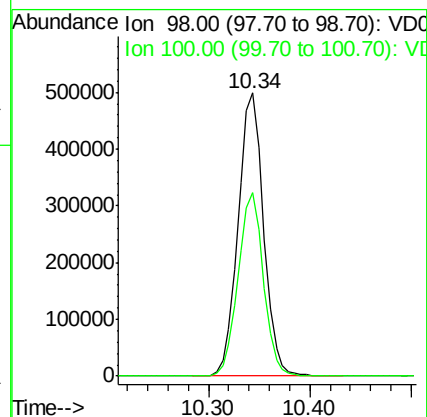
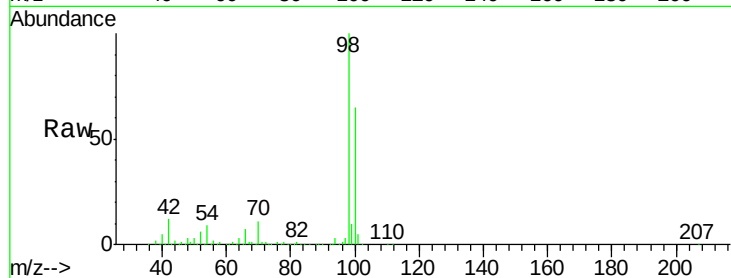
SB-3F-(8.5-10.5)

Tot Ion: 98 Resp: 869452

Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 46.743 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064819.D

Acq: 09 Jan 2020 16:17

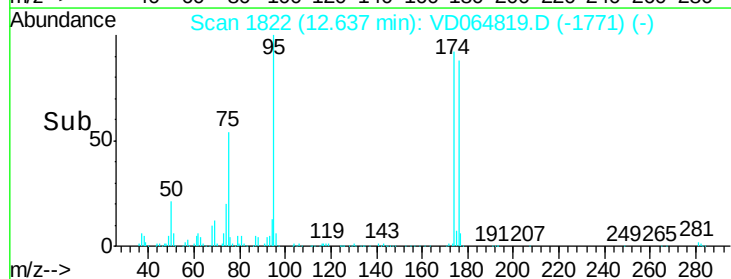
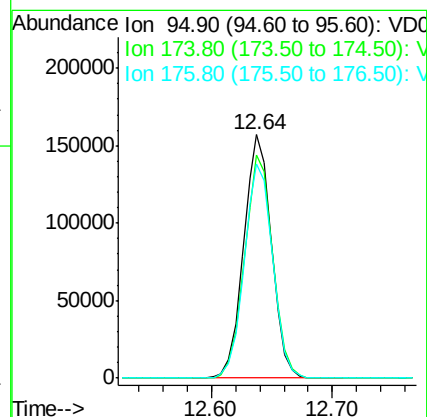
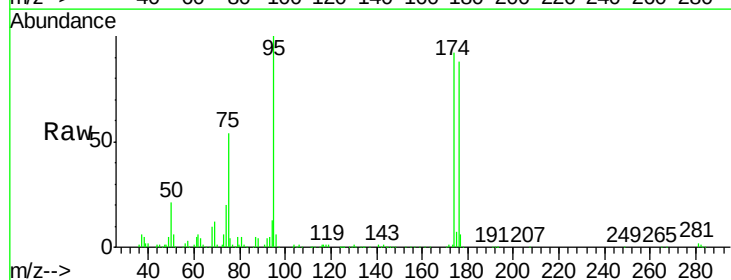
Tgt Ion: 95 Resp: 251856

