

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050824\
 Data File : VN082037.D
 Acq On : 08 May 2024 19:13
 Operator : JC\MD
 Sample : P2427-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240424030-03-TRIP-BLANK

Quant Time: May 09 01:06:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2024
 Supervised By : Mahesh Dadoda 05/09/2024

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

Internal Standards						
1) Bromochloromethane	7.818	128	25600	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	151338	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	130241	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	69307	32.336	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.800%
60) 4-Bromofluorobenzene	12.847	95	56638	26.131	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.100%
63) Toluene-d8	10.571	98	189897	30.702	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.333%
Target Compounds						
25) Chloroform	7.965	83	4324	1.399	ug/l	Qvalue 84
55) 2-Chloroethyl vinyl ether	10.153	63	1972m	1.300	ug/l	

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

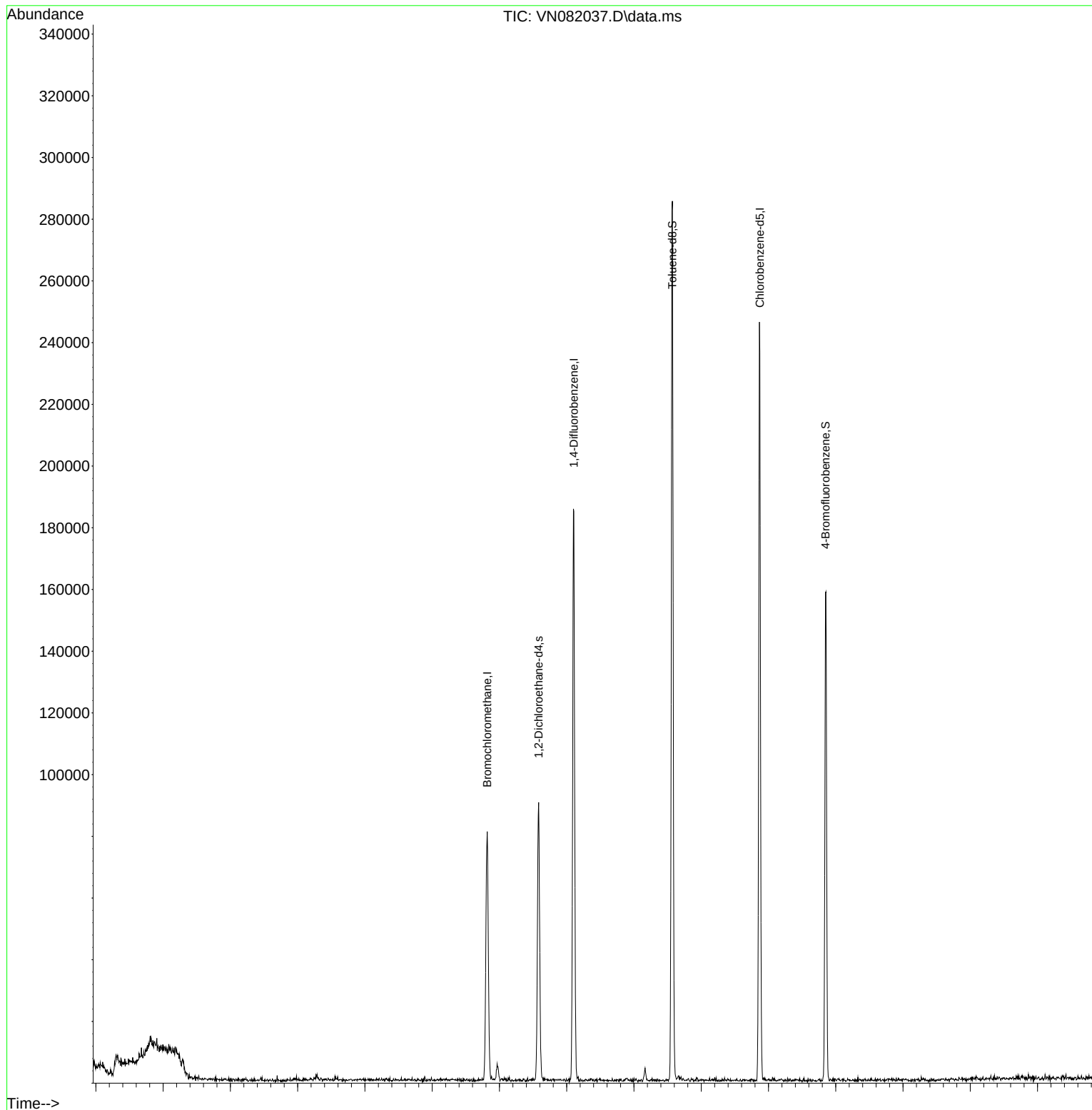
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050824\
Data File : VN082037.D
Acq On : 08 May 2024 19:13
Operator : JC\MD
Sample : P2427-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

