

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD123119\
 Data File : VD064692.D
 Acq On : 31 Dec 2019 13:51
 Operator : VA/SY
 Sample : K6455-03
 Misc : 6.54G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K435-SB3

Quant Time: Jan 01 01:29:27 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

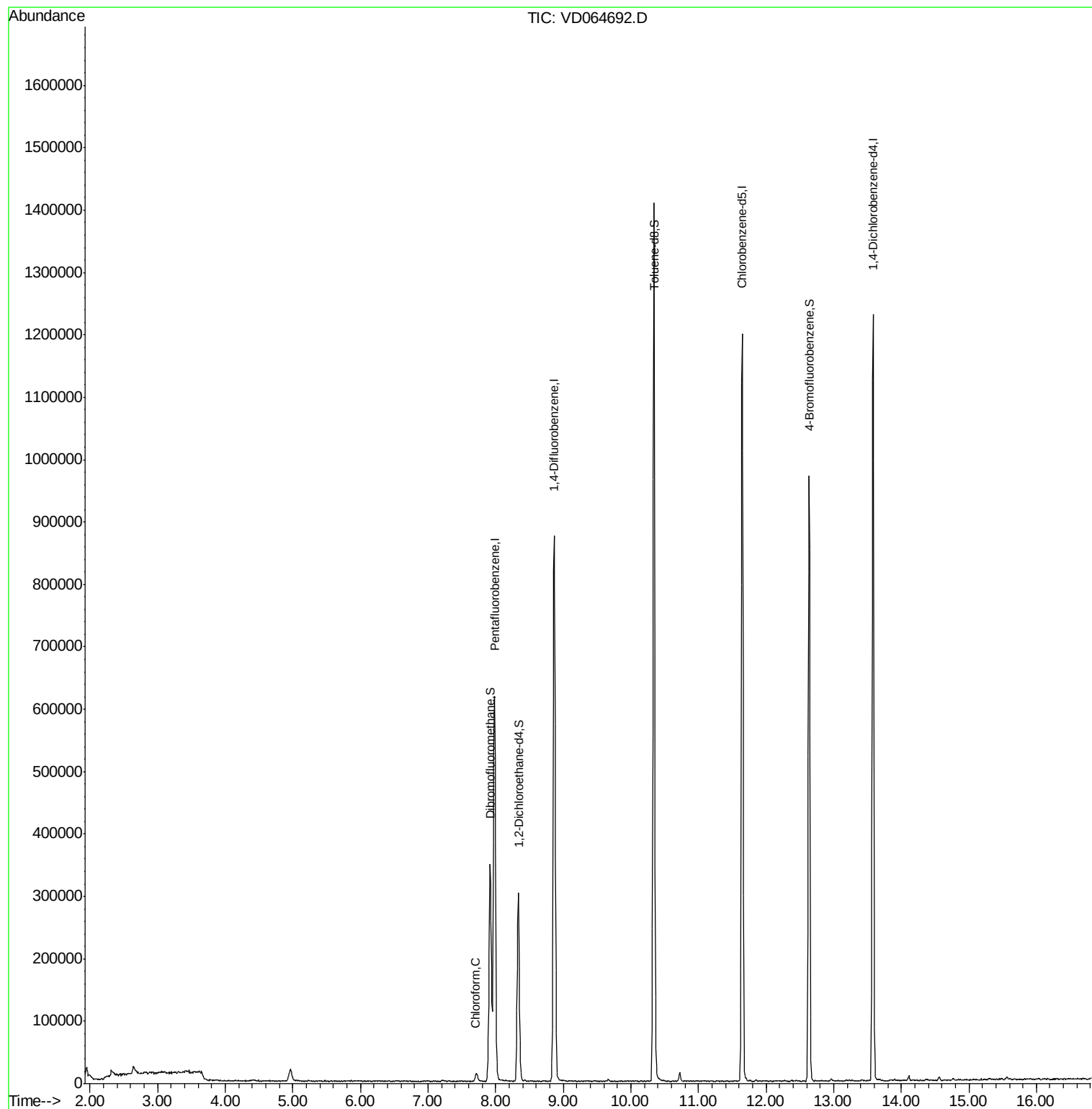
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	490219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	768283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	683490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	326436	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	242034	55.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.98%	
35) Dibromofluoromethane	7.92	113	242755	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
50) Toluene-d8	10.34	98	925810	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.64	95	282576	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
Target Compounds						
30) Chloroform	7.71	83	11230	1.329	ug/l	Qvalue 90

