

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121719\
 Data File : VD064553.D
 Acq On : 17 Dec 2019 19:00
 Operator : VA/SY
 Sample : K6357-10
 Misc : 5.14G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PF-E

Quant Time: Dec 18 05:32:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	119876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	182831	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	192592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	103949	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	67611	62.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.62%	
35) Dibromofluoromethane	7.92	113	60368	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
50) Toluene-d8	10.34	98	222513	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.64	95	86330	61.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.82%	

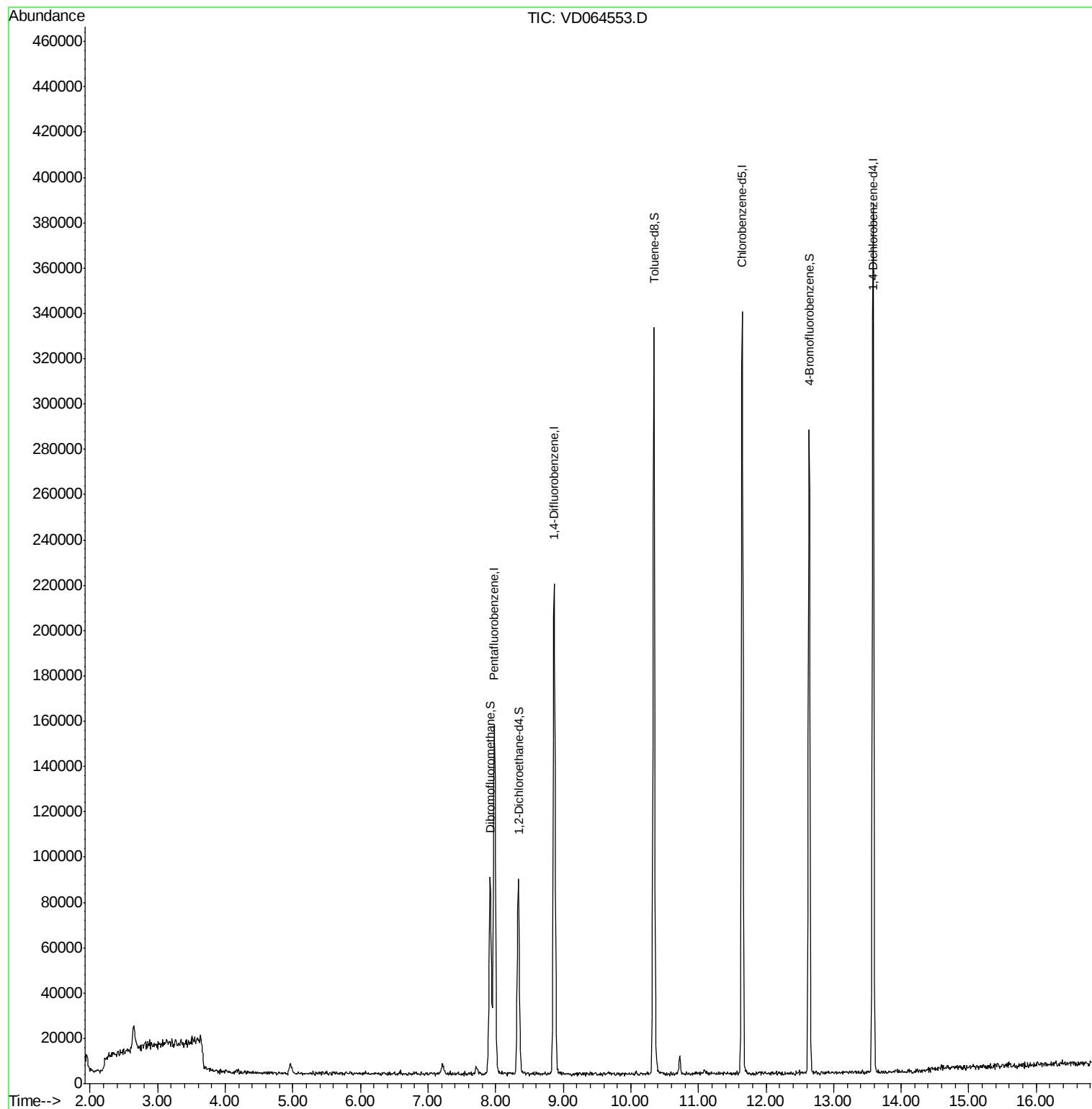
Target Compounds	Qvalue

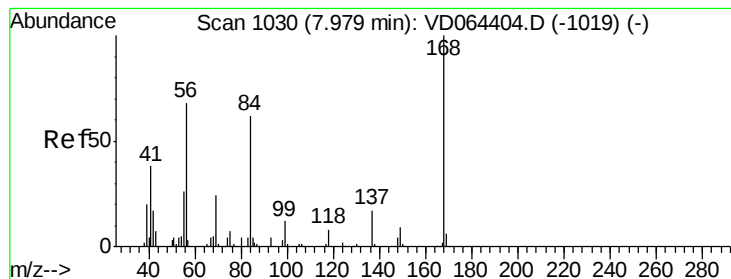
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD064553.D

Acq: 17 Dec 2019 19:00

Instrument :

MSVOA_D

ClientSampleId :

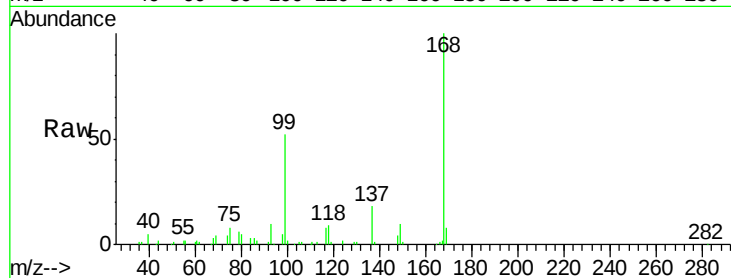
PF-E

Tot Ion:168 Resp: 119876

Ion Ratio Lower Upper

168 100

99 51.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

60000

50000

40000

30000

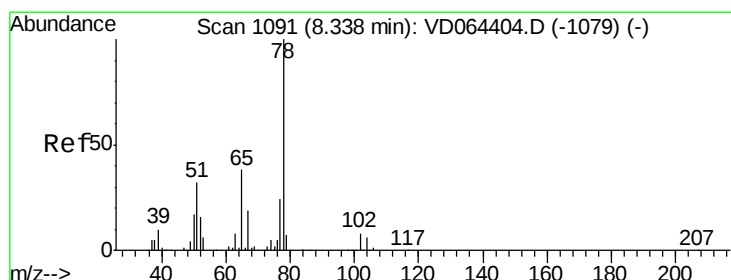
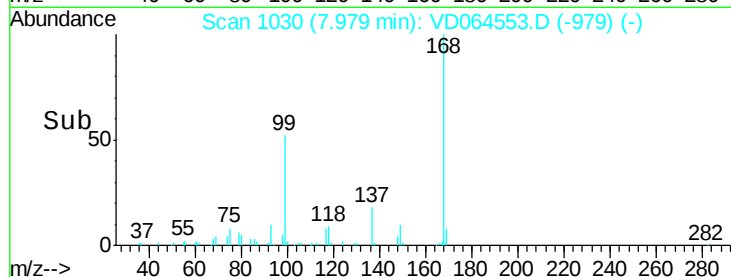
20000

10000

0

Time-->

7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 62.311 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064553.D

