

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112524\
 Data File : VN085024.D
 Acq On : 25 Nov 2024 12:15
 Operator : JC\MD
 Sample : VN1125WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Nov 25 15:13:46 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	28214	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	145410	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	133637	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	66221	29.195	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.300%		
60) 4-Bromofluorobenzene	12.847	95	70146	30.485	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	101.600%		
63) Toluene-d8	10.565	98	185845	29.376	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.933%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.118	85	32442	19.770	ug/l	91
3) Chloromethane	2.359	50	35860	18.151	ug/l	94
4) Vinyl Chloride	2.512	62	33433	18.223	ug/l	96
5) Bromomethane	2.901	94	19151	20.566	ug/l	100
6) Chloroethane	3.077	64	23825	19.779	ug/l	96
7) Trichlorofluoromethane	3.477	101	58003	19.468	ug/l	95
8) Diethyl Ether	3.953	74	21115	19.868	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.359	101	33880	20.121	ug/l	98
10) 1,1-Dichloroethene	4.330	96	30802	18.733	ug/l	93
11) Methyl Iodide	4.577	142	44916	19.875	ug/l	88
12) Methyl Acetate	5.012	43	44802	17.480	ug/l	92
13) Acrolein	4.171	56	27548	87.161	ug/l	99
14) Acrylonitrile	5.706	53	81575	97.291	ug/l	99
15) Acetone	4.424	58	24148	112.088	ug/l	96
16) Carbon Disulfide	4.700	76	85823	17.739	ug/l #	95
17) Allyl chloride	5.012	41	47911	17.100	ug/l	91
18) Methylene Chloride	5.271	84	36699	19.047	ug/l	95
19) trans-1,2-Dichloroethene	5.783	96	32412	18.806	ug/l	96
20) Diisopropyl ether	6.671	45	111406	19.863	ug/l	95
21) 1,1-Dichloroethane	6.559	63	64568	19.143	ug/l	97
22) cis-1,2-Dichloroethene	7.483	96	40759	19.809	ug/l	94
23) tert-Butyl Alcohol	5.530	59	29514	100.828	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	110317	20.747	ug/l	99
25) Chloroform	7.959	83	66883	19.354	ug/l	94
26) Cyclohexane	8.253	56	50459	19.584	ug/l #	98
29) 1,1-Dichloropropene	8.365	75	43912	20.049	ug/l	99
30) 2-Butanone	7.477	43	108582	107.476	ug/l	98
31) 2,2-Dichloropropane	7.483	77	57150	21.376	ug/l	98
32) 1,1,1-Trichloroethane	8.159	97	59560	20.017	ug/l	98
33) Carbon Tetrachloride	8.353	117	51477	20.274	ug/l	98
34) Benzene	8.600	78	143811	19.865	ug/l	98
35) Methacrylonitrile	7.777	41	24567	20.517	ug/l	94
36) 1,2-Dichloroethane	8.665	62	51035	21.199	ug/l	98
37) Trichloroethene	9.347	130	34131	20.899	ug/l	94
38) Methylcyclohexane	9.600	83	45364	19.240	ug/l	97
39) 1,2-Dichloropropane	9.618	63	35302	20.258	ug/l	100
40) Dibromomethane	9.700	93	25747	21.120	ug/l	98
41) Bromodichloromethane	9.882	83	53446	20.450	ug/l	96
42) Vinyl Acetate	6.600	43	395570	104.750	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	42978	20.245	ug/l	99
44) Isopropyl Acetate	8.688	43	77286	17.979	ug/l	95
45) 1,4-Dioxane	9.688	88	12016	418.700	ug/l #	86
46) Methyl methacrylate	9.677	41	33786	19.558	ug/l	96
47) n-amyl Acetate	12.494	43	63091	19.652	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	54461	21.104	ug/l	98
49) cis-1,3-Dichloropropene	10.306	75	58511	21.155	ug/l	98
50) 1,1,2-Trichloroethane	11.012	97	35191	21.520	ug/l	95
51) Ethyl methacrylate	10.871	69	51876	20.580	ug/l	93
52) 1,3-Dichloropropane	11.159	76	59477	20.954	ug/l	99
53) Dibromochloromethane	11.353	129	41028	21.440	ug/l	96
54) 1,2-Dibromoethane	11.465	107	35294	21.340	ug/l	98
55) 2-Chloroethyl vinyl ether	10.153	63	104639	84.673	ug/l	99
56) Bromoform	12.576	173	27080	21.112	ug/l	94
58) 4-Methyl-2-Pentanone	10.441	43	220961	104.806	ug/l	99
59) 2-Hexanone	11.194	43	162425	105.210	ug/l	99
61) Tetrachloroethene	11.100	164	28330	20.256	ug/l	93
62) Toluene	10.624	91	149042	19.581	ug/l	99
64) Chlorobenzene	11.888	112	93374	20.321	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	34035	20.154	ug/l	97
66) Ethyl Benzene	11.959	91	155574	19.449	ug/l	99
67) m/p-Xylenes	12.071	106	121114	39.547	ug/l	98
68) o-Xylene	12.394	106	59915	20.282	ug/l	97
69) Styrene	12.406	104	101294	20.450	ug/l	98
70) Isopropylbenzene	12.694	105	145559	19.834	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	49830	20.949	ug/l	98
72) 1,2,3-Trichloropropane	12.988	75	39994m	19.691	ug/l	
73) Bromobenzene	12.976	156	38929	20.567	ug/l	96
74) n-propylbenzene	13.035	91	174009	20.277	ug/l	99
75) 2-Chlorotoluene	13.123	91	113471	20.305	ug/l	96
76) 1,3,5-Trimethylbenzene	13.171	105	134209	21.404	ug/l	96
77) t-1,4-Dichloro-2-butene	12.735	75	17999	21.607	ug/l	87
78) 4-Chlorotoluene	13.218	91	116153	20.572	ug/l	100
79) tert-butylbenzene	13.435	119	107715	20.773	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	134374	21.243	ug/l	98
81) sec-Butylbenzene	13.612	105	147158	20.596	ug/l	99
82) p-Isopropyltoluene	13.729	119	124998	20.820	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	70477	20.133	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	69705	20.152	ug/l	99
85) n-Butylbenzene	14.053	91	100967	20.024	ug/l	98
86) Hexachloroethane	14.329	117	24489	19.945	ug/l	100
87) 1,2-Dichlorobenzene	14.106	146	69674	20.199	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	9446	20.581	ug/l	94
89) 1,2,4-Trichlorobenzene	15.835	180	35029	20.856	ug/l	94
90) Hexachlorobutadiene	15.500	225	16083	21.922	ug/l	97
91) Naphthalene	15.635	128	104060	19.401	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	35029	20.856	ug/l	94

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

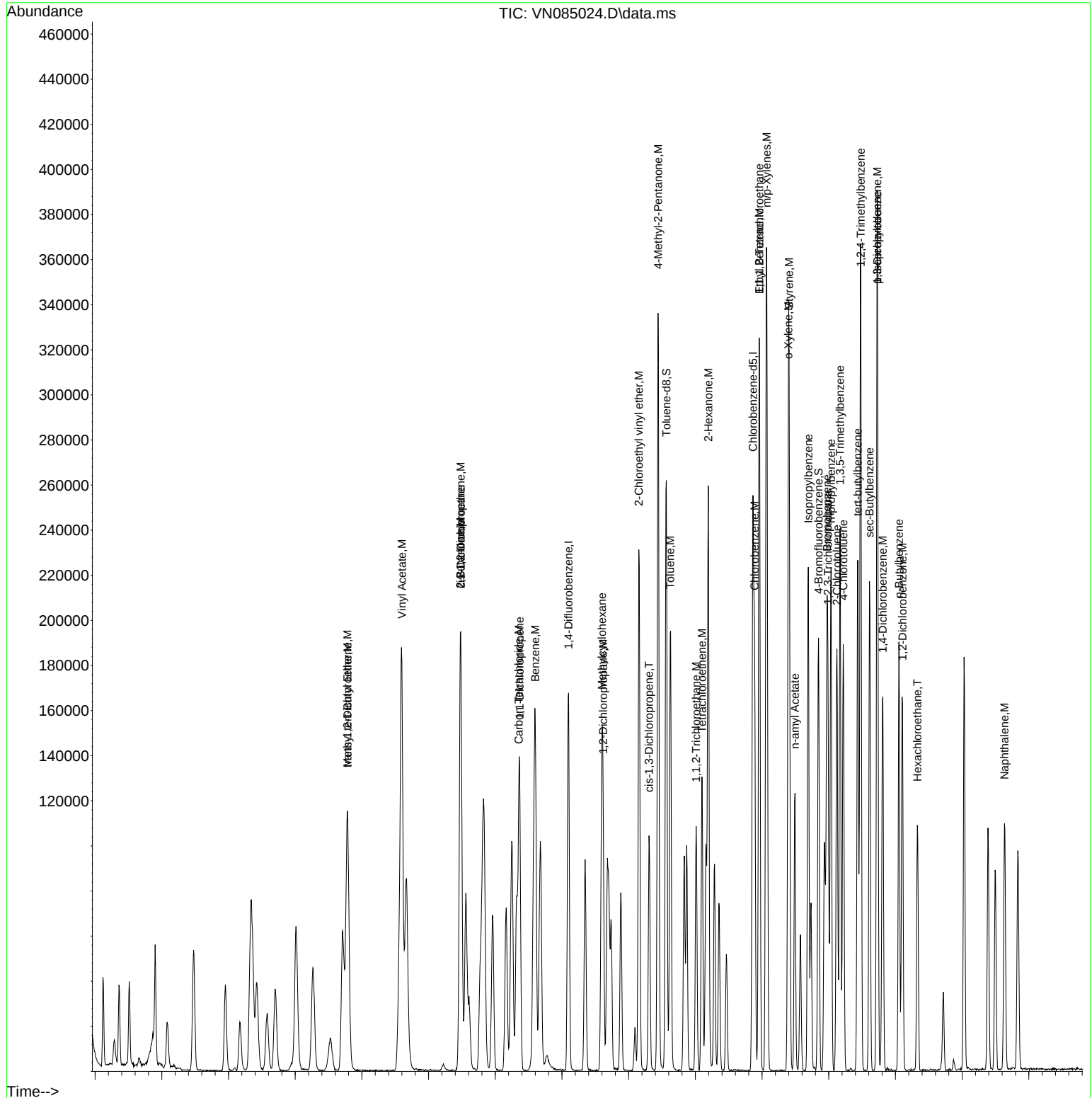
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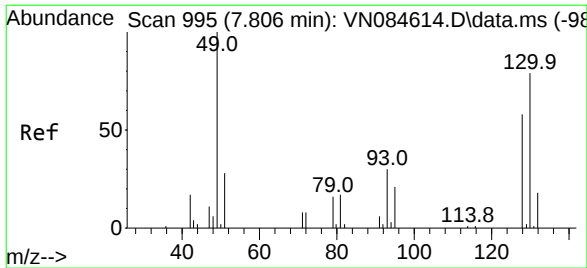
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

