

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122719\
 Data File : VD064653.D
 Acq On : 27 Dec 2019 19:12
 Operator : VA/SY
 Sample : K6450-02
 Misc : 8.26G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB446_191226-FD-30-32

Quant Time: Dec 30 03:44:58 2019
 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

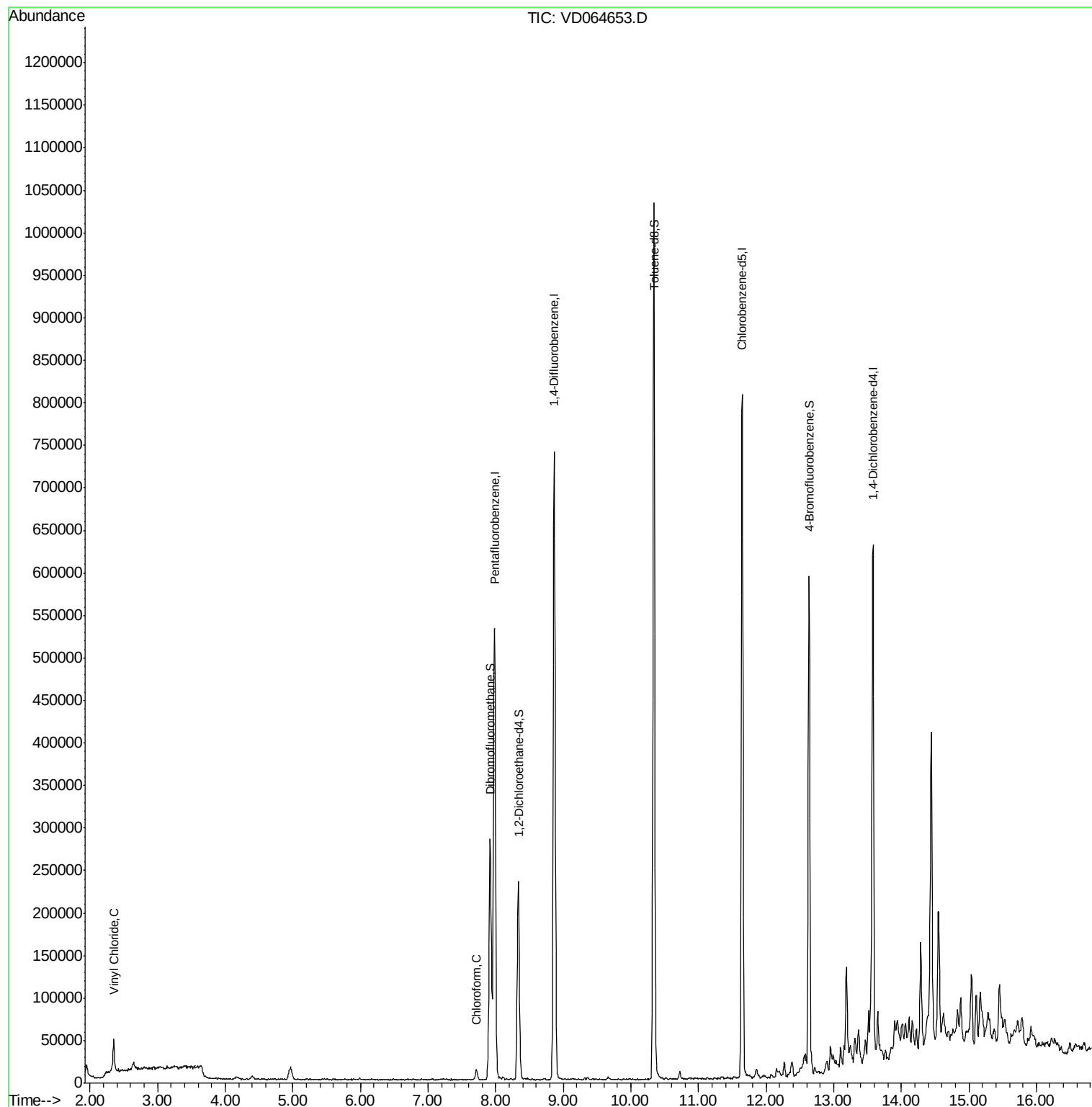
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	420097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	621296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	460331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	157261	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	184699	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
35) Dibromofluoromethane	7.92	113	194176	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
50) Toluene-d8	10.34	98	709398	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	12.64	95	173266	37.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.06%	
Target Compounds						
4) Vinyl Chloride	2.35	62	31738	5.701	ug/l	97
30) Chloroform	7.71	83	9659	1.334	ug/l	99

