

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112619\
 Data File : VD064388.D
 Acq On : 26 Nov 2019 17:11
 Operator : VA/SY
 Sample : K6024-05
 Misc : 6.16G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-5-(0.5-1.0)

Quant Time: Nov 27 06:33:39 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

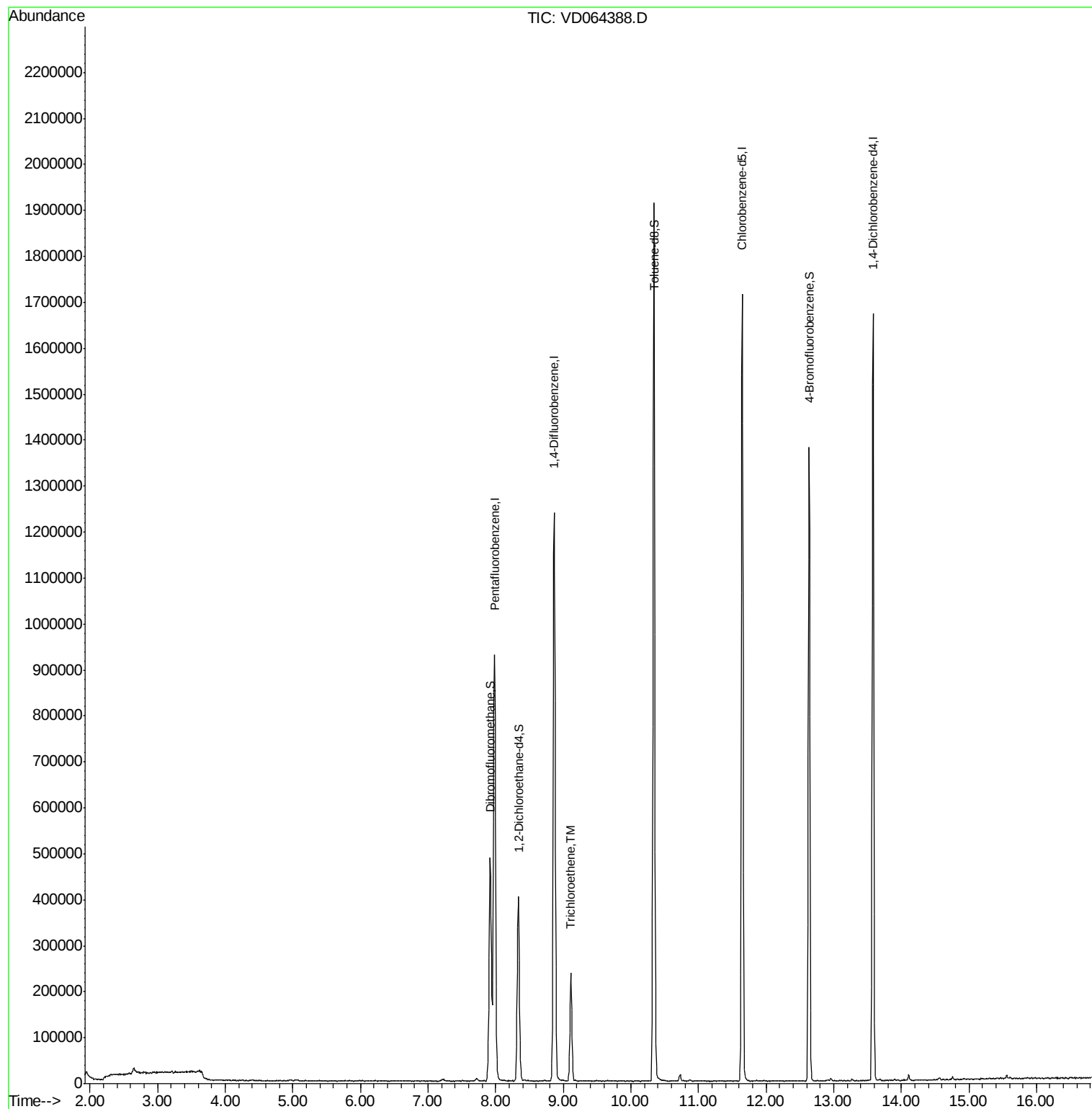
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	762029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1104158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	973912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	457852	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	321866	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
35) Dibromofluoromethane	7.92	113	332896	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
50) Toluene-d8	10.34	98	1301555	54.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.88%	
62) 4-Bromofluorobenzene	12.64	95	408659	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
Target Compounds						
44) Trichloroethene	9.11	130	87116	10.422	ug/l	Qvalue 98