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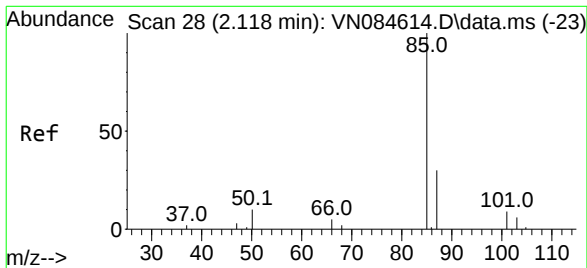
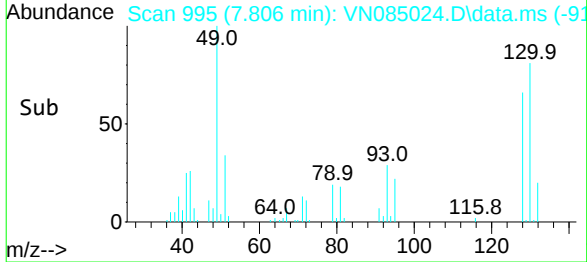
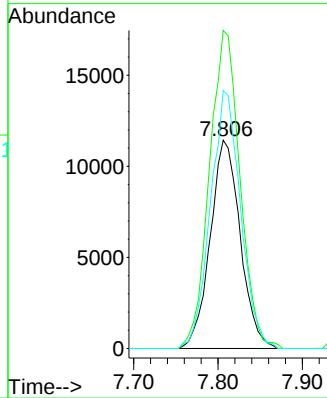
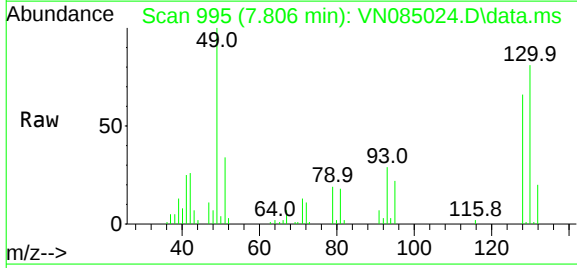
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 995
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tgt Ion:128 Resp: 28214
Ion Ratio Lower Upper
128 100
49 155.2 0.0 427.0
130 124.7 0.0 322.2

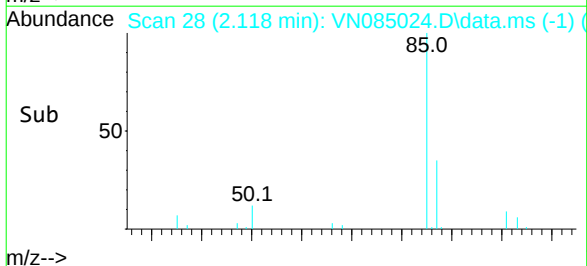
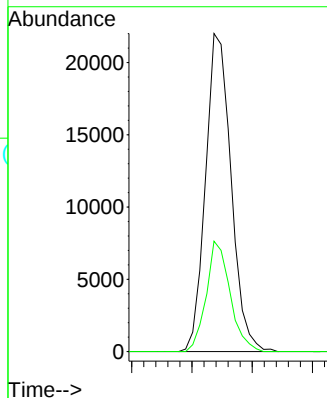
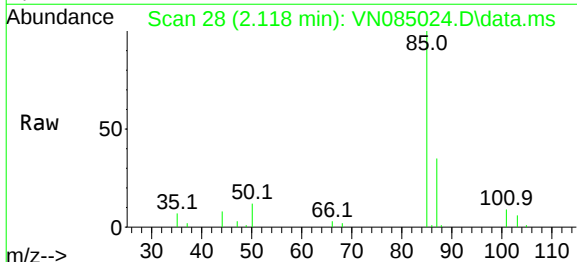
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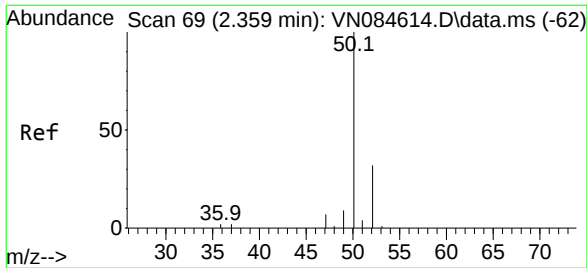
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#2
Dichlorodifluoromethane
Concen: 19.770 ug/l
RT: 2.118 min Scan# 28
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

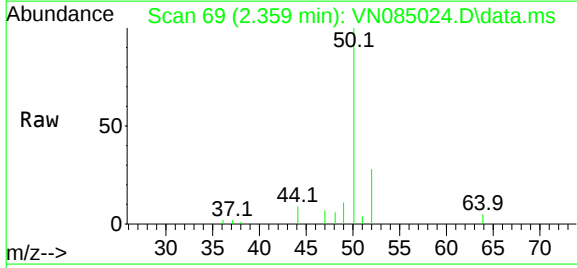
Tgt Ion: 85 Resp: 32442
Ion Ratio Lower Upper
85 100
87 34.7 14.9 44.9





#3
Chloromethane
Concen: 18.151 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

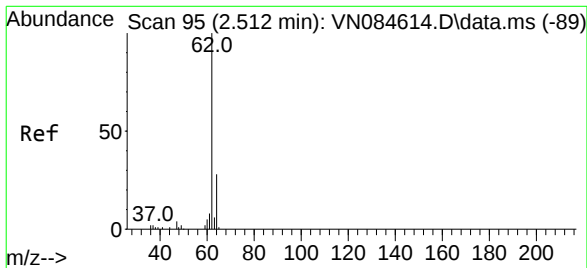
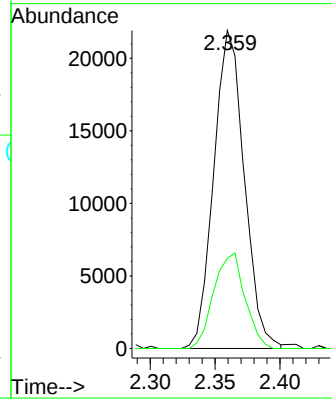
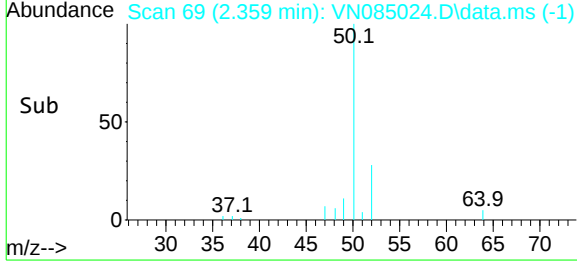
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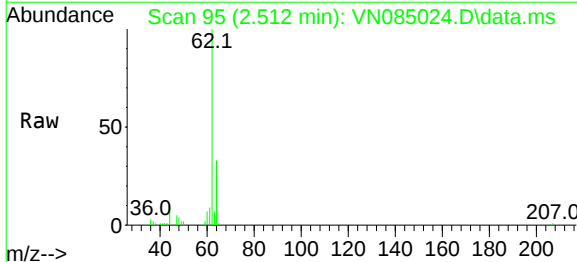
Tgt Ion: 50 Resp: 35860
Ion Ratio Lower Upper
50 100
52 28.3 25.5 38.3

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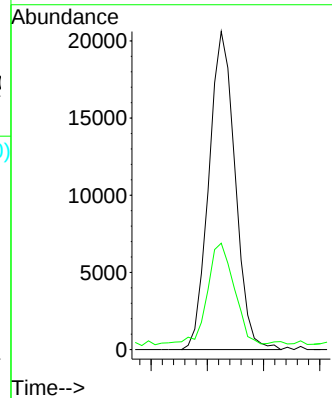
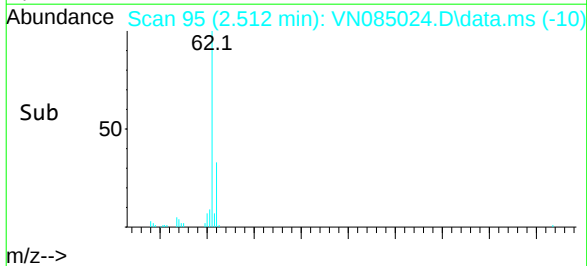
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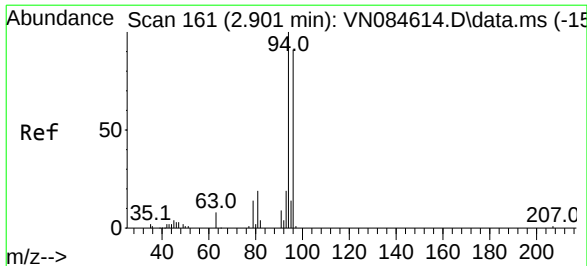


#4
Vinyl Chloride
Concen: 18.223 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15



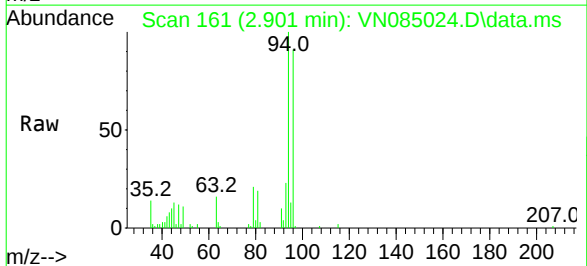
Tgt Ion: 62 Resp: 33433
Ion Ratio Lower Upper
62 100
64 31.0 23.1 34.7





#5
Bromomethane
Concen: 20.566 ug/l
RT: 2.901 min Scan# 161
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

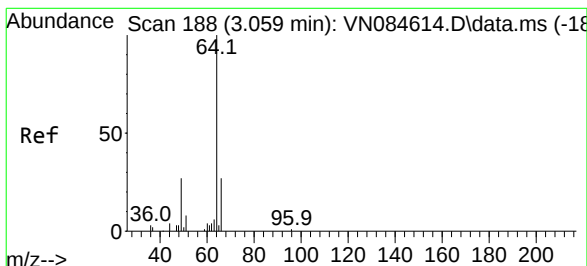
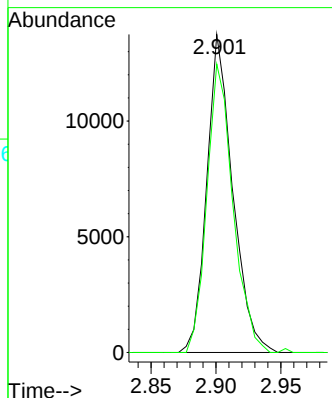
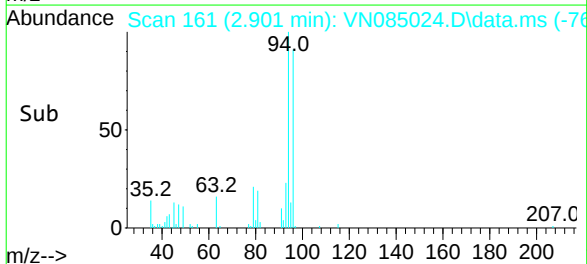
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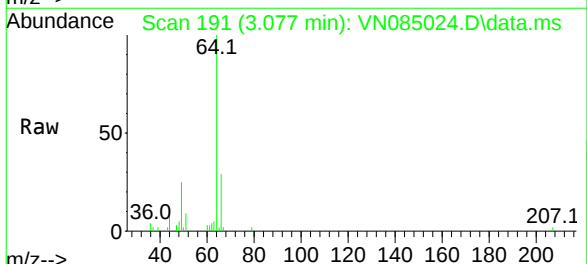
Tgt Ion: 94 Resp: 19151
Ion Ratio Lower Upper
94 100
96 90.7 72.7 109.1