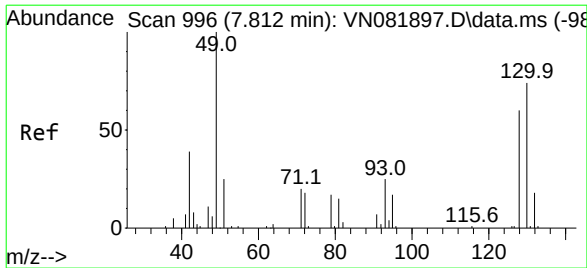
Instrument :
MSVOA_N
ClientSampleId :
240424030-03-TRIP-BLANK

Quant Time: May 09 01:06:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 27 04:37:27 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

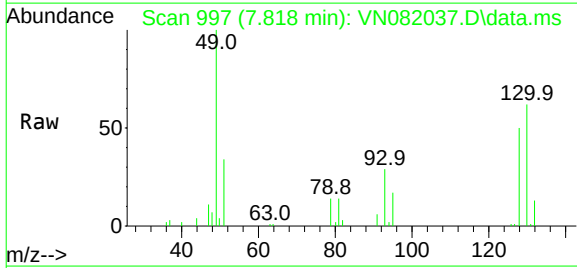
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN082037.D
Acq: 08 May 2024 19:13

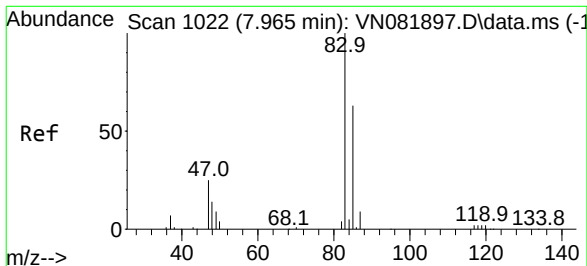
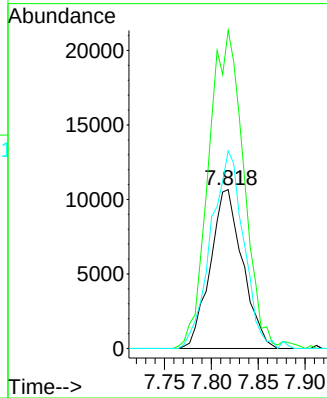
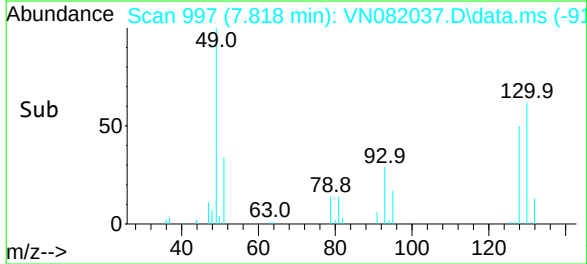
Instrument :
MSVOA_N
ClientSampleId :
240424030-03-TRIP-BLANK



Tgt Ion:128 Resp: 25600
Ion Ratio Lower Upper
128 100
49 216.2 0.0 403.7
130 125.5 0.0 323.3

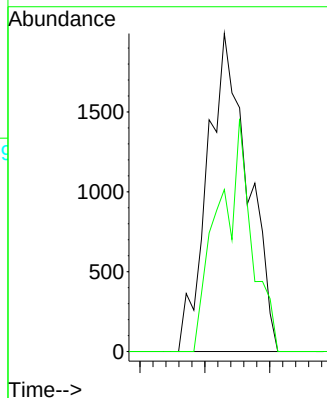
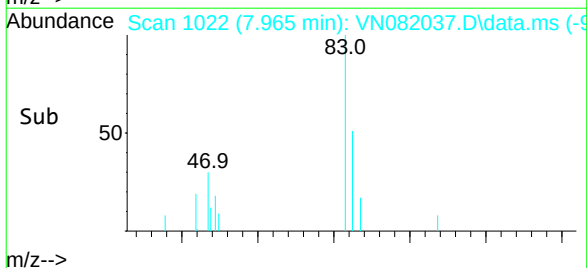
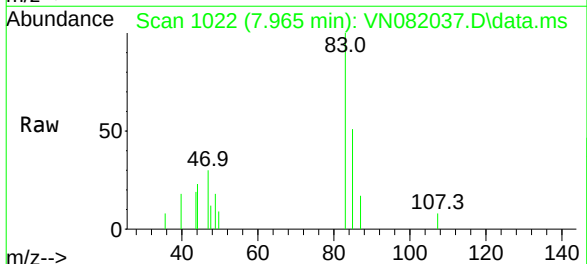
Manual Integrations
APPROVED

