

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052919\
 Data File : VN055873.D
 Acq On : 29 May 2019 13:18
 Operator : JC/SP
 Sample : K3070-01 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

Quant Time: May 30 07:11:13 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	54369	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	285997	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	233085	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	106003	29.83	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.43%
60) 4-Bromofluorobenzene	12.40	95	87320	24.08	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	80.27%
63) Toluene-d8	10.09	98	334207	31.38	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	104.60%

Target Compounds

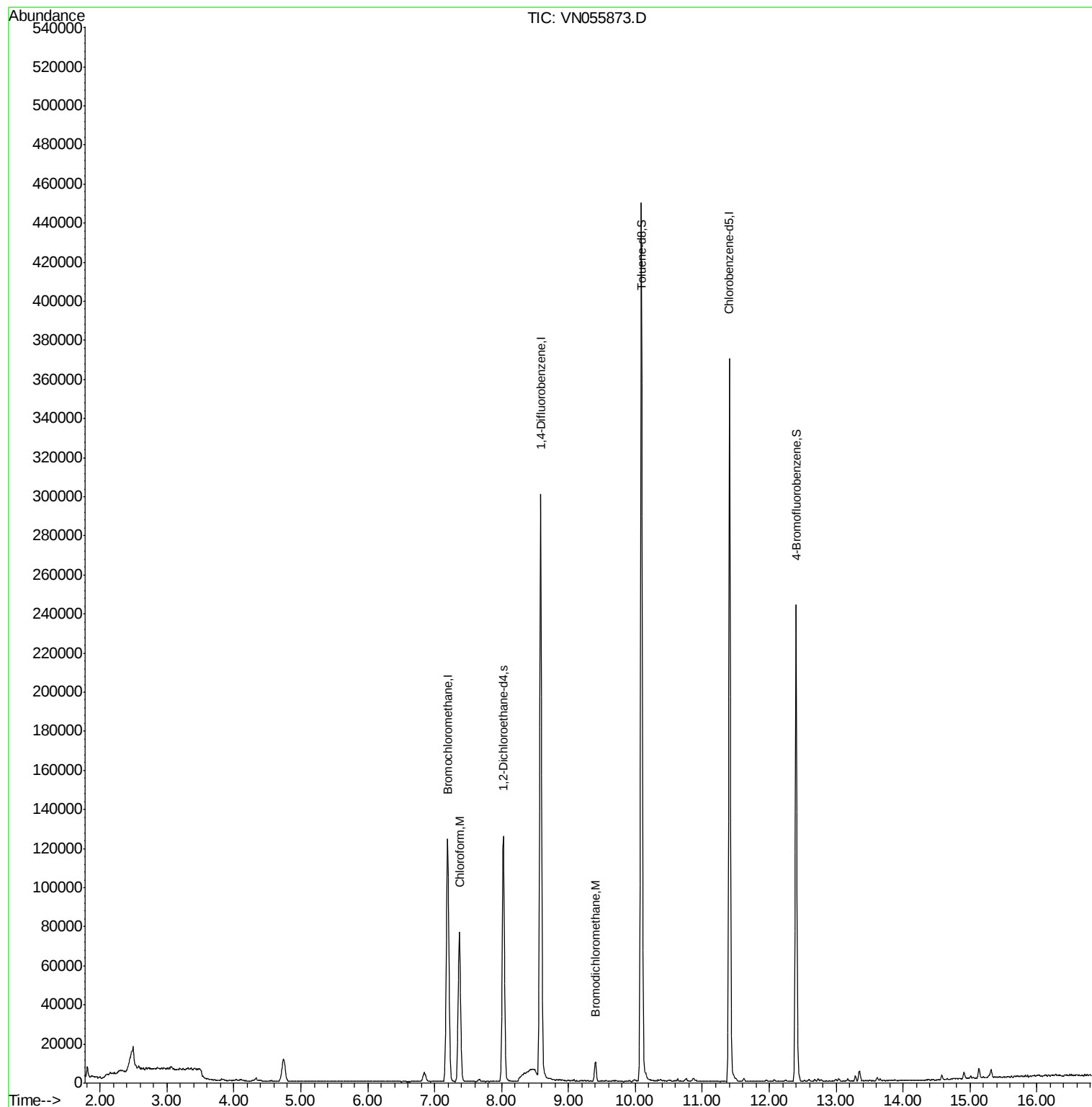
					Ovalue
25) Chloroform	7.37	83	81681	14.594	ug/l 98
41) Bromodichloromethane	9.40	83	7041	1.601	ug/l 92

