

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112524\
 Data File : VN085027.D
 Acq On : 25 Nov 2024 13:38
 Operator : JC\MD
 Sample : P4967-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE

Manual Integrations
 APPROVED

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

Quant Time: Nov 25 15:14:22 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	7.812	128	23934	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	127741	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	114318	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	60441	31.412	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	104.700%	
60) 4-Bromofluorobenzene	12.847	95	49205	24.998	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	83.333%	
63) Toluene-d8	10.565	98	149673	27.657	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	92.200%	
Target Compounds						
15) Acetone	4.424	58	3850m	21.066	ug/l	Qvalue
25) Chloroform	7.965	83	4157	1.418	ug/l #	65
41) Bromodichloromethane	9.882	83	3352	1.460	ug/l #	83
53) Dibromochloromethane	11.353	129	4870	2.897	ug/l	84
56) Bromoform	12.576	173	3227	2.864	ug/l #	95
62) Toluene	10.629	91	212631	32.657	ug/l	98

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

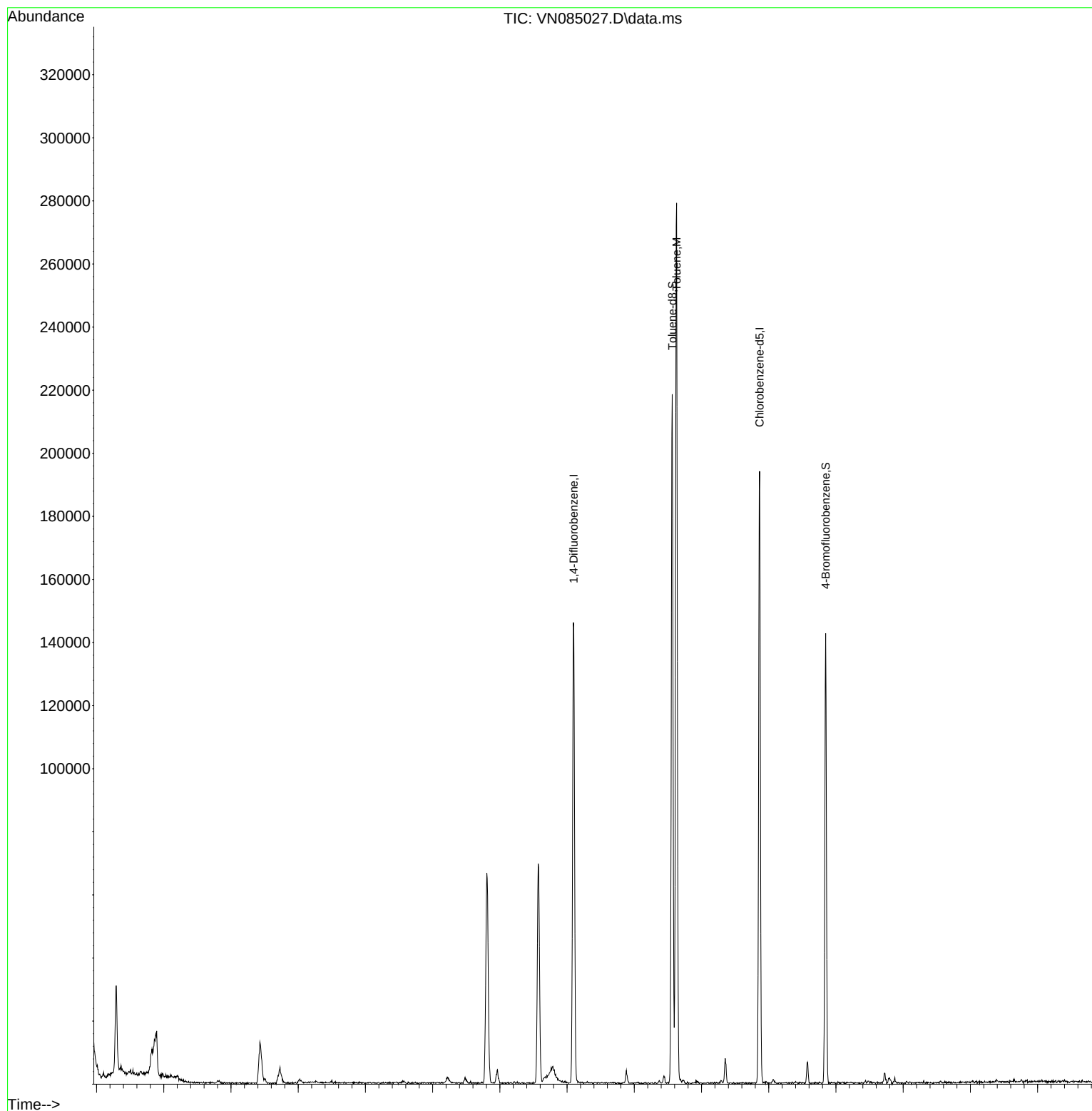
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112524\
Data File : VN085027.D
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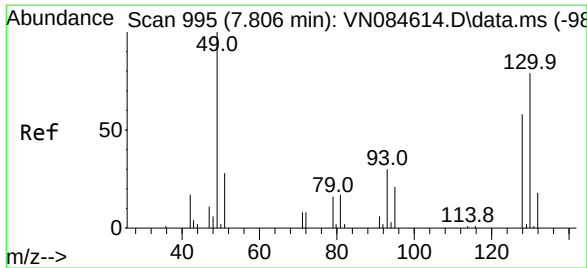
Instrument :
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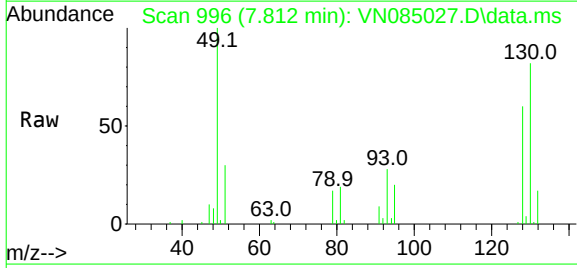
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 01 02:38:04 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN085027.D
Acq: 25 Nov 2024 13:38