Manual Integrations
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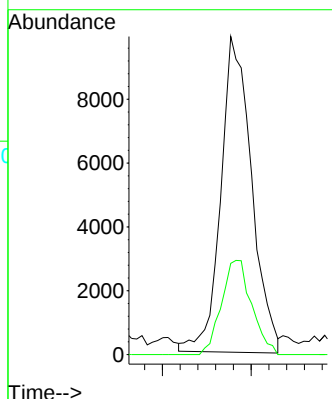
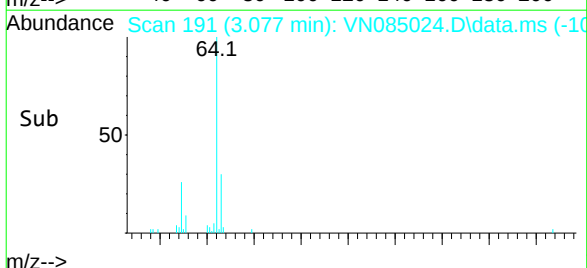
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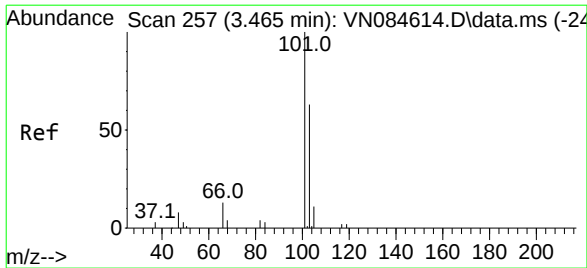


#6
Chloroethane
Concen: 19.779 ug/l
RT: 3.077 min Scan# 191
Delta R.T. 0.018 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15



Tgt Ion: 64 Resp: 23825
Ion Ratio Lower Upper
64 100
66 29.7 22.1 33.1





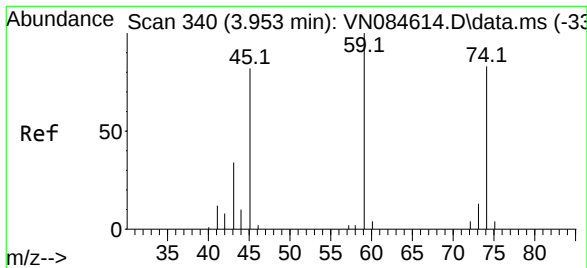
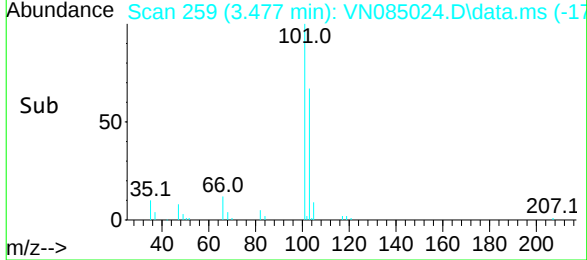
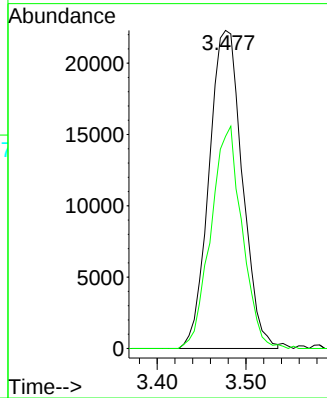
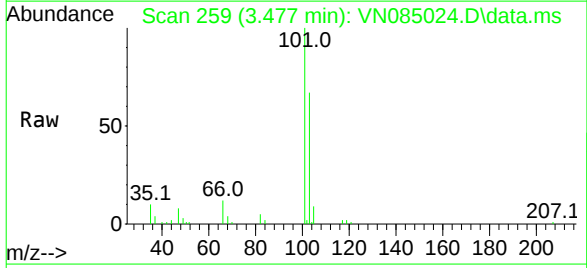
#7
 Trichlorofluoromethane
 Concen: 19.468 ug/l
 RT: 3.477 min Scan# 257
 Delta R.T. 0.012 min
 Lab File: VN085024.D
 Acq: 25 Nov 2024 12:15

Instrument :
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 ClientSampleId :
 VN1125WBSD01

Tgt Ion:101 Resp: 58003
 Ion Ratio Lower Upper
 101 100
 103 66.7 50.1 75.1

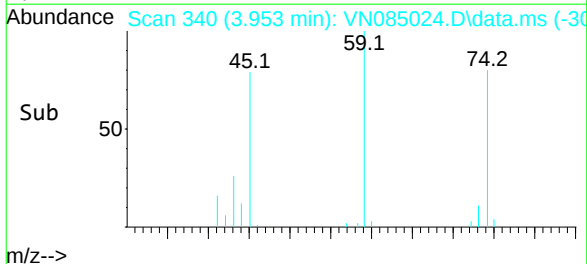
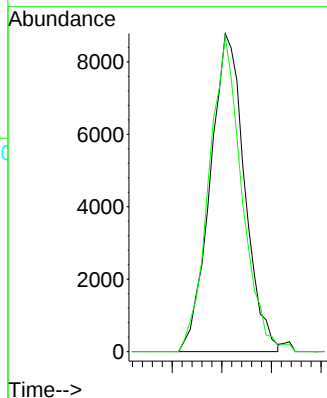
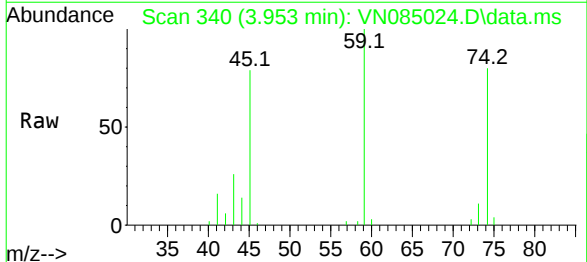
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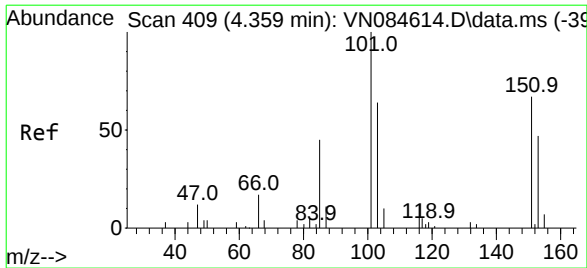
Reviewed By :John Carlone 11/25/2024
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#8
 Diethyl Ether
 Concen: 19.868 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VN085024.D
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Tgt Ion: 74 Resp: 21115
 Ion Ratio Lower Upper
 74 100
 45 94.6 19.8 178.4





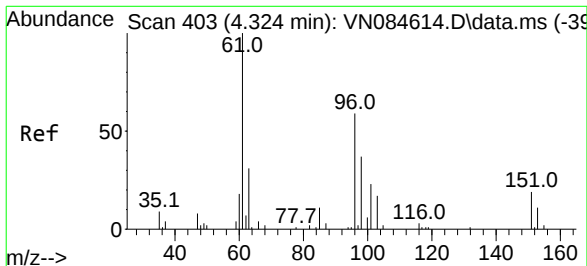
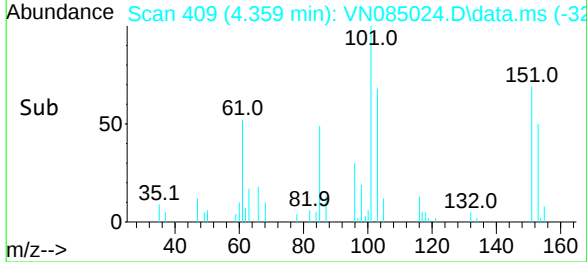
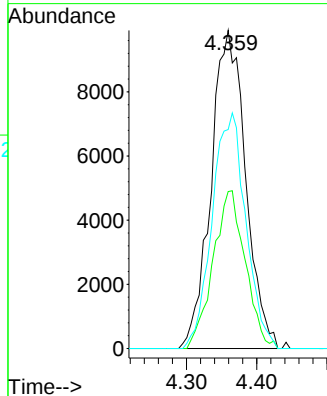
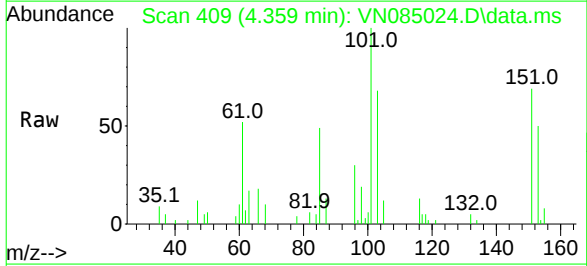
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1,1,2-Trichlorotrifluoroethane
Concen: 20.121 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tgt Ion: 101 Resp: 33880
Ion Ratio Lower Upper
101 100
85 45.9 0.0 89.6
151 72.2 0.0 149.4

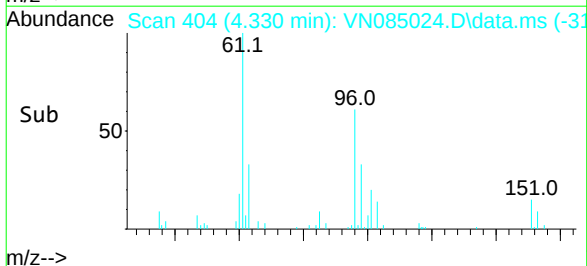
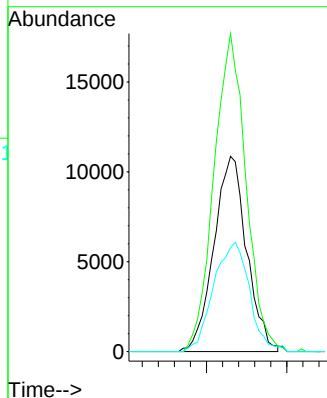
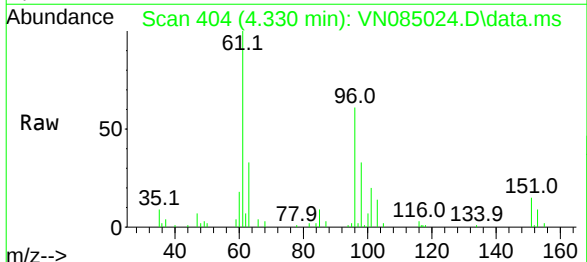
Manual Integrations
APPROVED

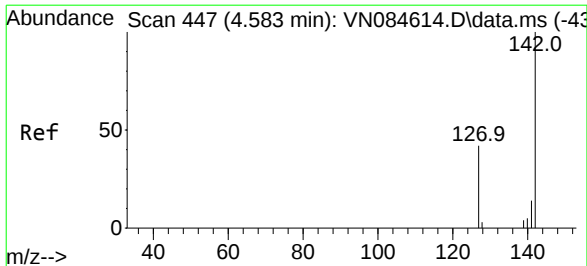
Reviewed By : John Carlone 11/25/2024
Supervised By : Mahesh Dadoda 11/26/2024



#10
1,1-Dichloroethene
Concen: 18.733 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.006 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