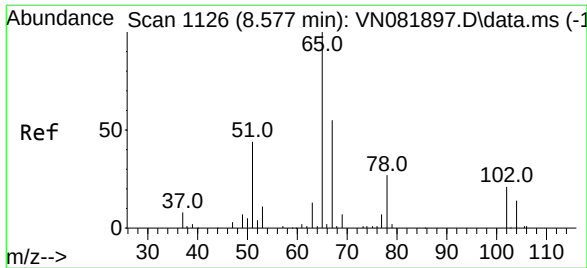
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#25
Chloroform
Concen: 1.399 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082037.D
Acq: 08 May 2024 19:13

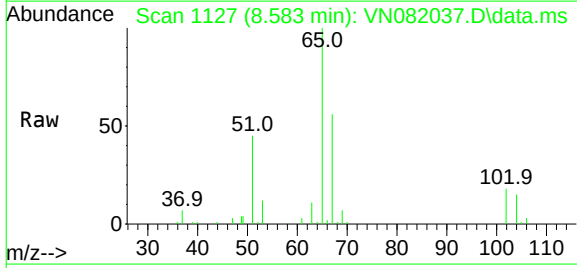
Tgt Ion: 83 Resp: 4324
Ion Ratio Lower Upper
83 100
85 50.9 50.9 76.3





#27
1,2-Dichloroethane-d4
Concen: 32.336 ug/l
RT: 8.583 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN082037.D
Acq: 08 May 2024 19:13

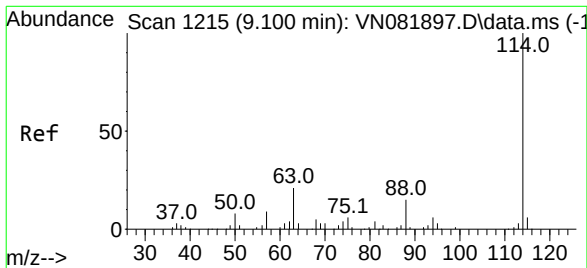
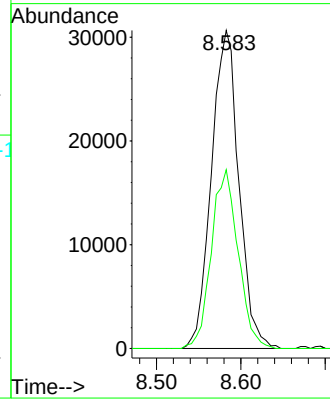
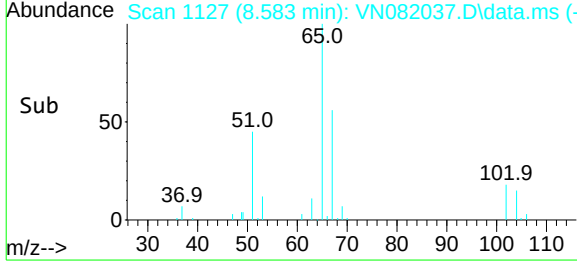
Instrument :
MSVOA_N
ClientSampleId :
240424030-03-TRIP-BLANK



Tgt Ion: 65 Resp: 69307
Ion Ratio Lower Upper
65 100
67 54.9 43.2 64.8

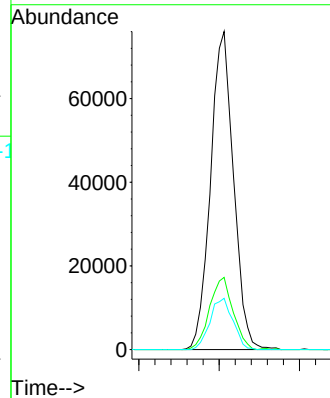
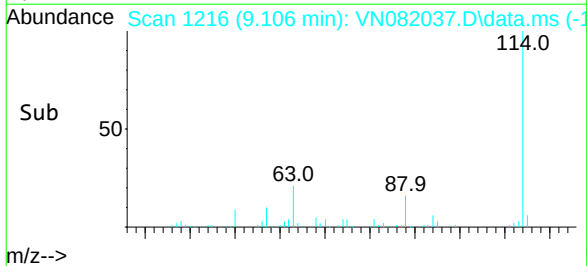
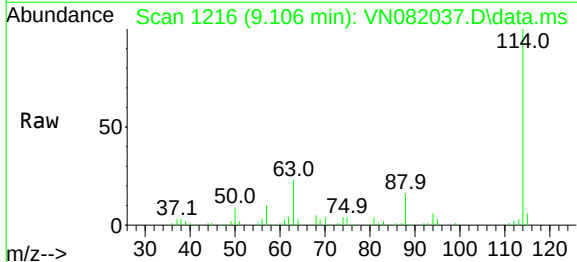
Manual Integrations
APPROVED

