

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112219\
 Data File : VD064346.D
 Acq On : 22 Nov 2019 14:36
 Operator : VA/SY
 Sample : K5977-09
 Misc : 6.60G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WS-112119-0-1-GRAB-B6

Quant Time: Nov 23 01:15:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

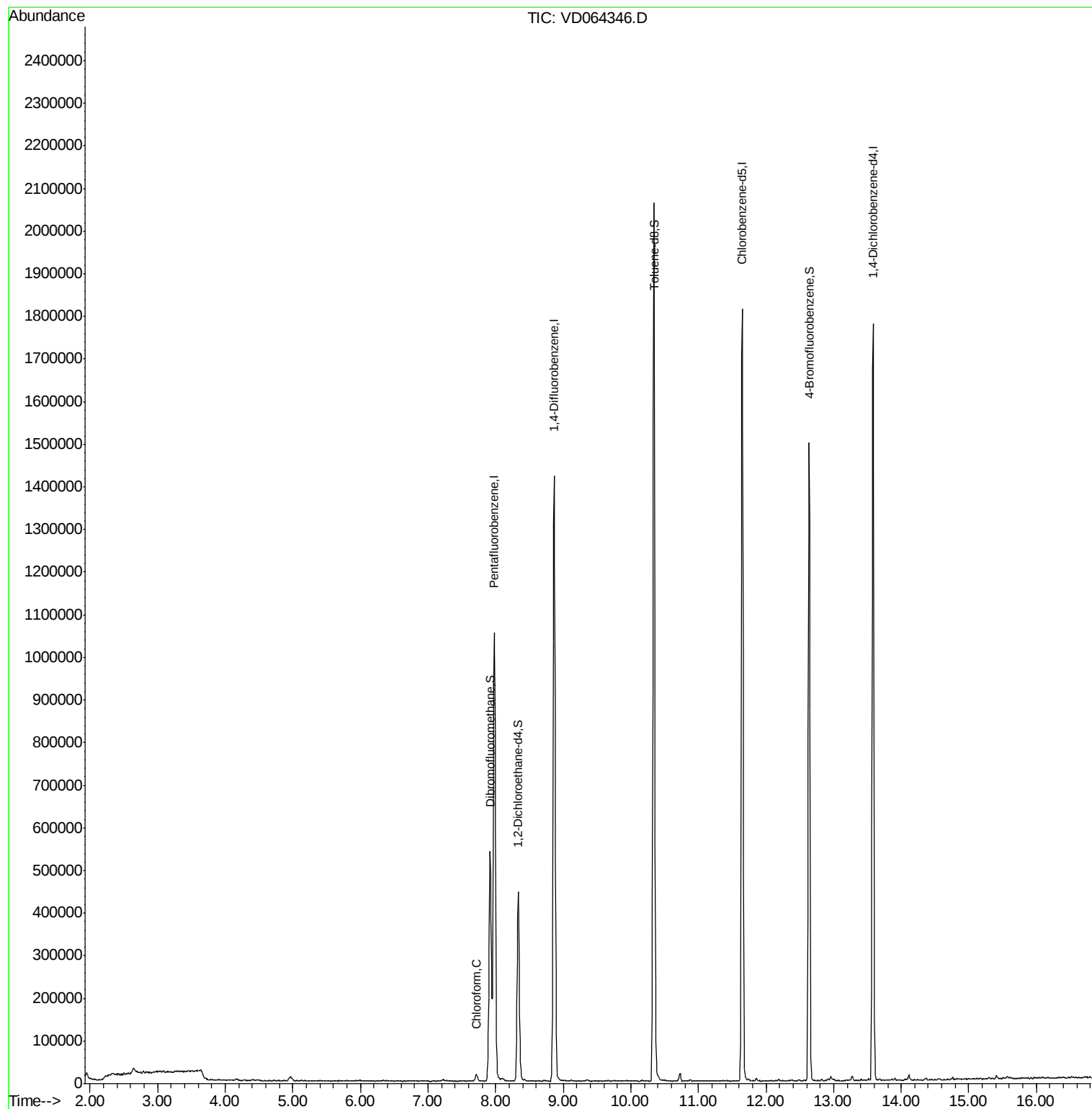
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	856314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1252557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1079056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	489250	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	355205	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
35) Dibromofluoromethane	7.92	113	373952	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
50) Toluene-d8	10.34	98	1462391	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.84%	
62) 4-Bromofluorobenzene	12.64	95	458570	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
Target Compounds						
30) Chloroform	7.71	83	15201	1.084	ug/l	Qvalue 88

