

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052919\
 Data File : VN055877.D
 Acq On : 29 May 2019 14:58
 Operator : JC/SP
 Sample : K3070-04 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Quant Time: May 30 09:11:26 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	54185	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	283564	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	227082	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	106041	29.94	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.80%
60) 4-Bromofluorobenzene	12.40	95	81152	22.97	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	76.57%
63) Toluene-d8	10.09	98	329349	31.74	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	105.80%

Target Compounds

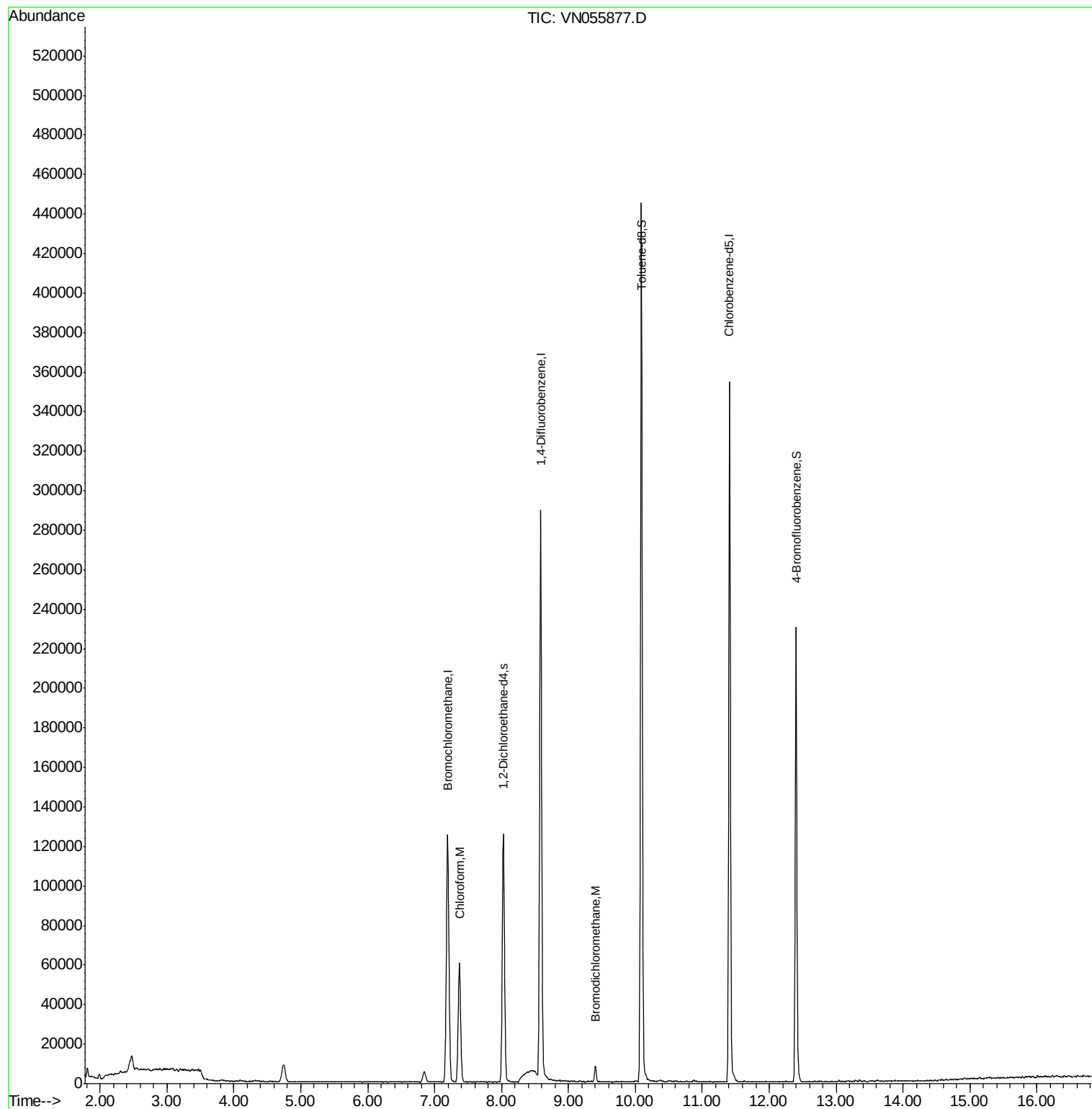
					Ovalue	
25) Chloroform	7.37	83	65943	11.822	ug/l	99
41) Bromodichloromethane	9.40	83	5714	1.310	ug/l #	99

