

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102524\
 Data File : VN084518.D
 Acq On : 25 Oct 2024 16:03
 Operator : JC\MD
 Sample : P4554-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(SEP)

Quant Time: Oct 26 05:31:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2024
 Supervised By :Mahesh Dadoda 10/28/2024

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

Internal Standards						
1) Bromochloromethane	7.812	128	30444	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	149069	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	138801	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	74130	30.245	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.800%			
60) 4-Bromofluorobenzene	12.847	95	57249	24.991	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 83.300%			
63) Toluene-d8	10.565	98	185282	28.814	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 96.033%			
Target Compounds						
						Qvalue
15) Acetone	4.430	58	8556m	28.093	ug/l	
18) Methylene Chloride	5.289	84	2337m	1.094	ug/l	
25) Chloroform	7.965	83	2652	0.691	ug/l	87
41) Bromodichloromethane	9.888	83	729	0.263	ug/l #	95
53) Dibromochloromethane	11.365	129	740	0.357	ug/l	62
58) 4-Methyl-2-Pentanone	10.441	43	3607	1.395	ug/l	94

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

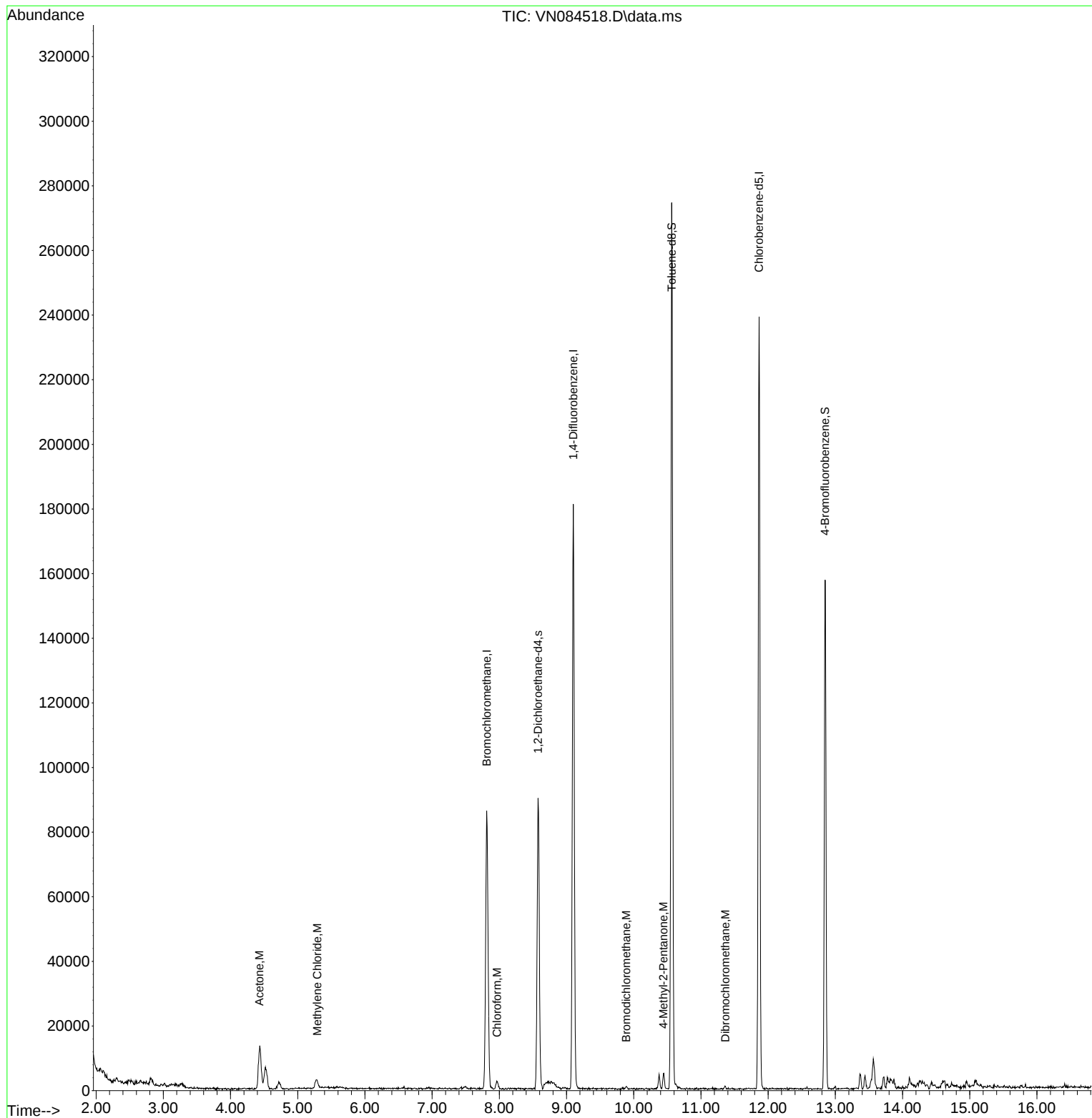
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102524\
Data File : VN084518.D
Acq On : 25 Oct 2024 16:03
Operator : JC\MD
Sample : P4554-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

