

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052919\
 Data File : VN055884.D
 Acq On : 29 May 2019 17:53
 Operator : JC/SP
 Sample : K3082-04 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Quant Time: May 30 07:28:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N052219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 23 05:54:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	50099	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	269993	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	216228	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	102503	31.30	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.33%
60) 4-Bromofluorobenzene	12.40	95	79805	23.73	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	79.10%
63) Toluene-d8	10.09	98	314727	31.85	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	106.17%

Target Compounds

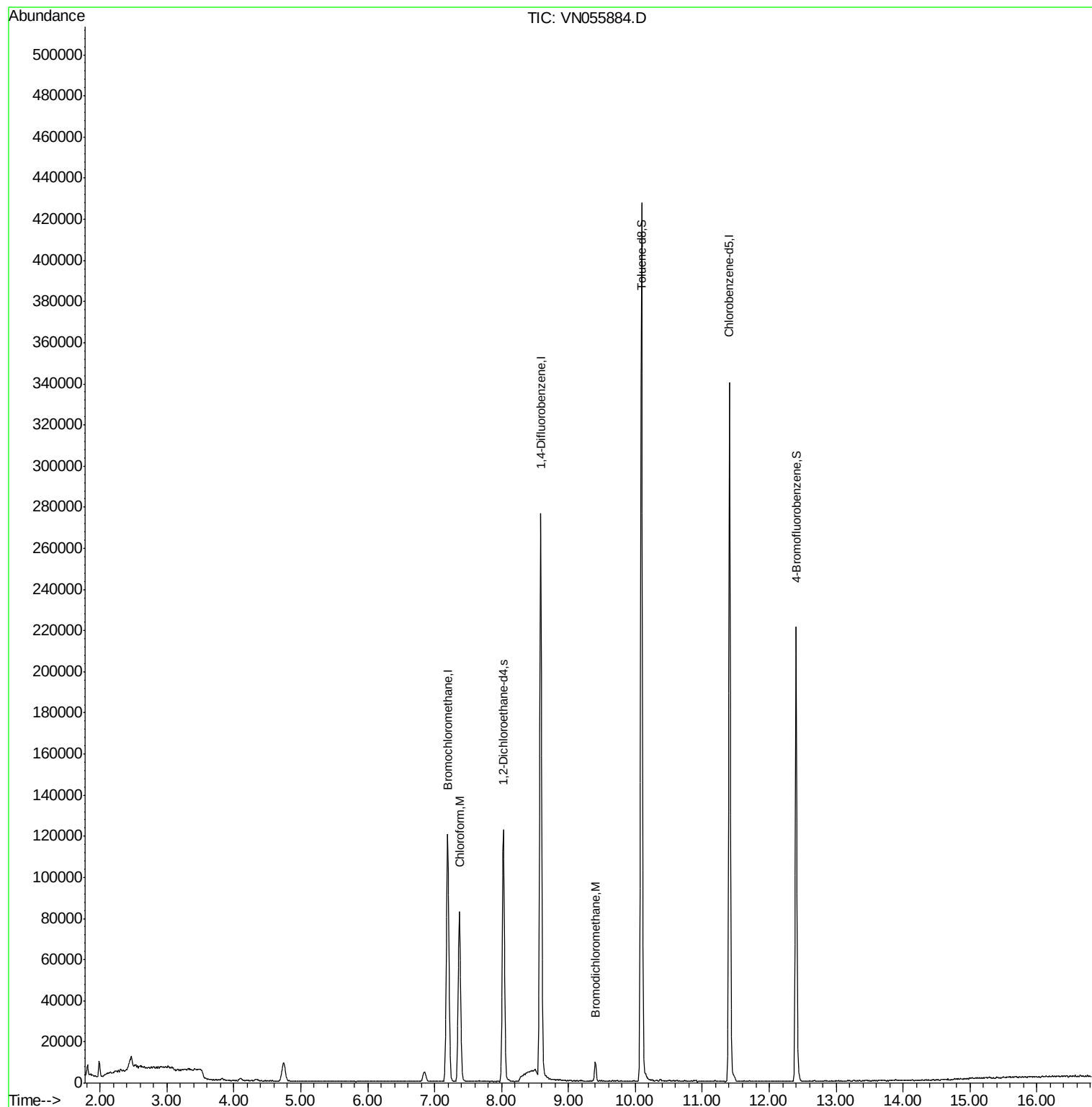
					Ovalue
25) Chloroform	7.37	83	89223	17.301	ug/l 96
41) Bromodichloromethane	9.40	83	6924	1.668	ug/l 98

