

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012020\
 Data File : VD064886.D
 Acq On : 20 Jan 2020 13:11
 Operator : VA/SY
 Sample : L1176-01
 Misc : 5.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-1

Quant Time: Jan 21 04:44:25 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

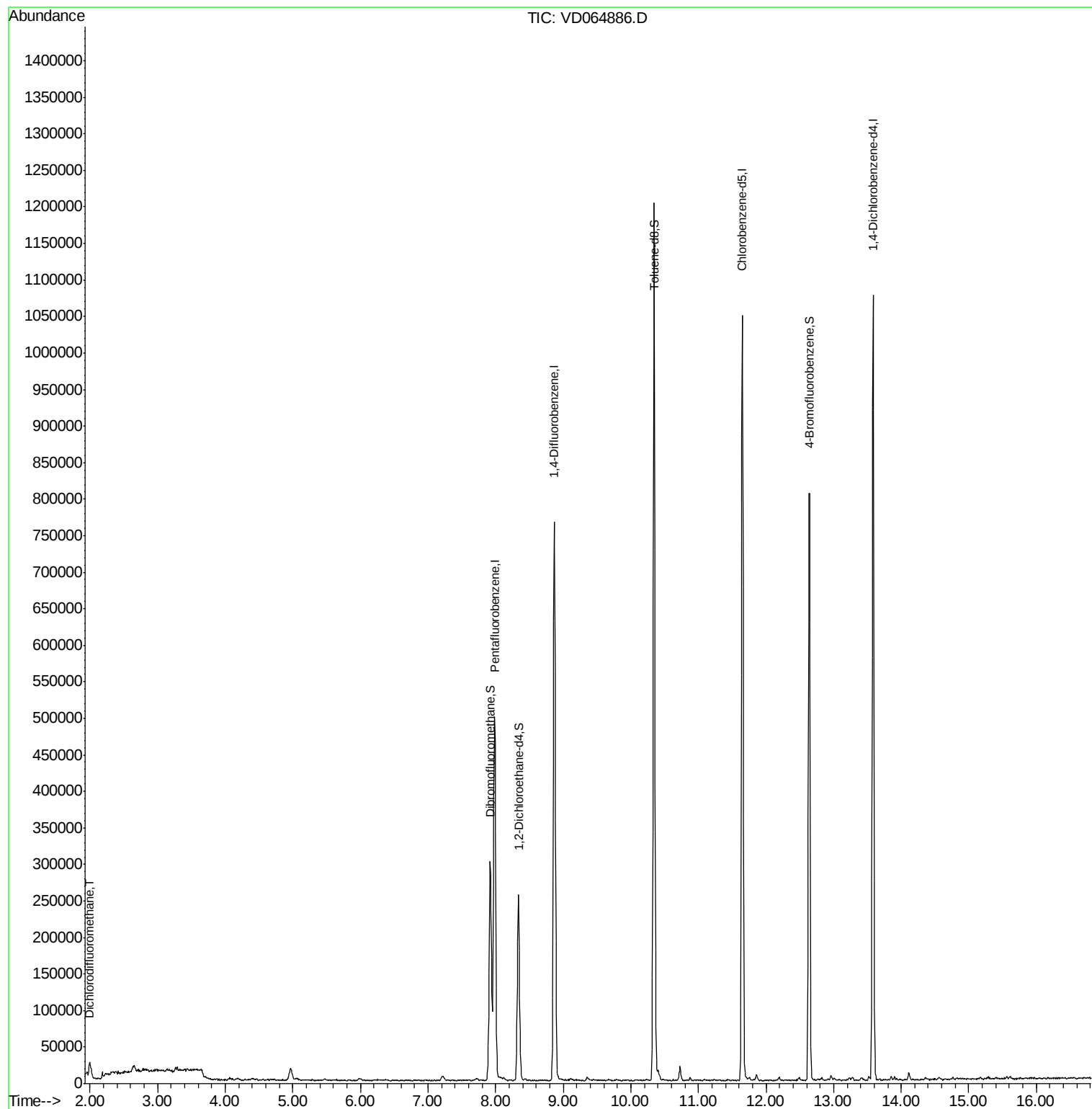
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	381388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	642589	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	597054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	279519	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	200604	59.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.30%	
35) Dibromofluoromethane	7.92	113	205533	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
50) Toluene-d8	10.34	98	780306	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.64	95	240154	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
Target Compounds						
2) Dichlorodifluoromethane	2.00	85	14278	4.817	ug/l	Qvalue 94