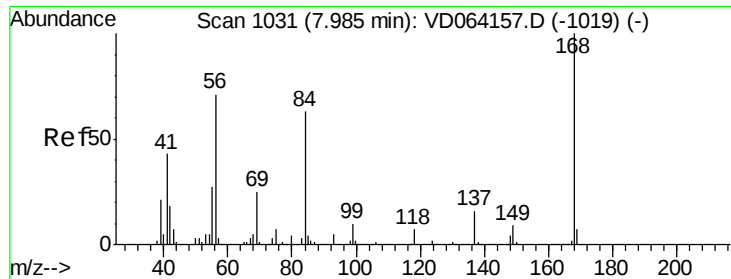
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064346.D

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Instrument :

MSVOA_D

ClientSampleId :

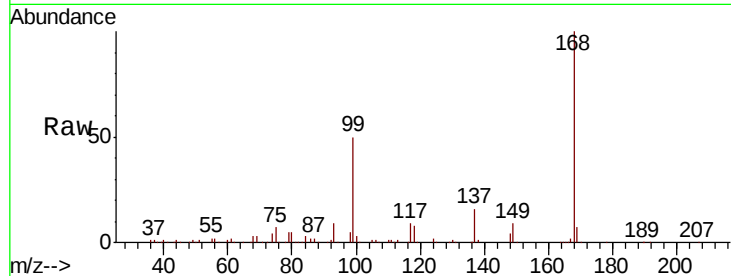
WS-112119-0-1-GRAB-B6

Tot Ion:168 Resp: 856314

Ion Ratio Lower Upper

168 100

99 49.9 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

400000

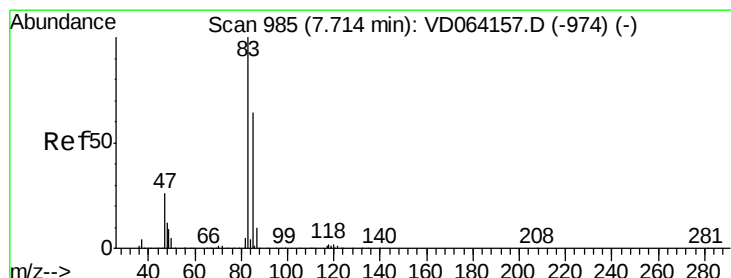
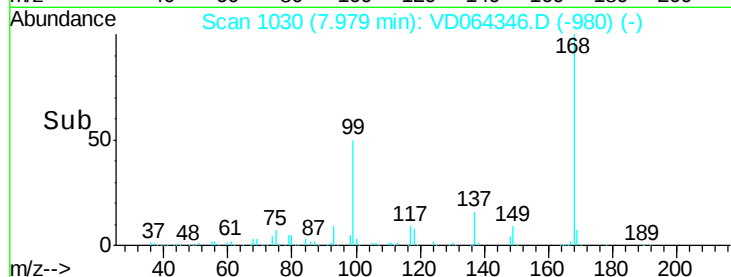
300000