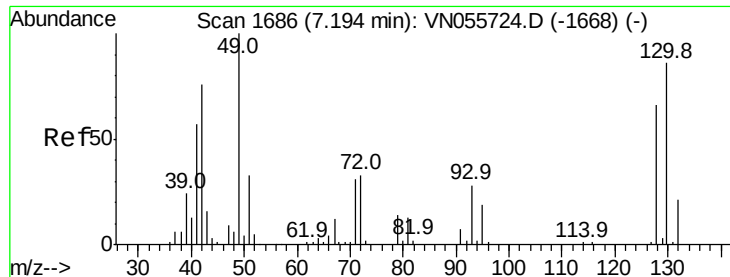
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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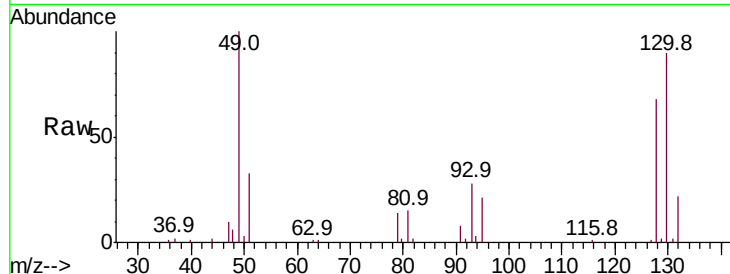




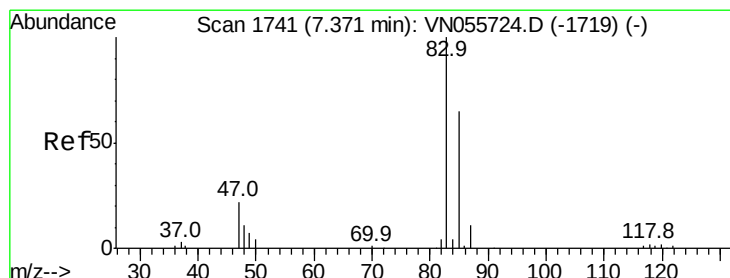
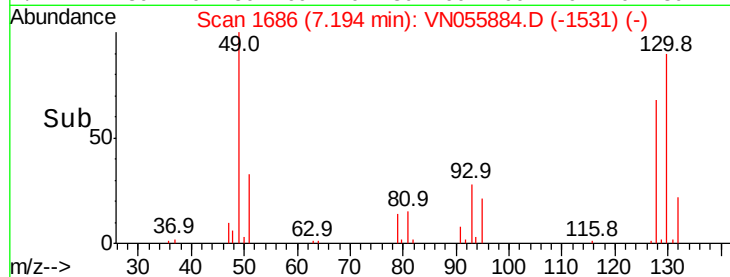
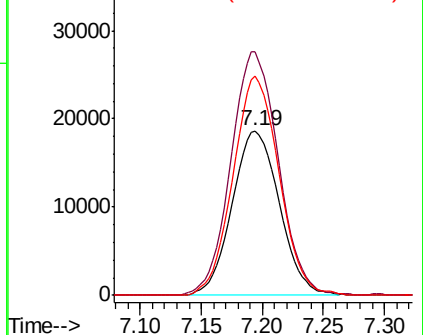
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN055884.D
 Acq: 29 May 2019 17:53

