

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111519\
 Data File : VD064252.D
 Acq On : 16 Nov 2019 04:54
 Operator : VA/SY
 Sample : K5861-10
 Misc : 5.37G/5.00ml/MSVOA D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-10

Quant Time: Nov 18 02:45:56 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	994940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1408269	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1221971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	597095	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	420923	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
35) Dibromofluoromethane	7.92	113	427695	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.82%	
50) Toluene-d8	10.34	98	1638324	53.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.44%	
62) 4-Bromofluorobenzene	12.64	95	523023	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	

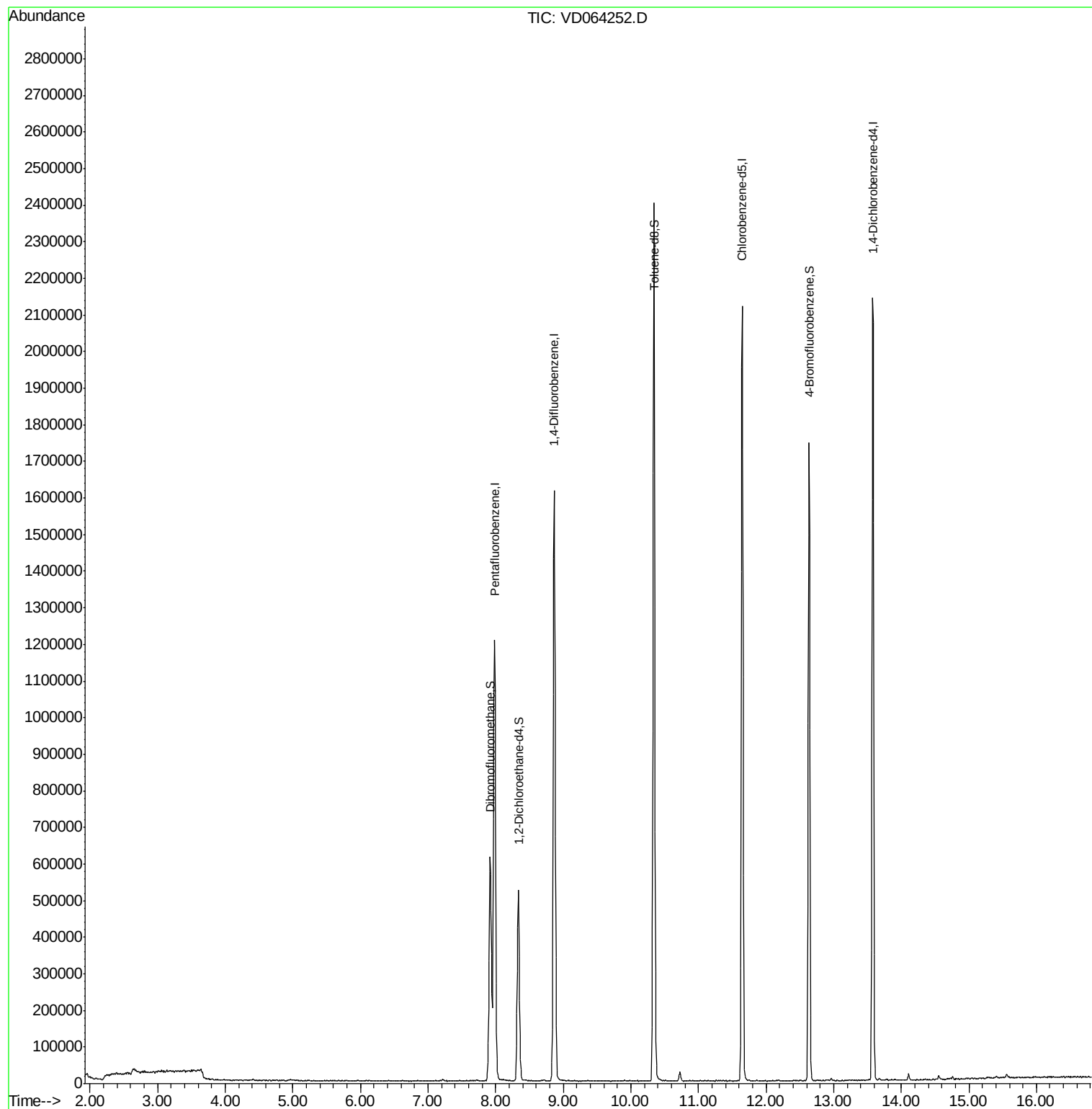
Target Compounds Qvalue

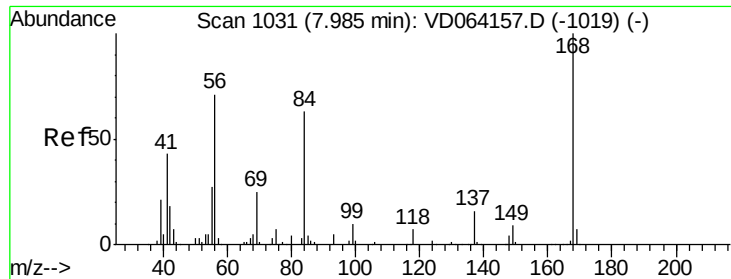
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111519\
Data File : VD064252.D
Acq On : 16 Nov 2019 04:54
Operator : VA/SY
Sample : K5861-10
Misc : 5.37G/5.00ml/MSVOA D/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EP-10

Quant Time: Nov 18 02:45:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
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: VD064252.D

Acq: 16 Nov 2019 04:54

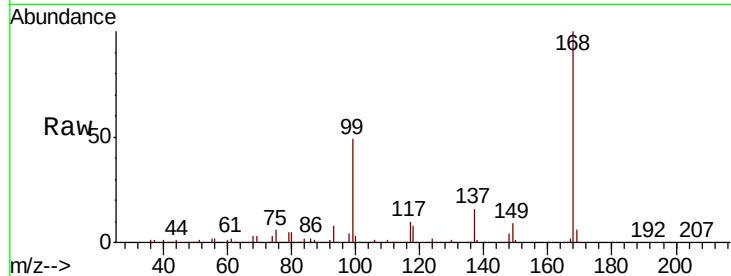
Instrument :
MSVOA_D
ClientSampleId :
EP-10

Tot Ion:168 Resp: 994940

Ion Ratio Lower Upper

168 100

99 49.1 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

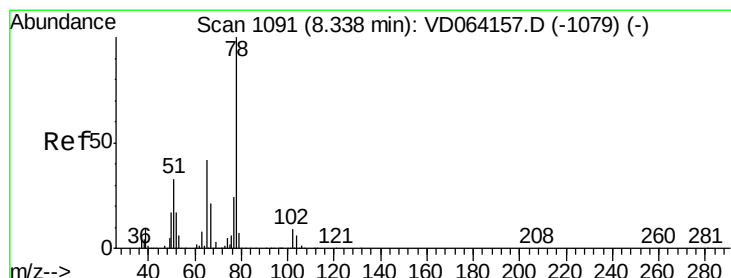
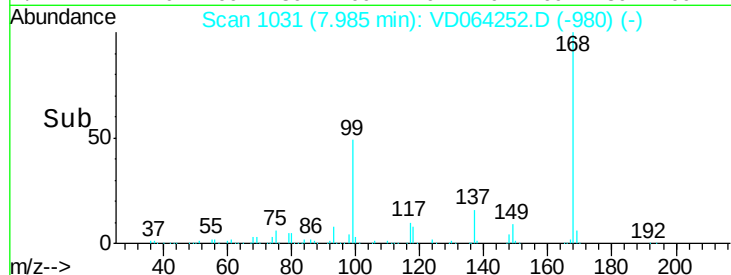
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.440 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064252.D

