

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112619\
 Data File : VD064387.D
 Acq On : 26 Nov 2019 16:43
 Operator : VA/SY
 Sample : K6024-04
 Misc : 6.66G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-4-(0.5-1.0)

Quant Time: Nov 27 06:28:37 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

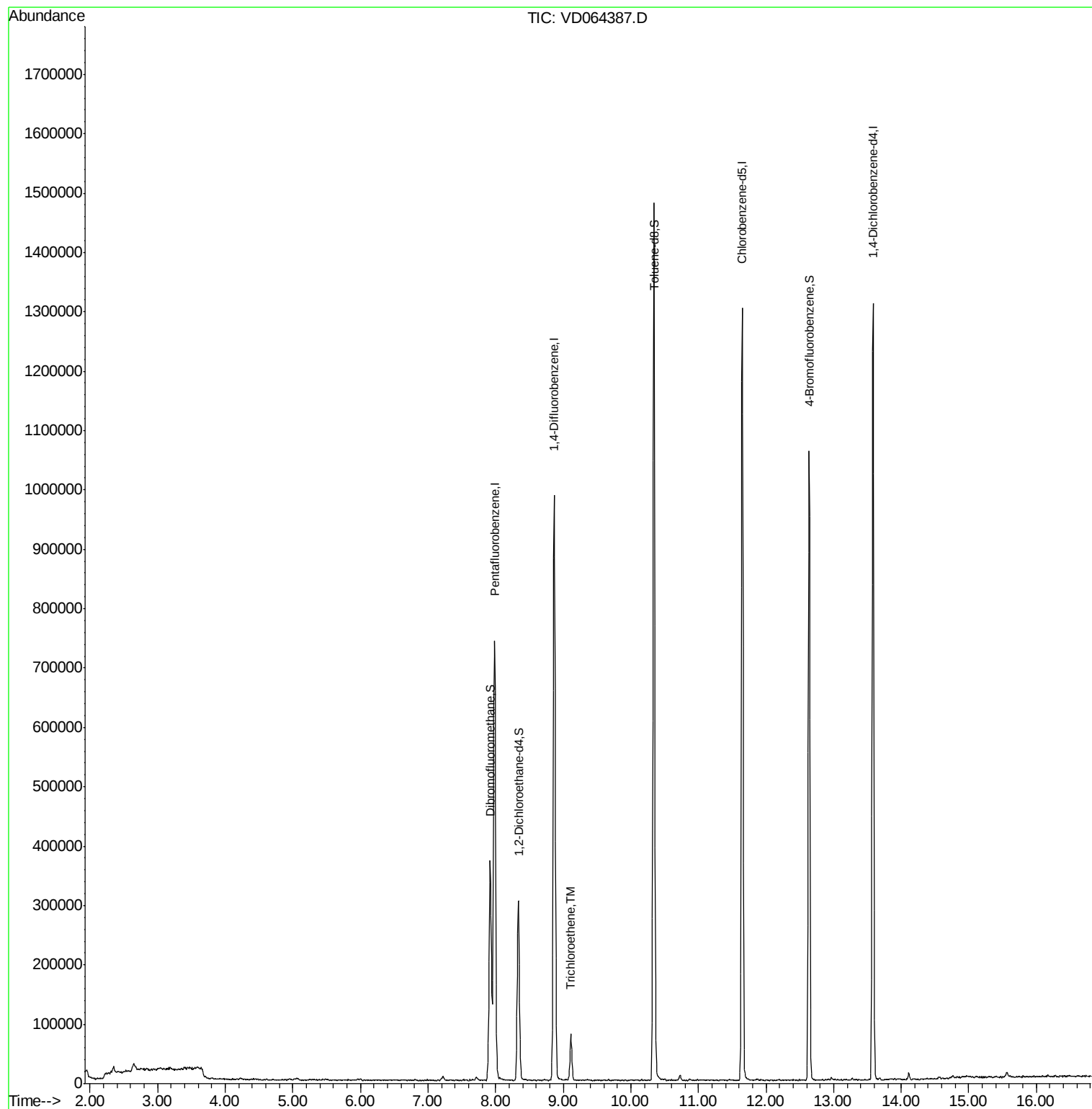
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	600838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	862917	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	766365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	358279	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	240871	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
35) Dibromofluoromethane	7.92	113	257467	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
50) Toluene-d8	10.34	98	1008261	53.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.92%	
62) 4-Bromofluorobenzene	12.64	95	317224	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
Target Compounds						
44) Trichloroethene	9.11	130	27742	4.247	ug/l	Qvalue 99

