

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
 Data File : VN079586.D
 Acq On : 17 Oct 2023 17:09
 Operator : JC\MD
 Sample : 04894-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(OCT)

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2023
 Supervised By : Mahesh Dadoda 10/20/2023

Quant Time: Oct 18 02:32:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	19049	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	128308	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	150862	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	82814	30.577	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.933%			
60) 4-Bromofluorobenzene	12.853	95	56792	20.585	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 68.633%			
63) Toluene-d8	10.571	98	185507	28.696	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 95.667%			
Target Compounds						
						Qvalue
15) Acetone	4.447	58	8931m	19.027	ug/l	
23) tert-Butyl Alcohol	5.536	59	12031m	24.281	ug/l	
25) Chloroform	7.971	83	8382	1.455	ug/l	93
30) 2-Butanone	7.506	43	7569m	4.027	ug/l	
62) Toluene	10.635	91	88702	7.693	ug/l	98

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

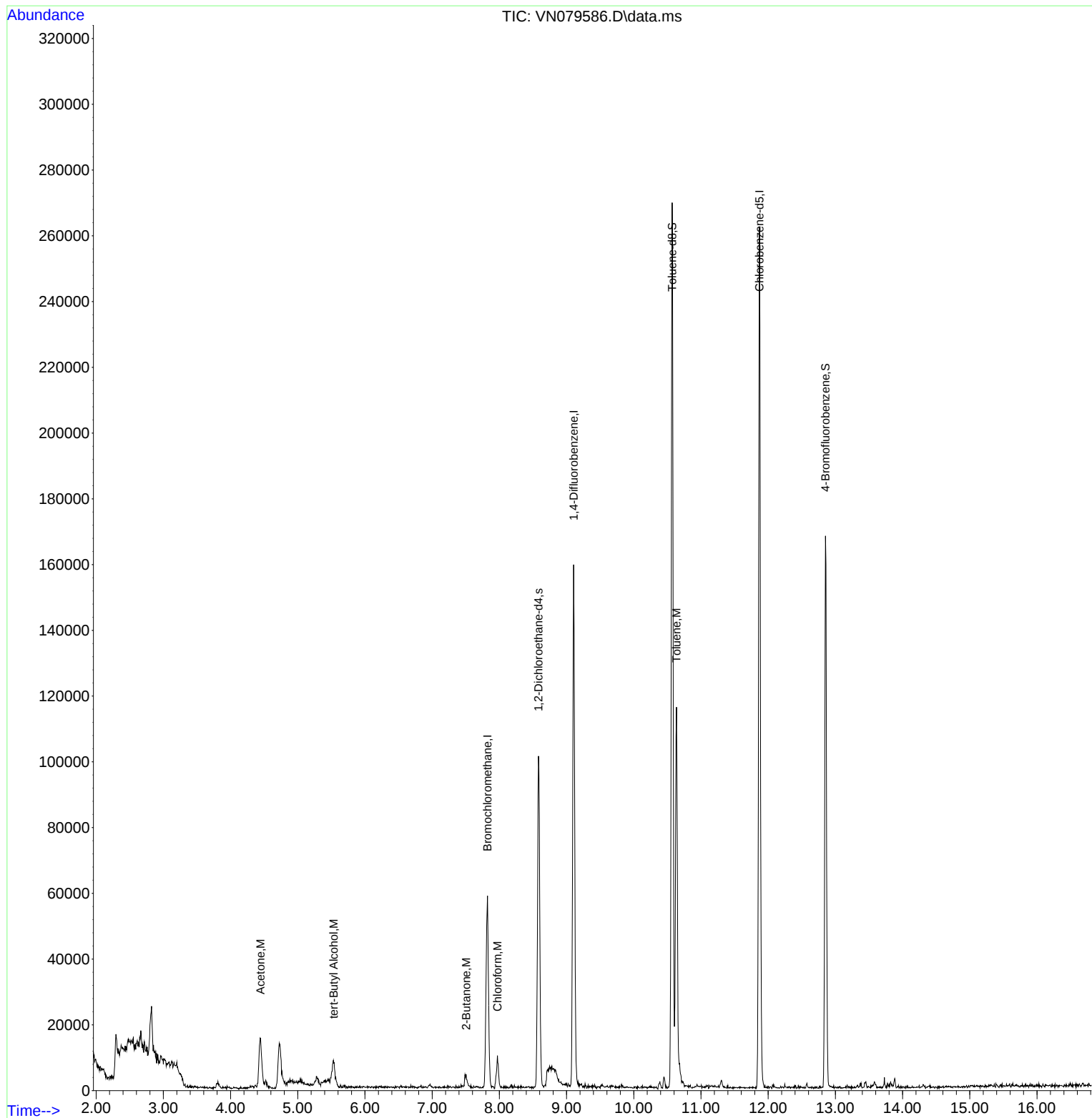
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
Data File : VN079586.D
Acq On : 17 Oct 2023 17:09
Operator : JC\MD
Sample : 04894-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

