

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103020\
 Data File : VD067480.D
 Acq On : 30 Oct 2020 18:54
 Operator : VA/SY
 Sample : L4227-07
 Misc : 5.81G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-02-102820

Quant Time: Oct 31 06:39:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

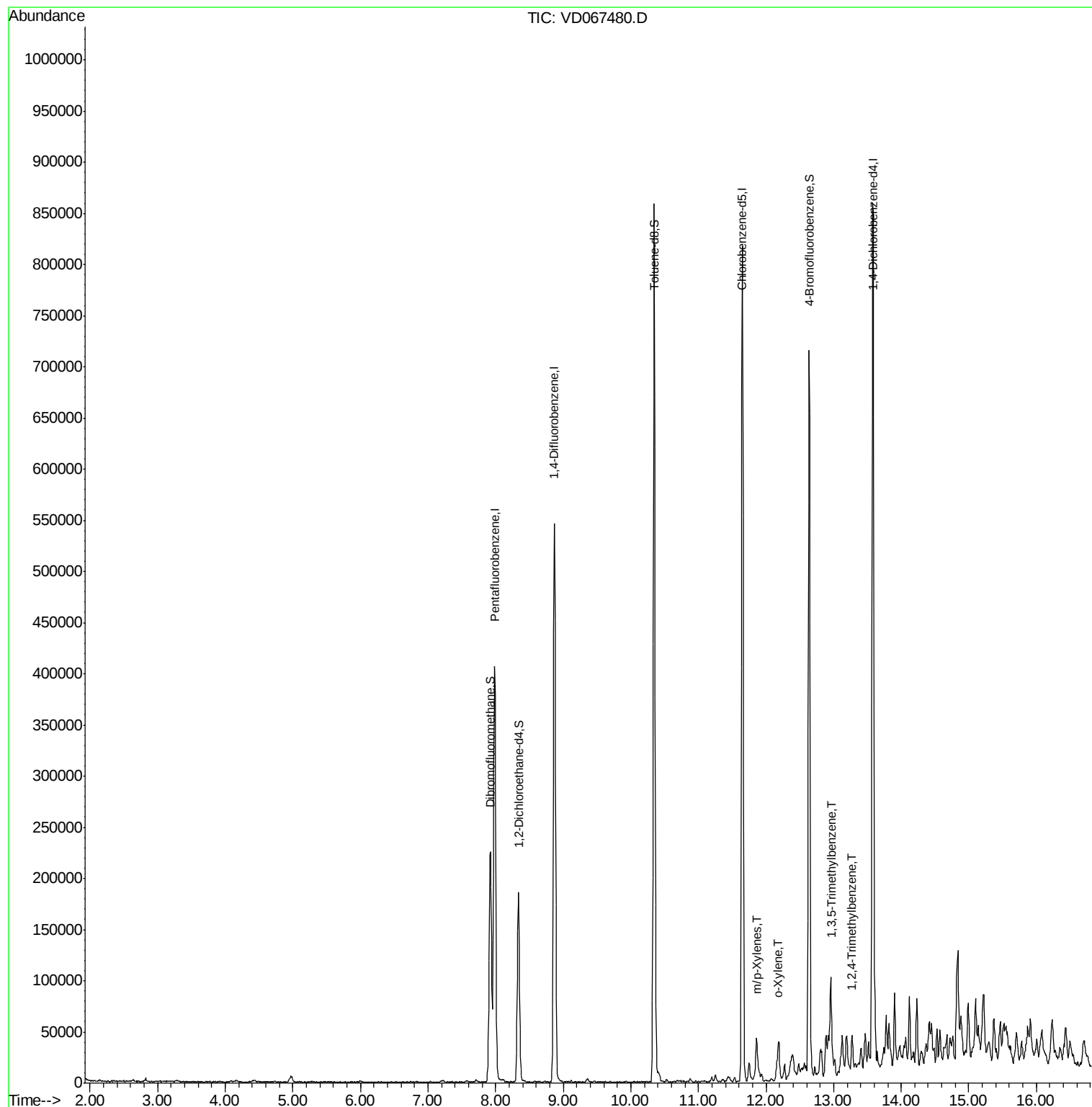
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	309707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	501023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	494156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	240483	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	164009	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
35) Dibromofluoromethane	7.93	113	165747	49.71	ug/l	0.01
Spiked Amount 50.000			Recovery	=	99.42%	
50) Toluene-d8	10.34	98	594205	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	12.64	95	225582	53.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.52%	
Target Compounds						
68) m/p-Xylenes	11.86	106	7722	1.234	ug/l	95
69) o-Xylene	12.18	106	9892	1.708	ug/l	96
80) 1,3,5-Trimethylbenzene	12.97	105	13640	1.028	ug/l	93
84) 1,2,4-Trimethylbenzene	13.27	105	18922	1.443	ug/l	97