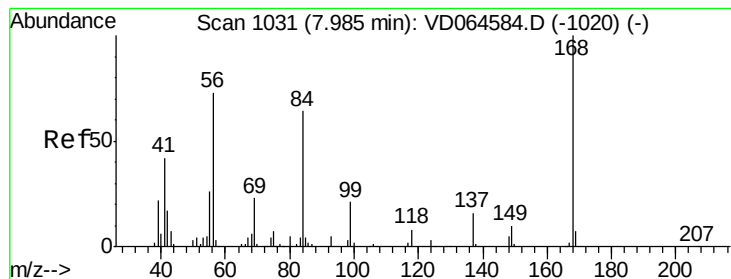
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064692.D

Acq: 31 Dec 2019 13:51

Instrument :

MSVOA_D

ClientSampleId :

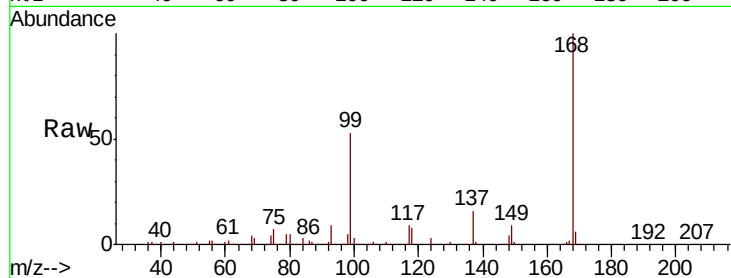
K435-SB3

Tot Ion:168 Resp: 490219

Ion Ratio Lower Upper

168 100

99 53.0 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

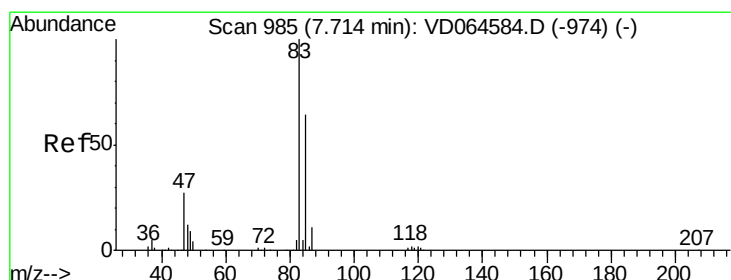
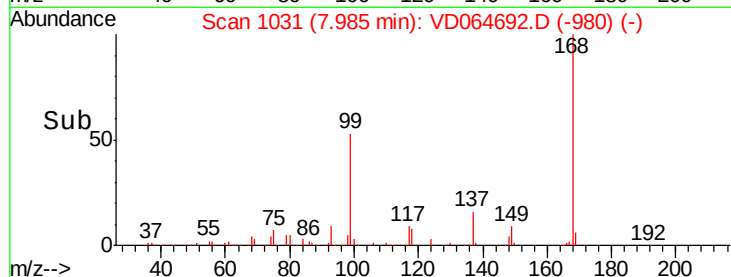
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 1.329 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD064692.D

