

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041423\
 Data File : VN077345.D
 Acq On : 14 Apr 2023 11:52
 Operator : JC\MD
 Sample : 02325-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230412032-07-TRIP-BLANK

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2023
 Supervised By : Mahesh Dadoda 04/17/2023

Quant Time: Apr 17 05:08:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	47453	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	358619	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	361191	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	119124	29.600	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.667%
60) 4-Bromofluorobenzene	12.854	95	159376	25.518	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.067%
63) Toluene-d8	10.572	98	393611	30.999	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.333%
Target Compounds						
15) Acetone	4.443	58	7628m	8.257	ug/l	Qvalue
25) Chloroform	7.978	83	10272m	0.975	ug/l	

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

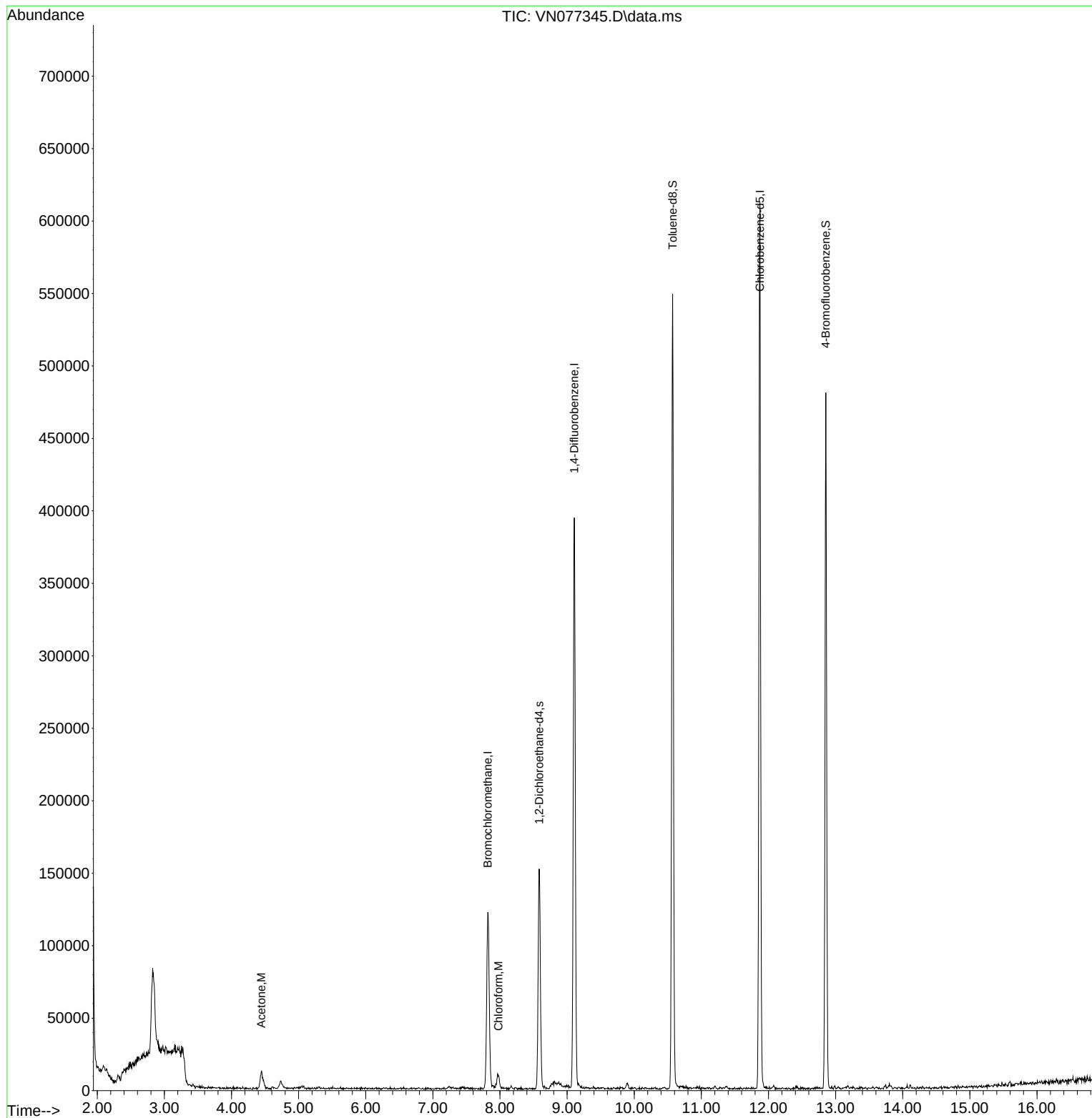
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041423\
Data File : VN077345.D
Acq On : 14 Apr 2023 11:52
Operator : JC\MD
Sample : 02325-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