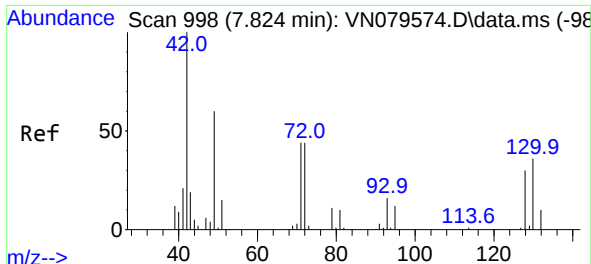
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(OCT)

Quant Time: Oct 18 02:32:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 18 02:19:15 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

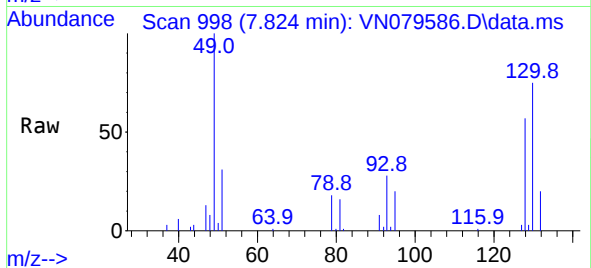
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN079586.D
Acq: 17 Oct 2023 17:09

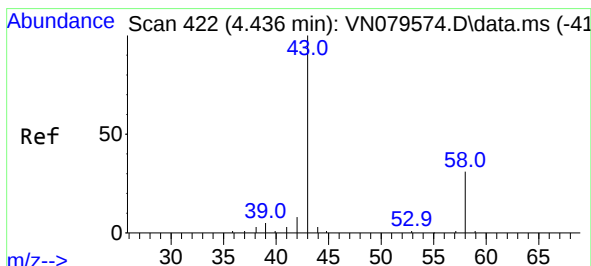
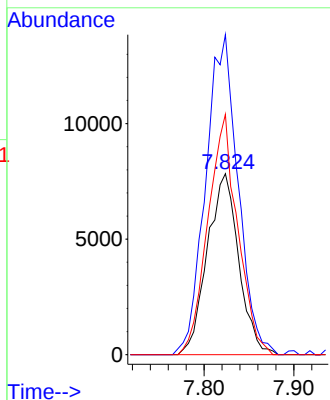
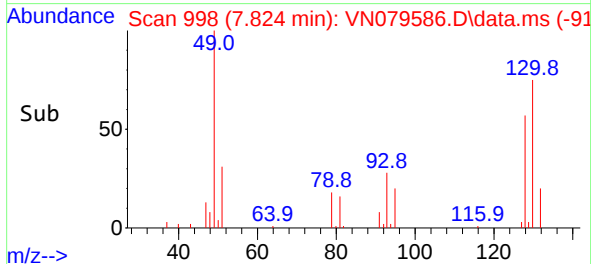
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(OCT)



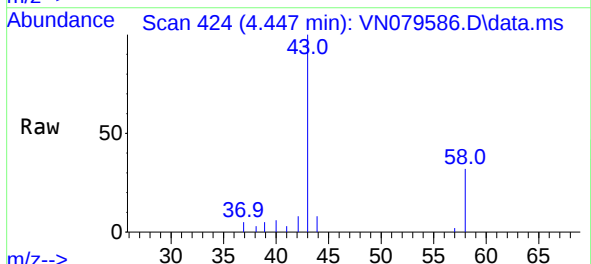
Tgt Ion:128 Resp: 19049
Ion Ratio Lower Upper
128 100
49 182.0 0.0 468.5
130 126.1 0.0 320.7

