

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112524\
 Data File : VN085026.D
 Acq On : 25 Nov 2024 13:14
 Operator : JC\MD
 Sample : P4967-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/26/2024

Quant Time: Nov 25 15:14:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	32568	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	164674	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	145379	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	74069	28.289	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	94.300%	
60) 4-Bromofluorobenzene	12.847	95	64237	25.662	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	85.533%	
63) Toluene-d8	10.565	98	195474	28.403	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	94.667%	
Target Compounds						
15) Acetone	4.424	58	2744m	11.034	ug/l	Qvalue
25) Chloroform	7.959	83	4251	1.066	ug/l	87
41) Bromodichloromethane	9.882	83	3850	1.301	ug/l #	68
53) Dibromochloromethane	11.353	129	5331	2.460	ug/l	86
56) Bromoform	12.576	173	3101	2.135	ug/l #	98
62) Toluene	10.624	91	154315	18.637	ug/l	100
82) p-Isopropyltoluene	13.729	119	1861	0.285	ug/l	97

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

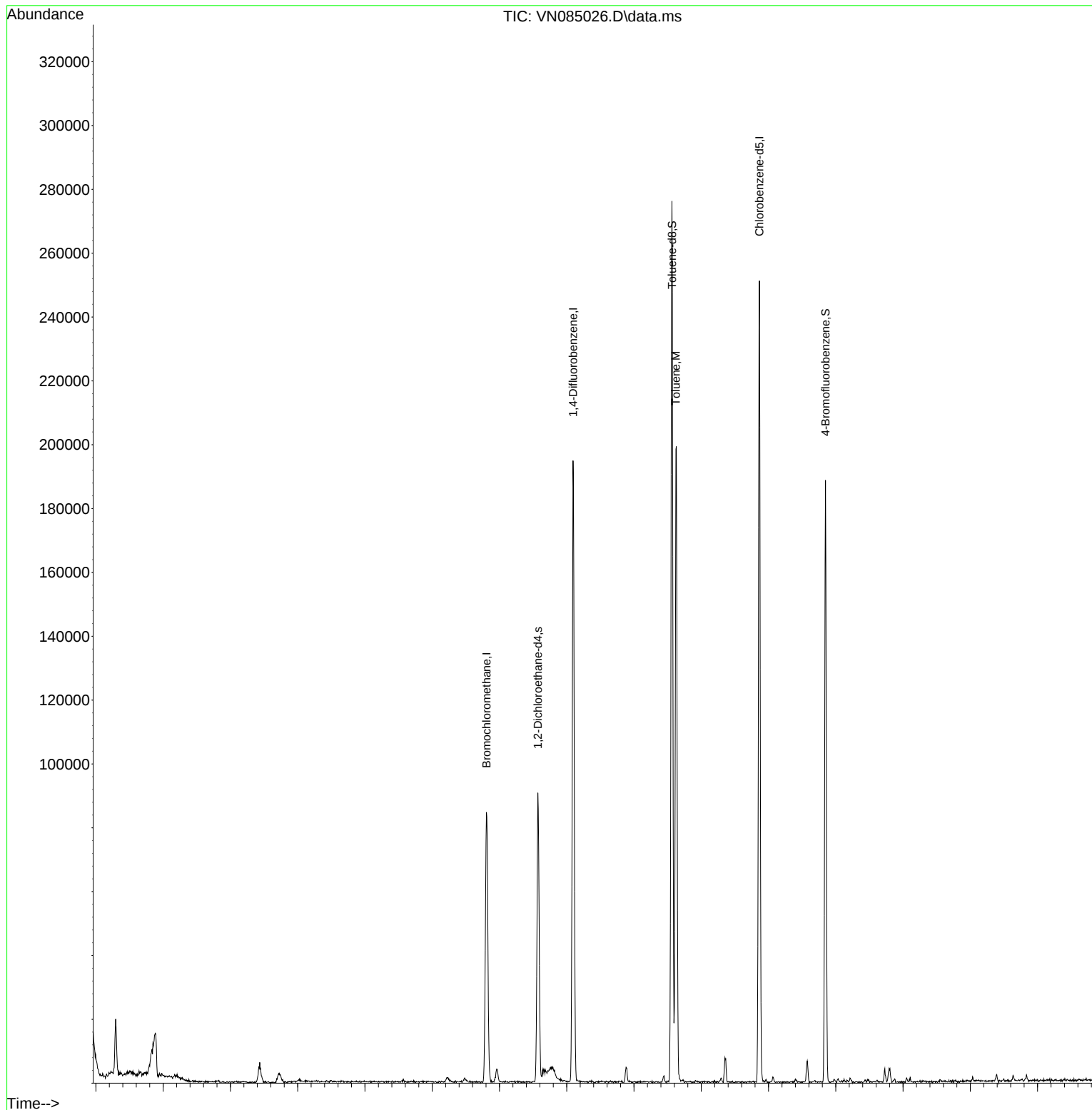
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Data File : VN085026.D
Acq On : 25 Nov 2024 13:14
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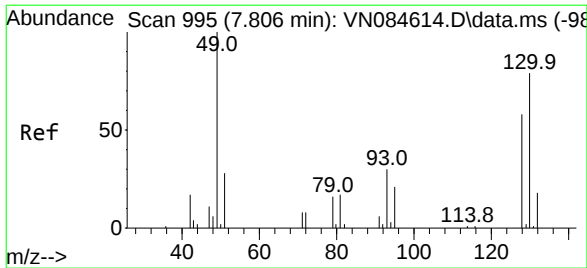
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD