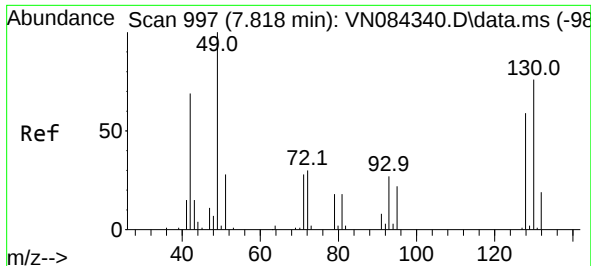
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)

Quant Time: Oct 26 05:31:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 09 02:22:28 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

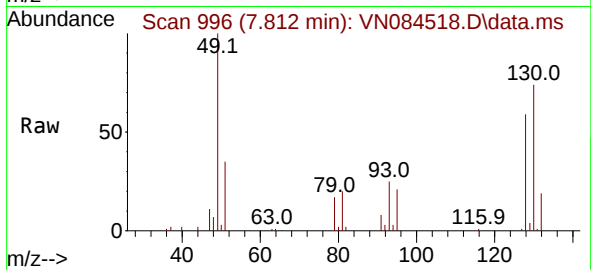
Reviewed By :Semsettin Yesilyurt 10/28/2024
Supervised By :Mahesh Dadoda 10/28/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN084518.D
Acq: 25 Oct 2024 16:03

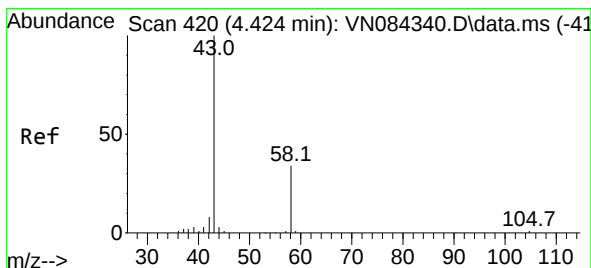
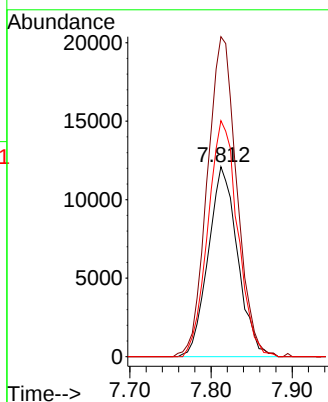
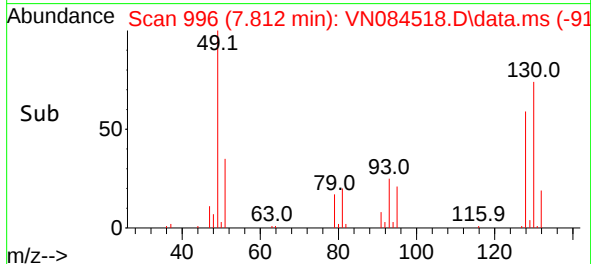
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)



Tgt Ion:128 Resp: 3044
Ion Ratio Lower Upper
128 100
49 169.1 0.0 430.0
130 126.2 0.0 329.8