Manual Integrations
APPROVED

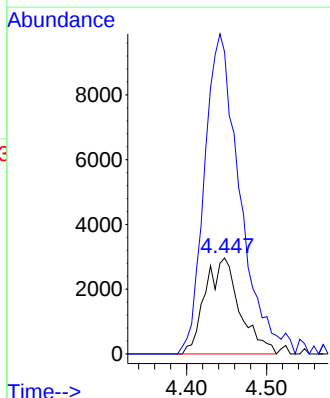
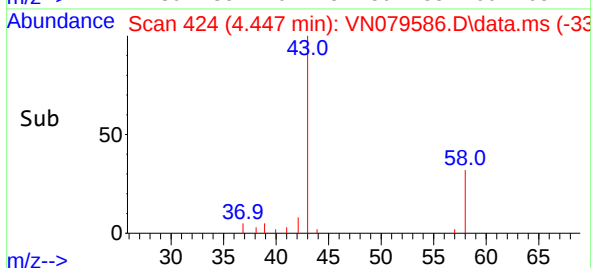
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

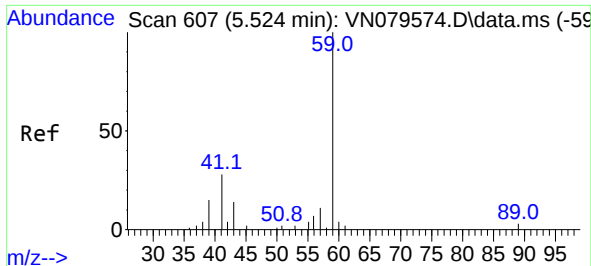


#15
Acetone
Concen: 19.027 ug/l m
RT: 4.447 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN079586.D
Acq: 17 Oct 2023 17:09



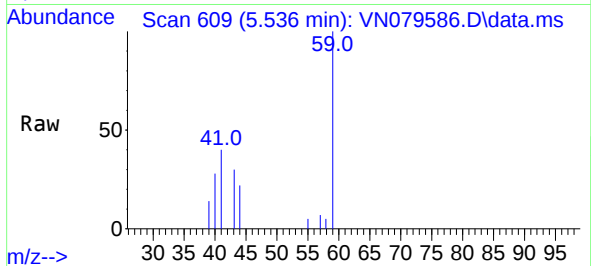
Tgt Ion: 58 Resp: 8931
Ion Ratio Lower Upper
58 100
43 314.5 225.2 337.8





#23
tert-Butyl Alcohol
Concen: 24.281 ug/l m
RT: 5.536 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN079586.D
Acq: 17 Oct 2023 17:09

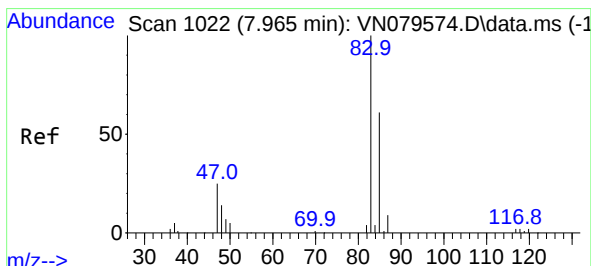
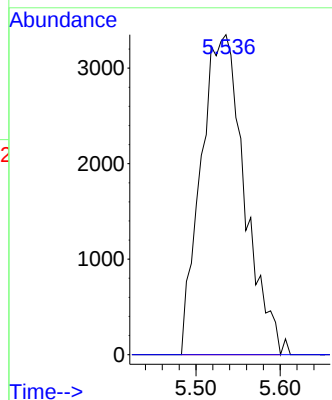
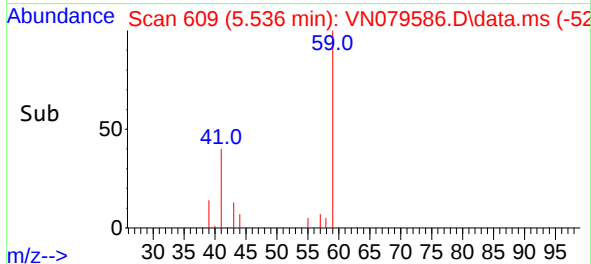
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(OCT)