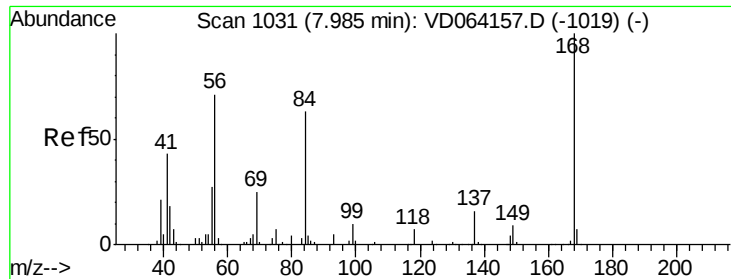
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064388.D

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Instrument :

MSVOA_D

ClientSampleId :

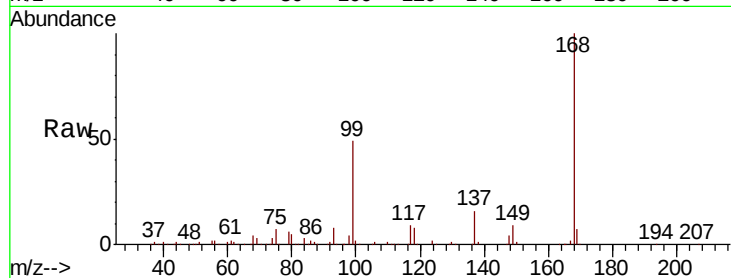
B-5-(0.5-1.0)

Tot Ion:168 Resp: 762029

Ion Ratio Lower Upper

168 100

99 49.2 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

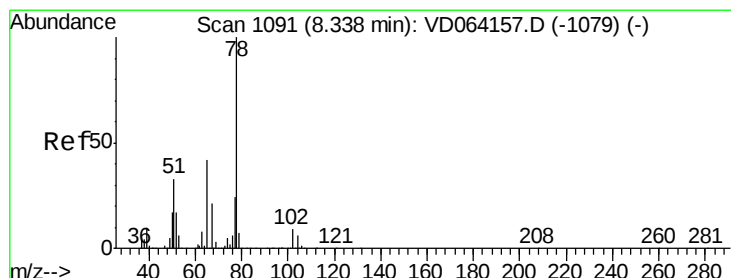
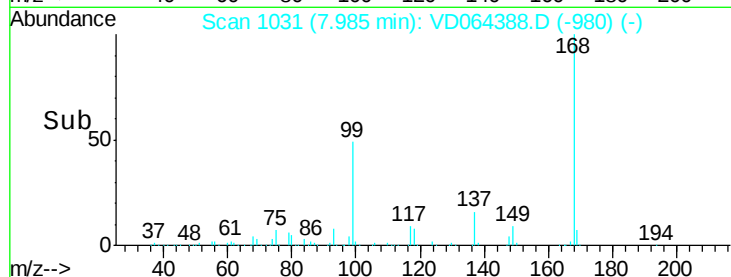
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.357 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064388.D

