

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121719\
 Data File : VD064547.D
 Acq On : 17 Dec 2019 16:07
 Operator : VA/SY
 Sample : K6324-07
 Misc : 5.62G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-15

Quant Time: Dec 18 03:15:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

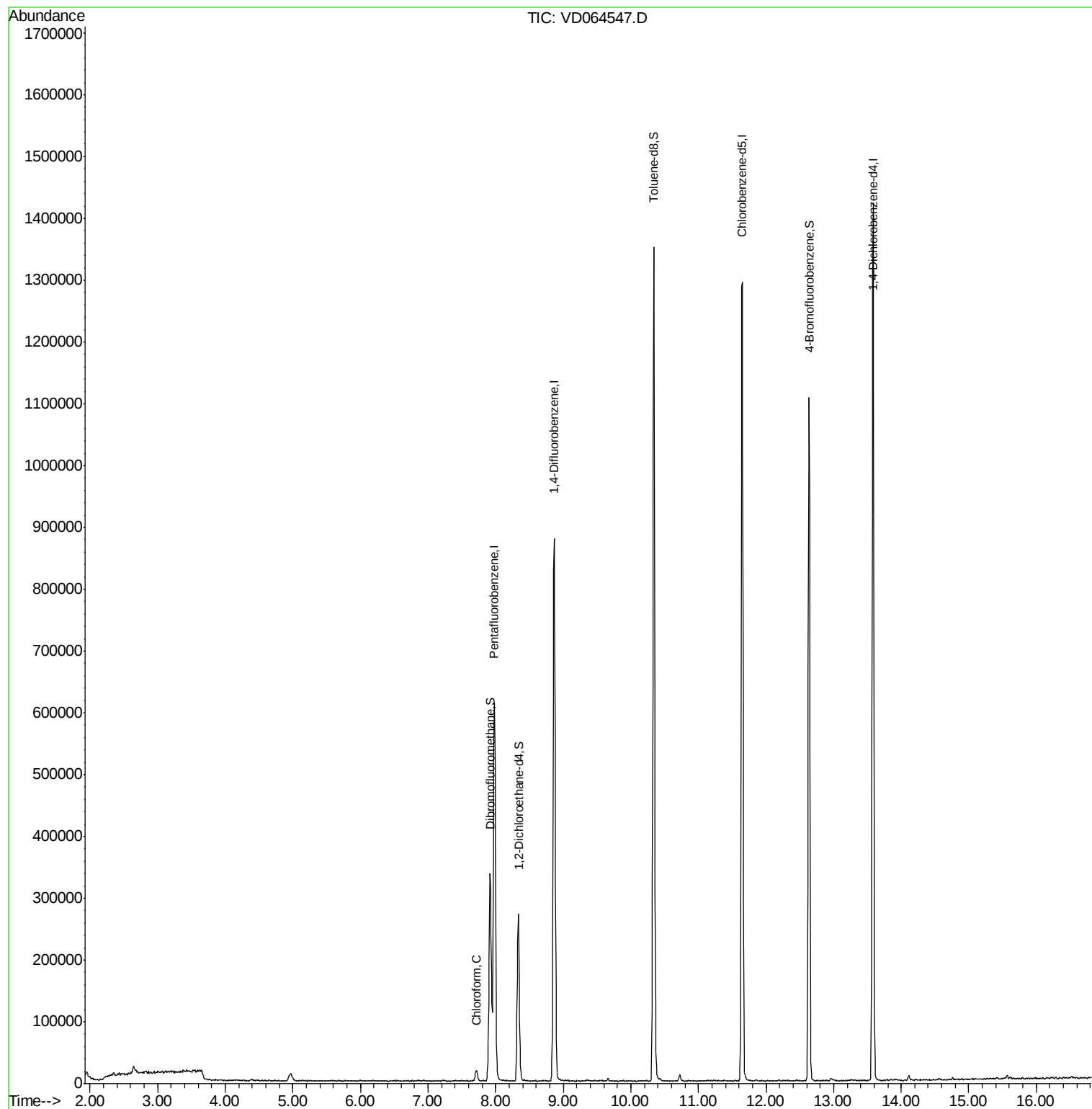
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	486360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	766721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	757254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	386250	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	208053	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
35) Dibromofluoromethane	7.92	113	236017	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
50) Toluene-d8	10.34	98	923959	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.64	95	334142	57.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.28%	
Target Compounds						
30) Chloroform	7.71	83	16300	1.938	ug/l	Qvalue 89