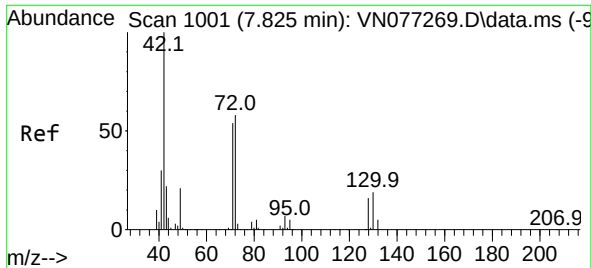
Instrument :
MSVOA_N
ClientSampleId :
230412032-07-TRIP-BLANK

Quant Time: Apr 17 05:08:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 07 13:04:49 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

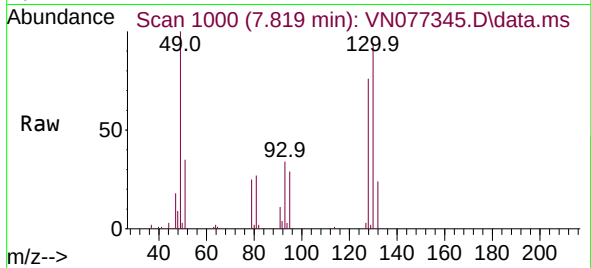
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN077345.D
Acq: 14 Apr 2023 11:52

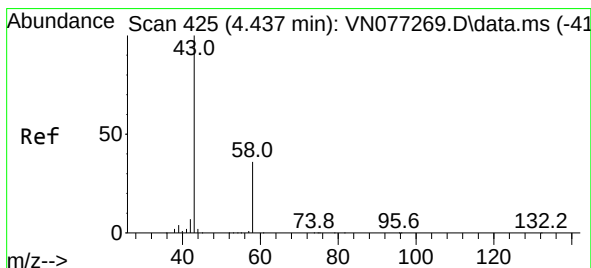
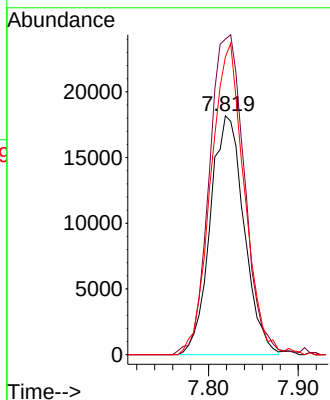
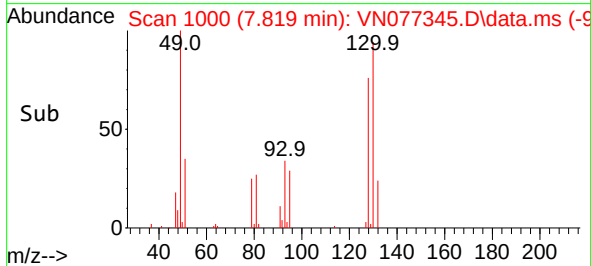
Instrument :
MSVOA_N
ClientSampleId :
230412032-07-TRIP-BLANK