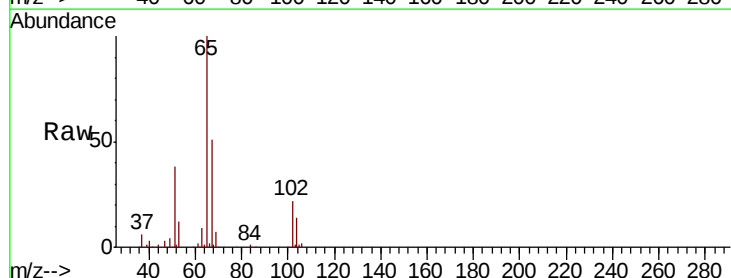
Acq: 26 Nov 2019 17:11

Tgt Ion: 65 Resp: 321866

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

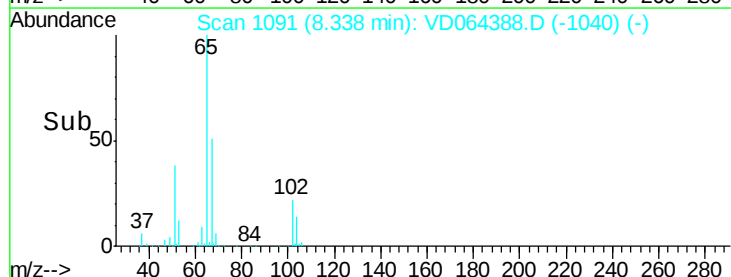
150000

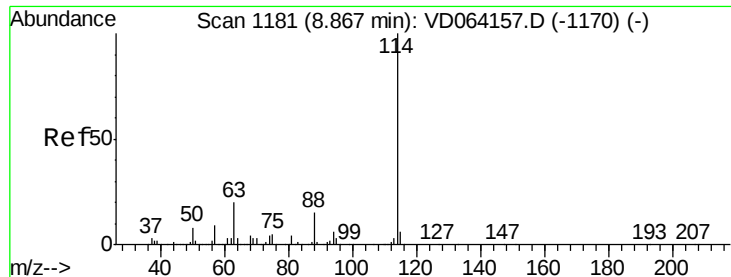
100000

50000

0

Time-->

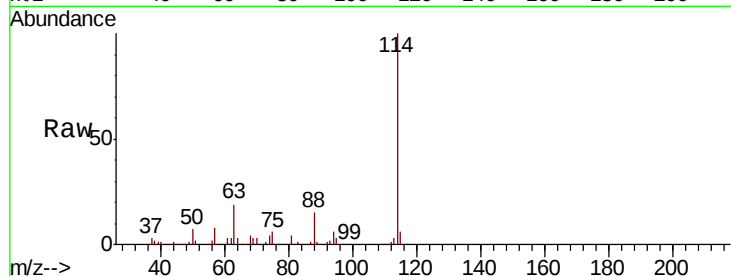




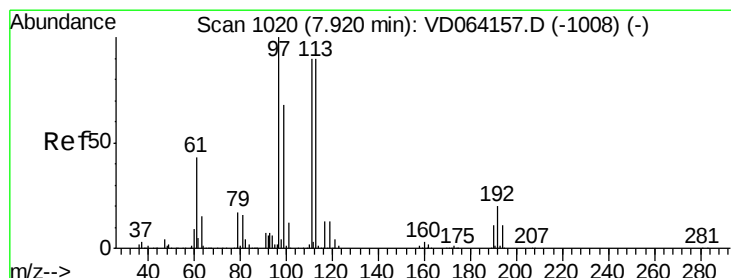
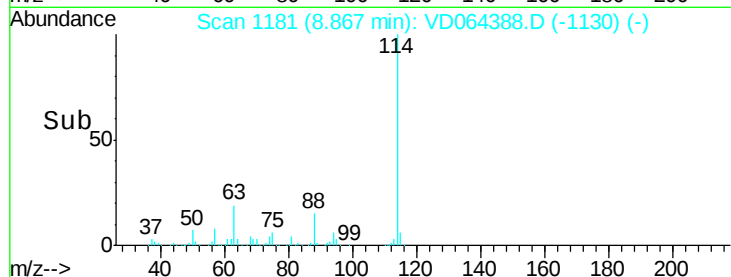
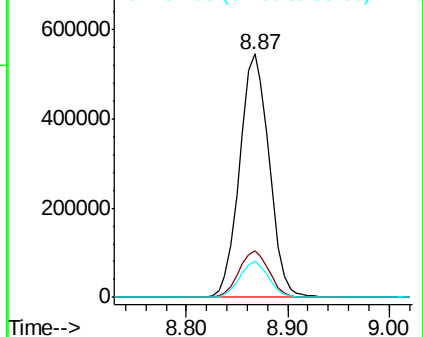
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064388.D
 Acq: 26 Nov 2019 17:11

Instrument :
 MSVOA_D
 ClientSampleId :
 B-5-(0.5-1.0)

Tot Ion:114 Resp: 1104158
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.0
 88 14.8 0.0 30.2