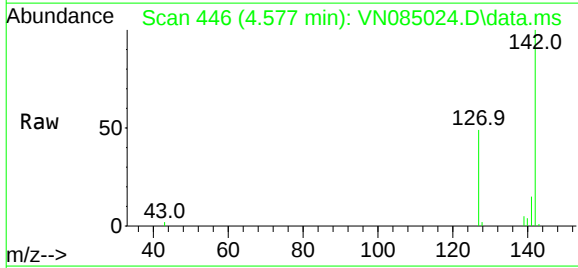
Tgt Ion: 96 Resp: 30802
Ion Ratio Lower Upper
96 100
61 162.9 135.1 202.7
98 53.2 50.4 75.6





#11
Methyl Iodide
Concen: 19.875 ug/l
RT: 4.577 min Scan# 44
Delta R.T. -0.006 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

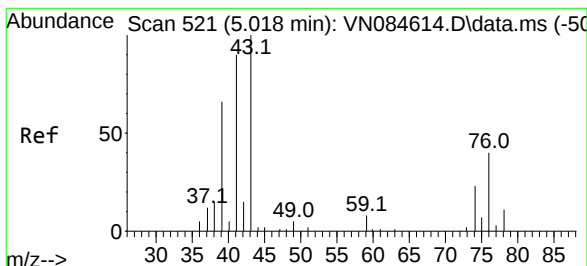
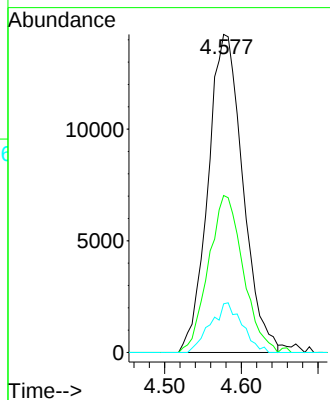
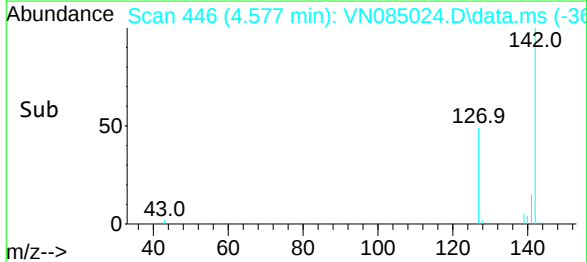
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01



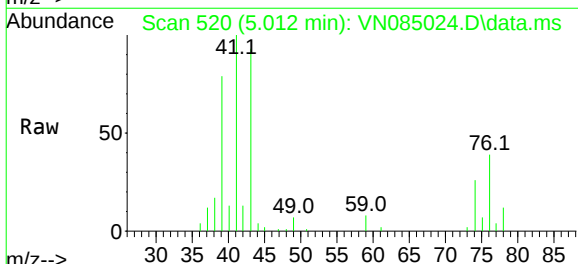
Tgt Ion: 142 Resp: 44916
Ion Ratio Lower Upper
142 100
127 49.9 20.3 60.9
141 15.5 6.9 20.7

Manual Integrations
APPROVED

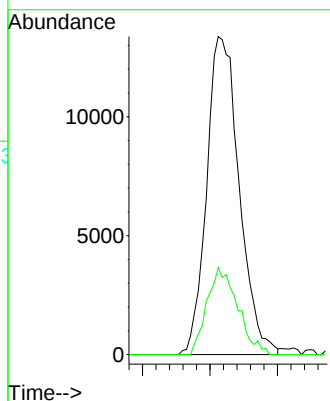
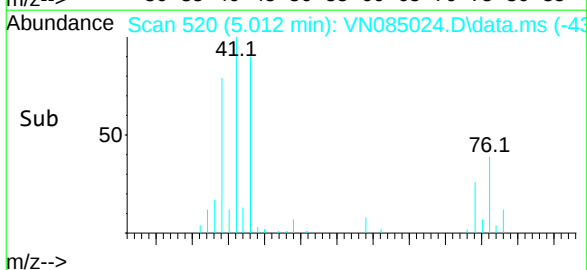
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024

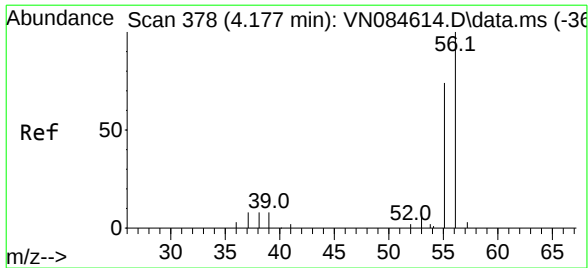


#12
Methyl Acetate
Concen: 17.480 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15



Tgt Ion: 43 Resp: 44802
Ion Ratio Lower Upper
43 100
74 27.7 19.0 28.4





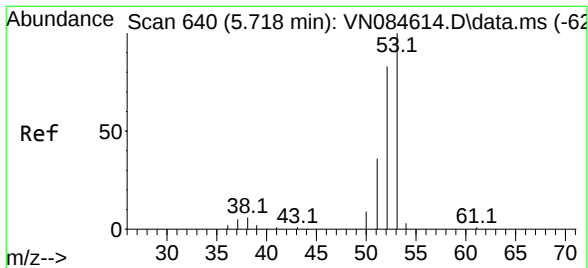
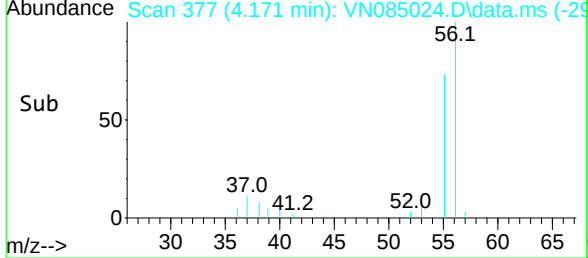
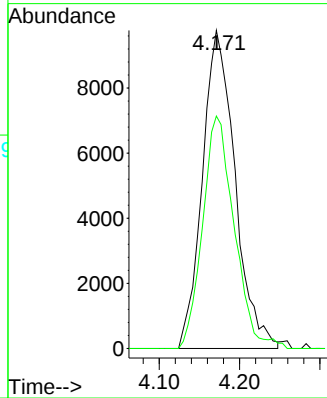
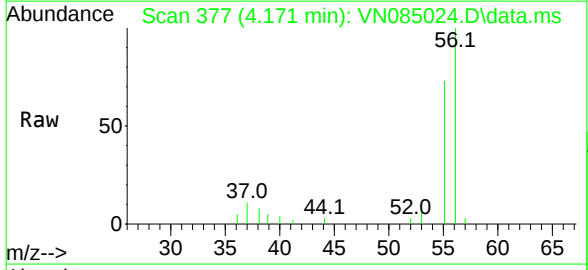
#13
 Acrolein
 Concen: 87.161 ug/l
 RT: 4.171 min Scan# 371
 Delta R.T. -0.006 min
 Lab File: VN085024.D
 Acq: 25 Nov 2024 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

Tgt Ion: 56 Resp: 27548
 Ion Ratio Lower Upper
 56 100
 55 70.0 56.7 85.1

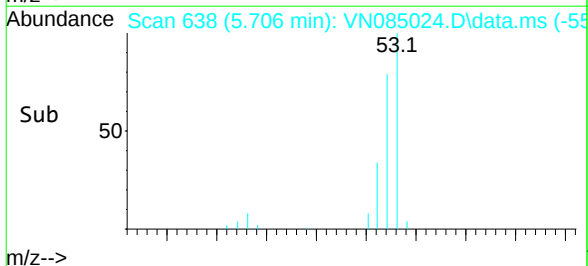
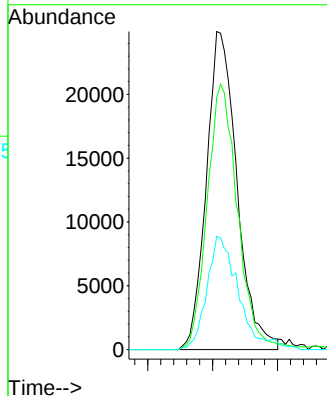
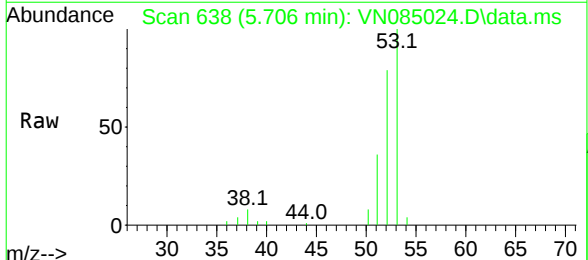
Manual Integrations
 APPROVED

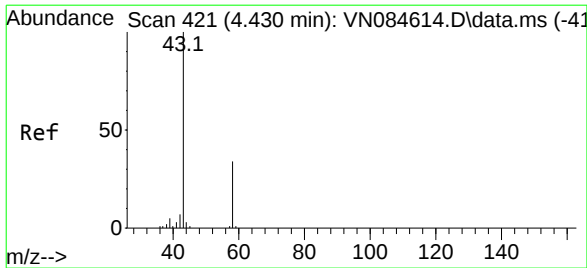
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/26/2024



#14
 Acrylonitrile
 Concen: 97.291 ug/l
 RT: 5.706 min Scan# 638
 Delta R.T. -0.012 min
 Lab File: VN085024.D
 Acq: 25 Nov 2024 12:15

Tgt Ion: 53 Resp: 81575
 Ion Ratio Lower Upper
 53 100
 52 82.9 41.6 124.9
 51 34.9 18.2 54.6





#15

Acetone

Concen: 112.088 ug/l

RT: 4.424 min Scan# 421

Delta R.T. -0.006 min

Lab File: VN085024.D

Acq: 25 Nov 2024 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

Tgt Ion: 58 Resp: 24148

Ion Ratio Lower Upper

58 100

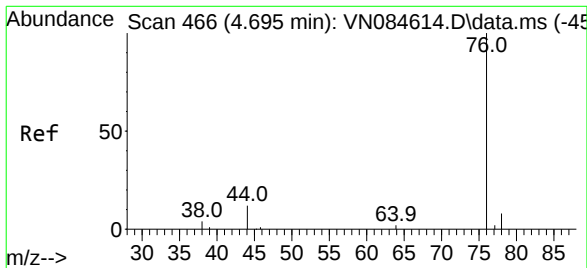
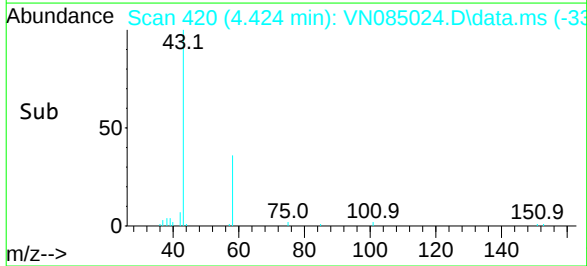
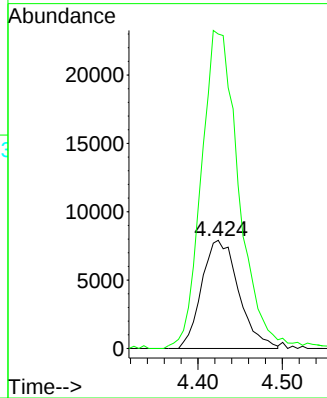
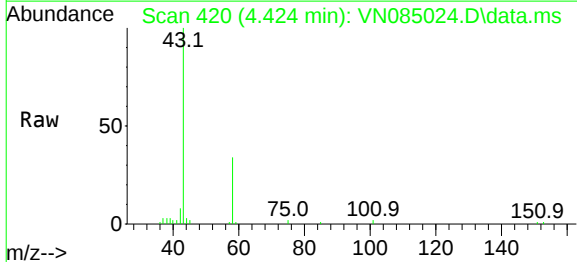
43 282.7 233.0 349.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/26/2024



