

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102919\
 Data File : VD064100.D
 Acq On : 29 Oct 2019 20:35
 Operator : VA/SY
 Sample : K5599-01
 Misc : 5.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 Z3-20A

Quant Time: Oct 30 08:45:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 08:00:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	246921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	408112	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	414123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	215911	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	109654	55.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.68%	
35) Dibromofluoromethane	7.92	113	126243	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
50) Toluene-d8	10.34	98	491681	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
62) 4-Bromofluorobenzene	12.64	95	172757	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	

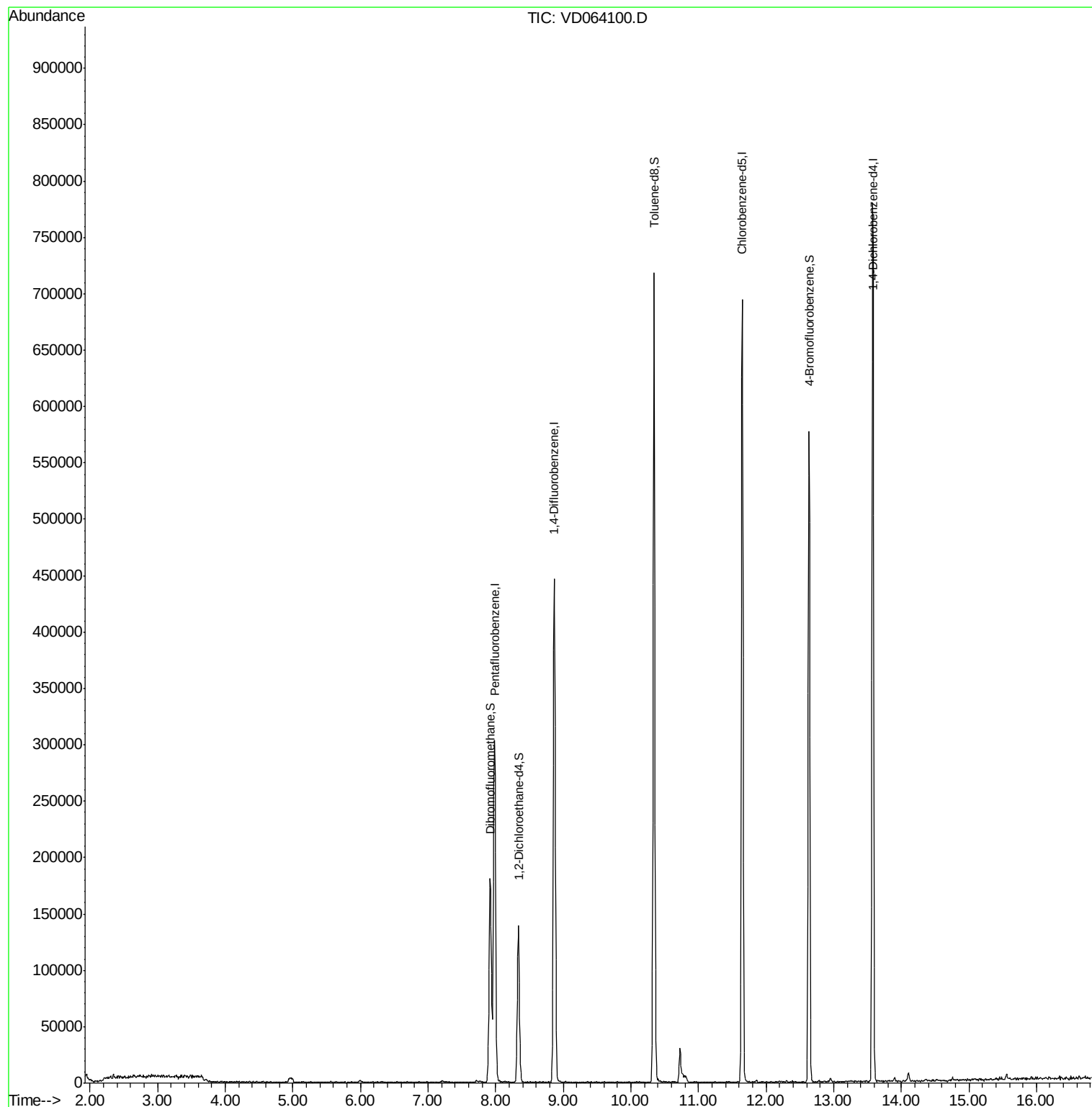
Target Compounds	Qvalue

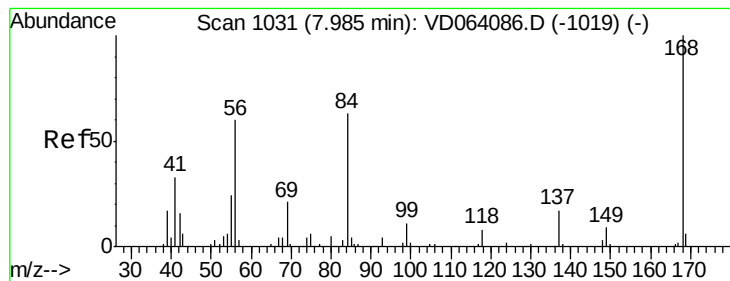
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064100.D

Acq: 29 Oct 2019 20:35

Instrument :

MSVOA_D

ClientSampleId :

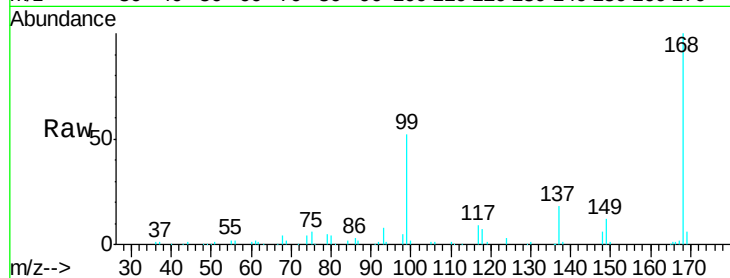
Z3-20A

Tgt Ion: 168 Resp: 246921

Ion Ratio Lower Upper

168 100

99 51.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

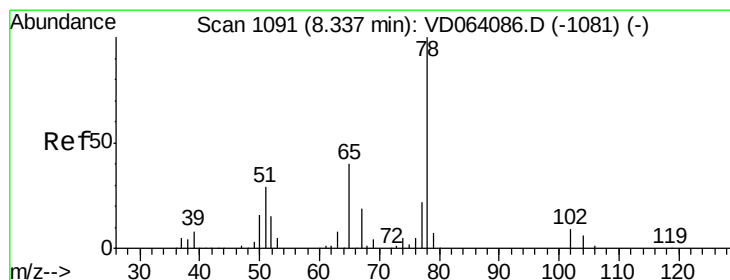
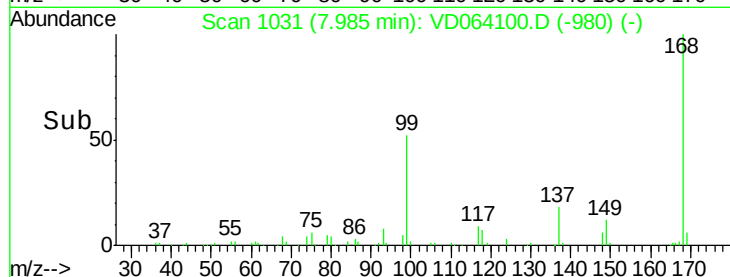
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.838 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064100.D