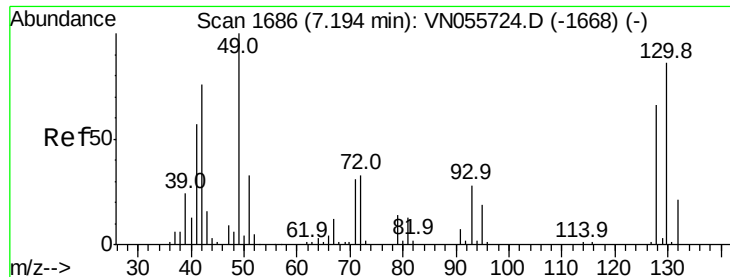
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055877.D

Acq: 29 May 2019 14:58

Instrument :

MSVOA_N

ClientSampled :

14B-4

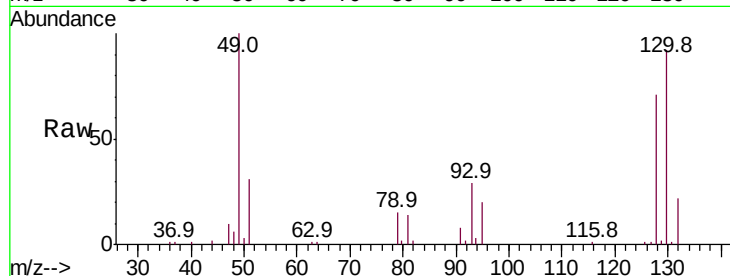
Tot Ion:128 Resp: 54185

Ion Ratio Lower Upper

128 100

49 139.5 0.0 383.2

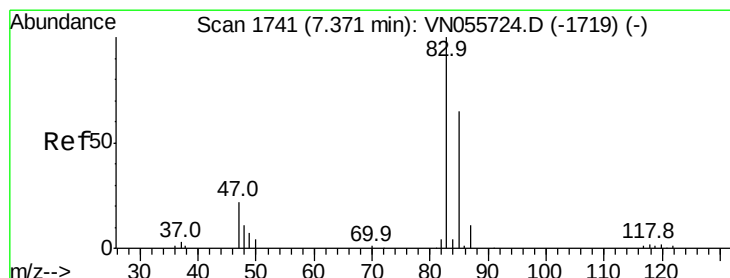
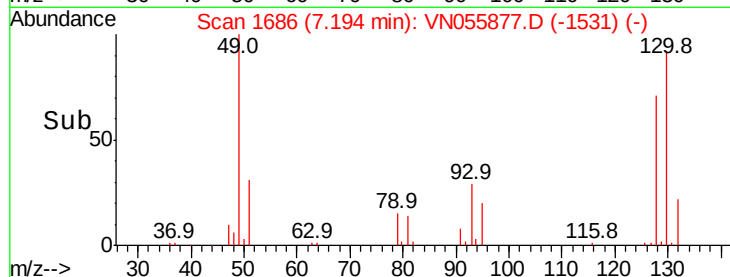
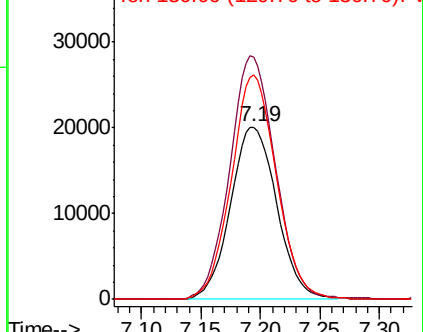
130 127.2 0.0 326.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#25

