

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111519\
 Data File : VD064232.D
 Acq On : 15 Nov 2019 17:30
 Operator : VA/SY
 Sample : K5864-09
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-7.5-8.0

Quant Time: Nov 16 06:05:39 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	441156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	668282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	641870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	345137	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	285379	78.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	157.30%	
35) Dibromofluoromethane	7.92	113	226292	58.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.98%	
50) Toluene-d8	10.34	98	794002	54.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.74%	
62) 4-Bromofluorobenzene	12.64	95	291963	58.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.52%	

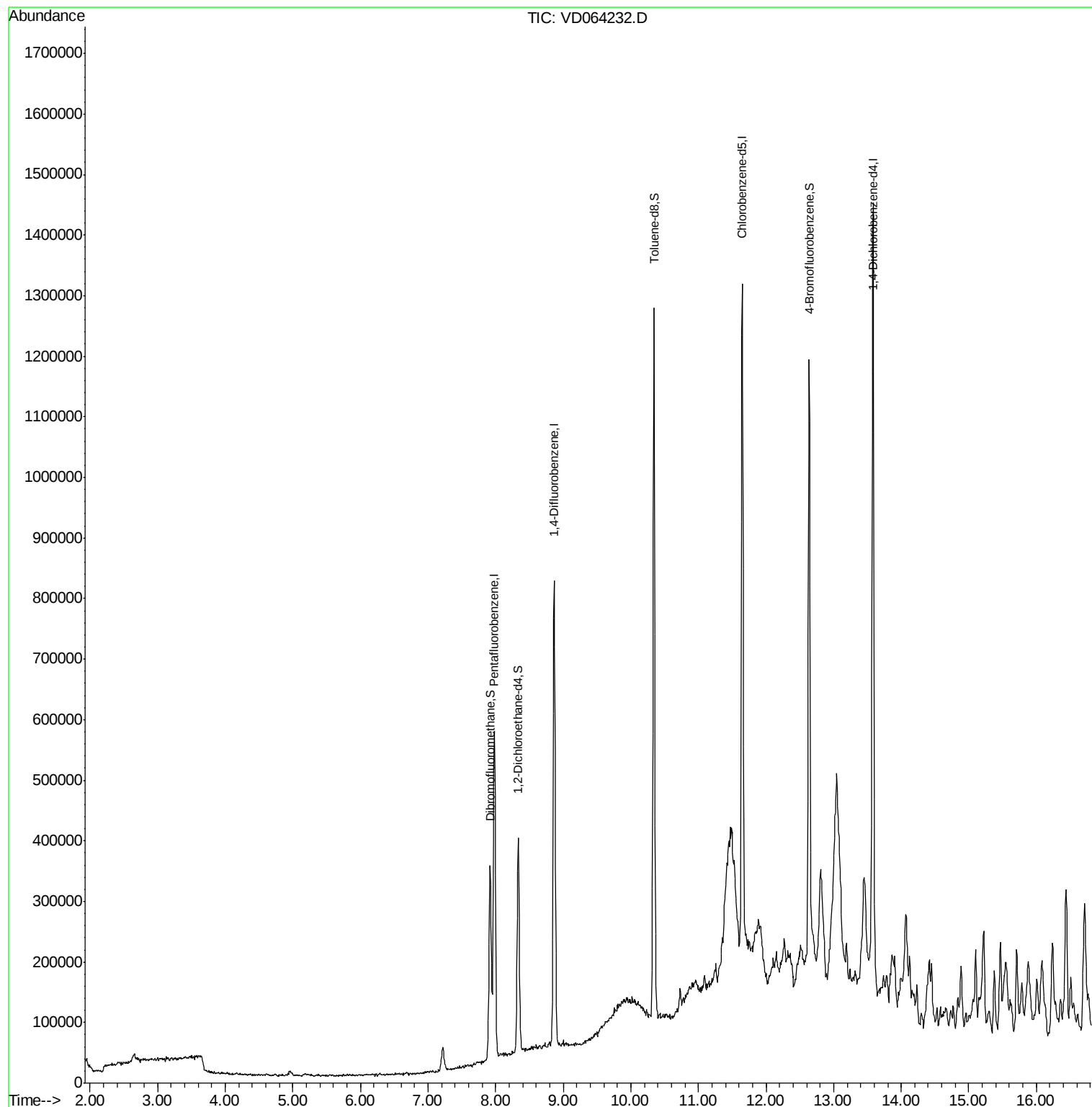
Target Compounds	Qvalue
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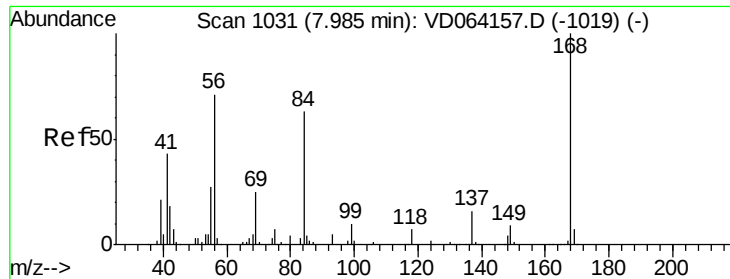
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064232.D

