

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102919\
 Data File : VD064101.D
 Acq On : 29 Oct 2019 21:03
 Operator : VA/SY
 Sample : K5599-03
 Misc : 5.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 Z3-20B

Quant Time: Oct 30 08:47:34 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

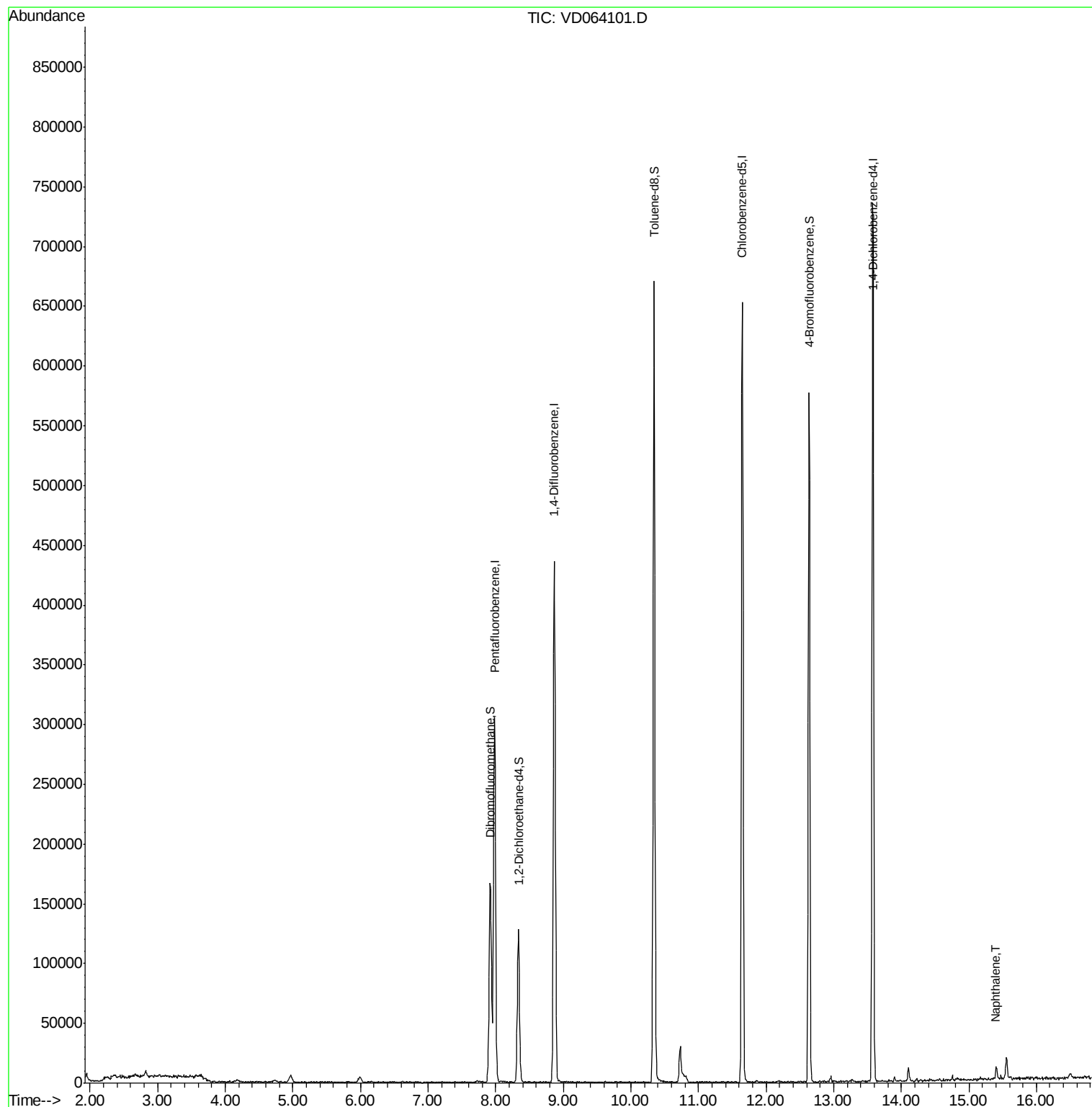
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	236945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	394290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	394216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	204366	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	102883	54.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.20%	
35) Dibromofluoromethane	7.92	113	117590	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
50) Toluene-d8	10.34	98	471955	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	12.64	95	162130	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
Target Compounds						
95) Naphthalene	15.40	128	9201	1.327	ug/l	Qvalue 96