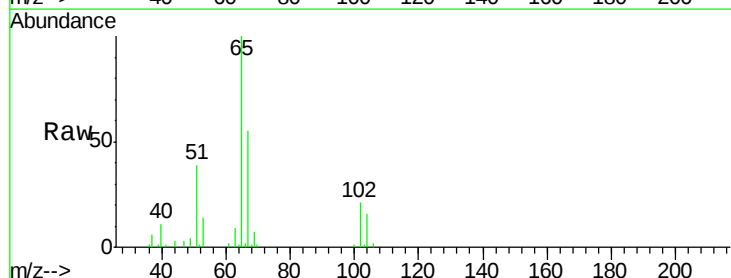
Acq: 17 Dec 2019 19:00

Tgt Ion: 65 Resp: 67611

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

30000

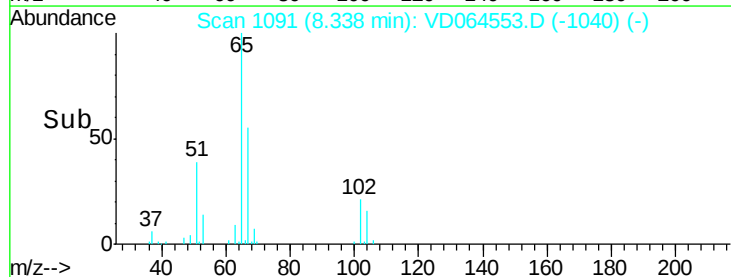
20000

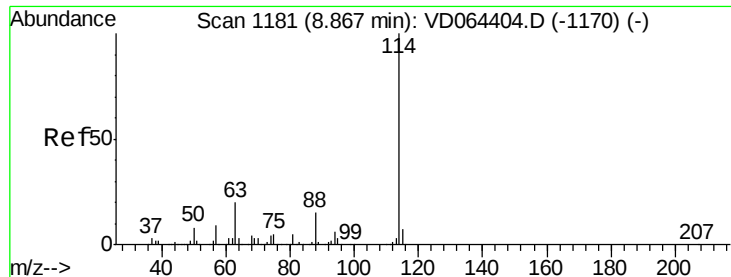
10000

0

Time-->

8.25 8.30 8.35 8.40

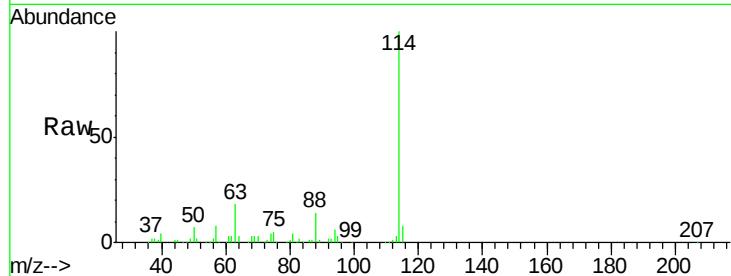




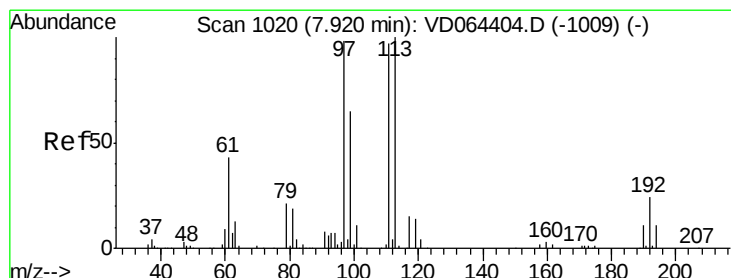
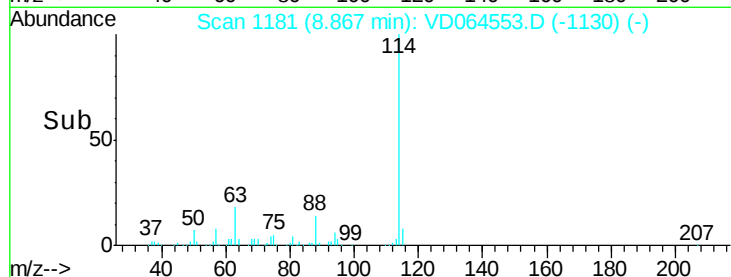
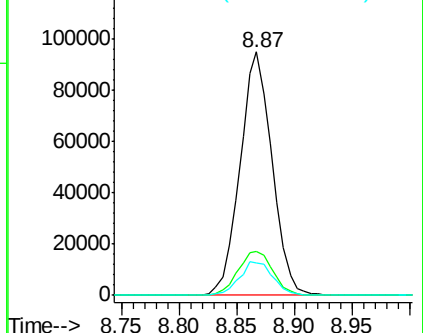
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064553.D
 Acq: 17 Dec 2019 19:00