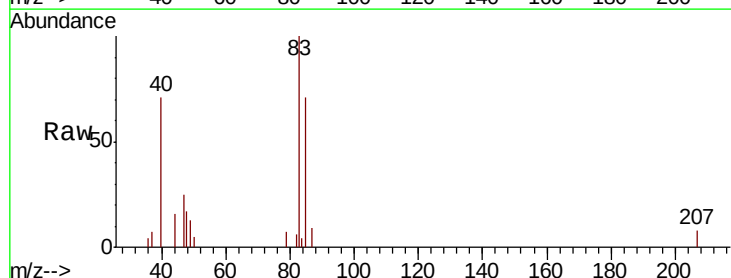
Acq: 31 Dec 2019 13:51

Tgt Ion: 83 Resp: 11230

Ion Ratio Lower Upper

83 100

85 71.4 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

7.71

5000

4000

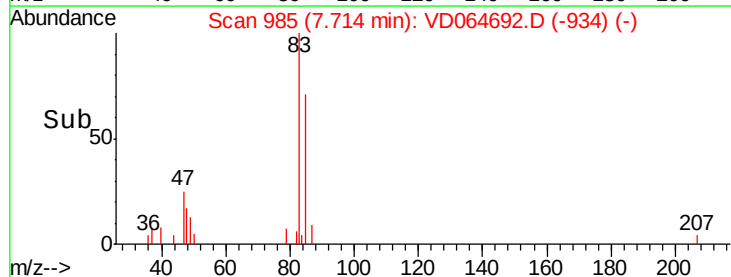
3000

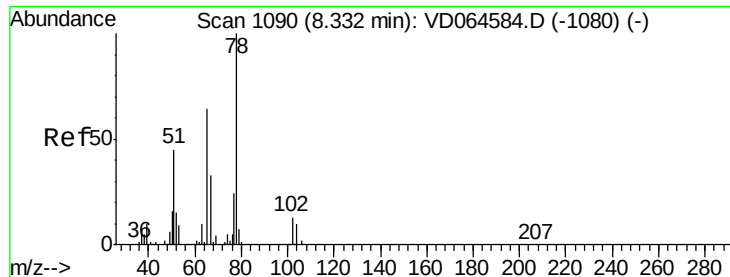
2000

1000

0

Time-->

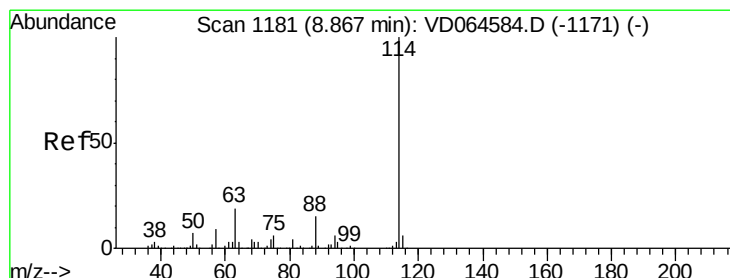
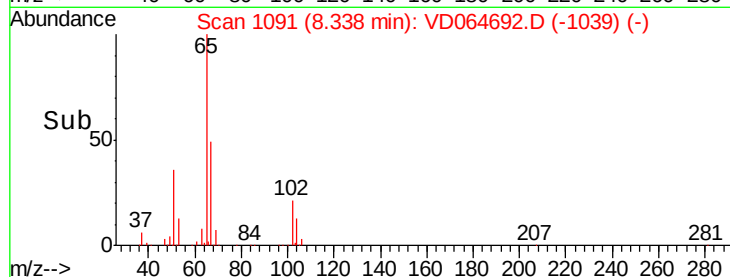
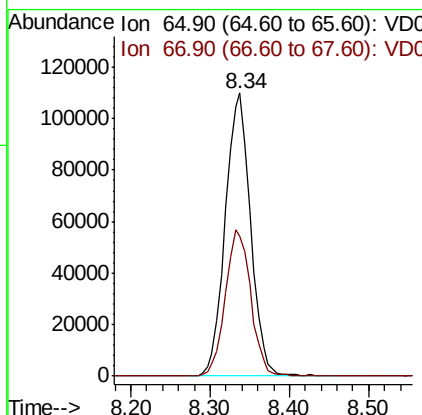
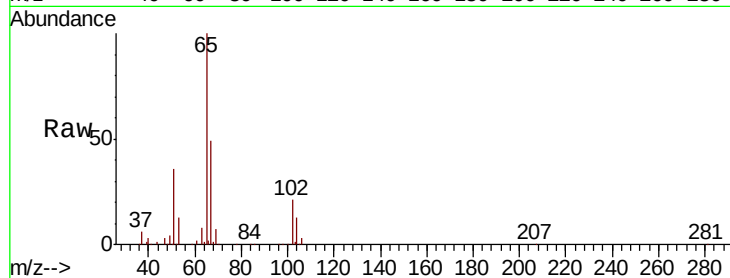




