

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111119\
 Data File : VD064179.D
 Acq On : 11 Nov 2019 15:47
 Operator : VA/SY
 Sample : K5749-01
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NORTH-BERGEN-1

Quant Time: Nov 12 03:16:09 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	344189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	585972	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	604204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	322201	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	218960	77.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	154.70%	
35) Dibromofluoromethane	7.91	113	191717	57.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.00%	
50) Toluene-d8	10.34	98	711645	56.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.16%	
62) 4-Bromofluorobenzene	12.64	95	290589	66.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.26%	

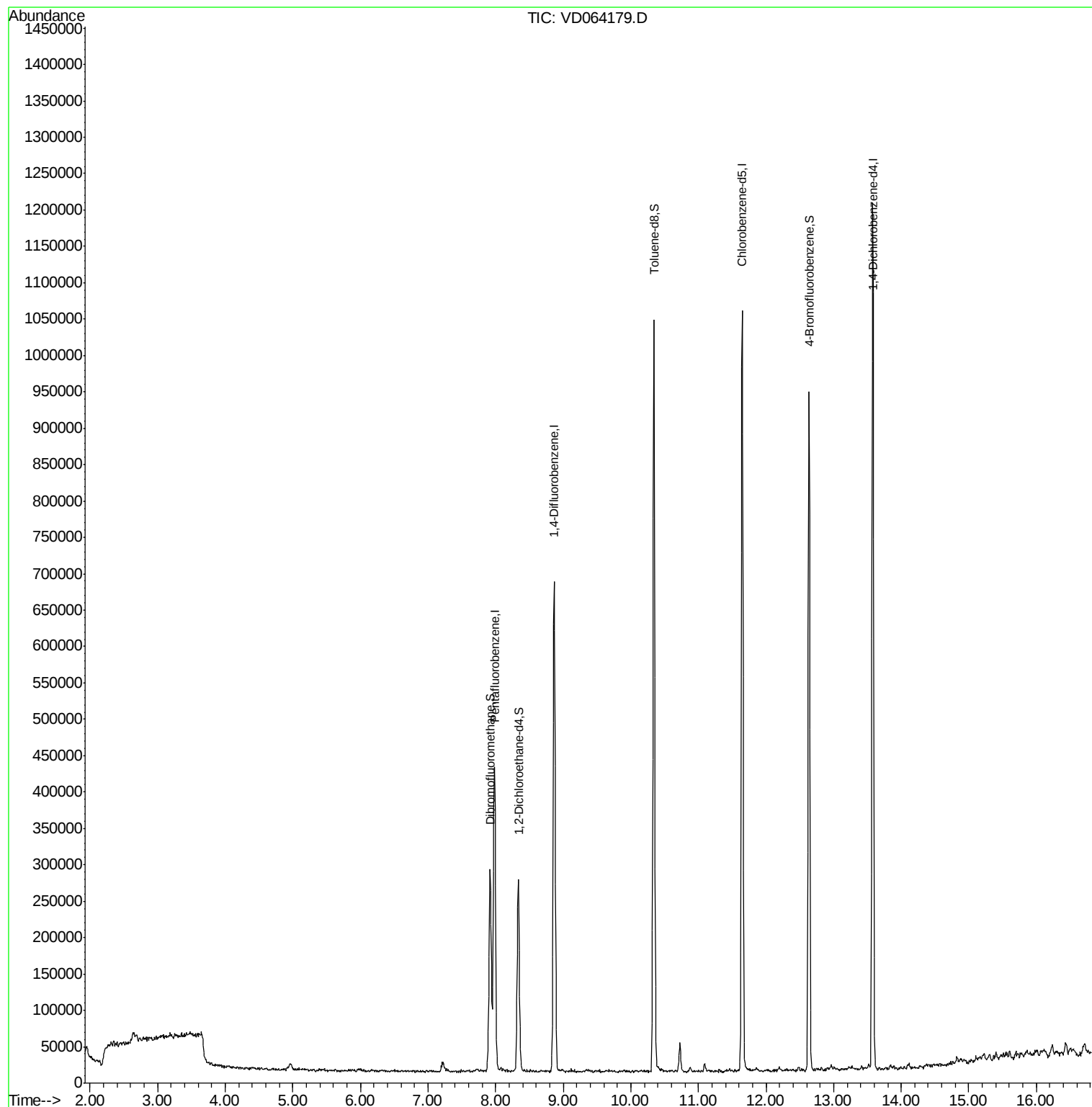
Target Compounds	Qvalue

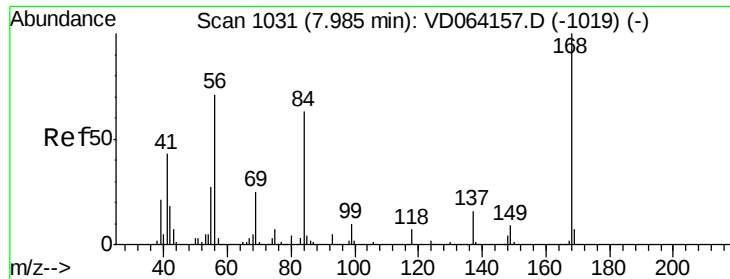
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 12 02:43:24 2019
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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: VD064179.D

Acq: 11 Nov 2019 15:47

Instrument :

MSVOA_D

ClientSampleId :

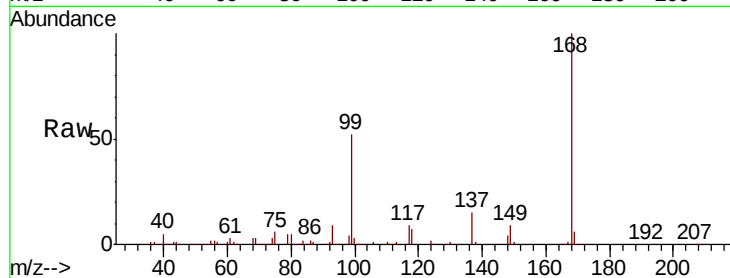
NORTH-BERGEN-1

Tot Ion:168 Resp: 344189

Ion Ratio Lower Upper

168 100

99 51.4 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

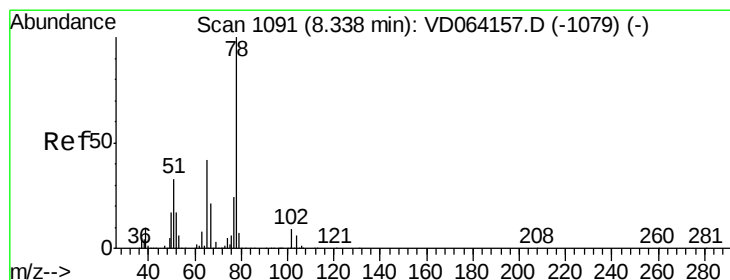
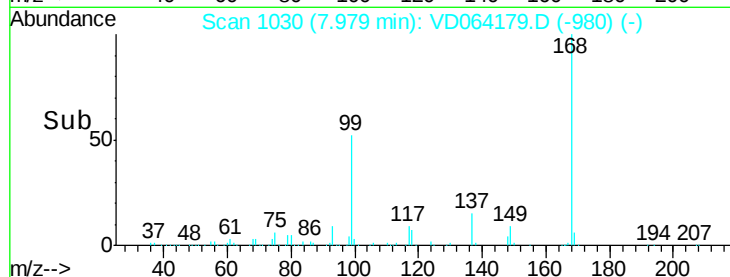
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 77.350 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064179.D

