

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102919\
 Data File : VD064090.D
 Acq On : 29 Oct 2019 15:46
 Operator : VA/SY
 Sample : VD1029SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1029SBL01

Quant Time: Oct 30 08:18:26 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	275007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	420919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	431246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	219753	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	116483	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
35) Dibromofluoromethane	7.91	113	127786	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
50) Toluene-d8	10.34	98	508842	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
62) 4-Bromofluorobenzene	12.64	95	178230	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	

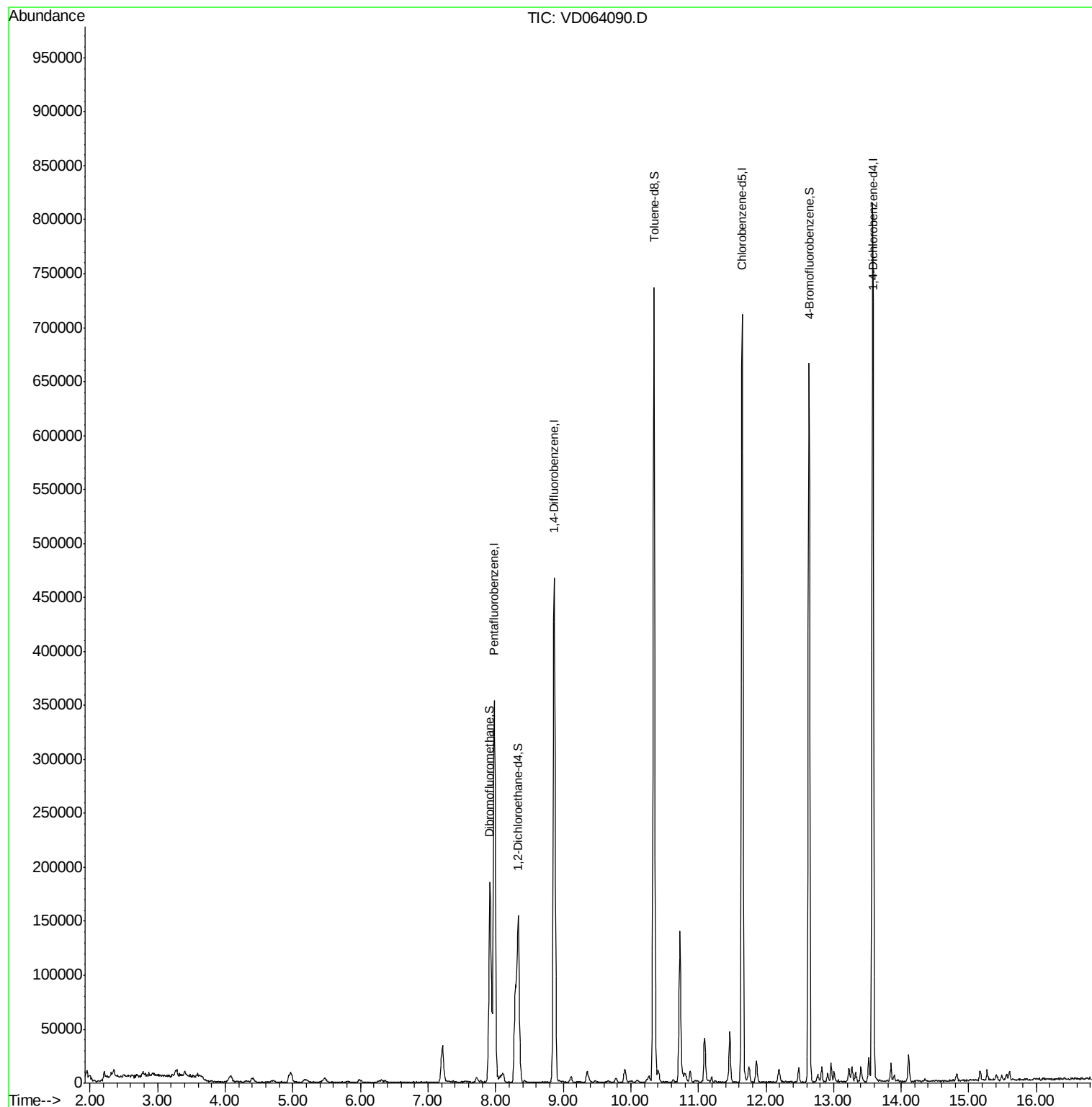
Target Compounds	Qvalue
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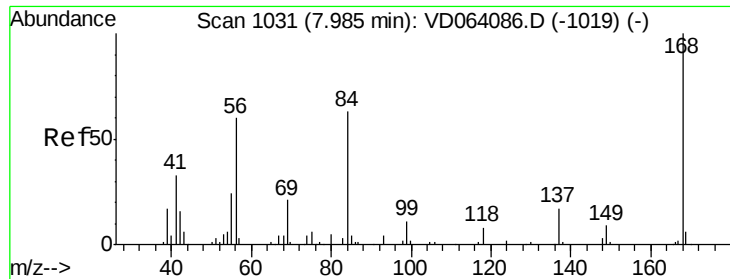
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064090.D

