

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111119\
 Data File : VD064175.D
 Acq On : 11 Nov 2019 13:46
 Operator : VA/SY
 Sample : VD1111SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBL01

Quant Time: Nov 12 02:58:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	672277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1087890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	1067930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	560470	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	322968	58.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.82%	
35) Dibromofluoromethane	7.92	113	336494	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	
50) Toluene-d8	10.34	98	1306294	55.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.90%	
62) 4-Bromofluorobenzene	12.64	95	507869	62.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.50%	

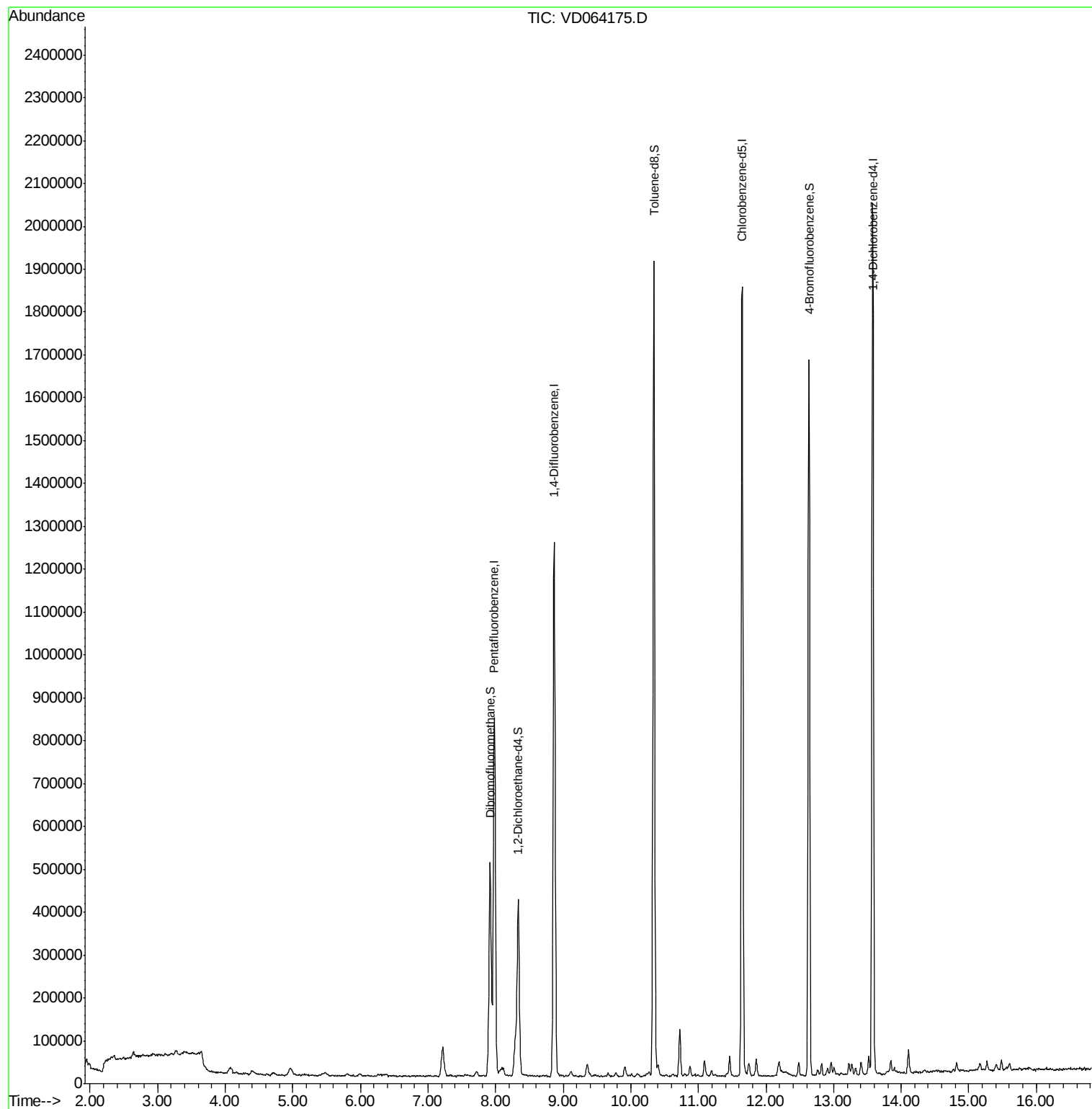
Target Compounds	Qvalue

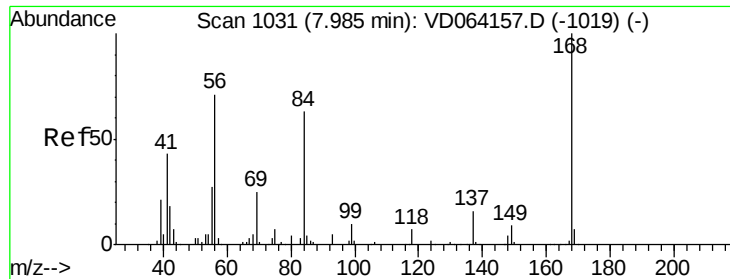
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064175.D

