

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112019\
 Data File : VD064310.D
 Acq On : 20 Nov 2019 13:38
 Operator : VA/SY
 Sample : K5932-02
 Misc : 6.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1A-415

Quant Time: Nov 20 15:51:28 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	1005235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1441373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1247517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	591580	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	407313	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
35) Dibromofluoromethane	7.92	113	431670	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	10.34	98	1679977	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
62) 4-Bromofluorobenzene	12.64	95	531400	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	

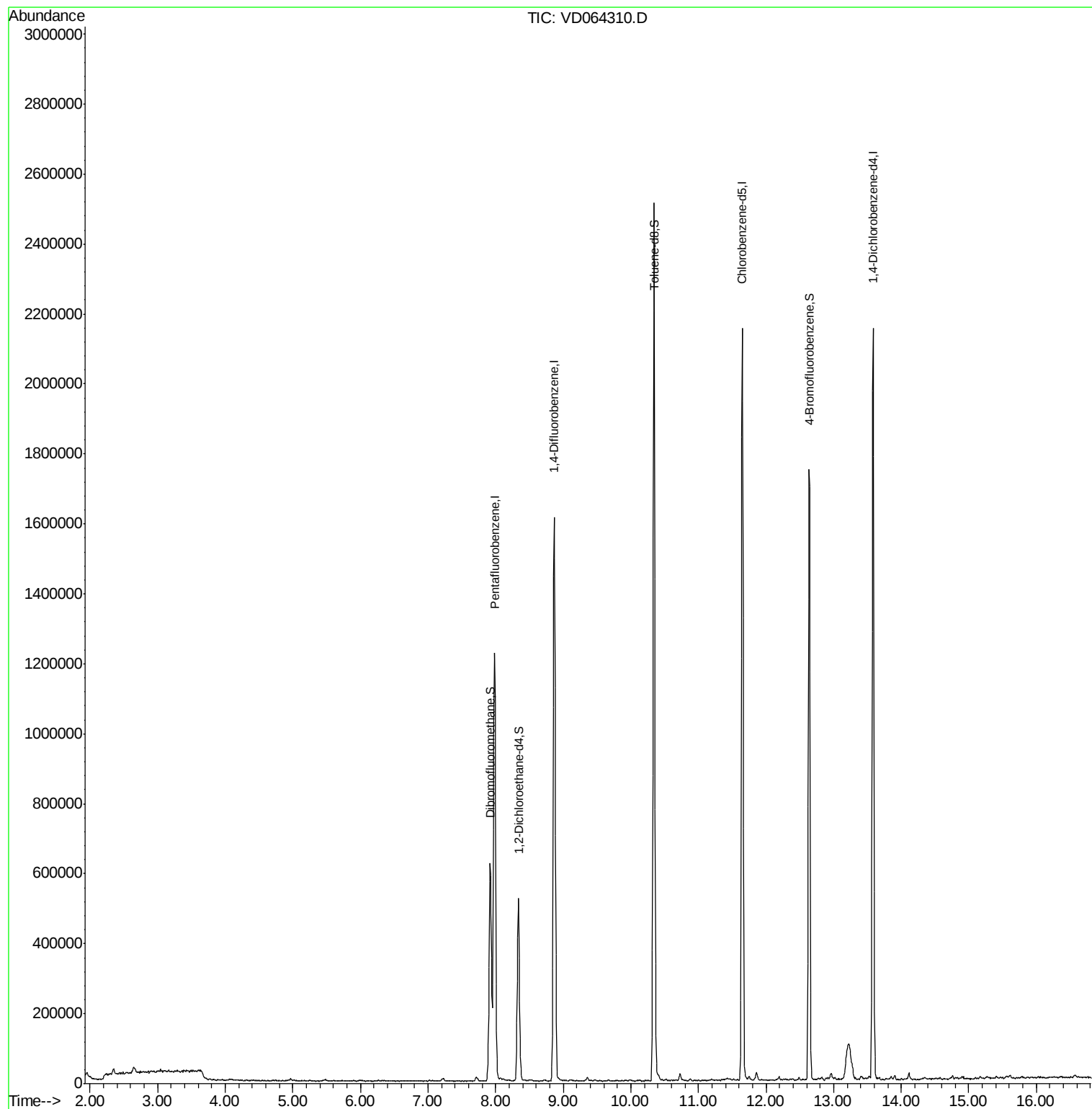
Target Compounds	Qvalue

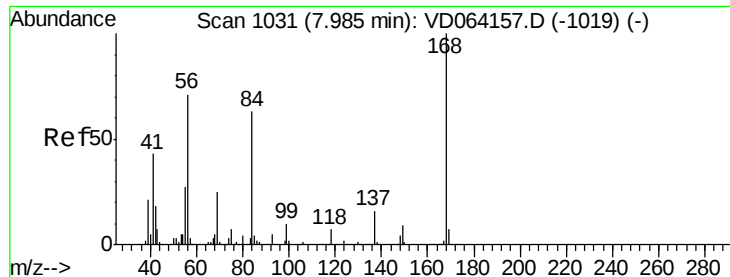
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064310.D

Acq: 20 Nov 2019 13:38

Instrument :

MSVOA_D

ClientSampleId :

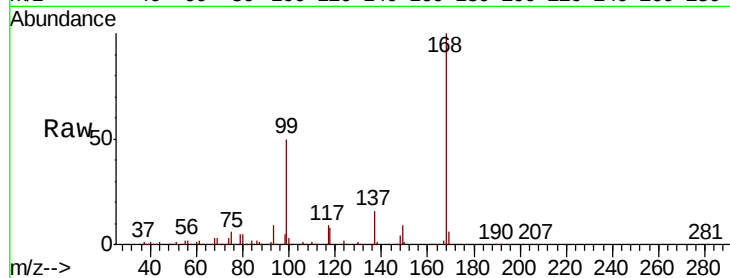
1A-415

Tot Ion:168 Resp: 1005235

Ion Ratio Lower Upper

168 100

99 50.1 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

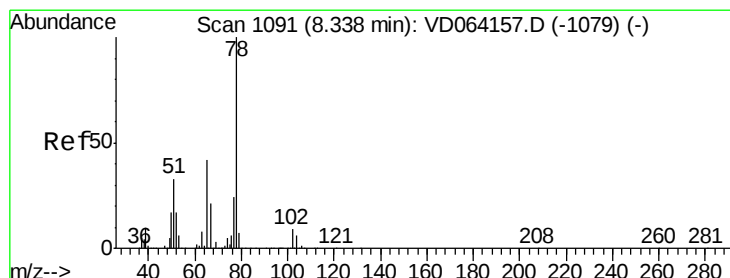
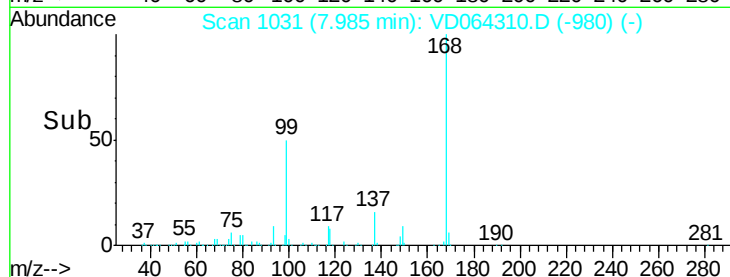
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.267 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064310.D