Tgt Ion:128 Resp: 4745
Ion Ratio Lower Upper
128 100
49 140.1 0.0 379.5
130 128.7 0.0 322.8

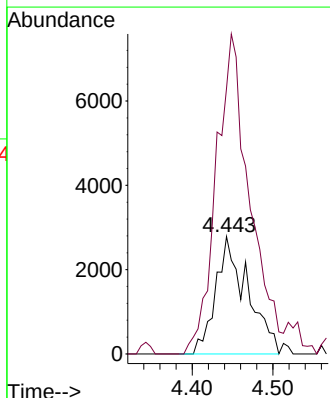
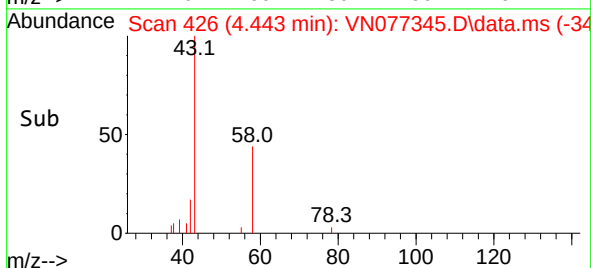
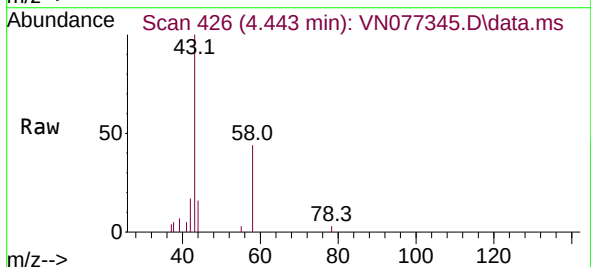
Manual Integrations
APPROVED

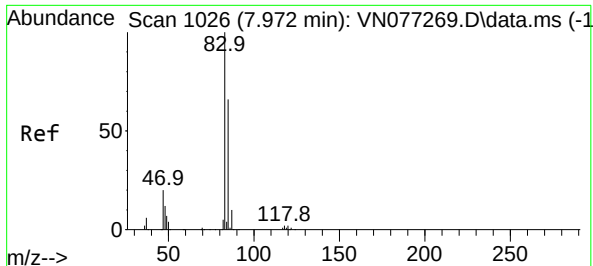
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#15
Acetone
Concen: 8.257 ug/l m
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077345.D
Acq: 14 Apr 2023 11:52

Tgt Ion: 58 Resp: 7628
Ion Ratio Lower Upper
58 100
43 226.1 220.9 331.3





#25

Chloroform

Concen: 0.975 ug/l m

RT: 7.978 min Scan# 1027

Delta R.T. 0.006 min

Lab File: VN077345.D

Acq: 14 Apr 2023 11:52

Instrument :

MSVOA_N

ClientSampleId :