Acq: 15 Nov 2019 17:30

Instrument :

MSVOA_D

ClientSampleId :

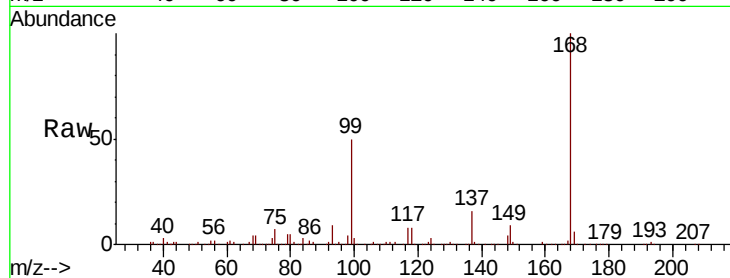
SB-05-7.5-8.0

Tot Ion:168 Resp: 441156

Ion Ratio Lower Upper

168 100

99 49.5 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

200000

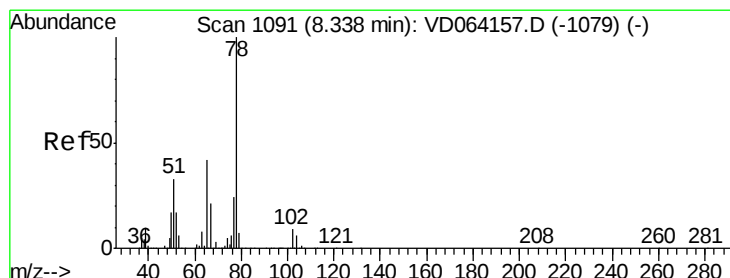
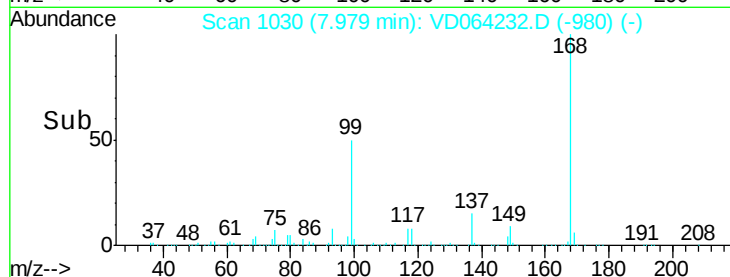
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 78.655 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064232.D