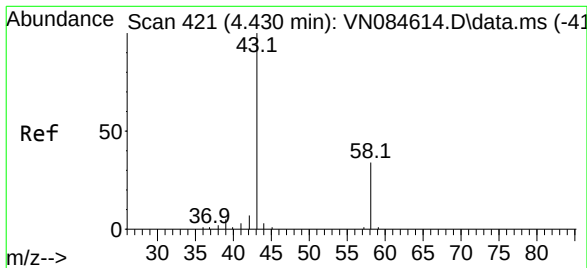
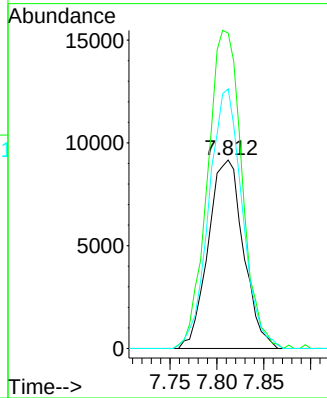
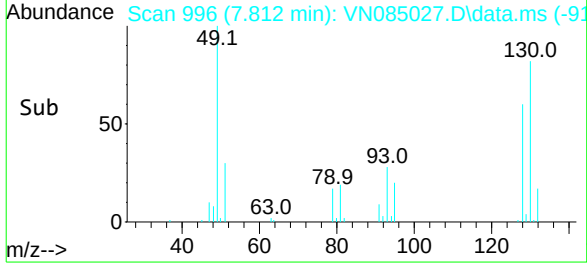
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE



Tgt Ion: 128 Resp: 23934
Ion Ratio Lower Upper
128 100
49 164.9 0.0 427.0
130 130.8 0.0 322.2