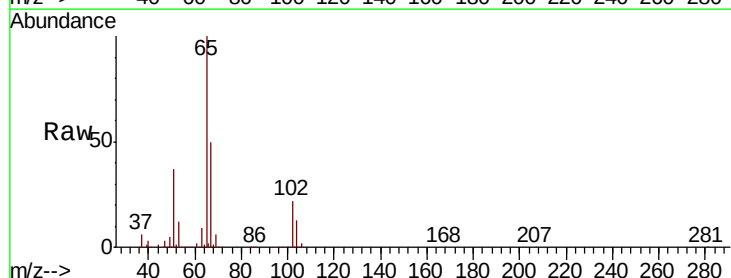
Acq: 16 Nov 2019 04:54

Tgt Ion: 65 Resp: 420923

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

8.34

200000

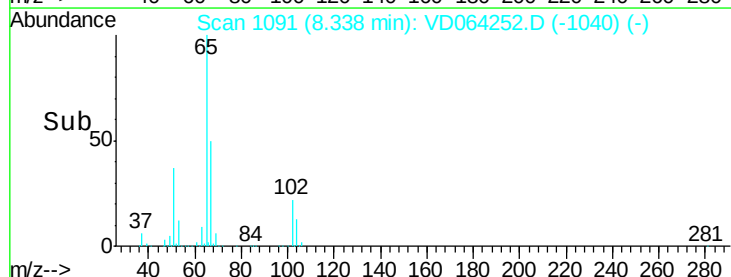
150000

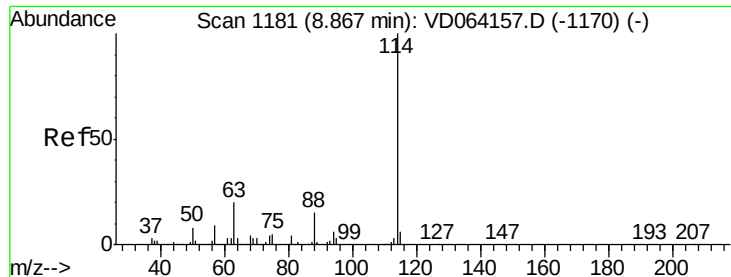
100000

50000

0

Time-->

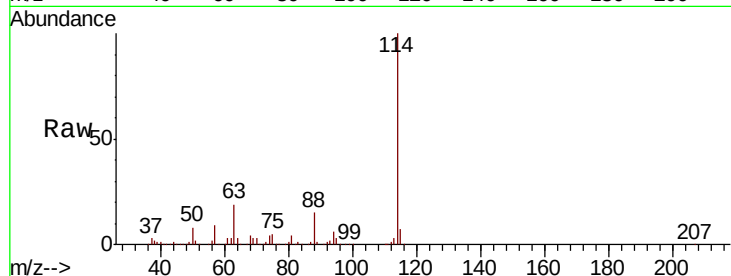




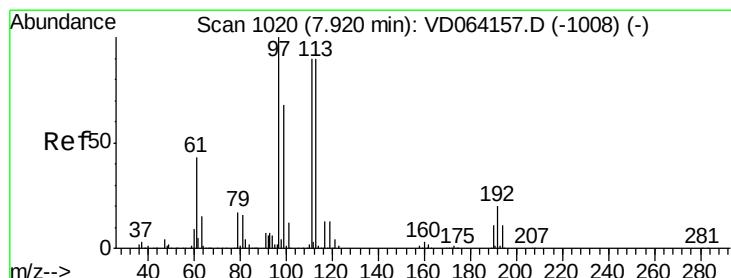
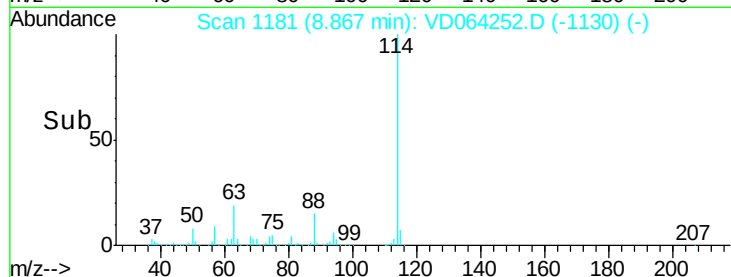
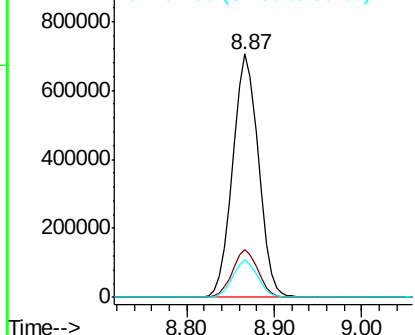
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064252.D
 Acq: 16 Nov 2019 04:54

