

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111519\
 Data File : VD064228.D
 Acq On : 15 Nov 2019 15:35
 Operator : VA/SY
 Sample : K5864-05
 Misc : 4.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-7.5-8.0

Quant Time: Nov 16 05:53:33 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	874349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1311595	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1155366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	572083	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	387056	53.83	ug/l	0.00
Spiked Amount						
			Recovery	=	107.66%	
35) Dibromofluoromethane	7.92	113	397222	52.76	ug/l	0.00
Spiked Amount						
			Recovery	=	105.52%	
50) Toluene-d8	10.34	98	1541530	54.28	ug/l	0.00
Spiked Amount						
			Recovery	=	108.56%	
62) 4-Bromofluorobenzene	12.64	95	507863	51.63	ug/l	0.00
Spiked Amount						
			Recovery	=	103.26%	

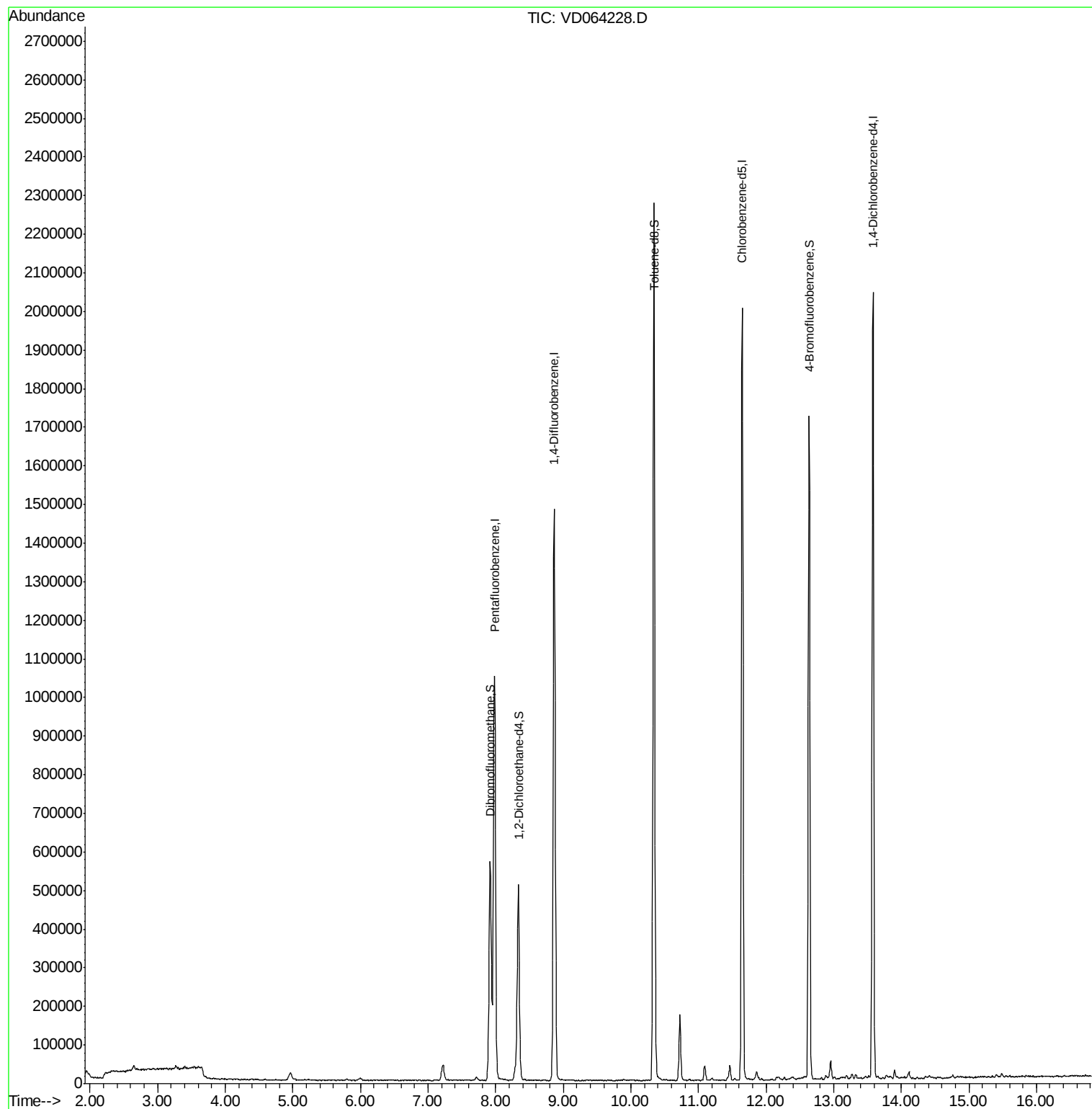
Target Compounds	Qvalue

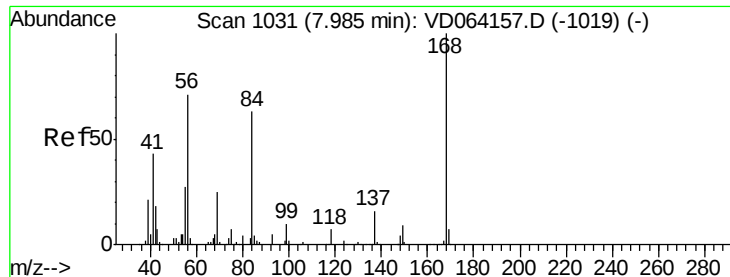
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064228.D

Acq: 15 Nov 2019 15:35

Instrument :

MSVOA_D

ClientSampleId :

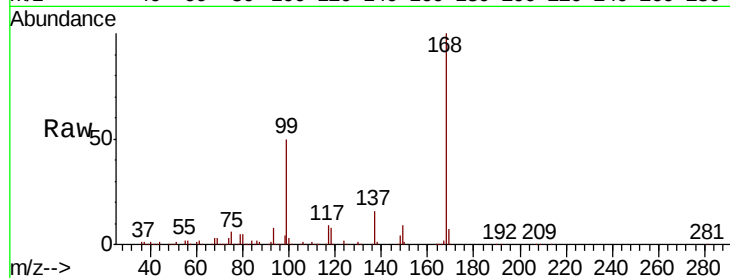
SB-03-7.5-8.0

Tot Ion:168 Resp: 874349

Ion Ratio Lower Upper

168 100

99 50.0 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

400000

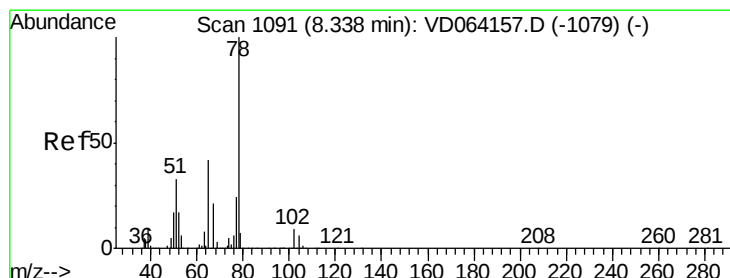
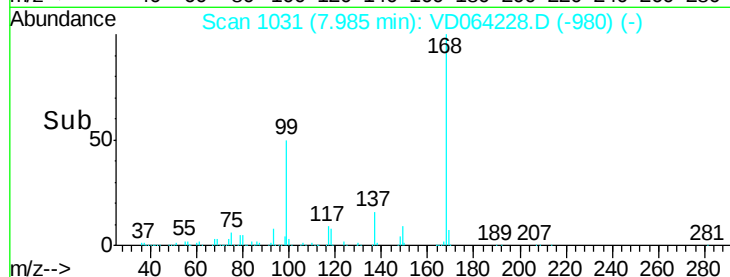
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.825 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064228.D