Instrument :
 MSVOA_N
 ClientSampled :
 14B-4

Tot Ion:128 Resp: 50099
 Ion Ratio Lower Upper
 128 100
 49 148.8 0.0 383.2
 130 130.0 0.0 326.3

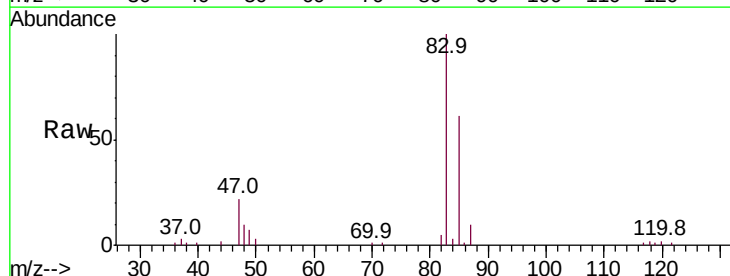


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

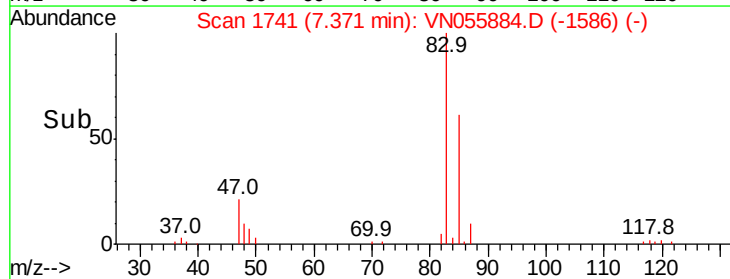
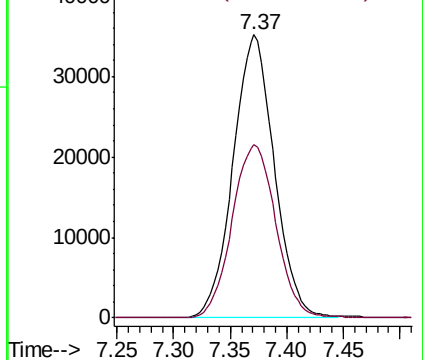


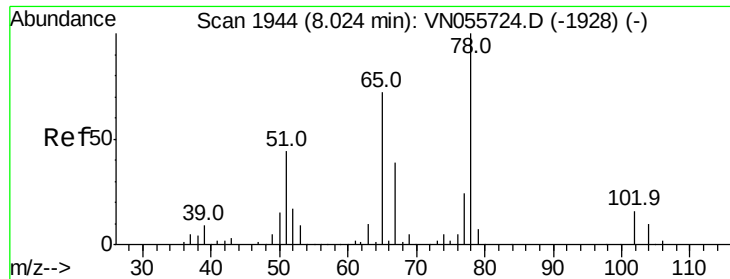
#25
 Chloroform
 Concen: 17.301 ug/l
 RT: 7.37 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VN055884.D
 Acq: 29 May 2019 17:53