#33
 1,2-Dichloroethane-d4
 Concen: 55.991 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064692.D
 Acq: 31 Dec 2019 13:51

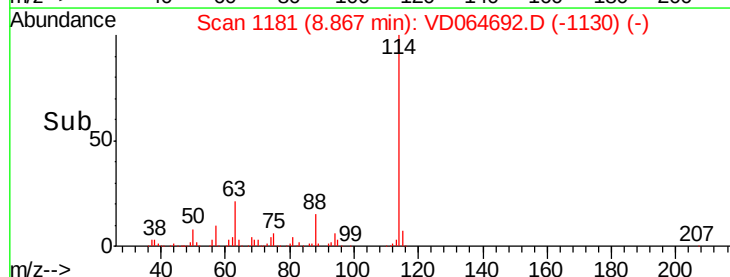
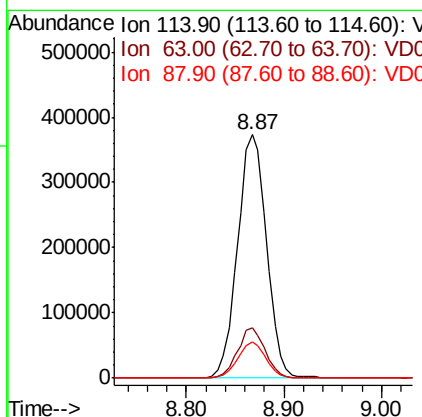
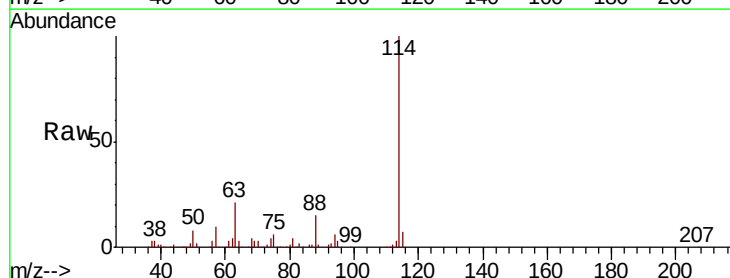
Instrument :
 MSVOA_D
 ClientSampleId :
 K435-SB3

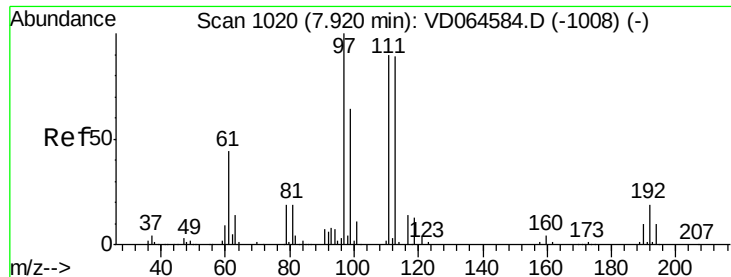
Tot Ion: 65 Resp: 242034
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064692.D
 Acq: 31 Dec 2019 13:51

Tgt Ion: 114 Resp: 768283
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 38.0
 88 14.9 0.0 29.2