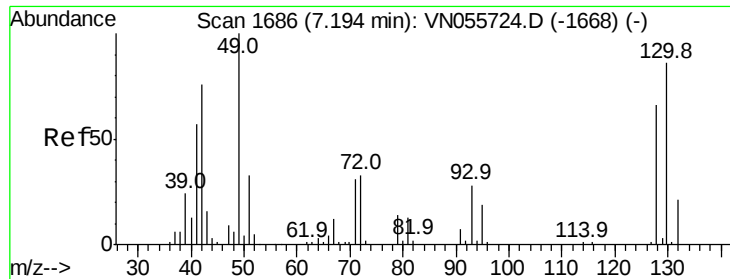
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052919\
Data File : VN055873.D
Acq On : 29 May 2019 13:18
Operator : JC/SP
Sample : K3070-01 10X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
14B-1

Quant Time: May 30 07:11:13 2019
Quant Method : Z:\V0ASRV\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

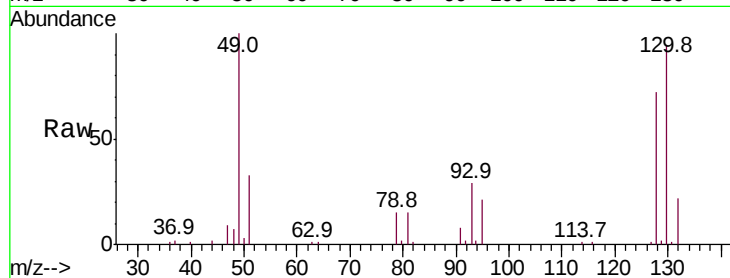




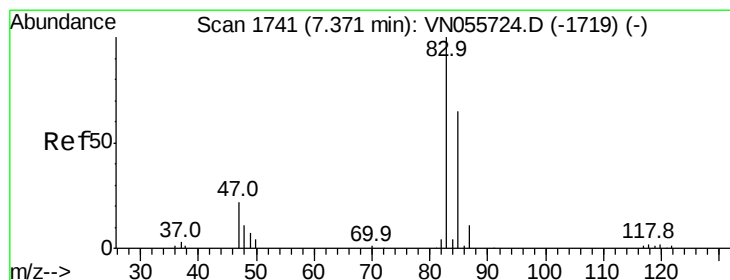
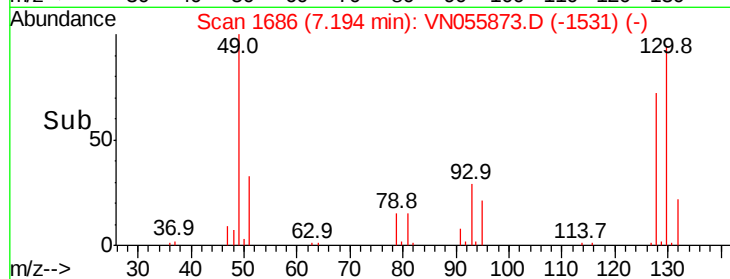
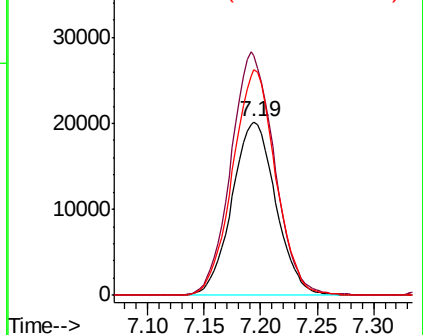
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN055873.D
 Acq: 29 May 2019 13:18

Instrument :
 MSVOA_N
 ClientSampled :
 14B-1

Tot Ion:128 Resp: 54369
 Ion Ratio Lower Upper
 128 100
 49 139.5 0.0 383.2
 130 127.9 0.0 326.3

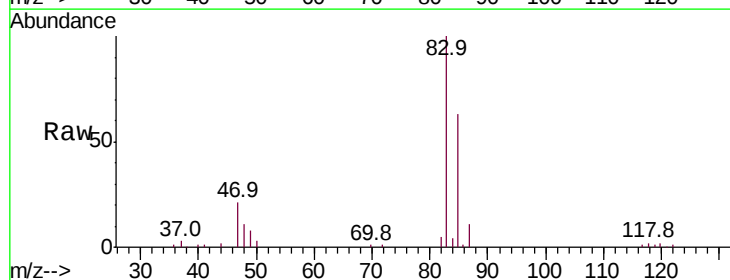


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN0
 Ion 130.00 (129.70 to 130.70): V

