

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012820\
 Data File : VD064977.D
 Acq On : 28 Jan 2020 14:24
 Operator : VA/SY
 Sample : L1278-01
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TONNELE-AVE-01

Quant Time: Jan 29 02:39:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	465653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	747755	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	688990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	296729	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	225978	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	7.92	113	234877	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	10.34	98	903657	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.64	95	277495	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

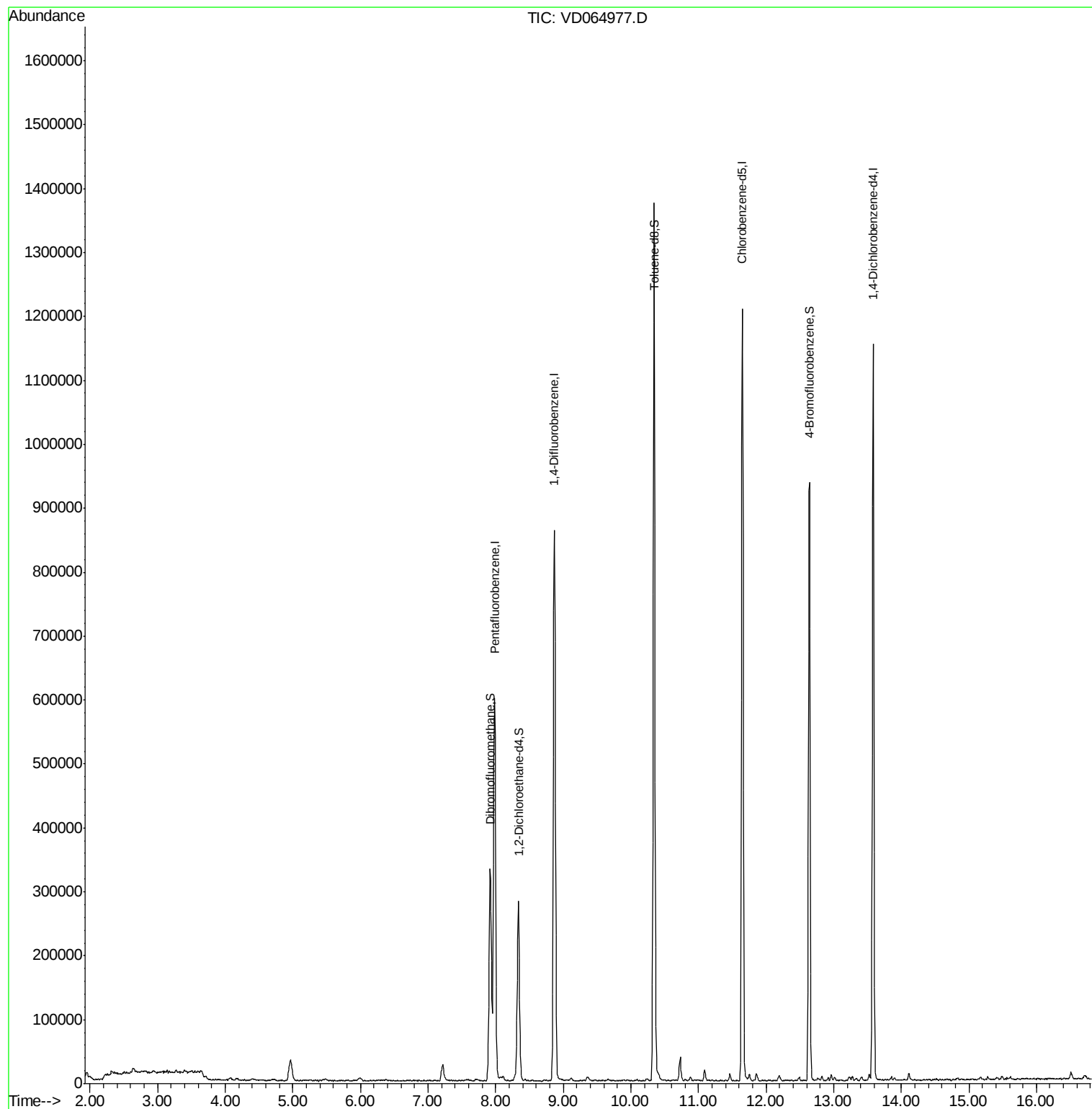
Target Compounds	Qvalue

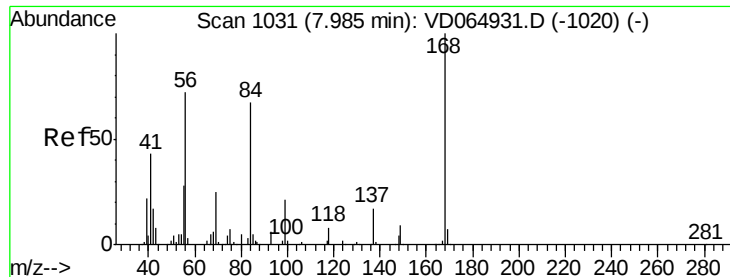
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064977.D

Acq: 28 Jan 2020 14:24

Instrument :

MSVOA_D

ClientSampleId :

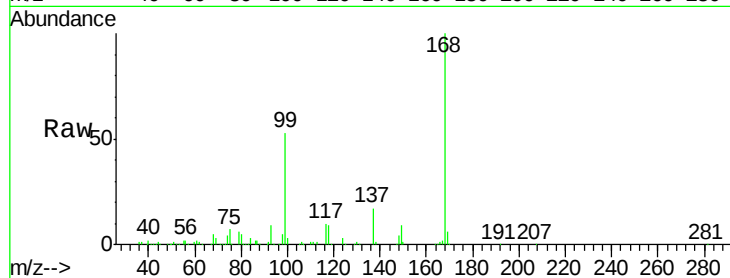
TONNELE-AVE-01

Tot Ion:168 Resp: 465653

Ion Ratio Lower Upper

168 100

99 53.1 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

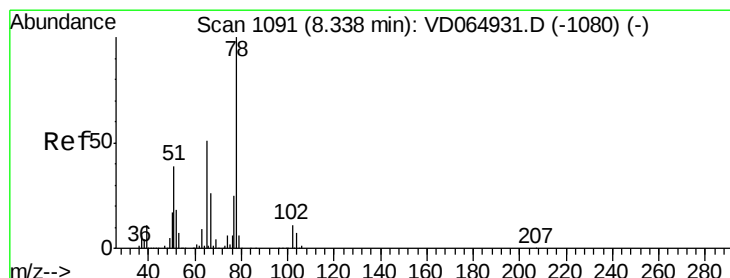
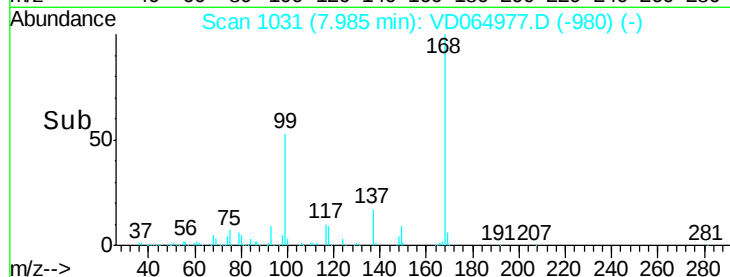
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.593 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064977.D