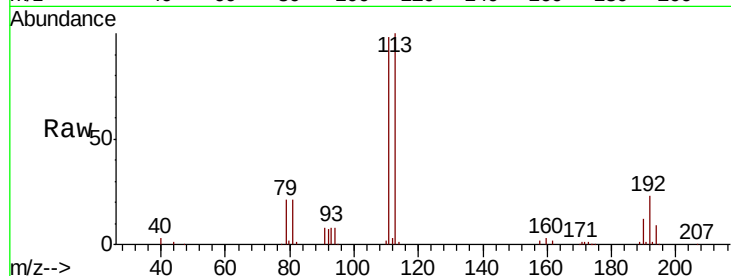




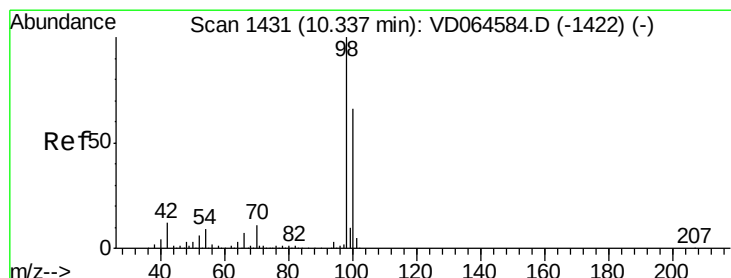
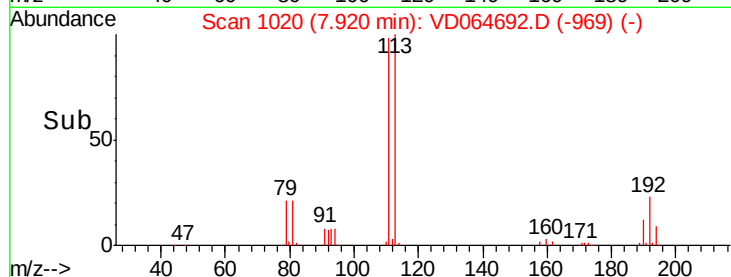
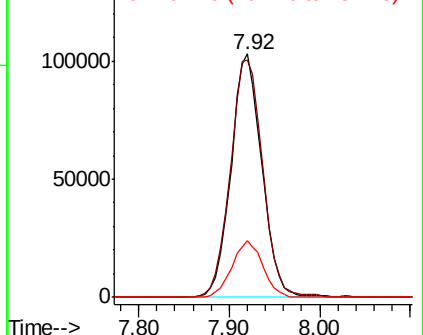
#35
 Dibromofluoromethane
 Concen: 51.502 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064692.D
 Acq: 31 Dec 2019 13:51

Instrument :
 MSVOA_D
 ClientSampleId :
 K435-SB3

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.6	121.0
192	23.4	17.9	26.9

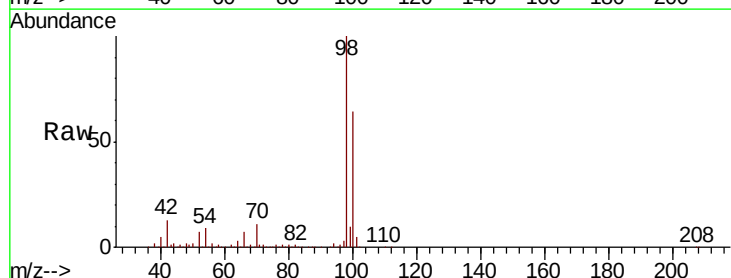


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

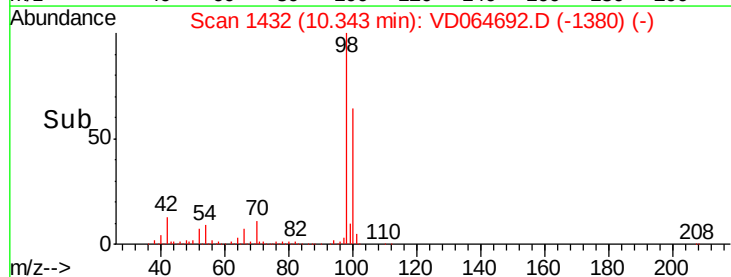
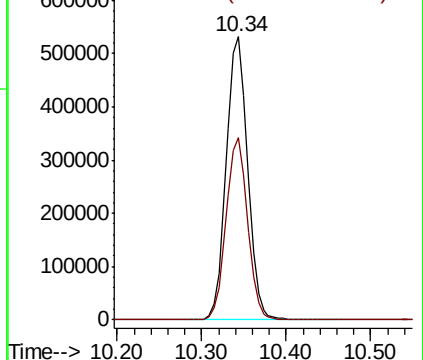