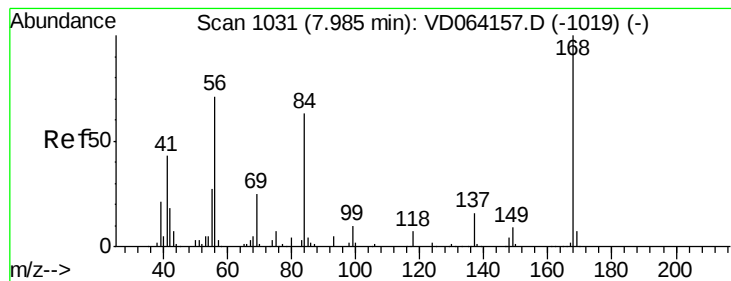
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

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Acq: 26 Nov 2019 16:43

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MSVOA_D

ClientSampleId :

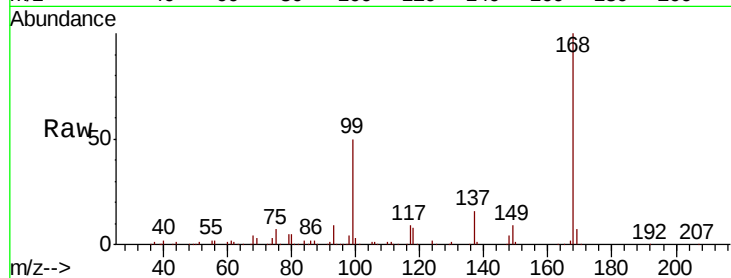
B-4-(0.5-1.0)

Tot Ion:168 Resp: 600838

Ion Ratio Lower Upper

168 100

99 50.4 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

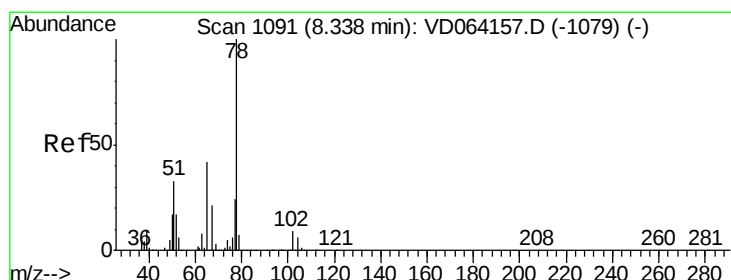
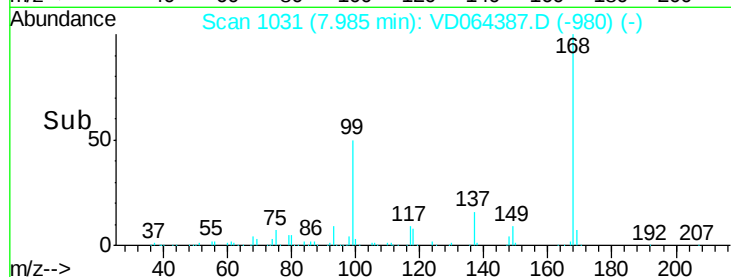
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.744 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064387.D