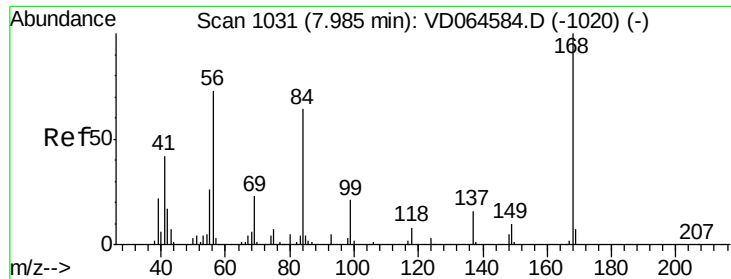
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122719\
Data File : VD064653.D
Acq On : 27 Dec 2019 19:12
Operator : VA/SY
Sample : K6450-02
Misc : 8.26G/5.00ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP022SB446_191226-FD-30-32

Quant Time: Dec 30 03:44:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064653.D

Acq: 27 Dec 2019 19:12

Instrument :

MSVOA_D

ClientSampleId :

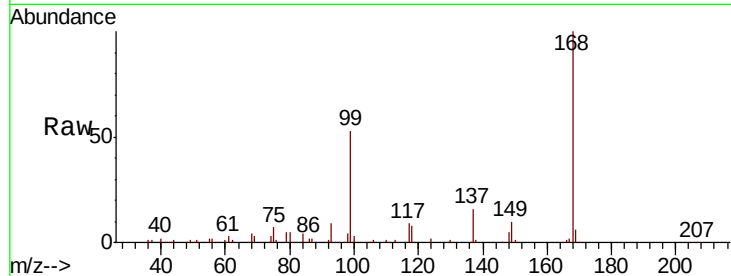
WP022SB446_191226-FD-30-32

Tot Ion:168 Resp: 420097

Ion Ratio Lower Upper

168 100

99 52.5 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

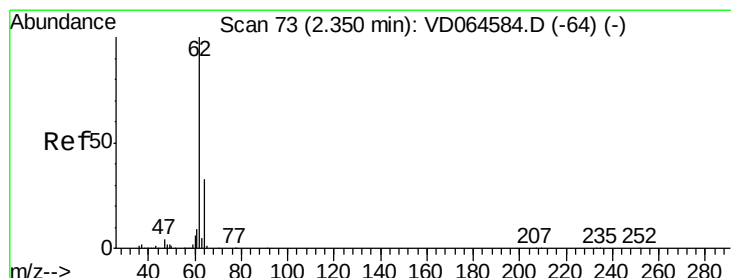
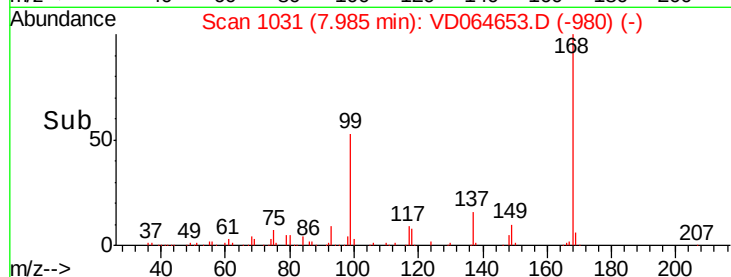
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 5.701 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064653.D