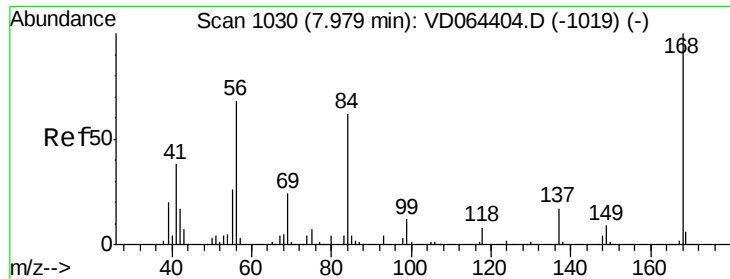
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064547.D

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Instrument :

MSVOA_D

ClientSampleId :

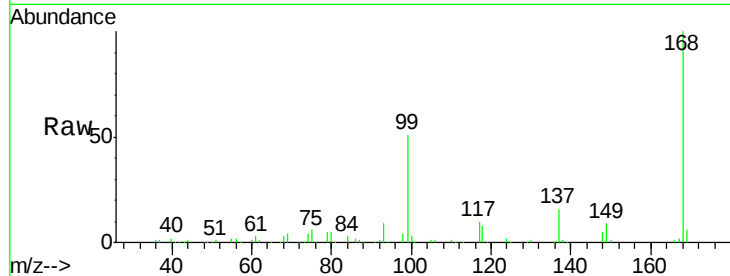
EP-15

Tot Ion:168 Resp: 486360

Ion Ratio Lower Upper

168 100

99 50.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

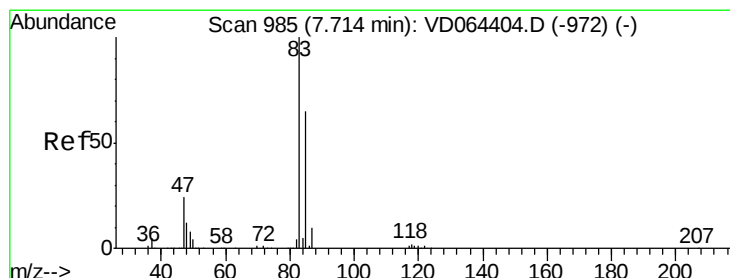
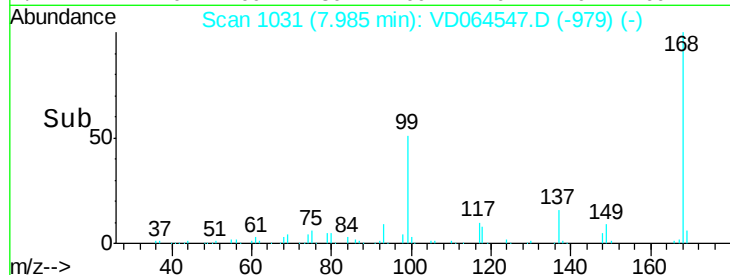
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 1.938 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD064547.D