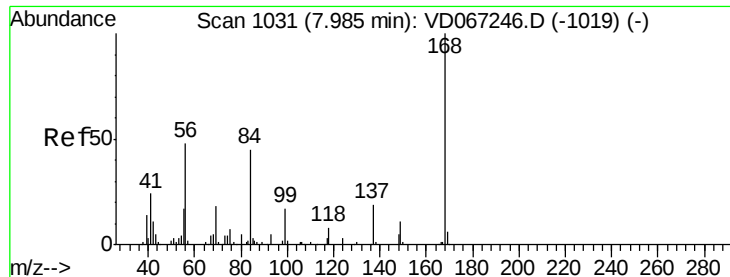
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD103020\
Data File : VD067480.D
Acq On : 30 Oct 2020 18:54
Operator : VA/SY
Sample : L4227-07
Misc : 5.81G/5.00ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BU-02-102820

Quant Time: Oct 31 06:39:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
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: VD067480.D

Acq: 30 Oct 2020 18:54

Instrument :

MSVOA_D

ClientSampleId :

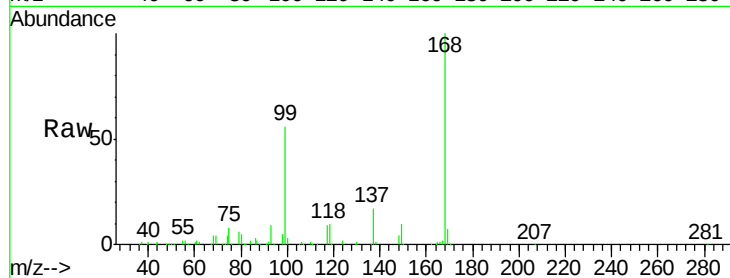
BU-02-102820

Tot Ion:168 Resp: 309707

Ion Ratio Lower Upper

168 100

99 56.0 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

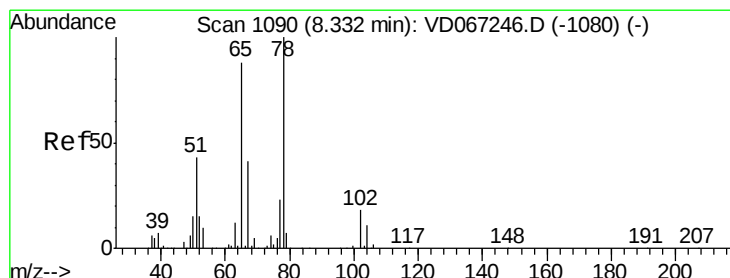
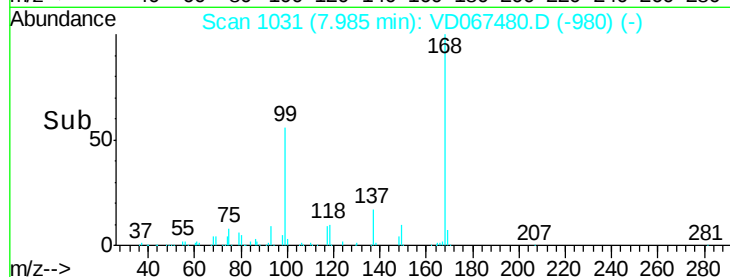
100000