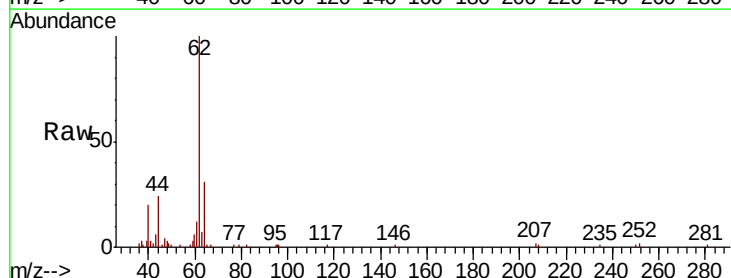
Acq: 27 Dec 2019 19:12

Tgt Ion: 62 Resp: 31738

Ion Ratio Lower Upper

62 100

64 31.5 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

20000

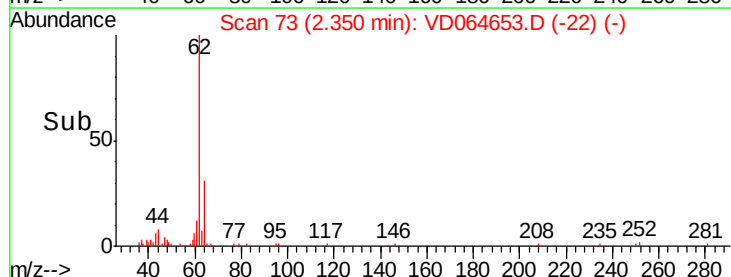
15000

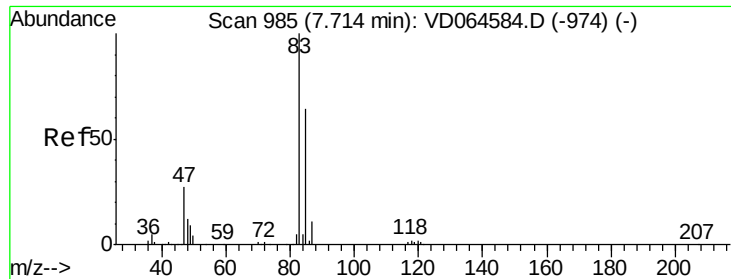
10000

5000

0

Time-->

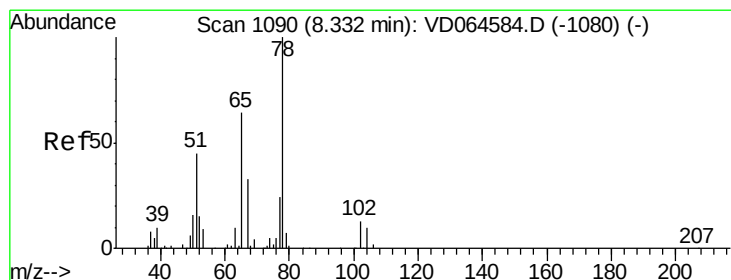
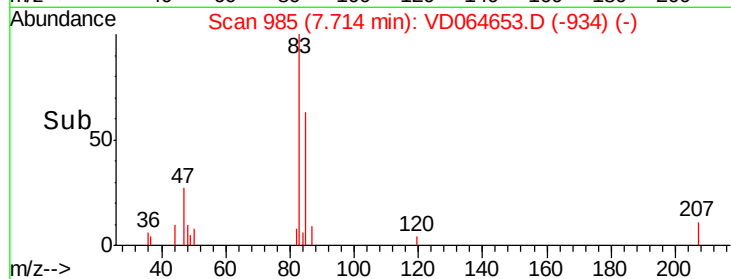
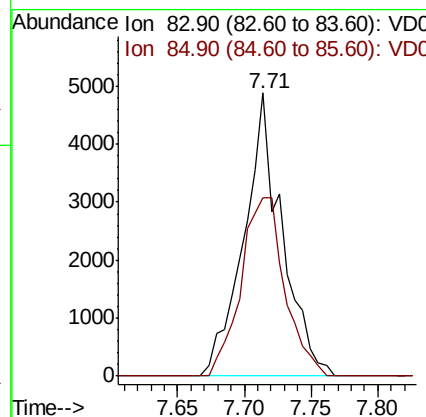
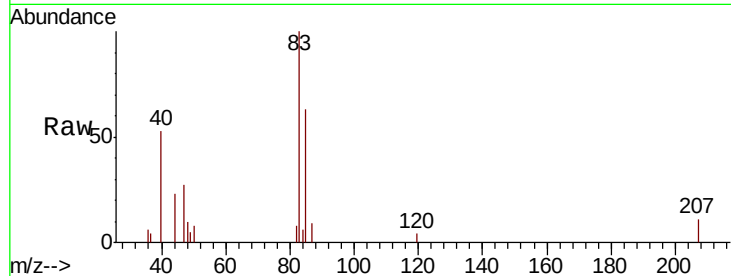




#30
Chloroform
Concen: 1.334 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064653.D
Acq: 27 Dec 2019 19:12