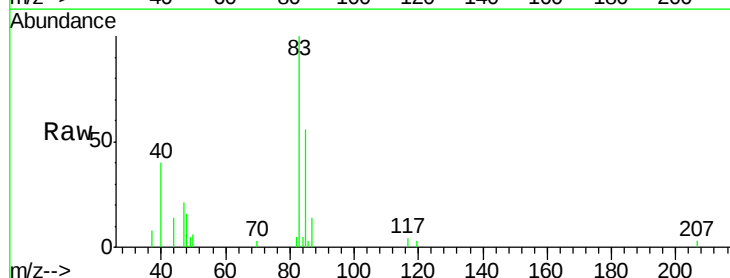
Acq: 17 Dec 2019 16:07

Tgt Ion: 83 Resp: 16300

Ion Ratio Lower Upper

83 100

85 55.9 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

7.71

8000

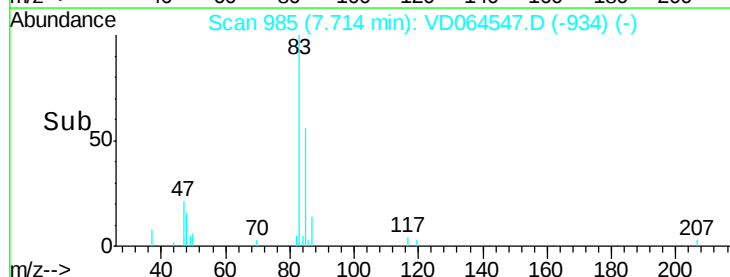
6000

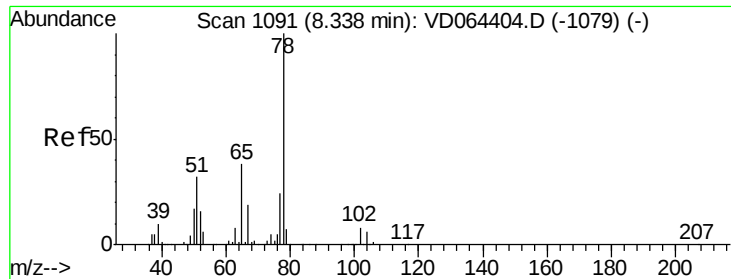
4000

2000

0

Time-->

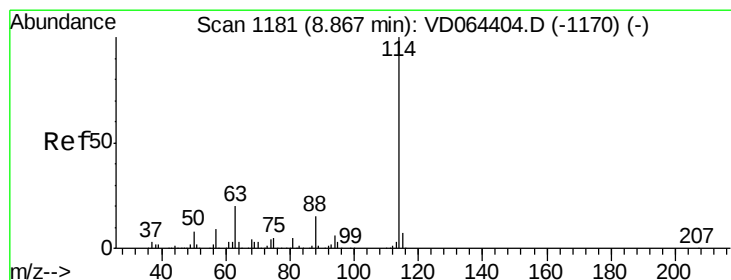
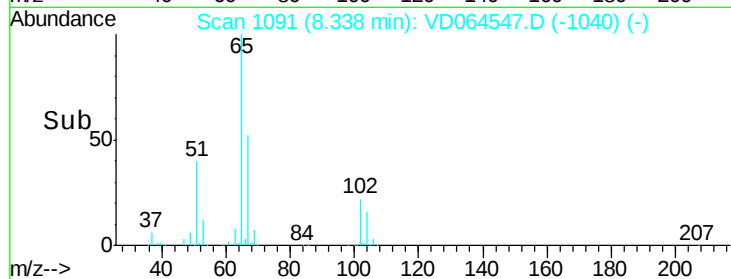
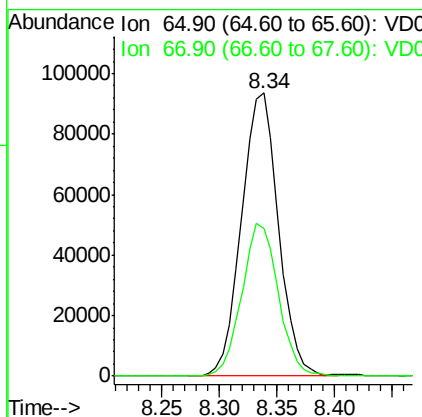
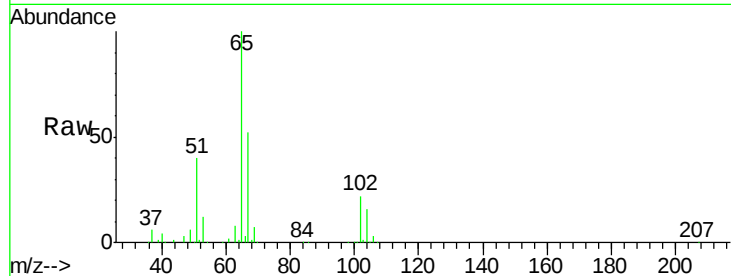




