

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112019\
 Data File : VD064313.D
 Acq On : 20 Nov 2019 15:18
 Operator : VA/SY
 Sample : K5951-01
 Misc : 8.24G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 IRONBOUND-4FT

Quant Time: Nov 20 15:56:41 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	76950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	115225	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	105732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	57294	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	42415	67.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.04%	
35) Dibromofluoromethane	7.92	113	36157	54.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.34%	
50) Toluene-d8	10.34	98	131444	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.64	95	46253	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	

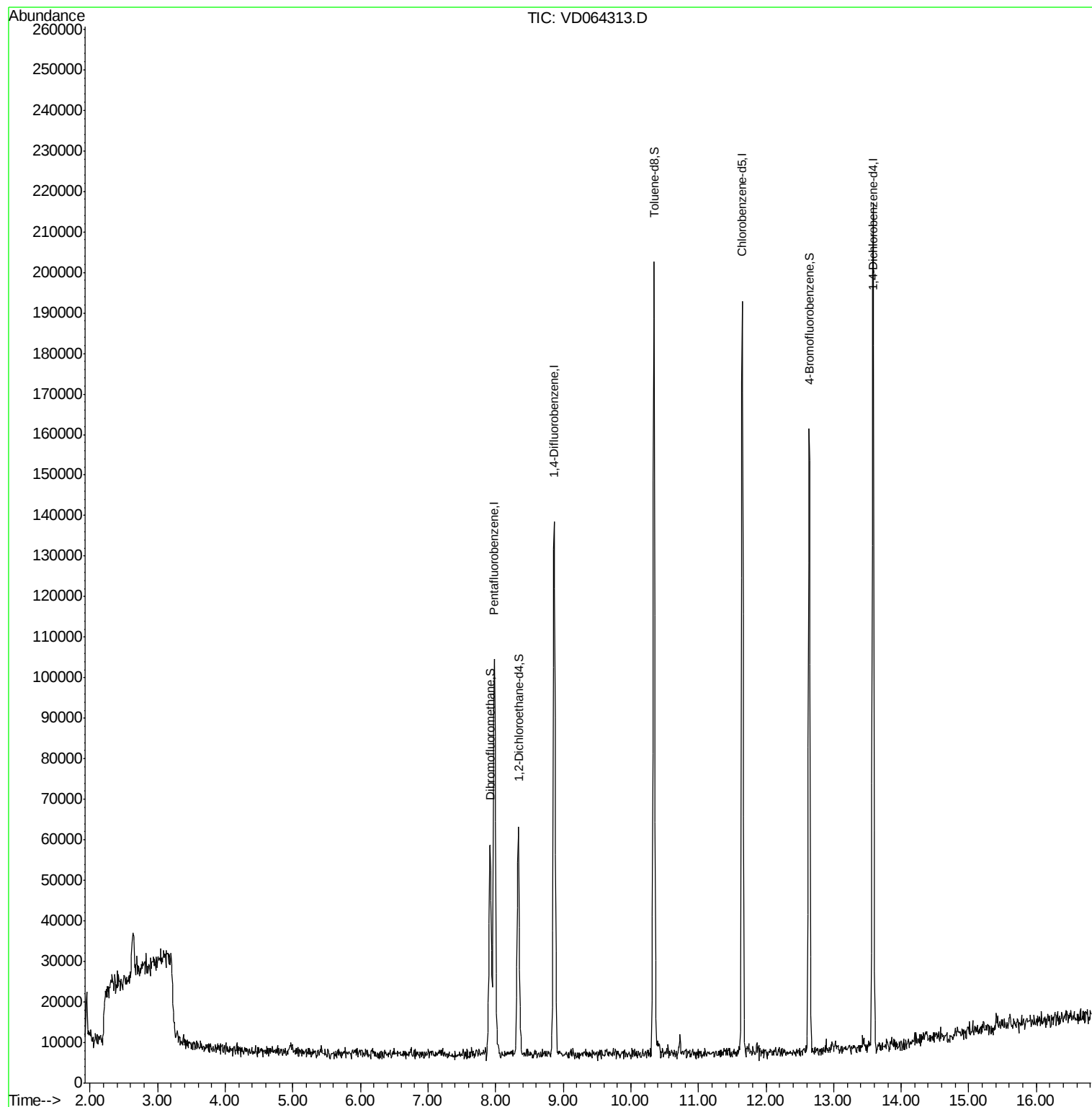
Target Compounds	Qvalue

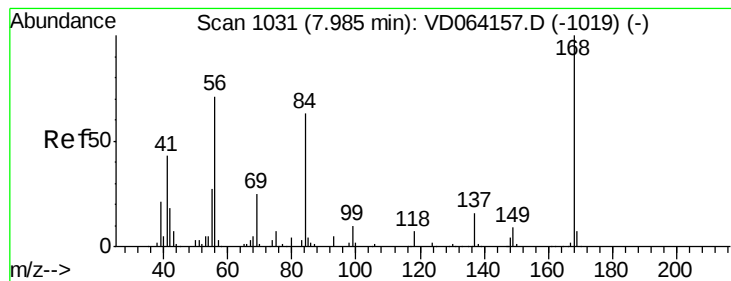
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064313.D

Acq: 20 Nov 2019 15:18

Instrument :

MSVOA_D

ClientSampleId :

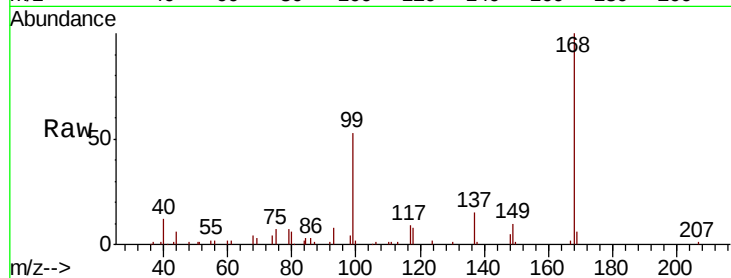
IRONBOUND-4FT

Tot Ion:168 Resp: 76950

Ion Ratio Lower Upper

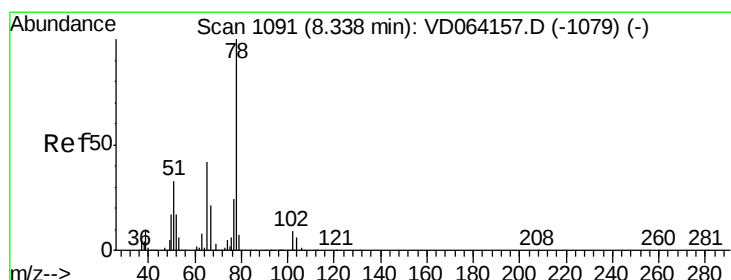
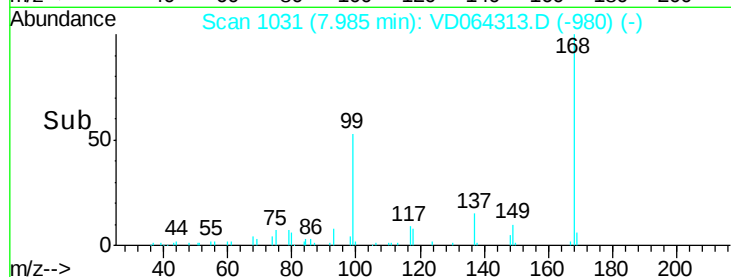
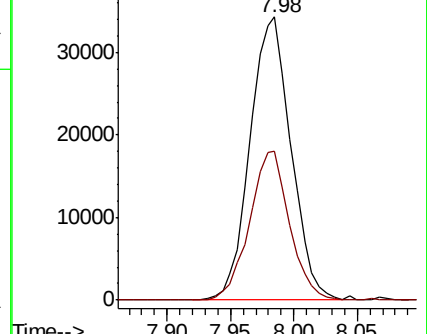
168 100