200000

100000

0

Time-->



#30

Chloroform

Concen: 1.084 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD064346.D

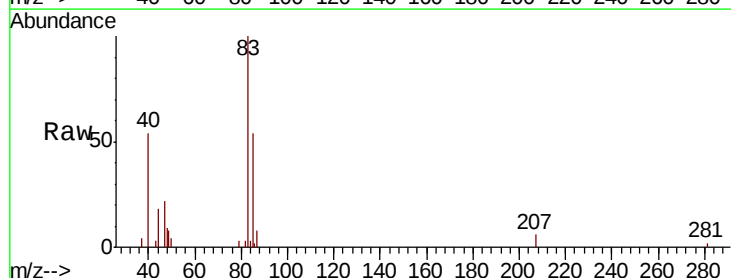
Acq: 22 Nov 2019 14:36

Tgt Ion: 83 Resp: 15201

Ion Ratio Lower Upper

83 100

85 54.5 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

7.71

8000

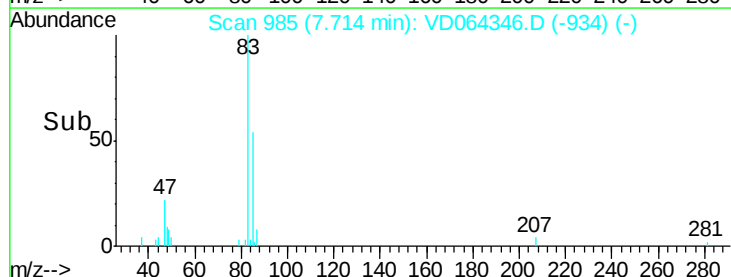
6000

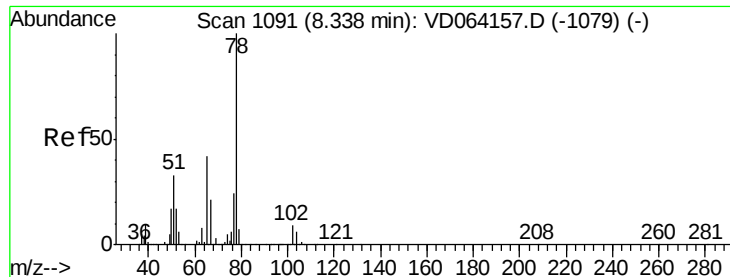
4000

2000

0

Time-->

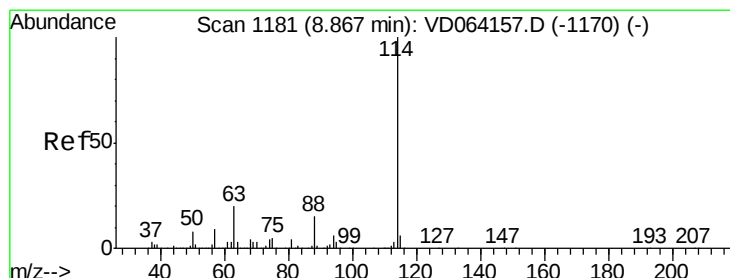
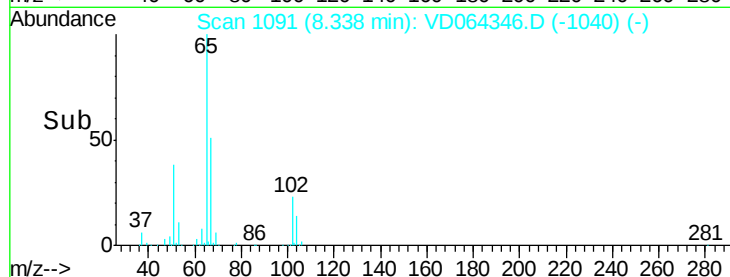
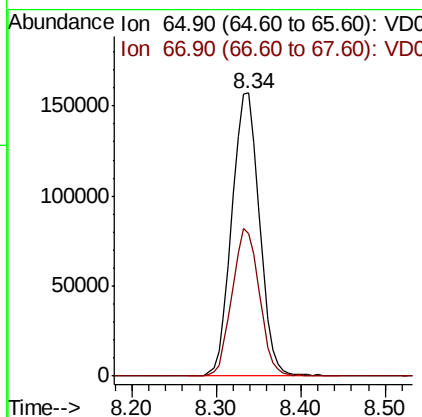
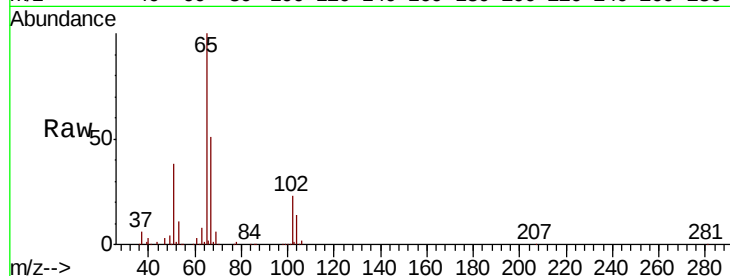