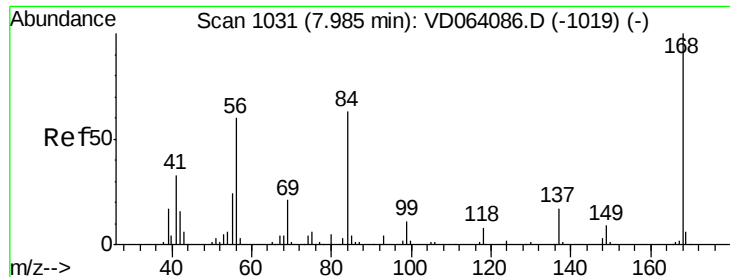
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064101.D

Acq: 29 Oct 2019 21:03

Instrument :

MSVOA_D

ClientSampleId :

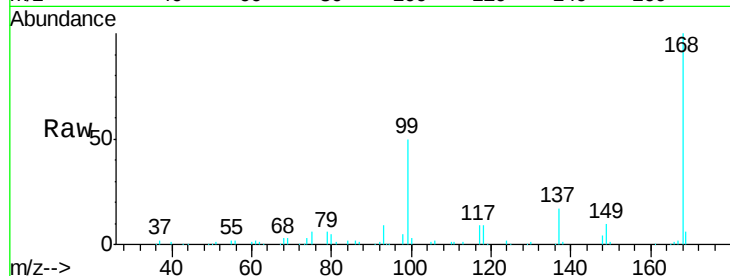
Z3-20B

Tgt Ion:168 Resp: 236945

Ion Ratio Lower Upper

168 100

99 50.1 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

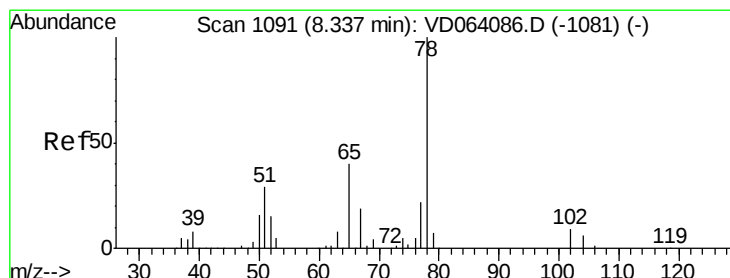
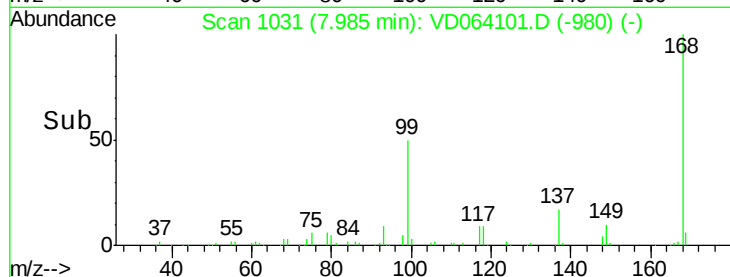
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.596 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064101.D