Acq: 29 Oct 2019 15:46

Instrument :

MSVOA_D

ClientSampleId :

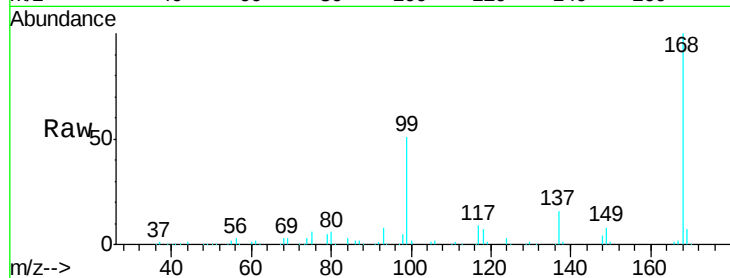
VD1029SBL01

Tgt Ion:168 Resp: 275007

Ion Ratio Lower Upper

168 100

99 50.5 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

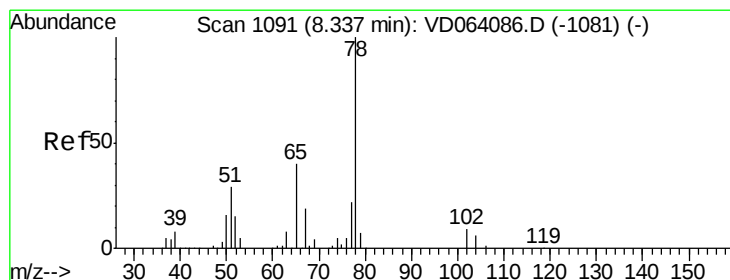
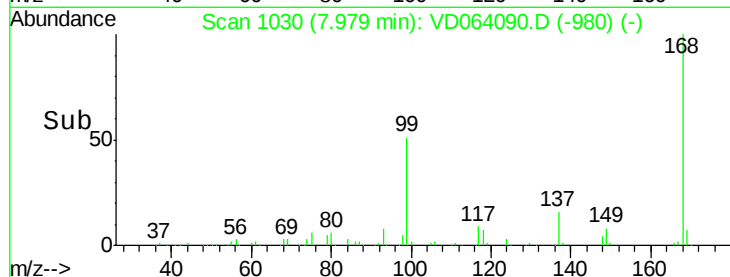
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.258 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064090.D