99 52.6 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 67.020 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064313.D

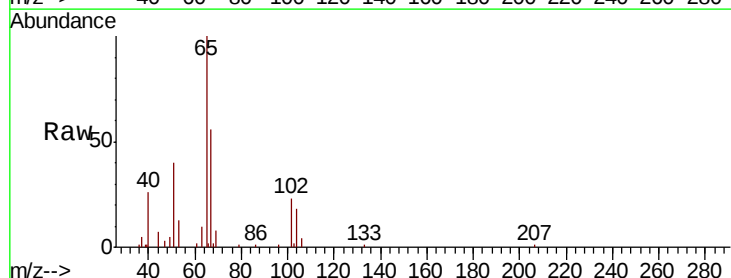
Acq: 20 Nov 2019 15:18

Tgt Ion: 65 Resp: 42415

Ion Ratio Lower Upper

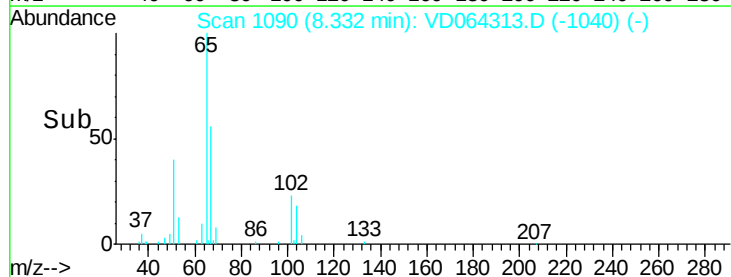
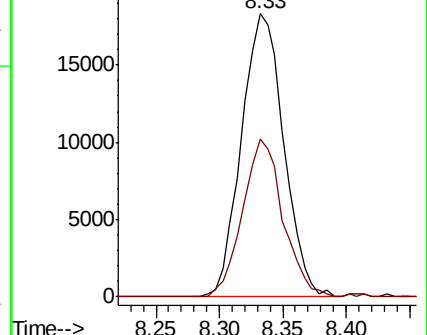
65 100

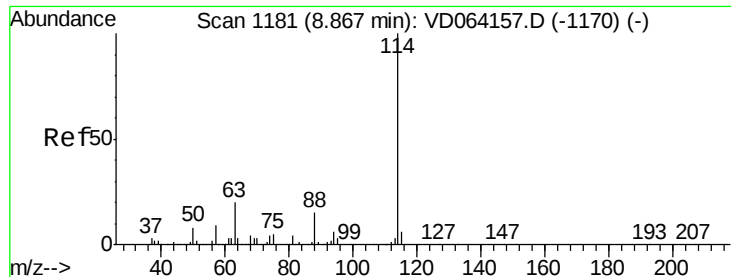
67 53.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

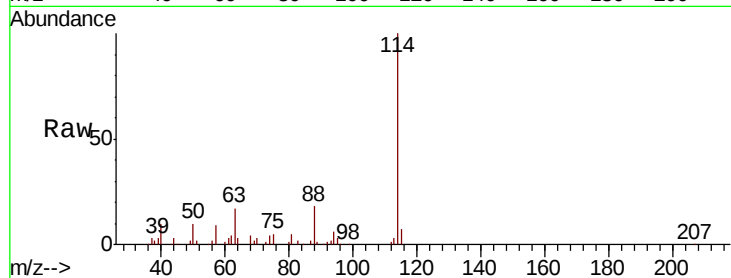




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064313.D
 Acq: 20 Nov 2019 15:18