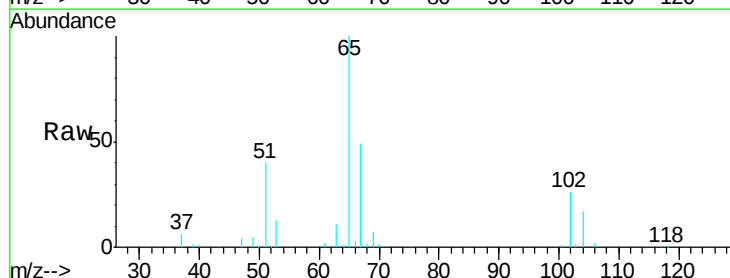
Acq: 29 Oct 2019 21:03

Tgt Ion: 65 Resp: 102883

Ion Ratio Lower Upper

65 100

67 50.4 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

50000

40000

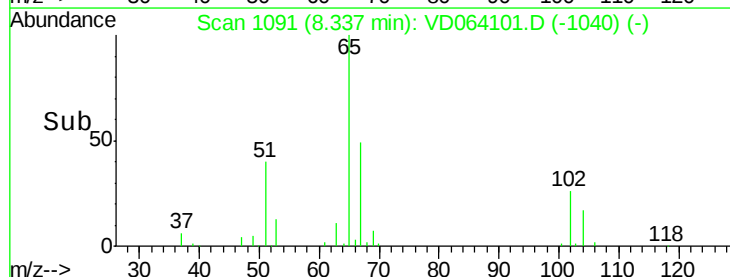
30000

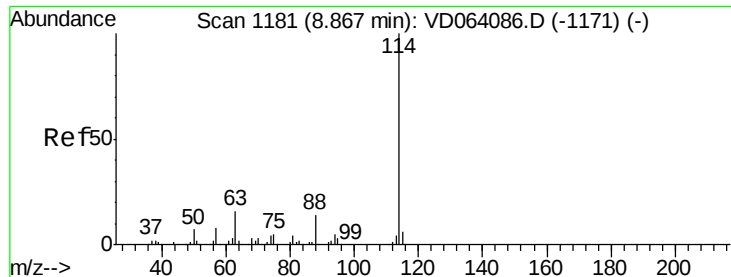
20000

10000

0

Time-->

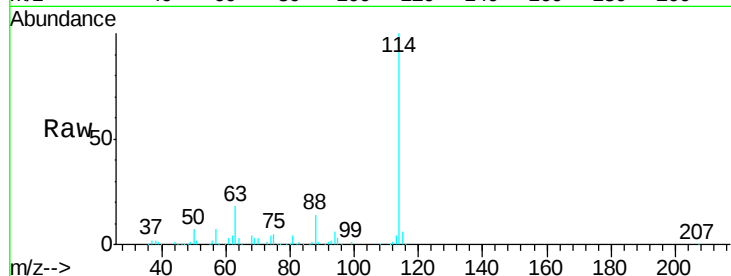




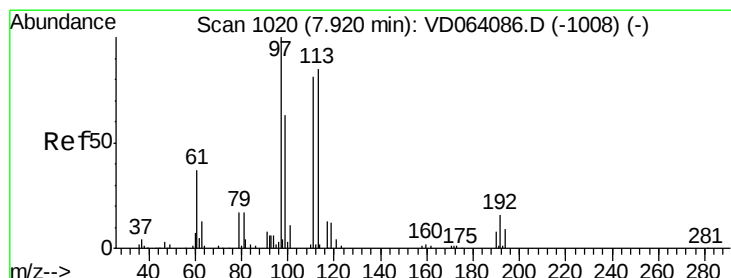
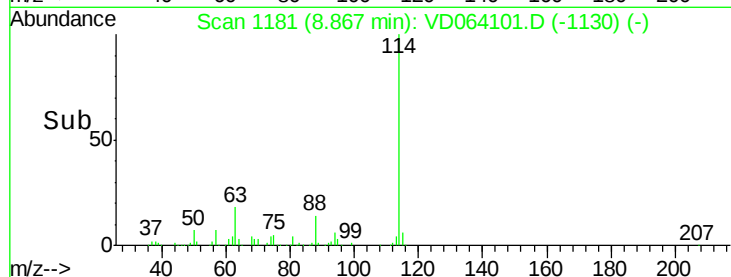
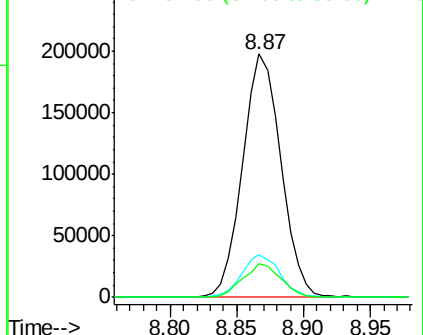
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064101.D
 Acq: 29 Oct 2019 21:03