Quant Time: Nov 25 15:14:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 01 02:38:04 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

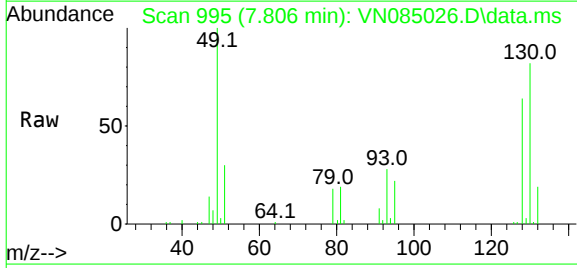
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 995
Delta R.T. 0.000 min
Lab File: VN085026.D
Acq: 25 Nov 2024 13:14

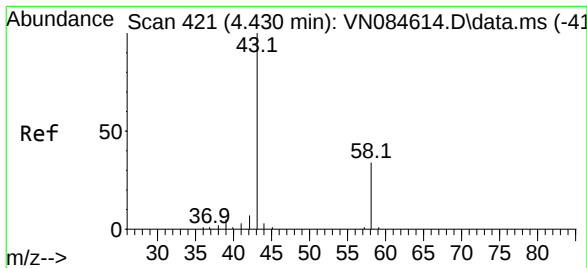
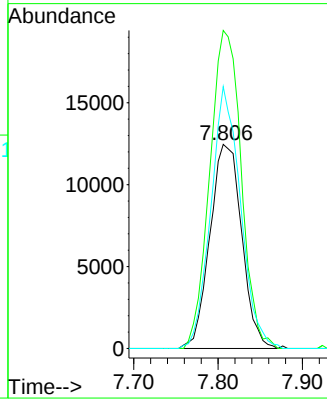
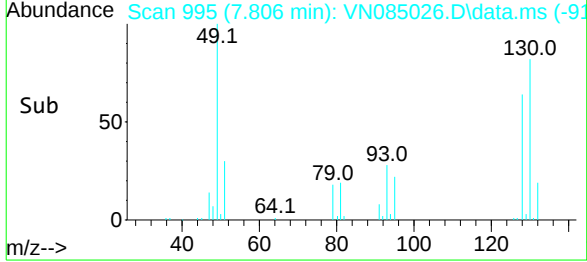
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD



Tgt Ion: 128 Resp: 32568
Ion Ratio Lower Upper
128 100
49 154.3 0.0 427.0
130 120.0 0.0 322.2