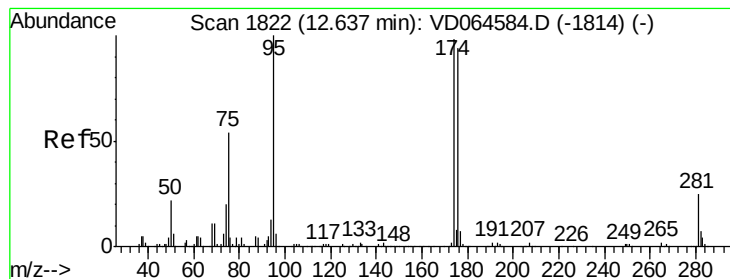
#50
 Toluene-d8
 Concen: 51.285 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064692.D
 Acq: 31 Dec 2019 13:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5



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





#62

4-Bromofluorobenzene

Concen: 49.502 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064692.D

Acq: 31 Dec 2019 13:51

Instrument :

MSVOA_D

ClientSampleId :

K435-SB3

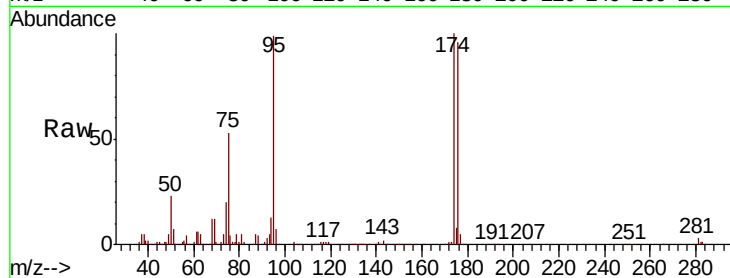
Tot Ion: 95 Resp: 282576

Ion Ratio Lower Upper

95 100

174 97.2 0.0 193.2

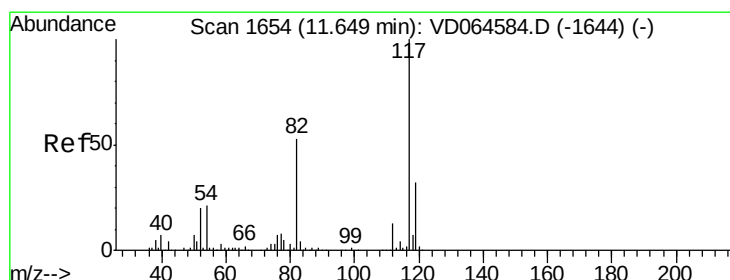
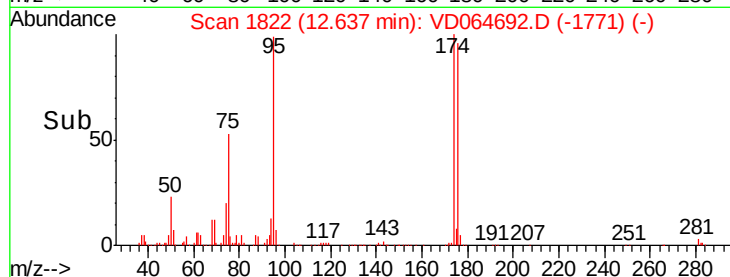
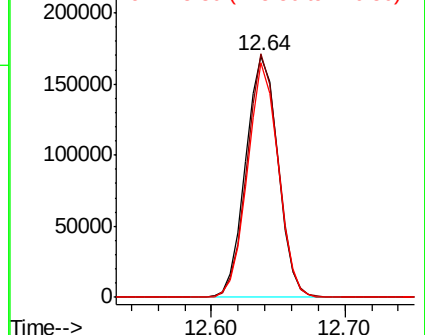
176 92.7 0.0 184.2