#33
 1,2-Dichloroethane-d4
 Concen: 50.436 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD064346.D
 Acq: 22 Nov 2019 14:36

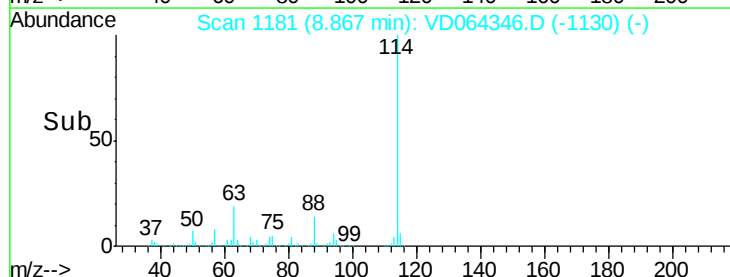
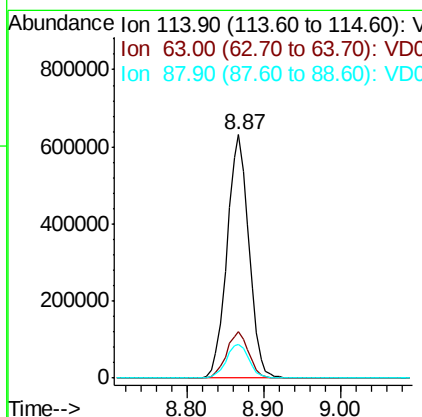
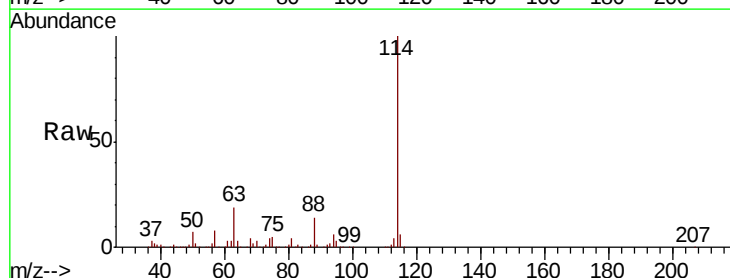
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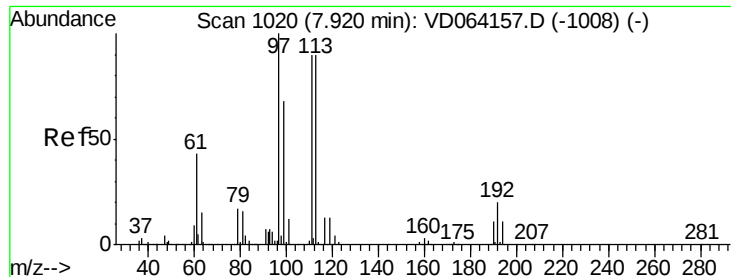
Tot Ion: 65 Resp: 355205
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064346.D
 Acq: 22 Nov 2019 14:36

Tgt Ion: 114 Resp: 1252557
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.0
 88 13.9 0.0 30.2