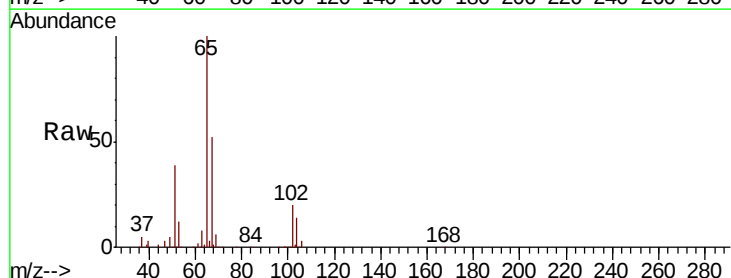
Acq: 26 Nov 2019 16:43

Tgt Ion: 65 Resp: 240871

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

120000

100000

80000

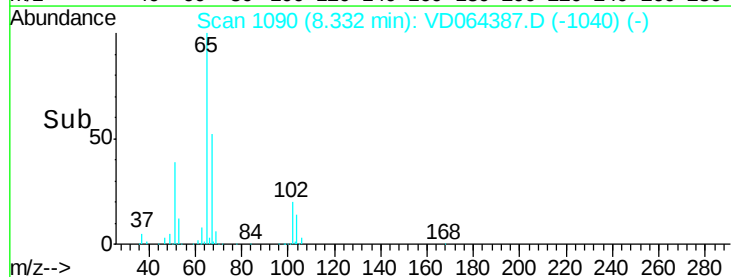
60000

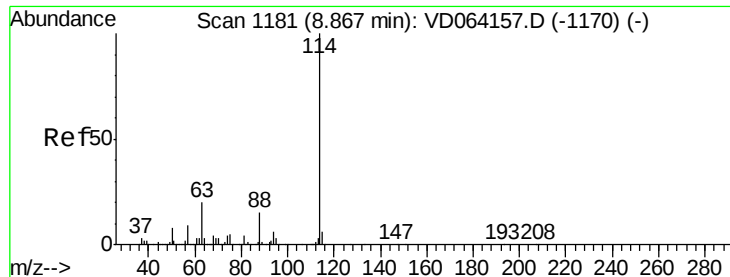
40000

20000

0

Time-->

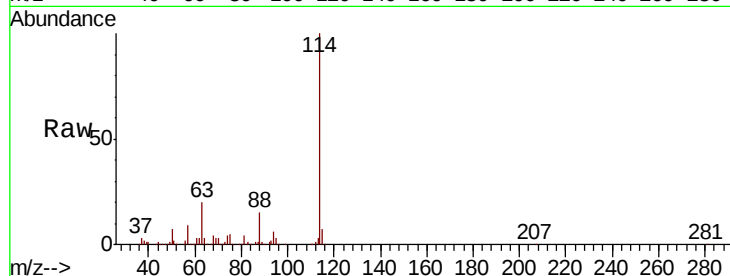




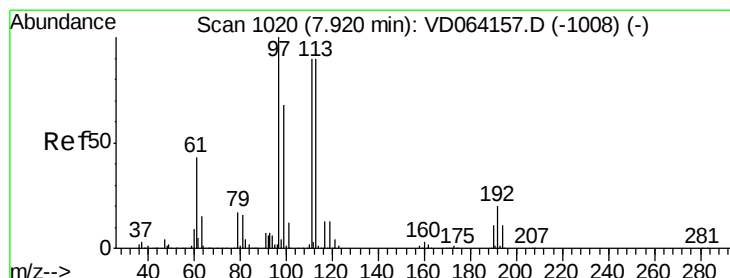
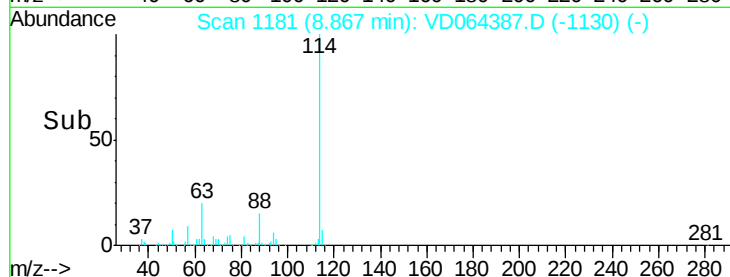
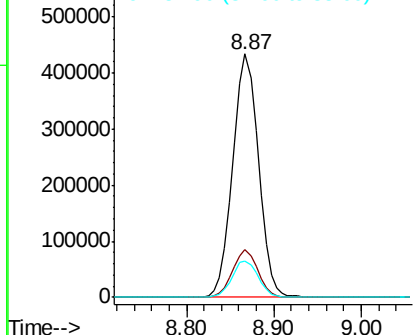
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064387.D
 Acq: 26 Nov 2019 16:43

Instrument :
 MSVOA_D
 ClientSampleId :
 B-4-(0.5-1.0)