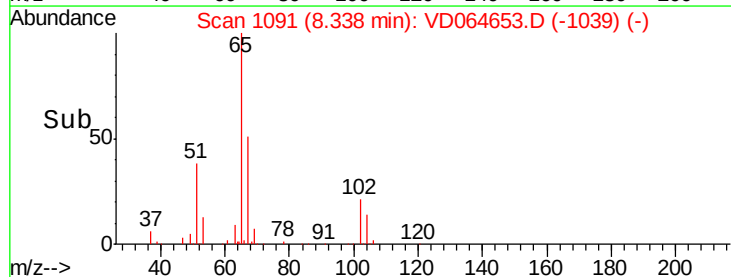
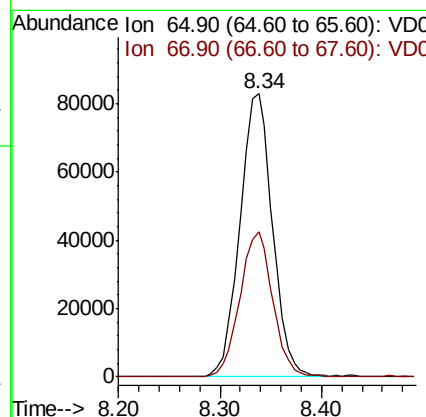
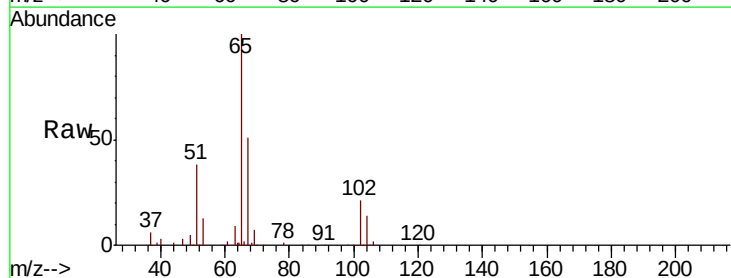
Instrument :
MSVOA_D
ClientSampleId :
WP022SB446_191226-FD-30-32

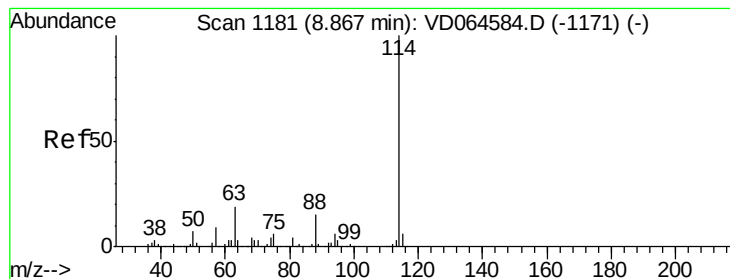
Tot Ion: 83 Resp: 9659
Ion Ratio Lower Upper
83 100
85 62.9 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 49.860 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064653.D
Acq: 27 Dec 2019 19:12

Tgt Ion: 65 Resp: 184699
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: VD064653.D

Acq: 27 Dec 2019 19:12

Instrument :

MSVOA_D

ClientSampleId :