Chloroform

Concen: 11.822 ug/l

RT: 7.37 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VN055877.D

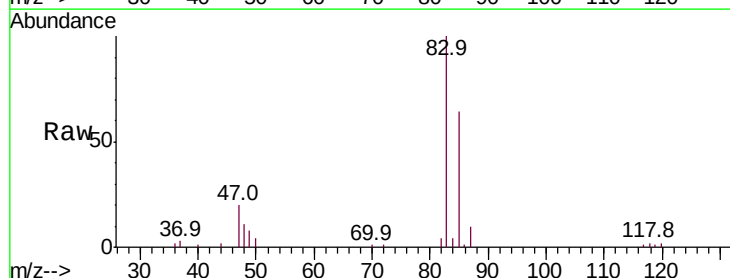
Acq: 29 May 2019 14:58

Tgt Ion: 83 Resp: 65943

Ion Ratio Lower Upper

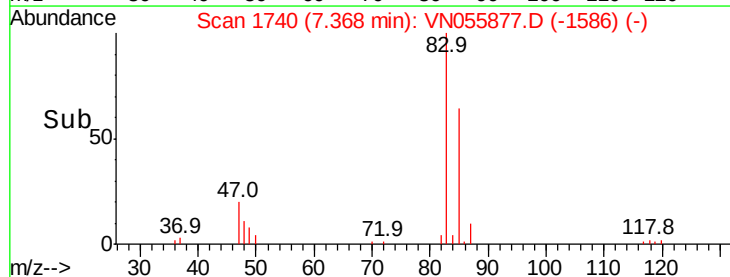
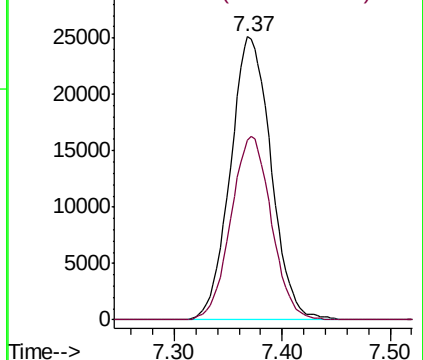
83 100

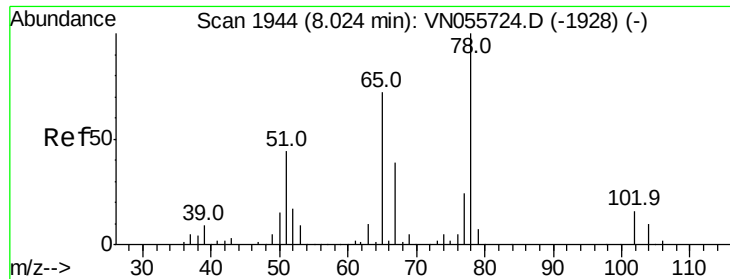
85 63.5 51.7 77.5



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

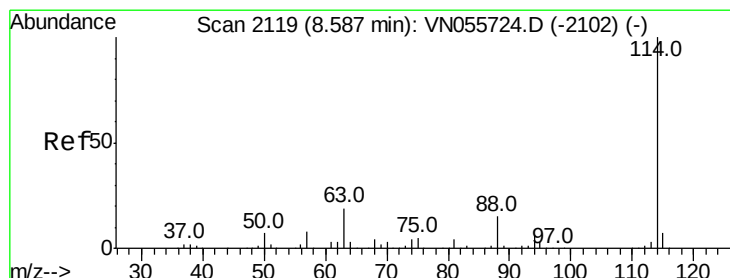
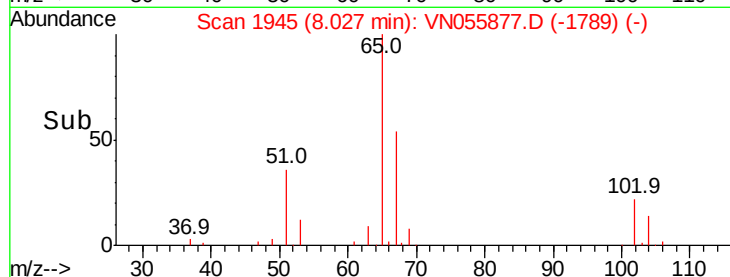
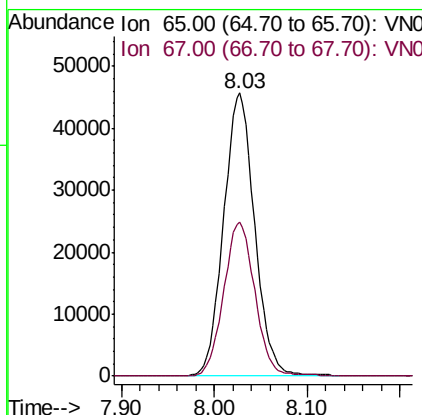
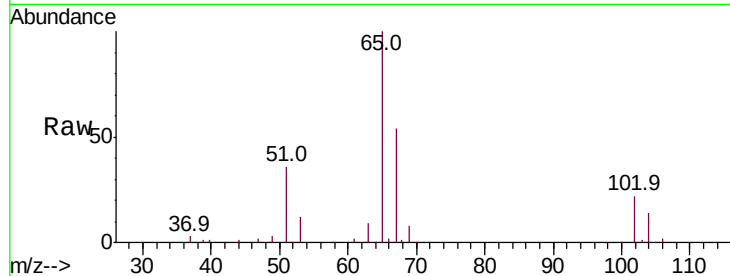