#33
 1,2-Dichloroethane-d4
 Concen: 47.260 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD064547.D
 Acq: 17 Dec 2019 16:07

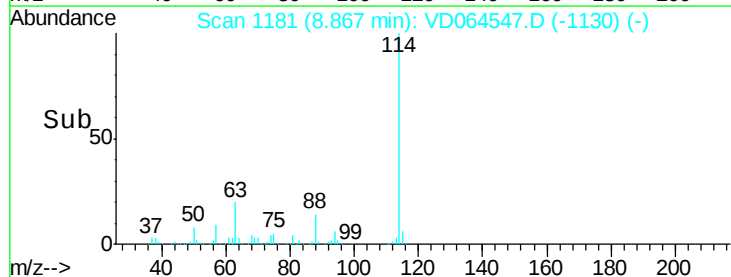
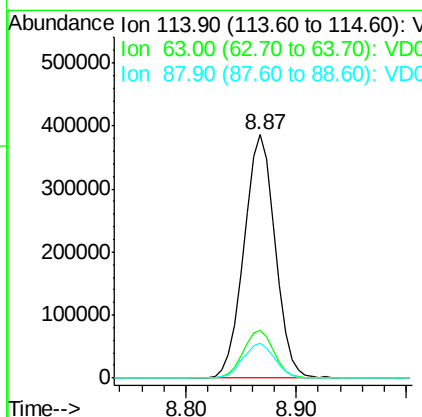
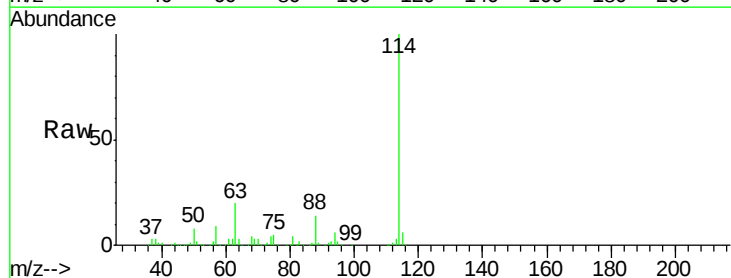
Instrument :
 MSVOA_D
 ClientSampled :
 EP-15

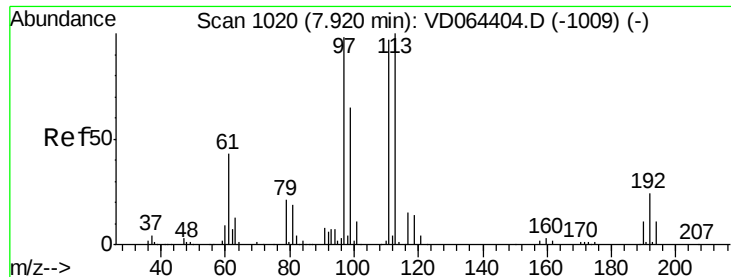
Tot Ion: 65 Resp: 208053
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064547.D
 Acq: 17 Dec 2019 16:07

Tgt Ion: 114 Resp: 766721
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 14.4 0.0 29.2