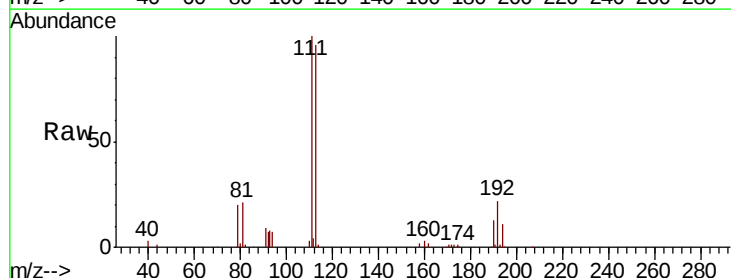


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

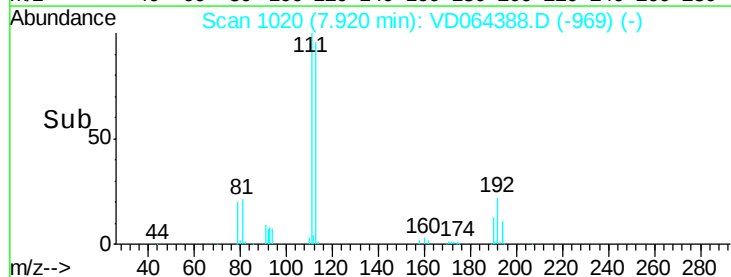
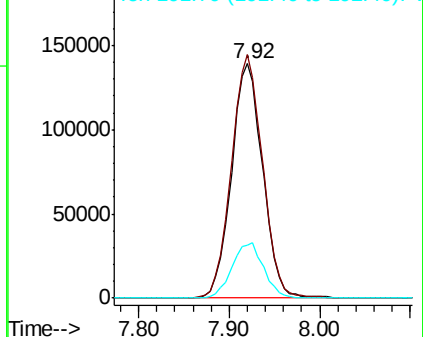


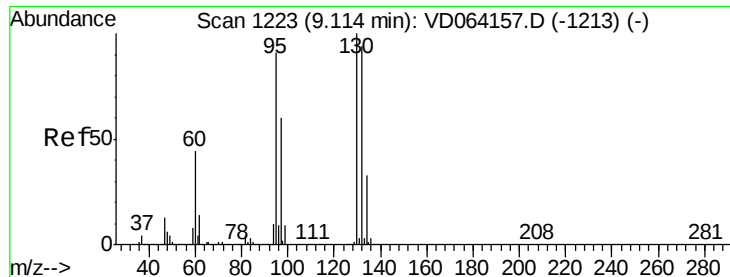
#35
 Dibromofluoromethane
 Concen: 52.523 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064388.D
 Acq: 26 Nov 2019 17:11

Tgt Ion:113 Resp: 332896
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.5 122.3
 192 23.8 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: 10.422 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD064388.D

Acq: 26 Nov 2019 17:11

Instrument :

MSVOA_D

ClientSampleId :

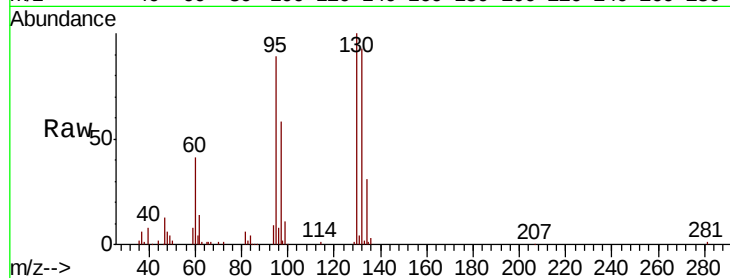
B-5-(0.5-1.0)

Tot Ion:130 Resp: 87116

Ion Ratio Lower Upper

130 100

95 89.3 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

40000

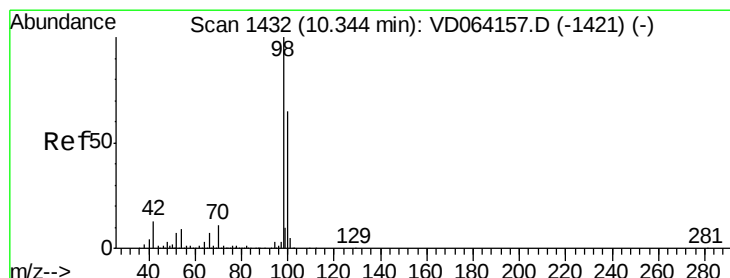
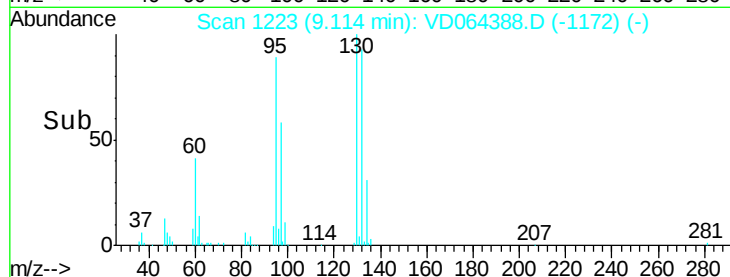
30000