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-10

Tot Ion:114 Resp: 1408269
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.0
 88 15.2 0.0 30.2

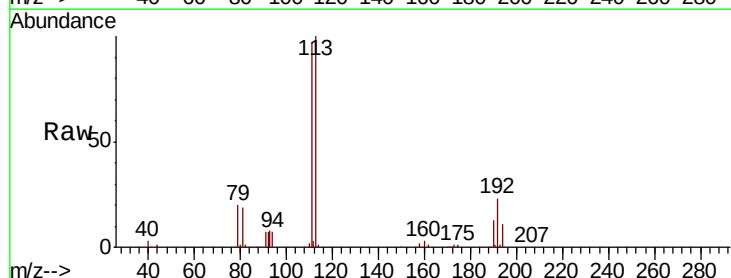


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

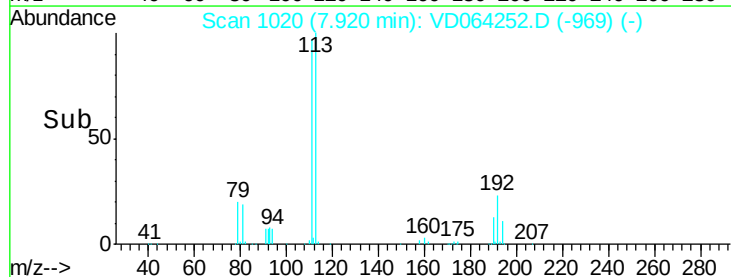
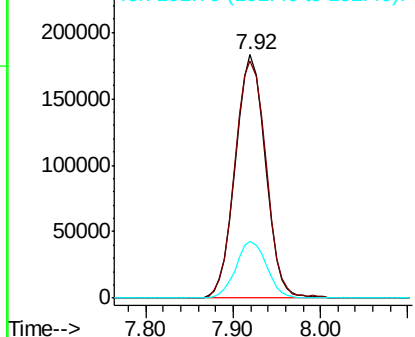


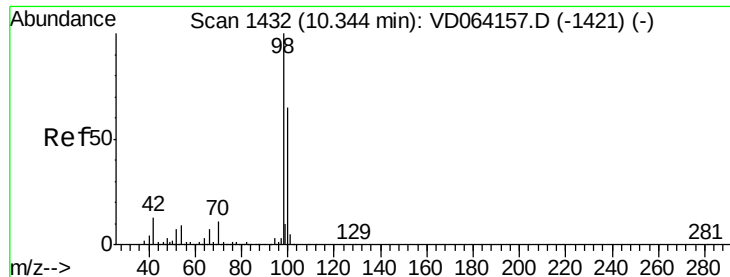
#35
 Dibromofluoromethane
 Concen: 52.908 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064252.D
 Acq: 16 Nov 2019 04:54

Tgt Ion:113 Resp: 427695
 Ion Ratio Lower Upper
 113 100
 111 101.2 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: 53.724 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064252.D

Acq: 16 Nov 2019 04:54

Instrument :

MSVOA_D

ClientSampleId :