#27
 1,2-Dichloroethane-d4
 Concen: 29.941 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055877.D
 Acq: 29 May 2019 14:58

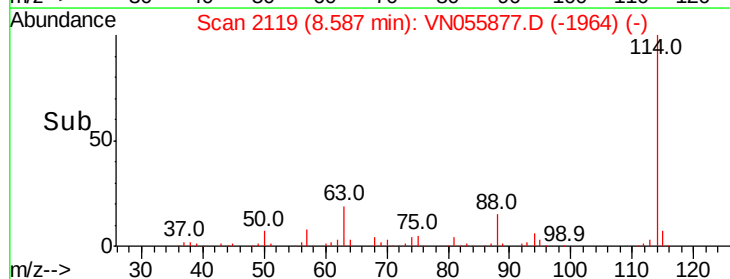
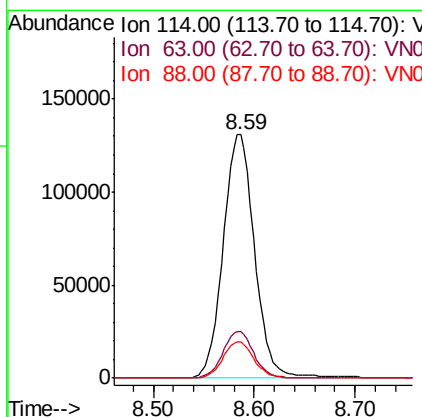
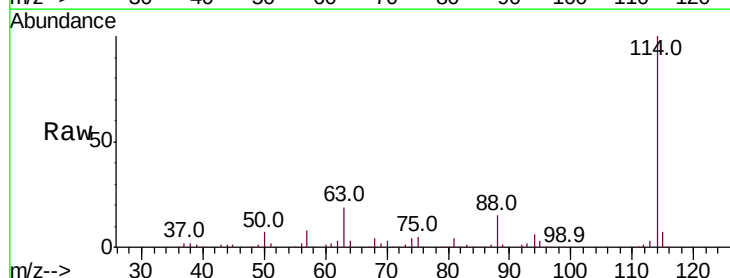
Instrument :
 MSVOA_N
 ClientSampled :
 14B-4

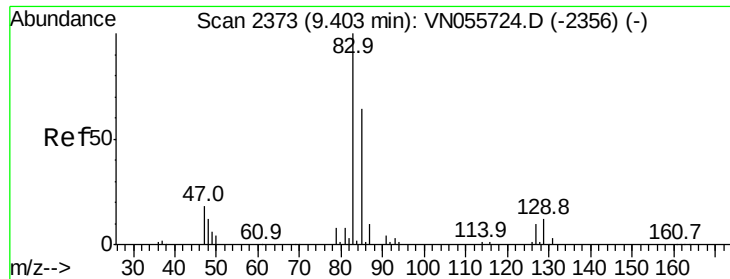
Tot Ion: 65 Resp: 106041
 Ion Ratio Lower Upper
 65 100
 67 54.4 43.5 65.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055877.D
 Acq: 29 May 2019 14:58

Tgt Ion: 114 Resp: 283564
 Ion Ratio Lower Upper
 114 100
 63 18.9 15.6 23.4
 88 14.7 12.3 18.5