230412032-07-TRIP-BLANK

Tgt Ion: 83 Resp: 1027

Ion Ratio Lower Upper

83 100

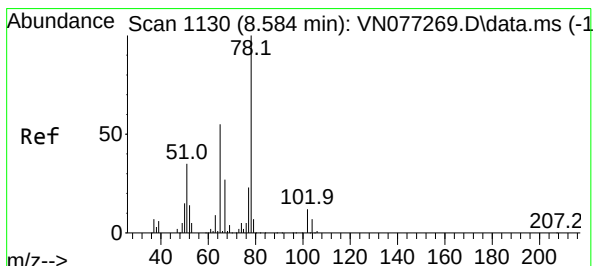
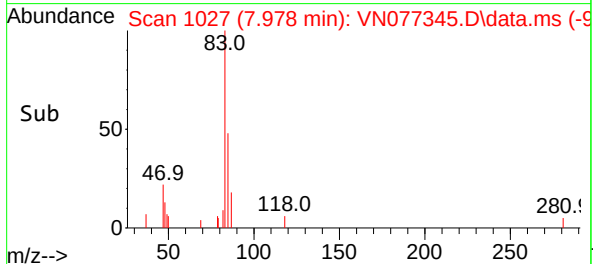
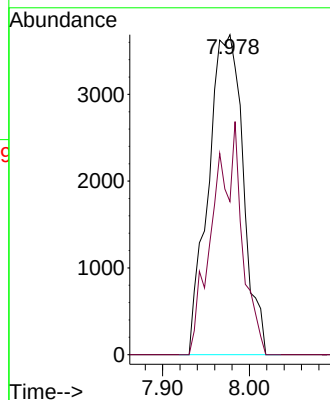
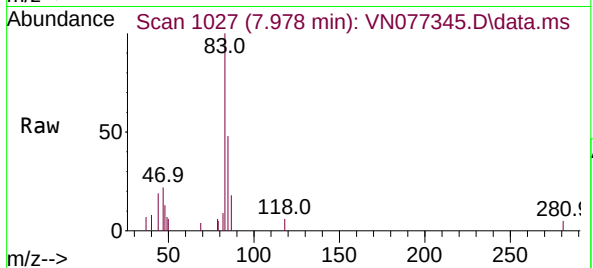
85 47.9 52.9 79.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#27

1,2-Dichloroethane-d4

Concen: 29.600 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN077345.D

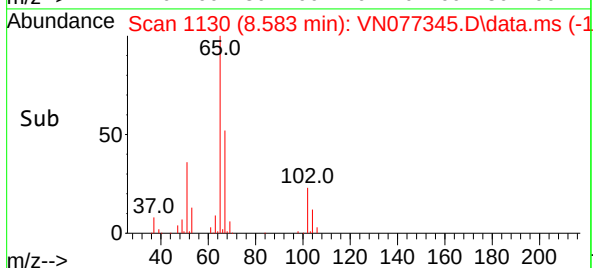
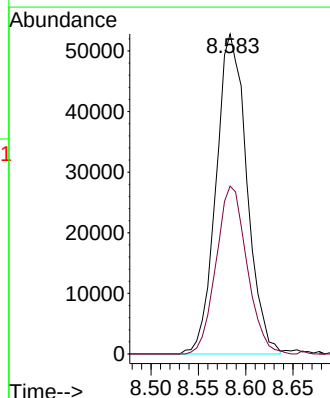
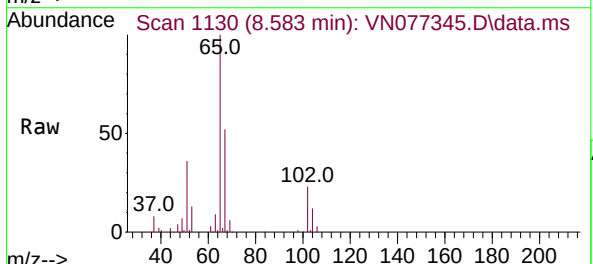
Acq: 14 Apr 2023 11:52

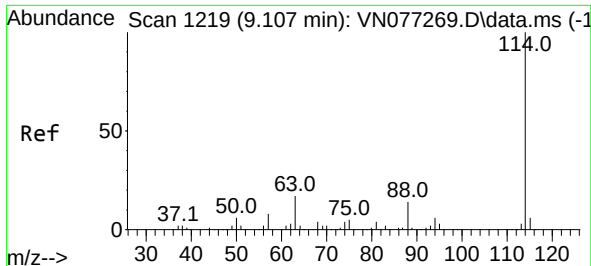
Tgt Ion: 65 Resp: 119124

Ion Ratio Lower Upper

65 100

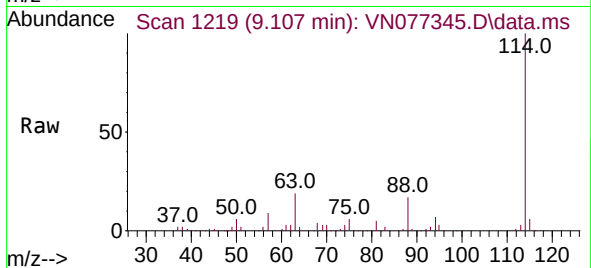
67 52.7 41.8 62.6





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN077345.D
Acq: 14 Apr 2023 11:52

