

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042823\
 Data File : VN077508.D
 Acq On : 28 Apr 2023 18:42
 Operator : JC\MD
 Sample : 02469-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-15

Quant Time: Apr 28 19:17:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 28 16:20:59 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/29/2023
 Supervised By :Semsettin Yesilyurt 04/29/2023

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

Internal Standards						
1) Bromochloromethane	7.813	128	59820	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	441269	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	443164	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	164320	30.812	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.700%			
60) 4-Bromofluorobenzene	12.854	95	208498	26.854	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 89.500%			
63) Toluene-d8	10.572	98	478079	30.615	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.033%			
Target Compounds						
22) cis-1,2-Dichloroethene	7.495	96	14896m	1.840	ug/l	Qvalue

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

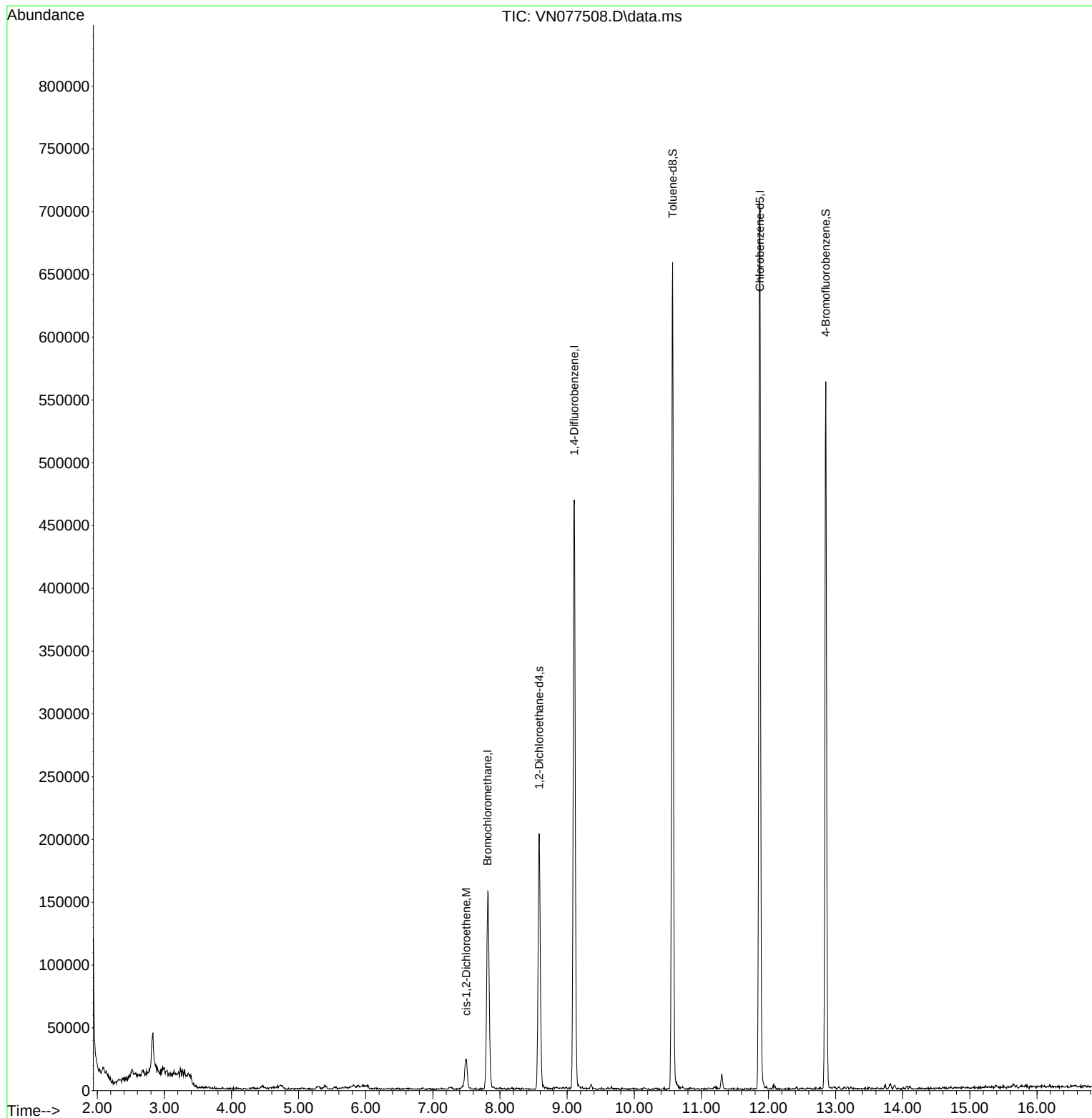
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042823\
Data File : VN077508.D
Acq On : 28 Apr 2023 18:42
Operator : JC\MD
Sample : 02469-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

