

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050823\
 Data File : VN077619.D
 Acq On : 08 May 2023 16:08
 Operator : JC\MD
 Sample : 02642-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20230504

Quant Time: May 09 06:03:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 09 05:58:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

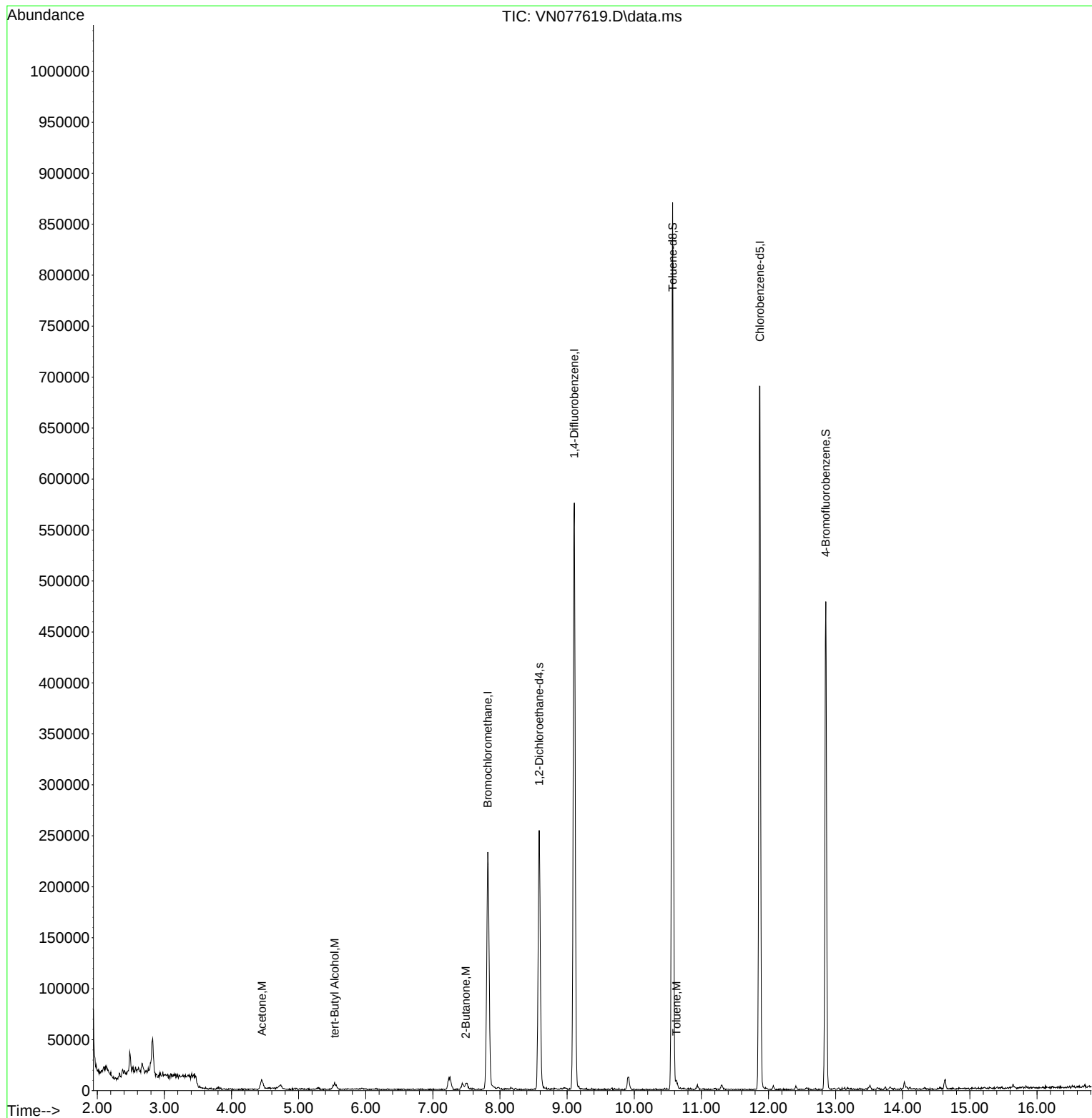
Internal Standards						
1) Bromochloromethane	7.819	128	90458	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	534417	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	430801	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	203523	31.286	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.300%
60) 4-Bromofluorobenzene	12.854	95	174202	25.431	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.767%
63) Toluene-d8	10.572	98	629148	31.620	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	105.400%
Target Compounds						
					Qvalue	
15) Acetone	4.454	58	5379	10.001	ug/l #	21
23) tert-Butyl Alcohol	5.537	59	11606m	16.717	ug/l	
30) 2-Butanone	7.489	43	8922	4.351	ug/l #	83
62) Toluene	10.630	91	5011	0.210	ug/l	99