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD012020\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064886.D

Acq: 20 Jan 2020 13:11

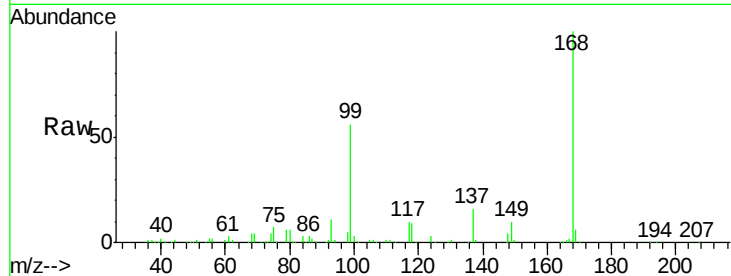
Instrument :
MSVOA_D
ClientSampleId :
EP-1

Tot Ion:168 Resp: 381388

Ion Ratio Lower Upper

168 100

99 55.8 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

150000

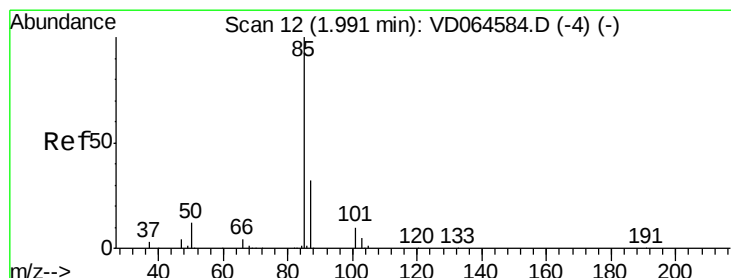
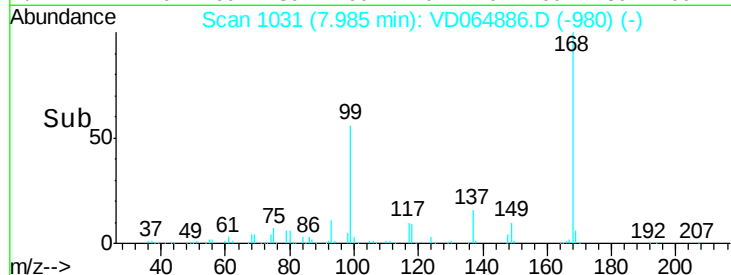
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 4.817 ug/l