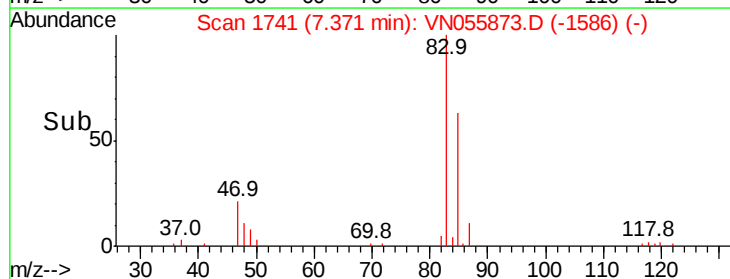
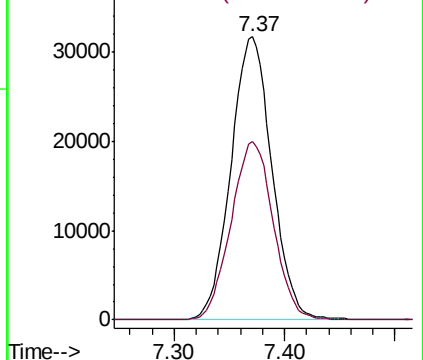


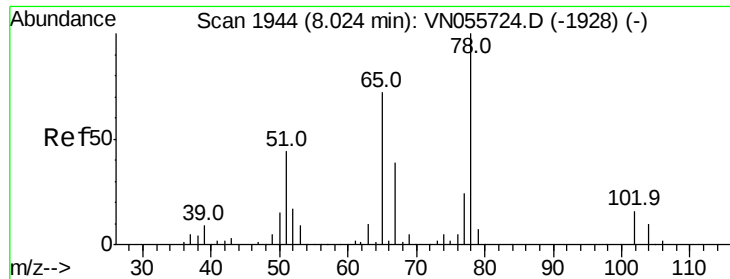
#25
 Chloroform
 Concen: 14.594 ug/l
 RT: 7.37 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VN055873.D
 Acq: 29 May 2019 13:18

Tgt Ion: 83 Resp: 81681
 Ion Ratio Lower Upper
 83 100
 85 63.0 51.7 77.5



Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 85.00 (84.70 to 85.70): VN0

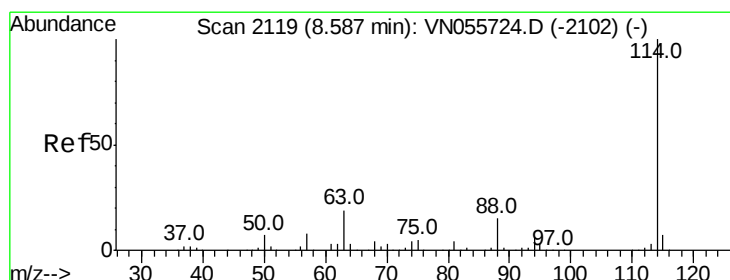
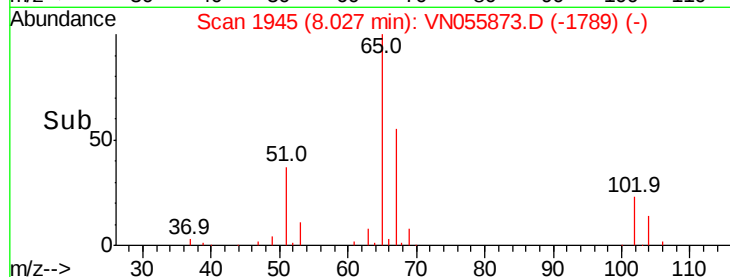
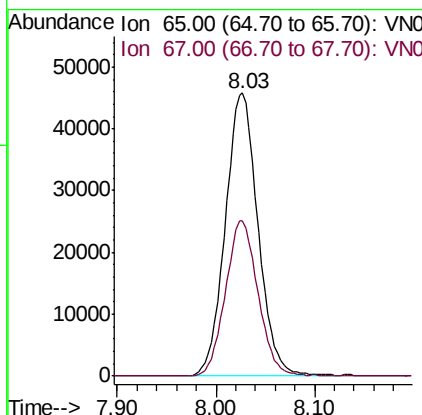
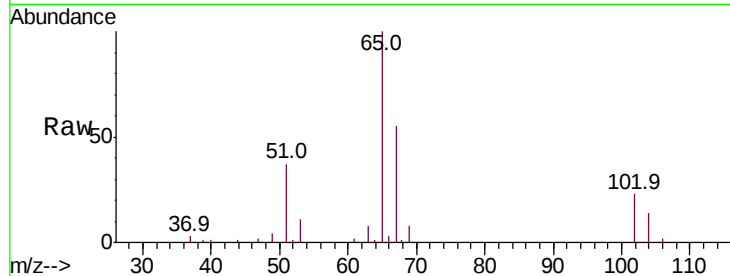