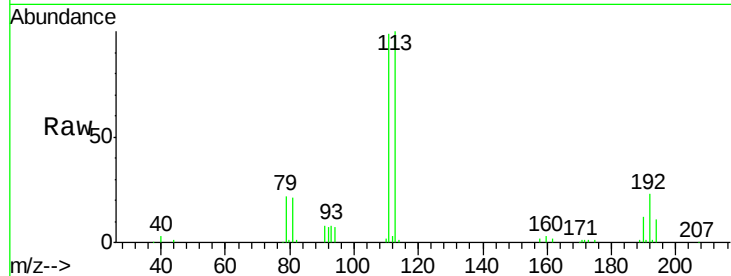




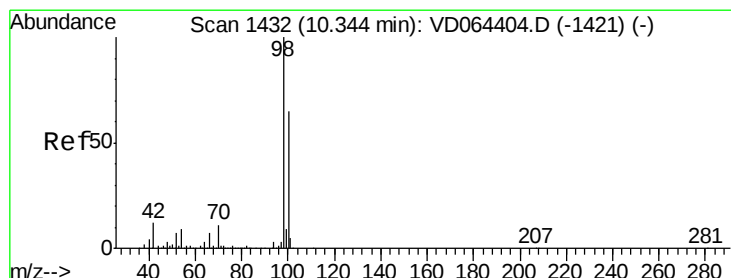
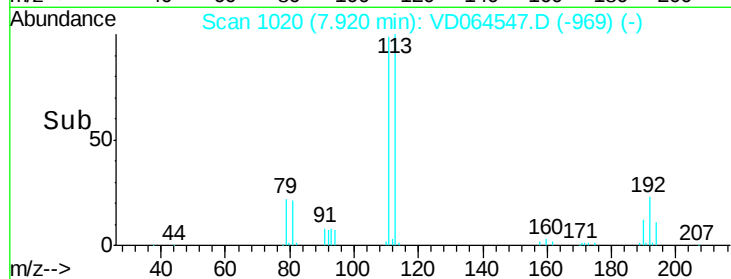
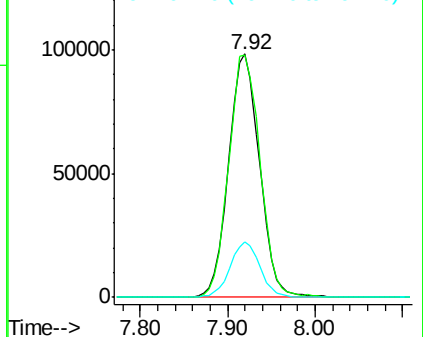
#35
 Dibromofluoromethane
 Concen: 48.857 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064547.D
 Acq: 17 Dec 2019 16:07

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-15

Tot Ion:113 Resp: 236017
 Ion Ratio Lower Upper
 113 100
 111 101.4 79.4 119.2
 192 22.0 18.6 28.0

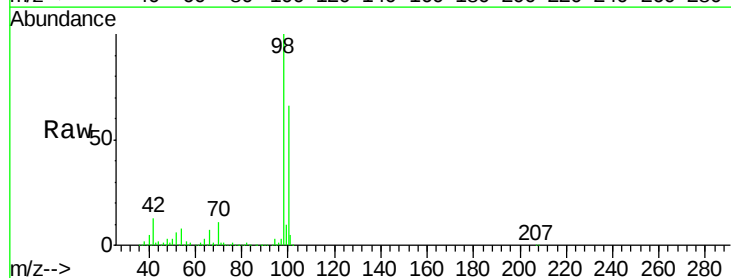


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

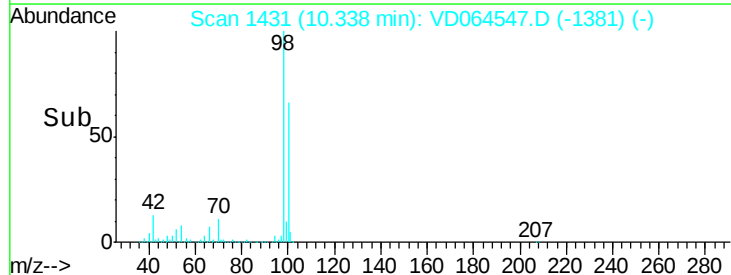
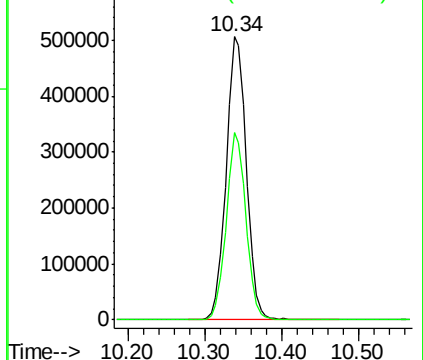