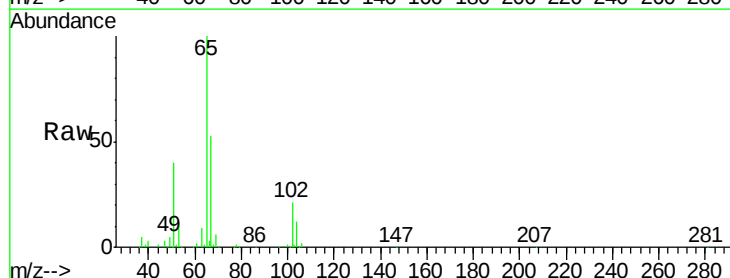
Acq: 28 Jan 2020 14:24

Tgt Ion: 65 Resp: 225978

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

120000

100000

80000

60000

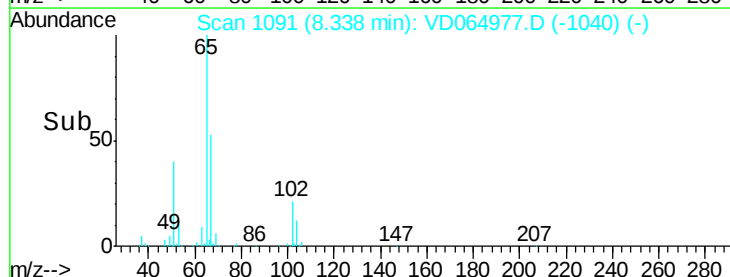
40000

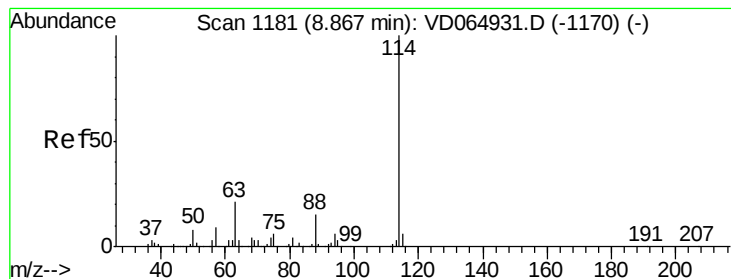
20000

0

8.20 8.30 8.40 8.50

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064977.D

Acq: 28 Jan 2020 14:24

Instrument :

MSVOA_D

ClientSampleId :

TONNELE-AVE-01

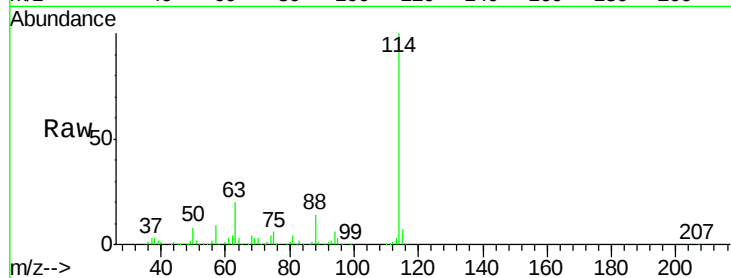
Tot Ion:114 Resp: 747755

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.0

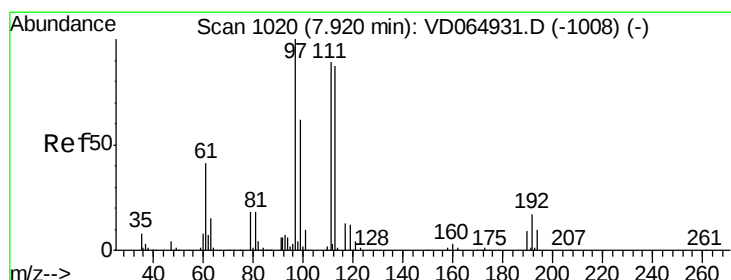
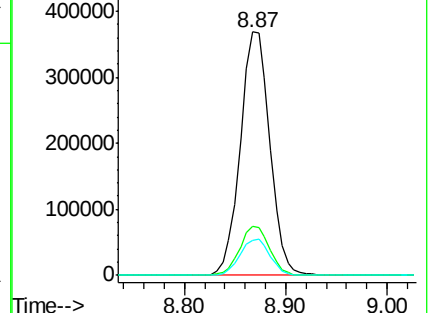
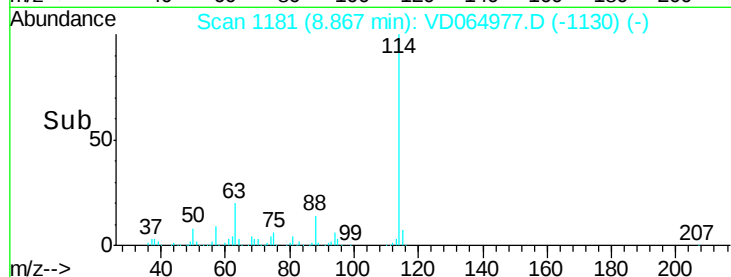
88 14.2 0.0 29.4