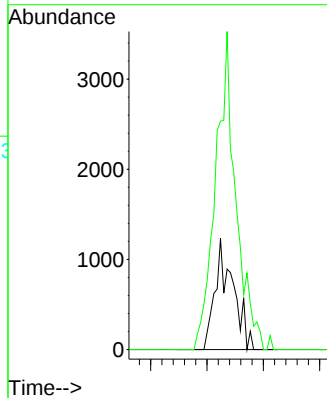
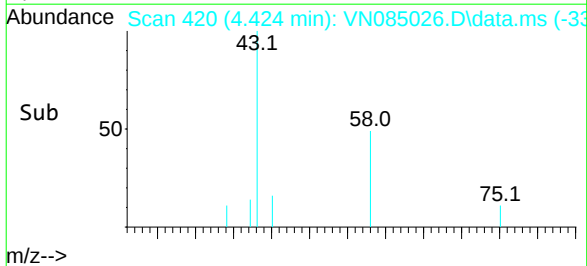
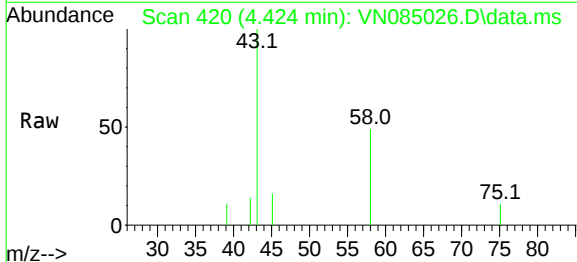
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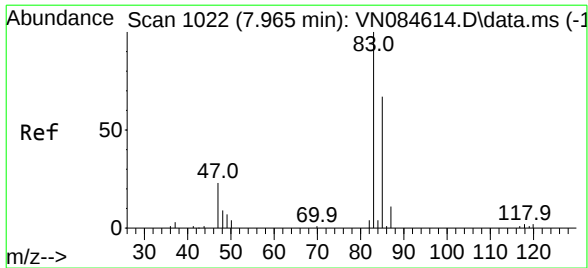
Reviewed By : John Carlone 11/25/2024
Supervised By : Mahesh Dadoda 11/26/2024



#15
Acetone
Concen: 11.034 ug/l m
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN085026.D
Acq: 25 Nov 2024 13:14

Tgt Ion: 58 Resp: 2744
Ion Ratio Lower Upper
58 100
43 205.1 233.0 349.6#





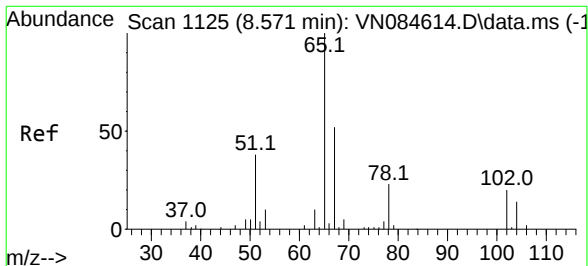
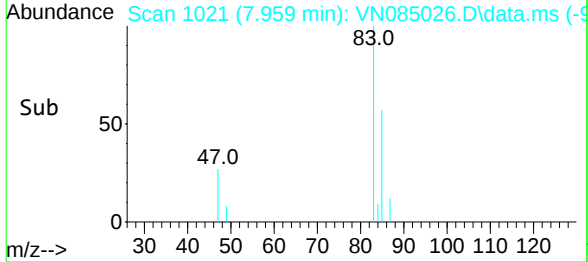
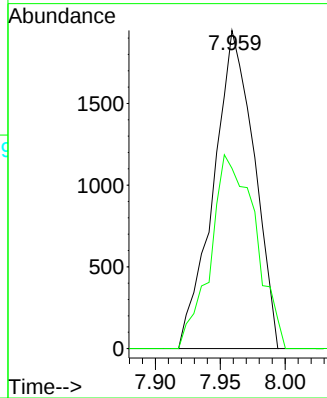
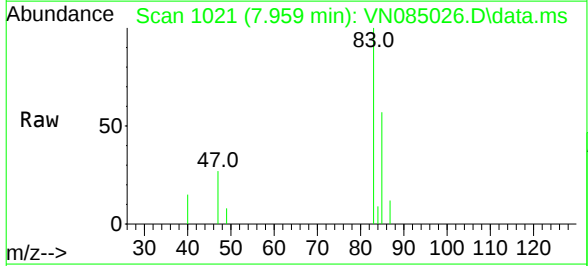
#25
Chloroform
Concen: 1.066 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN085026.D
Acq: 25 Nov 2024 13:14