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.0
88	15.0	0.0	30.2

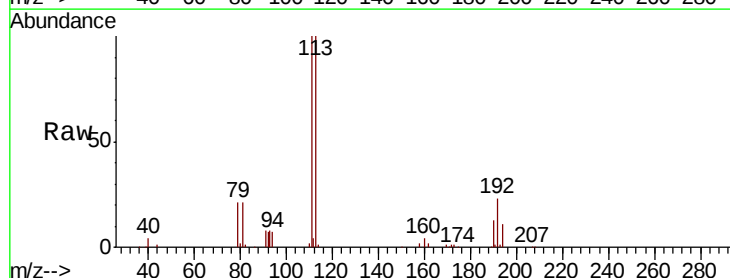


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

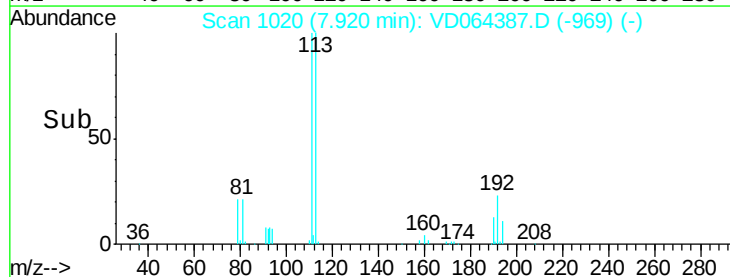
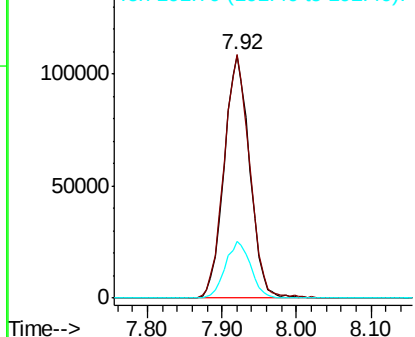


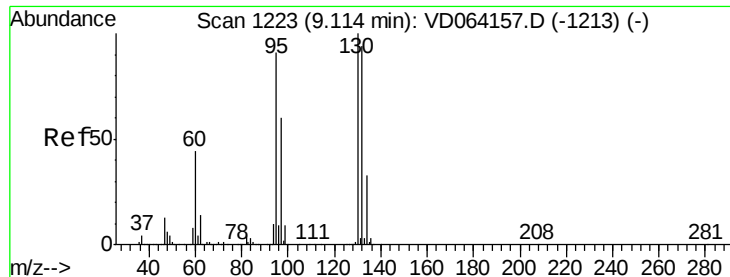
#35
 Dibromofluoromethane
 Concen: 51.979 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064387.D
 Acq: 26 Nov 2019 16:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.5	122.3
192	23.0	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





#44

Trichloroethene

Concen: 4.247 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.01 min

Lab File: VD064387.D

Acq: 26 Nov 2019 16:43

Instrument :

MSVOA_D

ClientSampleId :

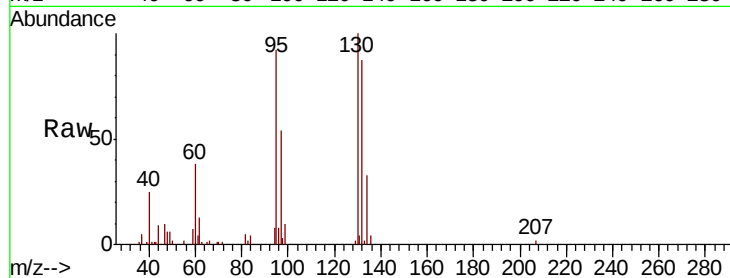
B-4-(0.5-1.0)

Tot Ion:130 Resp: 27742

Ion Ratio Lower Upper

130 100

95 91.9 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

9.11

15000

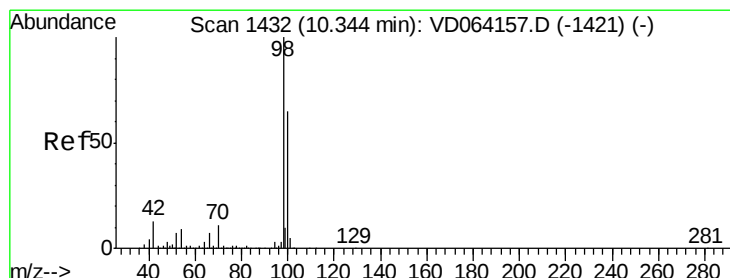
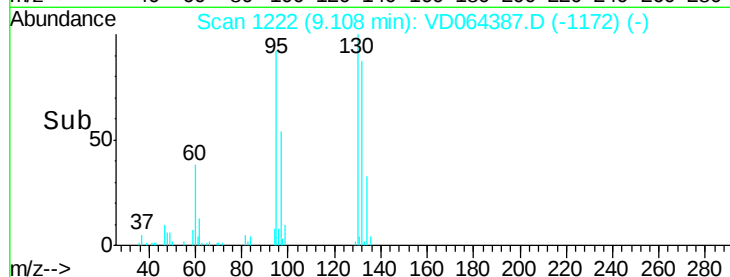
10000