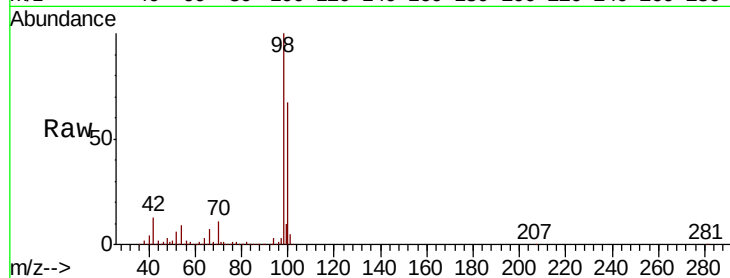
EP-10

Tot Ion: 98 Resp: 1638324

Ion Ratio Lower Upper

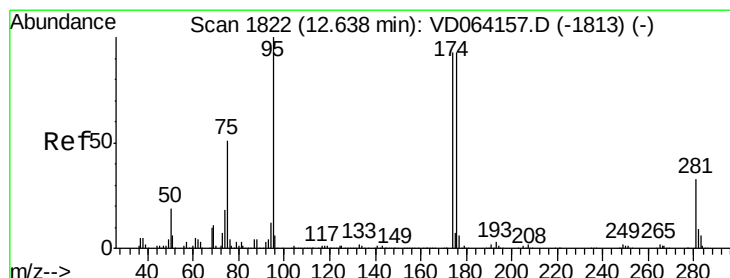
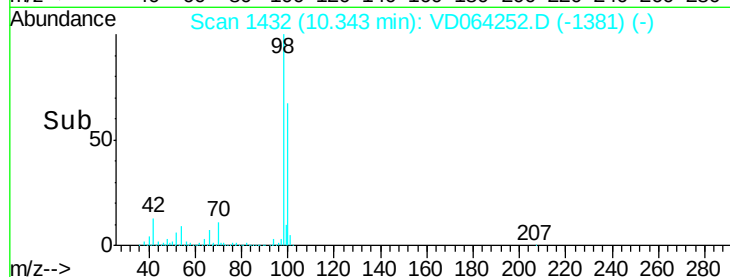
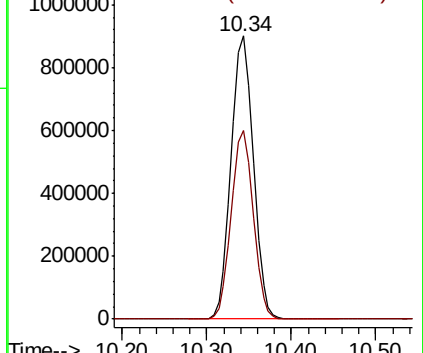
98 100

100 65.9 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VD

Ion 100.00 (99.70 to 100.70): VD



#62

4-Bromofluorobenzene

Concen: 49.526 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064252.D

Acq: 16 Nov 2019 04:54

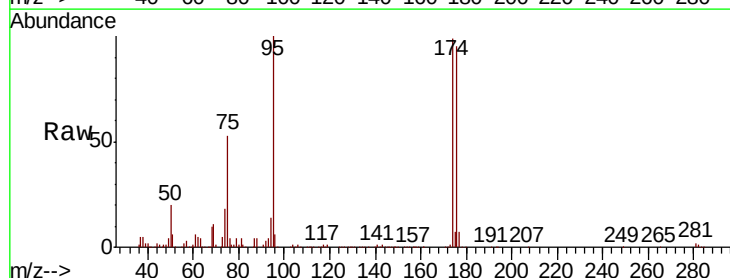
Tgt Ion: 95 Resp: 523023

Ion Ratio Lower Upper

95 100

174 98.3 0.0 183.6

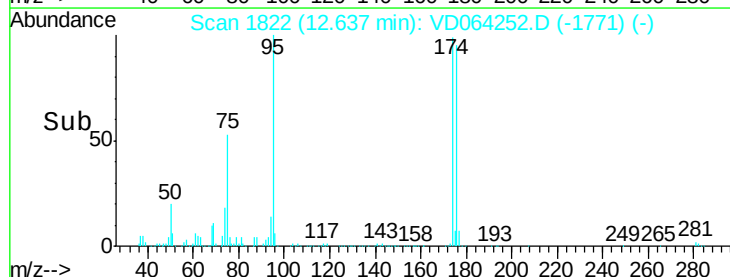
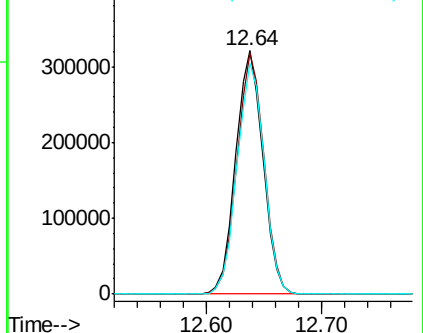
176 94.7 0.0 180.2