Tgt Ion: 59 Resp: 1203
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

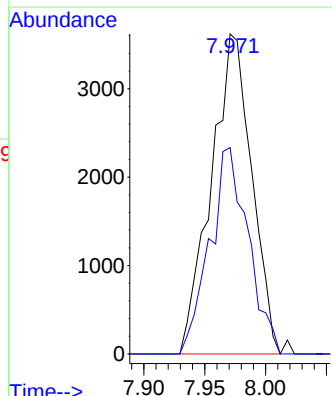
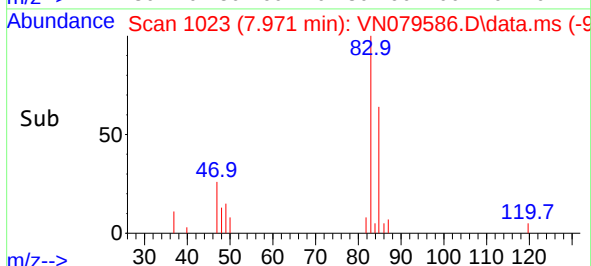
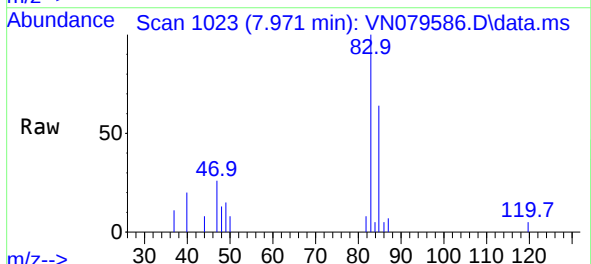
Manual Integrations
APPROVED

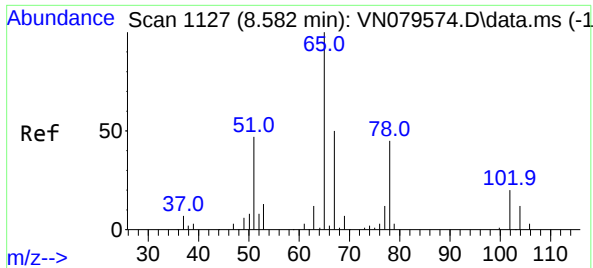
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#25
Chloroform
Concen: 1.455 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN079586.D
Acq: 17 Oct 2023 17:09

Tgt Ion: 83 Resp: 8382
Ion Ratio Lower Upper
83 100
85 64.5 47.4 71.2





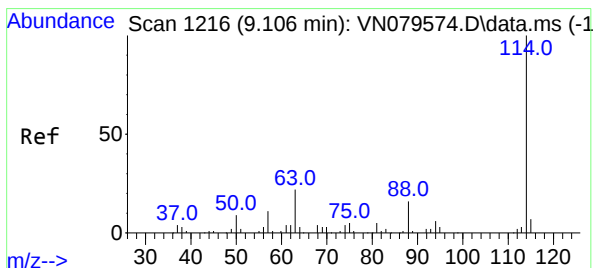
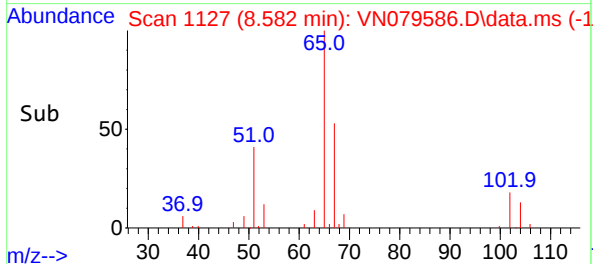
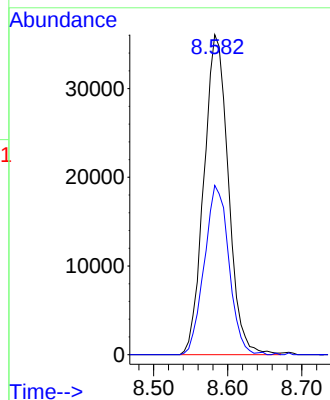
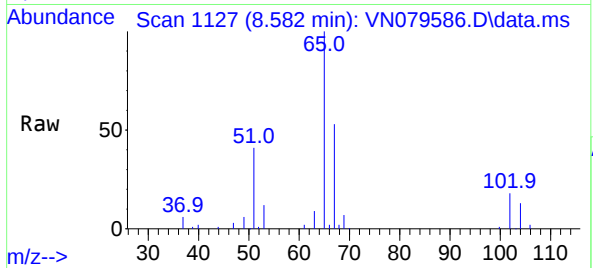
#27
1,2-Dichloroethane-d4
Concen: 30.577 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079586.D
Acq: 17 Oct 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(OCT)