5000

0

Time-->

9.05 9.10 9.15



#50

Toluene-d8

Concen: 53.958 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064387.D

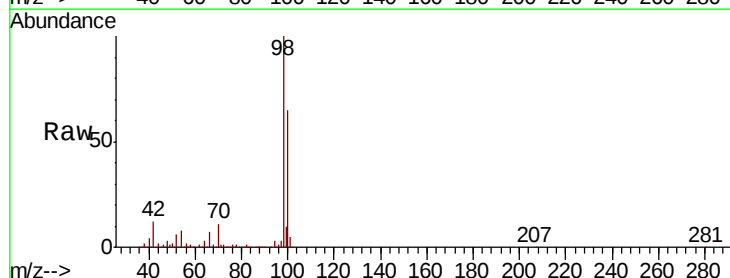
Acq: 26 Nov 2019 16:43

Tgt Ion: 98 Resp: 1008261

Ion Ratio Lower Upper

98 100

100 66.0 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VD

10.34

600000

500000

400000

300000

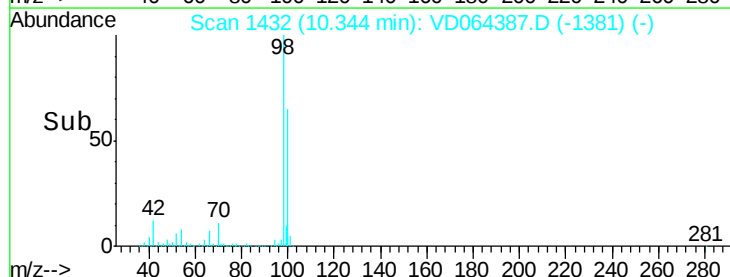
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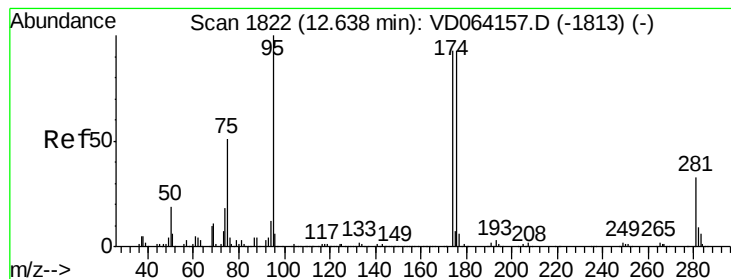
100000

0

Time-->

10.20 10.30 10.40 10.50





#62

4-Bromofluorobenzene

Concen: 49.022 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064387.D

Acq: 26 Nov 2019 16:43

Instrument :

MSVOA_D

ClientSampleId :

B-4-(0.5-1.0)