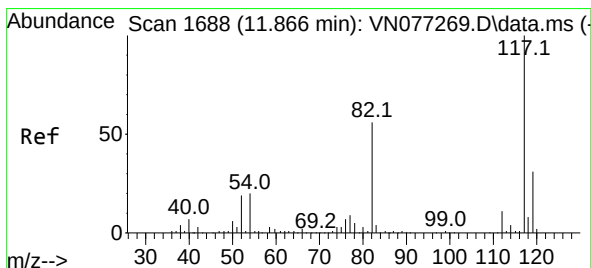
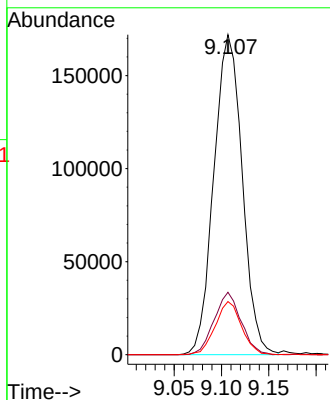
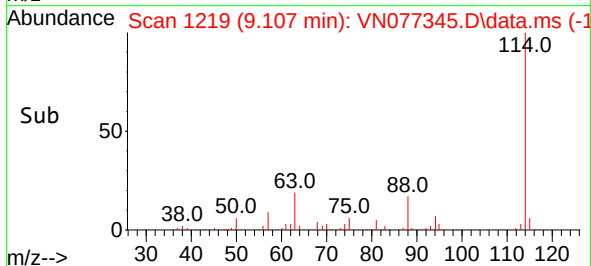
Instrument :
MSVOA_N
ClientSampleId :
230412032-07-TRIP-BLANK



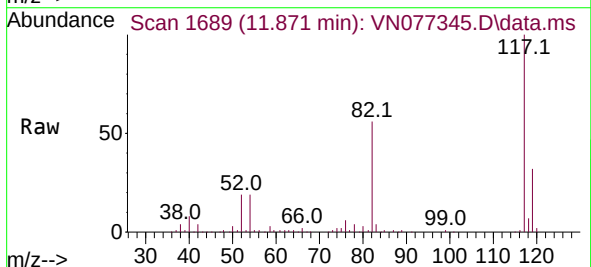
Tgt Ion:114 Resp: 358619
Ion Ratio Lower Upper
114 100
63 18.4 15.0 22.4
88 15.4 11.9 17.9

Manual Integrations
APPROVED

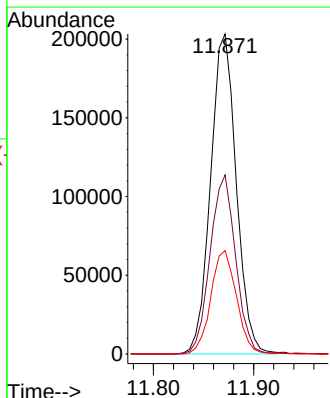
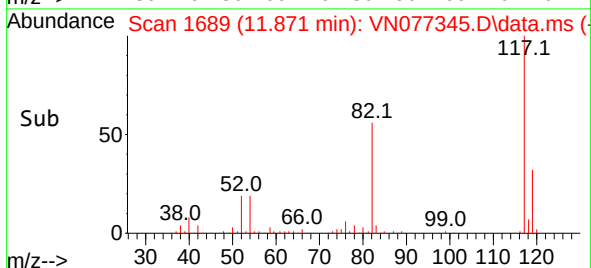
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