Instrument :
 MSVOA_D
 ClientSampleId :
 Z3-20B

Tgt Ion:114 Resp: 394290
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 32.8
 88 14.0 0.0 27.6

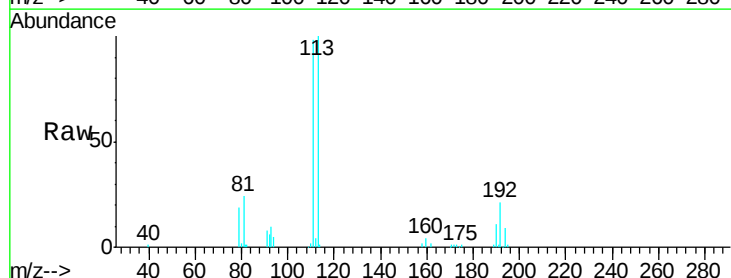


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

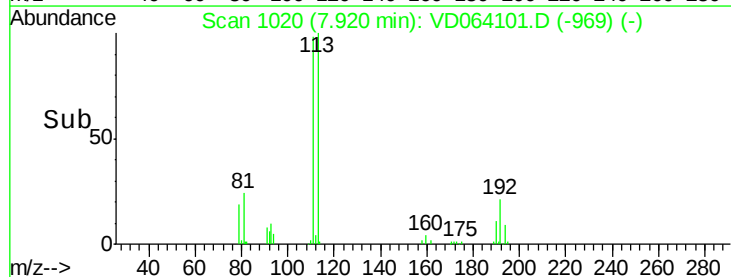
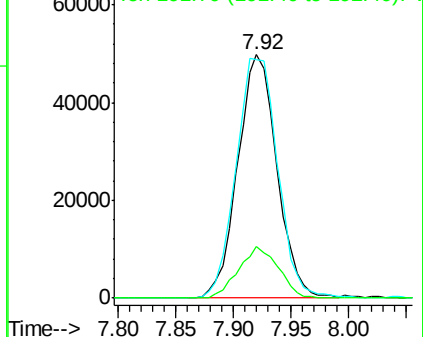


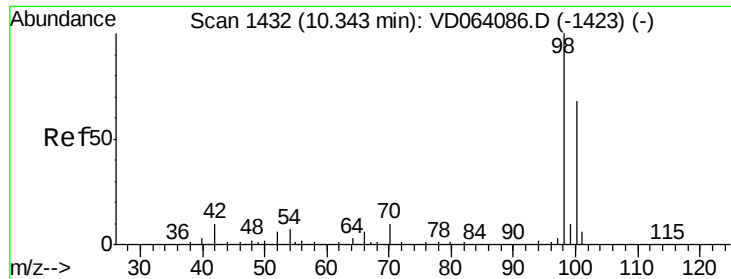
#35
 Dibromofluoromethane
 Concen: 48.475 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064101.D
 Acq: 29 Oct 2019 21:03

Tgt Ion:113 Resp: 117590
 Ion Ratio Lower Upper
 113 100
 111 105.2 79.3 118.9
 192 21.4 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: 48.650 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064101.D

Acq: 29 Oct 2019 21:03

Instrument :

MSVOA_D

ClientSampled :