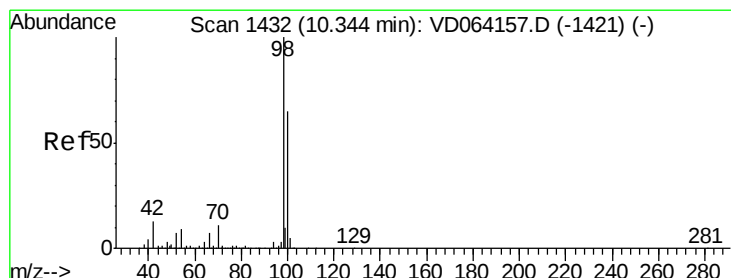
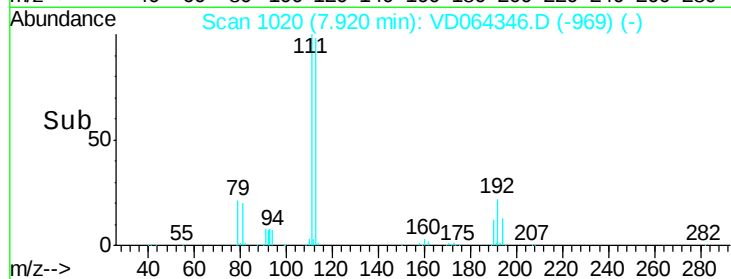
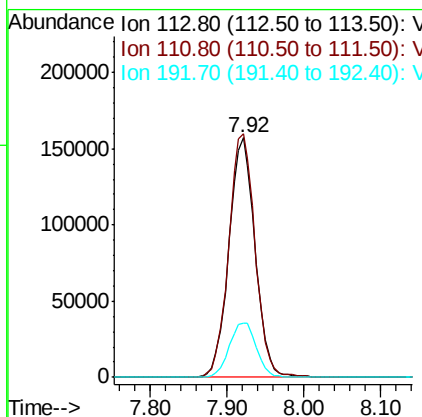
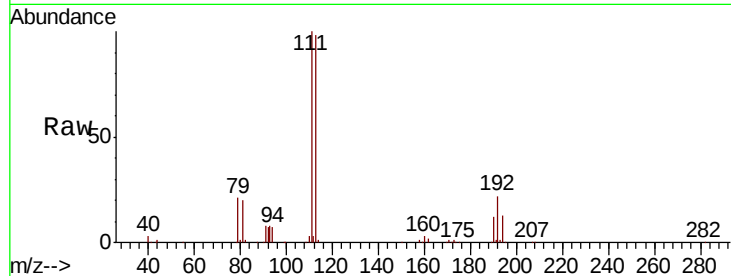




#35
Dibromofluoromethane
Concen: 52.011 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064346.D
Acq: 22 Nov 2019 14:36

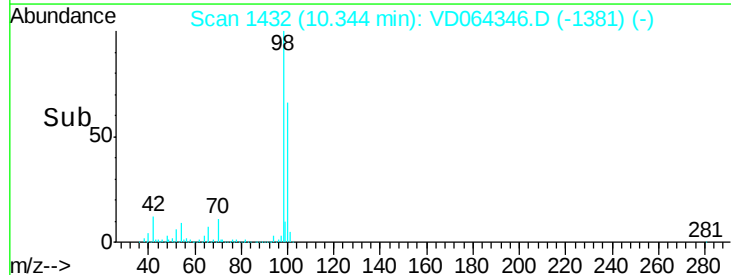
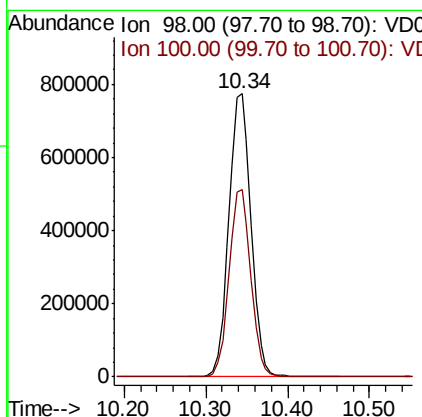
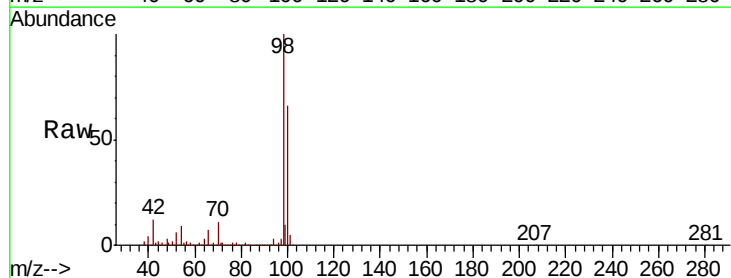
Instrument :
MSVOA_D
ClientSampleId :
WS-112119-0-1-GRAB-B6