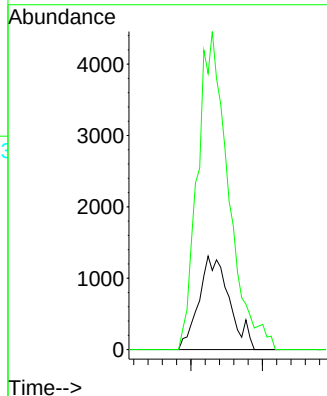
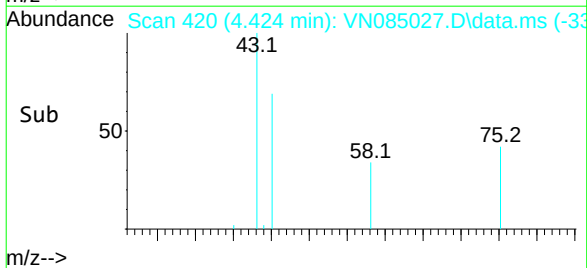
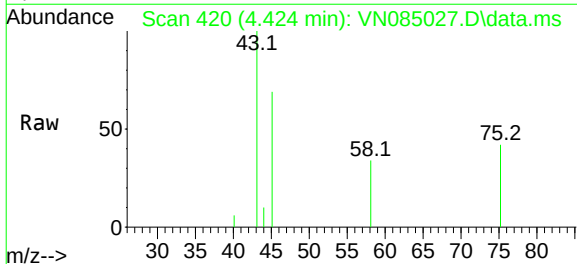
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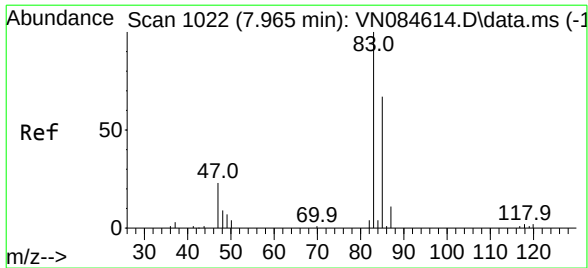
Reviewed By : John Carlone 11/25/2024
Supervised By : Mahesh Dadoda 11/26/2024



#15
Acetone
Concen: 21.066 ug/l m
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN085027.D
Acq: 25 Nov 2024 13:38

Tgt Ion: 58 Resp: 3850
Ion Ratio Lower Upper
58 100
43 295.3 233.0 349.6





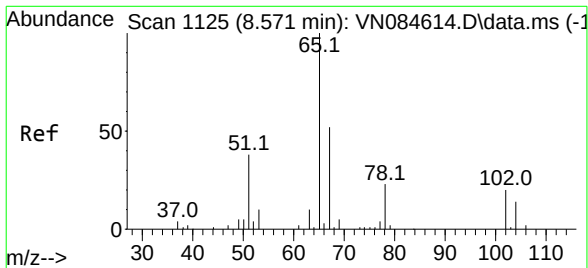
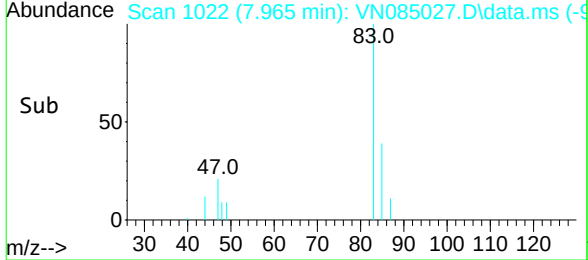
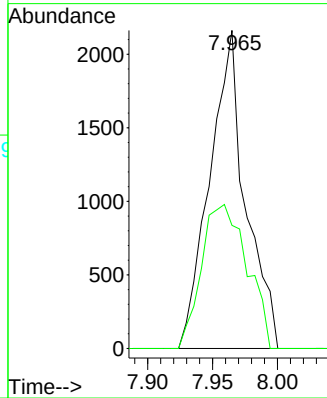
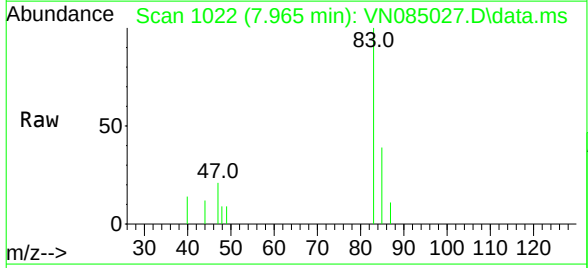
#25
Chloroform
Concen: 1.418 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN085027.D
Acq: 25 Nov 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE