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD

Tgt Ion: 83 Resp: 4251
Ion Ratio Lower Upper
83 100
85 56.7 53.4 80.2

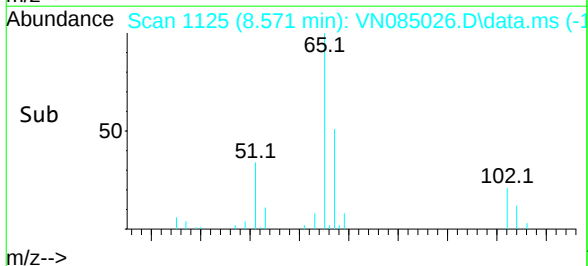
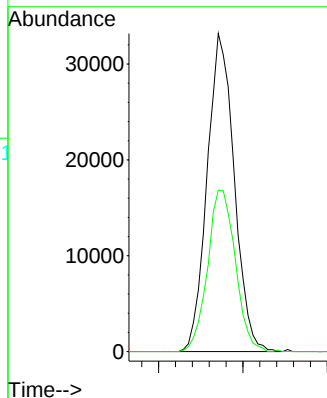
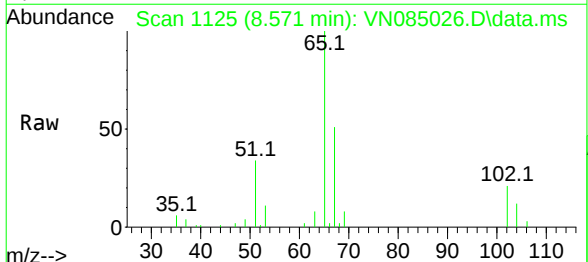
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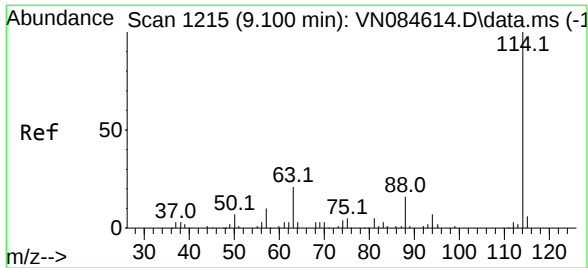
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#27
1,2-Dichloroethane-d4
Concen: 28.289 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN085026.D
Acq: 25 Nov 2024 13:14

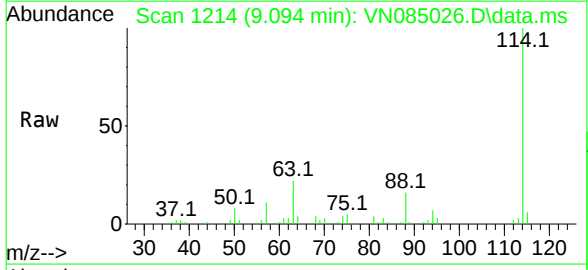
Tgt Ion: 65 Resp: 74069
Ion Ratio Lower Upper
65 100
67 52.0 40.7 61.1





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085026.D
Acq: 25 Nov 2024 13:14

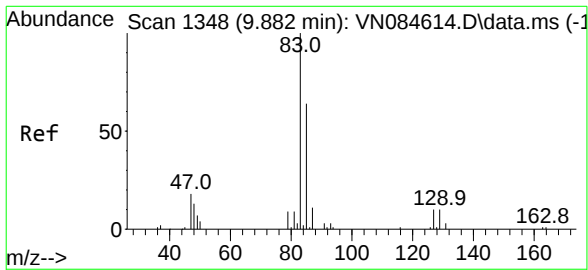
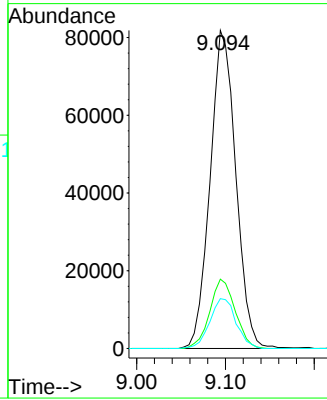
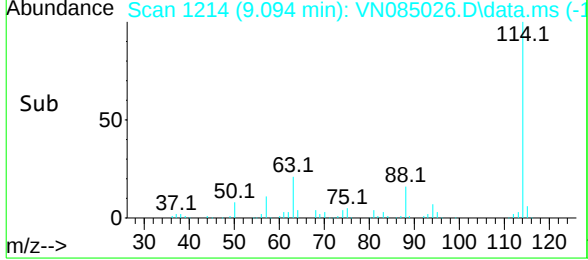
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD