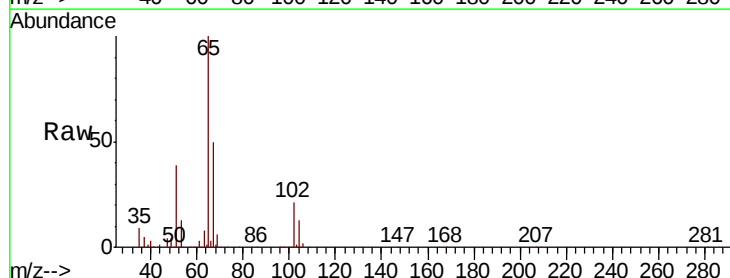
Acq: 15 Nov 2019 15:35

Tgt Ion: 65 Resp: 387056

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

200000

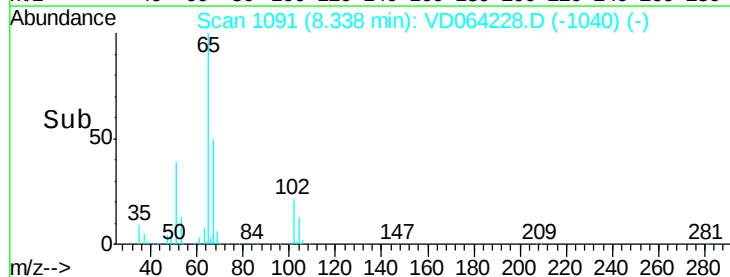
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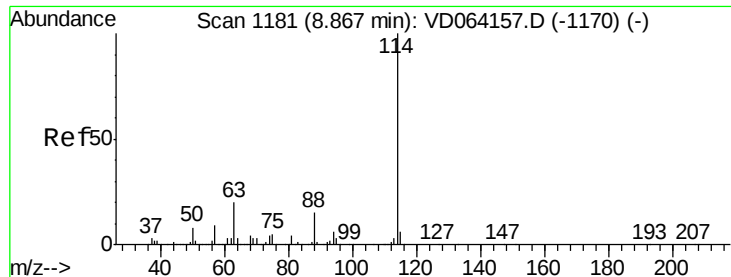
100000

50000

0

Time-->

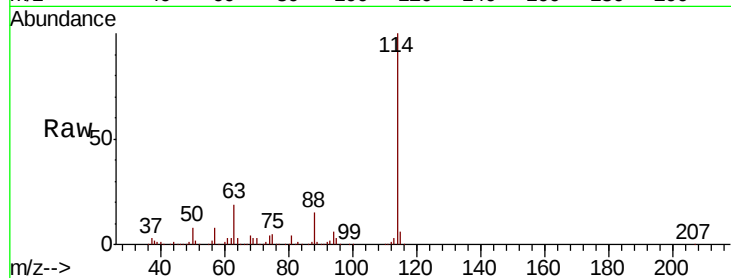




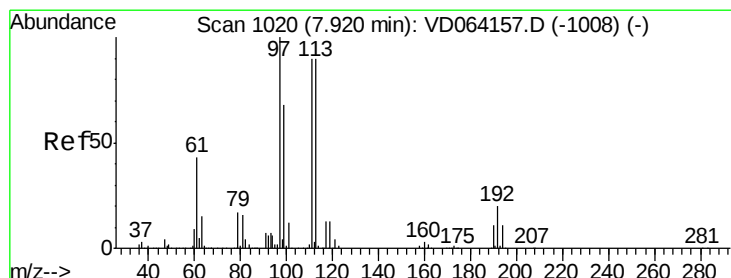
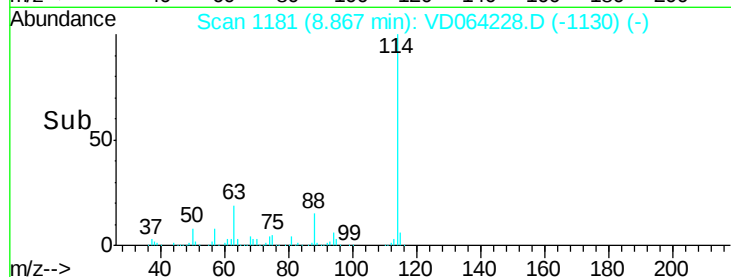
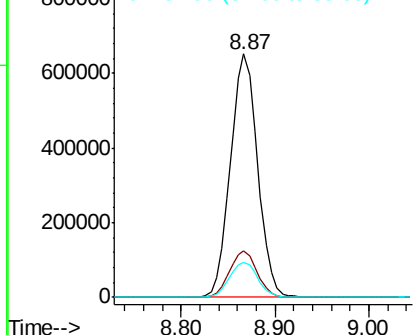
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064228.D
Acq: 15 Nov 2019 15:35