#41

Bromodichloromethane

Concen: 1.310 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055877.D

Acq: 29 May 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

14B-4

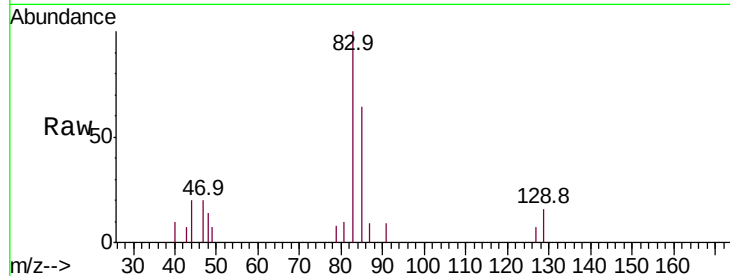
Tot Ion: 83 Resp: 5714

Ion Ratio Lower Upper

83 100

85 64.4 51.4 77.0

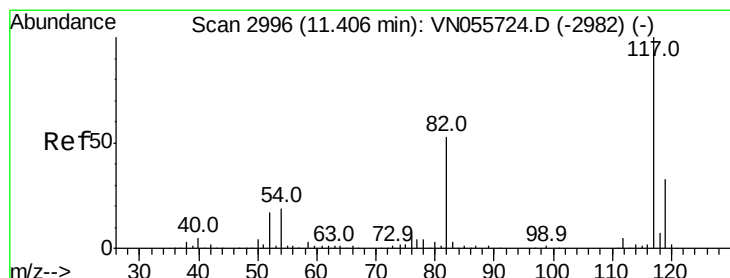
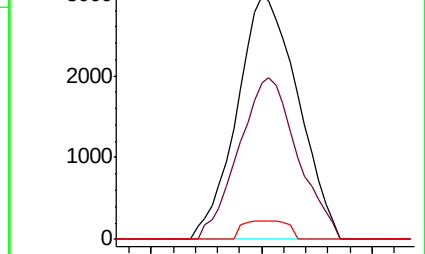
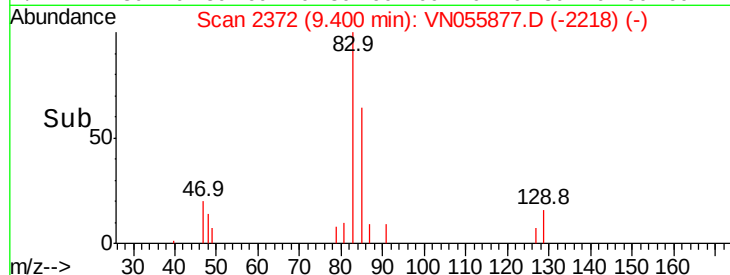
127 7.5 7.7 11.5#



Abundance Ion 83.00 (82.70 to 83.70): VN055877.D (-2356) (-)

Ion 85.00 (84.70 to 85.70): VN055877.D (-2356) (-)

Ion 127.00 (126.70 to 127.70): VN055877.D (-2356) (-)



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055877.D

Acq: 29 May 2019 14:58

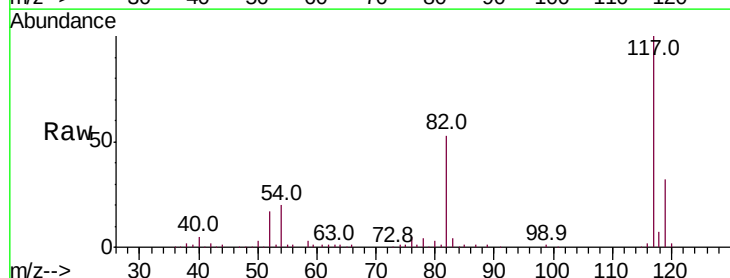
Tgt Ion: 117 Resp: 227082

Ion Ratio Lower Upper

117 100

82 52.1 42.6 64.0

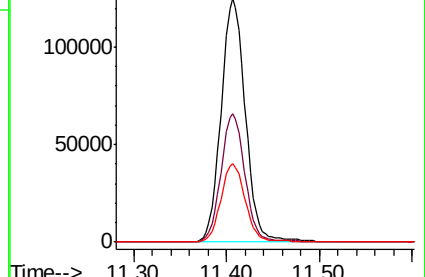
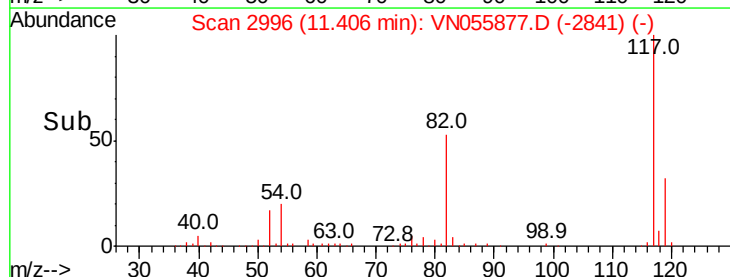
119 31.9 25.9 38.9