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: VD064692.D

Acq: 31 Dec 2019 13:51

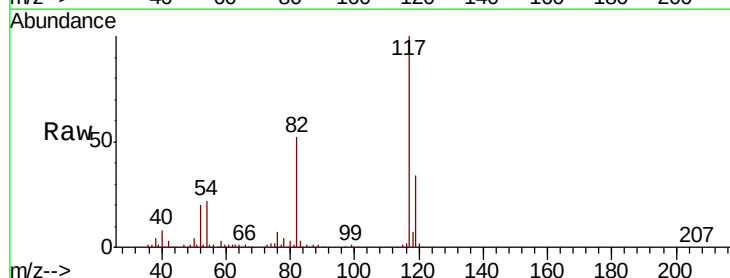
Tgt Ion: 117 Resp: 683490

Ion Ratio Lower Upper

117 100

82 52.0 42.2 63.4

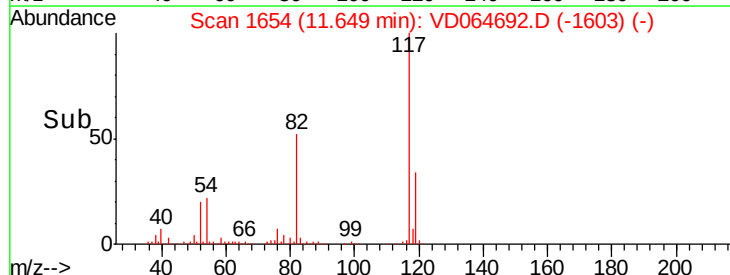
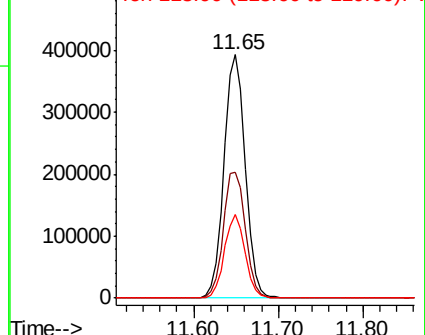
119 34.2 26.0 39.0

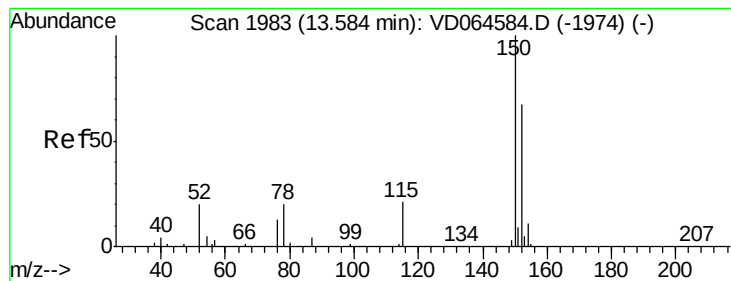


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064692.D

Acq: 31 Dec 2019 13:51

Instrument :

MSVOA_D

ClientSampleId :

K435-SB3

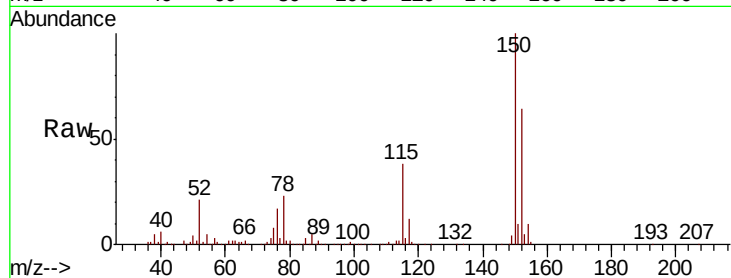
Tot Ion:152 Resp: 326436

Ion Ratio Lower Upper

152 100

115 54.6 27.8 83.4

150 154.8 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