#16

Carbon Disulfide

Concen: 17.739 ug/l

RT: 4.700 min Scan# 467

Delta R.T. 0.006 min

Lab File: VN085024.D

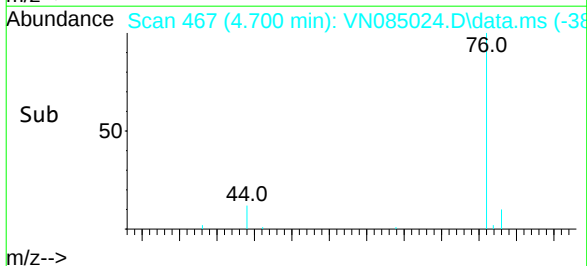
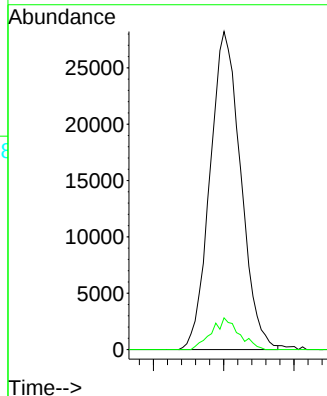
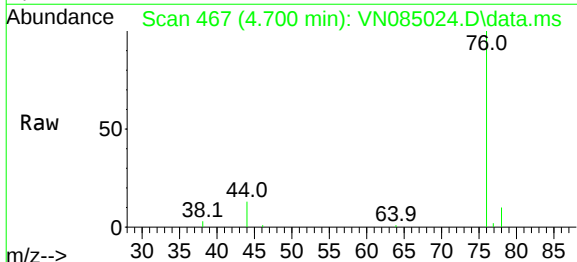
Acq: 25 Nov 2024 12:15

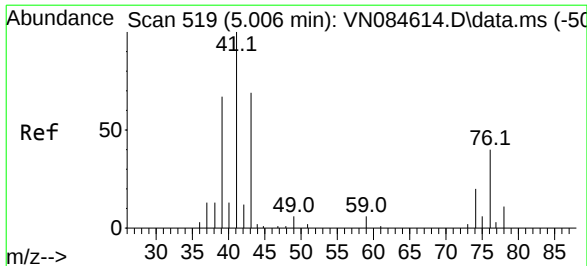
Tgt Ion: 76 Resp: 85823

Ion Ratio Lower Upper

76 100

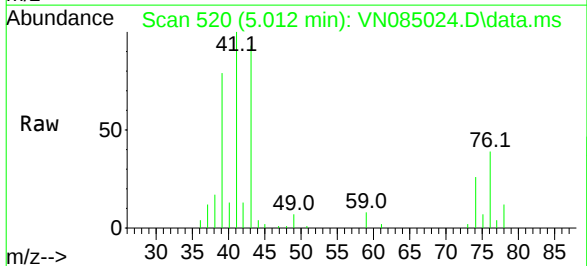
78 10.0 6.6 9.8#





#17
Allyl chloride
Concen: 17.100 ug/l
RT: 5.012 min Scan# 52
Delta R.T. 0.006 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

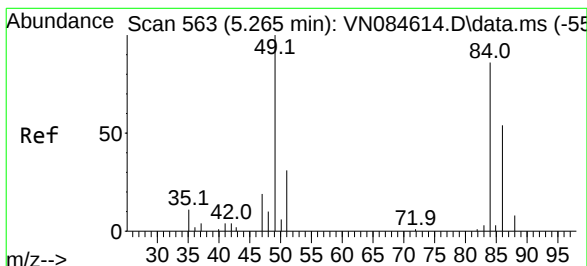
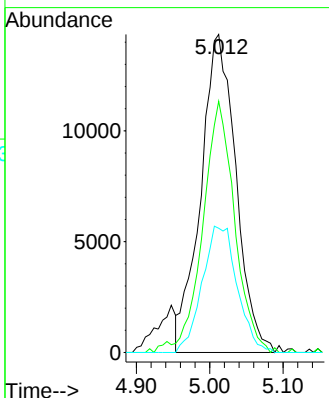
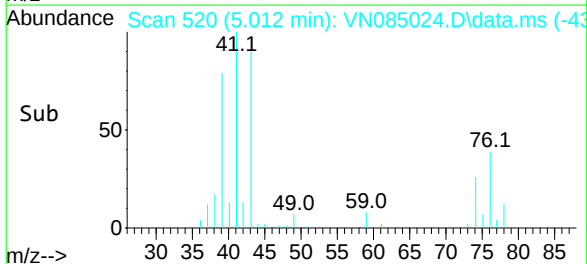
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01



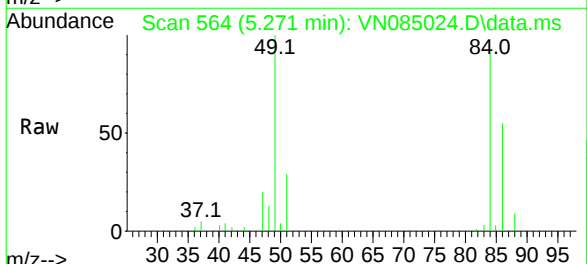
Tgt Ion:	41	Resp:	47911
Ion	Ratio	Lower	Upper
41	100		
39	77.5	33.4	100.2
76	39.1	20.2	60.6

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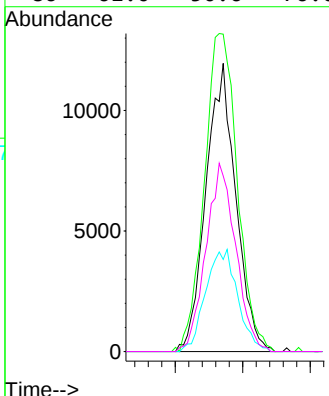
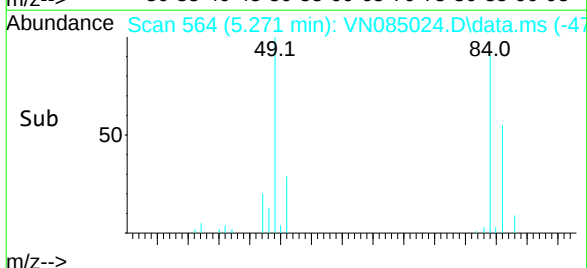
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024

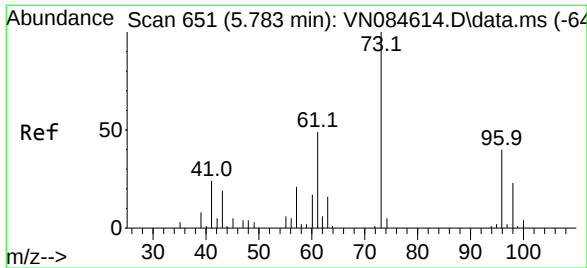


#18
Methylene Chloride
Concen: 19.047 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15



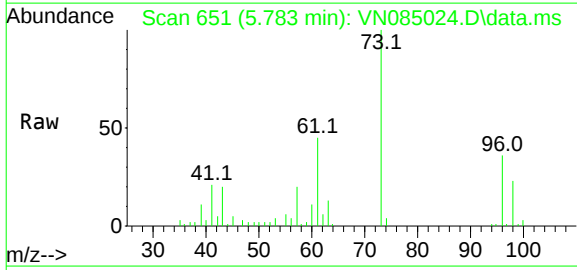
Tgt Ion:	84	Resp:	36699
Ion	Ratio	Lower	Upper
84	100		
49	110.1	93.0	139.6
51	32.0	28.9	43.3
86	61.0	50.6	76.0





#19
trans-1,2-Dichloroethene
Concen: 18.806 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

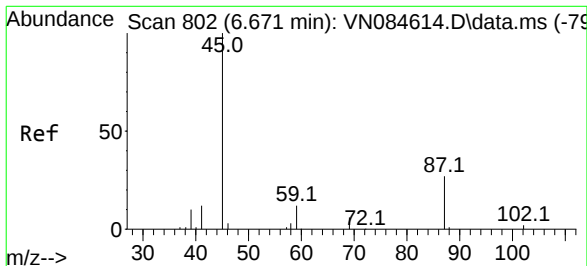
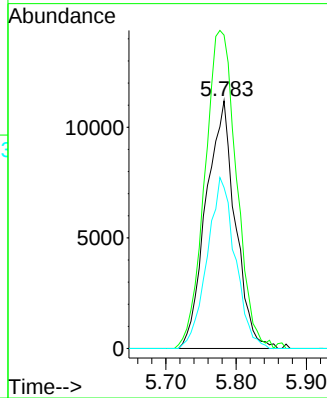
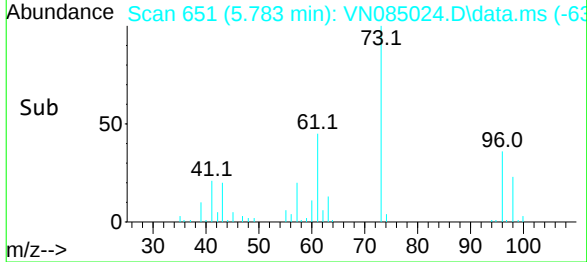
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01



Tgt Ion: 96 Resp: 32412
Ion Ratio Lower Upper
96 100
61 125.0 98.1 147.1
98 65.0 46.6 69.8

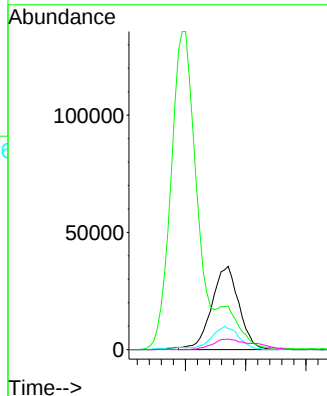
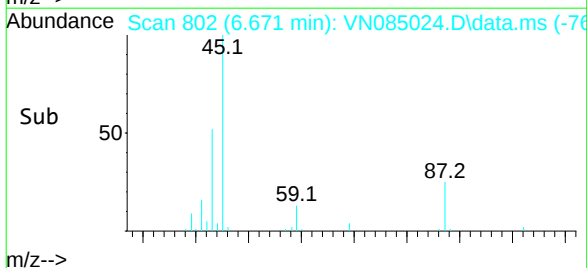
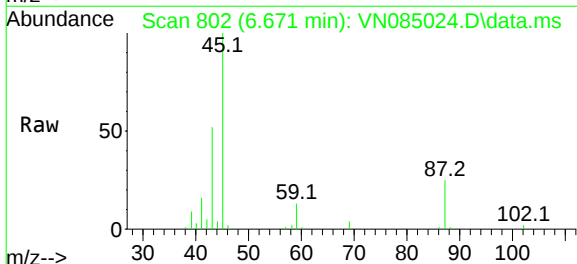
Manual Integrations
APPROVED

