

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010820\
 Data File : VD064803.D
 Acq On : 08 Jan 2020 13:31
 Operator : VA/SY
 Sample : VD0108SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0108

Quant Time: Jan 08 13:58:57 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

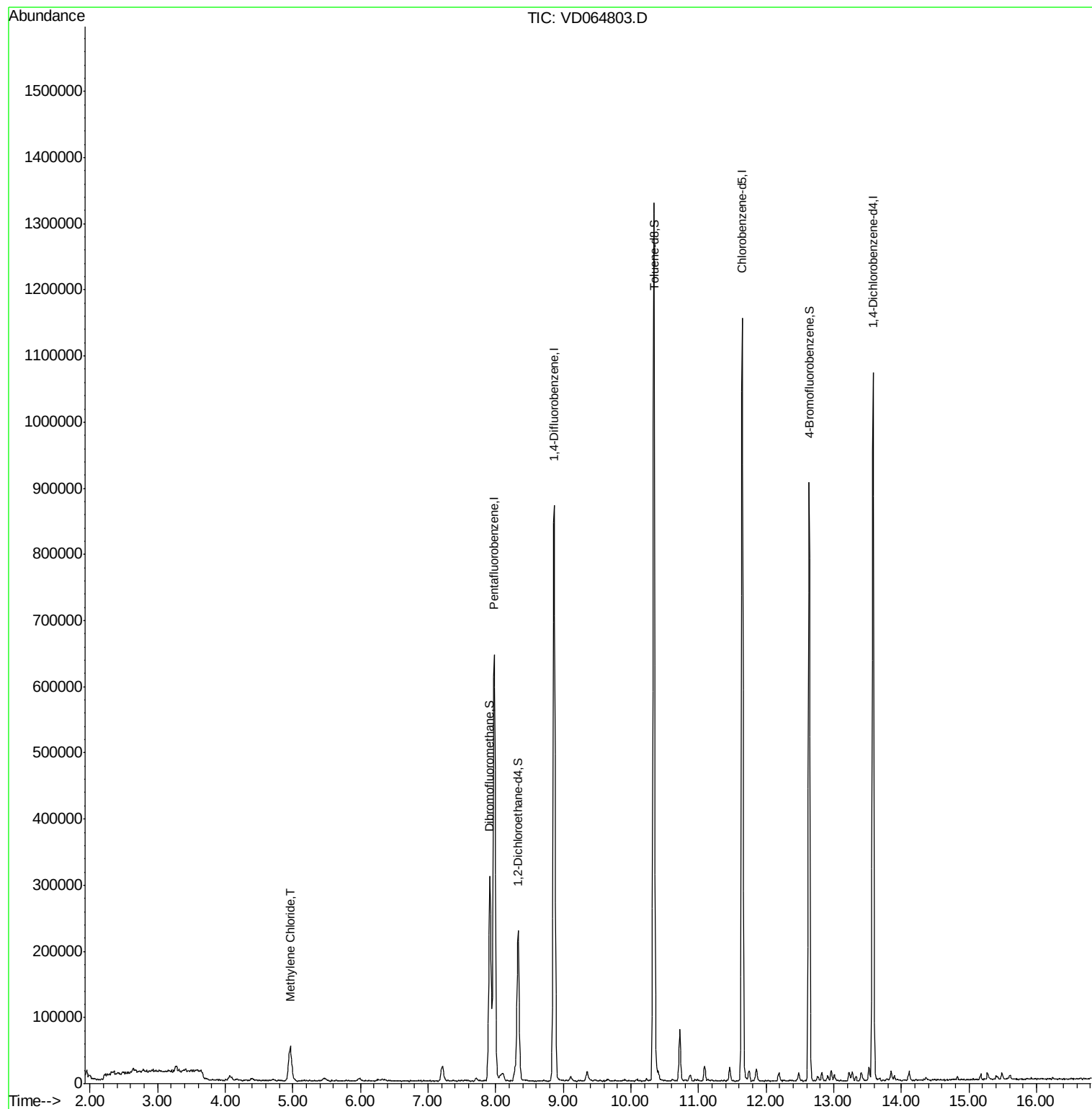
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	505919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	753184	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	641784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	279900	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	176729	39.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.24%	
35) Dibromofluoromethane	7.91	113	216094	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
50) Toluene-d8	10.34	98	892573	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.64	95	248825	44.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.92%	
Target Compounds						
20) Methylene Chloride	4.96	84	40166	4.340	ug/l	Qvalue 93