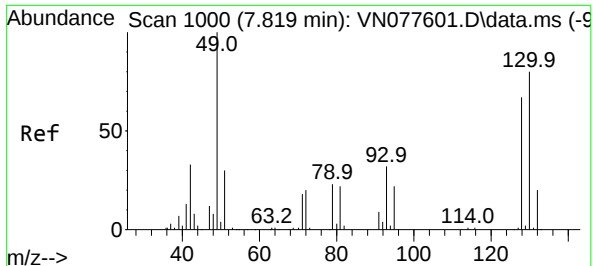
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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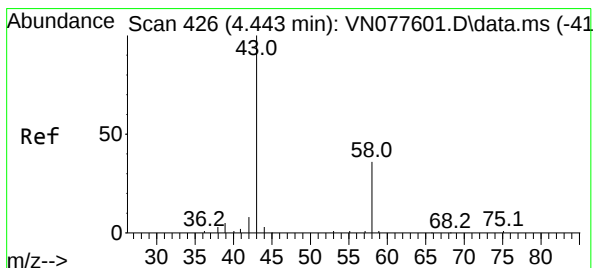
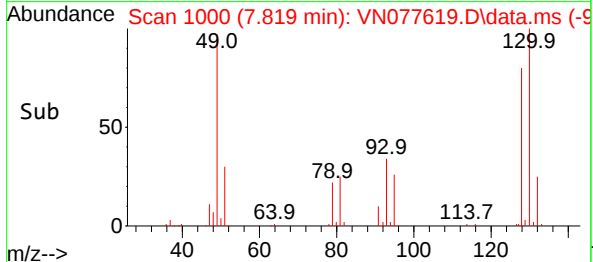
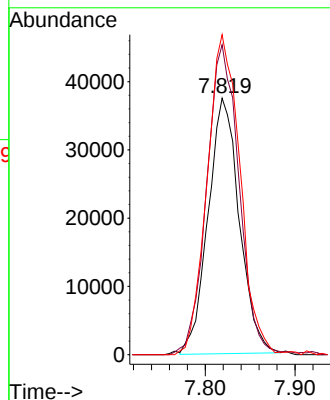
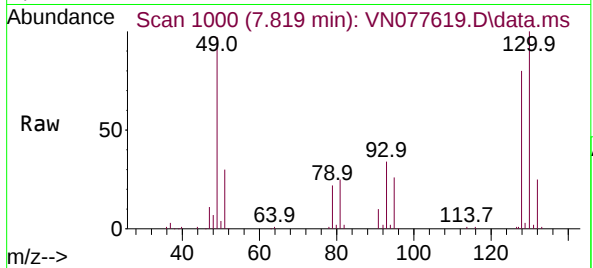




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077619.D
Acq: 08 May 2023 16:08