Tgt Ion: 83 Resp: 89223
 Ion Ratio Lower Upper
 83 100
 85 61.4 51.7 77.5



Abundance Ion 83.00 (82.70 to 83.70): VN
 Ion 85.00 (84.70 to 85.70): VN

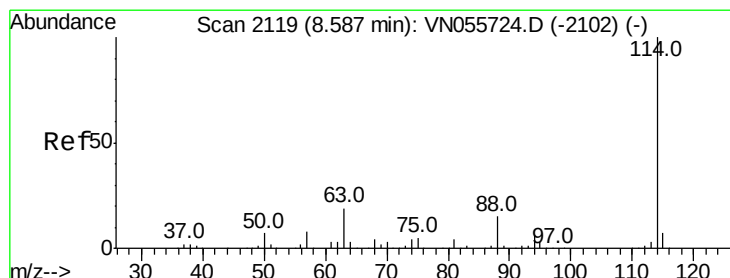
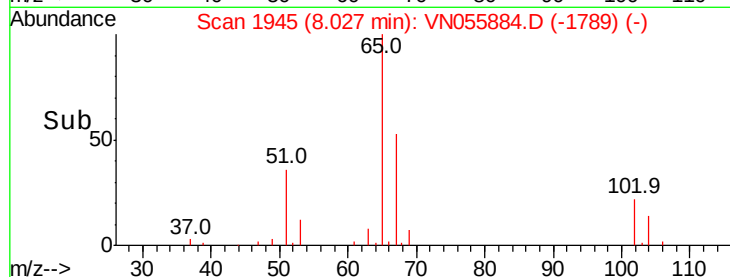
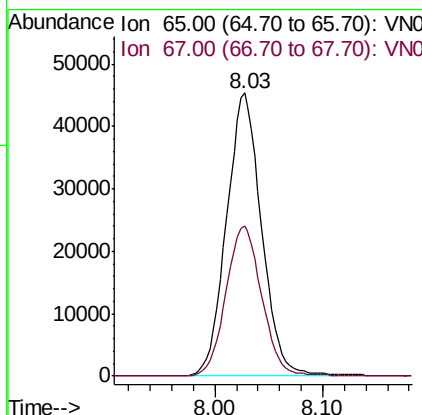
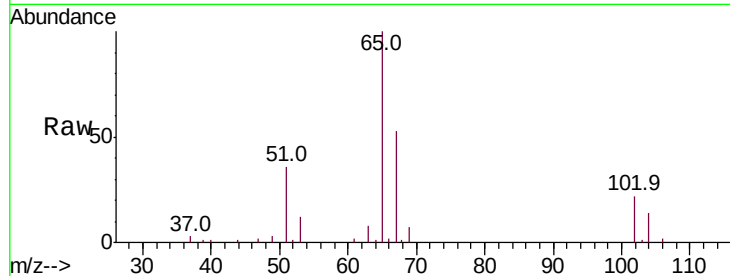




#27
 1,2-Dichloroethane-d4
 Concen: 31.302 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055884.D
 Acq: 29 May 2019 17:53

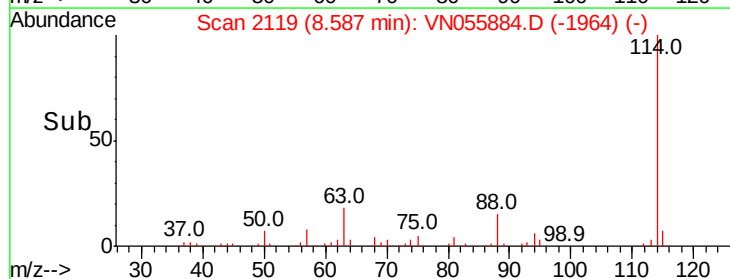
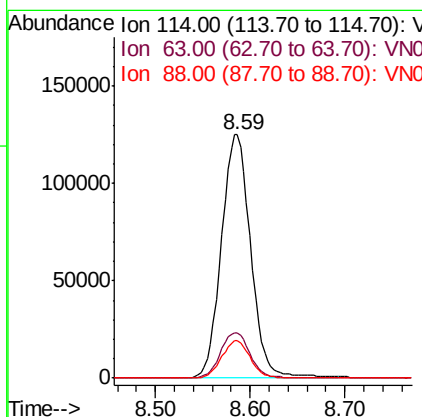
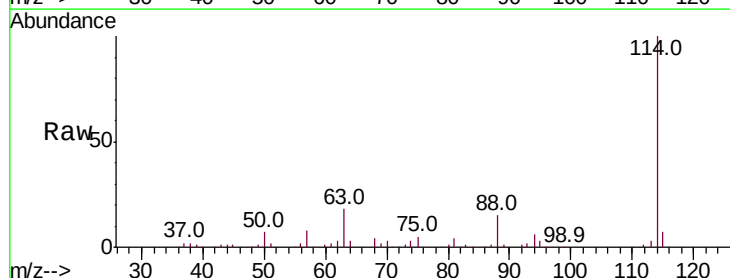
Instrument :
 MSVOA_N
 ClientSampled :
 14B-4