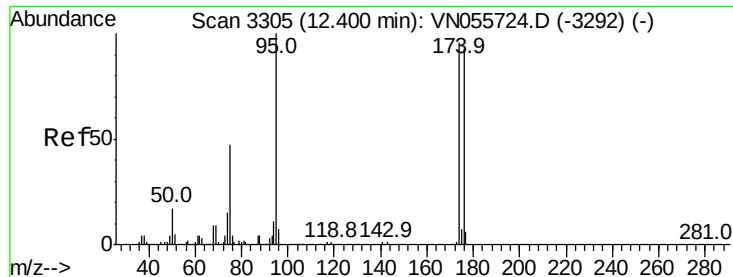


Abundance Ion 117.00 (116.70 to 117.70): VN055877.D (-2982) (-)

Ion 82.00 (81.70 to 82.70): VN055877.D (-2982) (-)

Ion 119.00 (118.70 to 119.70): VN055877.D (-2982) (-)





#60

4-Bromofluorobenzene

Concen: 22.973 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055877.D

Acq: 29 May 2019 14:58

Instrument :

MSVOA_N

ClientSampled :

14B-4

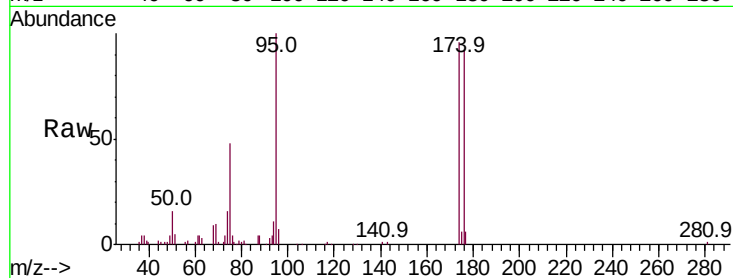
Tot Ion: 95 Resp: 81152

Ion Ratio Lower Upper

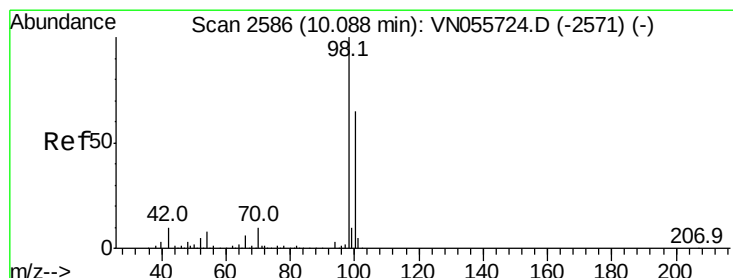
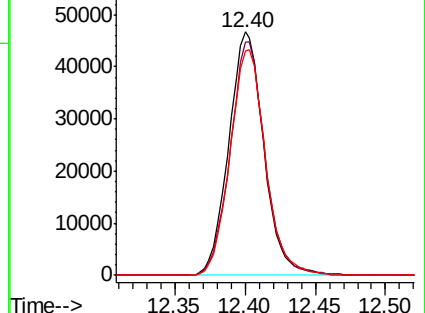
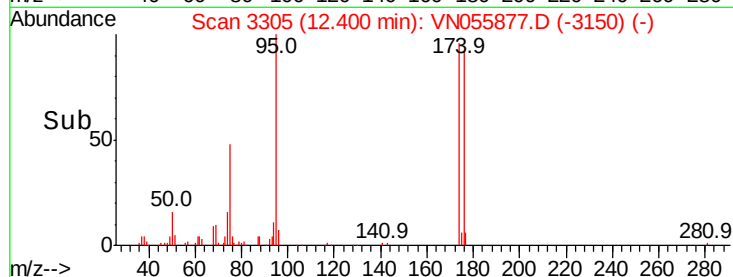
95 100

174 95.4 75.7 113.5

176 93.6 74.1 111.1



Abundance Ion 95.00 (94.70 to 95.70): VN055877.D (-3150) (-)



#63

Toluene-d8

Concen: 31.737 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055877.D

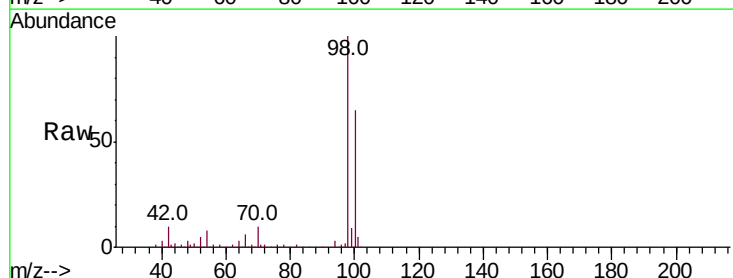
Acq: 29 May 2019 14:58

Tgt Ion: 98 Resp: 329349

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN055877.D (-2431) (-)