RT: 2.00 min Scan# 13

Delta R.T. 0.01 min

Lab File: VD064886.D

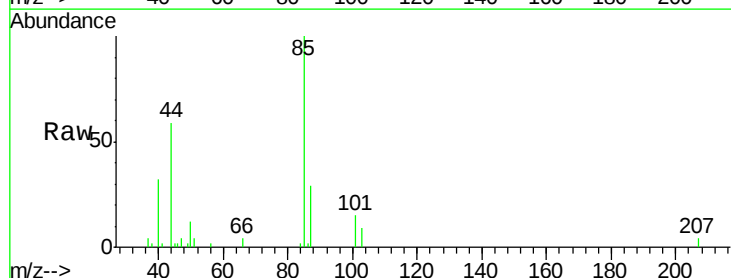
Acq: 20 Jan 2020 13:11

Tgt Ion: 85 Resp: 14278

Ion Ratio Lower Upper

85 100

87 28.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

2.00

10000

8000

6000

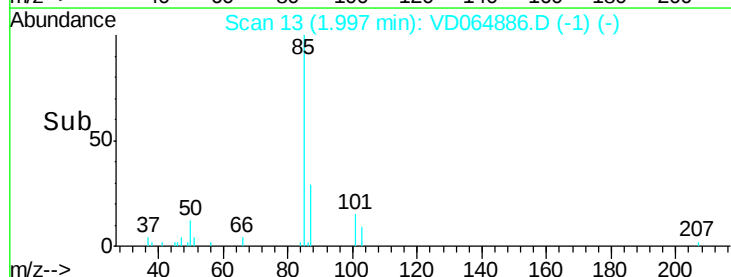
4000

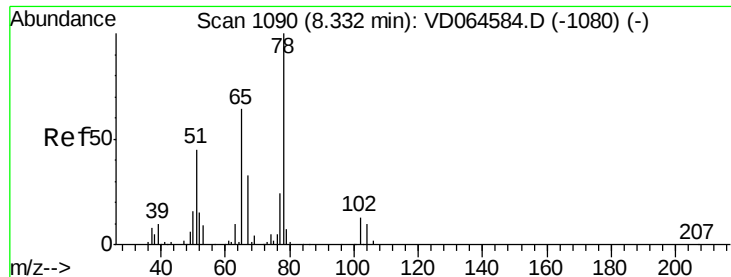
2000

0

Time-->

1.95 2.00 2.05





#33

1,2-Dichloroethane-d4

Concen: 59.650 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064886.D

Acq: 20 Jan 2020 13:11

Instrument :

MSVOA_D

ClientSampled :

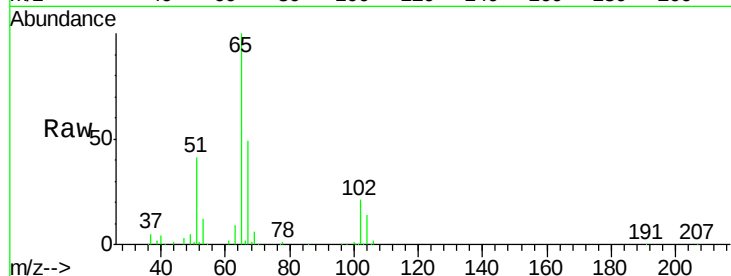
EP-1

Tot Ion: 65 Resp: 200604

Ion Ratio Lower Upper

65 100

67 50.6 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

100000

80000

60000

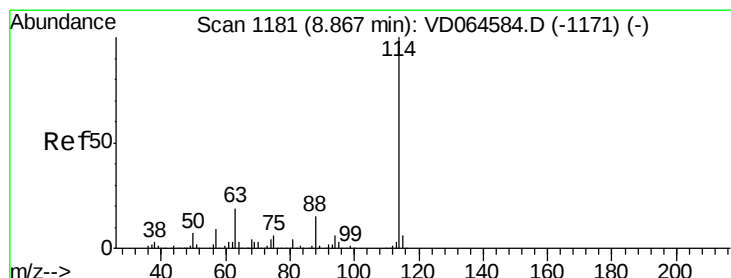
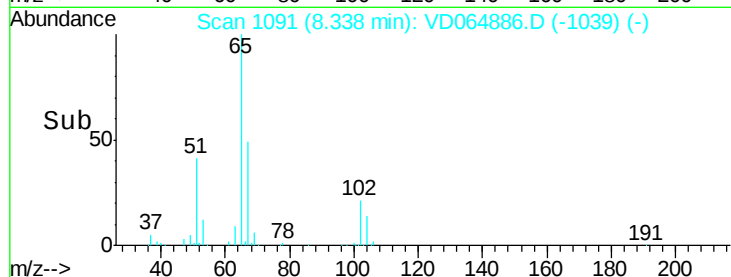
40000