Instrument :
 MSVOA_D
 ClientSampleId :
 IRONBOUND-4FT

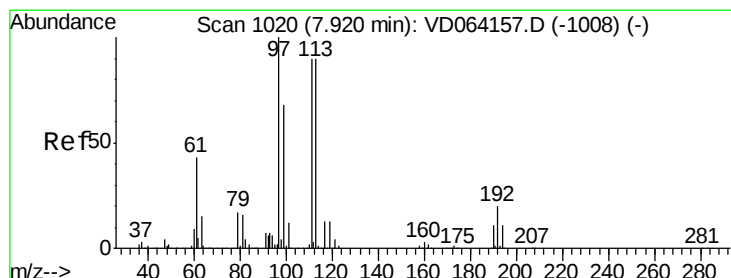
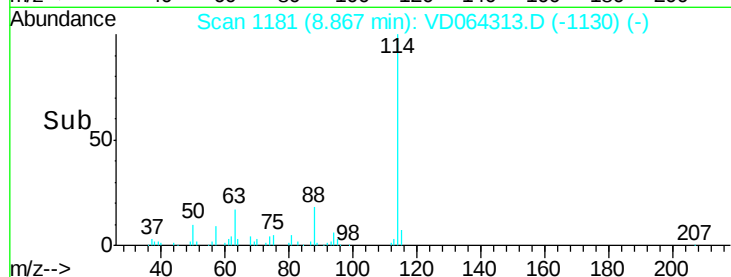
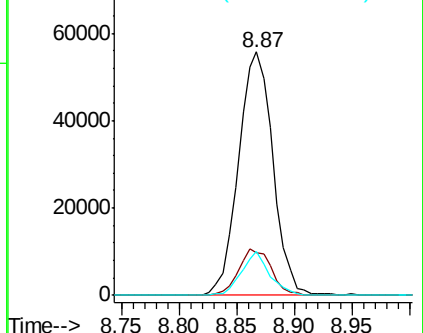
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	40.0
88	18.2	0.0	30.2



Abundance Ion 113.90 (113.60 to 114.60): V

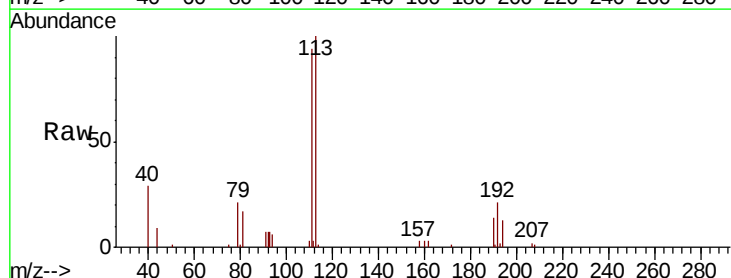
Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35
 Dibromofluoromethane
 Concen: 54.667 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064313.D
 Acq: 20 Nov 2019 15:18

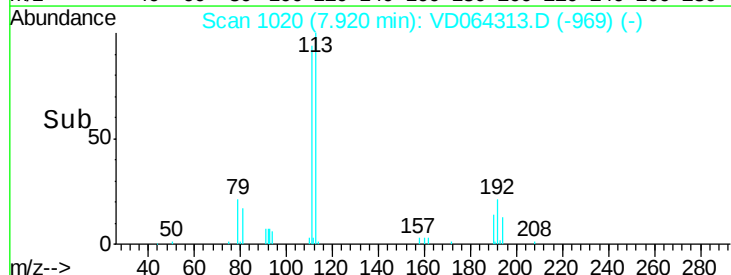
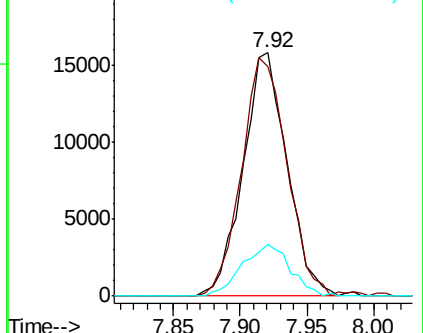
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.5	122.3
192	23.1	18.8	28.2



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: 52.680 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064313.D

Acq: 20 Nov 2019 15:18

Instrument :