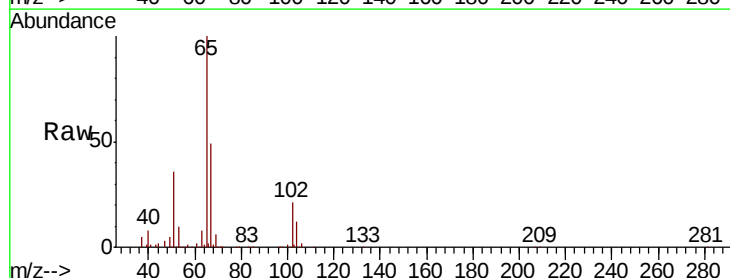
Acq: 11 Nov 2019 15:47

Tgt Ion: 65 Resp: 218960

Ion Ratio Lower Upper

65 100

67 50.7 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

100000

80000

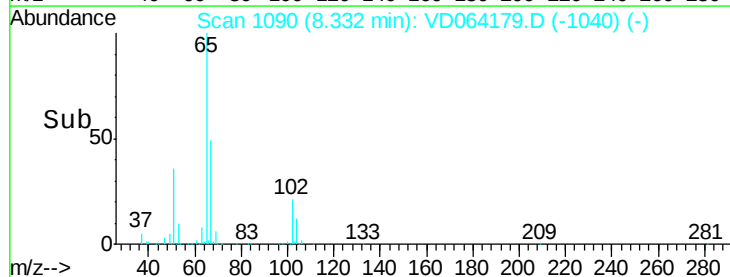
60000

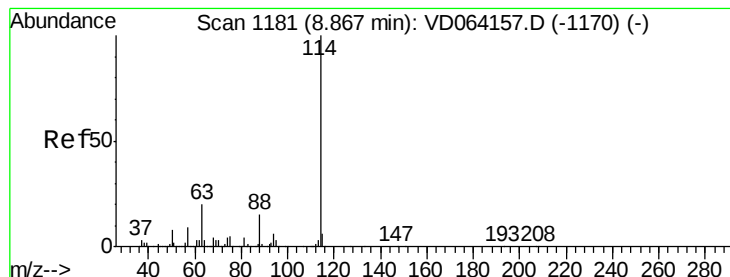
40000

20000

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: VD064179.D

Acq: 11 Nov 2019 15:47

Instrument :

MSVOA_D

ClientSampleId :

NORTH-BERGEN-1

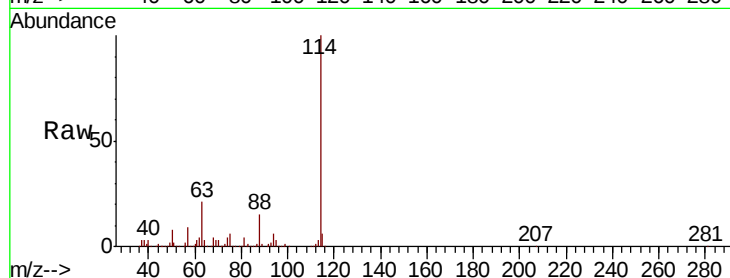
Tot Ion:114 Resp: 585972

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

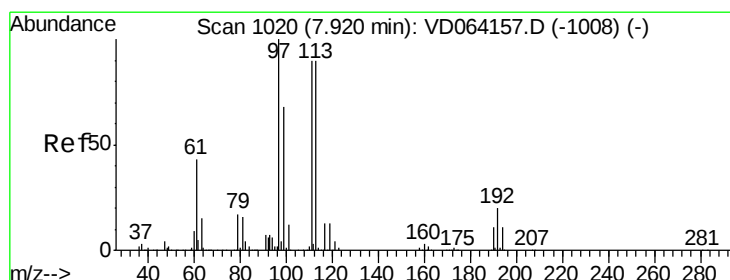
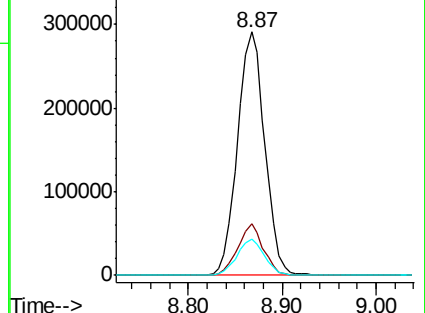
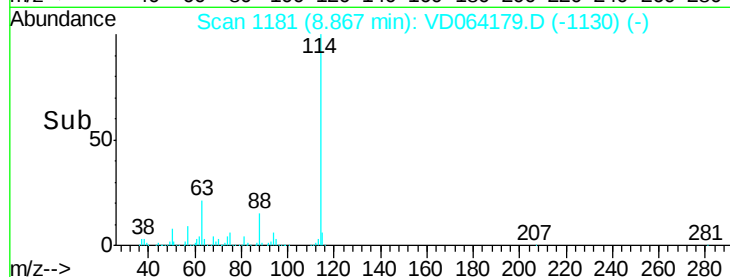
88 14.8 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 56.998 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD064179.D