Tgt Ion: 114 Resp: 164674
Ion Ratio Lower Upper
114 100
63 21.5 16.8 25.2
88 16.0 12.9 19.3

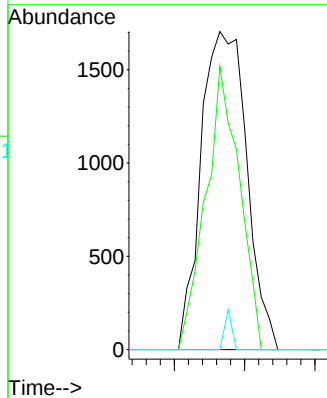
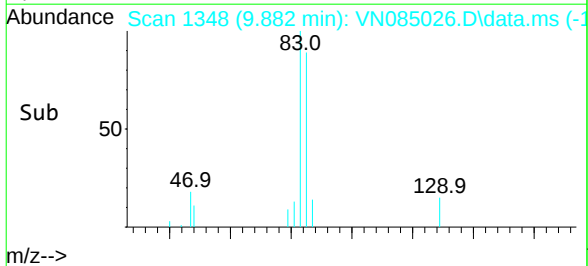
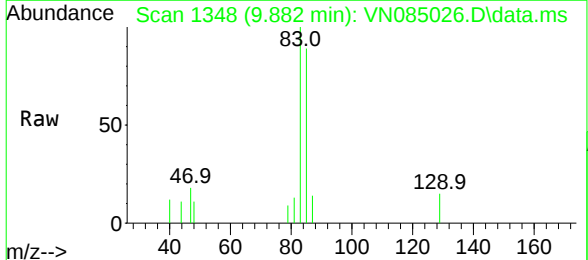
Manual Integrations
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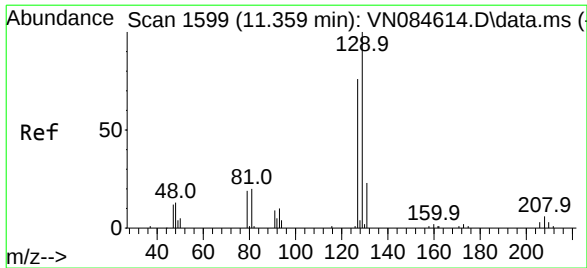
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#41
Bromodichloromethane
Concen: 1.301 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN085026.D
Acq: 25 Nov 2024 13:14

Tgt Ion: 83 Resp: 3850
Ion Ratio Lower Upper
83 100
85 89.0 51.0 76.6#
127 0.0 7.8 11.6#





#53

Dibromochloromethane

Concen: 2.460 ug/l

RT: 11.353 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VN085026.D

Acq: 25 Nov 2024 13:14

Instrument :

MSVOA_N

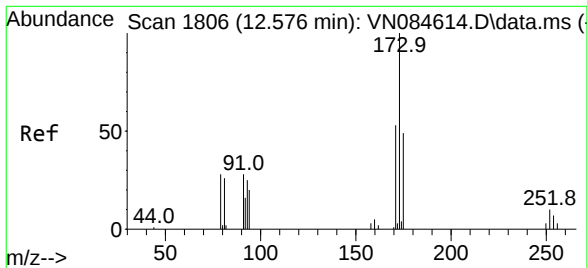
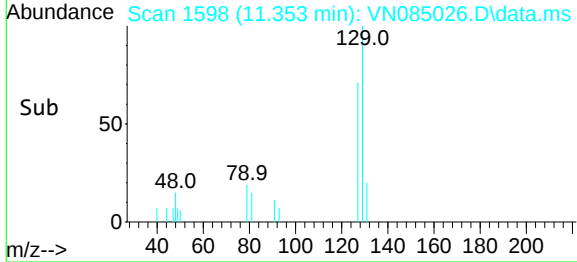
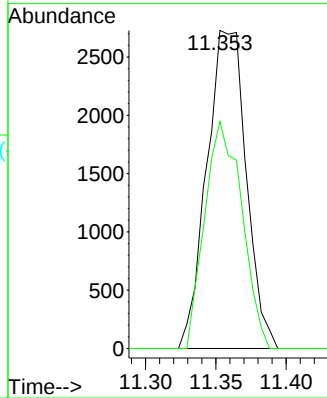
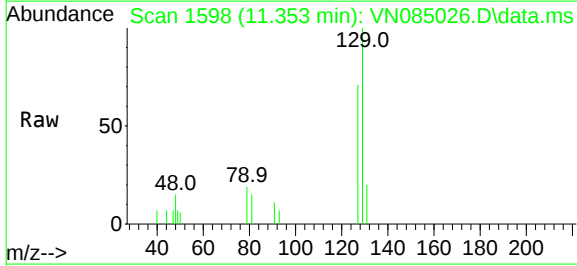
ClientSampleId :