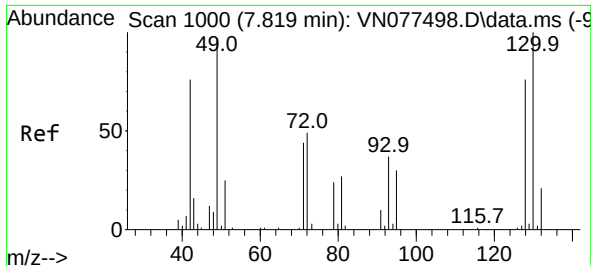
Instrument :
MSVOA_N
ClientSampleId :
TWP-15

Quant Time: Apr 28 19:17:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 28 16:20:59 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

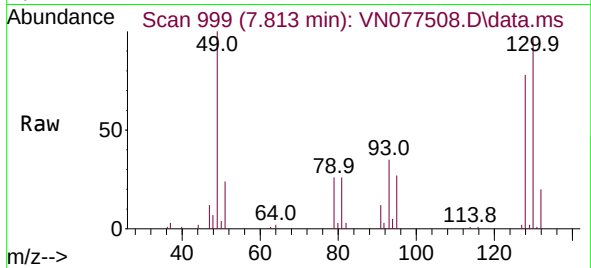
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.813 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN077508.D
Acq: 28 Apr 2023 18:42

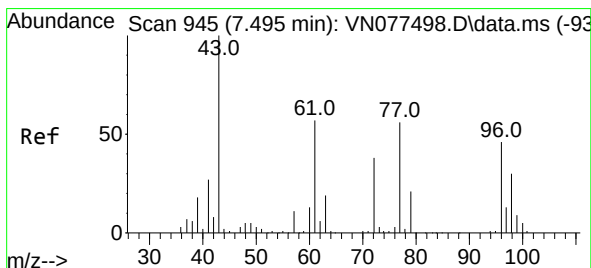
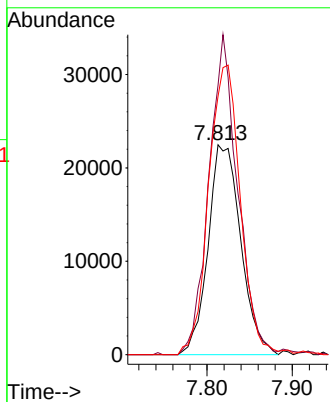
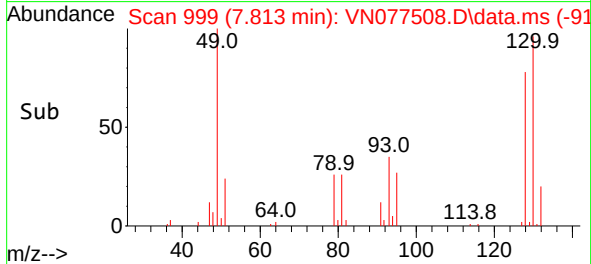
Instrument :
MSVOA_N
ClientSampleId :
TWP-15



Tgt Ion:128 Resp: 59820
Ion Ratio Lower Upper
128 100
49 134.6 0.0 338.5
130 133.8 0.0 326.3