50000

0

Time-->

7.90 8.00 8.10 8.20



#33

1,2-Dichloroethane-d4

Concen: 52.858 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067480.D

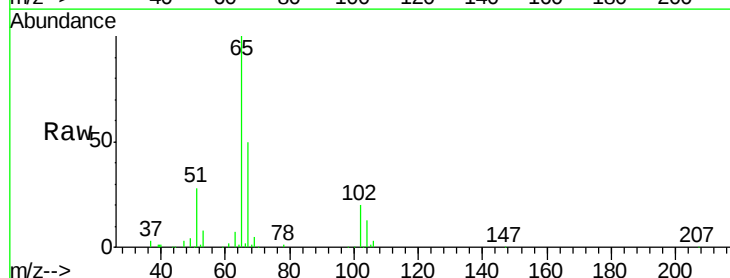
Acq: 30 Oct 2020 18:54

Tgt Ion: 65 Resp: 164009

Ion Ratio Lower Upper

65 100

67 48.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

80000

60000

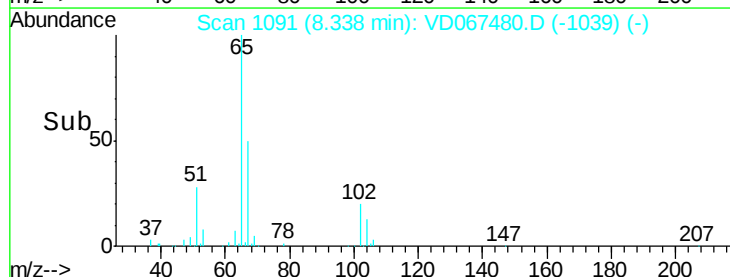
40000

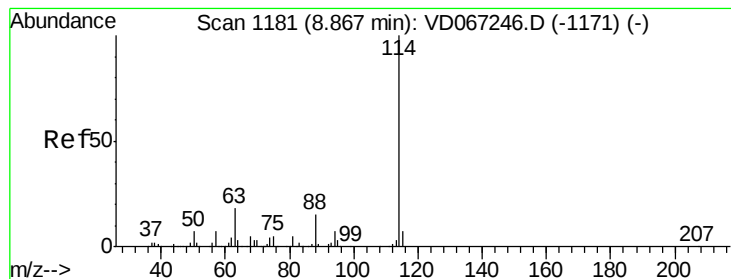
20000

0

Time-->

8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD067480.D

Acq: 30 Oct 2020 18:54

Instrument :

MSVOA_D

ClientSampleId :

BU-02-102820

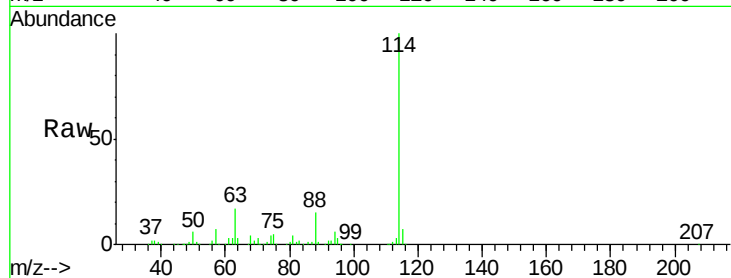
Tot Ion:114 Resp: 501023

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

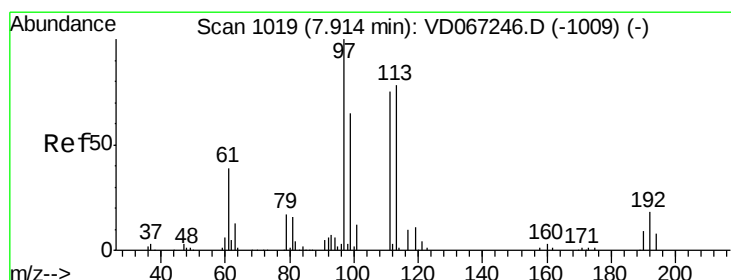
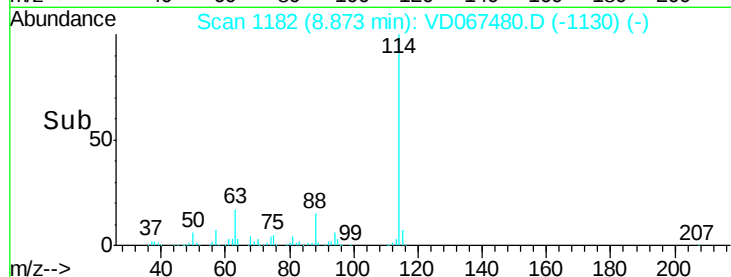
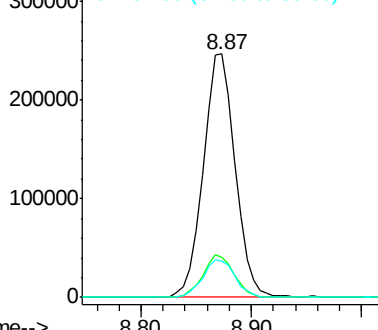
88 15.1 0.0 30.6