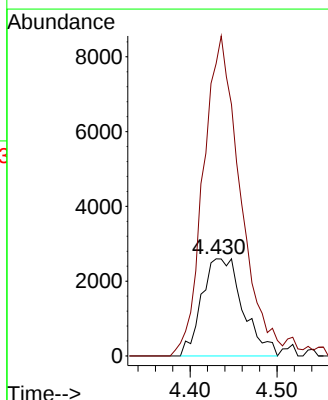
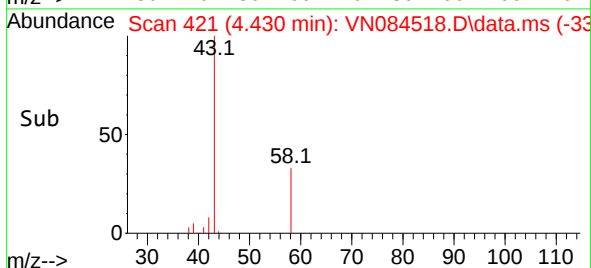
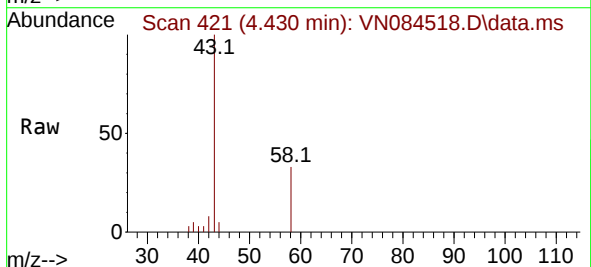
Manual Integrations
APPROVED

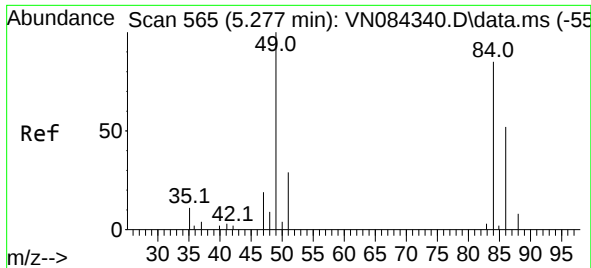
Reviewed By :Semsettin Yesilyurt 10/28/2024
Supervised By :Mahesh Dadoda 10/28/2024



#15
Acetone
Concen: 28.093 ug/l m
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084518.D
Acq: 25 Oct 2024 16:03

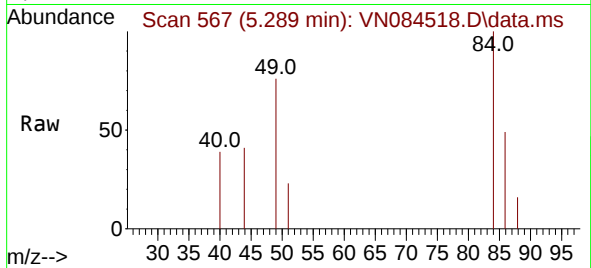
Tgt Ion: 58 Resp: 8556
Ion Ratio Lower Upper
58 100
43 300.9 237.5 356.3





#18
Methylene Chloride
Concen: 1.094 ug/l m
RT: 5.289 min Scan# 567
Delta R.T. 0.012 min
Lab File: VN084518.D
Acq: 25 Oct 2024 16:03

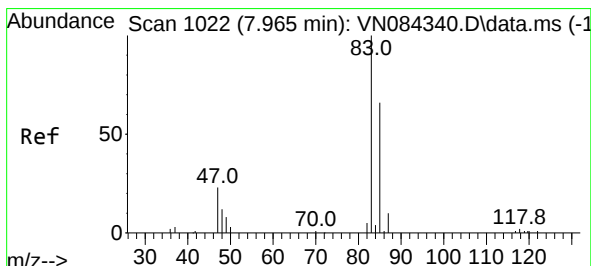
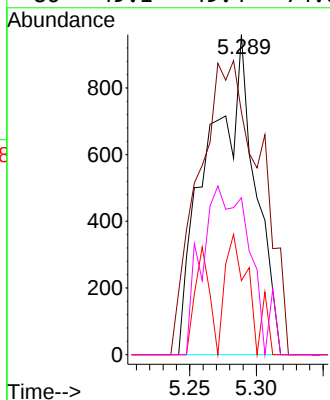
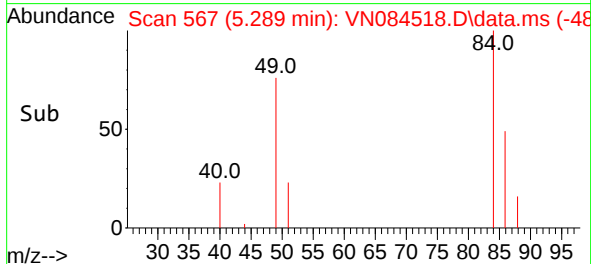
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)