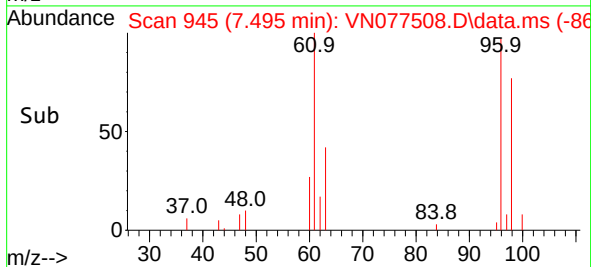
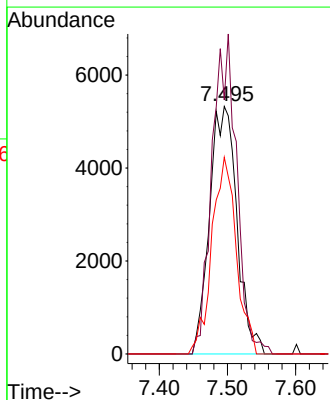
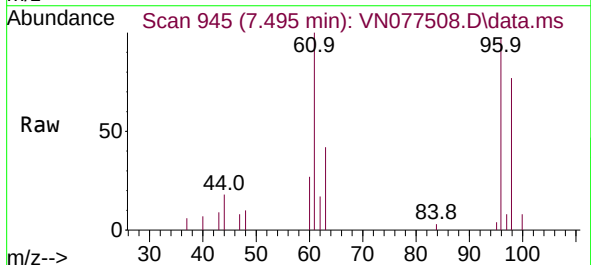
Manual Integrations
APPROVED

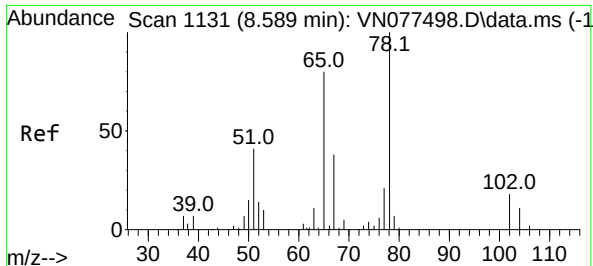
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#22
cis-1,2-Dichloroethene
Concen: 1.840 ug/l m
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077508.D
Acq: 28 Apr 2023 18:42

Tgt Ion: 96 Resp: 14896
Ion Ratio Lower Upper
96 100
61 63.8 100.2 150.2#
98 70.7 51.6 77.4





#27

1,2-Dichloroethane-d4

Concen: 30.812 ug/l

RT: 8.583 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN077508.D

Acq: 28 Apr 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

TWP-15

Tgt Ion: 65 Resp: 164320

Ion Ratio Lower Upper

65 100

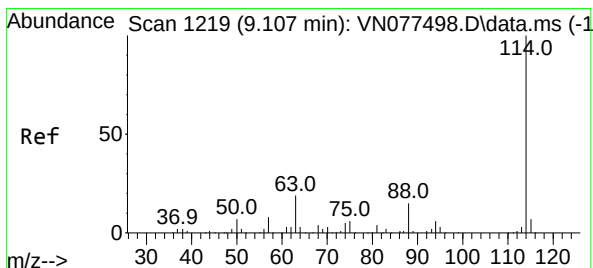
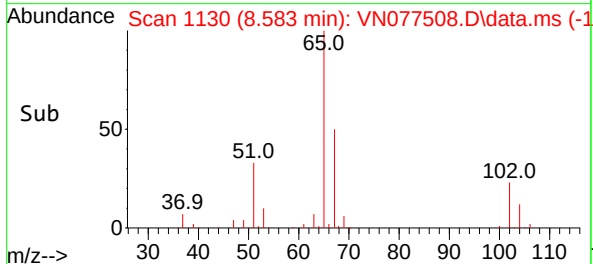
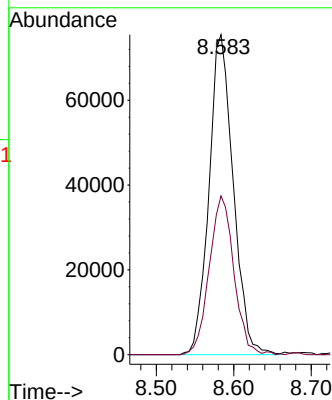
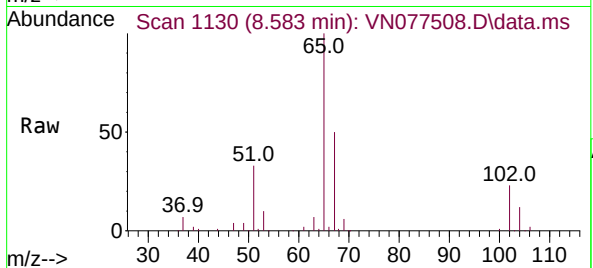
67 50.1 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077508.D