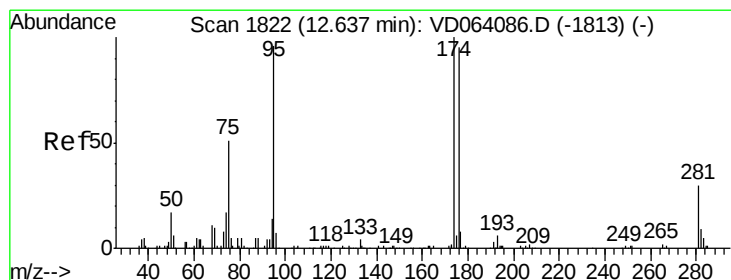
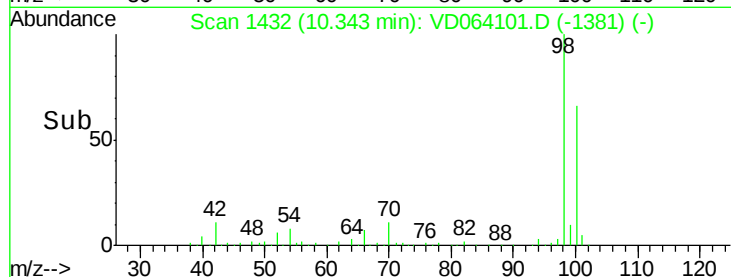
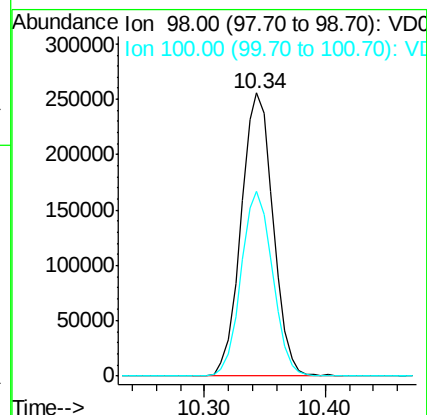
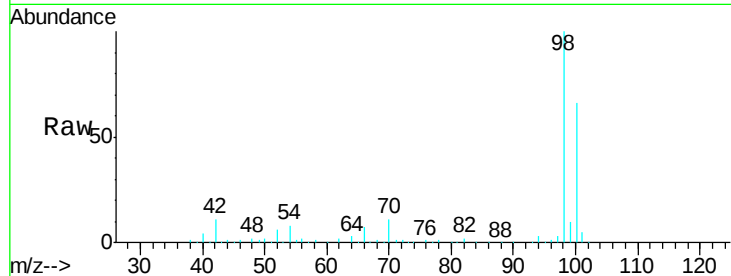
Z3-20B

Tgt Ion: 98 Resp: 471955

Ion Ratio Lower Upper

98 100

100 64.5 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 50.410 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064101.D

Acq: 29 Oct 2019 21:03

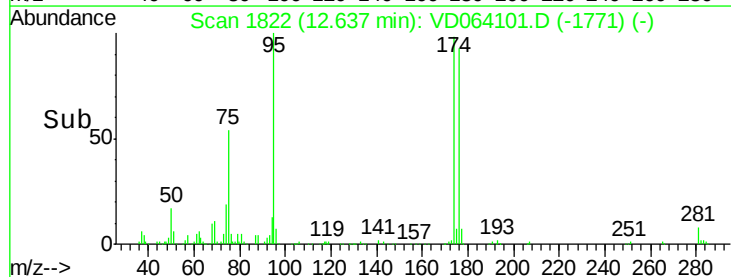
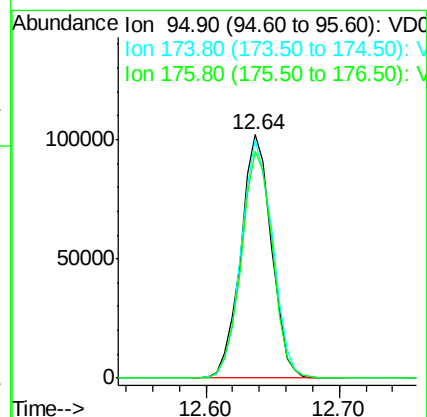
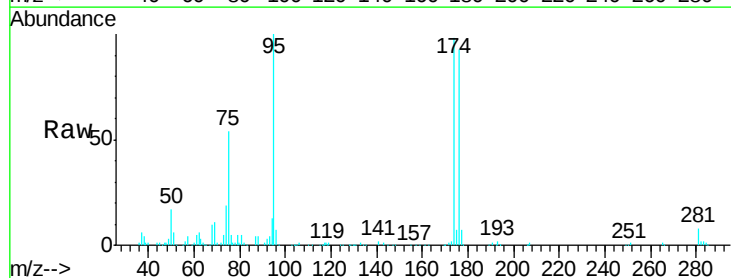
Tgt Ion: 95 Resp: 162130