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: 49.709 ug/l

RT: 7.93 min Scan# 1021

Delta R.T. 0.01 min

Lab File: VD067480.D

Acq: 30 Oct 2020 18:54

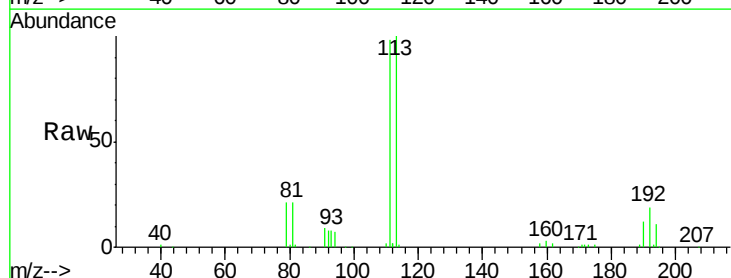
Tgt Ion:113 Resp: 165747

Ion Ratio Lower Upper

113 100

111 98.9 81.6 122.4

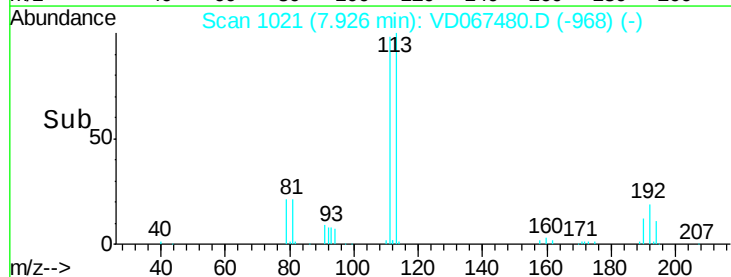
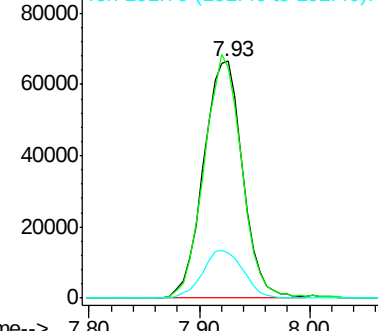
192 20.7 17.0 25.4

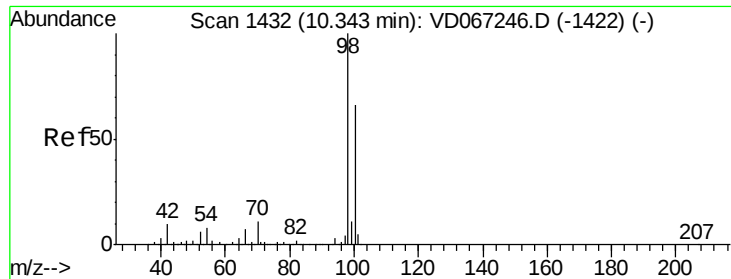


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.244 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067480.D

Acq: 30 Oct 2020 18:54

Instrument :

MSVOA_D

ClientSampleId :

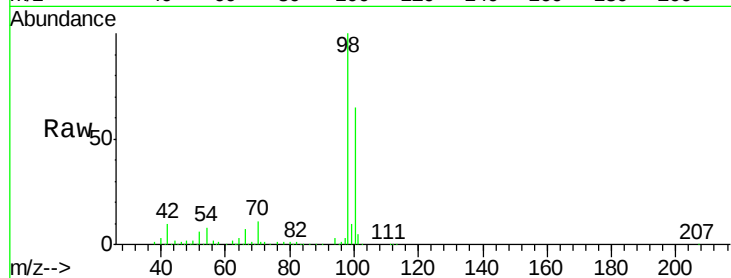
BU-02-102820

Tot Ion: 98 Resp: 594205

Ion Ratio Lower Upper

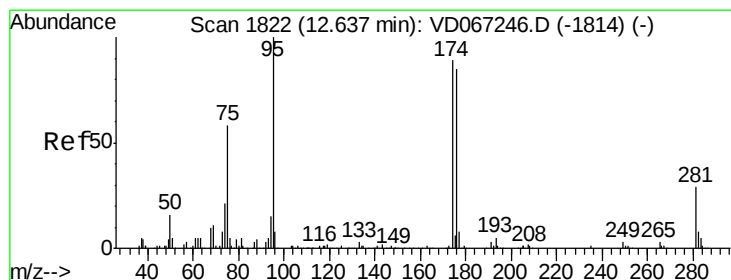
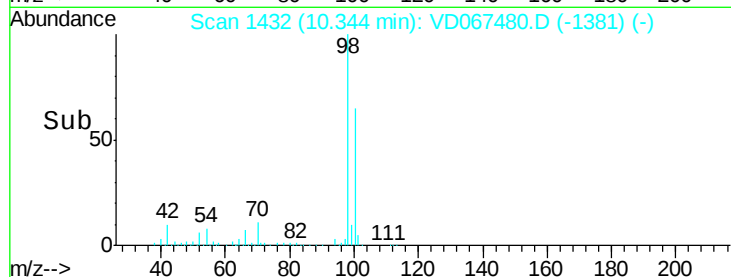
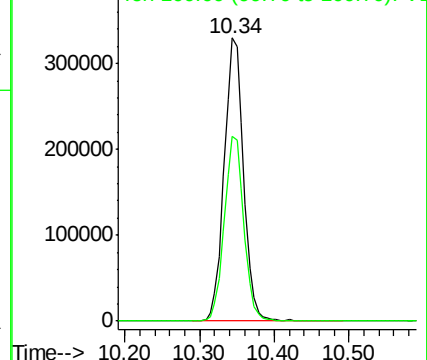
98 100