Acq: 28 Apr 2023 18:42

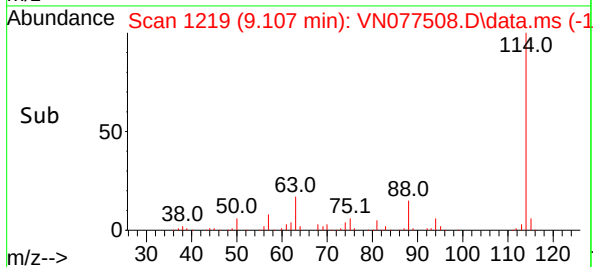
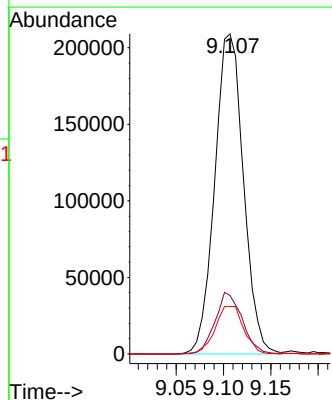
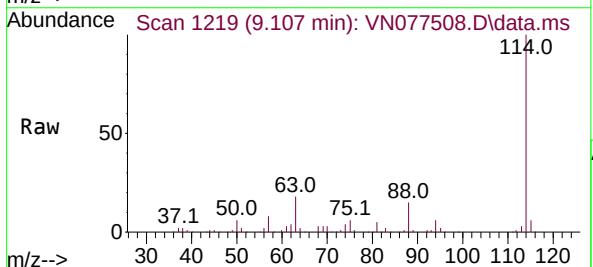
Tgt Ion:114 Resp: 441269

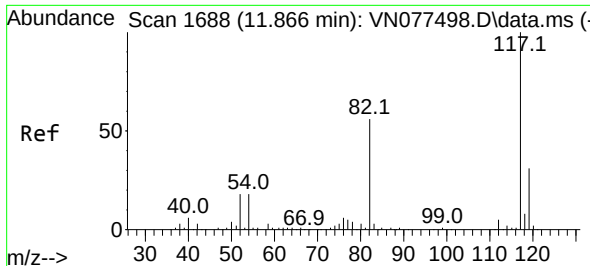
Ion Ratio Lower Upper

114 100

63 18.1 14.1 21.1

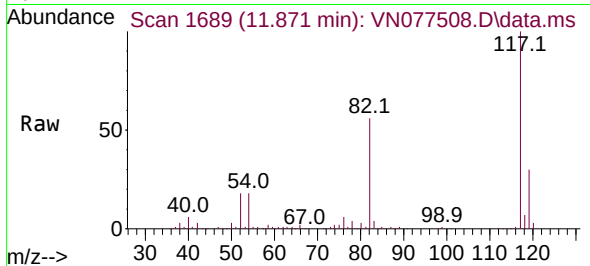
88 14.9 12.3 18.5





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN077508.D
Acq: 28 Apr 2023 18:42

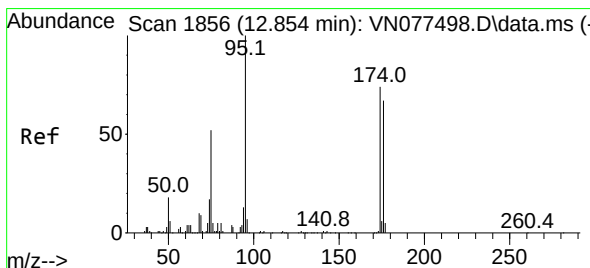
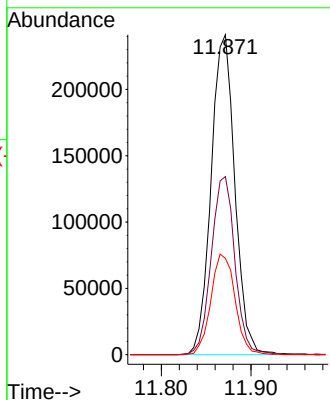
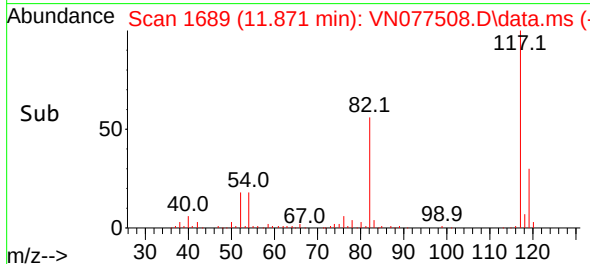
Instrument :
MSVOA_N
ClientSampleId :
TWP-15