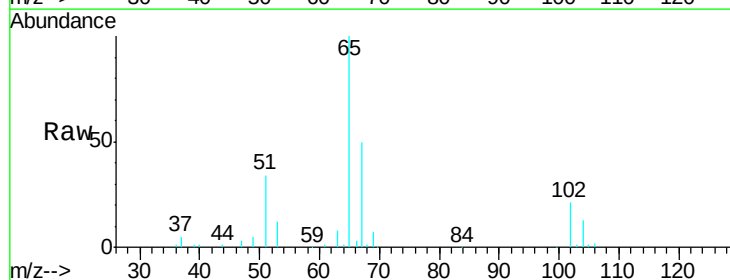
Acq: 29 Oct 2019 20:35

Tgt Ion: 65 Resp: 109654

Ion Ratio Lower Upper

65 100

67 50.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

60000

50000

40000

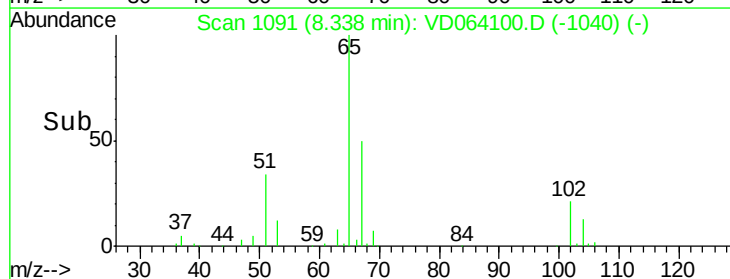
30000

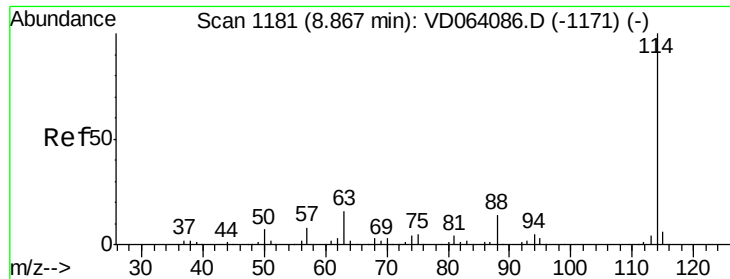
20000

10000

0

Time-->

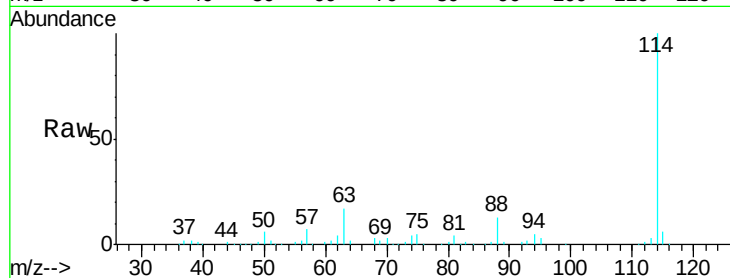




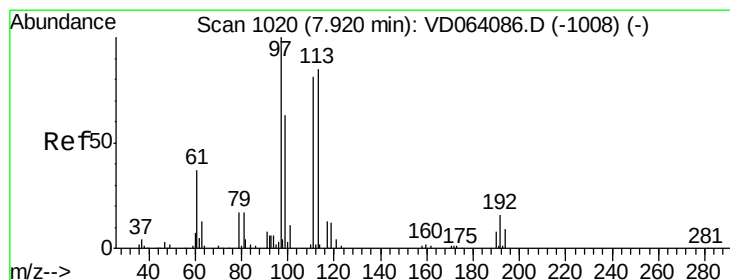
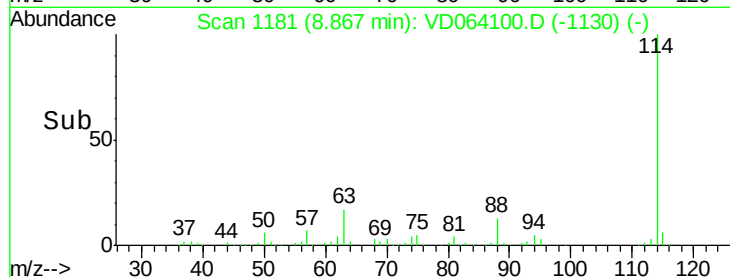
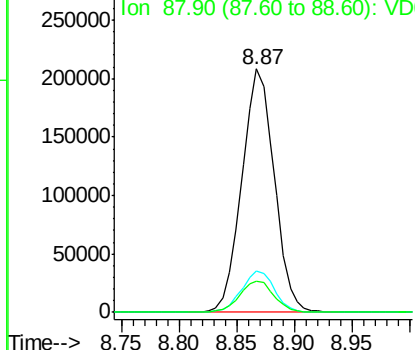
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064100.D
 Acq: 29 Oct 2019 20:35