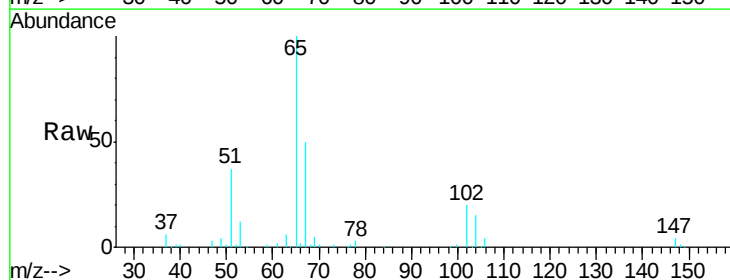
Acq: 29 Oct 2019 15:46

Tgt Ion: 65 Resp: 116483

Ion Ratio Lower Upper

65 100

67 53.0 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

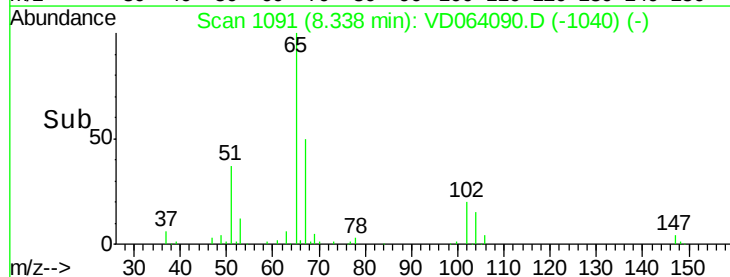
30000

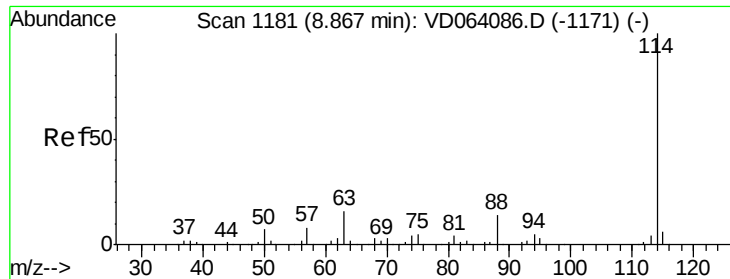
20000

10000

0

Time-->

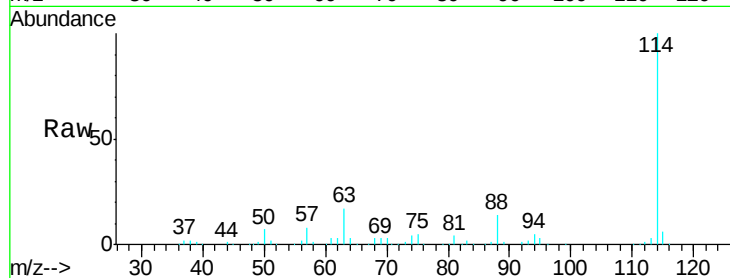




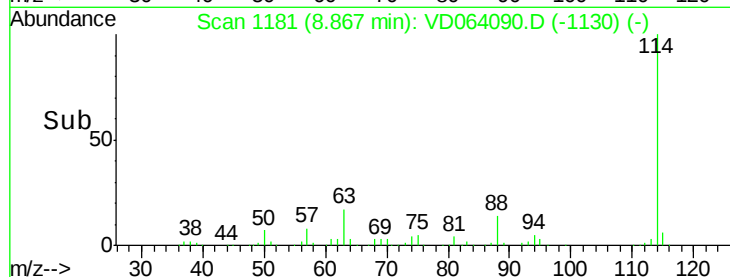
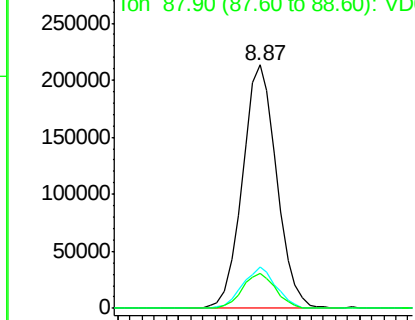
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064090.D
 Acq: 29 Oct 2019 15:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1029SBL01

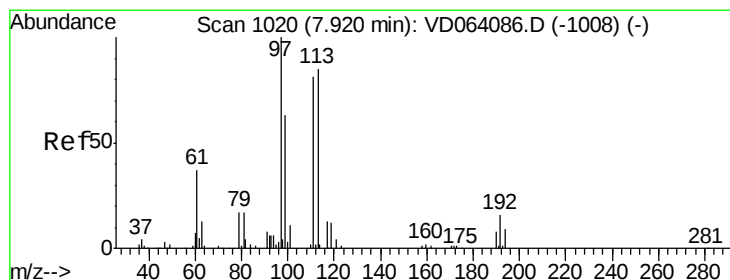
Tgt Ion:114 Resp: 420919
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 32.8
 88 14.3 0.0 27.6