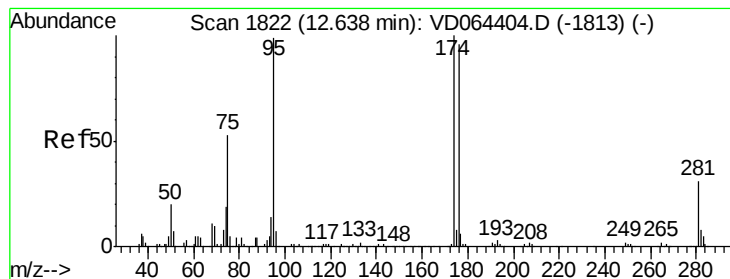
#50
 Toluene-d8
 Concen: 50.776 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VD064547.D
 Acq: 17 Dec 2019 16:07

Tgt Ion: 98 Resp: 923959
 Ion Ratio Lower Upper
 98 100
 100 64.3 52.6 79.0



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





#62

4-Bromofluorobenzene

Concen: 57.138 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064547.D

Acq: 17 Dec 2019 16:07

Instrument :

MSVOA_D

ClientSampled :

EP-15

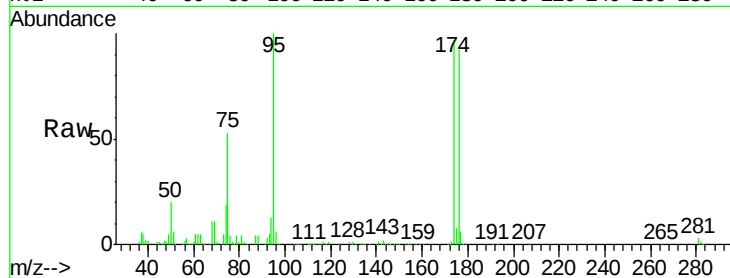
Tot Ion: 95 Resp: 334142

Ion Ratio Lower Upper

95 100

174 95.2 0.0 197.2

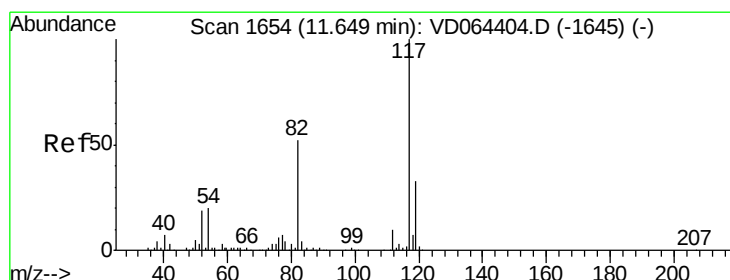
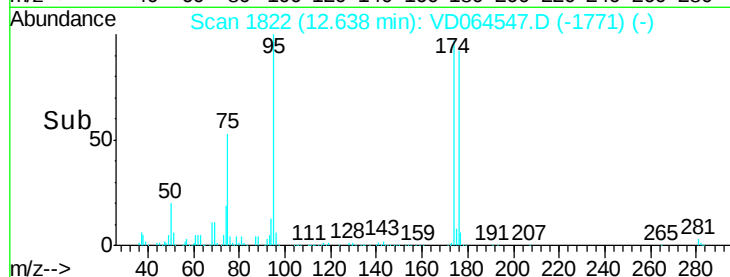
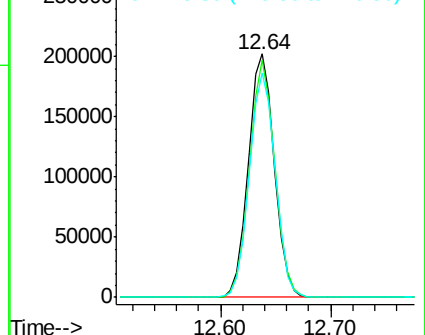
176 92.0 0.0 189.6