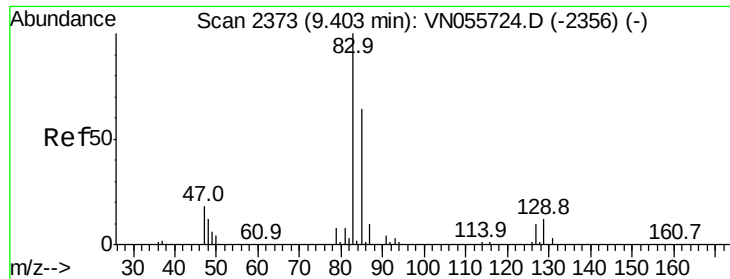
Tot Ion: 65 Resp: 102503
 Ion Ratio Lower Upper
 65 100
 67 54.1 43.5 65.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055884.D
 Acq: 29 May 2019 17:53

Tgt Ion: 114 Resp: 269993
 Ion Ratio Lower Upper
 114 100
 63 18.6 15.6 23.4
 88 15.0 12.3 18.5





#41

Bromodichloromethane

Concen: 1.668 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055884.D

Acq: 29 May 2019 17:53

Instrument :

MSVOA_N

ClientSampleId :

14B-4

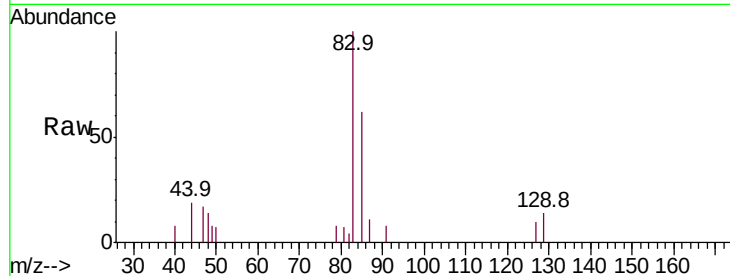
Tot Ion: 83 Resp: 6924

Ion Ratio Lower Upper

83 100

85 62.5 51.4 77.0

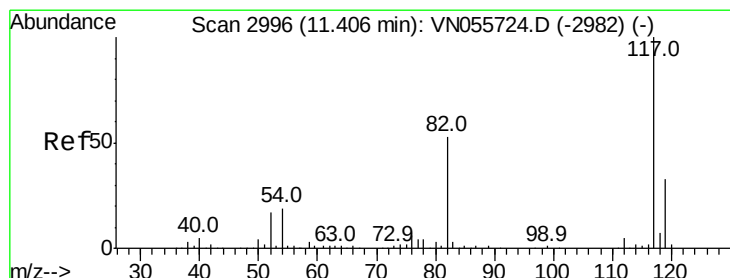
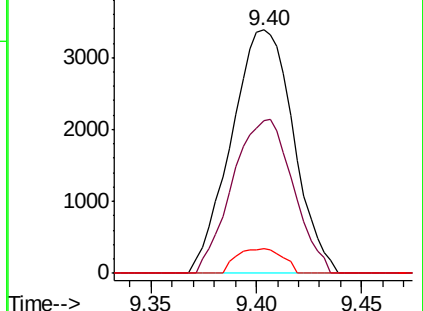
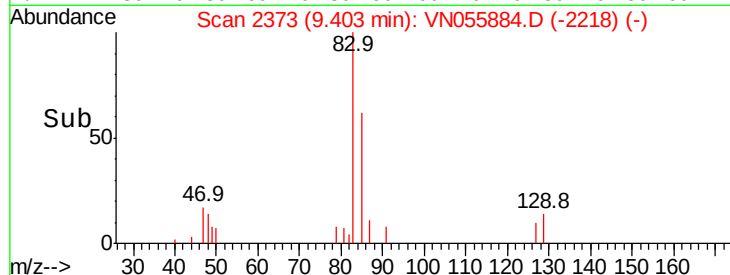
127 10.0 7.7 11.5