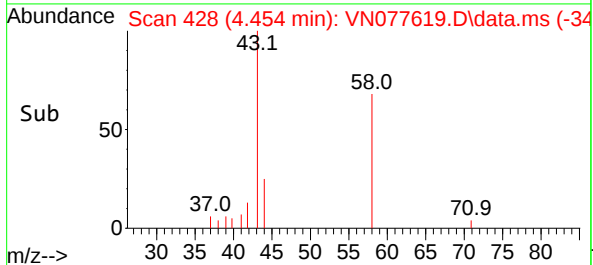
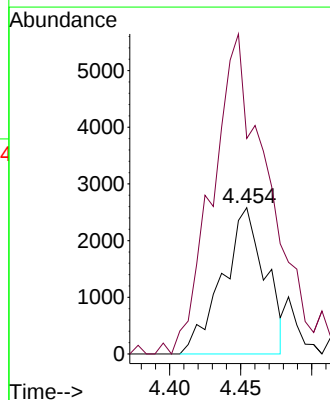
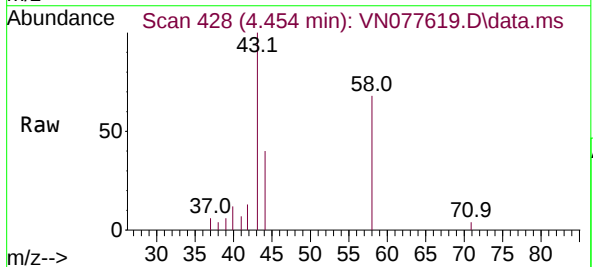
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20230504

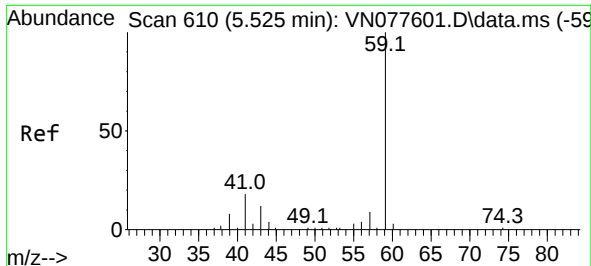
Tgt Ion:128 Resp: 90458
Ion Ratio Lower Upper
128 100
49 125.3 0.0 369.8
130 131.4 0.0 317.8



#15
Acetone
Concen: 10.001 ug/l
RT: 4.454 min Scan# 428
Delta R.T. 0.011 min
Lab File: VN077619.D
Acq: 08 May 2023 16:08

Tgt Ion: 58 Resp: 5379
Ion Ratio Lower Upper
58 100
43 131.5 223.2 334.8#

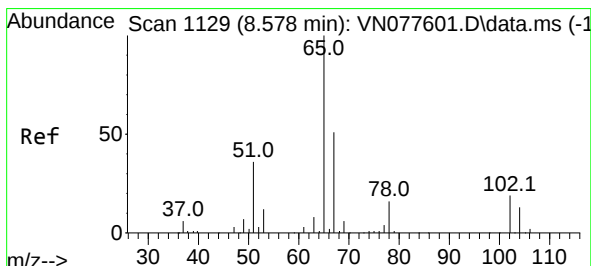
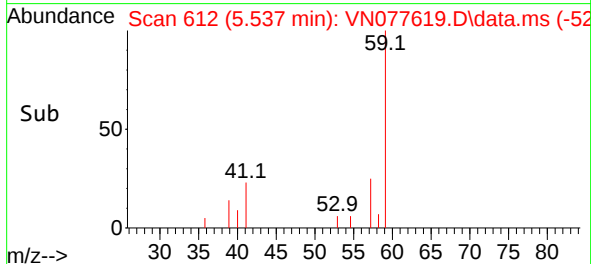
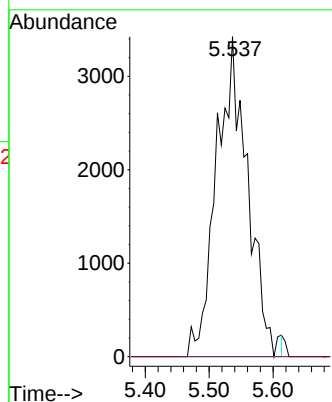
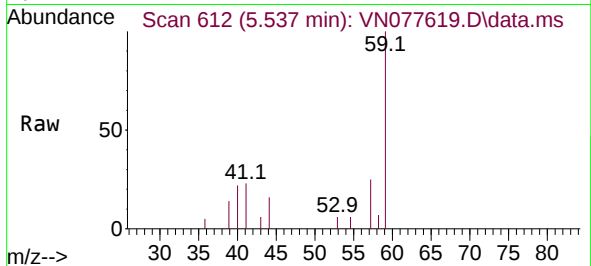