20000

0

8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064886.D

Acq: 20 Jan 2020 13:11

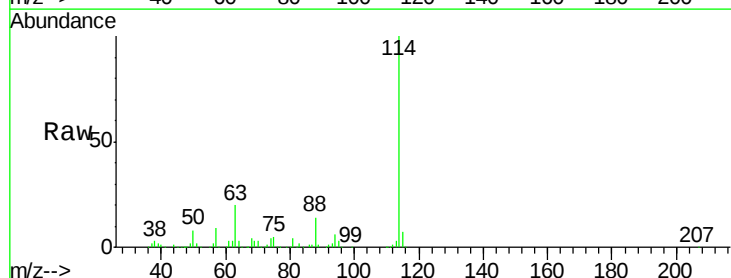
Tgt Ion: 114 Resp: 642589

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.0

88 14.3 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

400000

300000

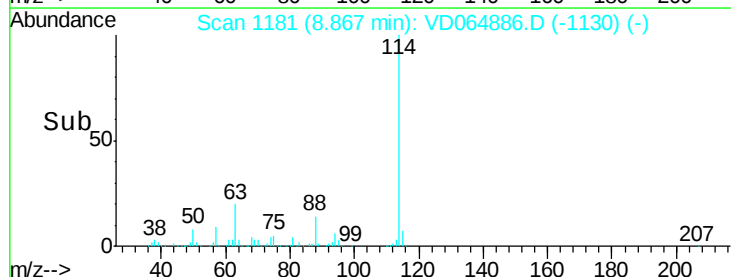
200000

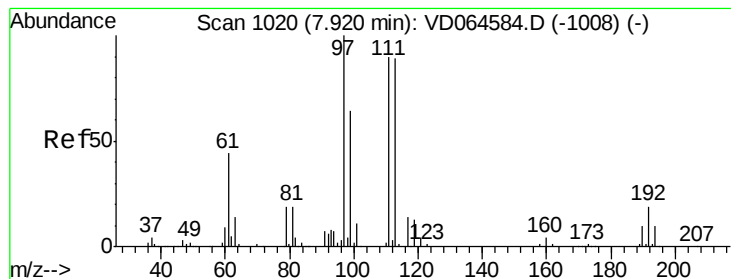
100000

0

8.80 8.90 9.00

Time-->





#35

Dibromofluoromethane

Concen: 52.134 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064886.D

Acq: 20 Jan 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

EP-1

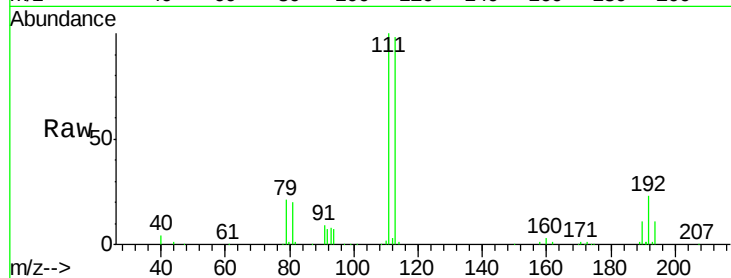
Tot Ion:113 Resp: 205533

Ion Ratio Lower Upper

113 100

111 103.0 80.6 121.0

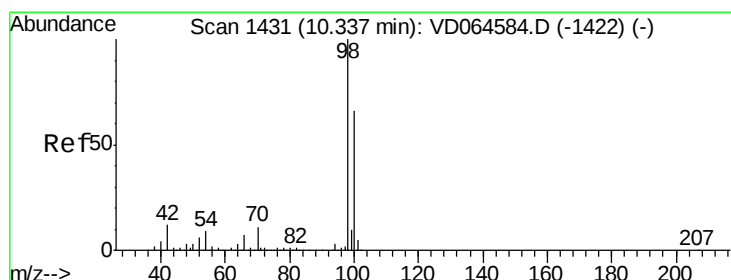
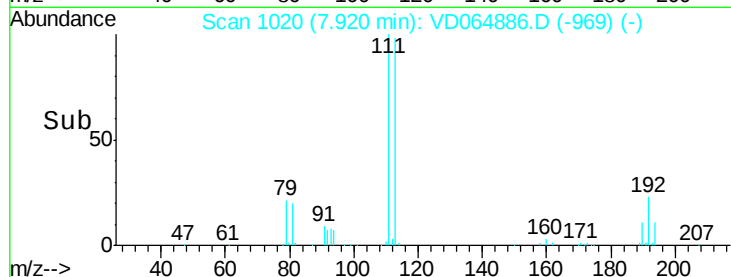
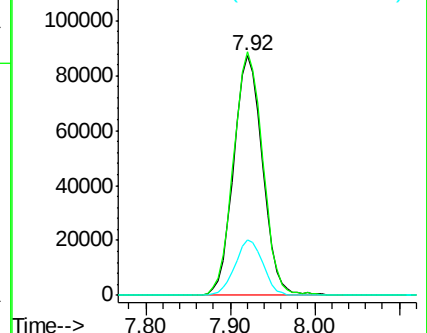
192 22.7 17.9 26.9



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: 51.680 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064886.D