Tgt Ion: 84 Resp: 233
Ion Ratio Lower Upper
84 100
49 75.8 94.6 142.0
51 23.1 27.3 40.9
86 49.1 49.4 74.0#

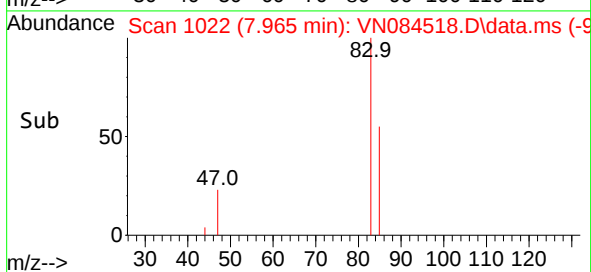
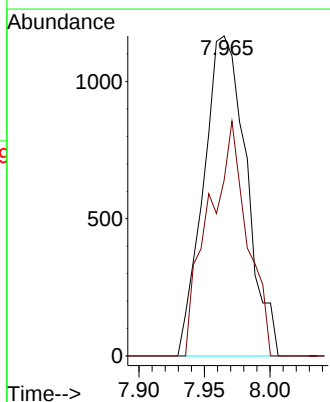
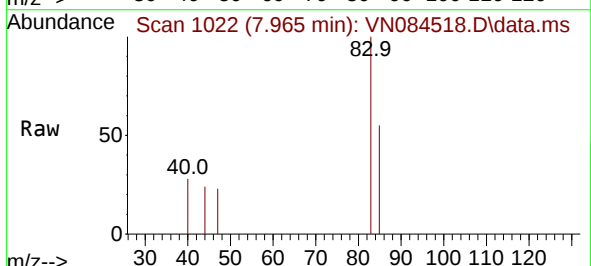
Manual Integrations
APPROVED

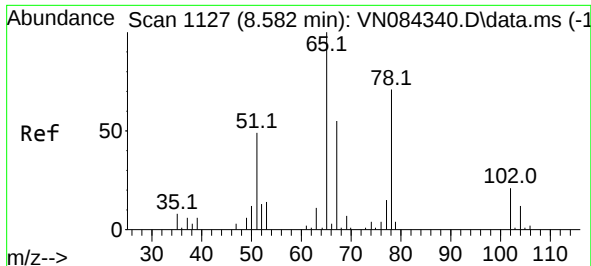
Reviewed By :Semsettin Yesilyurt 10/28/2024
Supervised By :Mahesh Dadoda 10/28/2024



#25
Chloroform
Concen: 0.691 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084518.D
Acq: 25 Oct 2024 16:03