WP022SB446_191226-FD-30-32

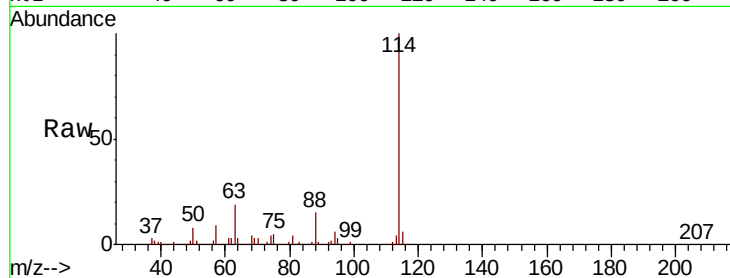
Tot Ion:114 Resp: 621296

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.0

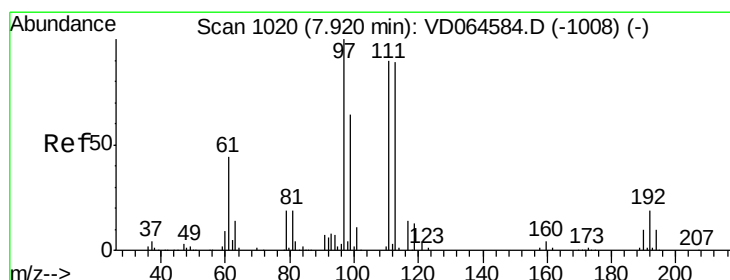
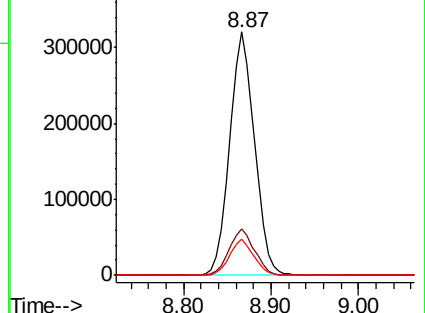
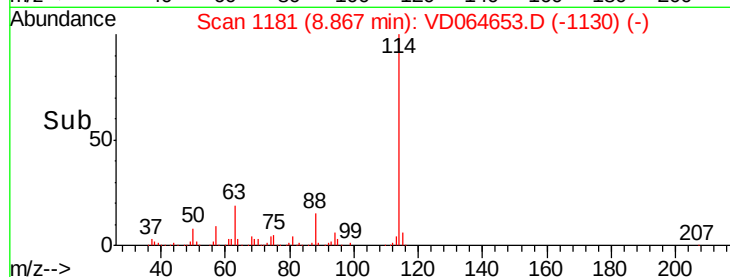
88 15.0 0.0 29.2



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: 50.941 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064653.D

Acq: 27 Dec 2019 19:12

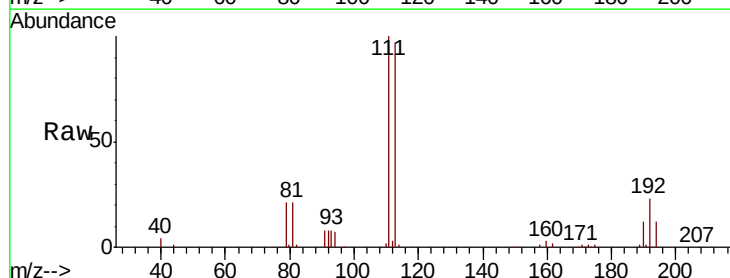
Tgt Ion:113 Resp: 194176

Ion Ratio Lower Upper

113 100

111 103.1 80.6 121.0

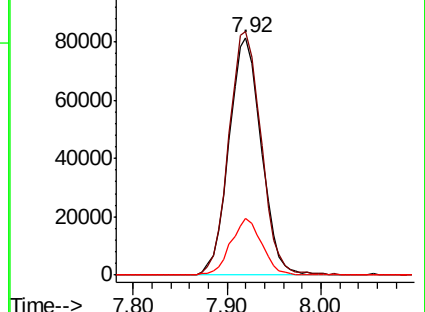
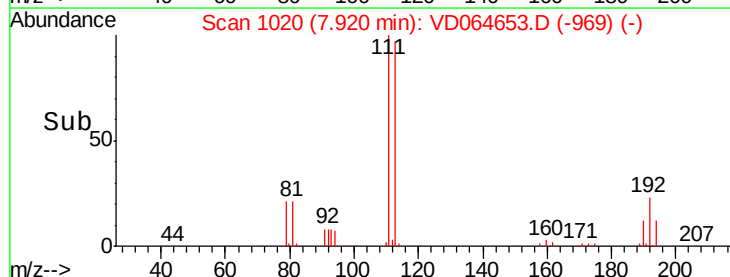
192 22.7 17.9 26.9