#23
tert-Butyl Alcohol
Concen: 16.717 ug/l m
RT: 5.537 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN077619.D
Acq: 08 May 2023 16:08

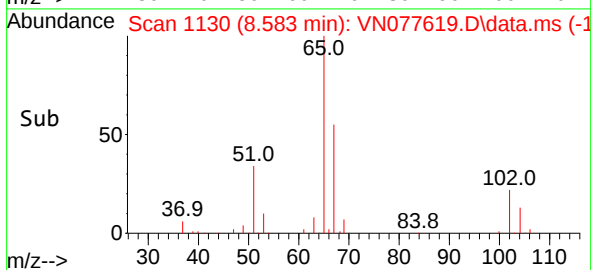
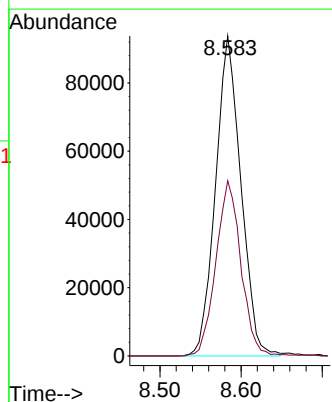
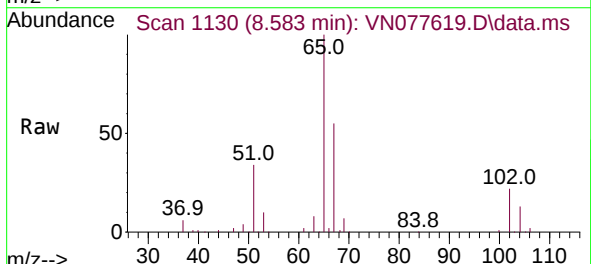
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20230504

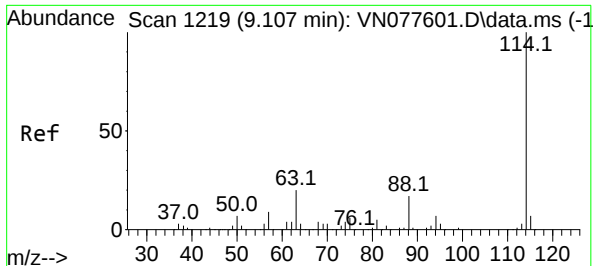
Tgt Ion: 59 Resp: 11606
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#27
1,2-Dichloroethane-d4
Concen: 31.286 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.005 min
Lab File: VN077619.D
Acq: 08 May 2023 16:08