Instrument :
 MSVOA_D
 ClientSampleId :
 Z3-20A

Tgt Ion:114 Resp: 408112
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 32.8
 88 12.8 0.0 27.6

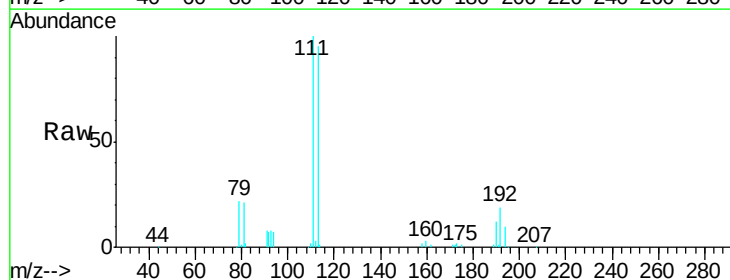


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

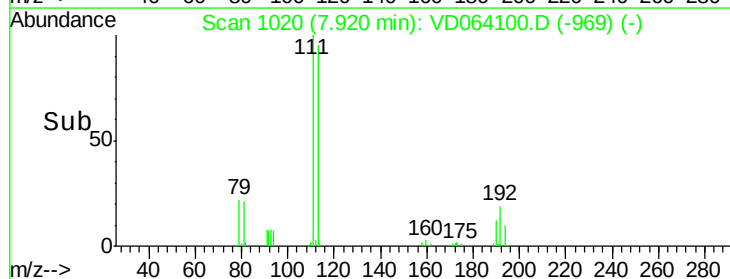
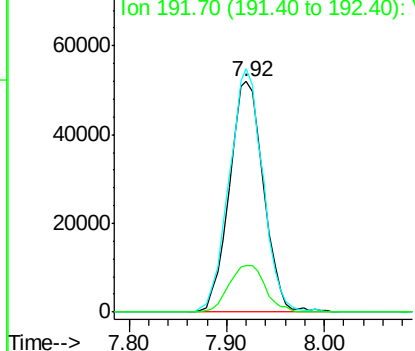


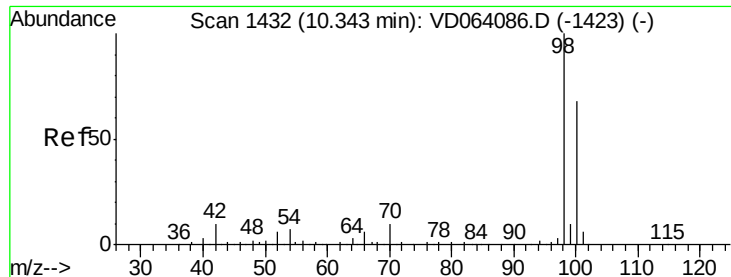
#35
 Dibromofluoromethane
 Concen: 50.280 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064100.D
 Acq: 29 Oct 2019 20:35

Tgt Ion:113 Resp: 126243
 Ion Ratio Lower Upper
 113 100
 111 104.0 79.3 118.9
 192 21.5 16.2 24.2



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: 48.966 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064100.D

Acq: 29 Oct 2019 20:35

Instrument :

MSVOA_D

ClientSampleId :