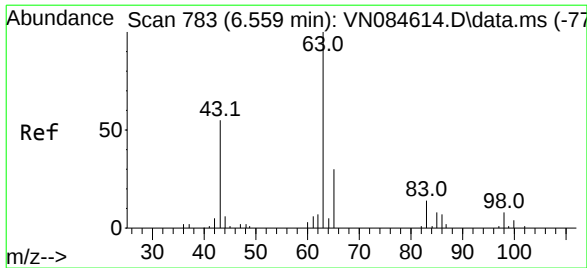
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#20
Diisopropyl ether
Concen: 19.863 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Tgt Ion: 45 Resp: 111406
Ion Ratio Lower Upper
45 100
43 50.5 42.6 64.0
87 25.1 23.0 34.4
59 12.7 9.4 14.0





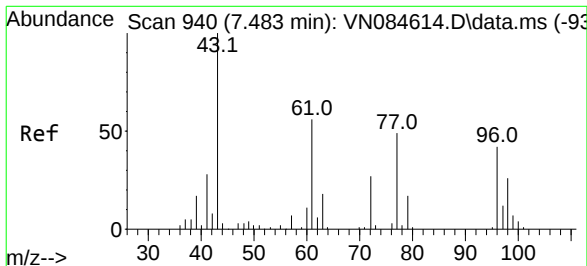
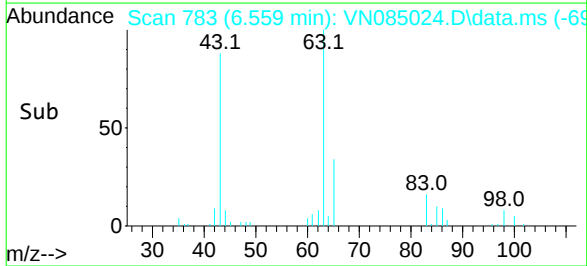
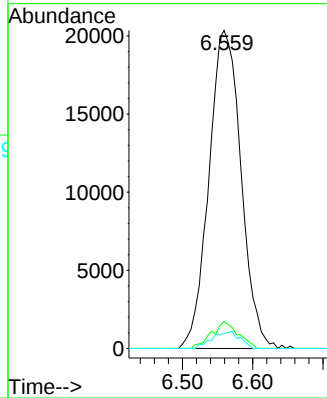
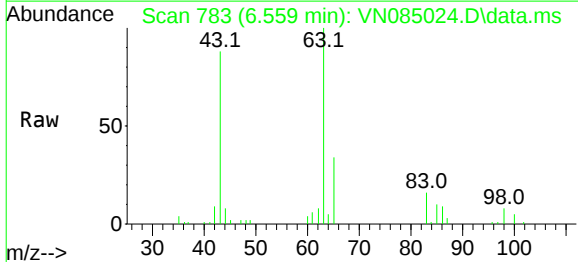
#21
1,1-Dichloroethane
Concen: 19.143 ug/l
RT: 6.559 min Scan# 783
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tgt Ion:	63	Resp:	64568
Ion	Ratio	Lower	Upper
63	100		
98	8.5	3.8	11.4
100	4.8	1.9	5.7

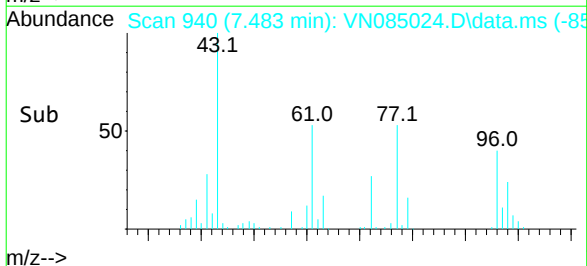
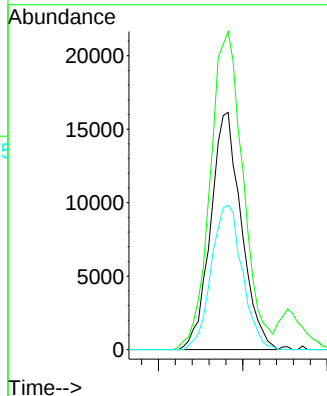
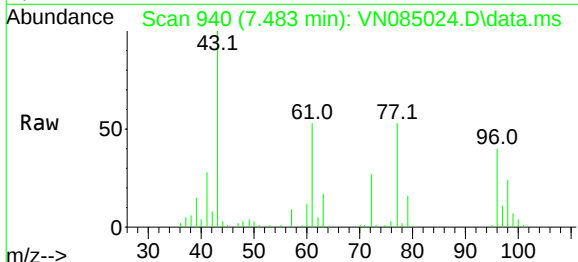
Manual Integrations
APPROVED

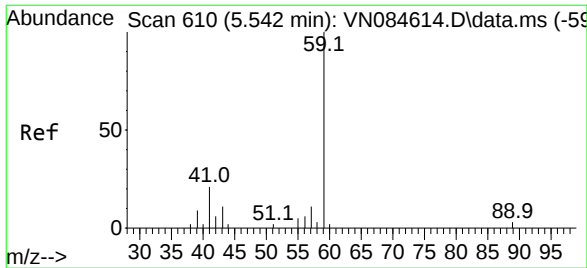
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#22
cis-1,2-Dichloroethene
Concen: 19.809 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Tgt Ion:	96	Resp:	40759
Ion	Ratio	Lower	Upper
96	100		
61	143.8	121.8	182.8
98	61.7	53.2	79.8





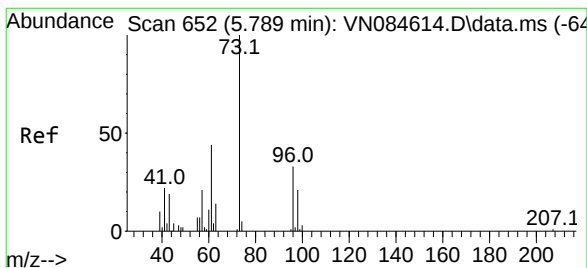
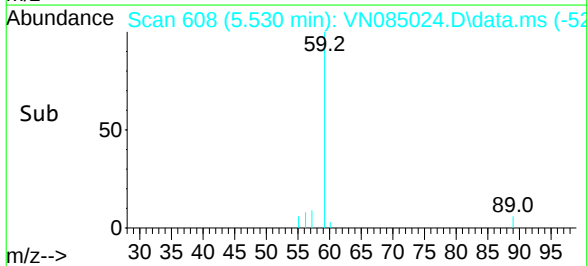
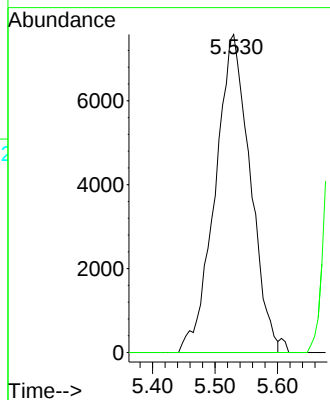
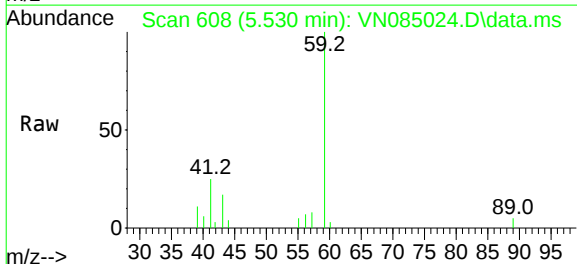
#23
tert-Butyl Alcohol
Concen: 100.828 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tgt Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

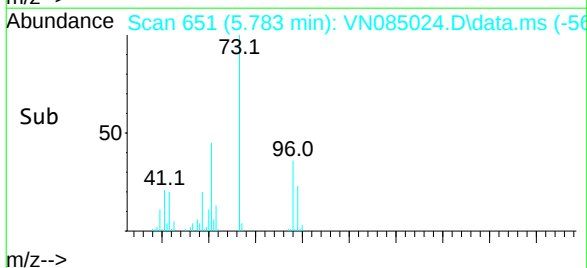
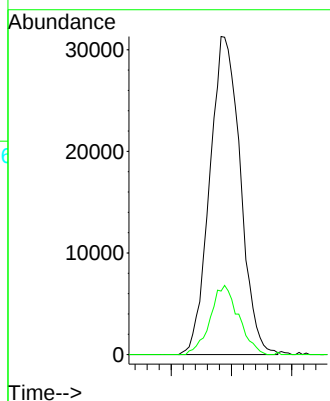
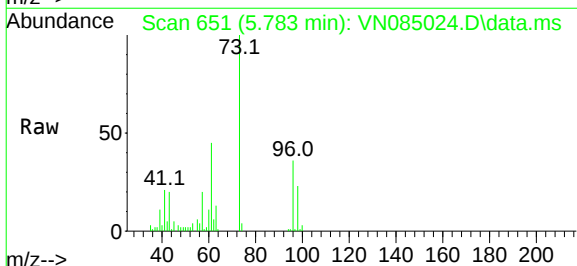
Manual Integrations
APPROVED

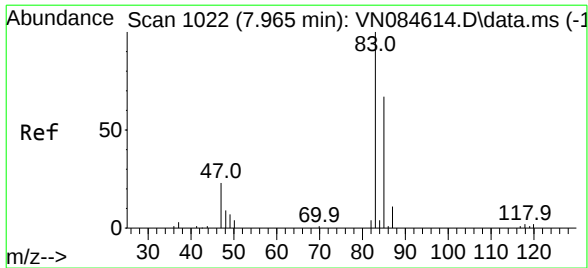
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#24
Methyl tert-Butyl Ether
Concen: 20.747 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.2	16.5	24.7





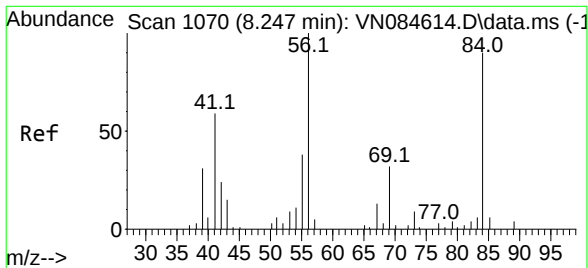
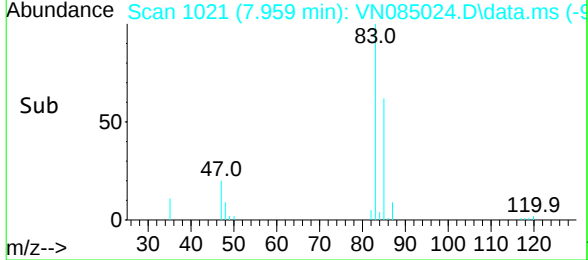
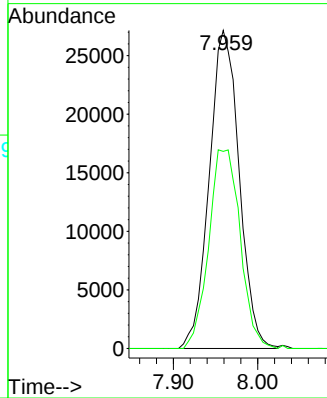
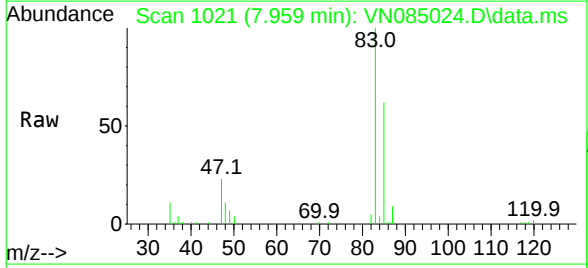
#25
Chloroform
Concen: 19.354 ug/l
RT: 7.959 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tgt Ion: 83 Resp: 66883
Ion Ratio Lower Upper
83 100
85 62.0 53.4 80.2