Tgt Ion: 65 Resp: 82814
Ion Ratio Lower Upper
65 100
67 52.9 42.1 63.1

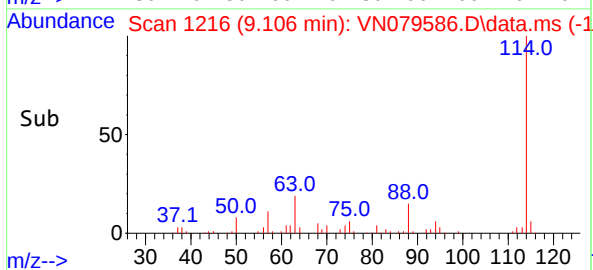
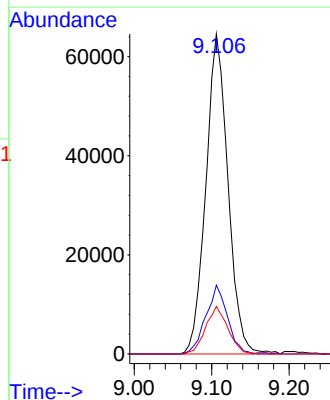
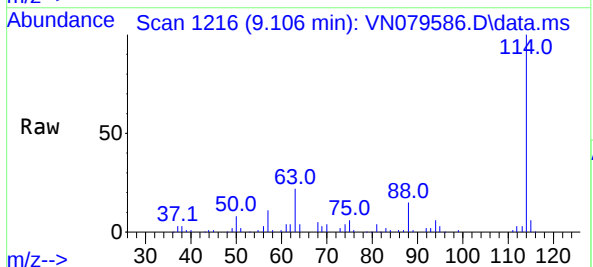
Manual Integrations
APPROVED

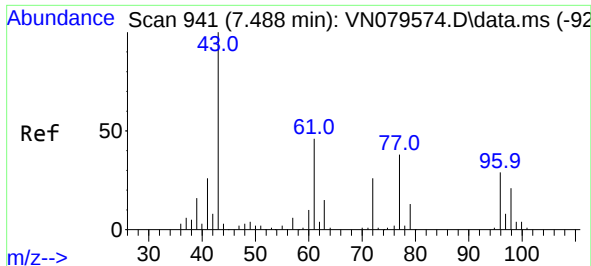
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079586.D
Acq: 17 Oct 2023 17:09

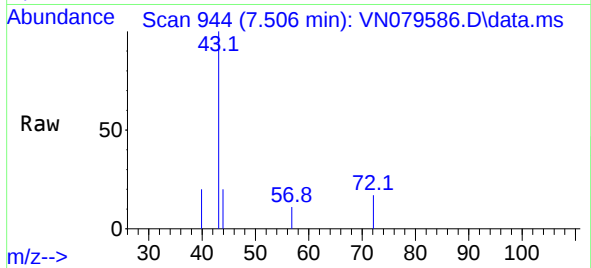
Tgt Ion:114 Resp: 128308
Ion Ratio Lower Upper
114 100
63 20.9 18.1 27.1
88 14.8 12.2 18.2





#30
2-Butanone
Concen: 4.027 ug/l m
RT: 7.506 min Scan# 941
Delta R.T. 0.018 min
Lab File: VN079586.D
Acq: 17 Oct 2023 17:09

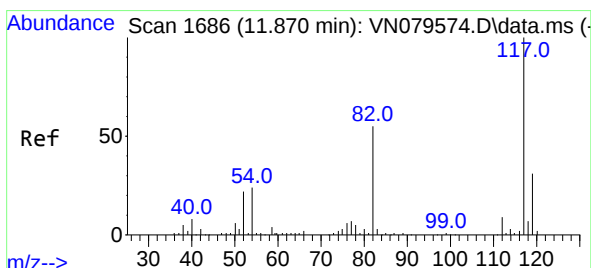
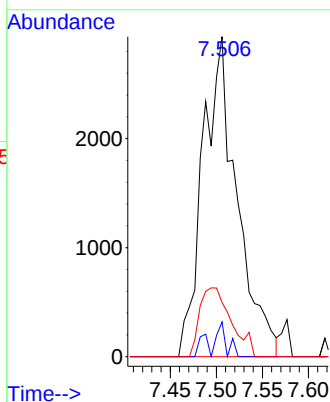
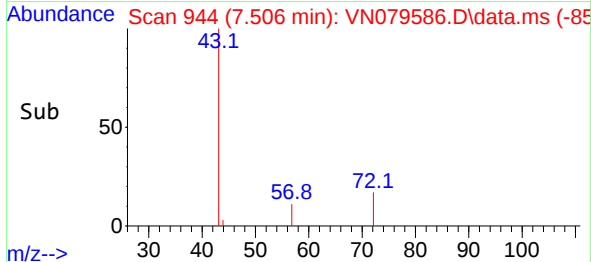
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(OCT)