Tgt Ion: 83 Resp: 2652
Ion Ratio Lower Upper
83 100
85 54.9 52.4 78.6





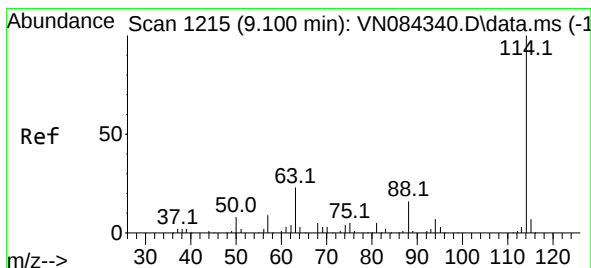
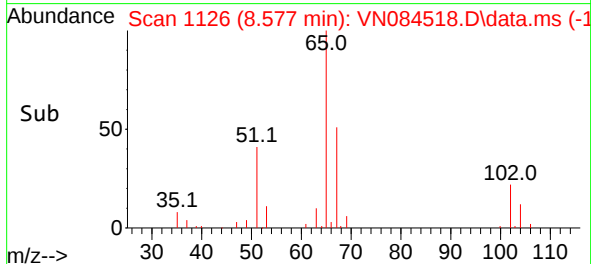
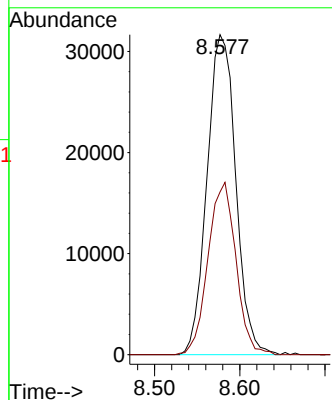
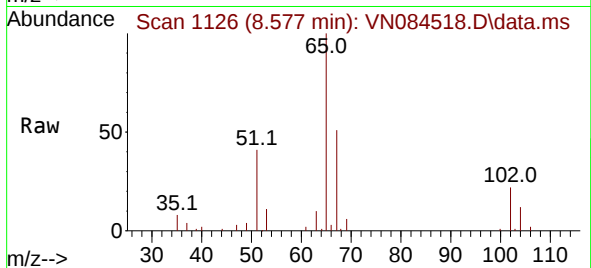
#27
1,2-Dichloroethane-d4
Concen: 30.245 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084518.D
Acq: 25 Oct 2024 16:03

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)

Tgt Ion: 65 Resp: 74130
Ion Ratio Lower Upper
65 100
67 52.3 41.5 62.3

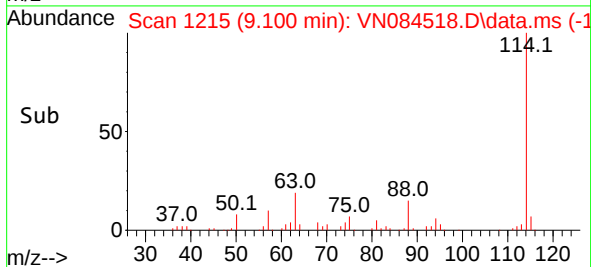
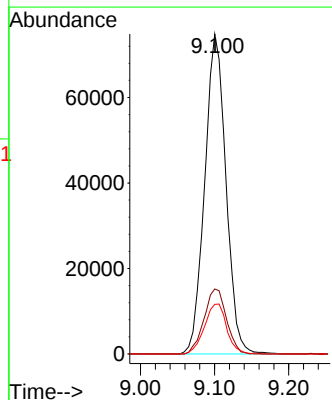
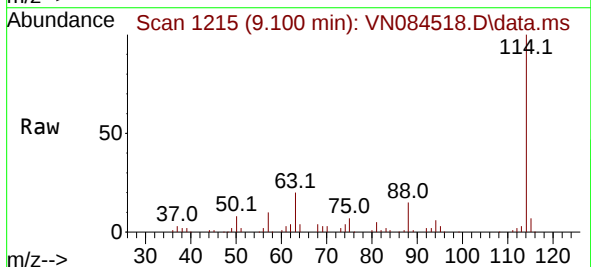
Manual Integrations
APPROVED

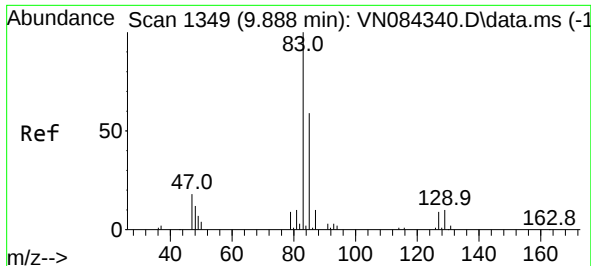
Reviewed By :Semsettin Yesilyurt 10/28/2024
Supervised By :Mahesh Dadoda 10/28/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084518.D
Acq: 25 Oct 2024 16:03