100 65.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 53.764 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067480.D

Acq: 30 Oct 2020 18:54

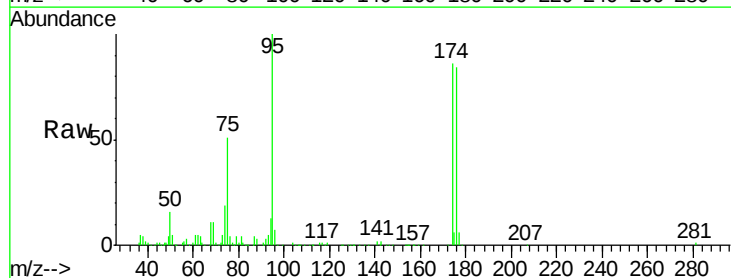
Tgt Ion: 95 Resp: 225582

Ion Ratio Lower Upper

95 100

174 88.6 0.0 175.2

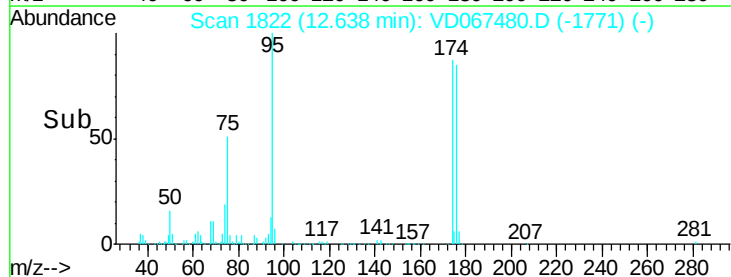
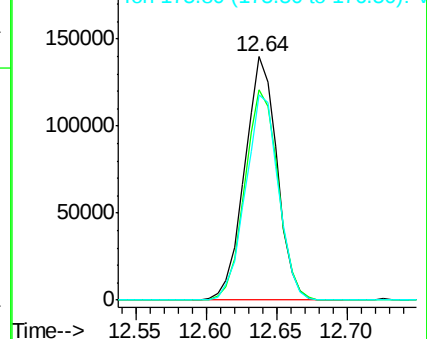
176 85.3 0.0 168.6

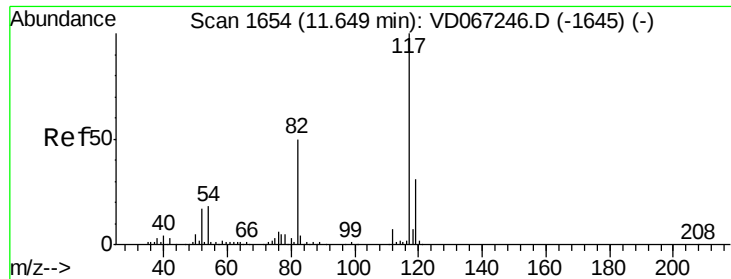


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

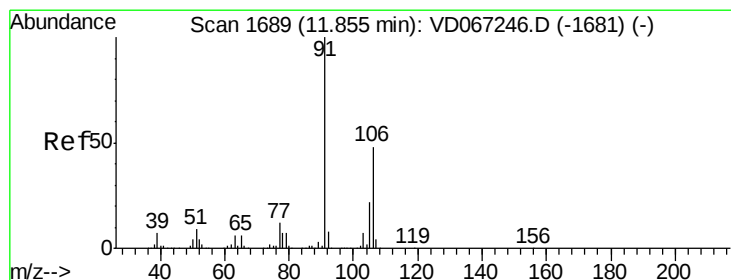
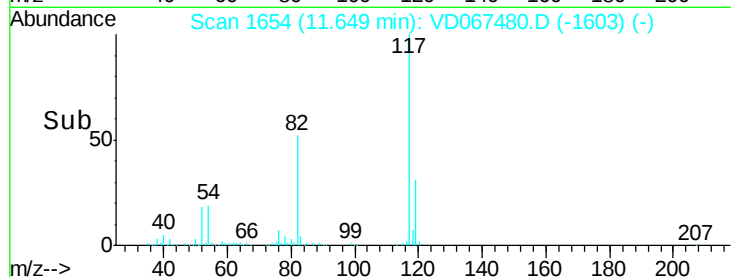
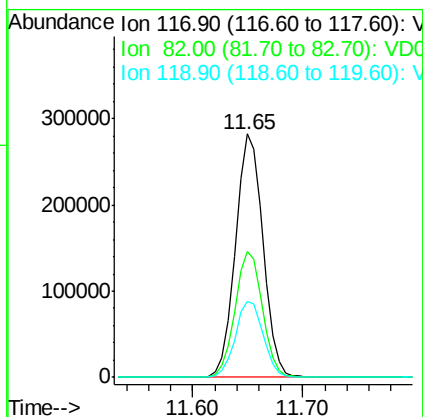
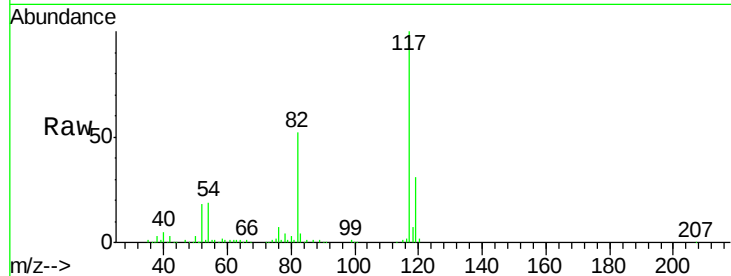