Instrument :
 MSVOA_D
 ClientSampleId :
 PF-E

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	40.0
88	13.6	0.0	29.2

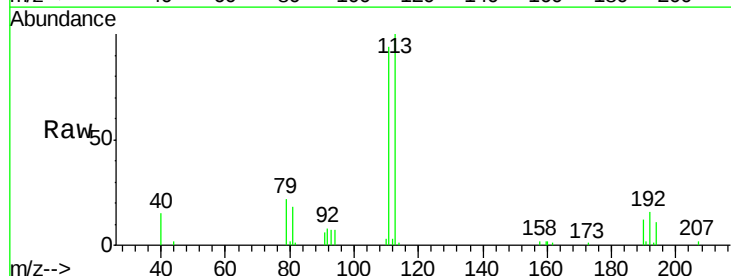


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

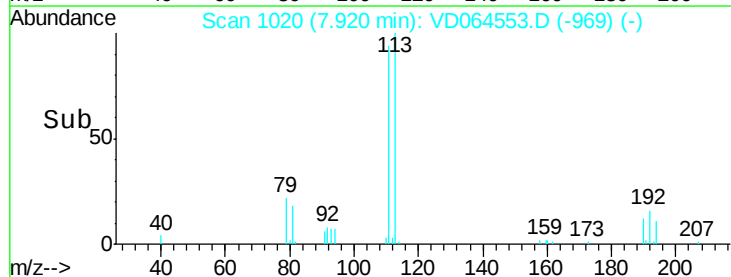
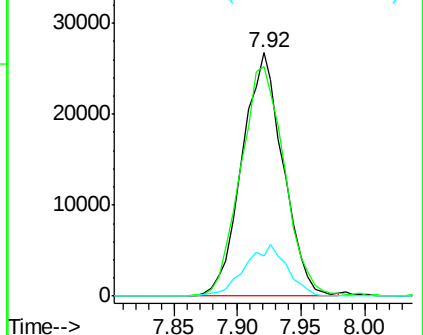


#35
 Dibromofluoromethane
 Concen: 52.406 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064553.D
 Acq: 17 Dec 2019 19:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	79.4	119.2
192	21.6	18.6	28.0



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: 51.280 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064553.D

Acq: 17 Dec 2019 19:00

Instrument :

MSVOA_D

ClientSampled :