001-WILLETS-PT-BLVD

Tgt Ion:129 Resp: 5331
 Ion Ratio Lower Upper
 129 100
 127 66.9 39.6 119.0

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Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/26/2024



#56

Bromoform

Concen: 2.135 ug/l

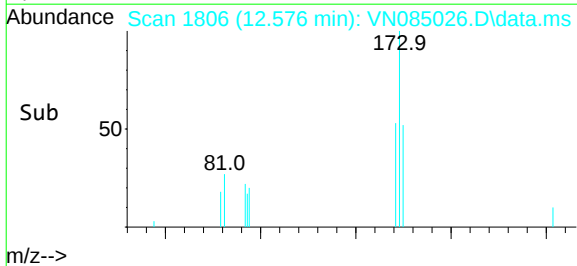
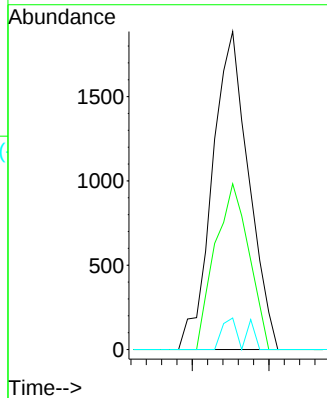
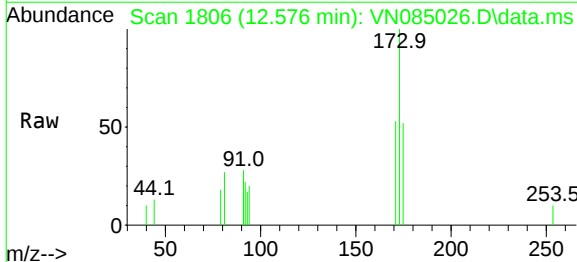
RT: 12.576 min Scan# 1806

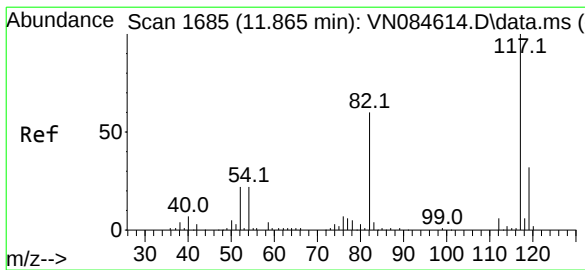
Delta R.T. -0.000 min

Lab File: VN085026.D

Acq: 25 Nov 2024 13:14

Tgt Ion:173 Resp: 3101
 Ion Ratio Lower Upper
 173 100
 175 48.6 39.4 59.2
 254 3.9 6.4 9.6#





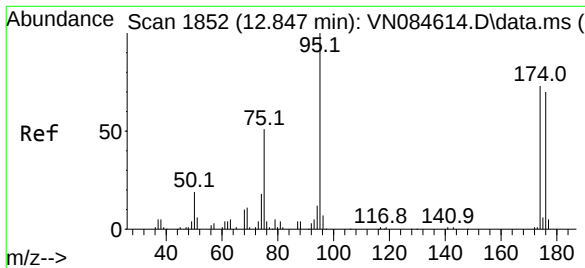
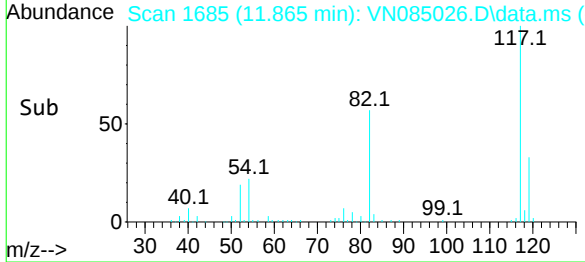
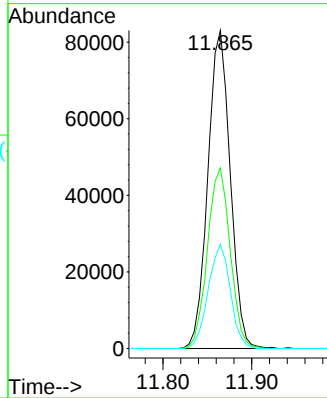
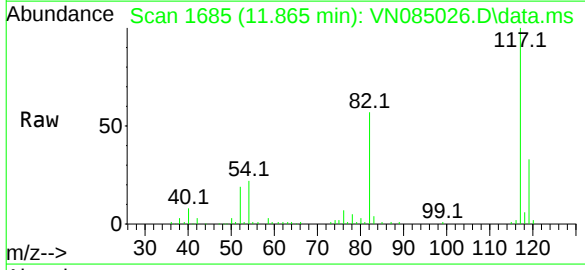
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085026.D
Acq: 25 Nov 2024 13:14