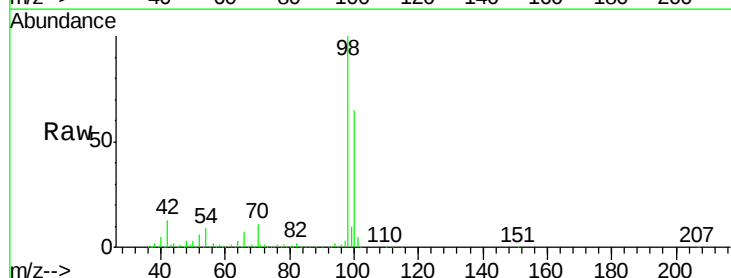
Acq: 20 Jan 2020 13:11

Tgt Ion: 98 Resp: 780306

Ion Ratio Lower Upper

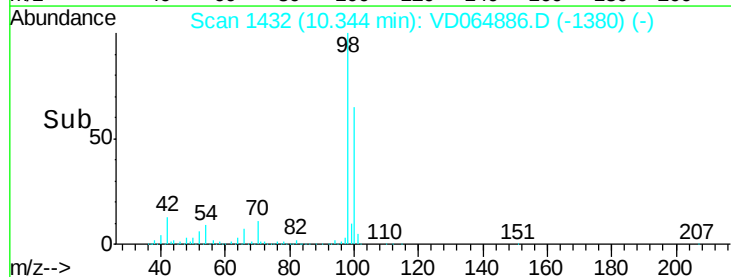
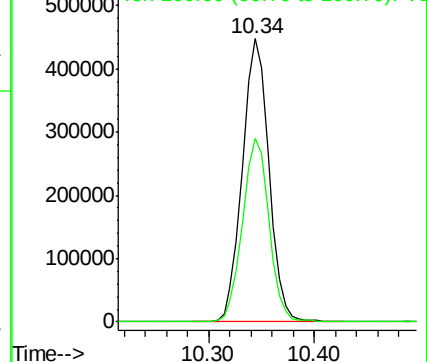
98 100

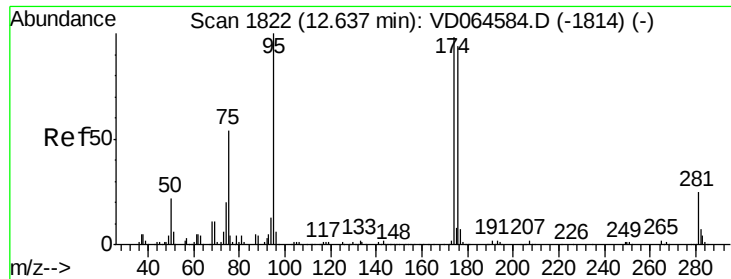
100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

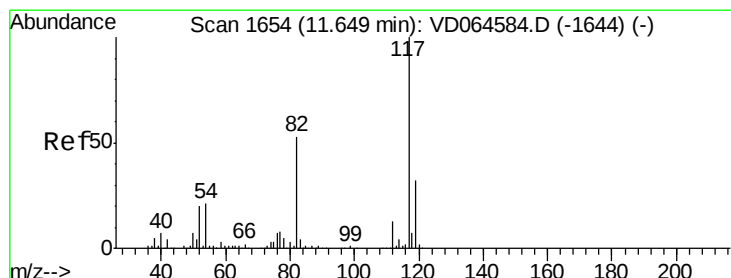
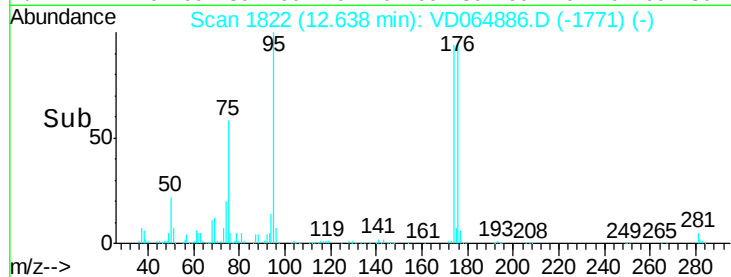
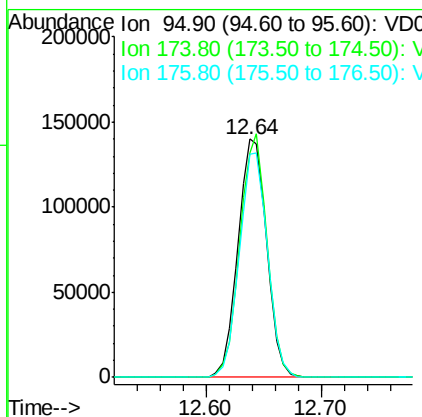
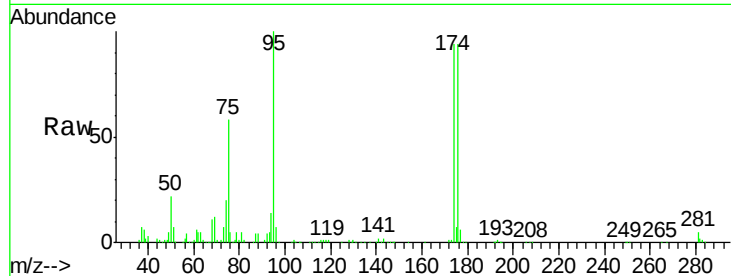