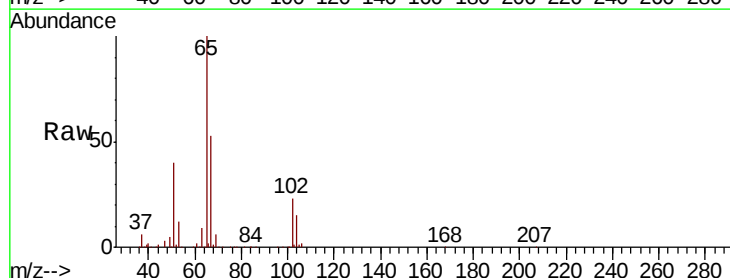
Acq: 20 Nov 2019 13:38

Tgt Ion: 65 Resp: 407313

Ion Ratio Lower Upper

65 100

67 51.9 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

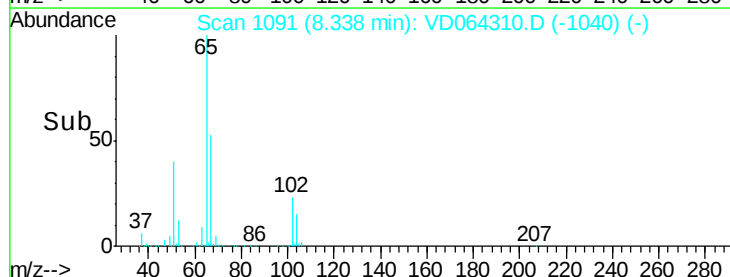
150000

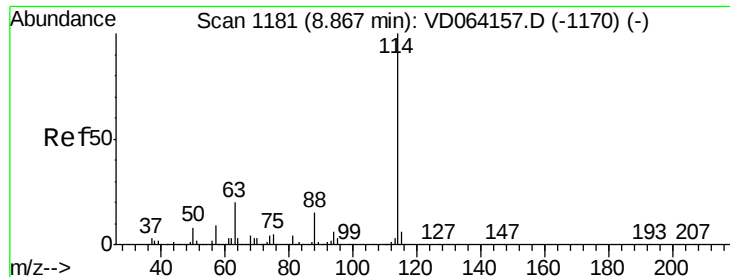
100000

50000

0

Time-->

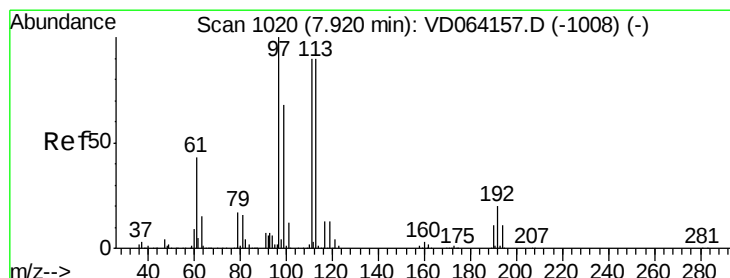
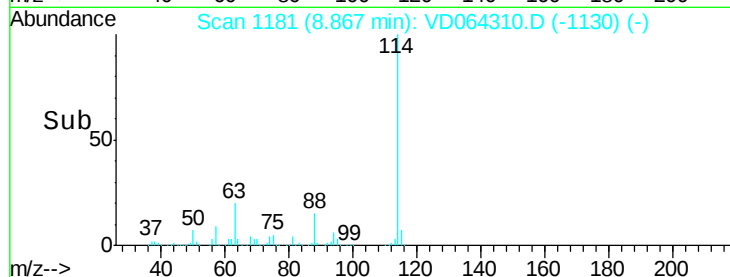
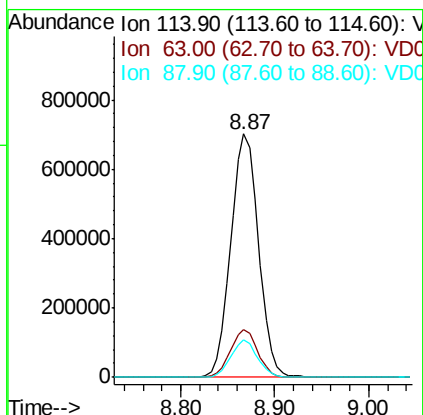
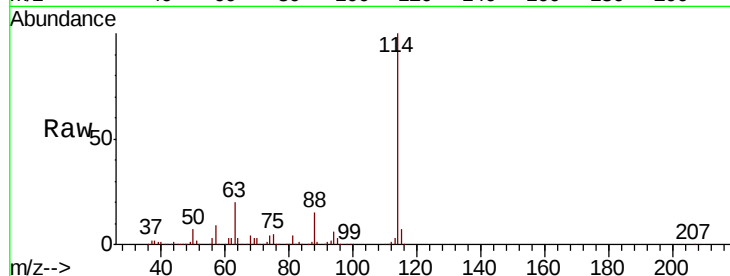