Instrument :
MSVOA_D
ClientSampleId :
SB-03-7.5-8.0

Tot Ion:114 Resp: 1311595
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.0
88 14.6 0.0 30.2

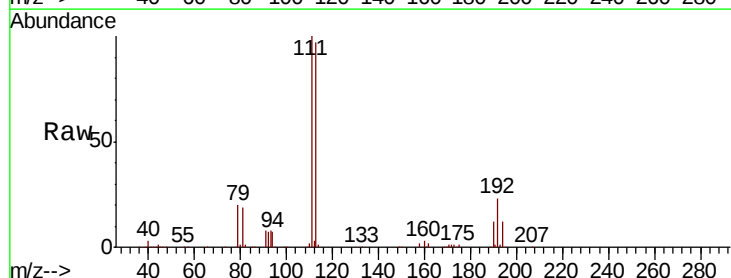


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VDC
Ion 87.90 (87.60 to 88.60): VDC

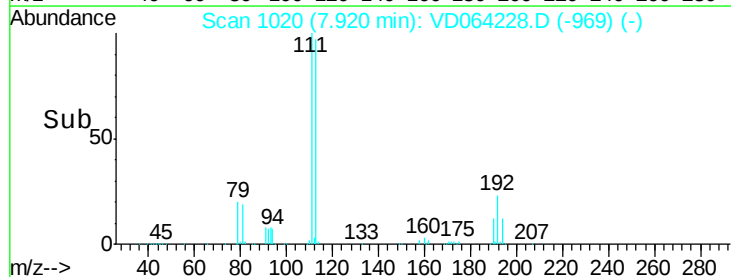
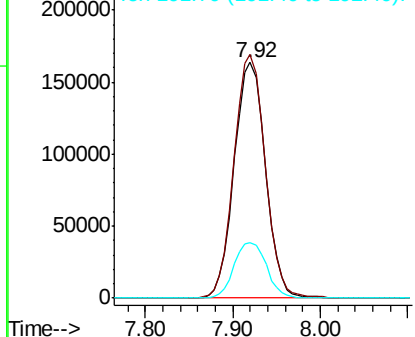


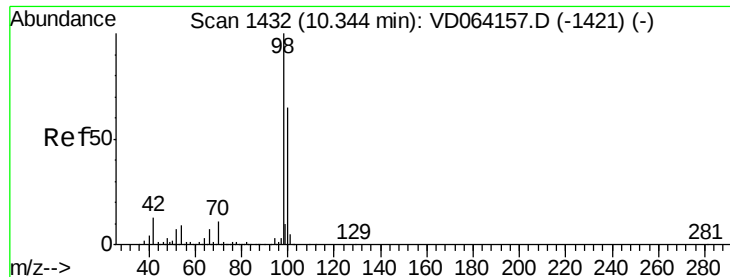
#35
Dibromofluoromethane
Concen: 52.761 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064228.D
Acq: 15 Nov 2019 15:35

Tgt Ion:113 Resp: 397222
Ion Ratio Lower Upper
113 100
111 103.1 81.5 122.3
192 24.3 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: 54.276 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064228.D

Acq: 15 Nov 2019 15:35

Instrument :

MSVOA_D

ClientSampleId :