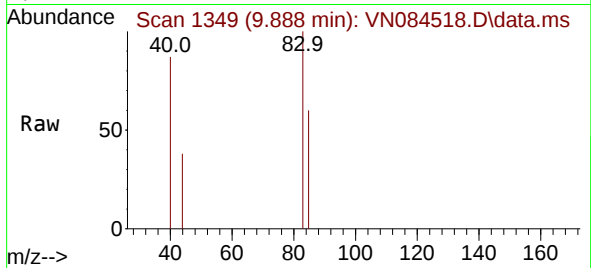
Tgt Ion:114 Resp: 149069
Ion Ratio Lower Upper
114 100
63 21.4 17.4 26.0
88 16.3 13.2 19.8





#41
Bromodichloromethane
Concen: 0.263 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084518.D
Acq: 25 Oct 2024 16:03

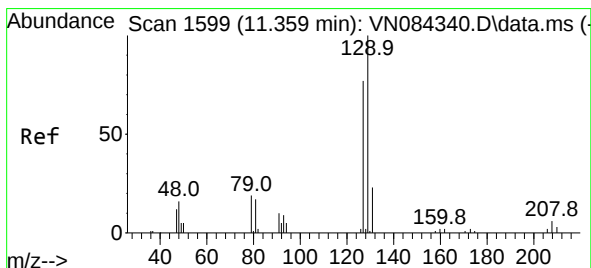
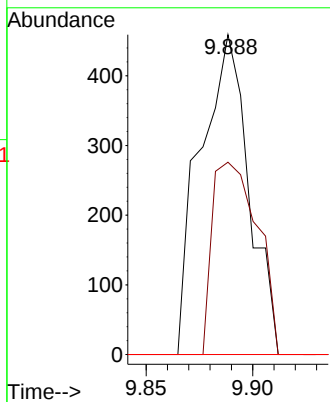
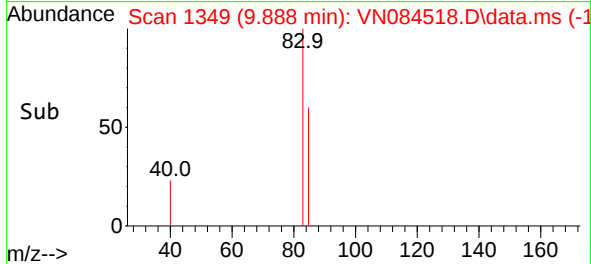
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)



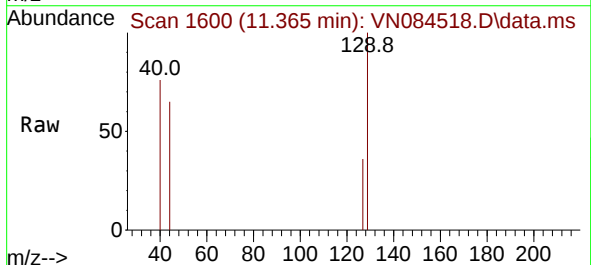
Tgt Ion: 83 Resp: 729
Ion Ratio Lower Upper
83 100
85 60.1 47.1 70.7
127 0.0 7.1 10.7

Manual Integrations
APPROVED

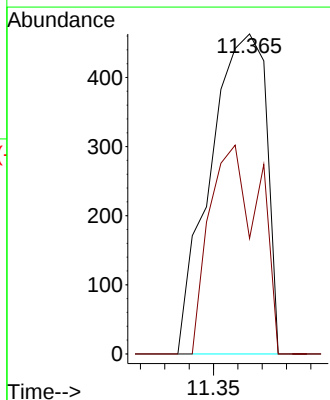
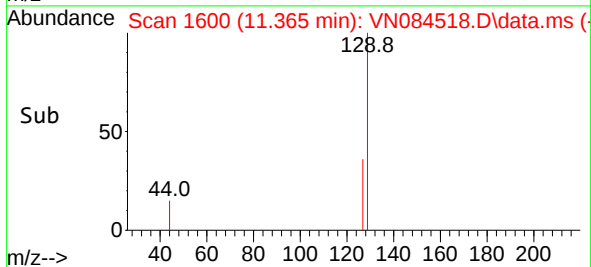
Reviewed By :Semsettin Yesilyurt 10/28/2024
Supervised By :Mahesh Dadoda 10/28/2024