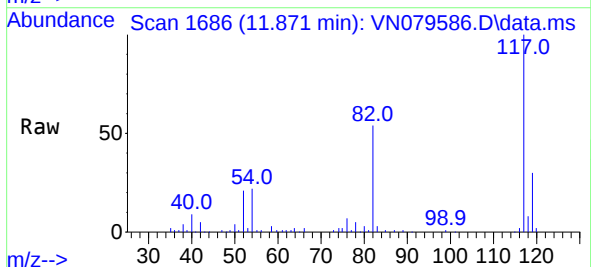
Tgt Ion: 43 Resp: 7569
Ion Ratio Lower Upper
43 100
57 1.8 6.4 9.6
72 18.8 20.7 31.1

Manual Integrations
APPROVED

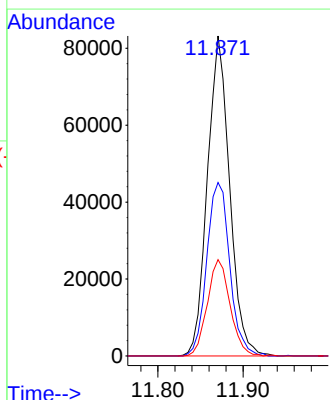
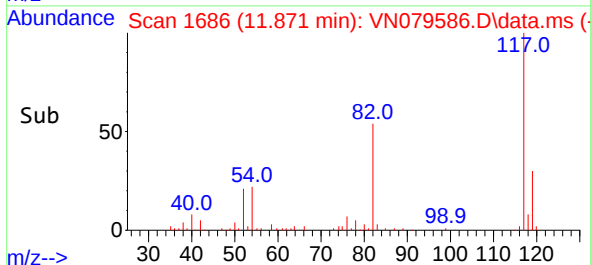
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

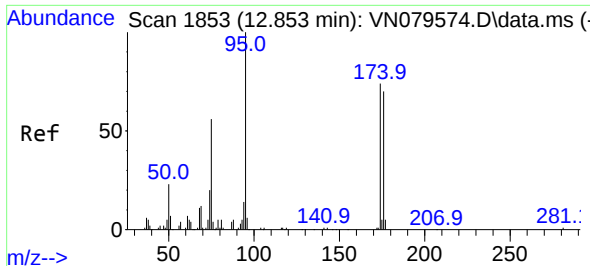


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079586.D
Acq: 17 Oct 2023 17:09



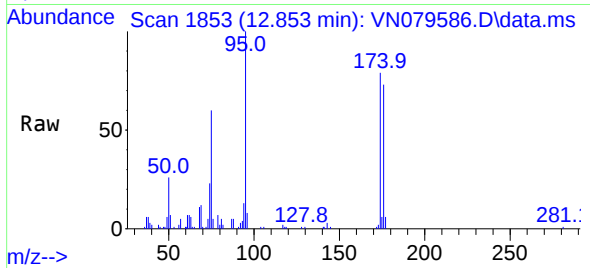
Tgt Ion:117 Resp: 150862
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.2
119 30.8 25.2 37.8





#60
4-Bromofluorobenzene
Concen: 20.585 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079586.D
Acq: 17 Oct 2023 17:09