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067480.D
Acq: 30 Oct 2020 18:54

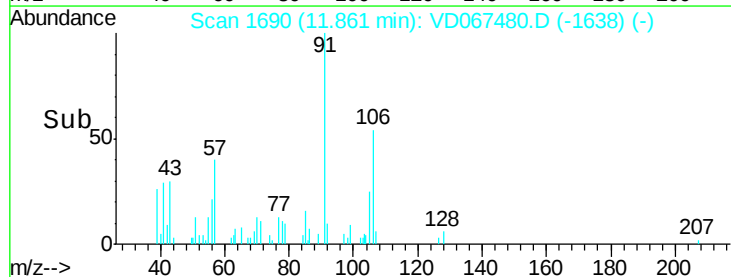
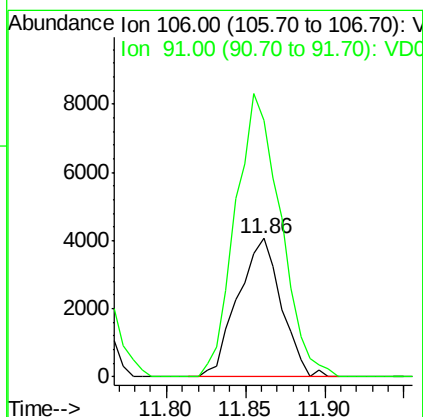
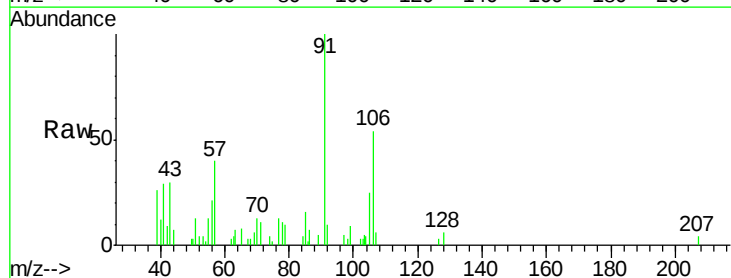
Instrument :
MSVOA_D
ClientSampleId :
BU-02-102820

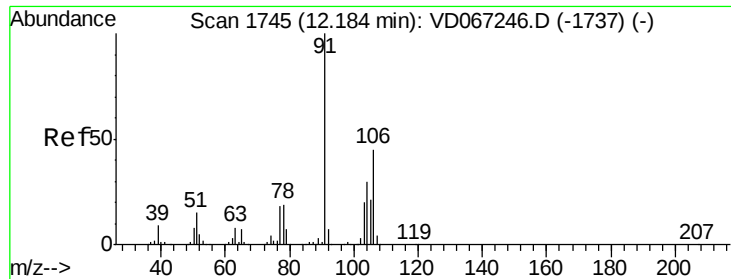
Tot Ion:117 Resp: 494156
Ion Ratio Lower Upper
117 100
82 51.6 39.9 59.9
119 31.2 24.9 37.3



#68
m/p-Xylenes
Concen: 1.234 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD067480.D
Acq: 30 Oct 2020 18:54