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

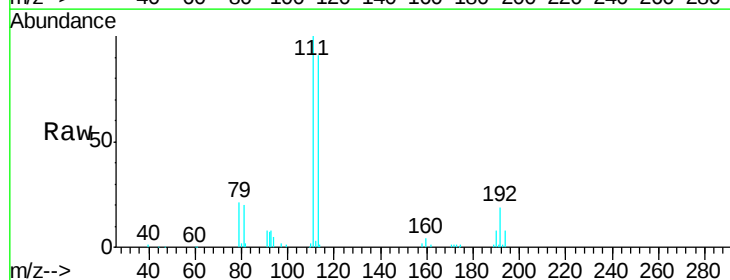


Time--> 8.75 8.80 8.85 8.90 8.95

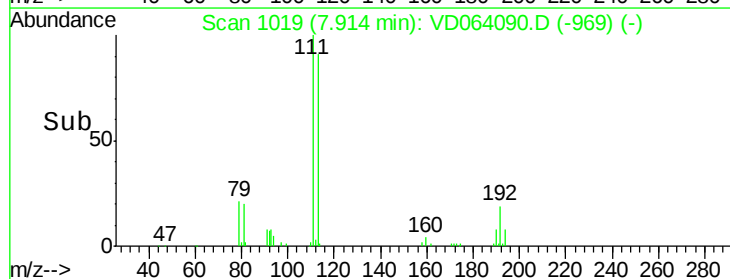
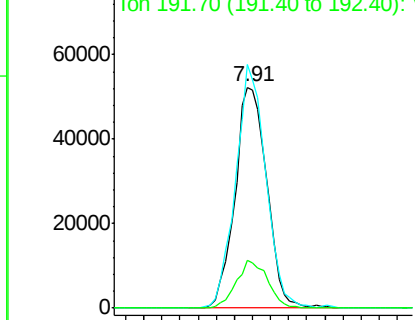


#35
 Dibromofluoromethane
 Concen: 49.346 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064090.D
 Acq: 29 Oct 2019 15:46

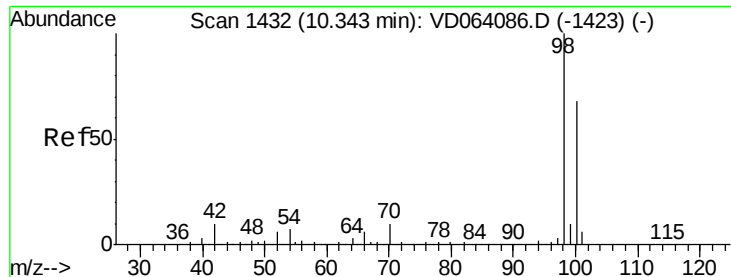
Tgt Ion:113 Resp: 127786
 Ion Ratio Lower Upper
 113 100
 111 104.5 79.3 118.9
 192 21.1 16.2 24.2



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



Time--> 7.80 7.90 8.00



#50

Toluene-d8

Concen: 49.134 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064090.D

Acq: 29 Oct 2019 15:46

Instrument :

MSVOA_D

ClientSampleId :