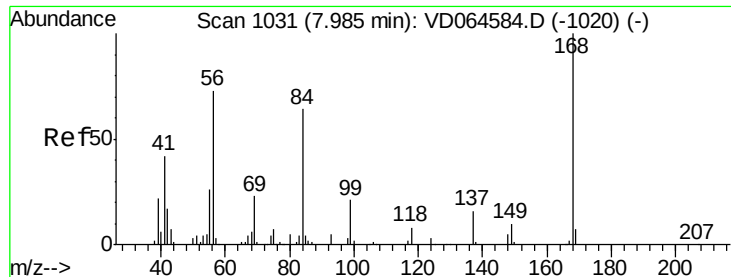
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 24 13:19:06 2019
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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: VD064803.D

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MSVOA_D

ClientSampleId :

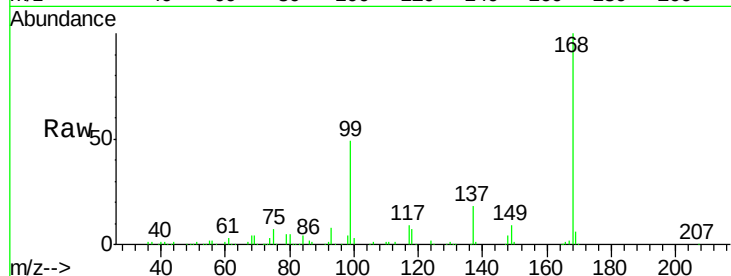
VD0108

Tgt Ion:168 Resp: 505919

Ion Ratio Lower Upper

168 100

99 48.7 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

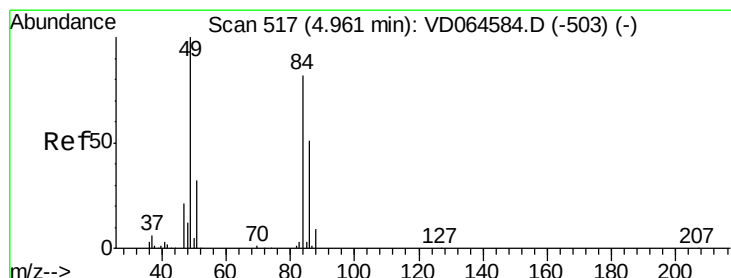
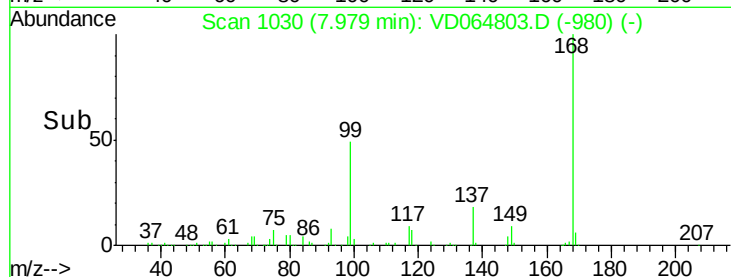
100000