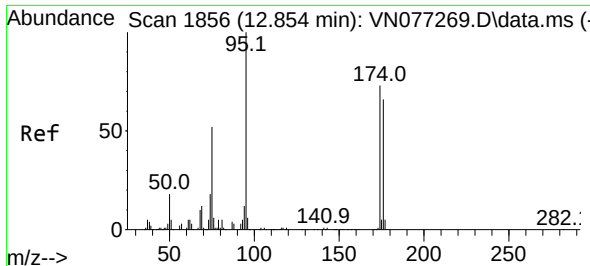


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VN077345.D
Acq: 14 Apr 2023 11:52



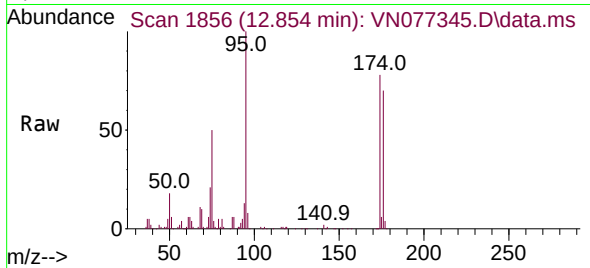
Tgt Ion:117 Resp: 361191
Ion Ratio Lower Upper
117 100
82 55.6 43.8 65.8
119 32.3 25.4 38.0





#60
4-Bromofluorobenzene
Concen: 25.518 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077345.D
Acq: 14 Apr 2023 11:52

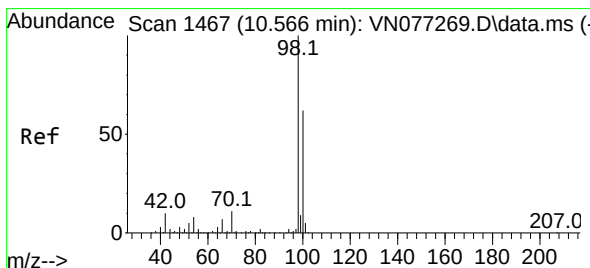
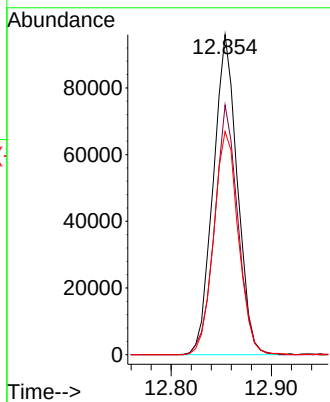
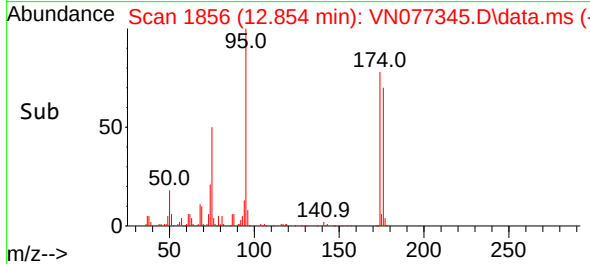
Instrument :
MSVOA_N
ClientSampleId :
230412032-07-TRIP-BLANK



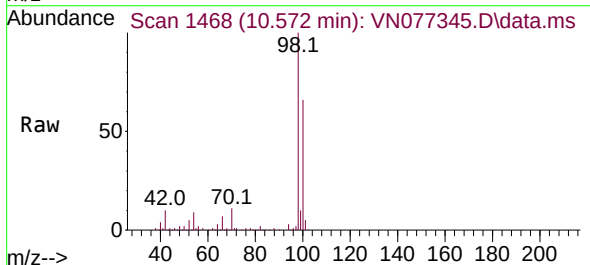
Tgt Ion: 95 Resp: 159370
Ion Ratio Lower Upper
95 100
174 76.0 57.8 86.8
176 71.4 54.6 81.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#63
Toluene-d8
Concen: 30.999 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077345.D
Acq: 14 Apr 2023 11:52



Tgt Ion: 98 Resp: 393611
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.2