#27
 1,2-Dichloroethane-d4
 Concen: 29.829 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055873.D
 Acq: 29 May 2019 13:18

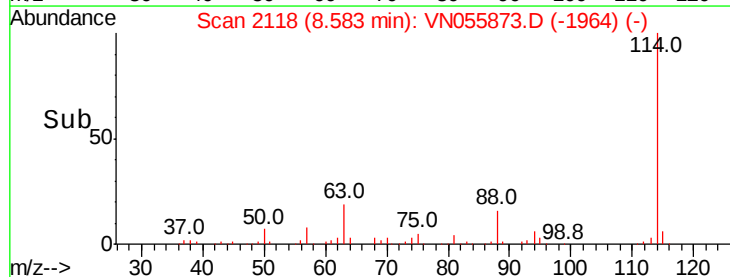
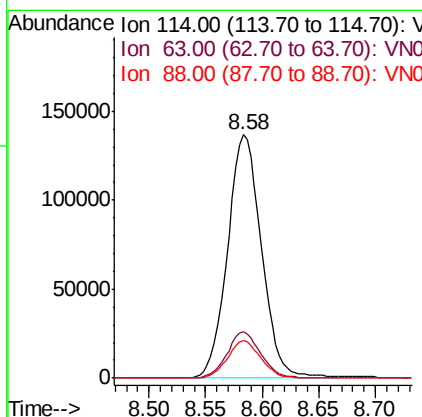
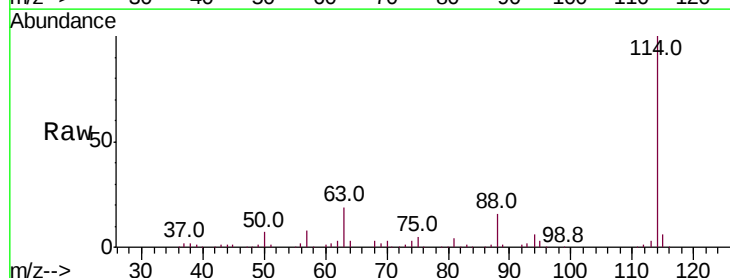
Instrument :
 MSVOA_N
 ClientSampled :
 14B-1

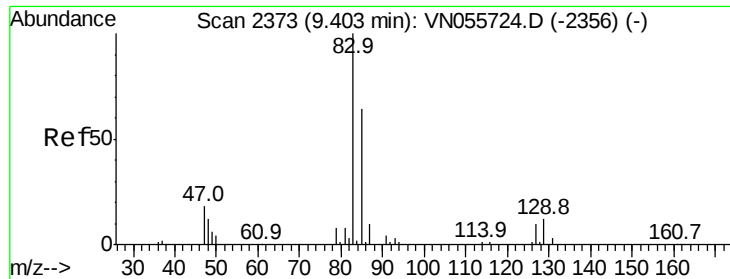
Tot Ion: 65 Resp: 106003
 Ion Ratio Lower Upper
 65 100
 67 54.6 43.5 65.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055873.D
 Acq: 29 May 2019 13:18

Tgt Ion: 114 Resp: 285997
 Ion Ratio Lower Upper
 114 100
 63 18.9 15.6 23.4
 88 15.1 12.3 18.5