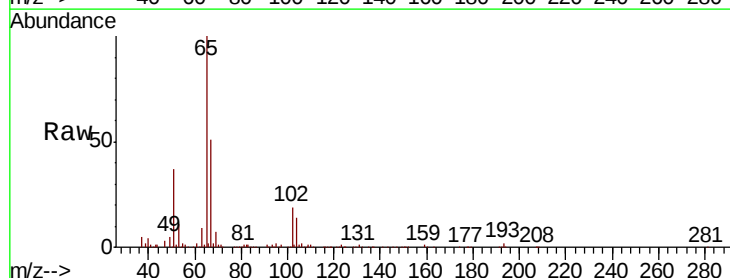
Acq: 15 Nov 2019 17:30

Tgt Ion: 65 Resp: 285379

Ion Ratio Lower Upper

65 100

67 51.5 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

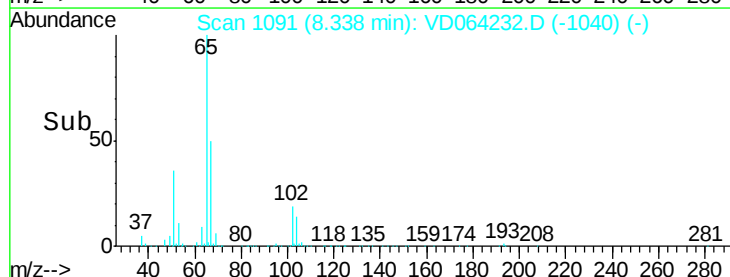
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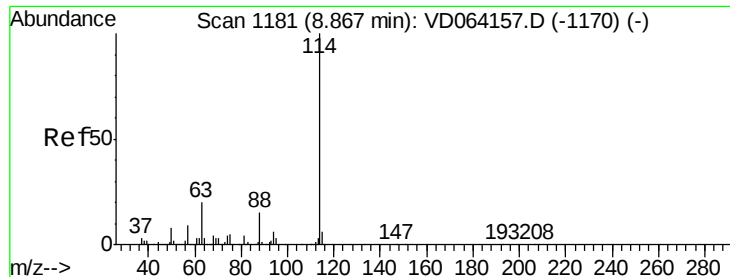
100000

50000

0

Time-->

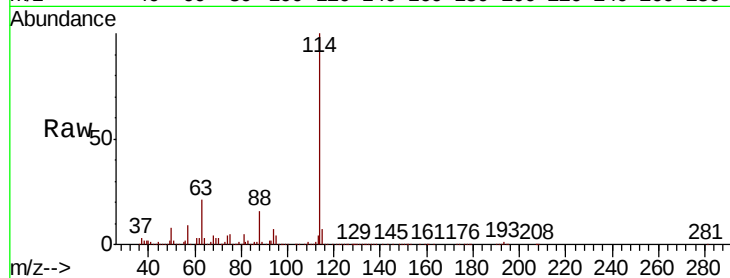




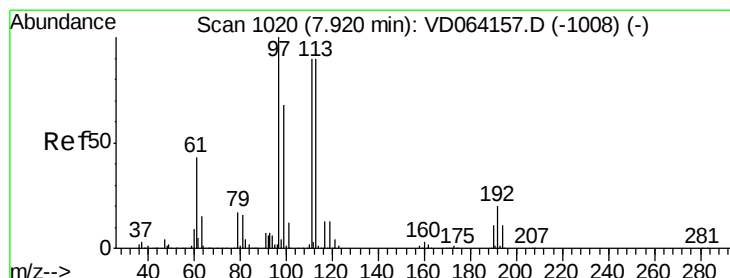
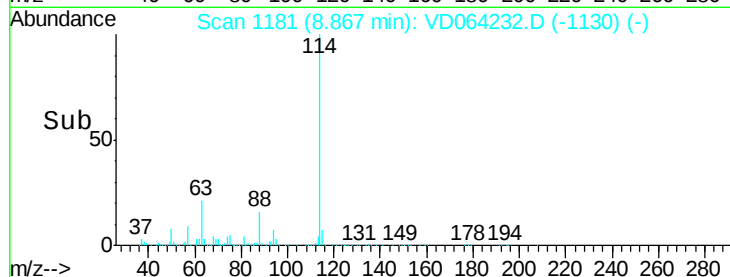
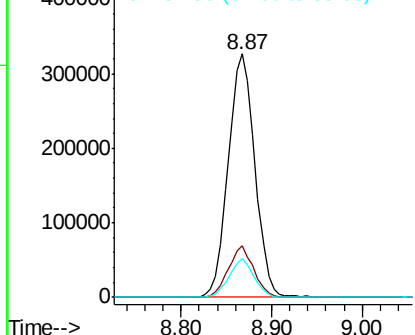
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064232.D
Acq: 15 Nov 2019 17:30

Instrument :
MSVOA_D
ClientSampleId :
SB-05-7.5-8.0

Tot Ion:114 Resp: 668282
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.0
88 15.8 0.0 30.2

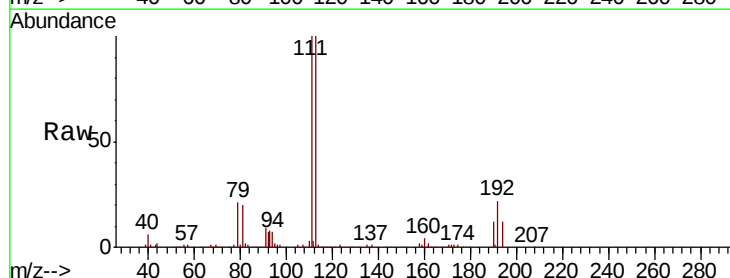


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VDC
Ion 87.90 (87.60 to 88.60): VDC