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064310.D
 Acq: 20 Nov 2019 13:38

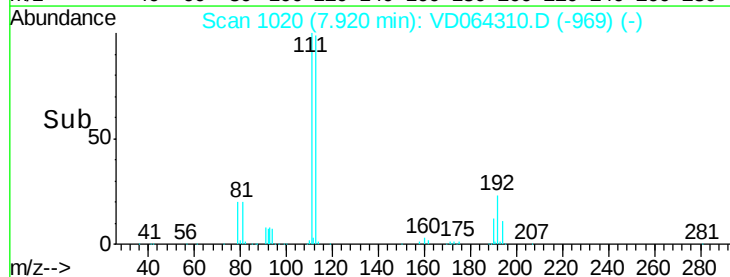
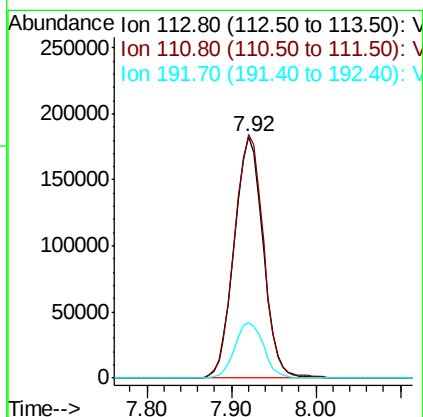
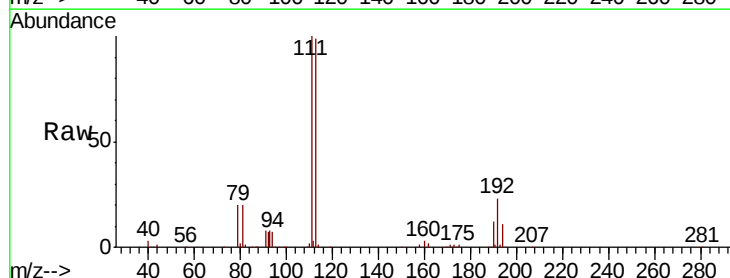
Instrument :
 MSVOA_D
 ClientSampleId :
 1A-415

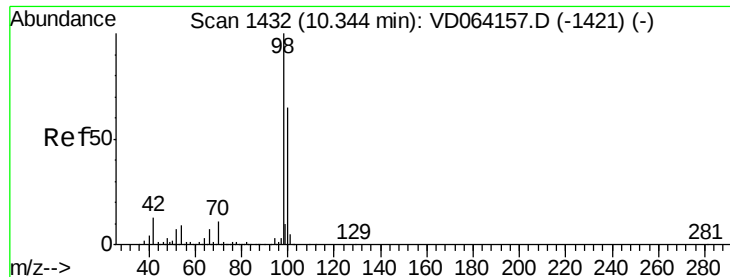
Tot Ion:114 Resp: 1441373
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.3 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 52.174 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064310.D
 Acq: 20 Nov 2019 13:38

Tgt Ion:113 Resp: 431670
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.5 122.3
 192 23.0 18.8 28.2





#50

Toluene-d8

Concen: 53.825 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064310.D

Acq: 20 Nov 2019 13:38

Instrument :

MSVOA_D

ClientSampleId :