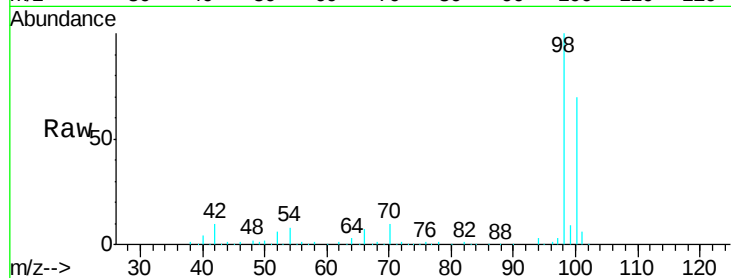
VD1029SBL01

Tgt Ion: 98 Resp: 508842

Ion Ratio Lower Upper

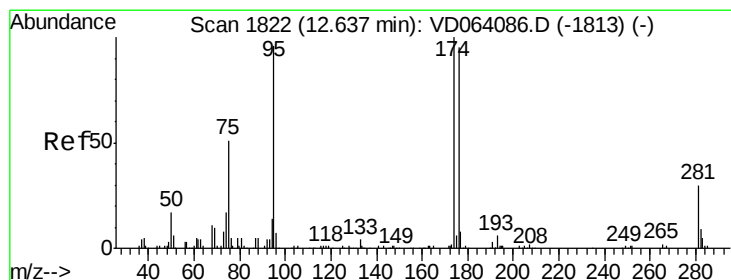
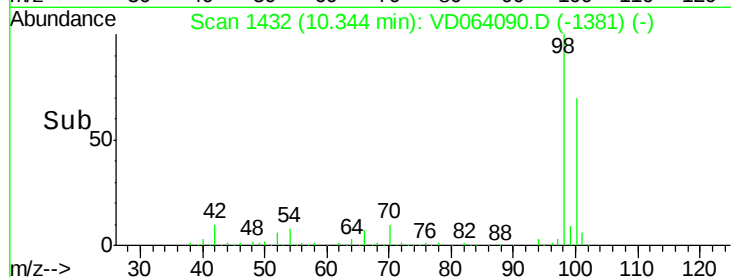
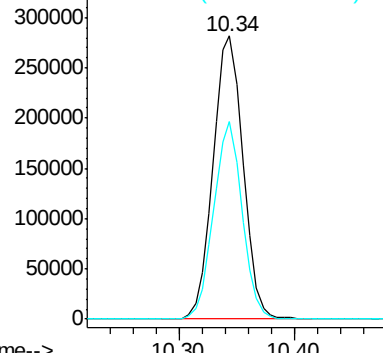
98 100

100 66.3 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: 51.910 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064090.D

Acq: 29 Oct 2019 15:46

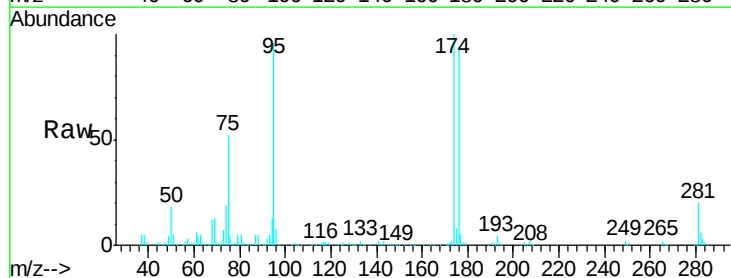
Tgt Ion: 95 Resp: 178230

Ion Ratio Lower Upper

95 100

174 99.9 0.0 201.6

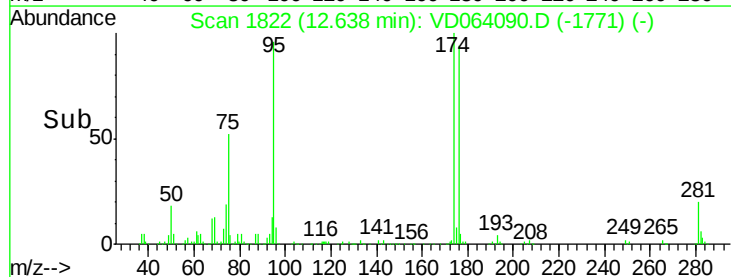
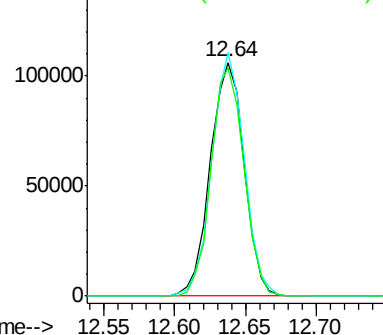
176 94.9 0.0 192.6