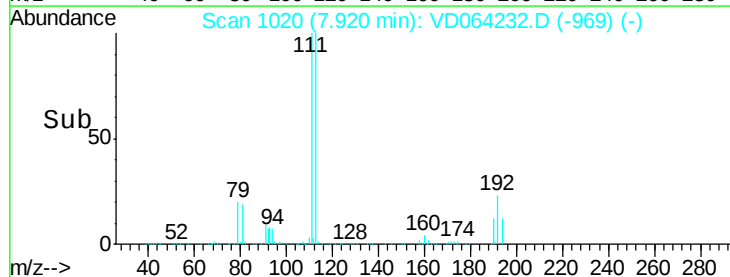
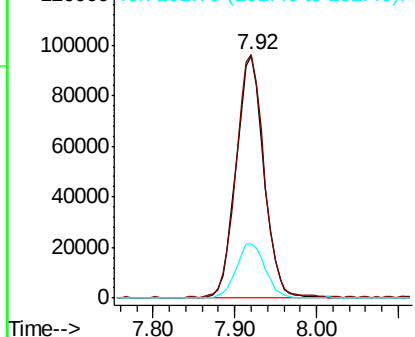


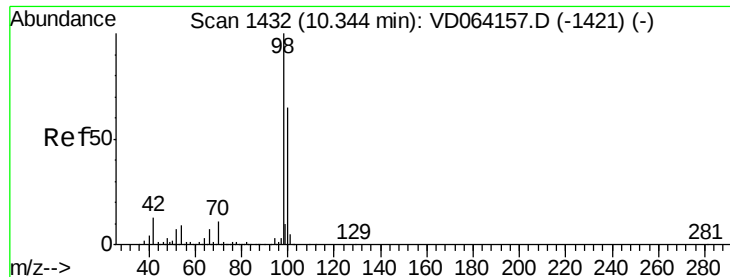
#35
Dibromofluoromethane
Concen: 58.991 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064232.D
Acq: 15 Nov 2019 17:30

Tgt Ion:113 Resp: 226292
Ion Ratio Lower Upper
113 100
111 102.5 81.5 122.3
192 23.6 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: 54.868 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064232.D

Acq: 15 Nov 2019 17:30

Instrument :

MSVOA_D

ClientSampleId :

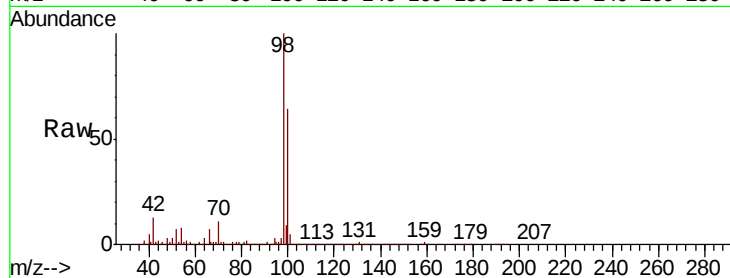
SB-05-7.5-8.0

Tot Ion: 98 Resp: 794002

Ion Ratio Lower Upper

98 100

100 64.8 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VD064157.D

Ion 100.00 (99.70 to 100.70): VD064157.D

10.34

400000

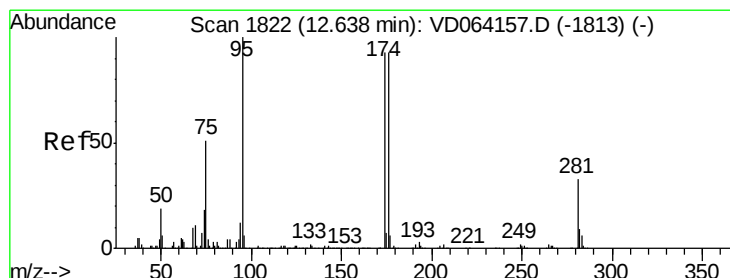
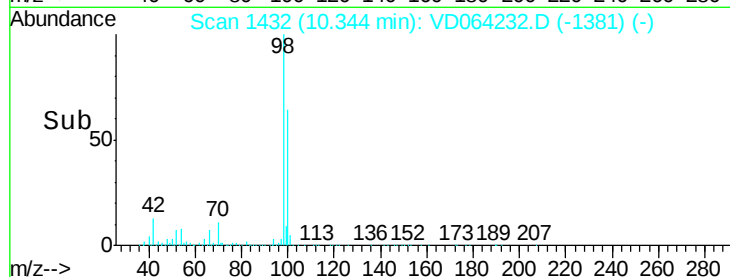
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 58.259 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064232.D