Tgt Ion: 65 Resp: 203523
Ion Ratio Lower Upper
65 100
67 53.7 41.3 61.9

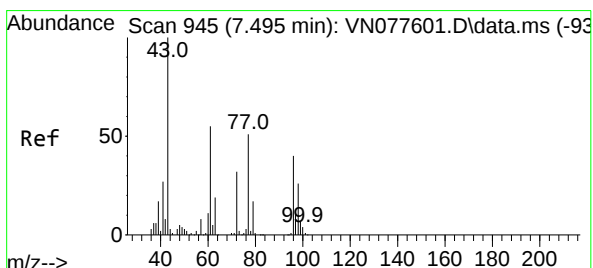
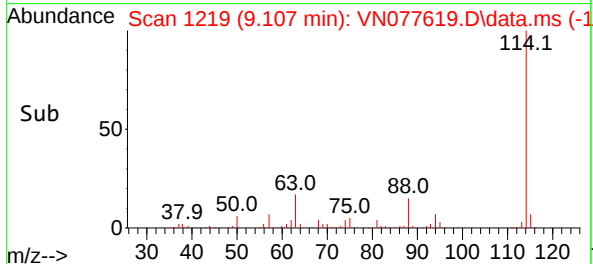
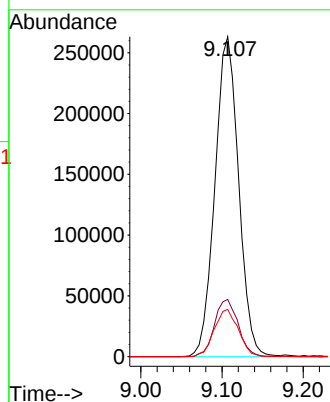
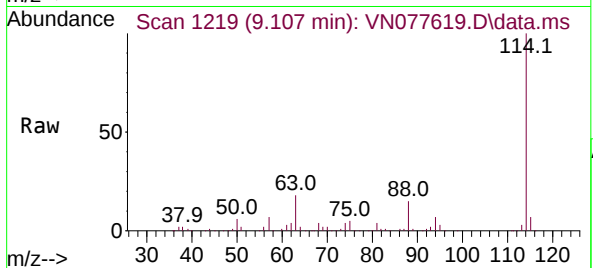




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN077619.D
Acq: 08 May 2023 16:08

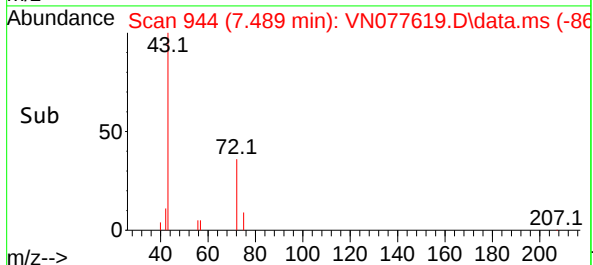
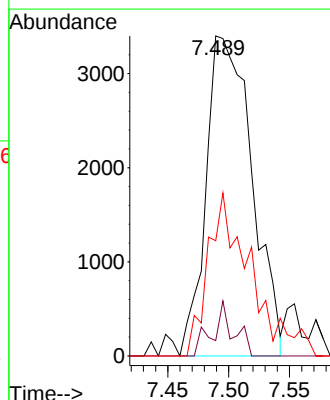
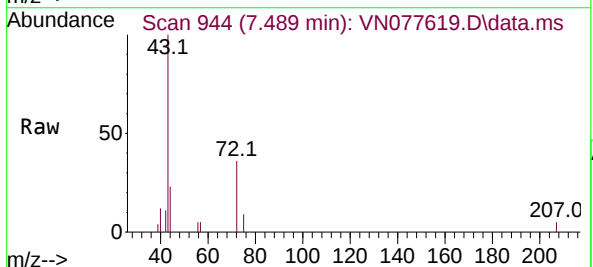
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20230504

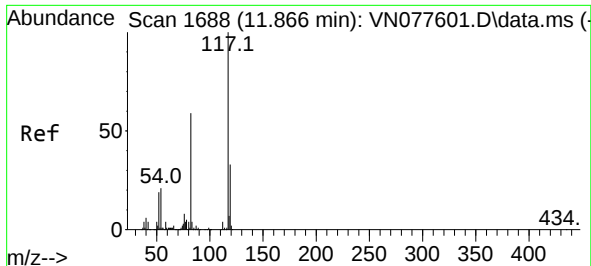
Tgt Ion:114 Resp: 534417
Ion Ratio Lower Upper
114 100
63 17.9 15.8 23.6
88 15.1 13.0 19.4