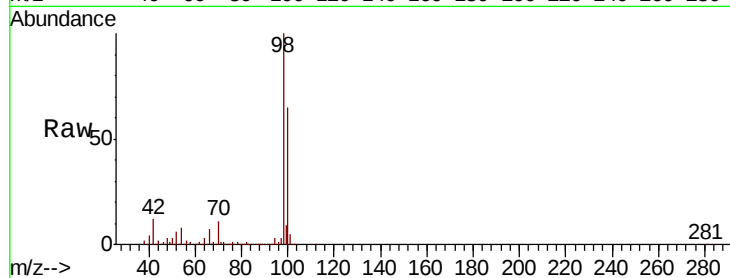
1A-415

Tot Ion: 98 Resp: 1679977

Ion Ratio Lower Upper

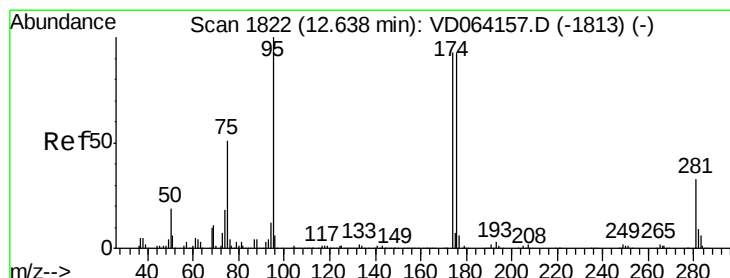
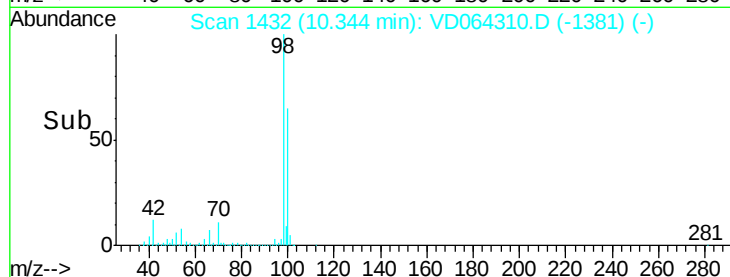
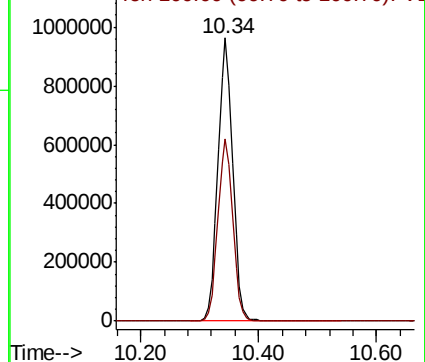
98 100

100 65.2 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: 49.163 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064310.D

Acq: 20 Nov 2019 13:38

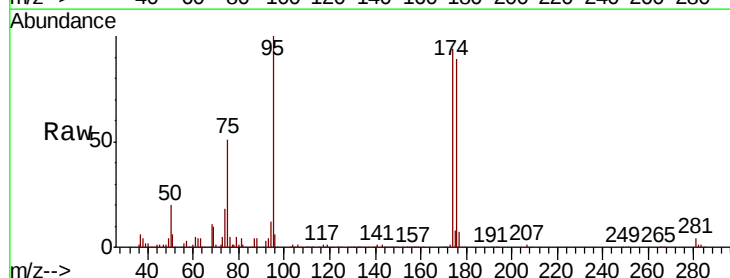
Tgt Ion: 95 Resp: 531400

Ion Ratio Lower Upper

95 100

174 96.6 0.0 183.6

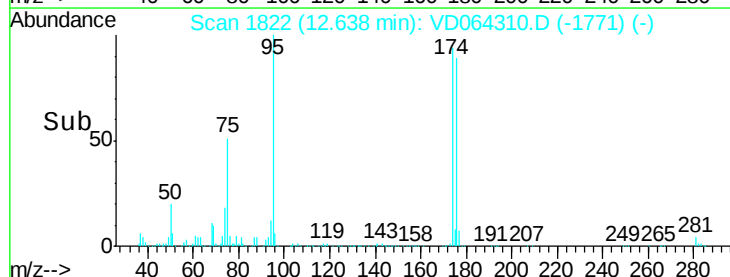
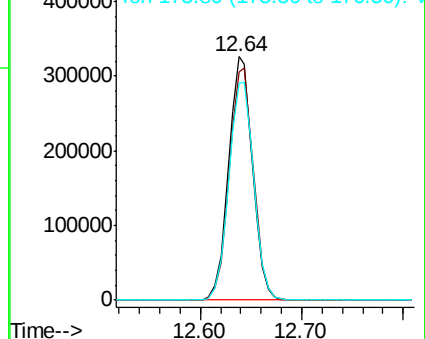
176 93.2 0.0 180.2