20000

10000

0

Time--> 9.00 9.05 9.10 9.15 9.20



#50

Toluene-d8

Concen: 54.436 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064388.D

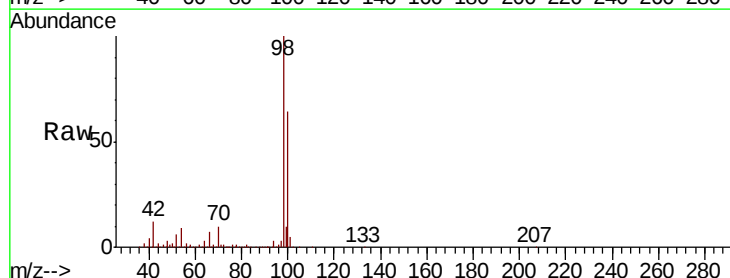
Acq: 26 Nov 2019 17:11

Tgt Ion: 98 Resp: 1301555

Ion Ratio Lower Upper

98 100

100 64.9 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

800000

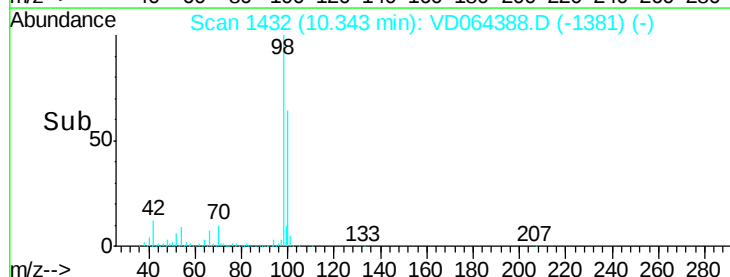
600000

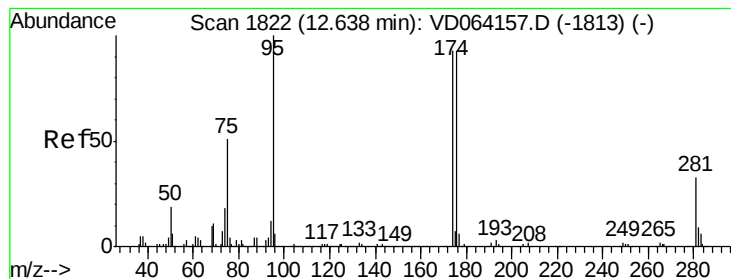
400000

200000

0

Time--> 10.20 10.30 10.40 10.50





#62

4-Bromofluorobenzene

Concen: 49.354 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064388.D

Acq: 26 Nov 2019 17:11

Instrument :

MSVOA_D

ClientSampleId :

B-5-(0.5-1.0)