Acq: 15 Nov 2019 17:30

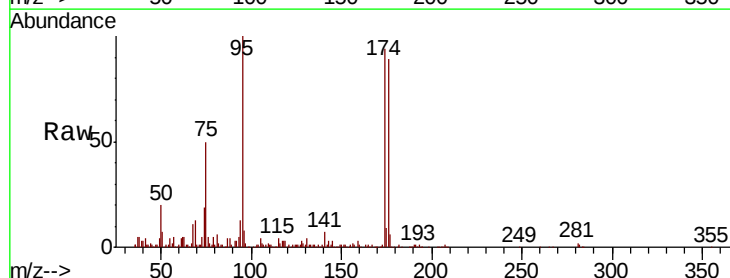
Tgt Ion: 95 Resp: 291963

Ion Ratio Lower Upper

95 100

174 103.2 0.0 183.6

176 93.7 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VD064157.D

Ion 173.80 (173.50 to 174.50): VD064157.D

Ion 175.80 (175.50 to 176.50): VD064157.D

250000

200000

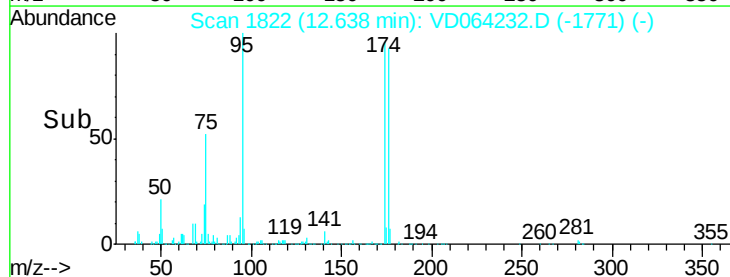
150000

100000

50000

0

Time-->

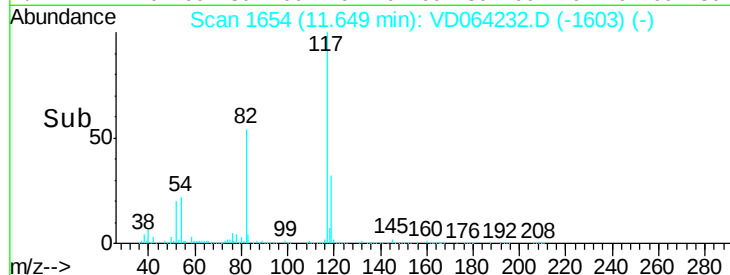
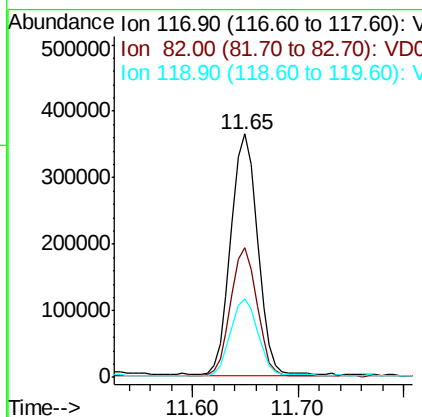
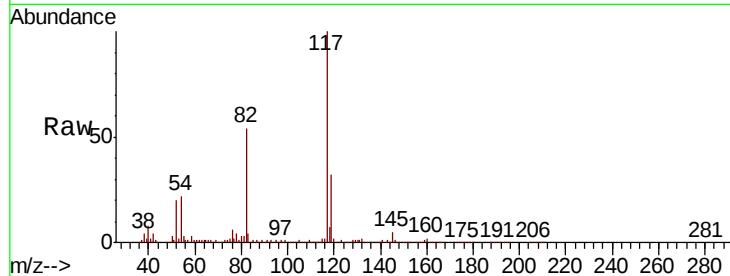




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064232.D
Acq: 15 Nov 2019 17:30

Instrument :
MSVOA_D
ClientSampleId :
SB-05-7.5-8.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	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: VD064232.D
Acq: 15 Nov 2019 17:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	27.4	82.2
150	151.3	0.0	351.6