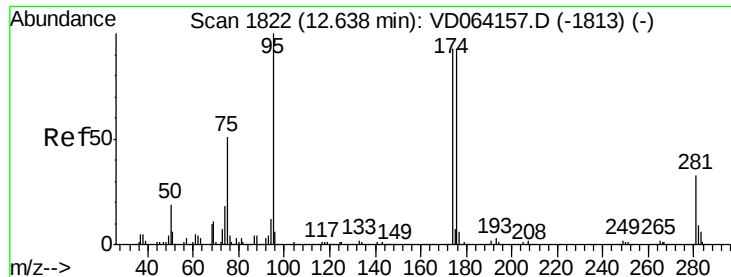
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.5	122.3
192	23.6	18.8	28.2



#50
Toluene-d8
Concen: 53.916 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064346.D
Acq: 22 Nov 2019 14:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.6	78.8

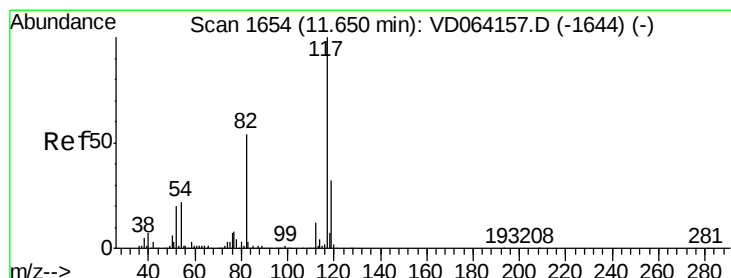
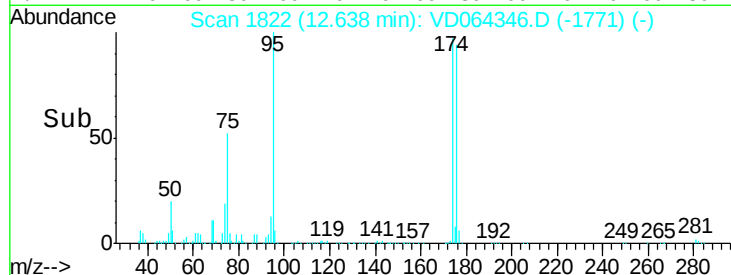
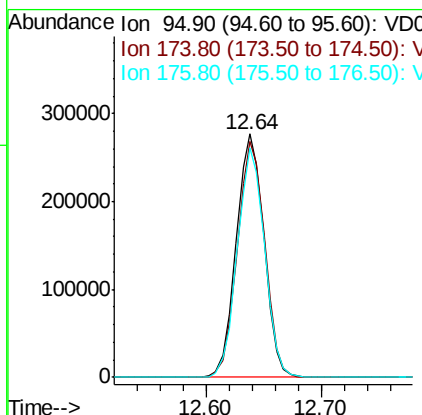
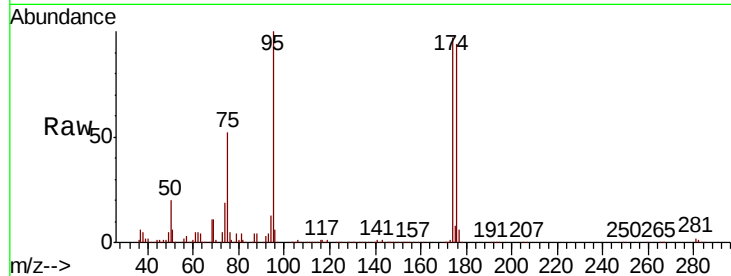




#62
4-Bromofluorobenzene
Concen: 48.820 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064346.D
Acq: 22 Nov 2019 14:36