#62
4-Bromofluorobenzene
Concen: 50.300 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064886.D
Acq: 20 Jan 2020 13:11

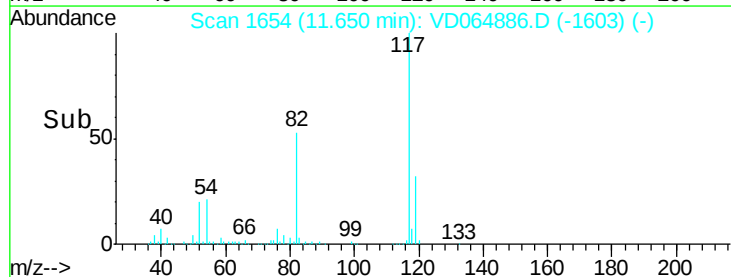
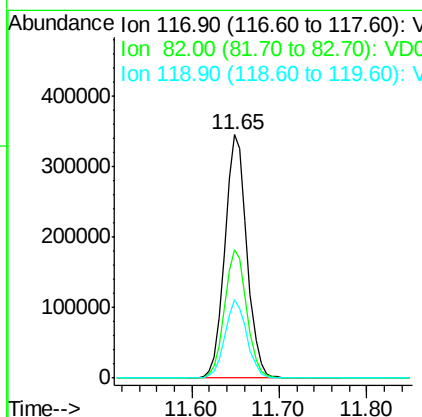
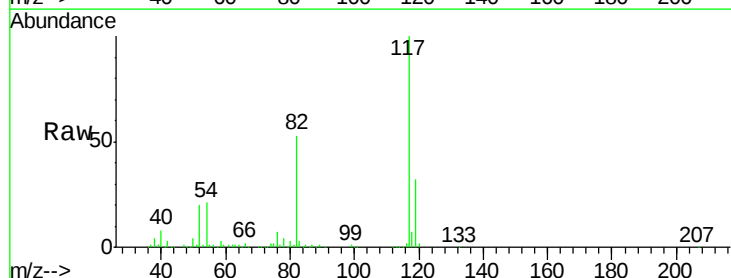
Instrument :
MSVOA_D
ClientSampled :
EP-1

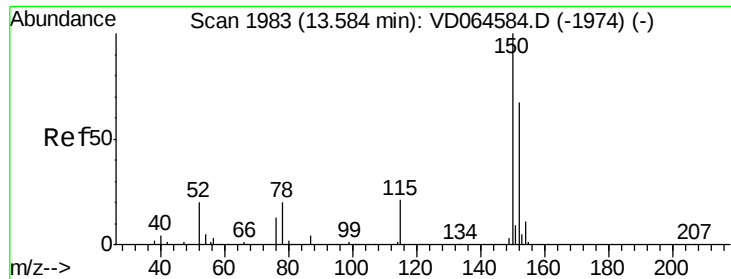
Tot Ion: 95 Resp: 240154
Ion Ratio Lower Upper
95 100
174 97.1 0.0 193.2
176 93.0 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064886.D
Acq: 20 Jan 2020 13:11

Tgt Ion: 117 Resp: 597054
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.4
119 32.1 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: VD064886.D

Acq: 20 Jan 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

EP-1

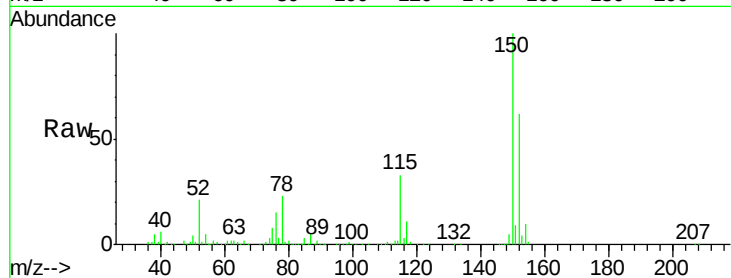
Tot Ion:152 Resp: 279519

Ion Ratio Lower Upper

152 100

115 53.8 27.8 83.4

150 157.8 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