Acq: 11 Nov 2019 15:47

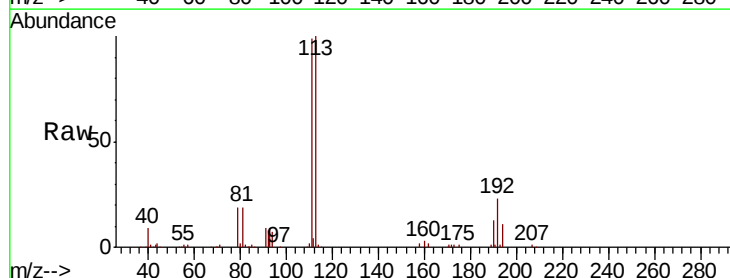
Tgt Ion:113 Resp: 191717

Ion Ratio Lower Upper

113 100

111 103.1 81.5 122.3

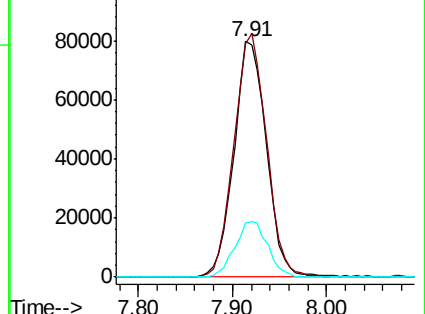
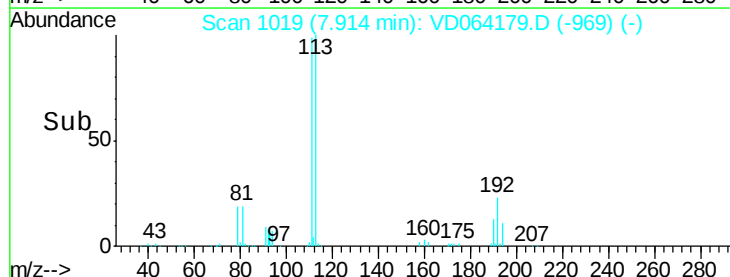
192 23.7 18.8 28.2

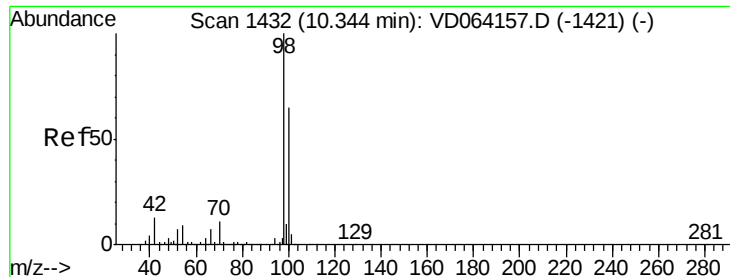


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 56.084 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064179.D

Acq: 11 Nov 2019 15:47

Instrument :

MSVOA_D

ClientSampleId :

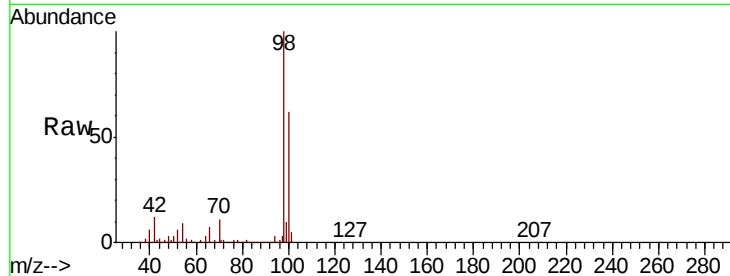
NORTH-BERGEN-1

Tot Ion: 98 Resp: 711645

Ion Ratio Lower Upper

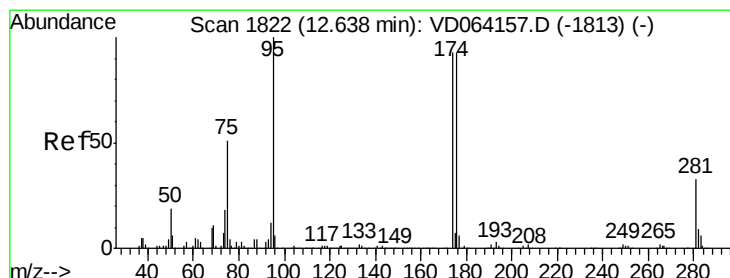
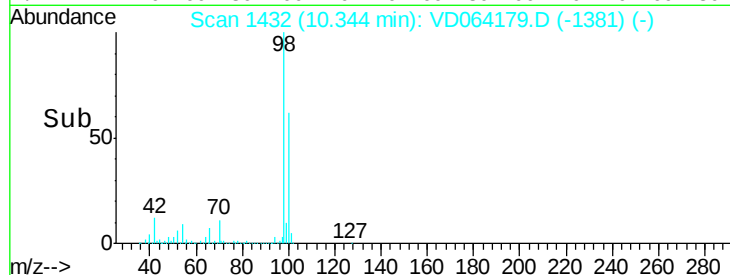
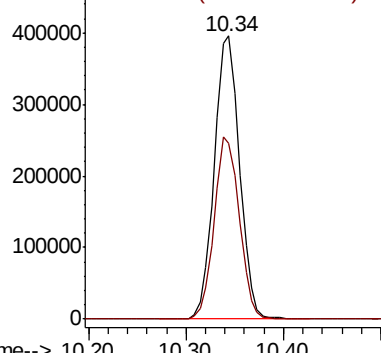
98 100