Tgt Ion: 83 Resp: 4157
Ion Ratio Lower Upper
83 100
85 38.7 53.4 80.2#

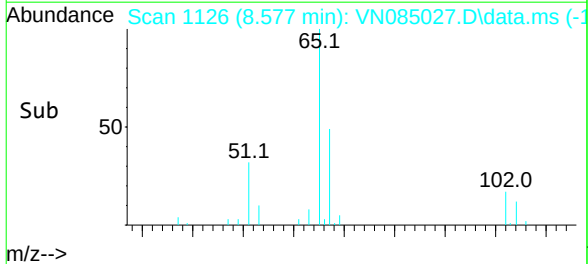
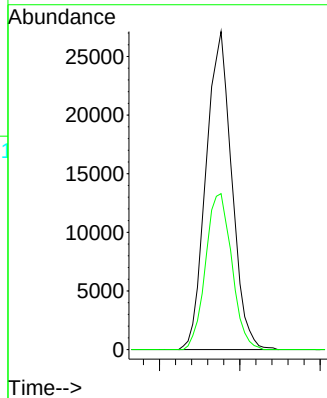
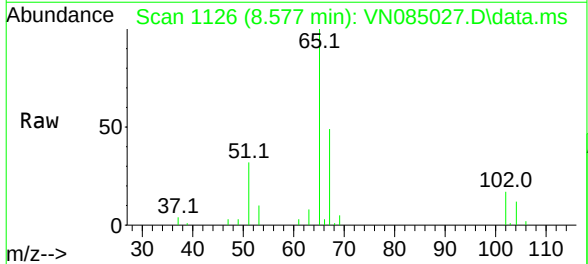
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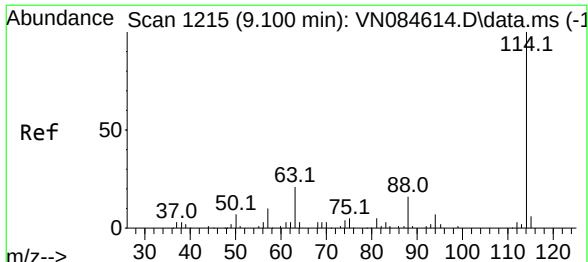
Reviewed By :John Carlone 11/25/2024
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#27
1,2-Dichloroethane-d4
Concen: 31.412 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085027.D
Acq: 25 Nov 2024 13:38

Tgt Ion: 65 Resp: 60441
Ion Ratio Lower Upper
65 100
67 49.8 40.7 61.1





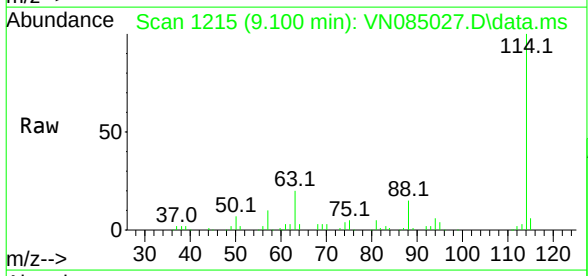
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN085027.D
 Acq: 25 Nov 2024 13:38

Instrument :

MSVOA_N

ClientSampleId :