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD

Tgt Ion: 117 Resp: 145379
Ion Ratio Lower Upper
117 100
82 57.7 45.5 68.3
119 32.4 25.3 37.9

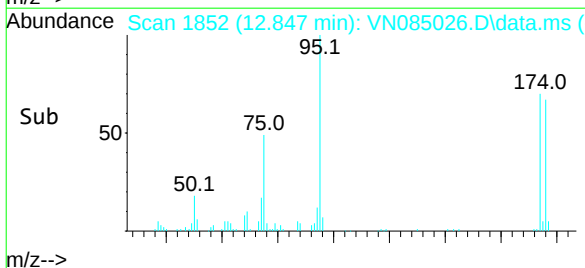
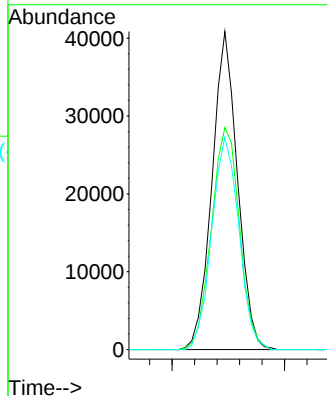
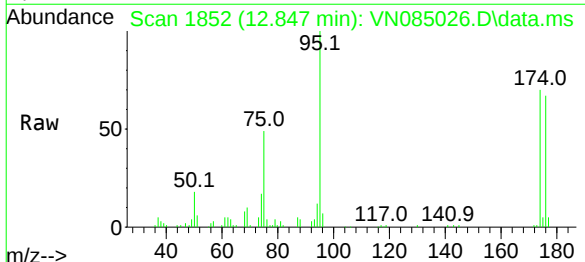
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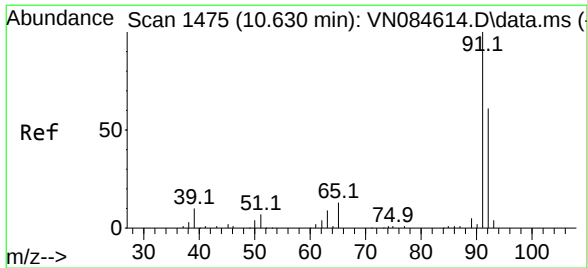
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#60
4-Bromofluorobenzene
Concen: 25.662 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085026.D
Acq: 25 Nov 2024 13:14

Tgt Ion: 95 Resp: 64237
Ion Ratio Lower Upper
95 100
174 76.9 59.6 89.4
176 71.1 58.6 88.0