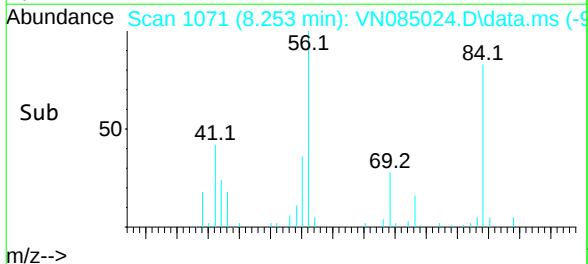
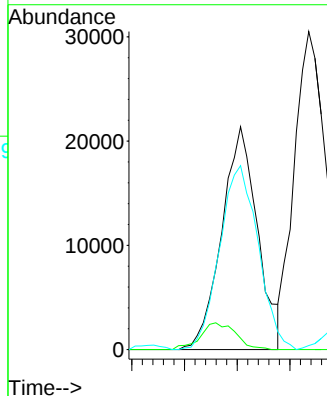
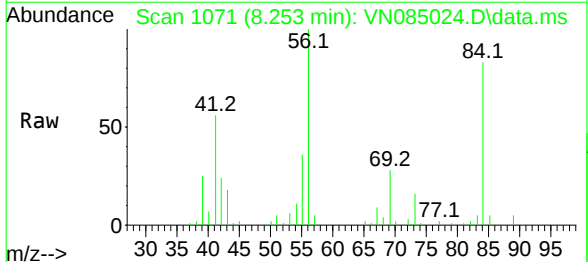
Manual Integrations
APPROVED

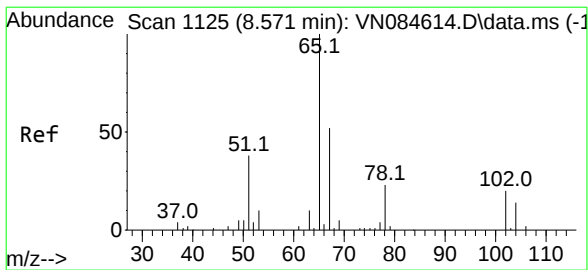
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#26
Cyclohexane
Concen: 19.584 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Tgt Ion: 56 Resp: 50459
Ion Ratio Lower Upper
56 100
89 11.9 3.0 4.4#
84 88.8 70.6 106.0





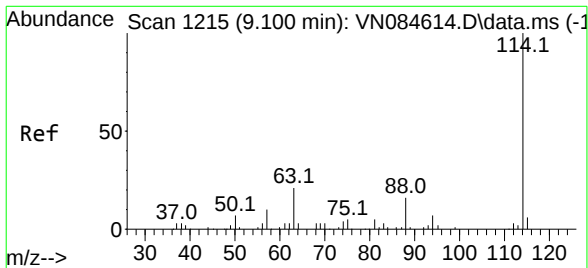
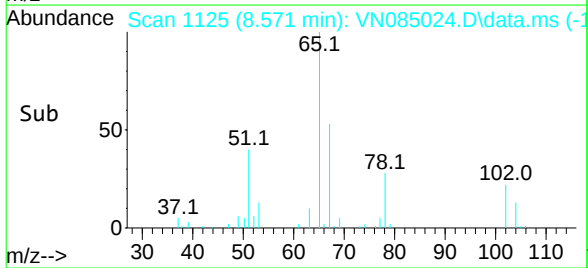
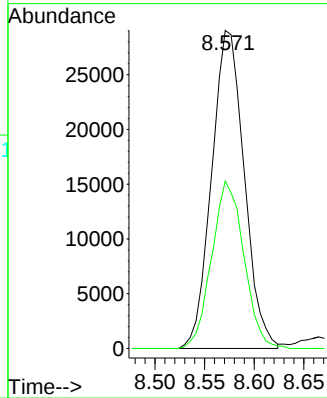
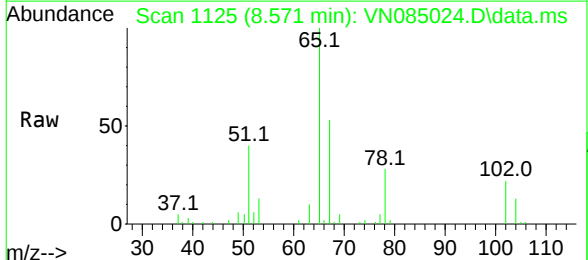
#27
1,2-Dichloroethane-d4
Concen: 29.195 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tgt Ion: 65 Resp: 66221
Ion Ratio Lower Upper
65 100
67 52.0 40.7 61.1

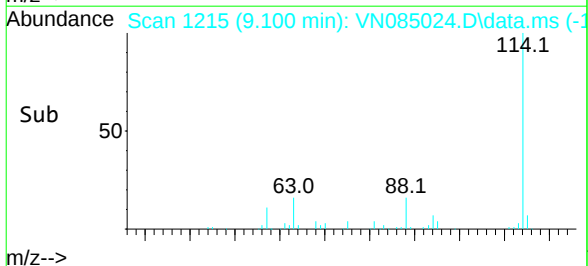
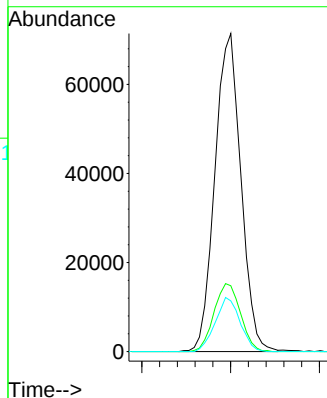
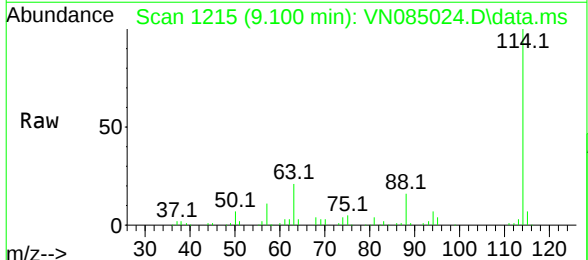
Manual Integrations
APPROVED

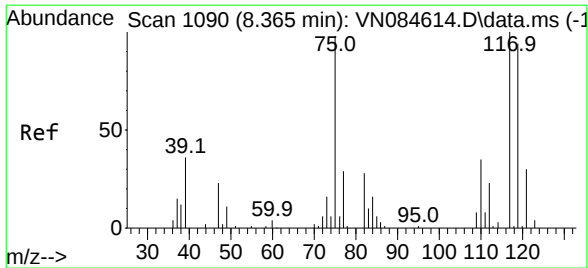
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

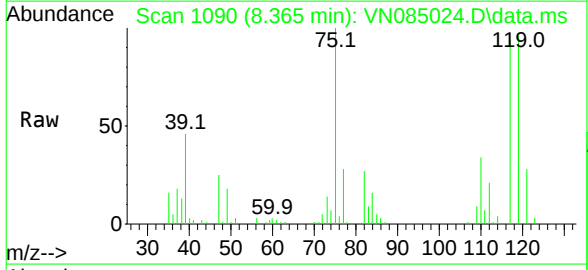
Tgt Ion:114 Resp: 145410
Ion Ratio Lower Upper
114 100
63 21.8 16.8 25.2
88 16.2 12.9 19.3





#29
1,1-Dichloropropene
Concen: 20.049 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

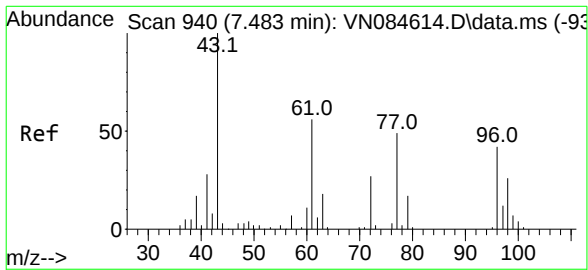
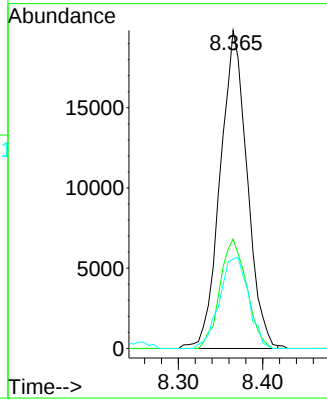
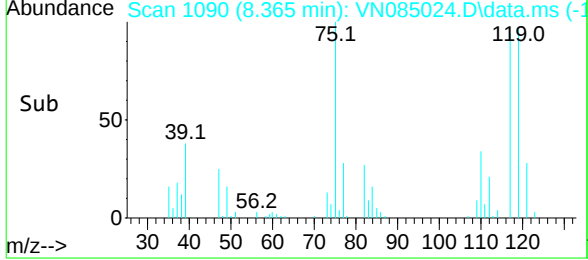
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01



Tgt Ion: 75 Resp: 43912
Ion Ratio Lower Upper
75 100
110 34.1 0.0 69.4
77 30.9 0.0 62.0

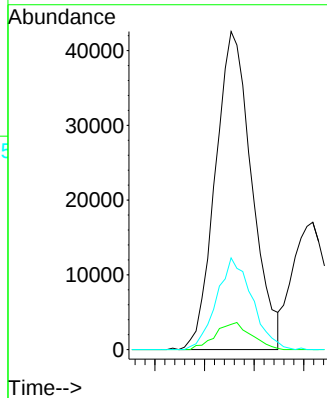
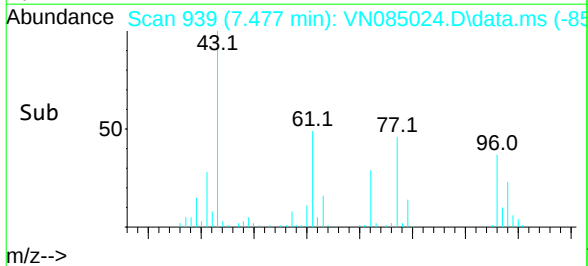
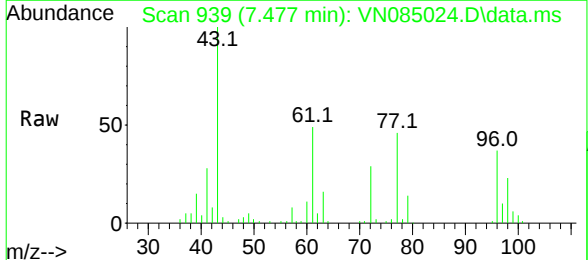
Manual Integrations
APPROVED