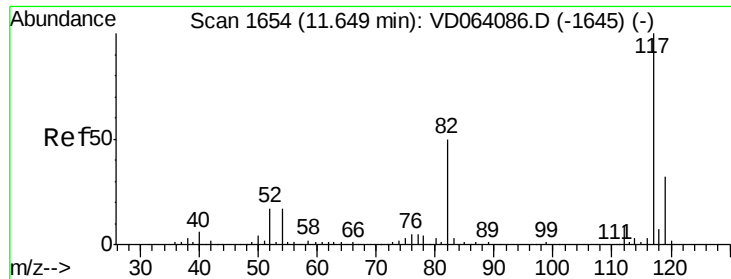
Ion Ratio Lower Upper

95 100

174 99.8 0.0 201.6

176 94.2 0.0 192.6

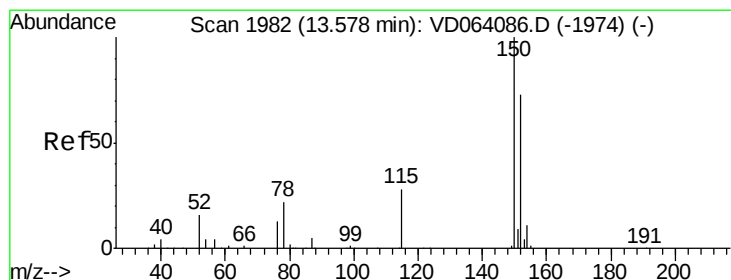
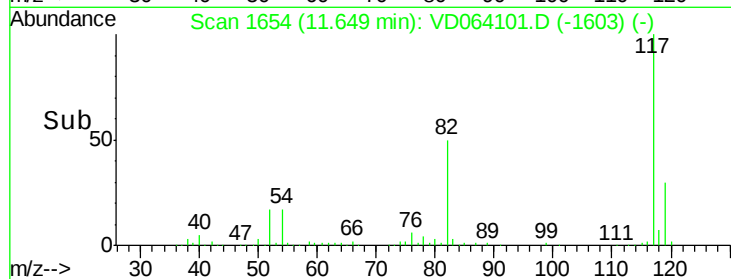
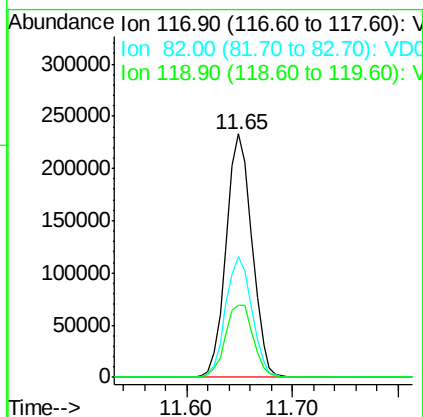
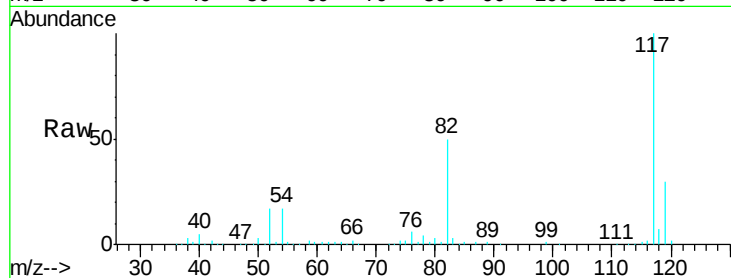