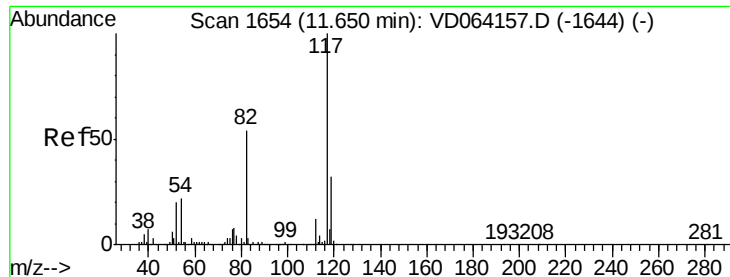


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

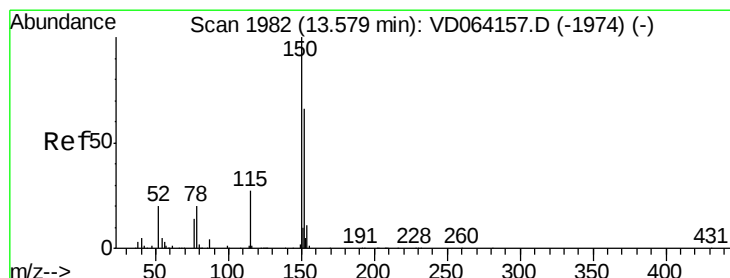
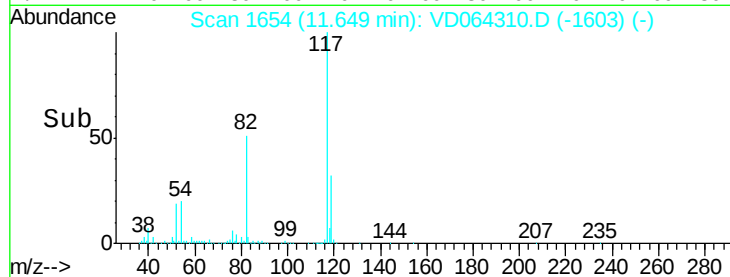
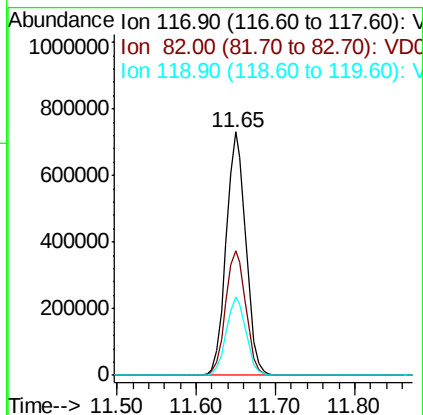
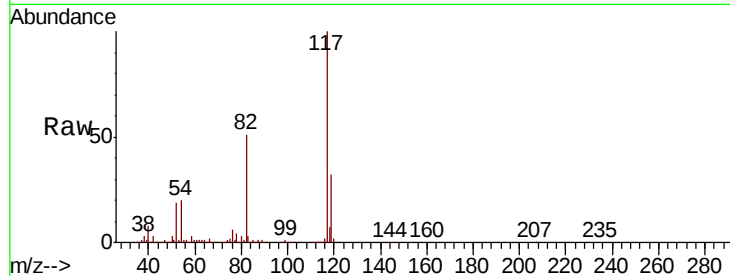




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064310.D
Acq: 20 Nov 2019 13:38

Instrument :
MSVOA_D
ClientSampleId :
1A-415

Tot Ion:117 Resp: 1247517
Ion Ratio Lower Upper
117 100
82 51.3 42.8 64.2
119 32.2 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: VD064310.D
Acq: 20 Nov 2019 13:38

Tgt Ion:152 Resp: 591580
Ion Ratio Lower Upper
152 100
115 54.6 27.4 82.2
150 156.3 0.0 351.6