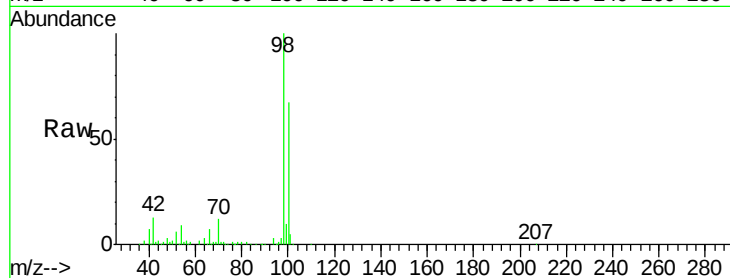
PF-E

Tot Ion: 98 Resp: 222513

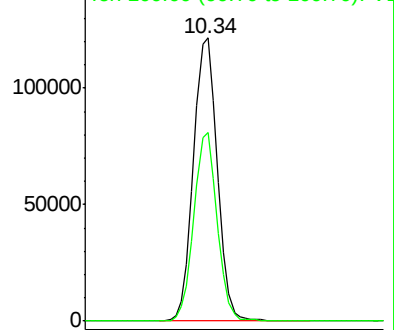
Ion Ratio Lower Upper

98 100

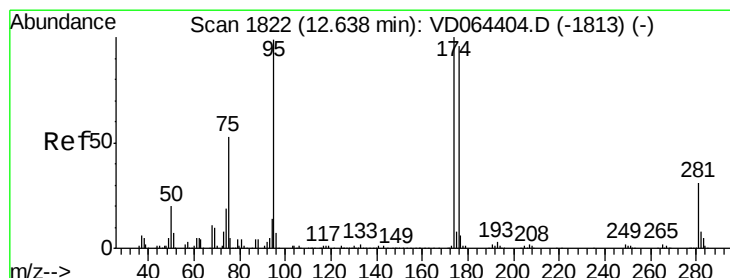
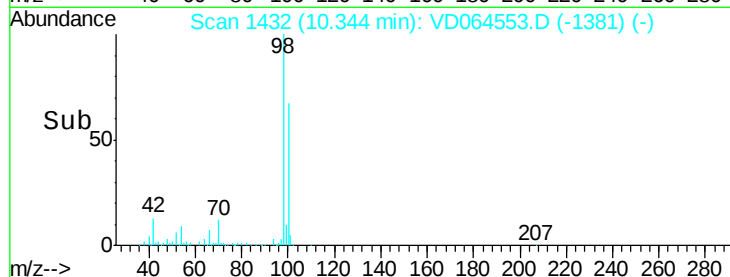
100 65.1 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VD064404.D (-1421) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 61.908 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064553.D

Acq: 17 Dec 2019 19:00

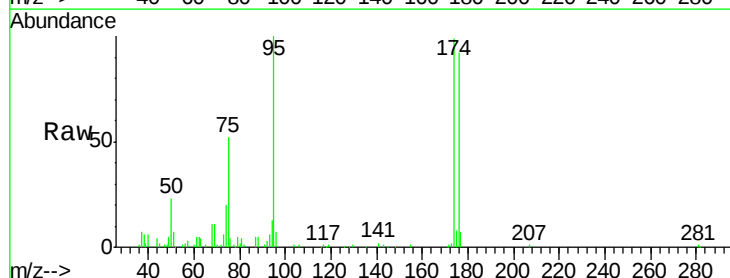
Tgt Ion: 95 Resp: 86330

Ion Ratio Lower Upper

95 100

174 96.7 0.0 197.2

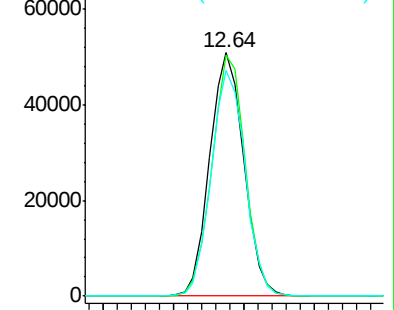
176 91.9 0.0 189.6



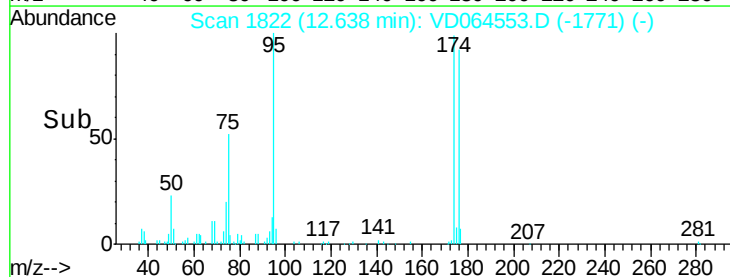
Abundance Ion 94.90 (94.60 to 95.60): VD064404.D (-1813) (-)