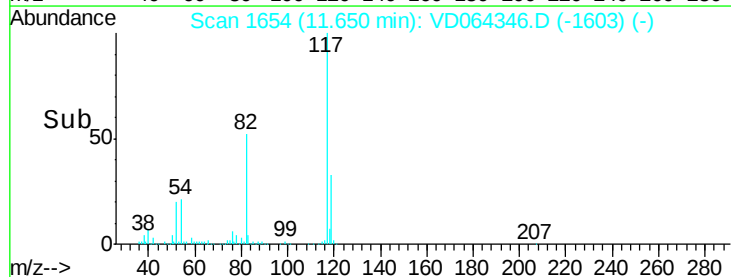
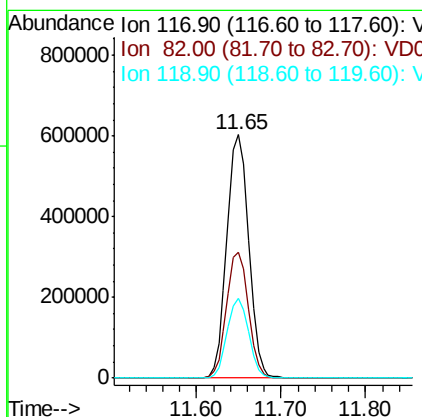
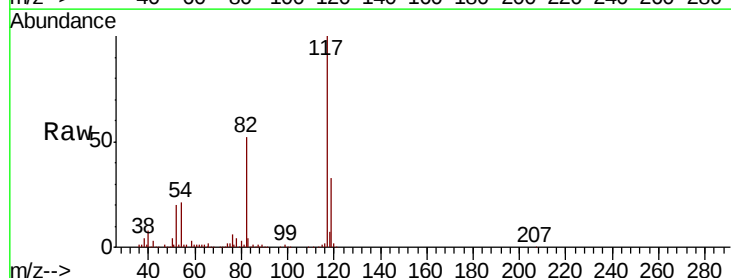
Instrument :
MSVOA_D
ClientSampleId :
WS-112119-0-1-GRAB-B6

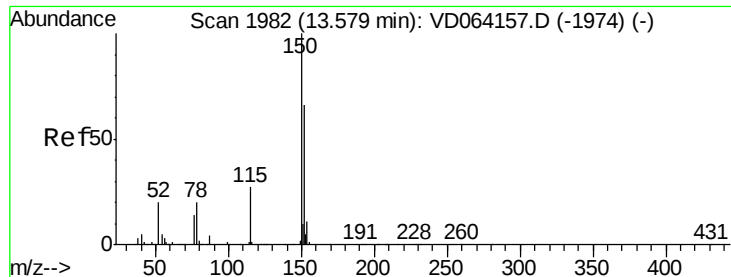
Tot Ion: 95 Resp: 458570
Ion Ratio Lower Upper
95 100
174 96.3 0.0 183.6
176 93.0 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064346.D
Acq: 22 Nov 2019 14:36

Tgt Ion: 117 Resp: 1079056
Ion Ratio Lower Upper
117 100
82 51.5 42.8 64.2
119 33.0 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064346.D

Acq: 22 Nov 2019 14:36

Instrument :

MSVOA_D

ClientSampleId :

WS-112119-0-1-GRAB-B6

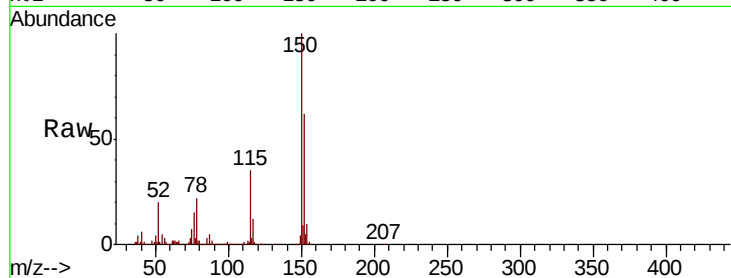
Tot Ion:152 Resp: 489250

Ion Ratio Lower Upper

152 100

115 55.4 27.4 82.2

150 159.0 0.0 351.6



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