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: 49.985 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064977.D

Acq: 28 Jan 2020 14:24

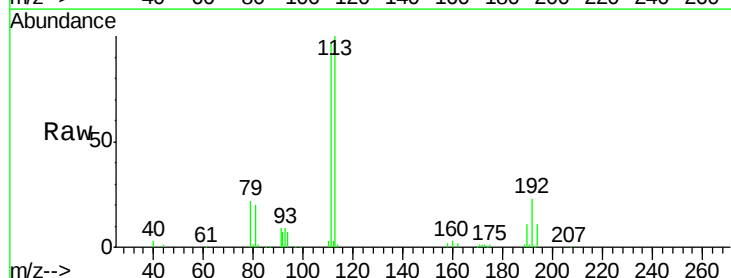
Tgt Ion:113 Resp: 234877

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

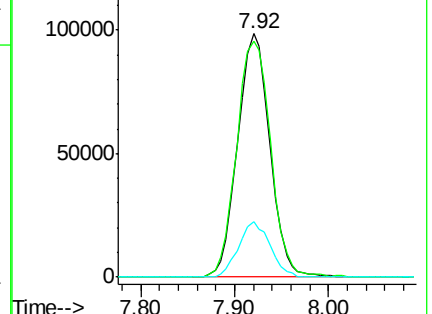
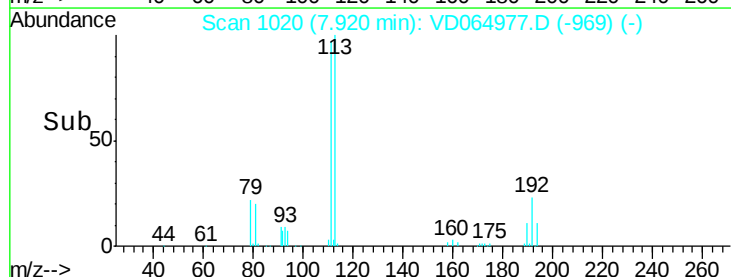
192 22.3 16.9 25.3

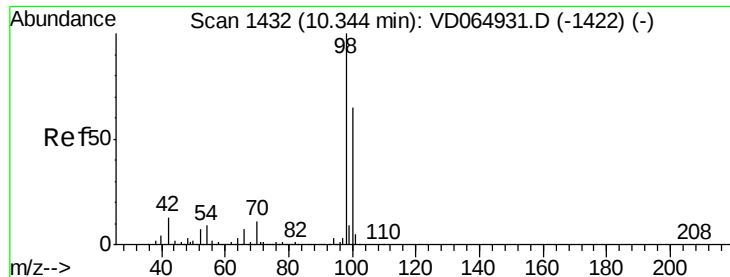


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.826 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064977.D

Acq: 28 Jan 2020 14:24

Instrument :

MSVOA_D

ClientSampleId :