MSVOA_D

ClientSampleId :

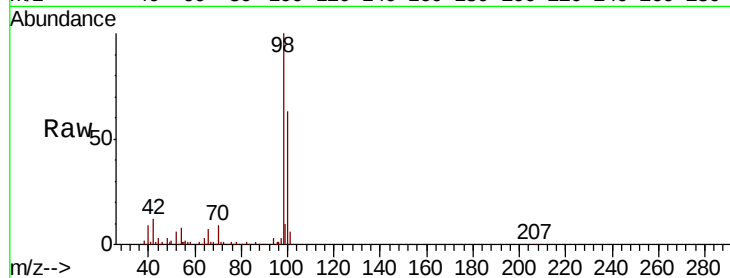
IRONBOUND-4FT

Tot Ion: 98 Resp: 131444

Ion Ratio Lower Upper

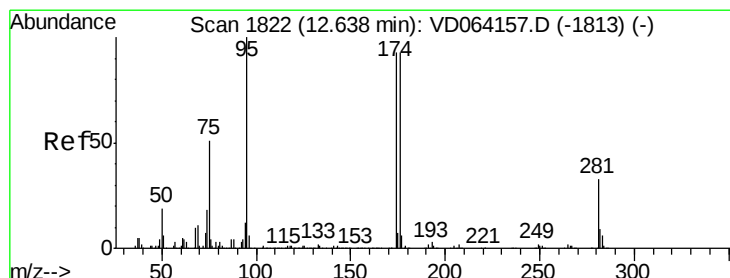
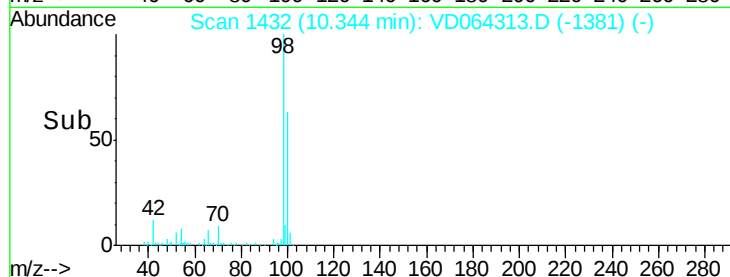
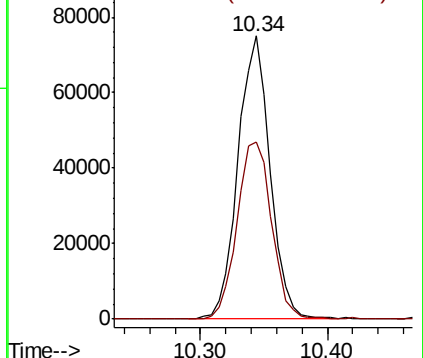
98 100

100 67.4 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: 53.529 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064313.D