Tgt Ion:106 Resp: 7722
Ion Ratio Lower Upper
106 100
91 212.5 163.8 245.8

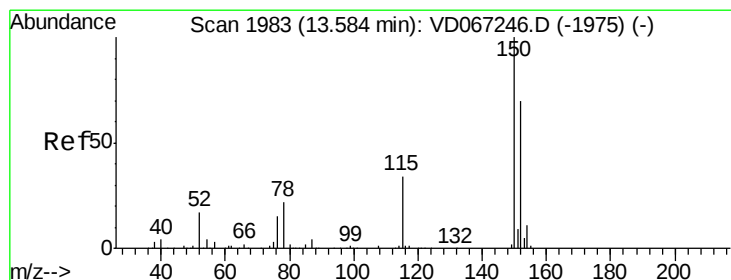
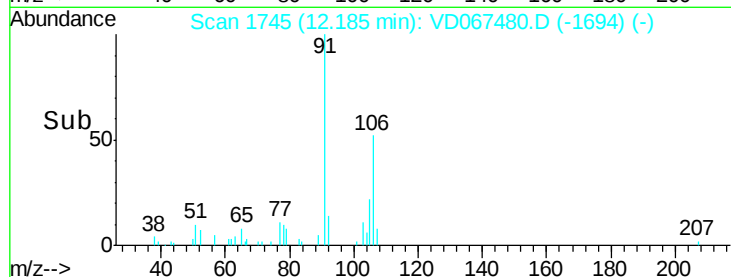
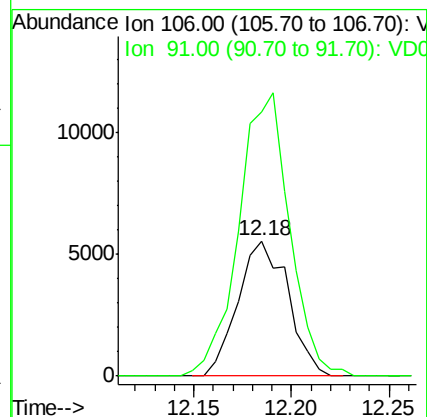
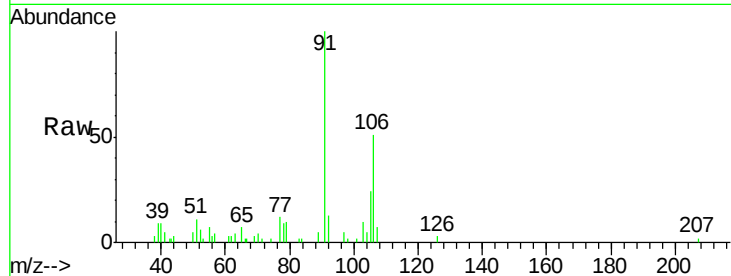




#69
o-Xylene
Concen: 1.708 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067480.D
Acq: 30 Oct 2020 18:54

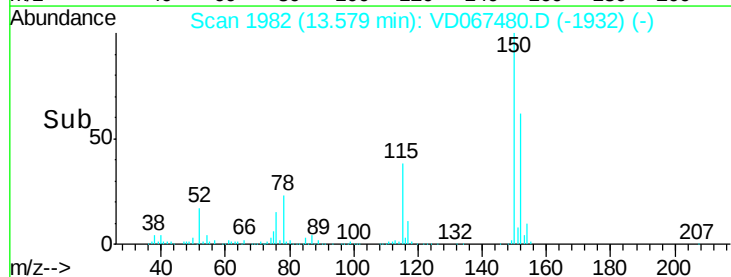
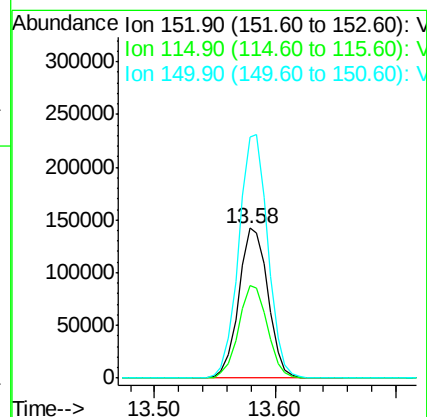
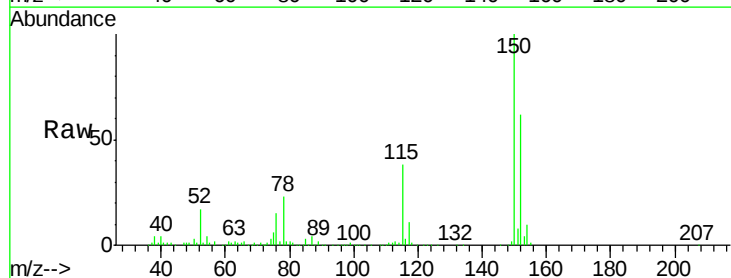
Instrument :
MSVOA_D
ClientSampleId :
BU-02-102820