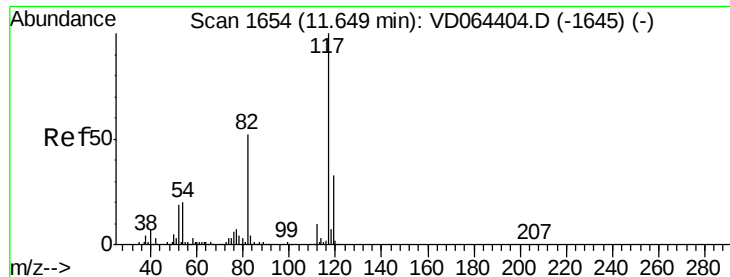
Ion 173.80 (173.50 to 174.50): VD064404.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD064404.D (-1813) (-)



Time-->

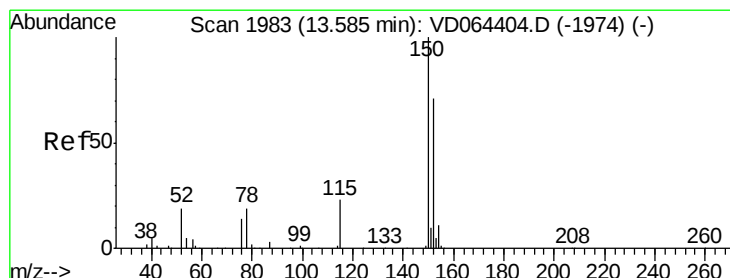
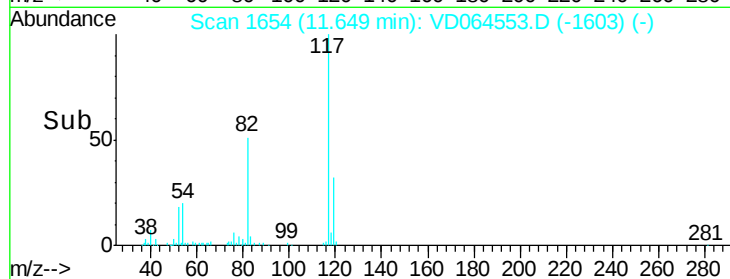
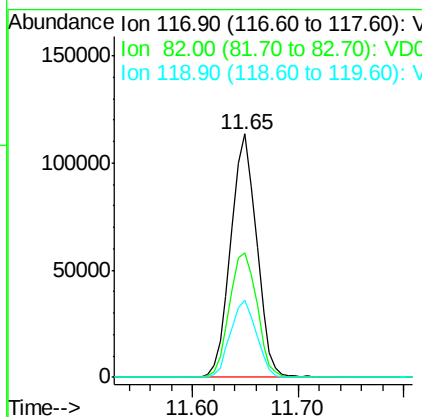
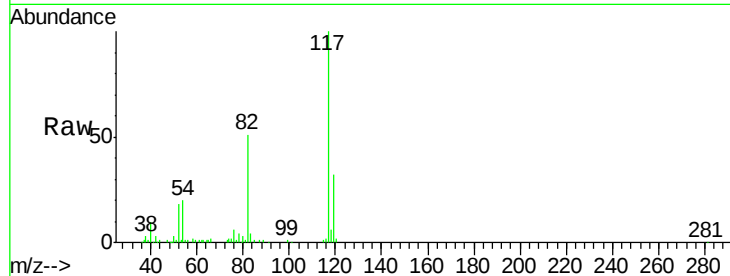




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064553.D
Acq: 17 Dec 2019 19:00

Instrument :
MSVOA_D
ClientSampleId :
PF-E

Tot Ion:117 Resp: 192592
Ion Ratio Lower Upper
117 100
82 51.0 41.4 62.2
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064553.D
Acq: 17 Dec 2019 19:00

Tgt Ion:152 Resp: 103949
Ion Ratio Lower Upper
152 100
115 54.8 26.7 80.1
150 157.3 0.0 347.2