Tgt Ion: 117 Resp: 443164
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 32.0 25.4 38.2

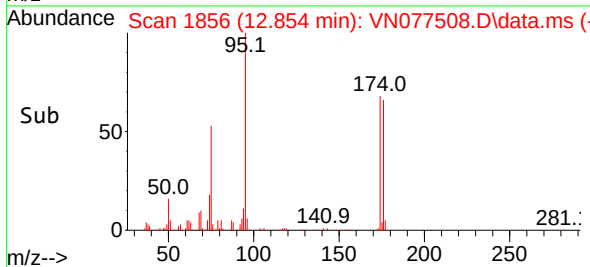
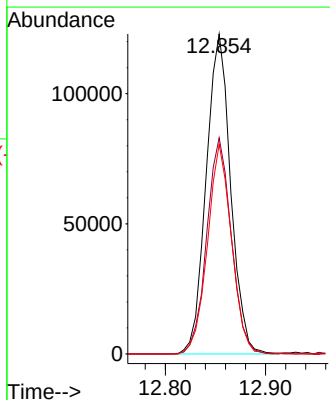
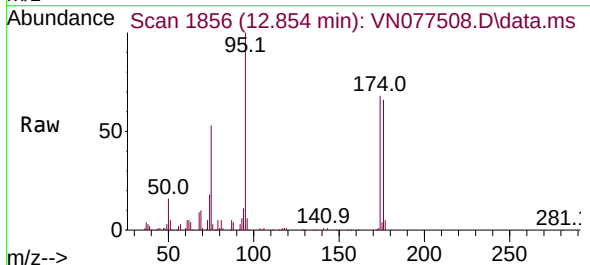
Manual Integrations
APPROVED

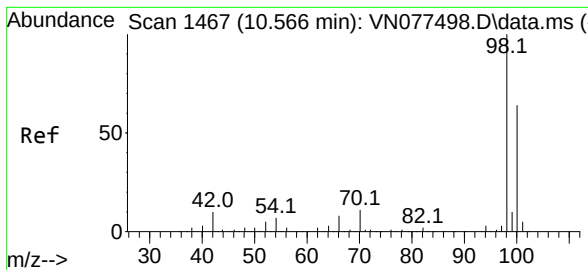
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#60
4-Bromofluorobenzene
Concen: 26.854 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN077508.D
Acq: 28 Apr 2023 18:42

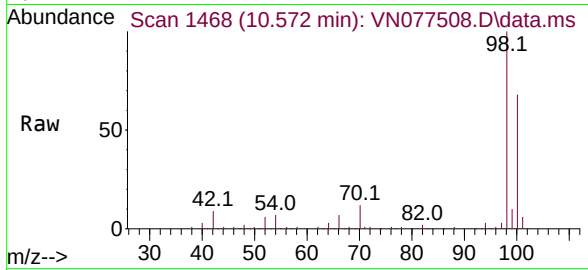
Tgt Ion: 95 Resp: 208498
Ion Ratio Lower Upper
95 100
174 67.9 55.9 83.9
176 64.3 53.9 80.9





#63
Toluene-d8
Concen: 30.615 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077508.D
Acq: 28 Apr 2023 18:42

Instrument :
MSVOA_N
ClientSampleId :
TWP-15



Tgt Ion: 98 Resp: 478079
Ion Ratio Lower Upper
98 100
100 64.1 51.0 76.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