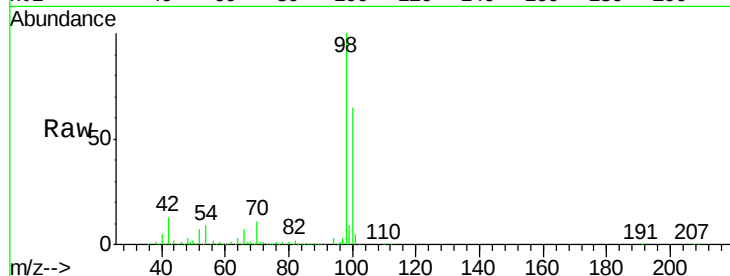
TONNELE-AVE-01

Tot Ion: 98 Resp: 903657

Ion Ratio Lower Upper

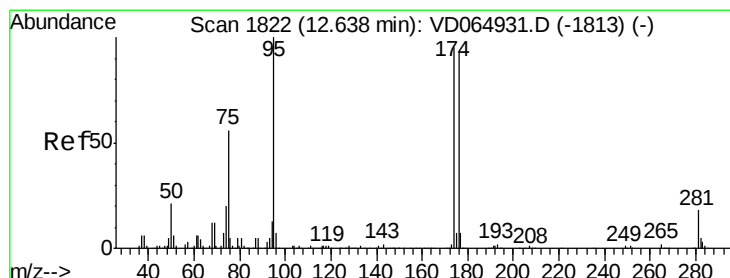
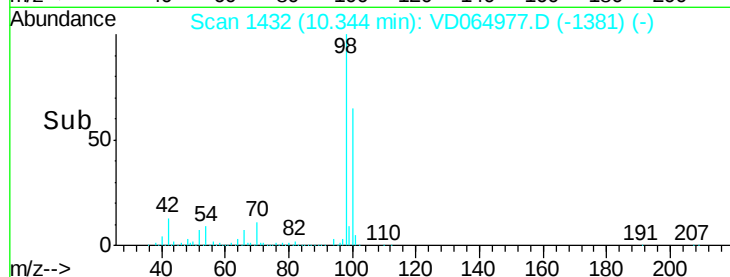
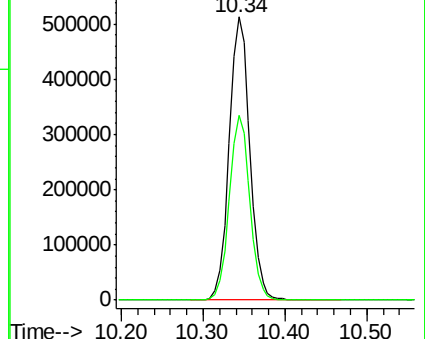
98 100

100 64.7 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 49.998 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD064977.D

Acq: 28 Jan 2020 14:24

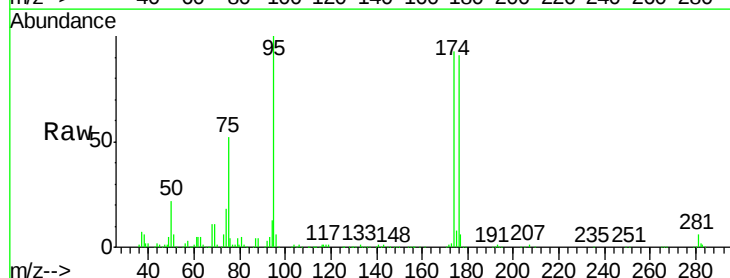
Tgt Ion: 95 Resp: 277495

Ion Ratio Lower Upper

95 100

174 91.3 0.0 186.8

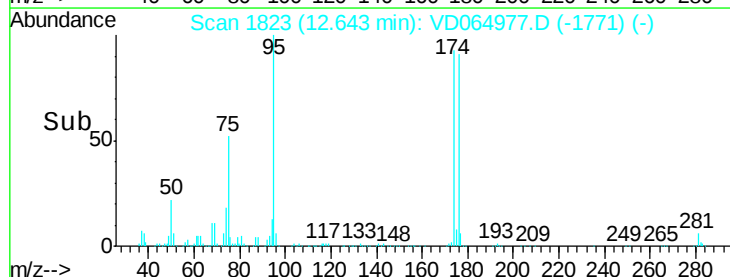
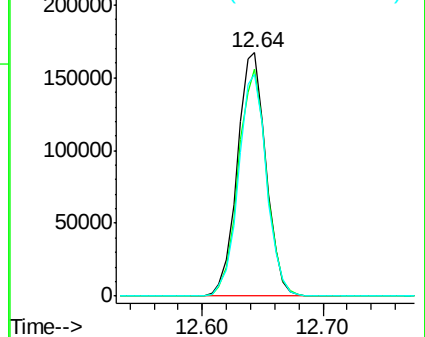
176 89.2 0.0 183.4