#30
2-Butanone
Concen: 4.351 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077619.D
Acq: 08 May 2023 16:08

Tgt Ion: 43 Resp: 8922
Ion Ratio Lower Upper
43 100
57 3.0 7.2 10.8#
72 42.4 26.2 39.2#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077619.D

Acq: 08 May 2023 16:08

Instrument :

MSVOA_N

ClientSampleId :

TT-TB-20230504

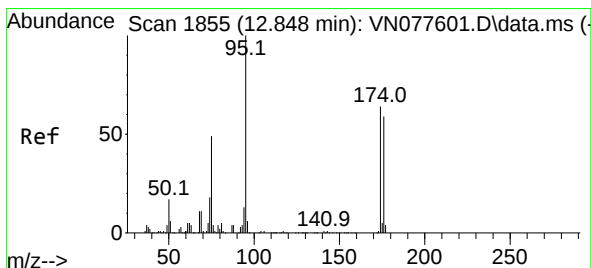
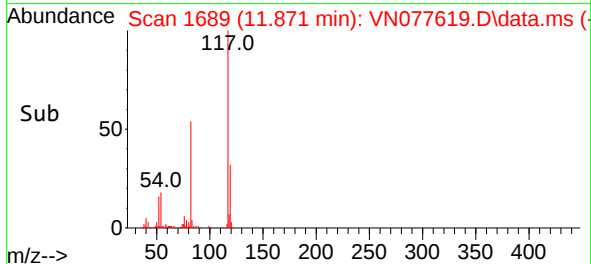
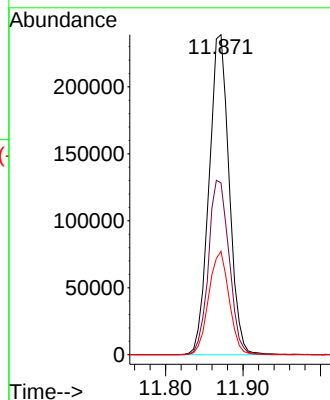
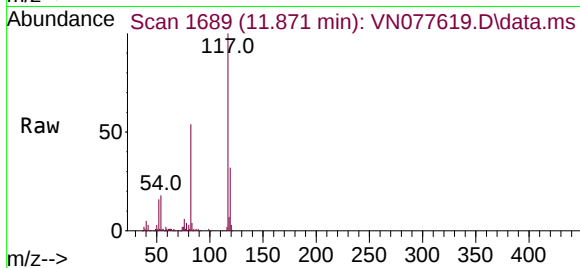
Tgt Ion:117 Resp: 430801

Ion Ratio Lower Upper

117 100

82 56.0 47.4 71.2

119 32.6 26.6 39.8



#60

4-Bromofluorobenzene

Concen: 25.431 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN077619.D

Acq: 08 May 2023 16:08

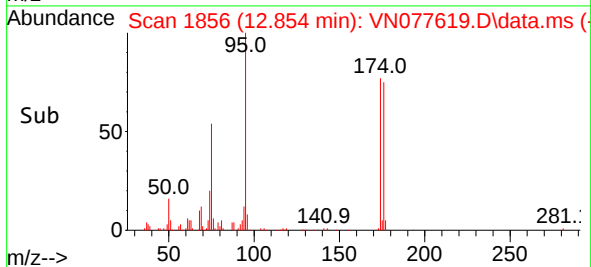
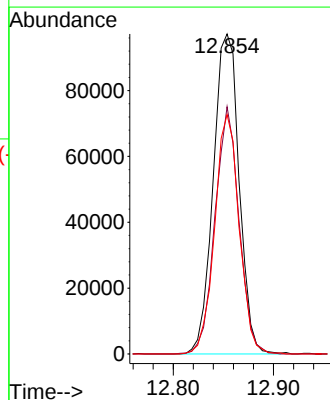
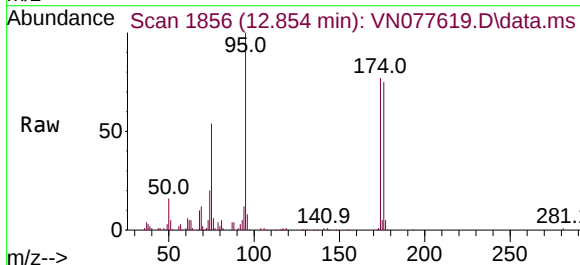
Tgt Ion: 95 Resp: 174202