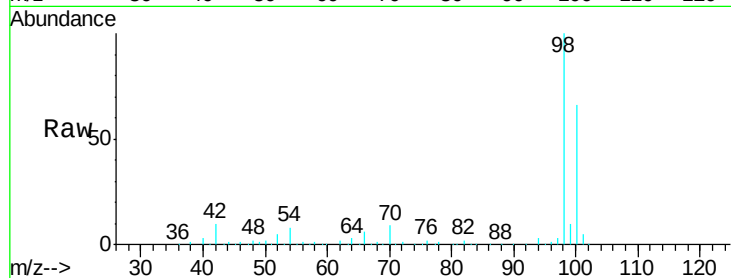
Z3-20A

Tgt Ion: 98 Resp: 491681

Ion Ratio Lower Upper

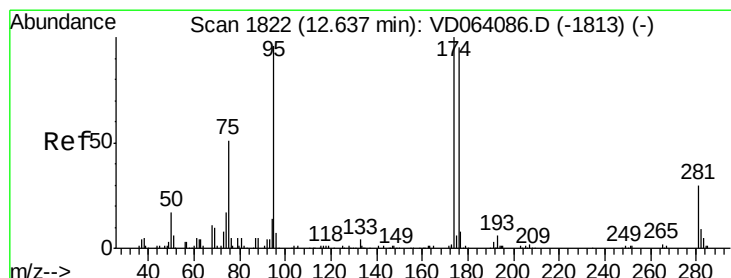
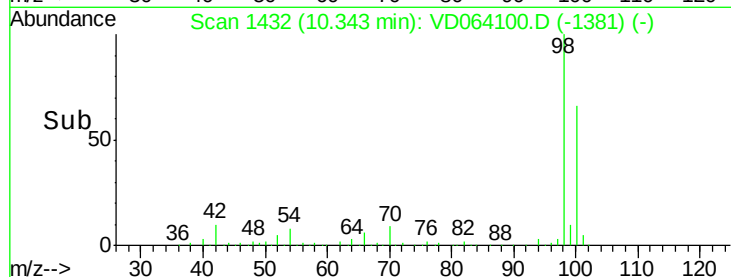
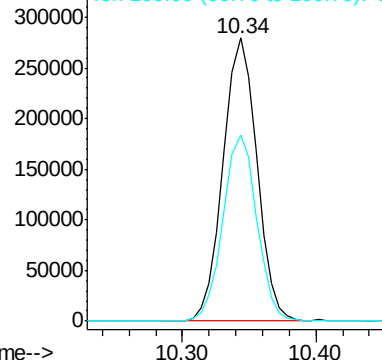
98 100

100 65.5 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 51.895 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064100.D

Acq: 29 Oct 2019 20:35

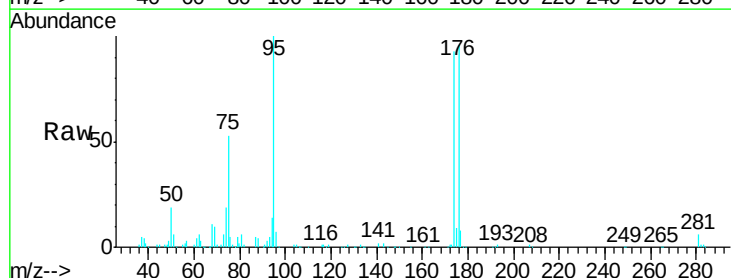
Tgt Ion: 95 Resp: 172757

Ion Ratio Lower Upper

95 100

174 96.7 0.0 201.6

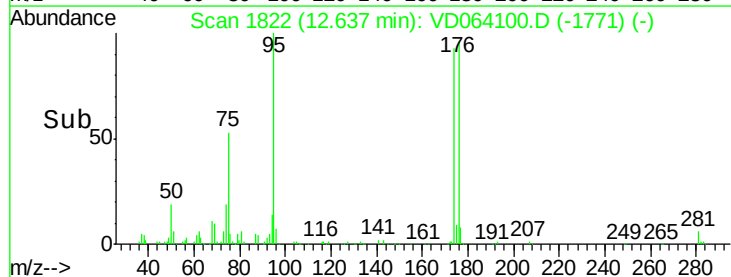
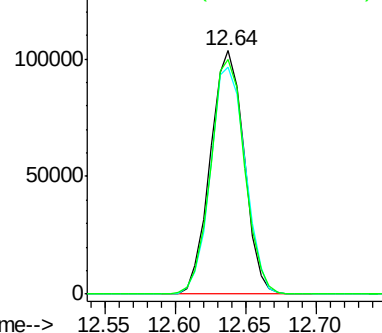
176 97.3 0.0 192.6