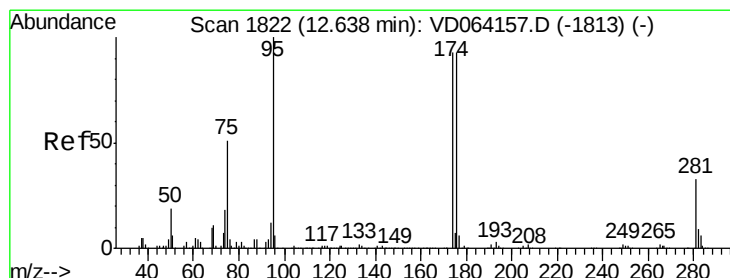
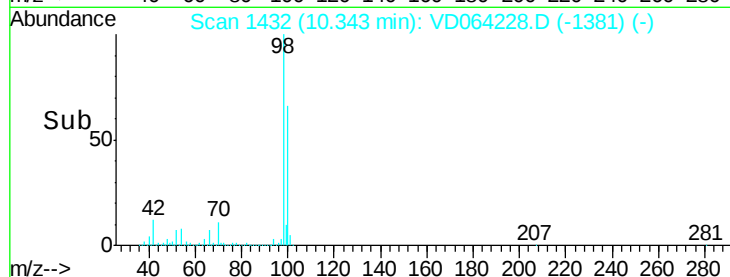
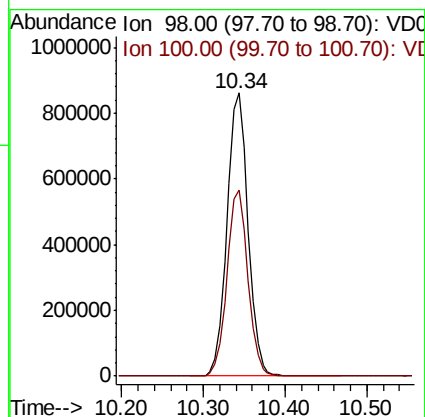
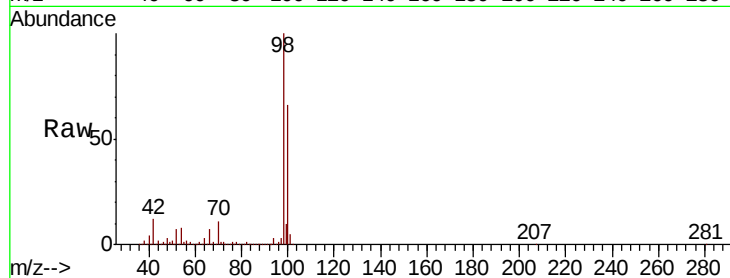
SB-03-7.5-8.0

Tot Ion: 98 Resp: 1541530

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 51.635 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064228.D

Acq: 15 Nov 2019 15:35

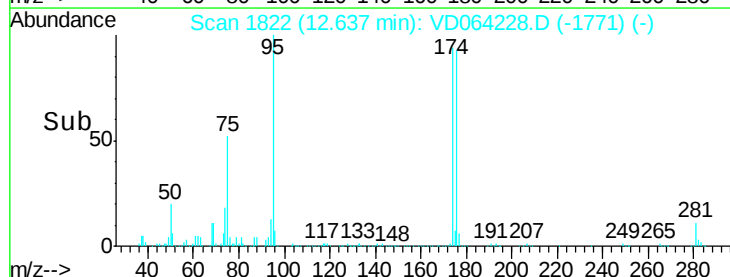
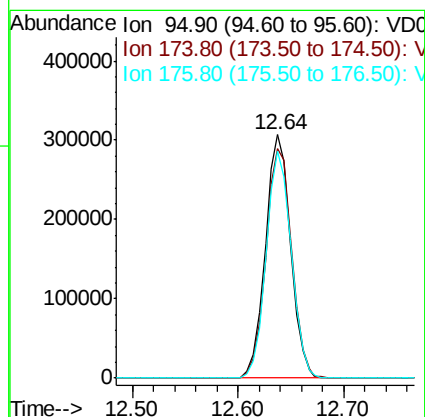
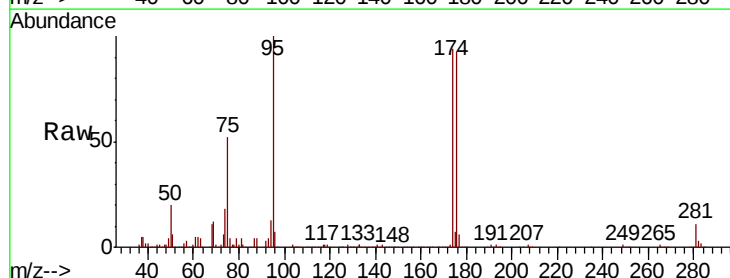
Tgt Ion: 95 Resp: 507863