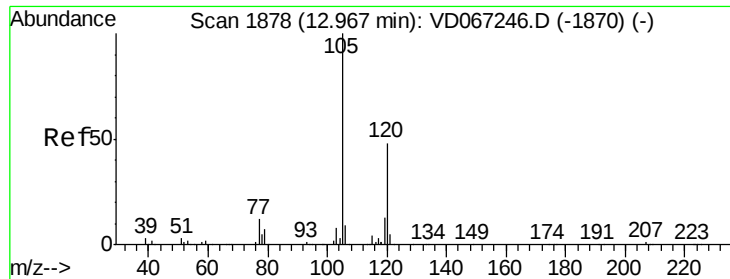
Tot Ion:106 Resp: 9892
Ion Ratio Lower Upper
106 100
91 211.3 109.1 327.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067480.D
Acq: 30 Oct 2020 18:54

Tgt Ion:152 Resp: 240483
Ion Ratio Lower Upper
152 100
115 61.3 29.3 87.9
150 161.2 0.0 339.0





#80

1,3,5-Trimethylbenzene

Concen: 1.028 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067480.D

Acq: 30 Oct 2020 18:54

Instrument :

MSVOA_D

ClientSampleId :

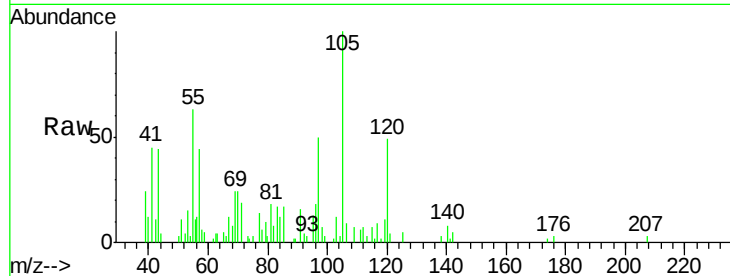
BU-02-102820

Tot Ion:105 Resp: 13640

Ion Ratio Lower Upper

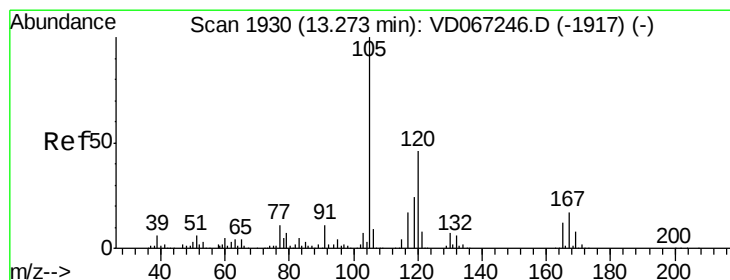
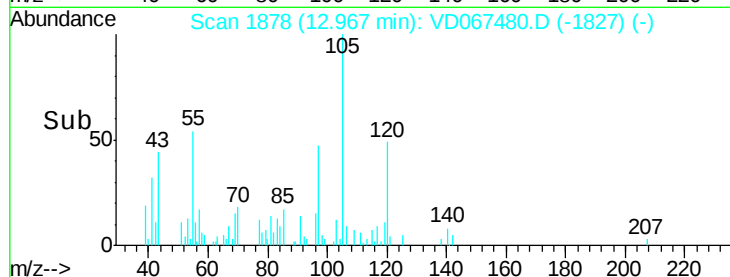
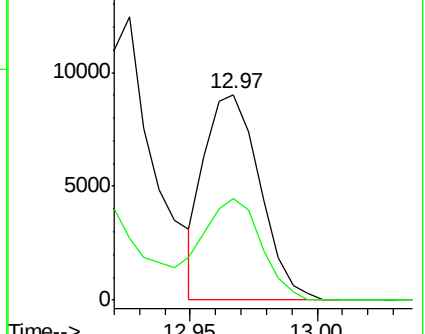
105 100

120 53.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 1.443 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD067480.D

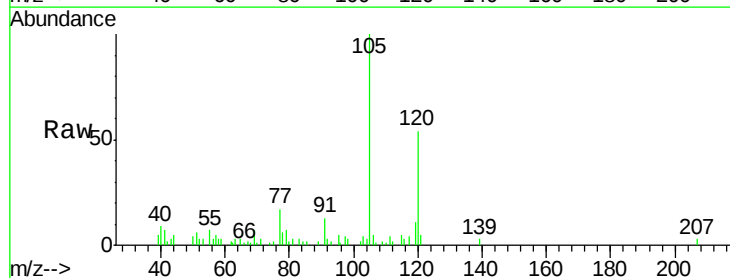
Acq: 30 Oct 2020 18:54

Tgt Ion:105 Resp: 18922

Ion Ratio Lower Upper

105 100

120 47.1 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