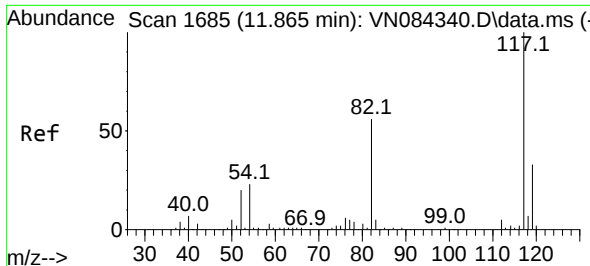


#53
Dibromochloromethane
Concen: 0.357 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN084518.D
Acq: 25 Oct 2024 16:03



Tgt Ion:129 Resp: 740
Ion Ratio Lower Upper
129 100
127 44.6 38.5 115.5





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084518.D

Acq: 25 Oct 2024 16:03

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(SEP)

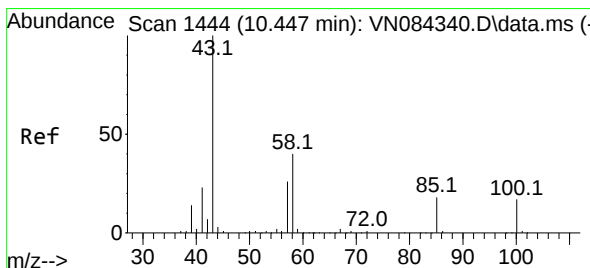
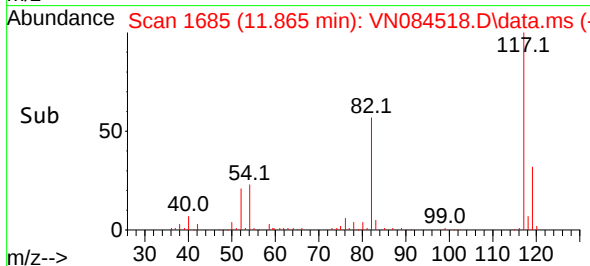
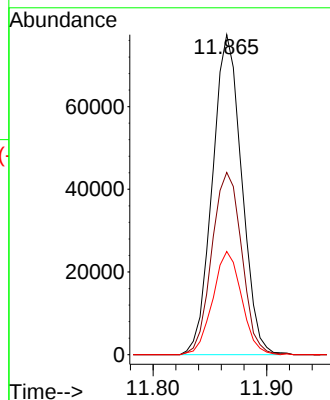
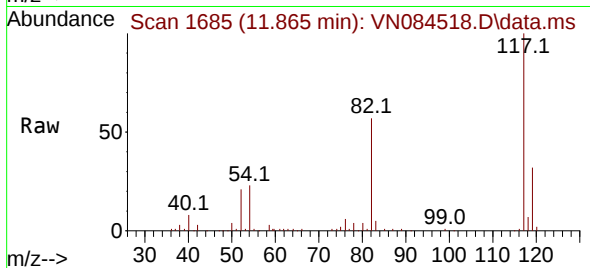
Tgt Ion:117 Resp: 13880

Ion	Ratio	Lower	Upper
117	100		
82	58.2	46.2	69.4
119	31.8	25.4	38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2024
Supervised By :Mahesh Dadoda 10/28/2024



#58

4-Methyl-2-Pentanone

Concen: 1.395 ug/l

RT: 10.441 min Scan# 1443

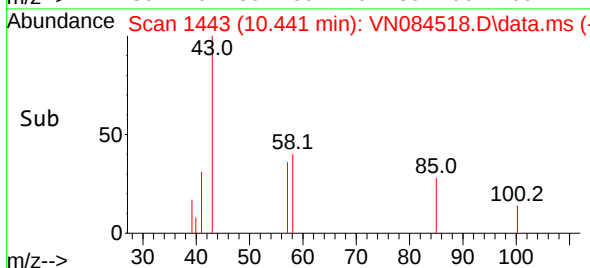
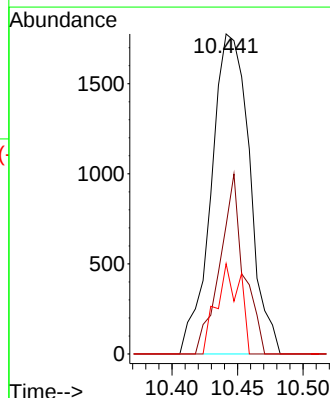
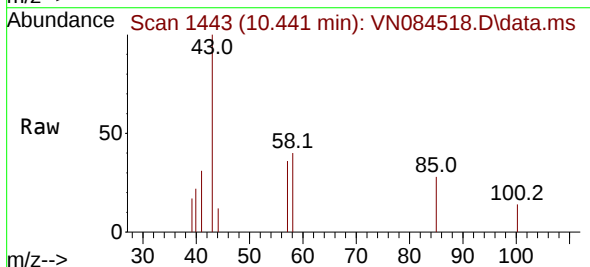
Delta R.T. -0.006 min