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Instrument :

MSVOA_D

ClientSampleId :

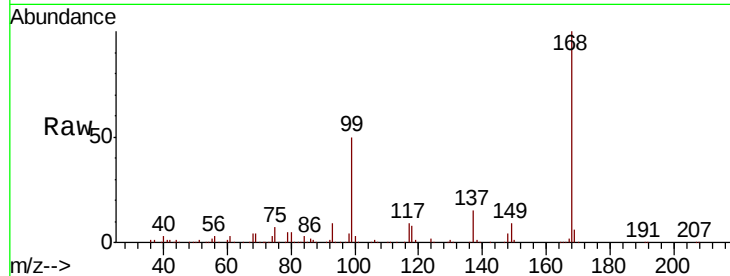
VD1111SBL01

Tot Ion:168 Resp: 672277

Ion Ratio Lower Upper

168 100

99 49.6 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

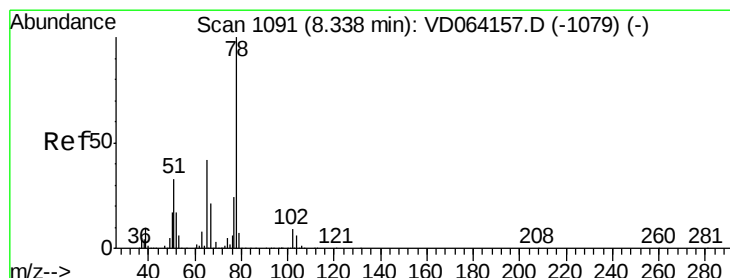
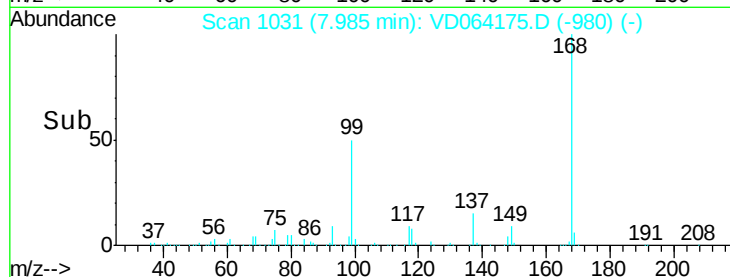
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.413 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064175.D