50000

0

7.90 8.00 8.10

Time-->



#20

Methylene Chloride

Concen: 4.340 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD064803.D

Acq: 08 Jan 2020 13:31

Tgt Ion: 84 Resp: 40166

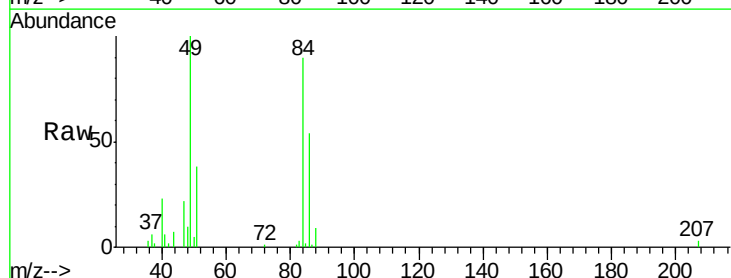
Ion Ratio Lower Upper

84 100

49 110.7 97.2 145.8

51 41.9 31.4 47.0

86 60.1 49.3 73.9



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

20000

15000

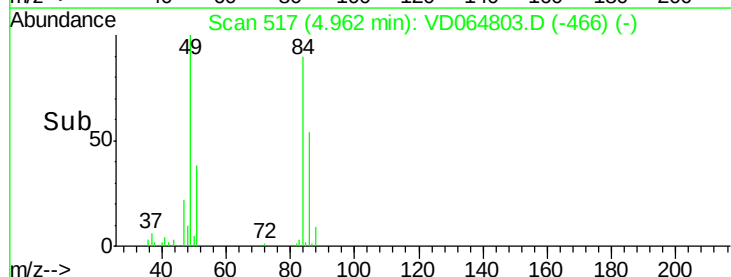
10000

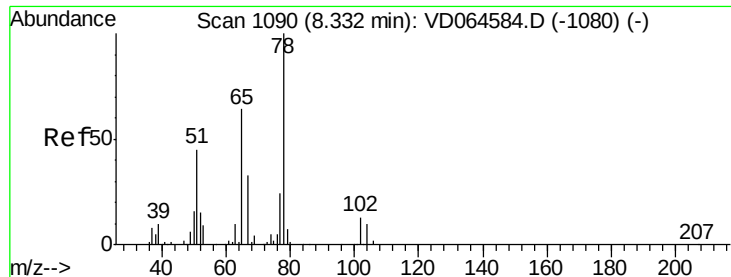
5000

0

4.80 4.90 5.00

Time-->

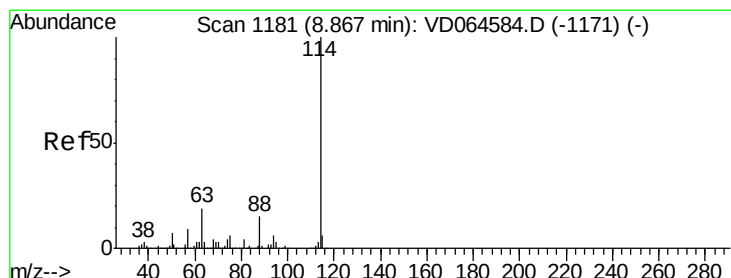
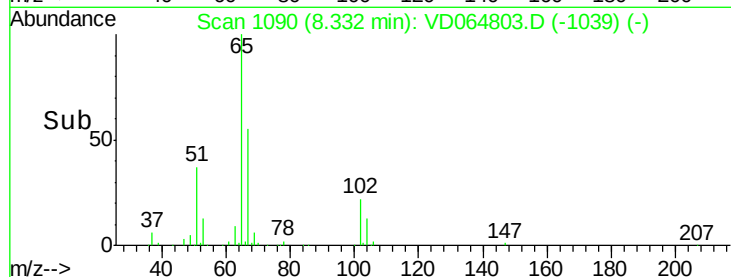
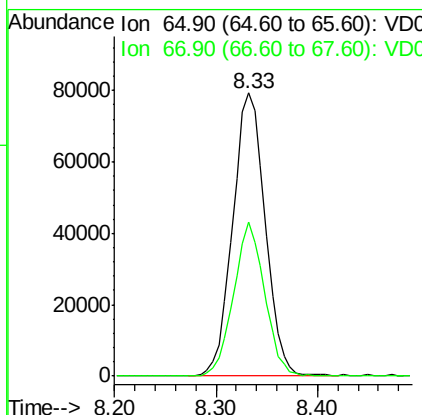
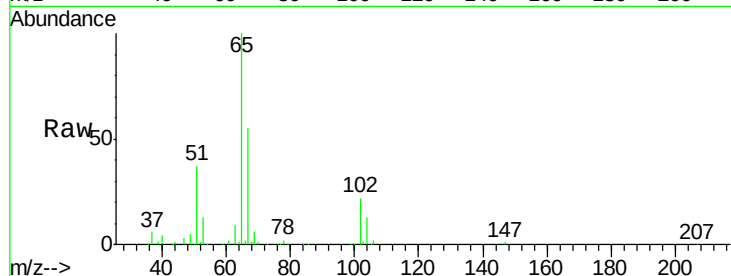