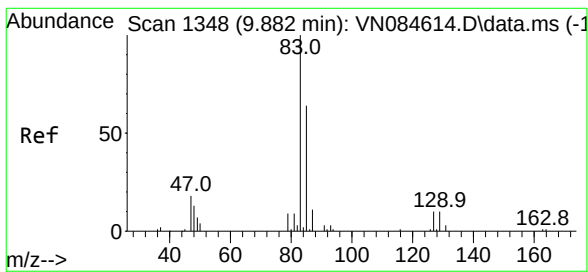
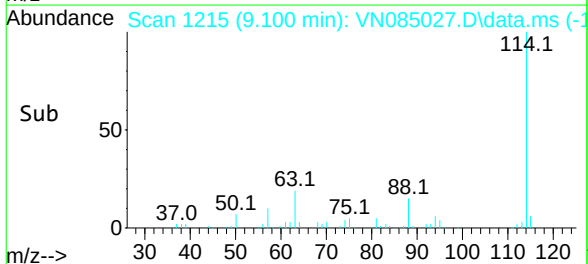
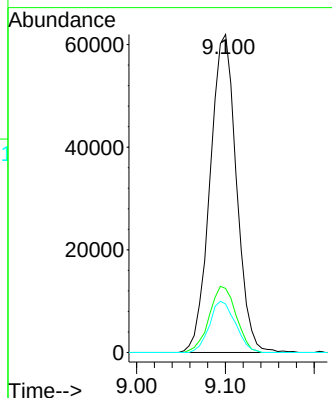
002-35TH-AVE



Tgt Ion:	114	Resp:	127741
Ion	Ratio	Lower	Upper
114	100		
63	21.2	16.8	25.2
88	15.9	12.9	19.3

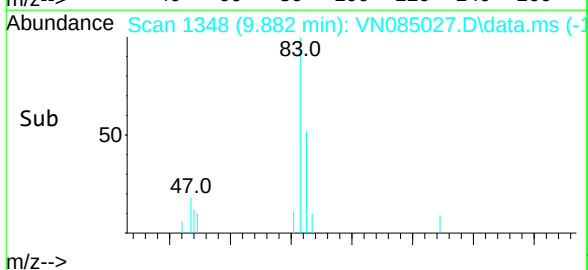
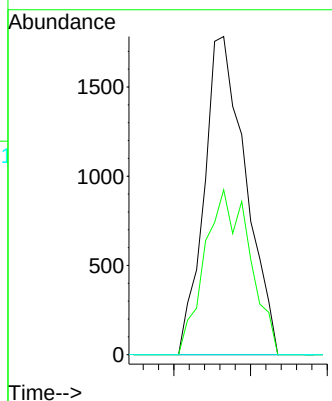
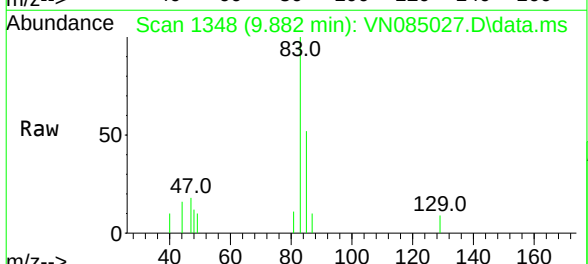
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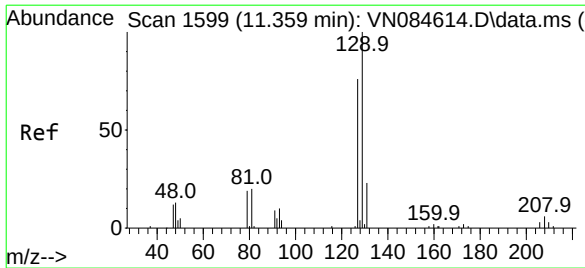
Reviewed By :John Carlone 11/25/2024
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#41
 Bromodichloromethane
 Concen: 1.460 ug/l
 RT: 9.882 min Scan# 1348
 Delta R.T. -0.000 min
 Lab File: VN085027.D
 Acq: 25 Nov 2024 13:38

Tgt Ion:	83	Resp:	3352
Ion	Ratio	Lower	Upper
83	100		
85	51.8	51.0	76.6
127	0.0	7.8	11.6