#41

Bromodichloromethane

Concen: 1.601 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055873.D

Acq: 29 May 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

14B-1

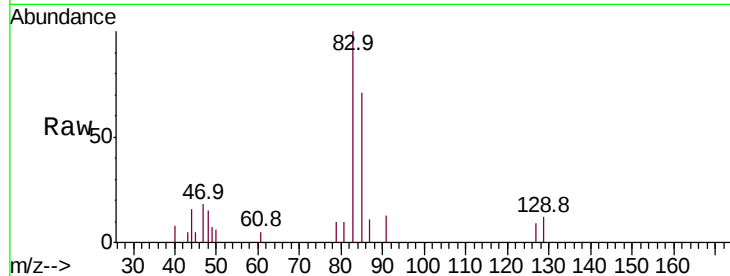
Tot Ion: 83 Resp: 7041

Ion Ratio Lower Upper

83 100

85 71.1 51.4 77.0

127 8.8 7.7 11.5

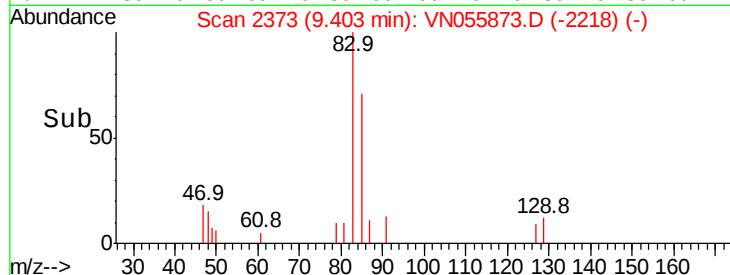


Abundance Ion 83.00 (82.70 to 83.70): VN055873.D (-2356) (-)

Ion 85.00 (84.70 to 85.70): VN055873.D (-2356) (-)

Ion 127.00 (126.70 to 127.70): VN055873.D (-2356) (-)

Time-->

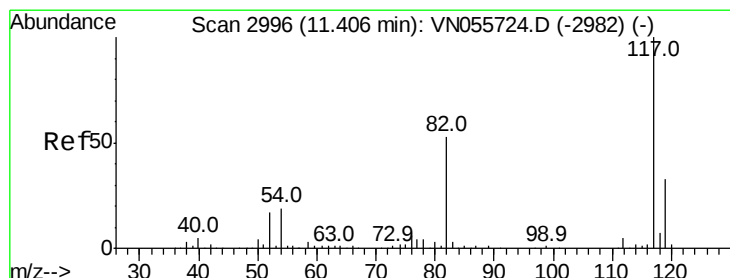


Abundance Ion 83.00 (82.70 to 83.70): VN055873.D (-2218) (-)

Ion 85.00 (84.70 to 85.70): VN055873.D (-2218) (-)

Ion 127.00 (126.70 to 127.70): VN055873.D (-2218) (-)

Time-->



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055873.D

Acq: 29 May 2019 13:18

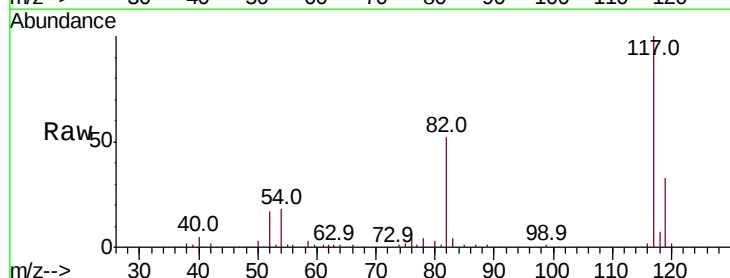
Tgt Ion: 117 Resp: 233085

Ion Ratio Lower Upper

117 100

82 52.5 42.6 64.0

119 31.8 25.9 38.9

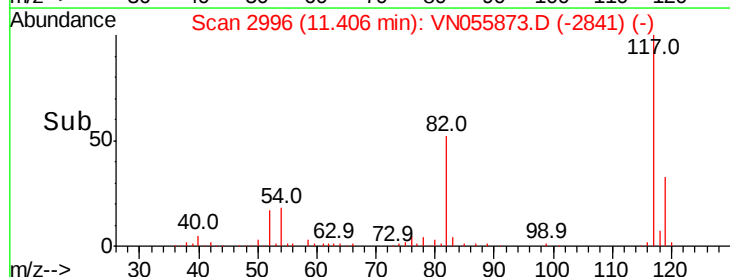


Abundance Ion 117.00 (116.70 to 117.70): VN055873.D (-2982) (-)

Ion 82.00 (81.70 to 82.70): VN055873.D (-2982) (-)

Ion 119.00 (118.70 to 119.70): VN055873.D (-2982) (-)