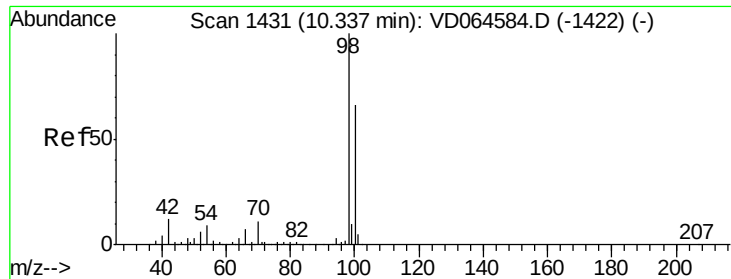


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

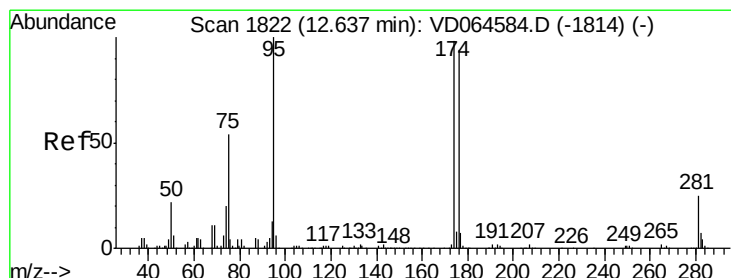
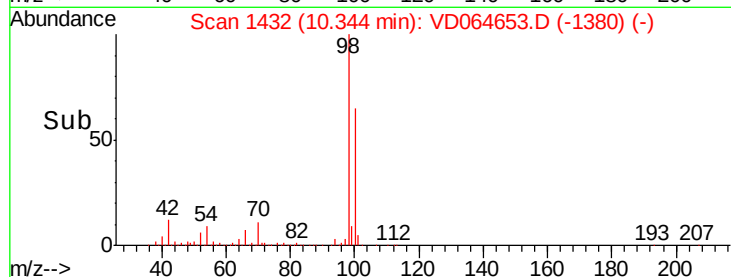
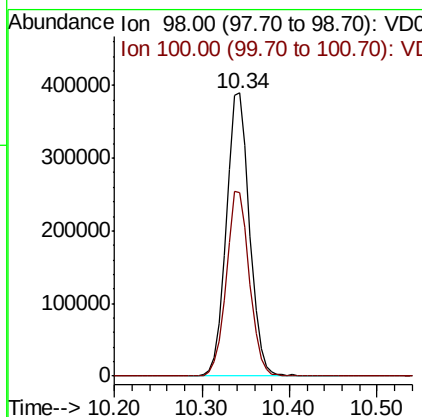
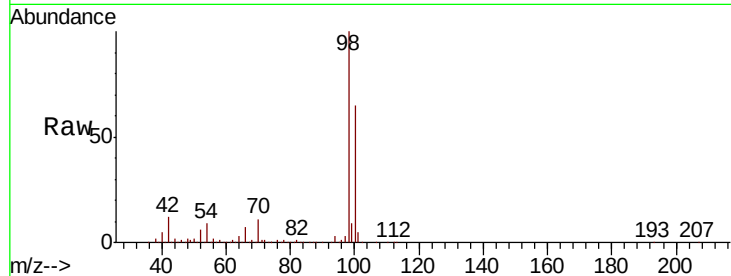




#50
Toluene-d8
Concen: 48.593 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064653.D
Acq: 27 Dec 2019 19:12

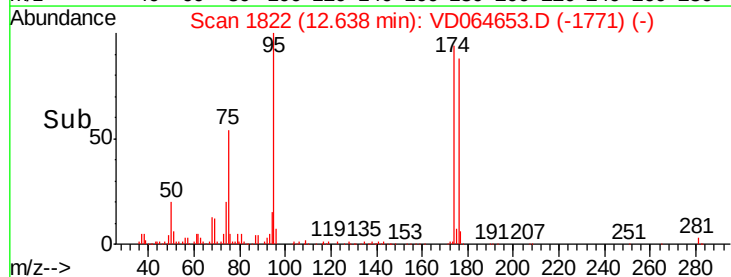
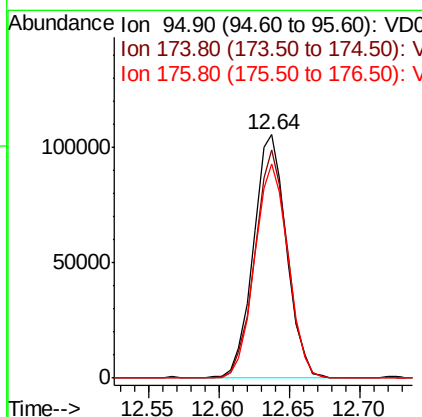
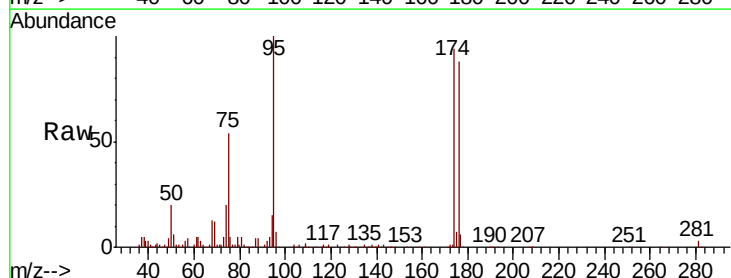
Instrument :
MSVOA_D
ClientSampleId :
WP022SB446_191226-FD-30-32