#62

Toluene

Concen: 18.637 ug/l

RT: 10.624 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN085026.D

Acq: 25 Nov 2024 13:14

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD

Tgt Ion: 91 Resp: 154315

Ion Ratio Lower Upper

91 100

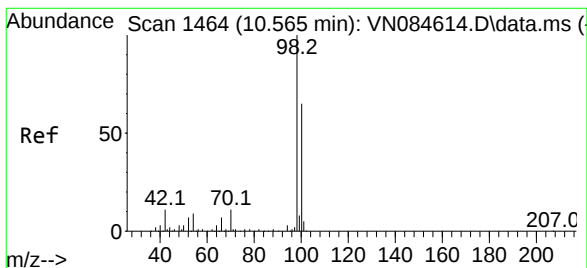
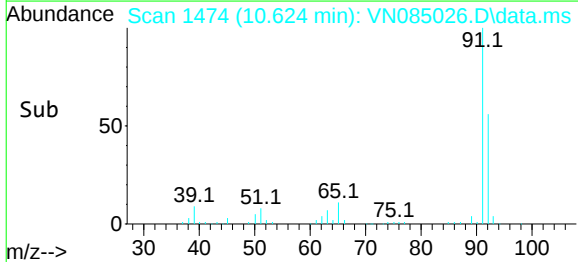
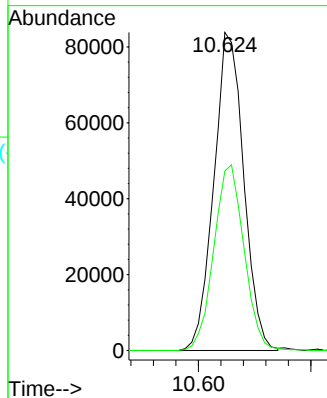
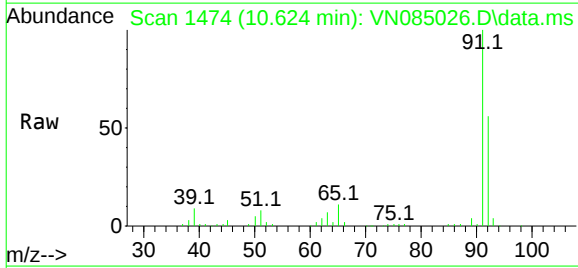
92 59.2 47.5 71.3

Manual Integrations

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Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/26/2024



#63

Toluene-d8

Concen: 28.403 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085026.D

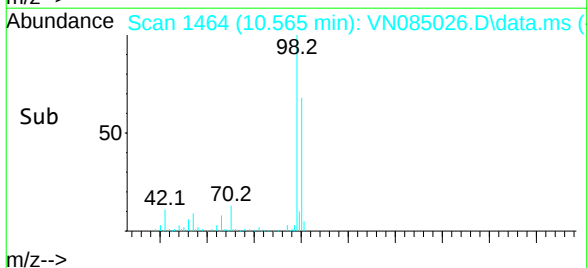
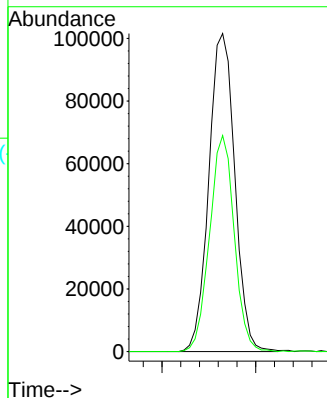
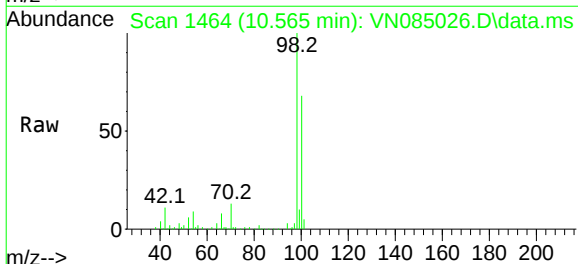
Acq: 25 Nov 2024 13:14

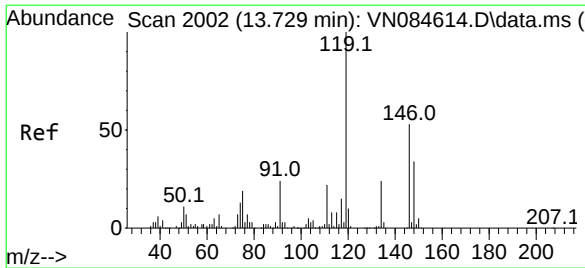
Tgt Ion: 98 Resp: 195474

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.2





#82
 p-Isopropyltoluene
 Concen: 0.285 ug/l
 RT: 13.729 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085026.D
 Acq: 25 Nov 2024 13:14

Instrument :
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 001-WILLETS-PT-BLVD

Tgt Ion:	119	Resp:	1861
Ion Ratio	Lower	Upper	
119	100		
134	27.1	0.0	51.4
91	26.3	0.0	50.4

Manual Integrations
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