Time-->

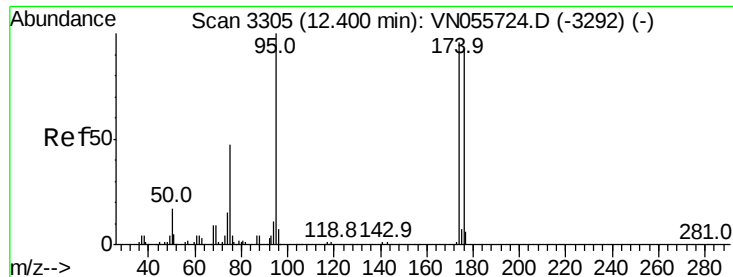


Abundance Ion 117.00 (116.70 to 117.70): VN055873.D (-2841) (-)

Ion 82.00 (81.70 to 82.70): VN055873.D (-2841) (-)

Ion 119.00 (118.70 to 119.70): VN055873.D (-2841) (-)

Time-->



#60

4-Bromofluorobenzene

Concen: 24.082 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055873.D

Acq: 29 May 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

14B-1

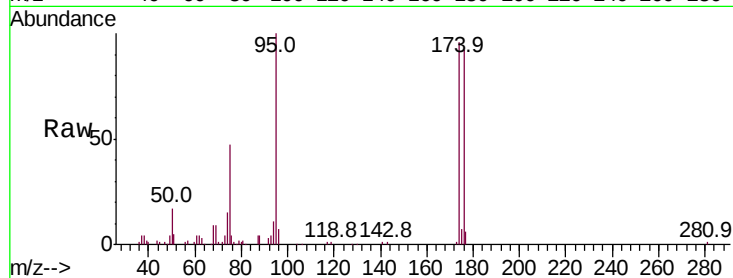
Tot Ion: 95 Resp: 87320

Ion Ratio Lower Upper

95 100

174 95.1 75.7 113.5

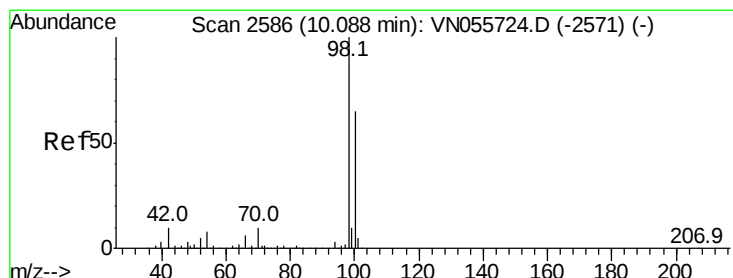
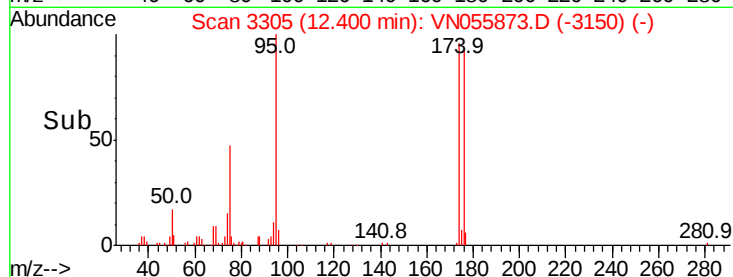
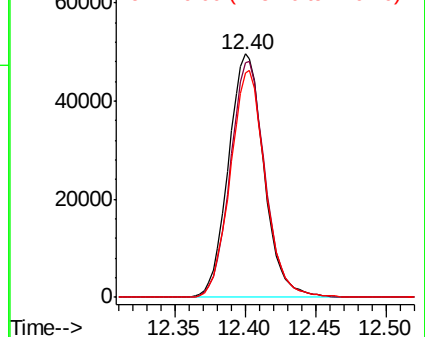
176 91.9 74.1 111.1



Abundance Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Toluene-d8

Concen: 31.376 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055873.D

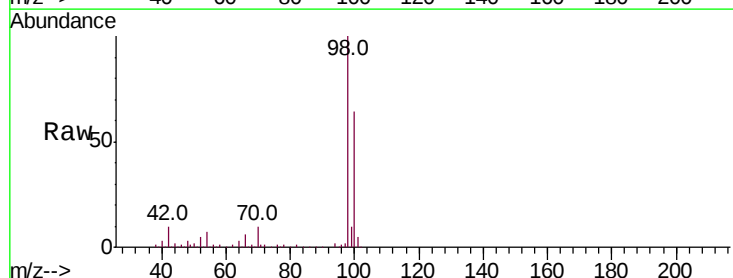
Acq: 29 May 2019 13:18

Tgt Ion: 98 Resp: 334207

Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): V