Acq: 20 Nov 2019 15:18

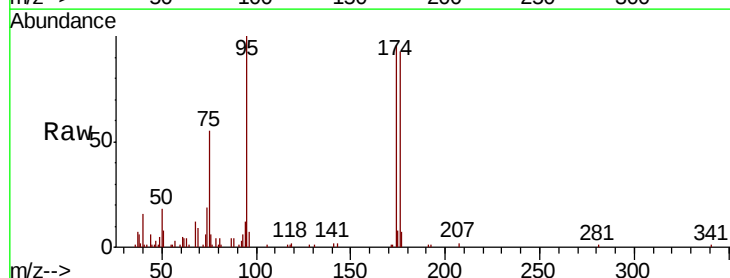
Tgt Ion: 95 Resp: 46253

Ion Ratio Lower Upper

95 100

174 97.9 0.0 183.6

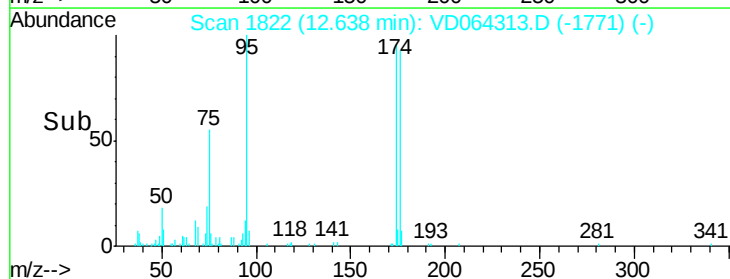
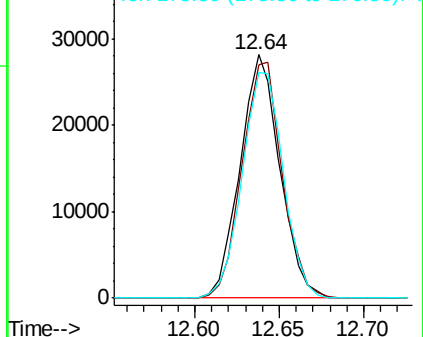
176 95.9 0.0 180.2

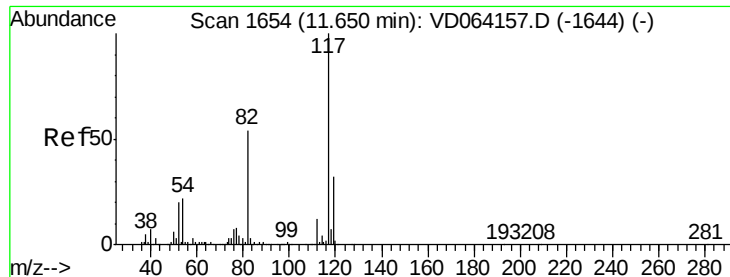


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

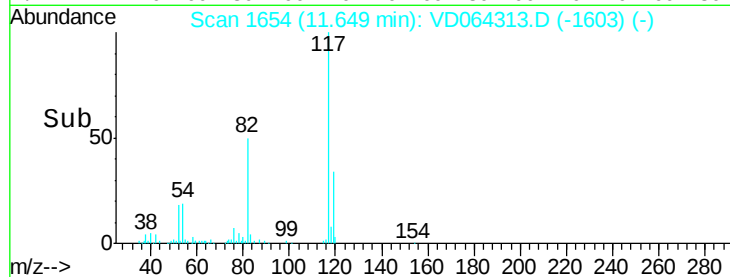
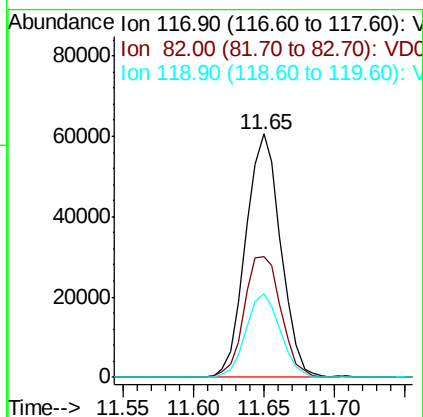
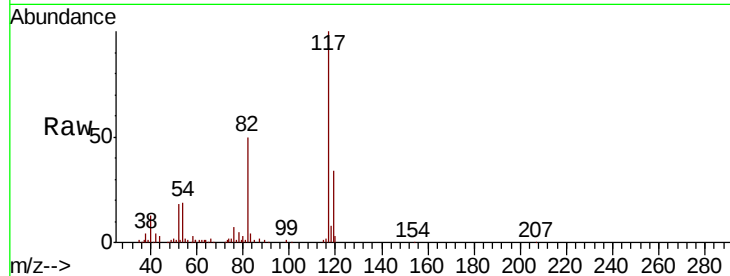




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Instrument :
MSVOA_D
ClientSampleId :
IRONBOUND-4FT

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.7	42.8	64.2
119	34.2	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: VD064313.D
Acq: 20 Nov 2019 15:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.4	82.2
150	153.3	0.0	351.6