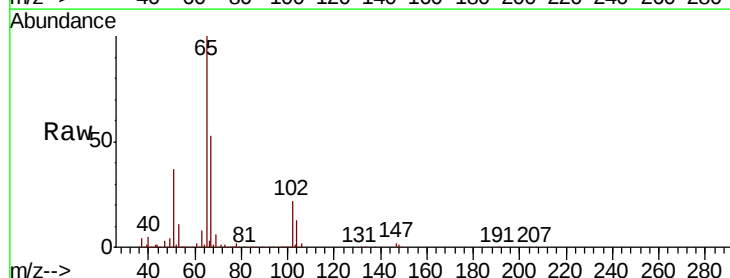
Acq: 11 Nov 2019 13:46

Tgt Ion: 65 Resp: 322968

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

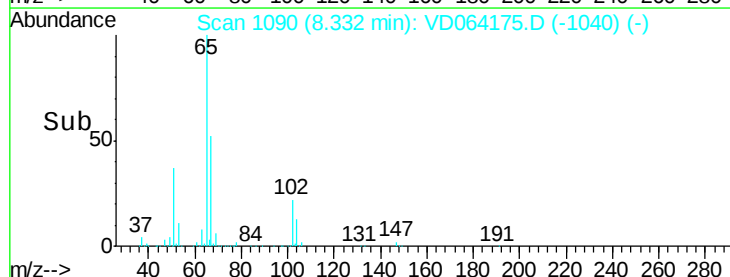
150000

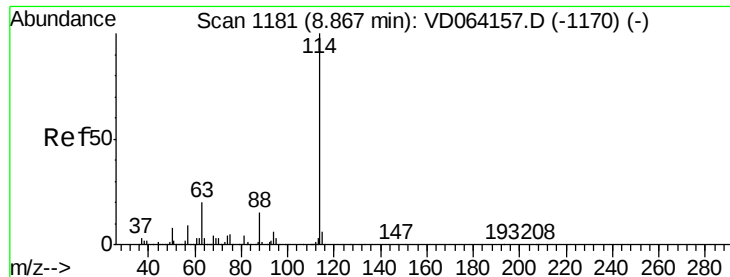
100000

50000

0

Time-->

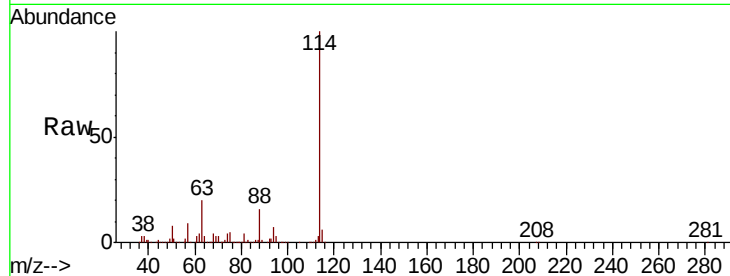




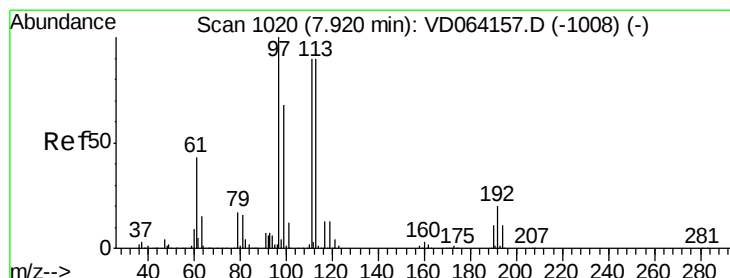
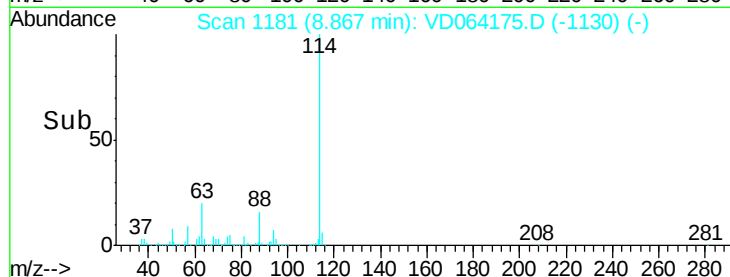
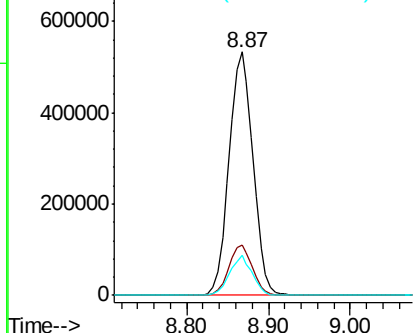
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064175.D
Acq: 11 Nov 2019 13:46

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBL01

Tot Ion:114 Resp: 1087890
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.0
88 16.3 0.0 30.2

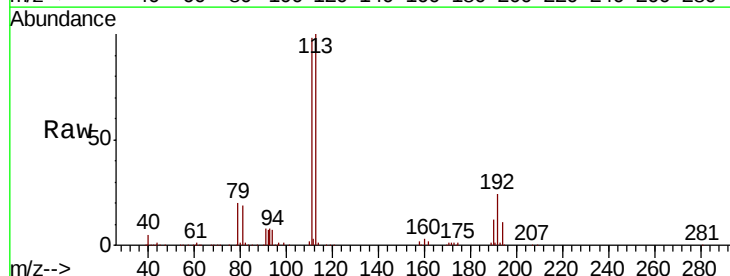


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

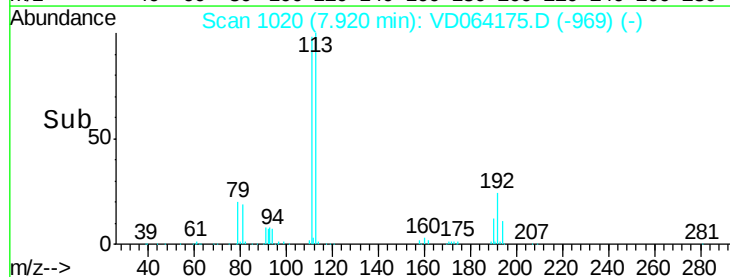
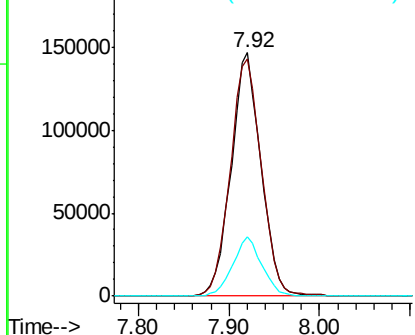