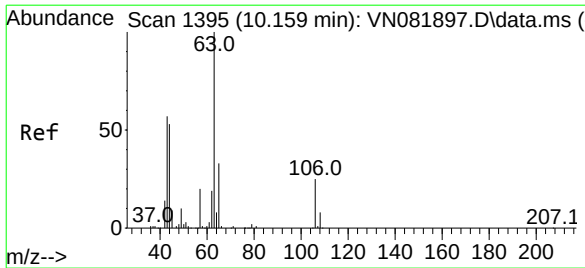
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN082037.D
Acq: 08 May 2024 19:13

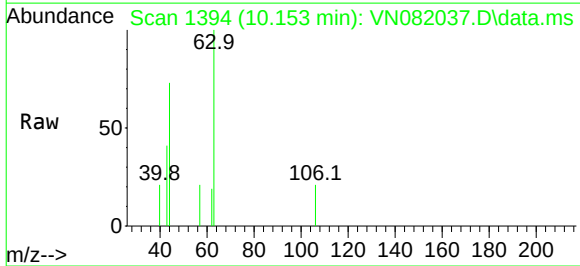
Tgt Ion:114 Resp: 151338
Ion Ratio Lower Upper
114 100
63 23.2 15.9 23.9
88 16.0 12.7 19.1





#55
2-Chloroethyl vinyl ether
Concen: 1.300 ug/l m
RT: 10.153 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN082037.D
Acq: 08 May 2024 19:13

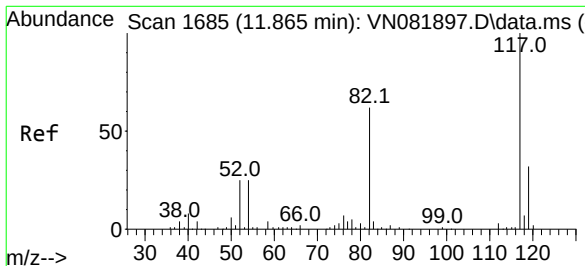
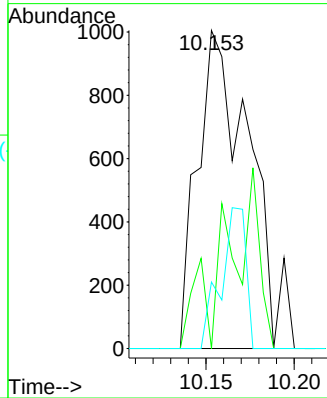
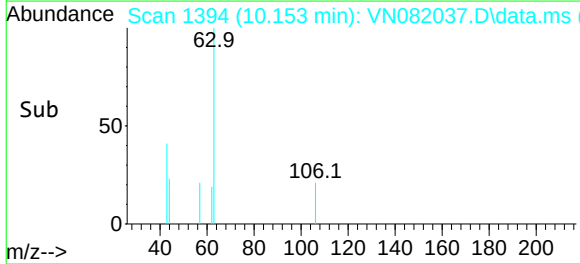
Instrument : MSVOA_N
ClientSampleId : 240424030-03-TRIP-BLANK



Tgt Ion: 63 Resp: 1972
Ion Ratio Lower Upper
63 100
65 16.9 26.2 39.2#
106 22.4 23.8 35.8#