Abundance Ion 83.00 (82.70 to 83.70): VN055884.D (-2218) (-)

Ion 85.00 (84.70 to 85.70): VN055884.D (-2218) (-)

Ion 127.00 (126.70 to 127.70): VN055884.D (-2218) (-)



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055884.D

Acq: 29 May 2019 17:53

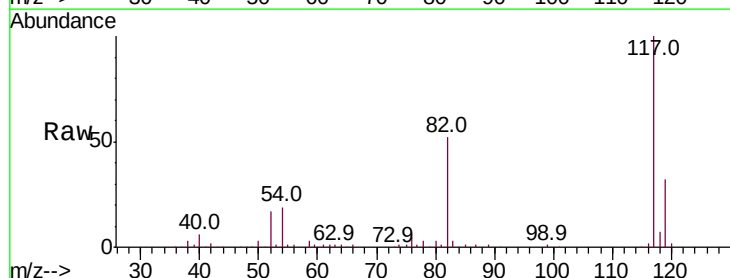
Tgt Ion: 117 Resp: 216228

Ion Ratio Lower Upper

117 100

82 52.7 42.6 64.0

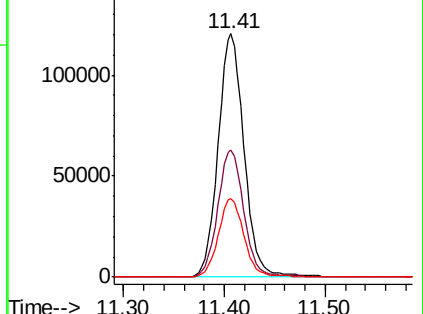
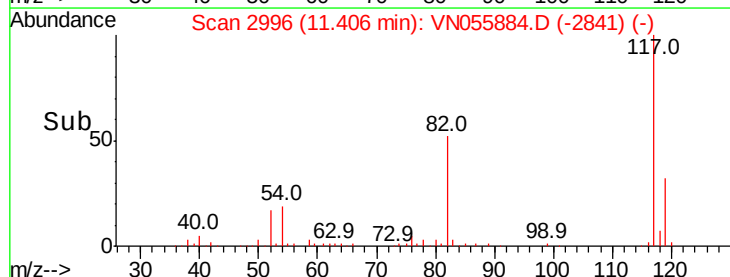
119 32.0 25.9 38.9

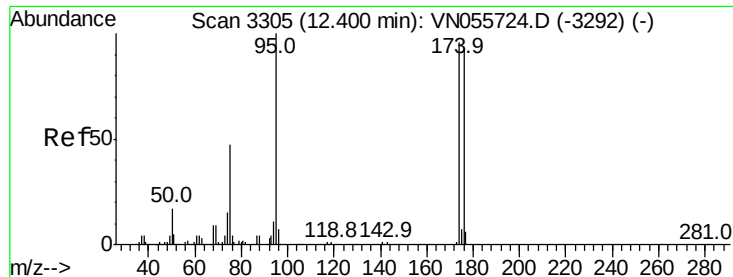


Abundance Ion 117.00 (116.70 to 117.70): VN055884.D (-2841) (-)

Ion 82.00 (81.70 to 82.70): VN055884.D (-2841) (-)

Ion 119.00 (118.70 to 119.70): VN055884.D (-2841) (-)