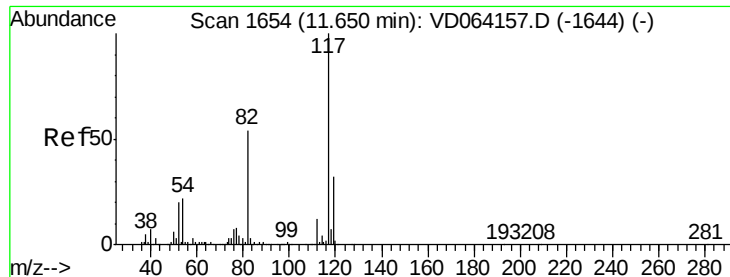
Ion Ratio Lower Upper

95 100

174 96.2 0.0 183.6

176 93.0 0.0 180.2

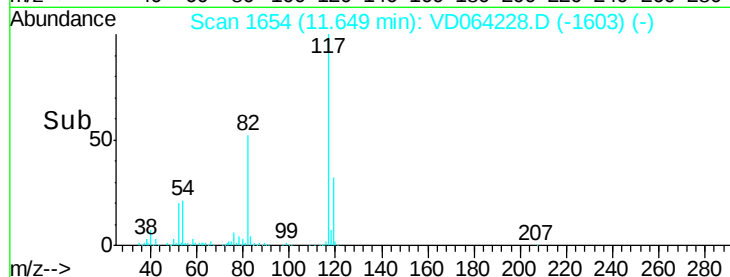
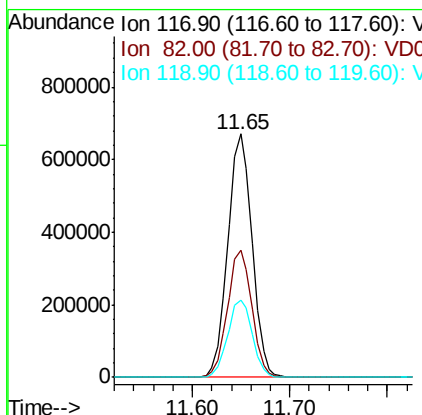
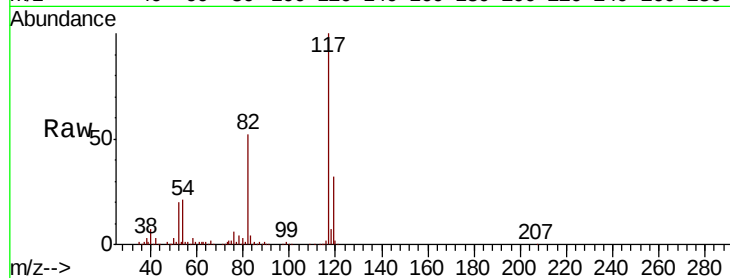




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064228.D
Acq: 15 Nov 2019 15:35

Instrument :
MSVOA_D
ClientSampleId :
SB-03-7.5-8.0

Tot Ion:117 Resp: 1155366
Ion Ratio Lower Upper
117 100
82 52.3 42.8 64.2
119 31.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064228.D
Acq: 15 Nov 2019 15:35

Tgt Ion:152 Resp: 572083
Ion Ratio Lower Upper
152 100
115 54.1 27.4 82.2
150 156.1 0.0 351.6