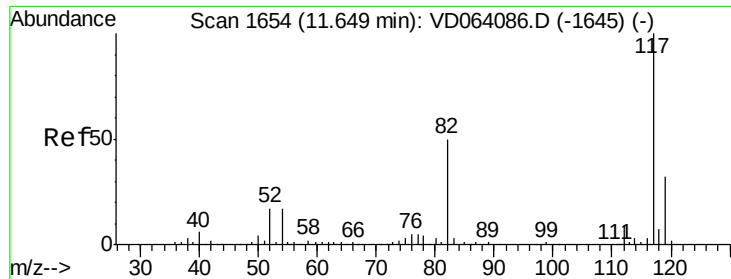


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

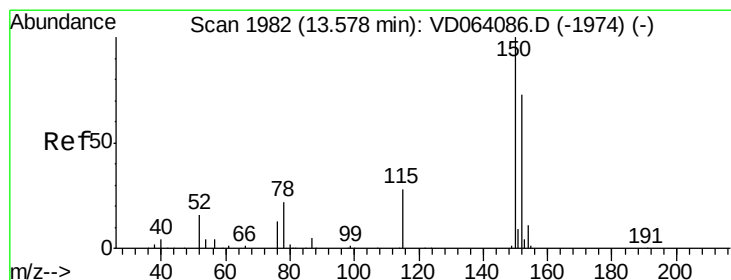
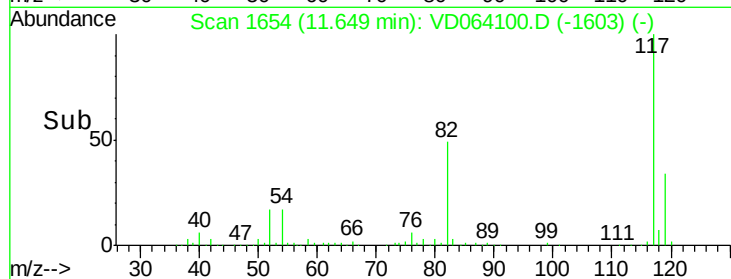
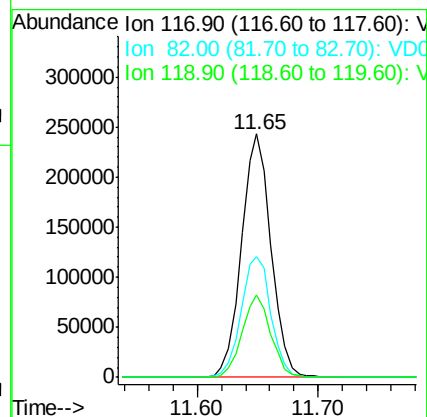
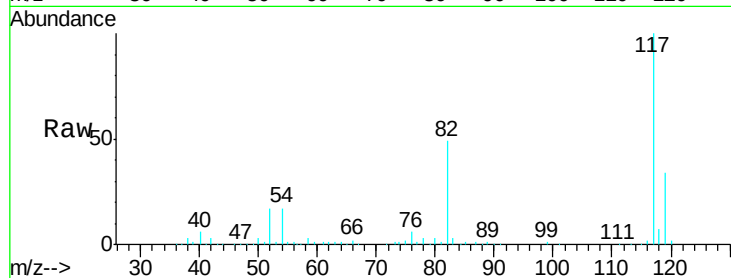




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064100.D
Acq: 29 Oct 2019 20:35

Instrument :
MSVOA_D
ClientSampleId :
Z3-20A

Tgt Ion:117 Resp: 414123
Ion Ratio Lower Upper
117 100
82 49.5 40.2 60.4
119 33.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064100.D
Acq: 29 Oct 2019 20:35

Tgt Ion:152 Resp: 215911
Ion Ratio Lower Upper
152 100
115 55.6 26.2 78.6
150 159.1 0.0 338.8