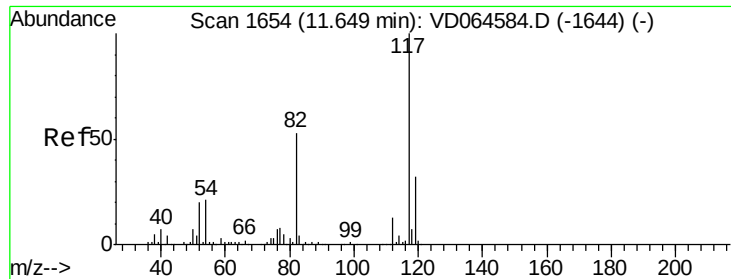
Ion Ratio Lower Upper

95 100

174 92.9 0.0 193.2

176 90.0 0.0 184.2

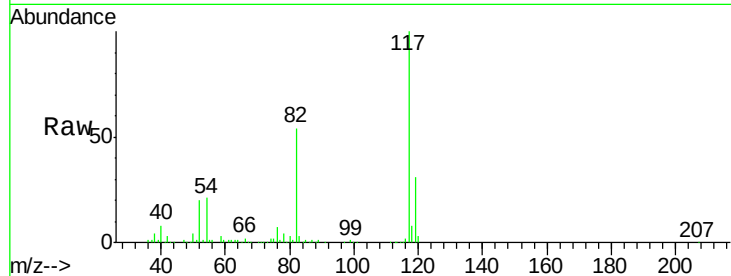




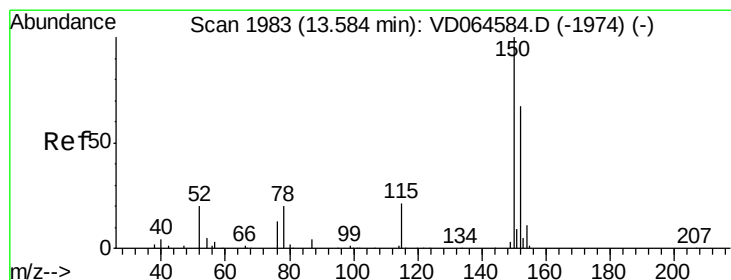
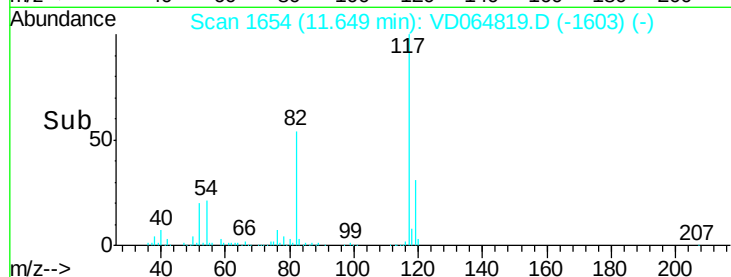
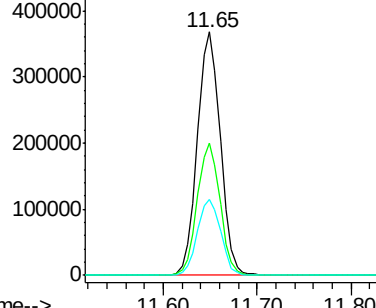
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064819.D
Acq: 09 Jan 2020 16:17

Instrument :
MSVOA_D
ClientSampleId :
SB-3F-(8.5-10.5)

Tot Ion:117 Resp: 626067
Ion Ratio Lower Upper
117 100
82 54.3 42.2 63.4
119 31.4 26.0 39.0

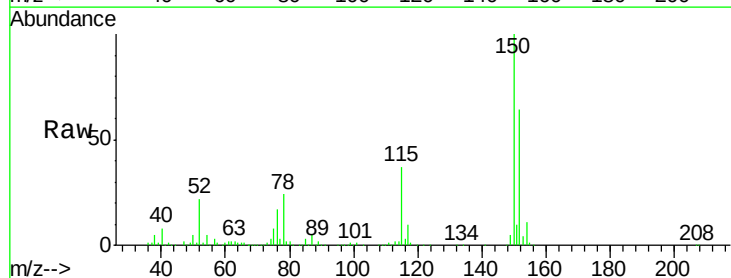


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064819.D
Acq: 09 Jan 2020 16:17

Tgt Ion:152 Resp: 279589
Ion Ratio Lower Upper
152 100
115 56.2 27.8 83.4
150 157.2 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