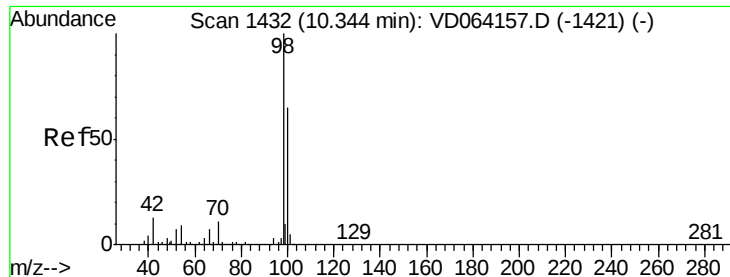
#35
Dibromofluoromethane
Concen: 53.885 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064175.D
Acq: 11 Nov 2019 13:46

Tgt Ion:113 Resp: 336494
Ion Ratio Lower Upper
113 100
111 101.7 81.5 122.3
192 23.8 18.8 28.2



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: 55.451 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064175.D

Acq: 11 Nov 2019 13:46

Instrument :

MSVOA_D

ClientSampleId :

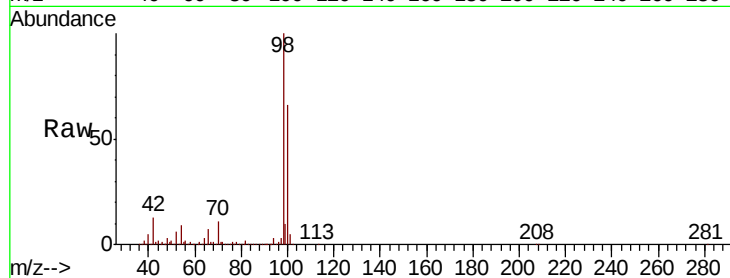
VD1111SBL01

Tot Ion: 98 Resp: 1306294

Ion Ratio Lower Upper

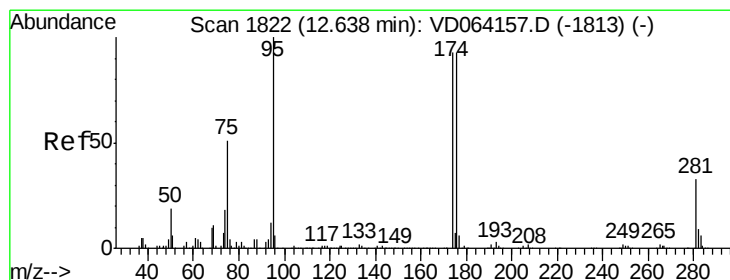
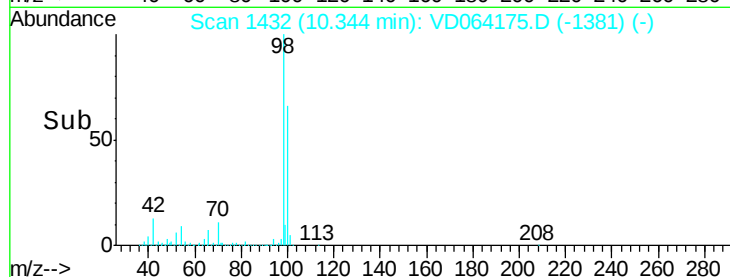
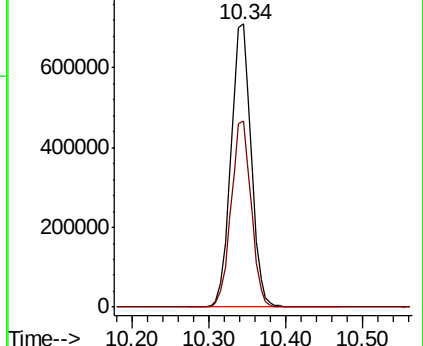
98 100

100 65.4 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 62.253 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064175.D