#33
 1,2-Dichloroethane-d4
 Concen: 39.615 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064803.D
 Acq: 08 Jan 2020 13:31

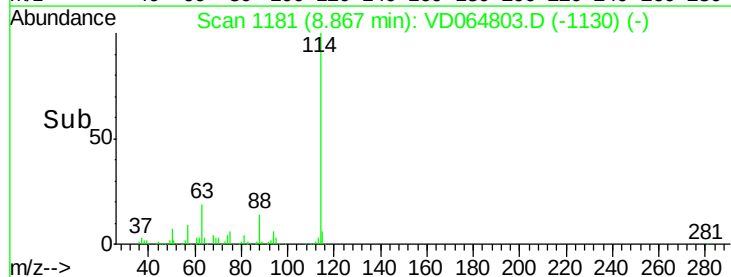
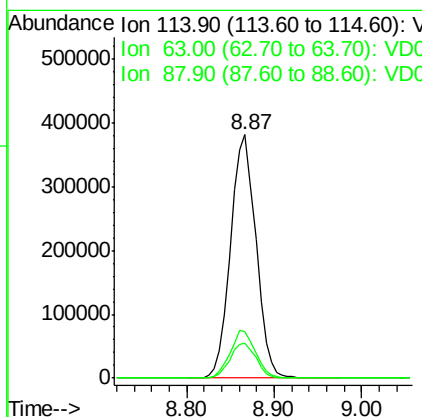
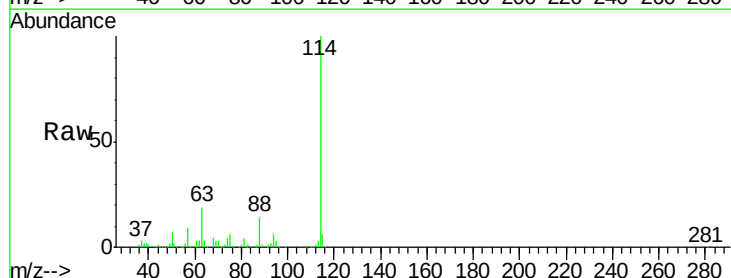
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0108

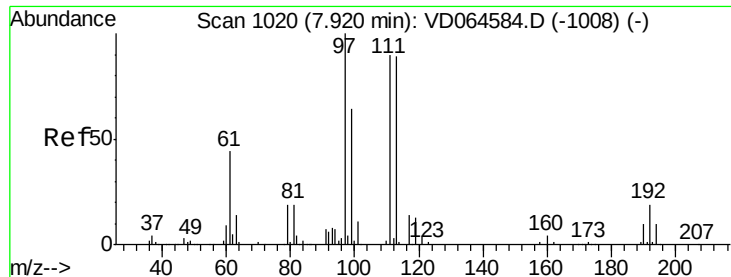
Tgt Ion: 65 Resp: 176729
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064803.D
 Acq: 08 Jan 2020 13:31

Tgt Ion: 114 Resp: 753184
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.0
 88 14.1 0.0 29.2