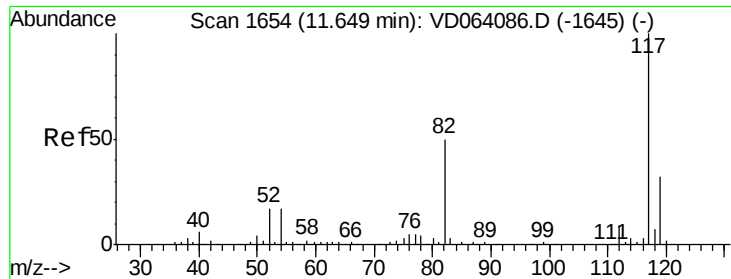


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

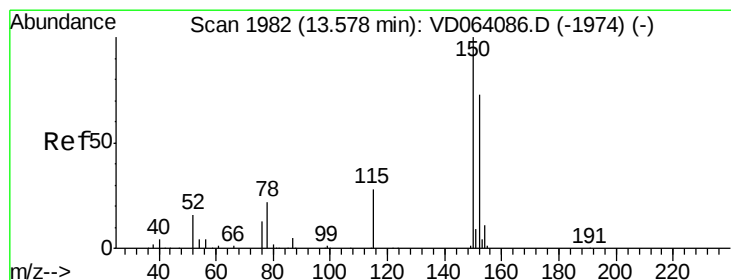
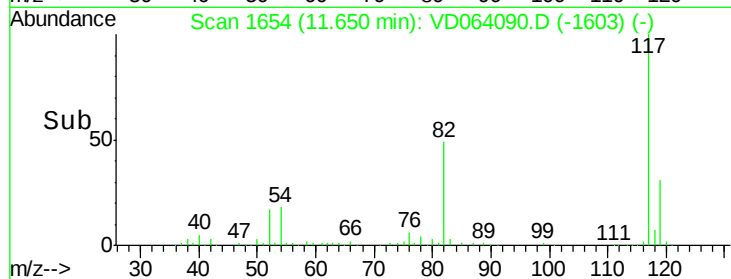
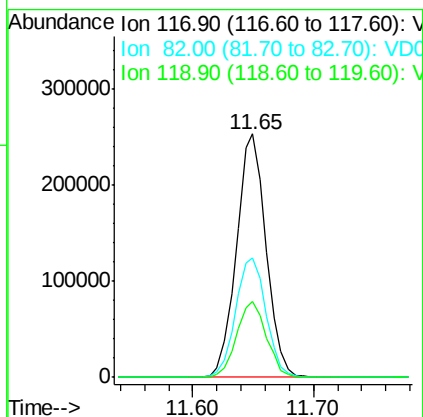
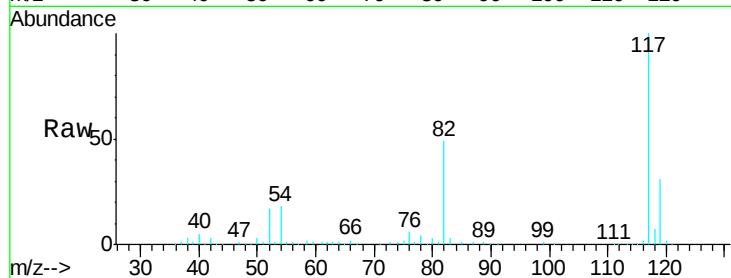




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064090.D
Acq: 29 Oct 2019 15:46

Instrument :
MSVOA_D
ClientSampleId :
VD1029SBL01

Tgt Ion:117 Resp: 431246
Ion Ratio Lower Upper
117 100
82 48.9 40.2 60.4
119 31.0 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: VD064090.D
Acq: 29 Oct 2019 15:46

Tgt Ion:152 Resp: 219753
Ion Ratio Lower Upper
152 100
115 55.4 26.2 78.6
150 159.4 0.0 338.8