#53

Dibromochloromethane

Concen: 2.897 ug/l

RT: 11.353 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VN085027.D

Acq: 25 Nov 2024 13:38

Instrument :

MSVOA_N

ClientSampleId :

002-35TH-AVE

Tgt Ion:129 Resp: 4870

Ion Ratio Lower Upper

129 100

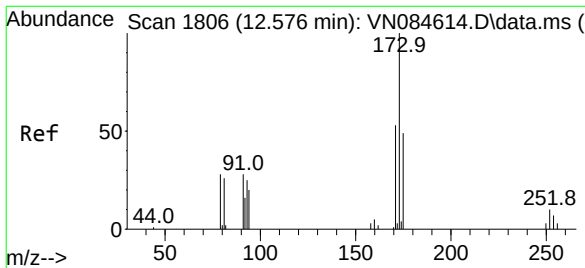
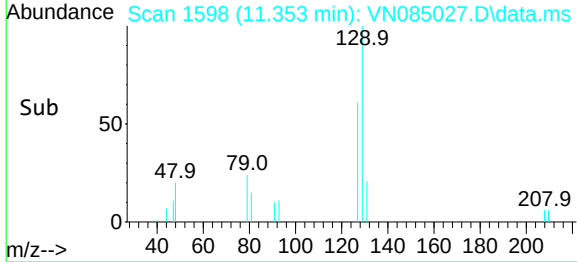
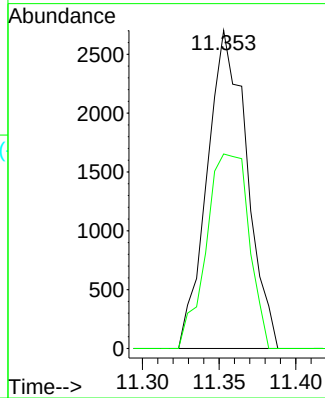
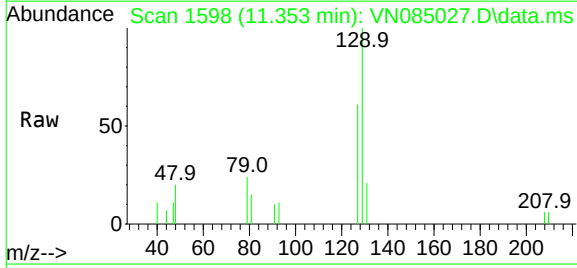
127 65.6 39.6 119.0

Manual Integrations

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Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/26/2024



#56

Bromoform

Concen: 2.864 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085027.D

Acq: 25 Nov 2024 13:38

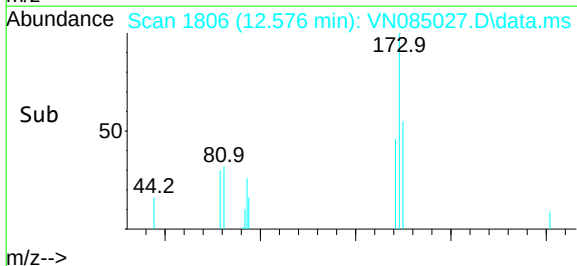
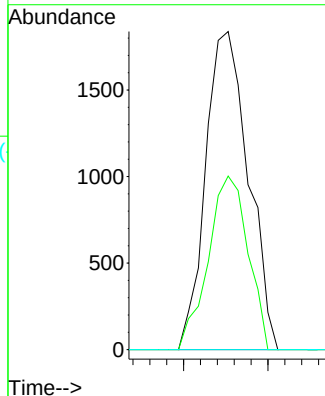
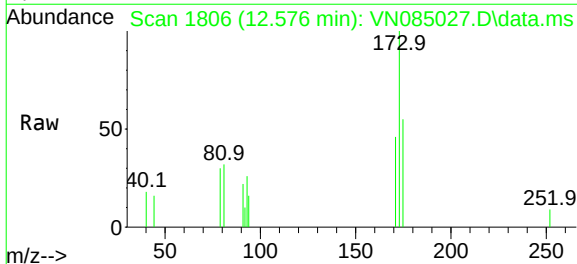
Tgt Ion:173 Resp: 3227