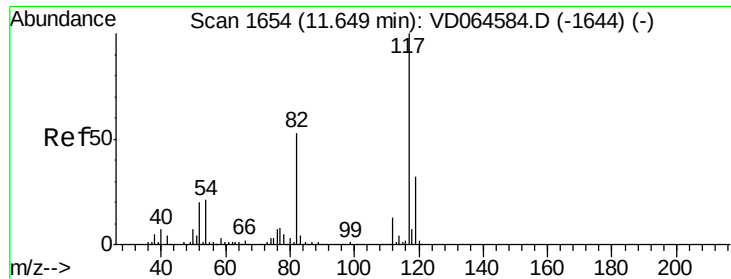
Tot Ion: 98 Resp: 709398
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 37.534 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064653.D
Acq: 27 Dec 2019 19:12

Tgt Ion: 95 Resp: 173266
Ion Ratio Lower Upper
95 100
174 93.0 0.0 193.2
176 89.2 0.0 184.2

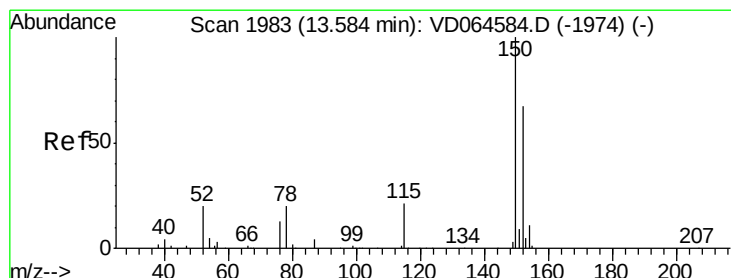
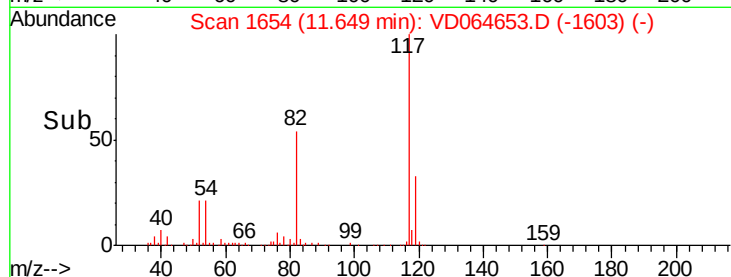
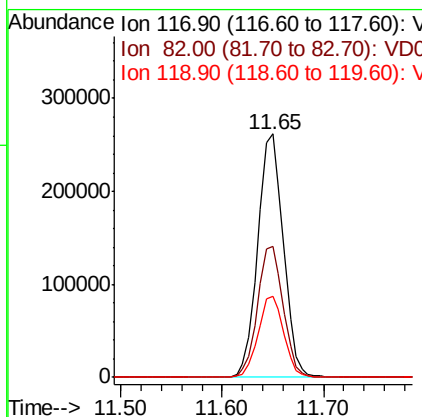
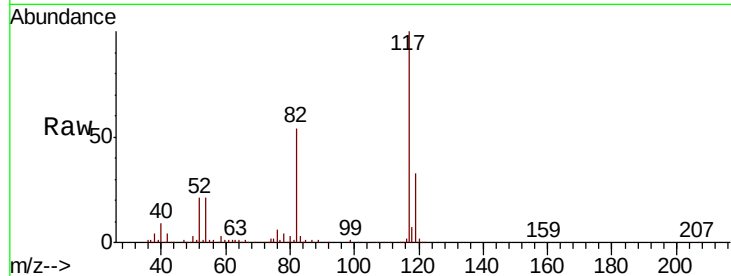




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064653.D
Acq: 27 Dec 2019 19:12

Instrument :
MSVOA_D
ClientSampleId :
WP022SB446_191226-FD-30-32

Tot Ion:117 Resp: 460331
Ion Ratio Lower Upper
117 100
82 53.8 42.2 63.4
119 33.2 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: VD064653.D
Acq: 27 Dec 2019 19:12

Tgt Ion:152 Resp: 157261
Ion Ratio Lower Upper
152 100
115 52.4 27.8 83.4
150 149.8 0.0 351.4