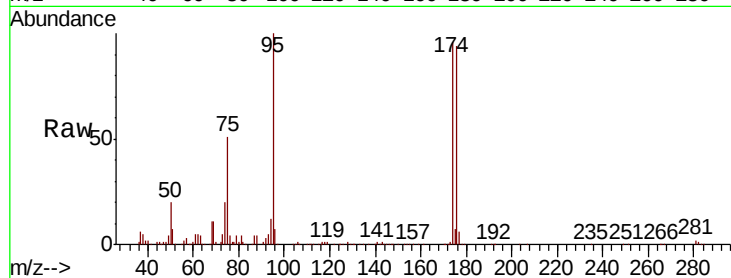
Tot Ion: 95 Resp: 408659

Ion Ratio Lower Upper

95 100

174 96.8 0.0 183.6

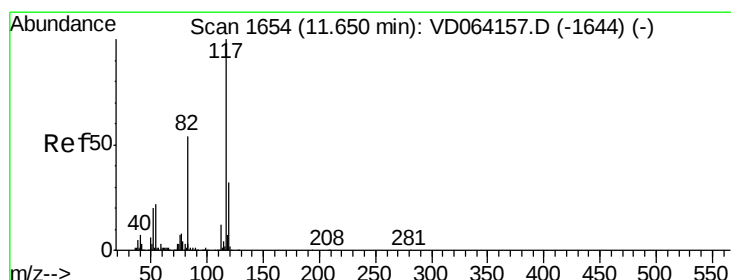
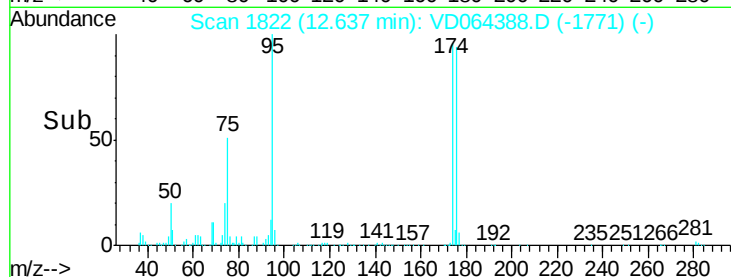
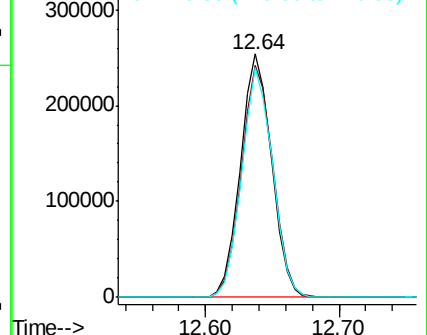
176 93.7 0.0 180.2



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD064388.D

Acq: 26 Nov 2019 17:11

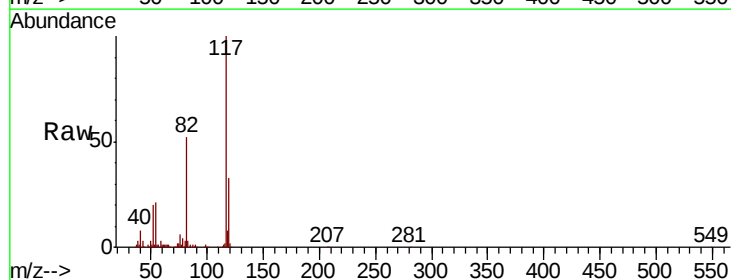
Tgt Ion: 117 Resp: 973912

Ion Ratio Lower Upper

117 100

82 52.2 42.8 64.2

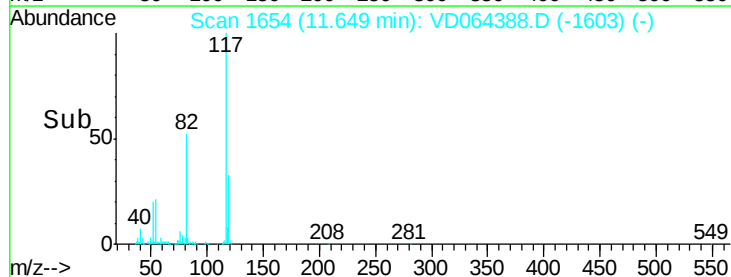
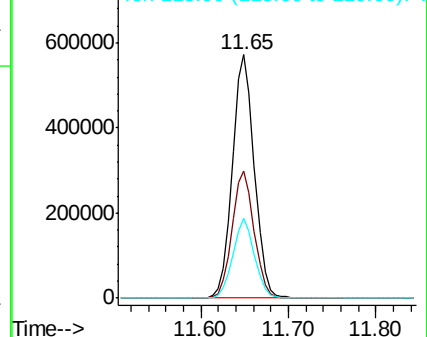
119 32.5 25.6 38.4

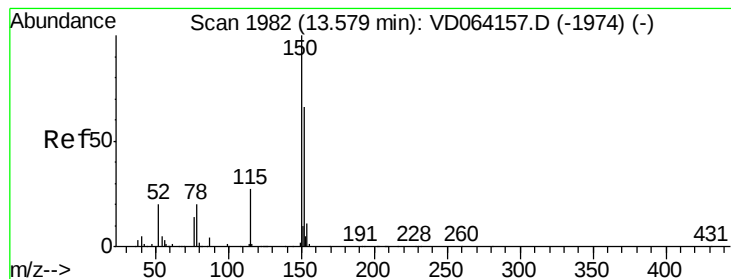


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064388.D

Acq: 26 Nov 2019 17:11

Instrument :

MSVOA_D

ClientSampleId :

B-5-(0.5-1.0)

Tot Ion:152 Resp: 457852

Ion Ratio Lower Upper

152 100

115 54.4 27.4 82.2

150 156.5 0.0 351.6