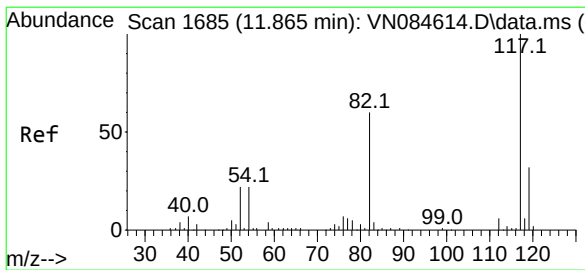
Ion Ratio Lower Upper

173 100

175 50.9 39.4 59.2

254 0.0 6.4 9.6#





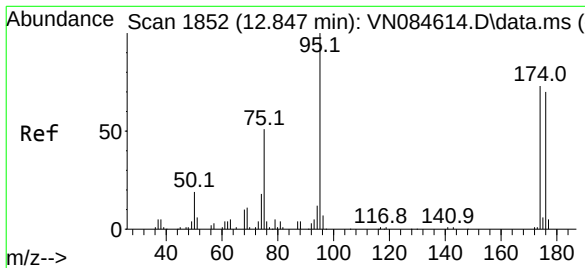
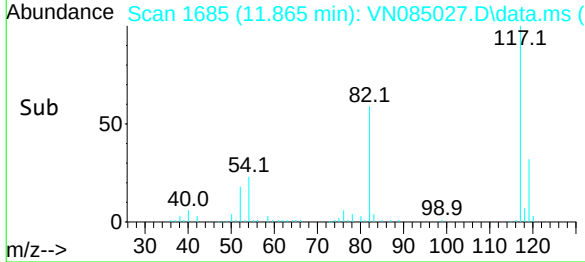
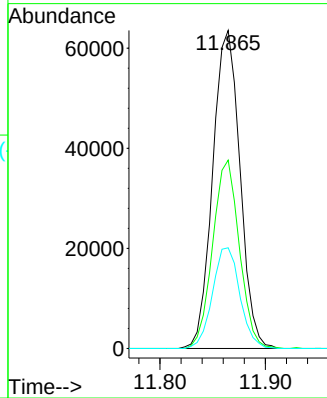
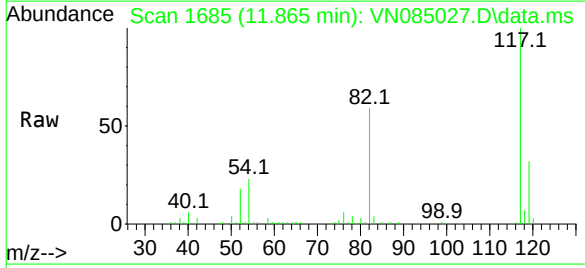
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085027.D
Acq: 25 Nov 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE

Tgt Ion:117 Resp: 114318
Ion Ratio Lower Upper
117 100
82 57.8 45.5 68.3
119 31.8 25.3 37.9