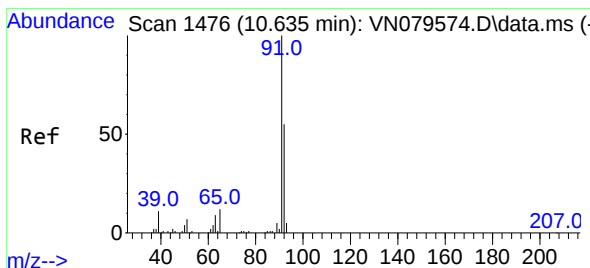
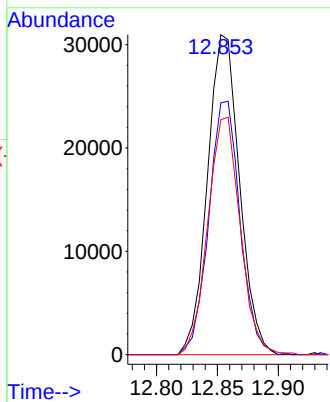
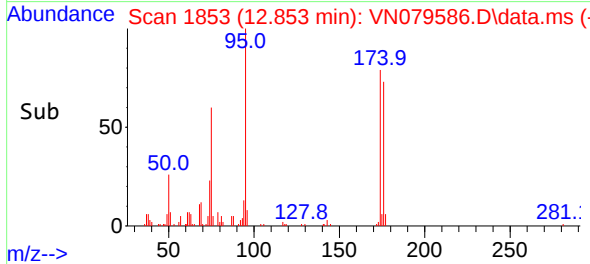
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(OCT)



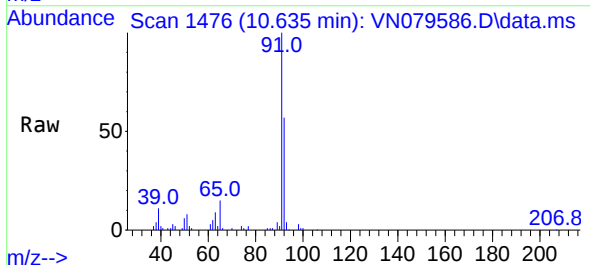
Tgt Ion: 95 Resp: 56792
Ion Ratio Lower Upper
95 100
174 77.1 60.5 90.7
176 74.6 57.2 85.8

Manual Integrations
APPROVED

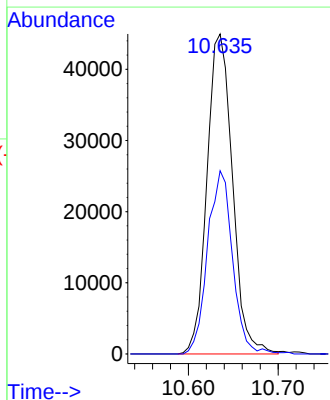
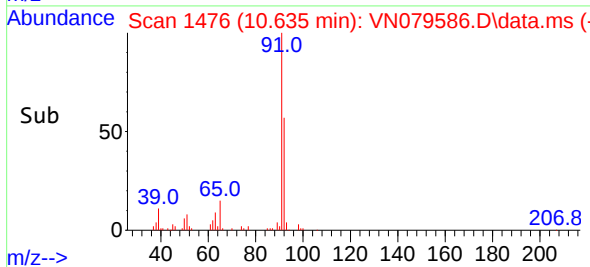
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

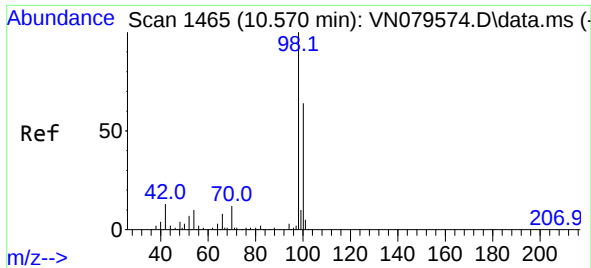


#62
Toluene
Concen: 7.693 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079586.D
Acq: 17 Oct 2023 17:09



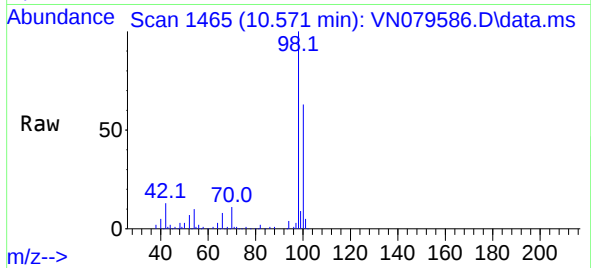
Tgt Ion: 91 Resp: 88702
Ion Ratio Lower Upper
91 100
92 55.3 45.3 67.9





#63
Toluene-d8
Concen: 28.696 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079586.D
Acq: 17 Oct 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(OCT)



Tgt Ion: 98 Resp: 18550
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