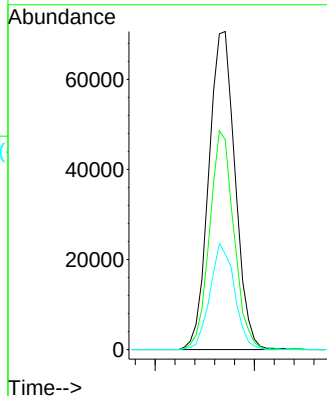
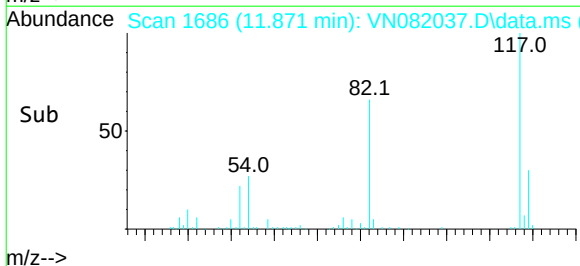
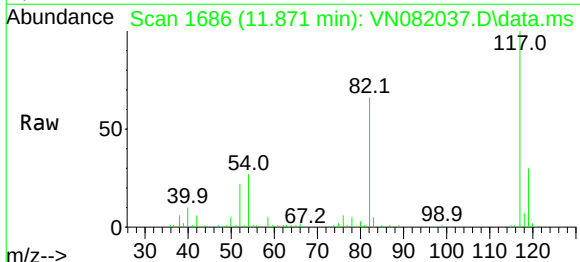
Manual Integrations
APPROVED

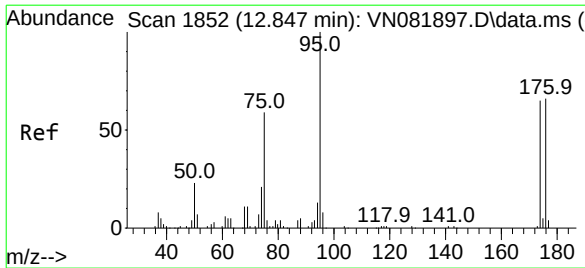
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082037.D
Acq: 08 May 2024 19:13

Tgt Ion:117 Resp: 130241
Ion Ratio Lower Upper
117 100
82 63.5 46.6 69.8
119 31.0 25.4 38.2





#60

4-Bromofluorobenzene

Concen: 26.131 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN082037.D

Acq: 08 May 2024 19:13

Instrument :

MSVOA_N

ClientSampleId :

240424030-03-TRIP-BLANK

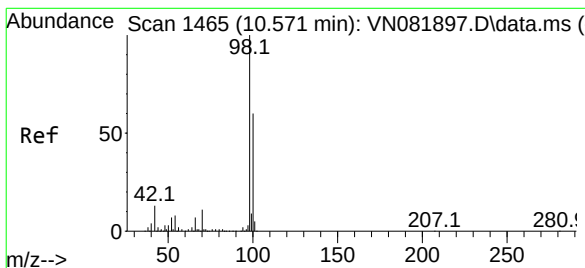
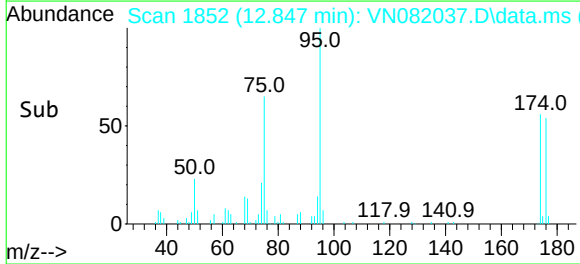
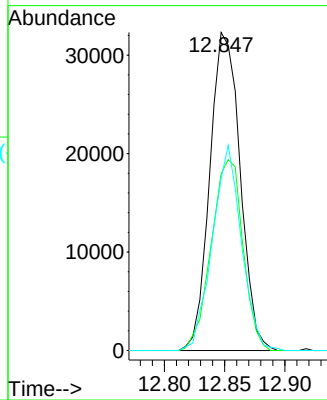
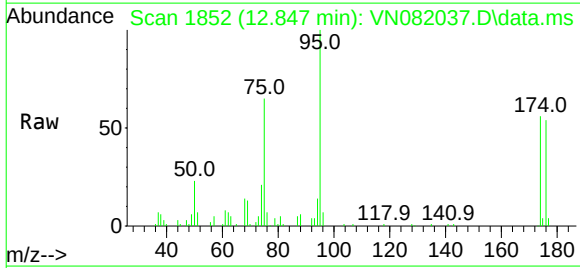
Tgt Ion:	95	Resp:	56638
Ion Ratio	Lower	Upper	
95	100		
174	62.6	60.5	90.7
176	61.5	57.8	86.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#63

Toluene-d8

Concen: 30.702 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082037.D

Acq: 08 May 2024 19:13

Tgt Ion:	98	Resp:	189897
Ion Ratio	Lower	Upper	
98	100		
100	65.7	52.7	79.1