#60

4-Bromofluorobenzene

Concen: 23.726 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055884.D

Acq: 29 May 2019 17:53

Instrument :

MSVOA_N

ClientSampled :

14B-4

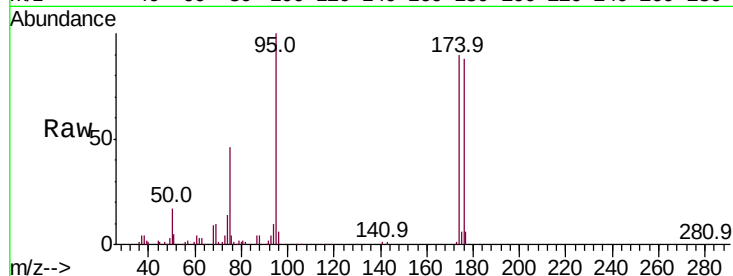
Tot Ion: 95 Resp: 79805

Ion Ratio Lower Upper

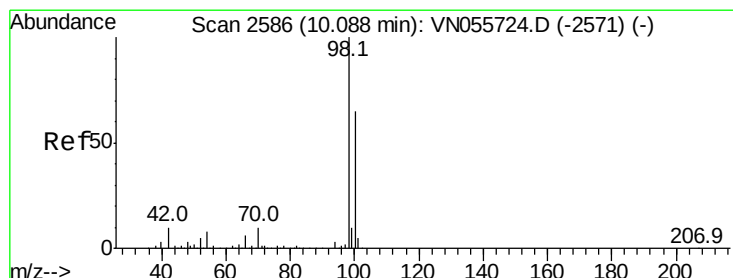
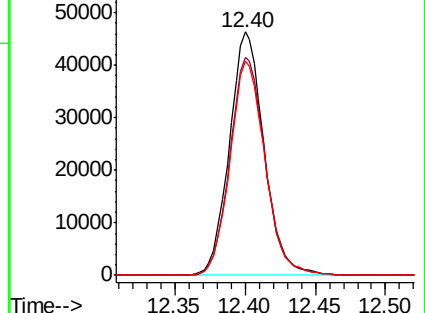
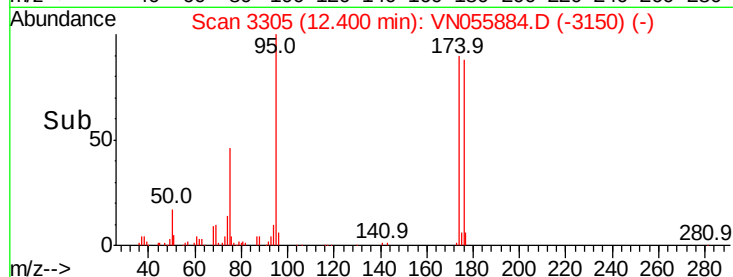
95 100

174 91.0 75.7 113.5

176 89.0 74.1 111.1



Abundance Ion 95.00 (94.70 to 95.70): VN055884.D (-3150) (-)



#63

Toluene-d8

Concen: 31.850 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055884.D

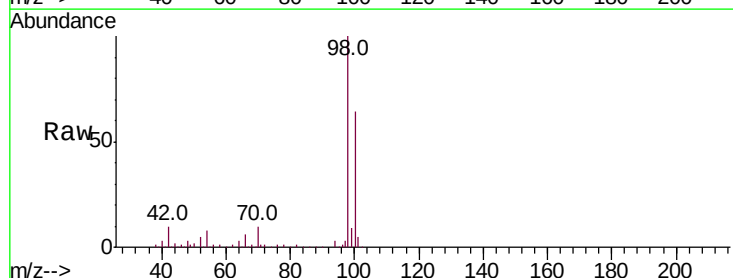
Acq: 29 May 2019 17:53

Tgt Ion: 98 Resp: 314727

Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN055884.D (-2431) (-)