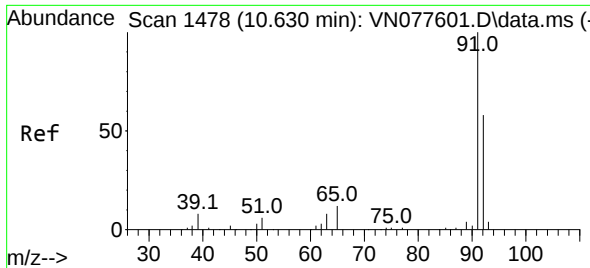
Ion Ratio Lower Upper

95 100

174 71.5 53.4 80.0

176 70.6 50.0 75.0

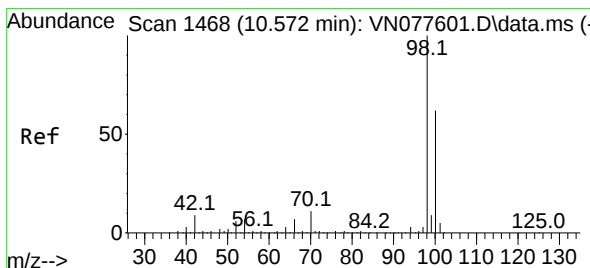
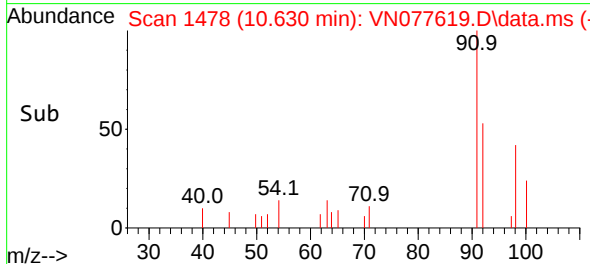
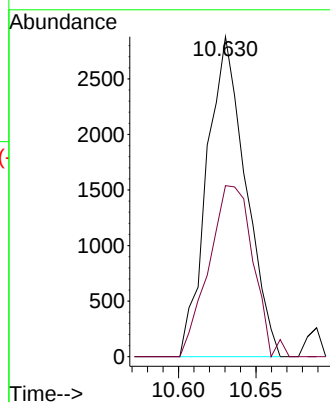
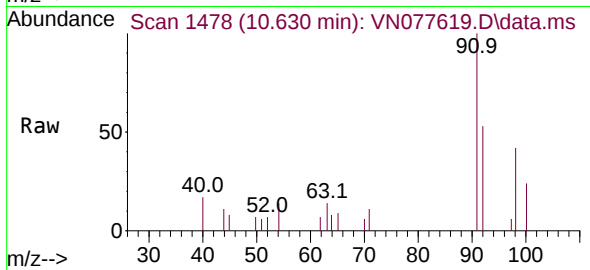




#62
Toluene
Concen: 0.210 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077619.D
Acq: 08 May 2023 16:08

Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20230504

Tgt Ion: 91 Resp: 5011
Ion Ratio Lower Upper
91 100
92 59.7 47.0 70.6



#63
Toluene-d8
Concen: 31.620 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077619.D
Acq: 08 May 2023 16:08

Tgt Ion: 98 Resp: 629148
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1