100 64.1 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: 66.130 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064179.D

Acq: 11 Nov 2019 15:47

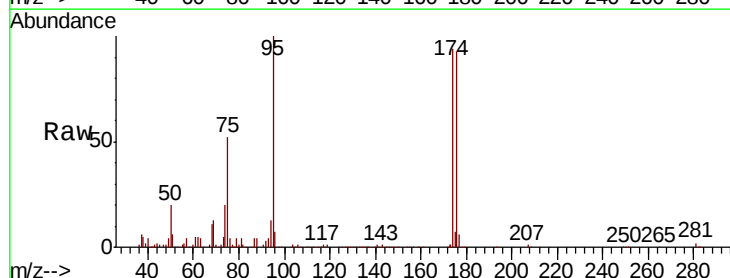
Tgt Ion: 95 Resp: 290589

Ion Ratio Lower Upper

95 100

174 93.4 0.0 183.6

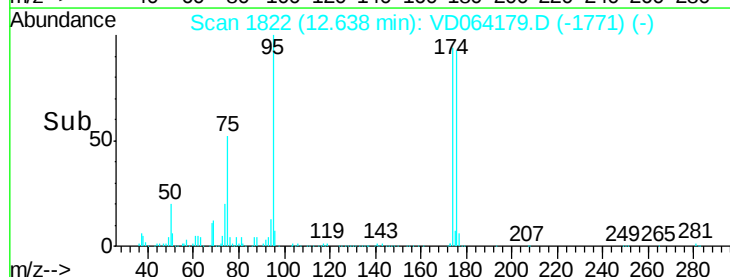
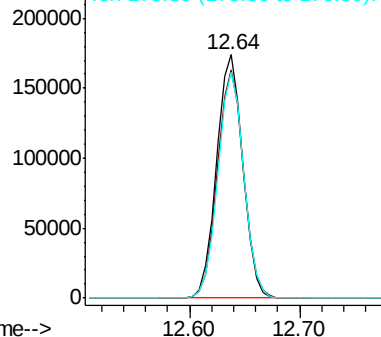
176 91.8 0.0 180.2



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

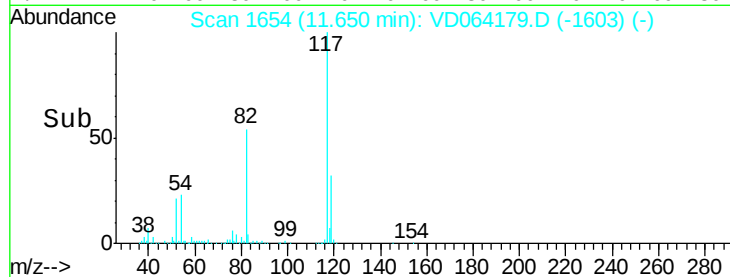
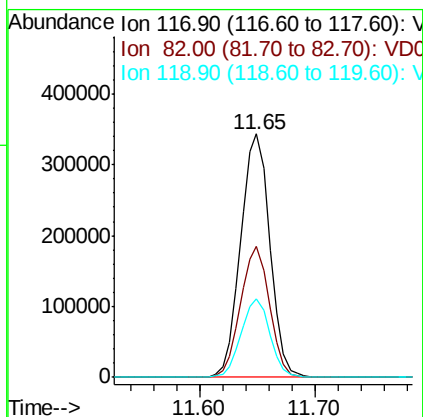
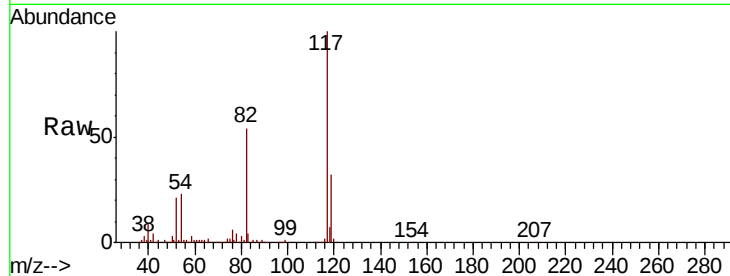




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064179.D
Acq: 11 Nov 2019 15:47

Instrument :
MSVOA_D
ClientSampleId :
NORTH-BERGEN-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.8	64.2
119	32.4	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: VD064179.D
Acq: 11 Nov 2019 15:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	27.4	82.2
150	157.8	0.0	351.6