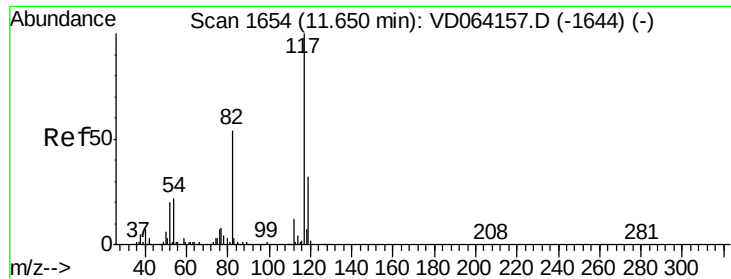


Abundance Ion 94.90 (94.60 to 95.60): VD

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

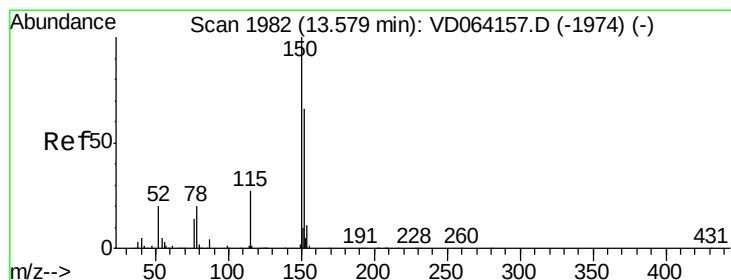
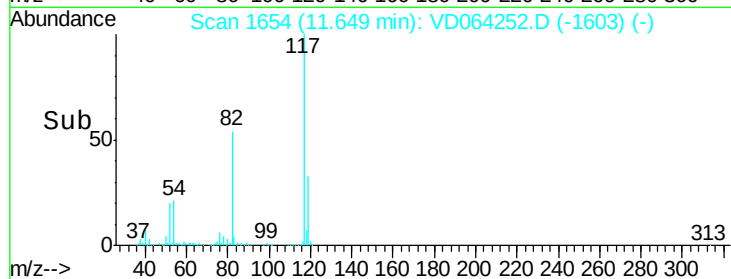
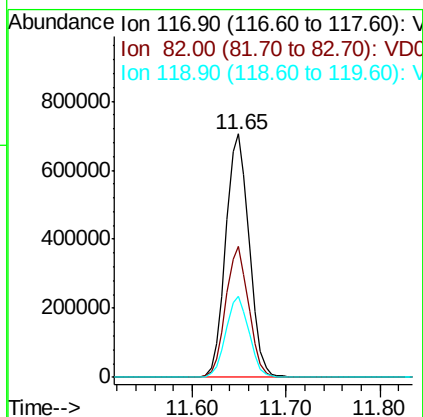
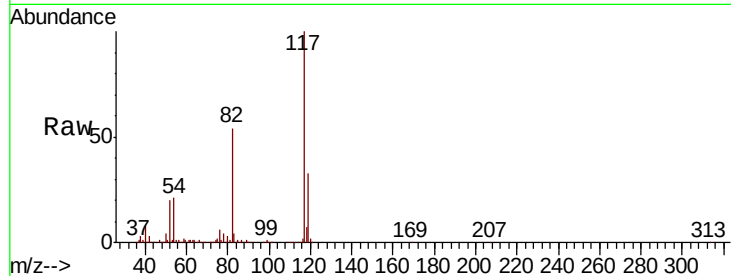




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064252.D
Acq: 16 Nov 2019 04:54

Instrument :
MSVOA_D
ClientSampleId :
EP-10

Tot Ion:117 Resp: 1221971
Ion Ratio Lower Upper
117 100
82 53.9 42.8 64.2
119 33.0 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: VD064252.D
Acq: 16 Nov 2019 04:54

Tgt Ion:152 Resp: 597095
Ion Ratio Lower Upper
152 100
115 53.5 27.4 82.2
150 156.8 0.0 351.6