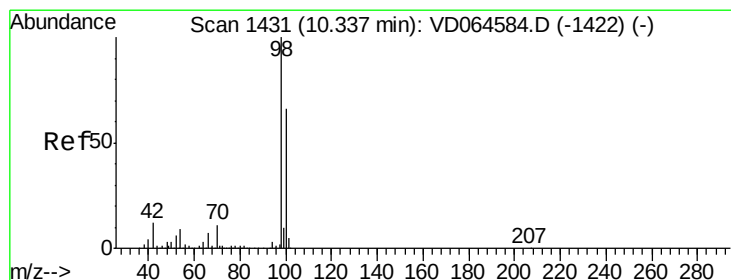
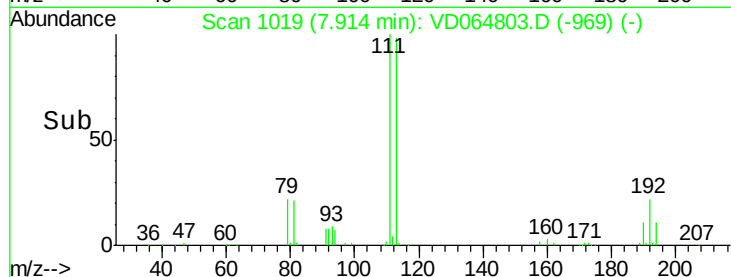
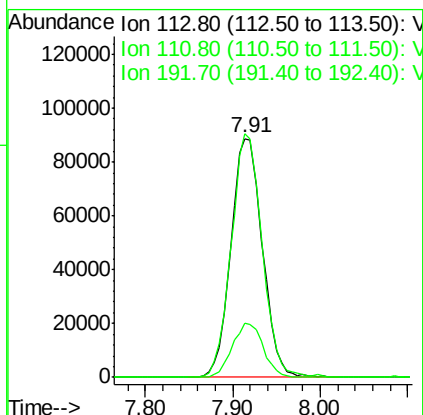
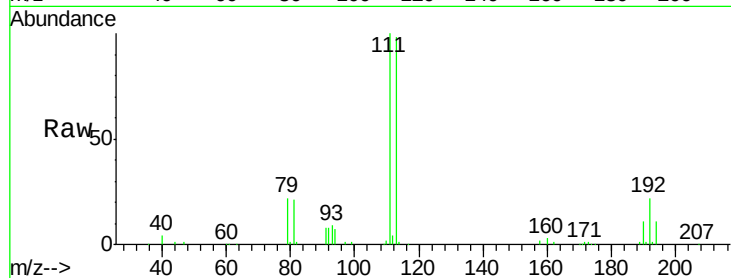




#35
 Dibromofluoromethane
 Concen: 46.764 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064803.D
 Acq: 08 Jan 2020 13:31

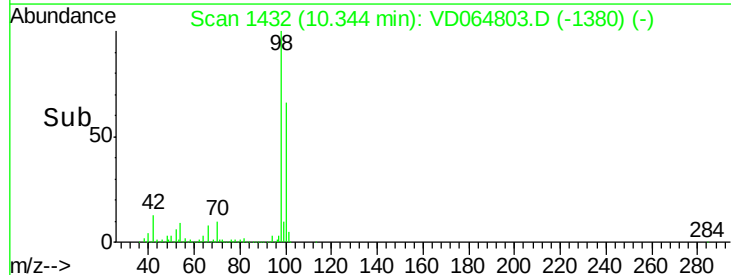
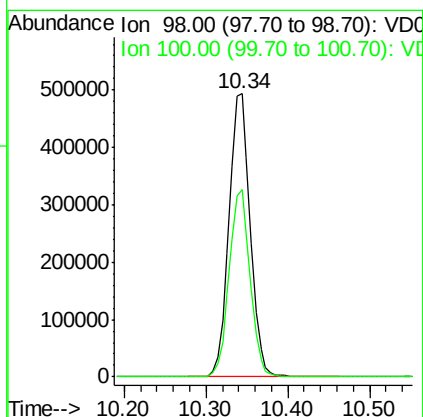
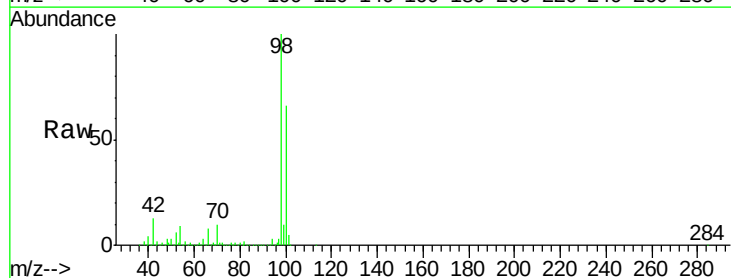
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0108