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064101.D
Acq: 29 Oct 2019 21:03

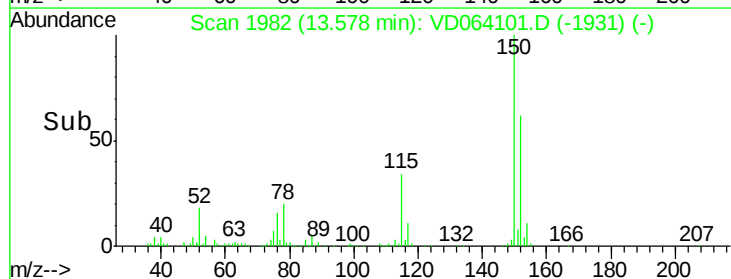
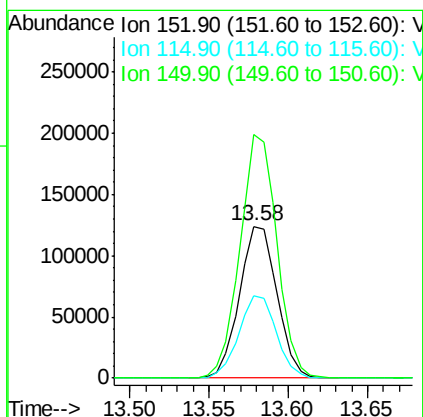
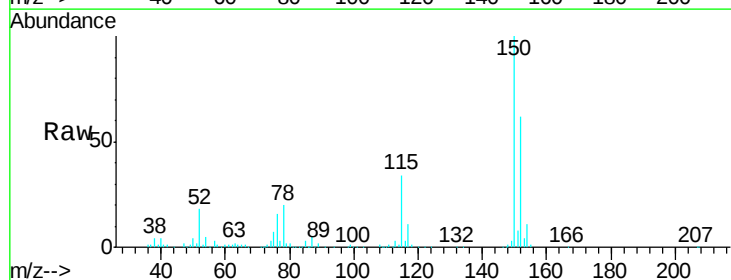
Instrument :
MSVOA_D
ClientSampleId :
Z3-20B

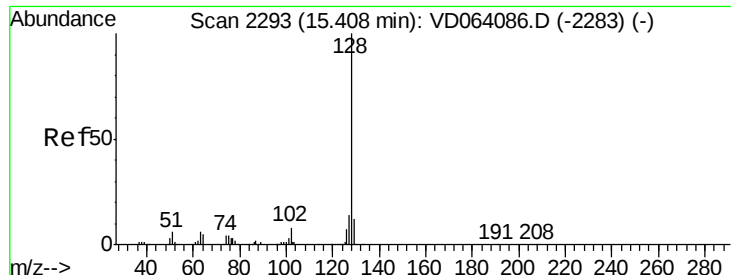
Tgt Ion:117 Resp: 394216
Ion Ratio Lower Upper
117 100
82 49.8 40.2 60.4
119 29.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064101.D
Acq: 29 Oct 2019 21:03

Tgt Ion:152 Resp: 204366
Ion Ratio Lower Upper
152 100
115 54.2 26.2 78.6
150 157.4 0.0 338.8





#95
Naphthalene
Concen: 1.327 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD064101.D
Acq: 29 Oct 2019 21:03

Instrument :
MSVOA_D
ClientSampleId :
Z3-20B

Tgt Ion:128 Resp: 9201
Ion Ratio Lower Upper
128 100
127 12.2 10.9 16.3
129 12.6 8.8 13.2