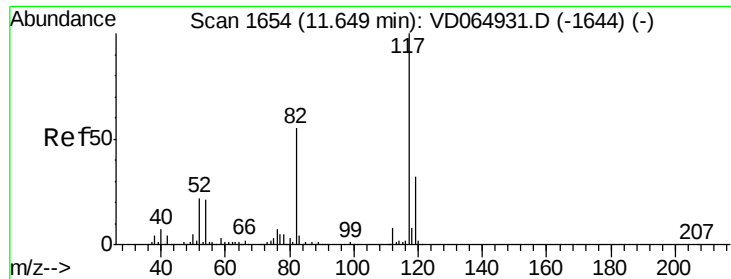


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

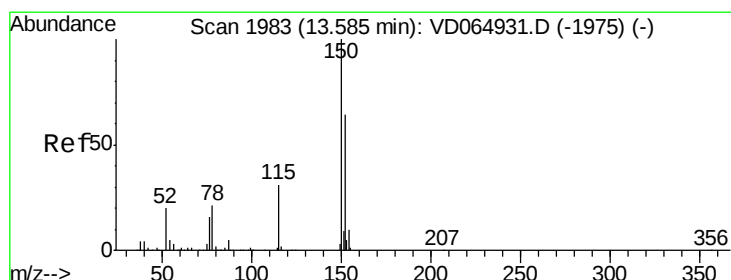
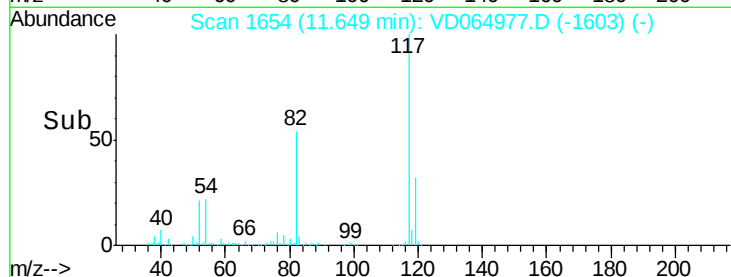
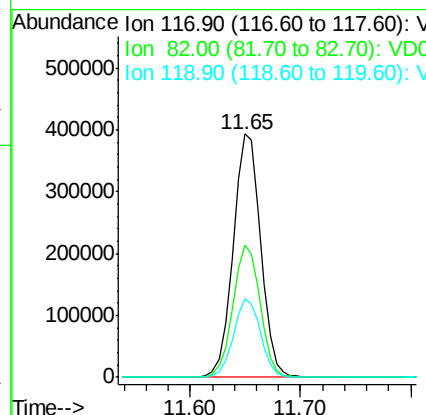
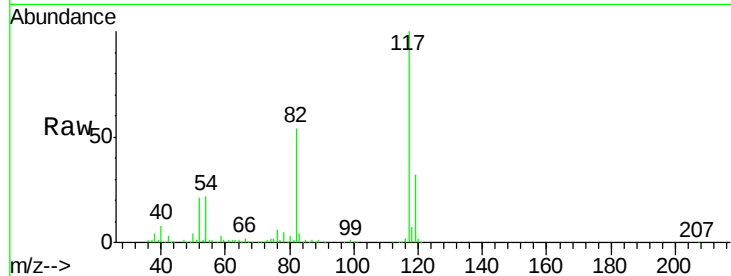




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064977.D
Acq: 28 Jan 2020 14:24

Instrument :
MSVOA_D
ClientSampleId :
TONNELE-AVE-01

Tot Ion:117 Resp: 688990
Ion Ratio Lower Upper
117 100
82 54.2 43.6 65.4
119 32.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064977.D
Acq: 28 Jan 2020 14:24

Tgt Ion:152 Resp: 296729
Ion Ratio Lower Upper
152 100
115 56.4 28.1 84.4
150 157.8 0.0 350.4