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: VD064547.D

Acq: 17 Dec 2019 16:07

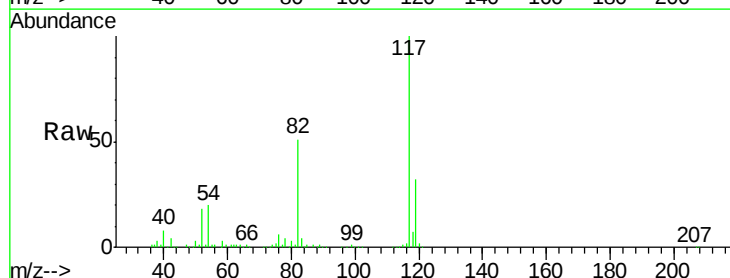
Tgt Ion: 117 Resp: 757254

Ion Ratio Lower Upper

117 100

82 50.8 41.4 62.2

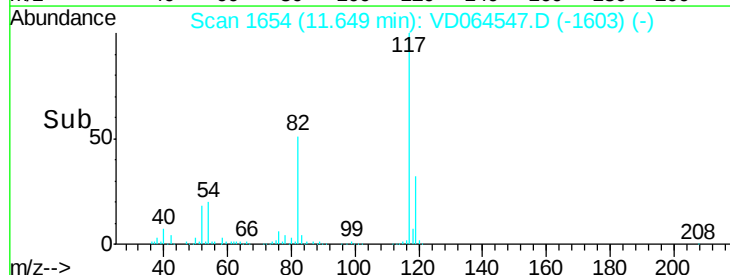
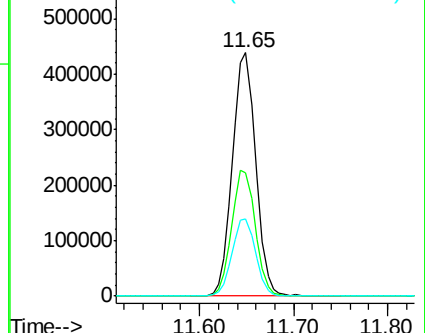
119 31.9 26.2 39.2

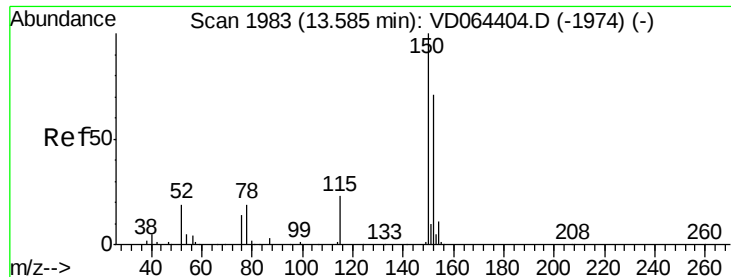


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064547.D

Acq: 17 Dec 2019 16:07

Instrument :

MSVOA_D

ClientSampleId :

EP-15

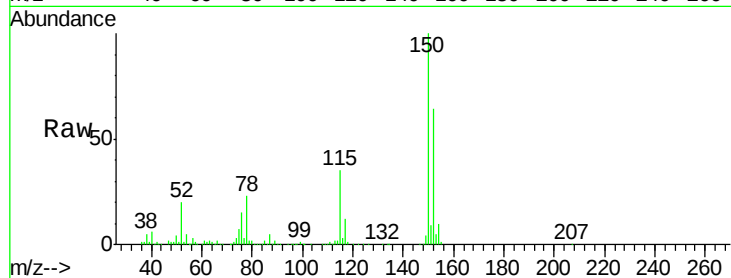
Tot Ion:152 Resp: 386250

Ion Ratio Lower Upper

152 100

115 54.6 26.7 80.1

150 155.2 0.0 347.2



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