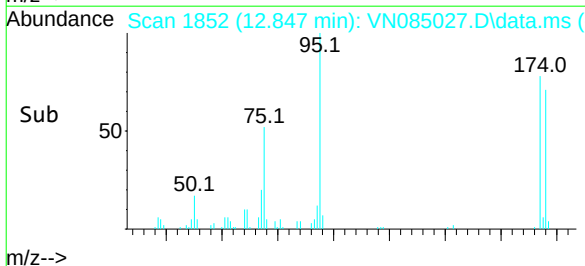
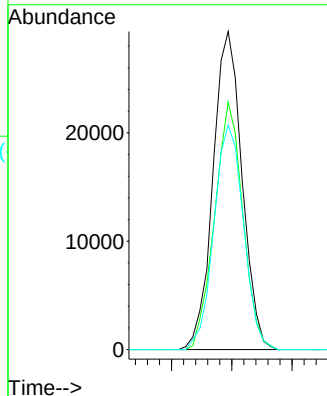
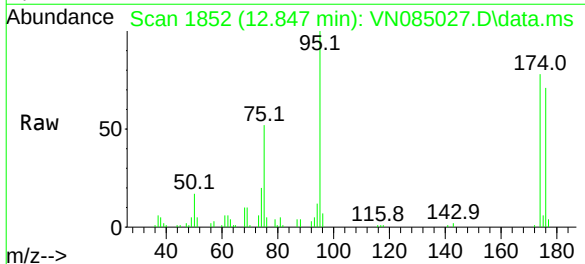
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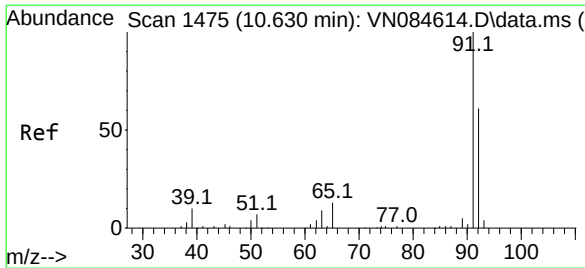
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#60
4-Bromofluorobenzene
Concen: 24.998 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085027.D
Acq: 25 Nov 2024 13:38

Tgt Ion: 95 Resp: 49205
Ion Ratio Lower Upper
95 100
174 75.7 59.6 89.4
176 71.7 58.6 88.0





#62

Toluene

Concen: 32.657 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN085027.D

Acq: 25 Nov 2024 13:38

Instrument :

MSVOA_N

ClientSampleId :

002-35TH-AVE

Tgt Ion: 91 Resp: 212631

Ion Ratio Lower Upper

91 100

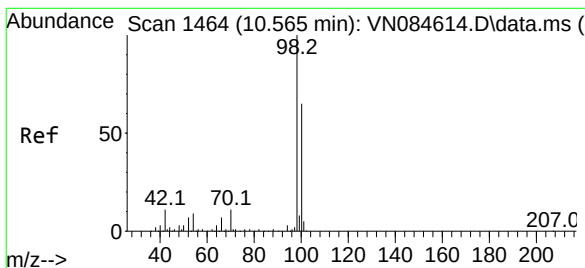
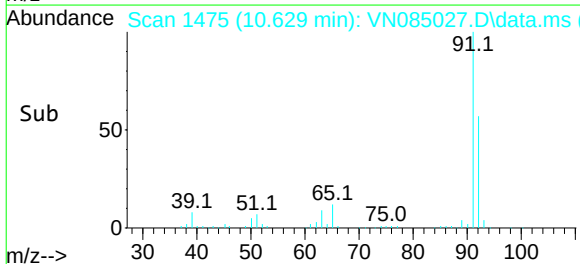
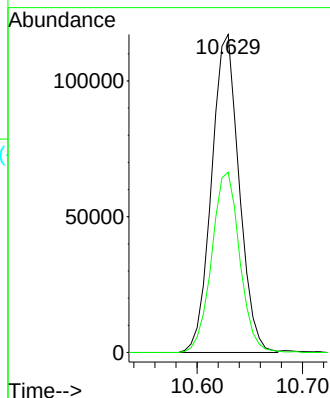
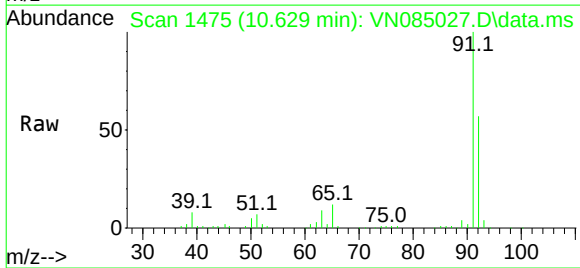
92 57.5 47.5 71.3

Manual Integrations

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#63

Toluene-d8

Concen: 27.657 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085027.D

Acq: 25 Nov 2024 13:38

Tgt Ion: 98 Resp: 149673

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2