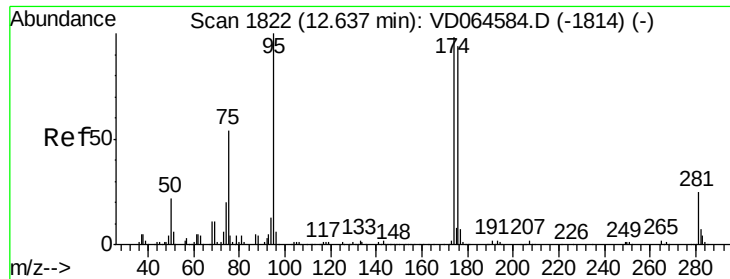
Tgt Ion: 113 Resp: 216094
 Ion Ratio Lower Upper
 113 100
 111 100.2 80.6 121.0
 192 22.3 17.9 26.9



#50
 Toluene-d8
 Concen: 50.435 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064803.D
 Acq: 08 Jan 2020 13:31

Tgt Ion: 98 Resp: 892573
 Ion Ratio Lower Upper
 98 100
 100 65.3 51.7 77.5

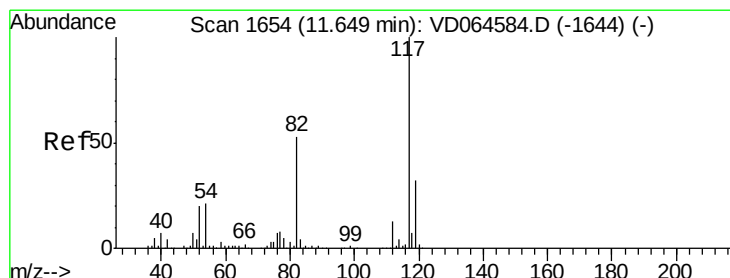
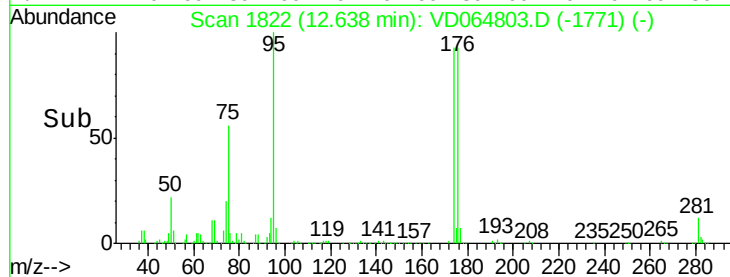
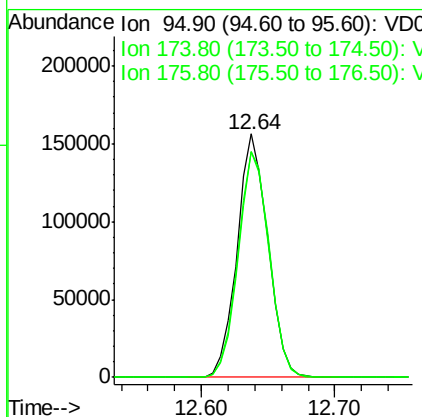
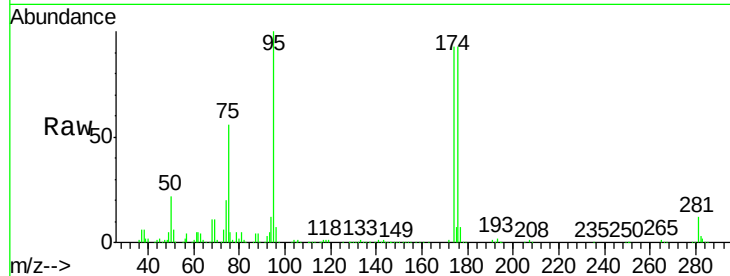