Acq: 11 Nov 2019 13:46

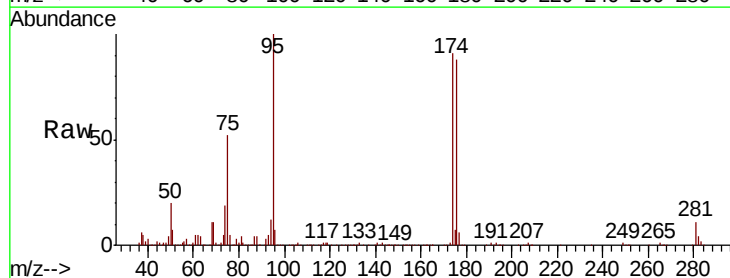
Tgt Ion: 95 Resp: 507869

Ion Ratio Lower Upper

95 100

174 91.6 0.0 183.6

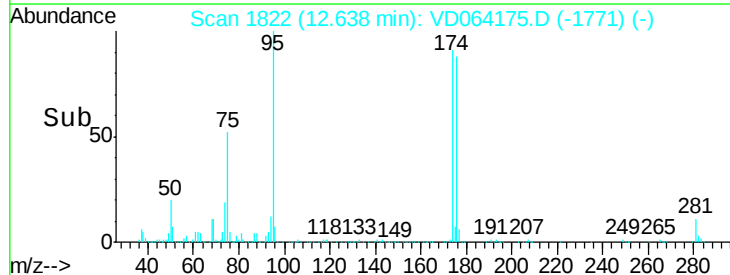
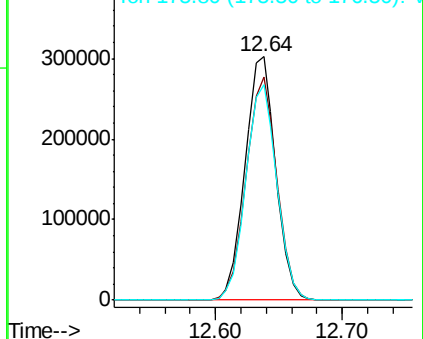
176 89.1 0.0 180.2



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

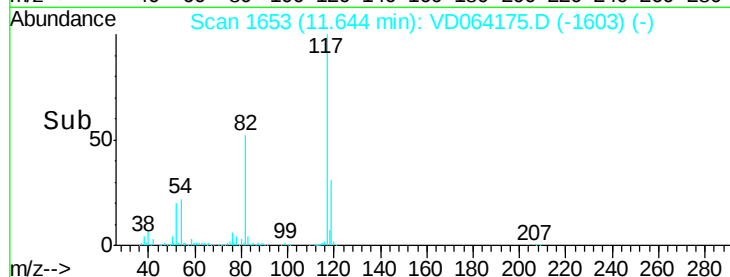
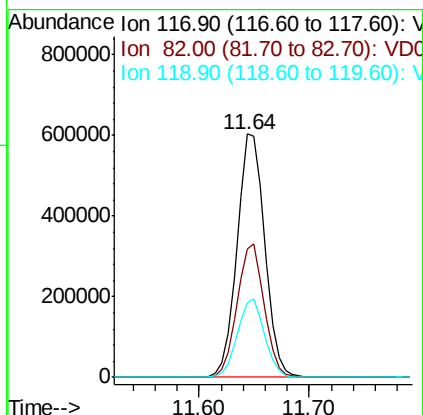
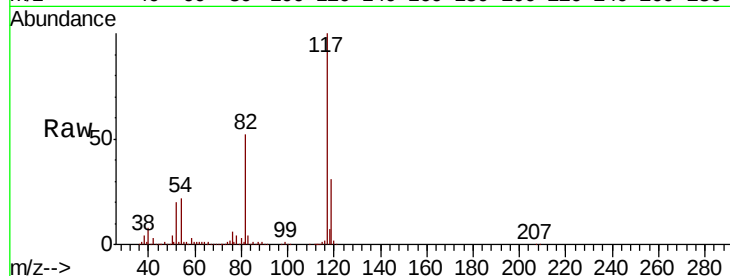




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064175.D
Acq: 11 Nov 2019 13:46

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBL01

Tot Ion:117 Resp: 1067930
Ion Ratio Lower Upper
117 100
82 52.5 42.8 64.2
119 30.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD064175.D
Acq: 11 Nov 2019 13:46

Tgt Ion:152 Resp: 560470
Ion Ratio Lower Upper
152 100
115 53.7 27.4 82.2
150 153.8 0.0 351.6