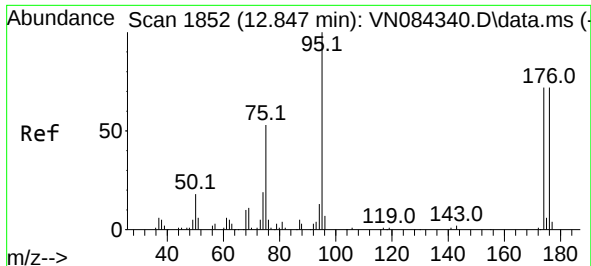
Lab File: VN084518.D

Acq: 25 Oct 2024 16:03

Tgt Ion: 43 Resp: 3607

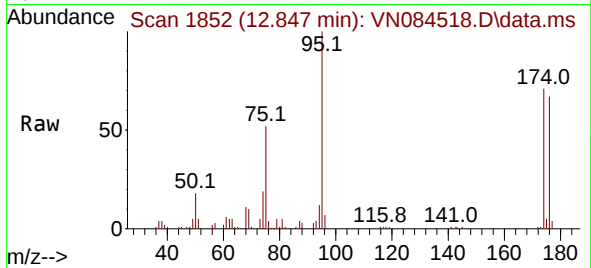
Ion	Ratio	Lower	Upper
43	100		
58	35.1	31.9	47.9
85	17.2	14.6	22.0





#60
4-Bromofluorobenzene
Concen: 24.991 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084518.D
Acq: 25 Oct 2024 16:03

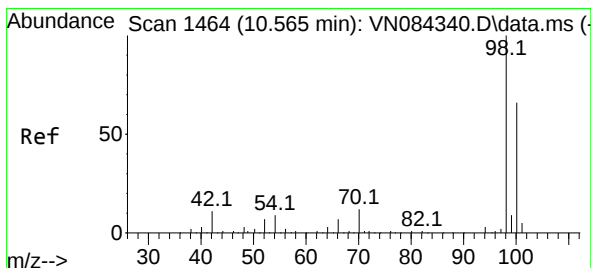
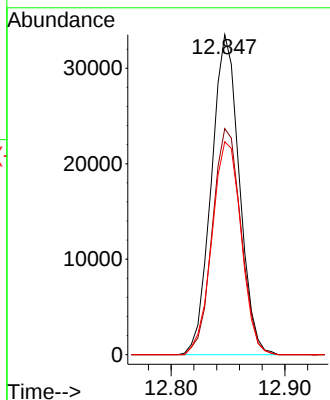
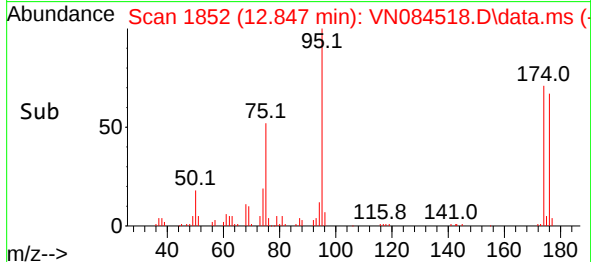
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)



Tgt Ion: 95 Resp: 57249
Ion Ratio Lower Upper
95 100
174 72.4 58.2 87.2
176 69.7 56.4 84.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2024
Supervised By :Mahesh Dadoda 10/28/2024



#63
Toluene-d8
Concen: 28.814 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084518.D
Acq: 25 Oct 2024 16:03

Tgt Ion: 98 Resp: 185282
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7