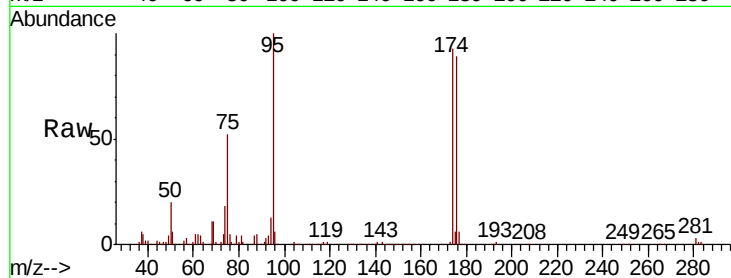
Tot Ion: 95 Resp: 317224

Ion Ratio Lower Upper

95 100

174 95.4 0.0 183.6

176 94.4 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.64

200000

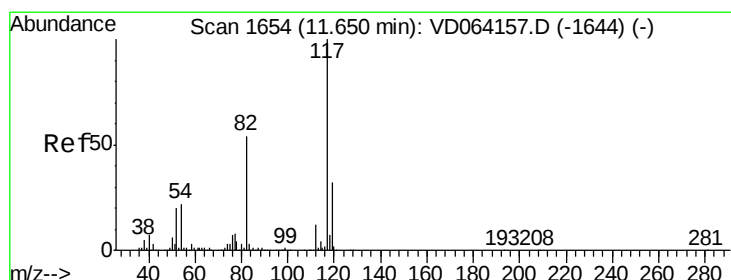
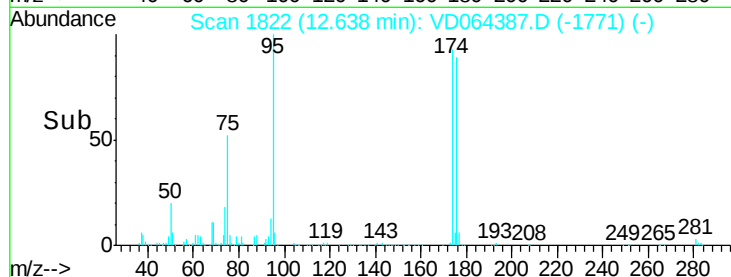
150000

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: VD064387.D

Acq: 26 Nov 2019 16:43

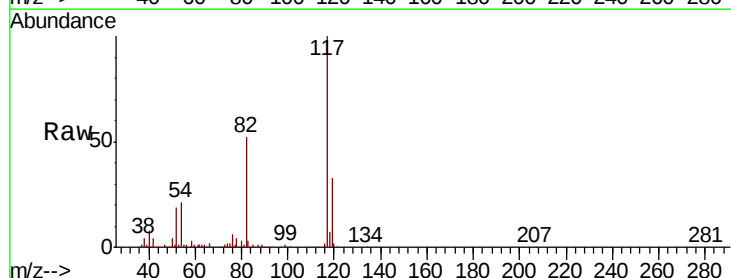
Tgt Ion: 117 Resp: 766365

Ion Ratio Lower Upper

117 100

82 51.8 42.8 64.2

119 33.1 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

600000

500000

400000

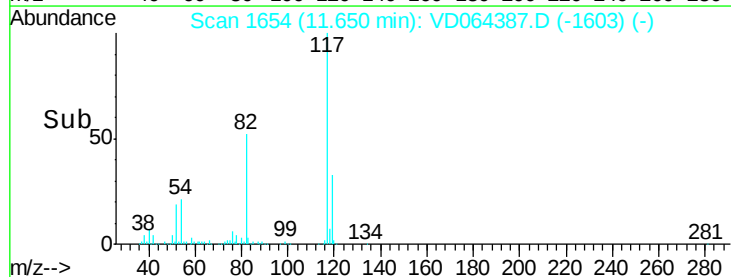
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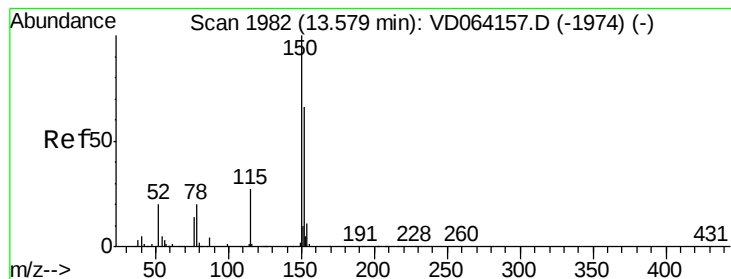
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064387.D

Acq: 26 Nov 2019 16:43

Instrument :

MSVOA_D

ClientSampleId :

B-4-(0.5-1.0)

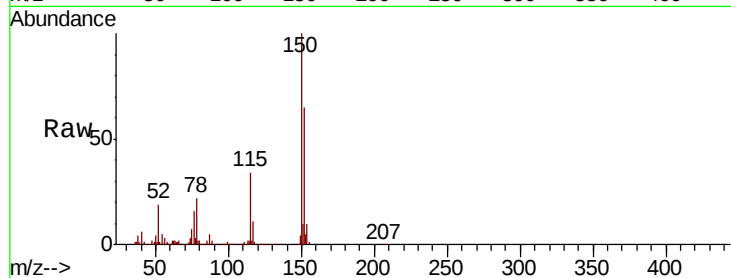
Tot Ion:152 Resp: 358279

Ion Ratio Lower Upper

152 100

115 54.8 27.4 82.2

150 157.9 0.0 351.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