#62
4-Bromofluorobenzene
Concen: 44.463 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064803.D
Acq: 08 Jan 2020 13:31

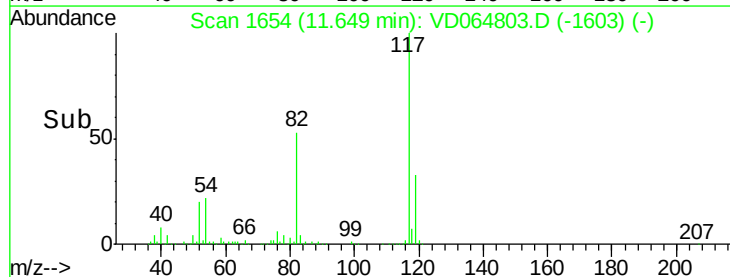
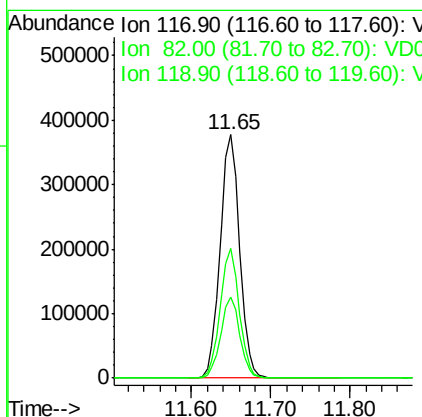
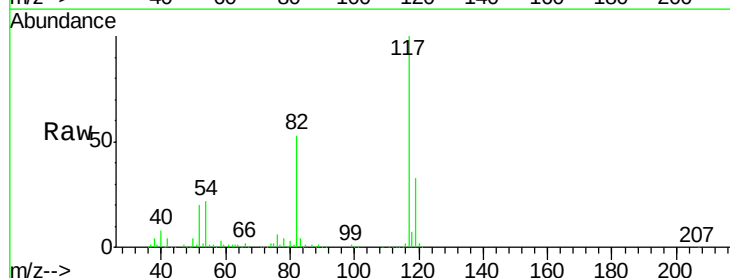
Instrument :
MSVOA_D
ClientSampleId :
VD0108

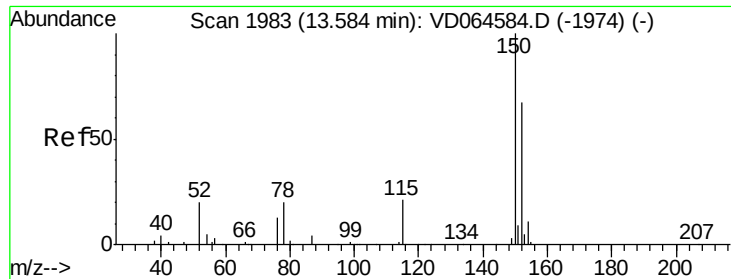
Tgt Ion: 95 Resp: 248825
Ion Ratio Lower Upper
95 100
174 94.4 0.0 193.2
176 92.4 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064803.D
Acq: 08 Jan 2020 13:31

Tgt Ion: 117 Resp: 641784
Ion Ratio Lower Upper
117 100
82 53.2 42.2 63.4
119 33.1 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064803.D

Acq: 08 Jan 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

VD0108

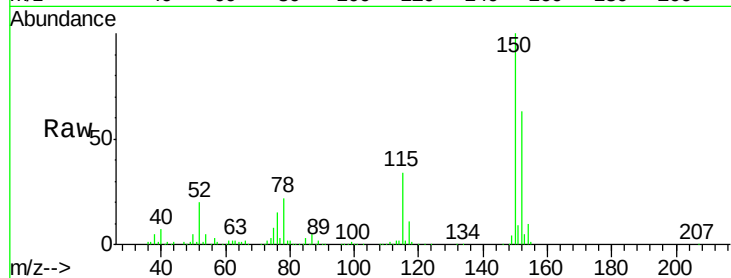
Tgt Ion:152 Resp: 279900

Ion Ratio Lower Upper

152 100

115 55.7 27.8 83.4

150 157.5 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