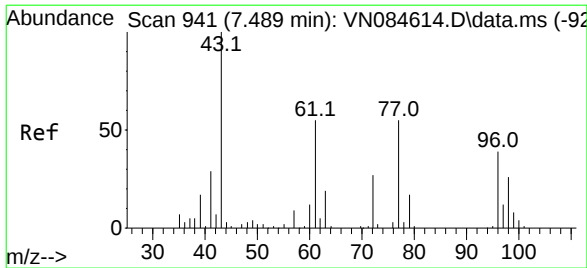
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#30
2-Butanone
Concen: 107.476 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Tgt Ion: 43 Resp: 108582
Ion Ratio Lower Upper
43 100
57 8.4 6.2 9.4
72 28.2 21.5 32.3





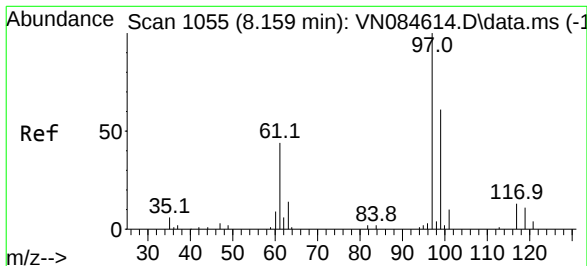
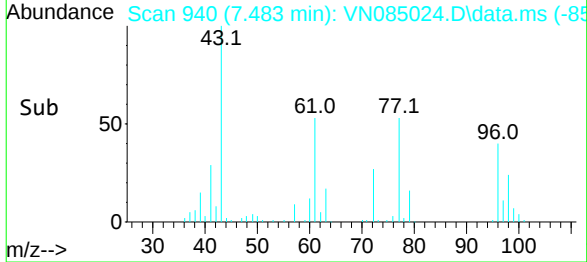
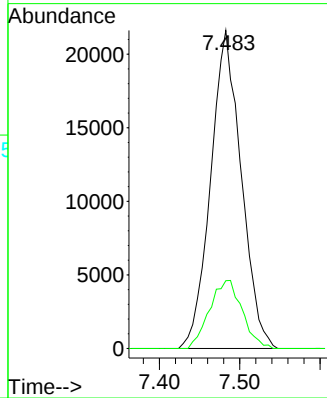
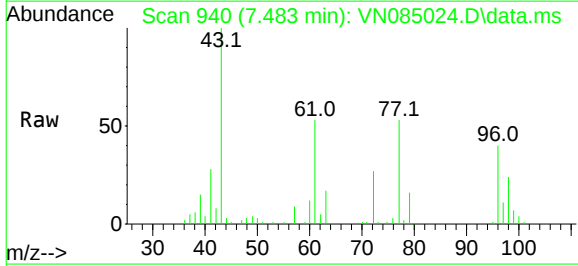
#31
2,2-Dichloropropane
Concen: 21.376 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tgt Ion: 77 Resp: 57150
Ion Ratio Lower Upper
77 100
97 22.8 17.4 26.2

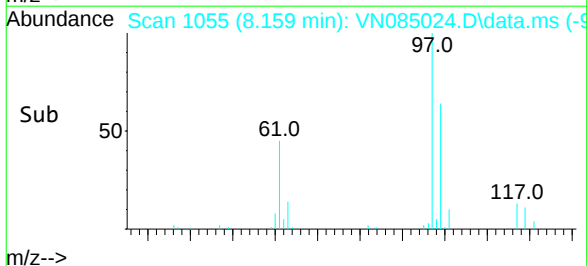
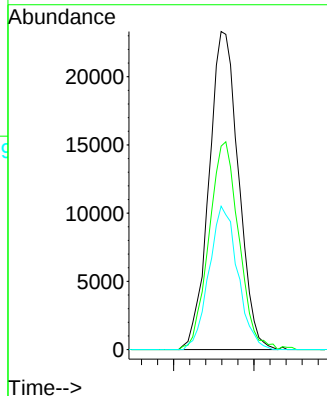
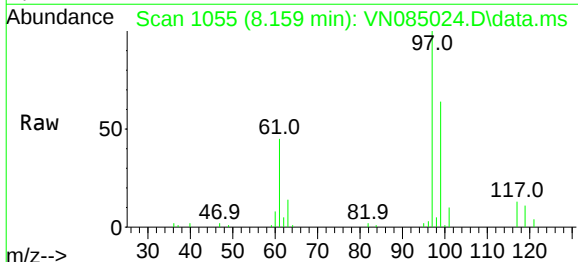
Manual Integrations
APPROVED

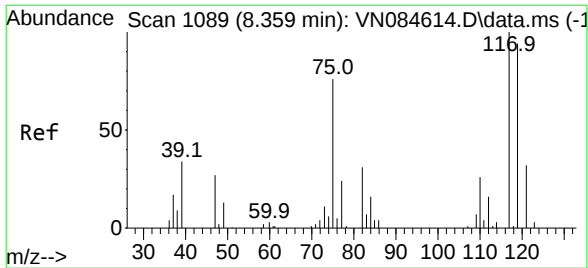
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#32
1,1,1-Trichloroethane
Concen: 20.017 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

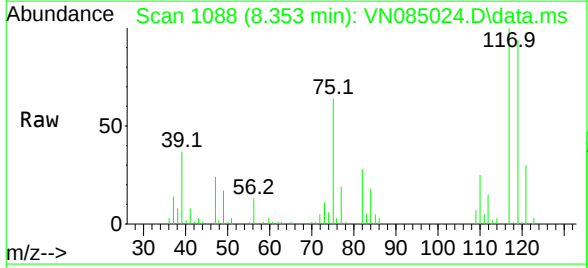
Tgt Ion: 97 Resp: 59560
Ion Ratio Lower Upper
97 100
99 65.9 51.6 77.4
61 43.8 34.2 51.4





#33
Carbon Tetrachloride
Concen: 20.274 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

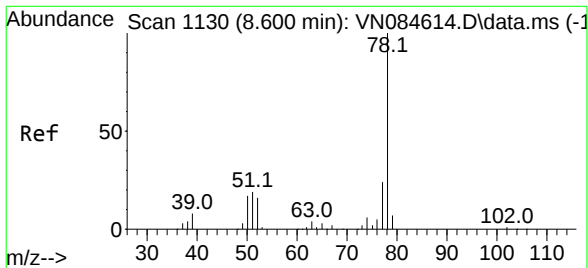
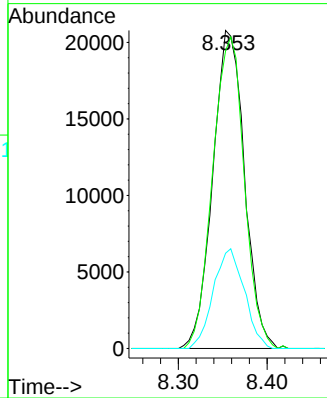
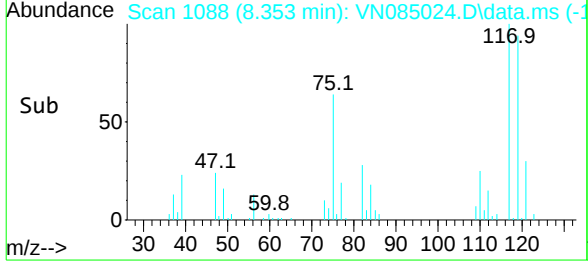
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01



Tgt Ion: 117 Resp: 51477
Ion Ratio Lower Upper
117 100
119 93.6 75.7 113.5
121 29.9 25.4 38.0

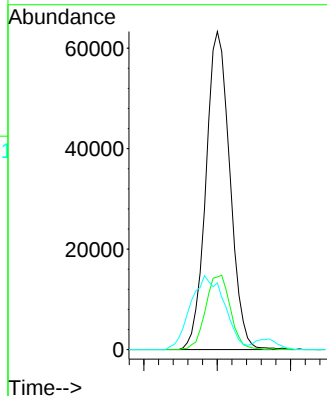
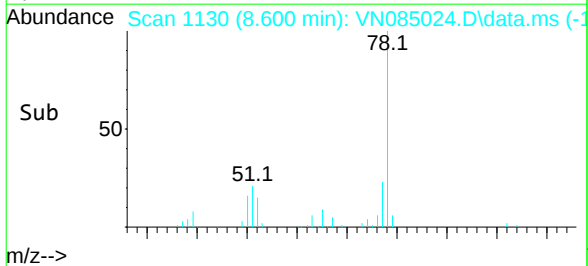
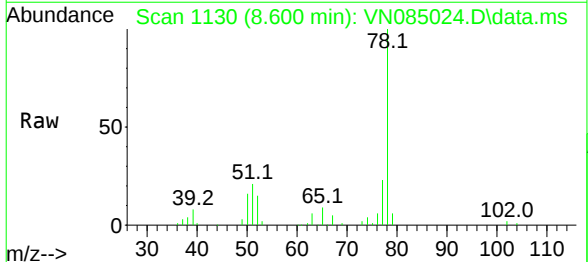
Manual Integrations
APPROVED

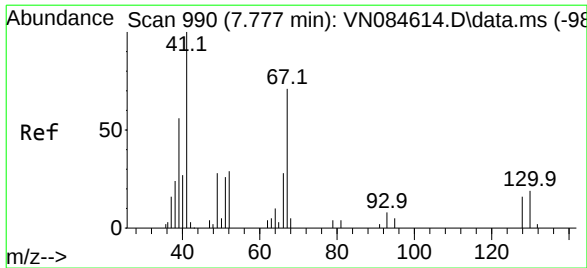
Reviewed By : John Carlone 11/25/2024
Supervised By : Mahesh Dadoda 11/26/2024



#34
Benzene
Concen: 19.865 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Tgt Ion: 78 Resp: 143811
Ion Ratio Lower Upper
78 100
77 22.8 19.3 28.9
51 19.3 16.1 24.1





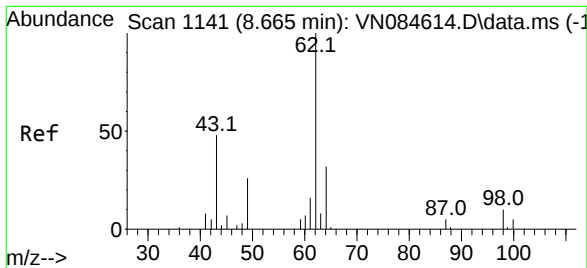
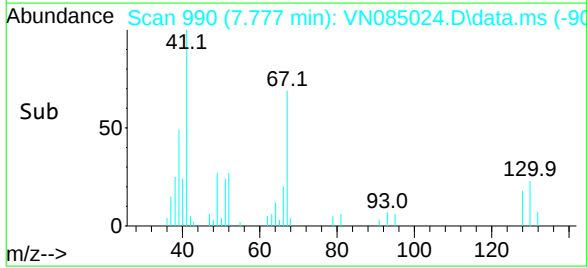
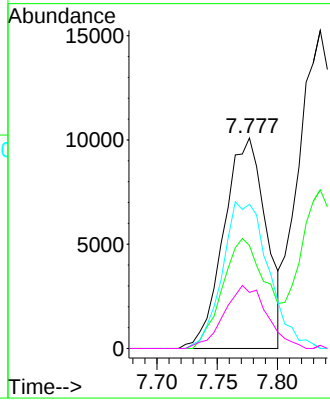
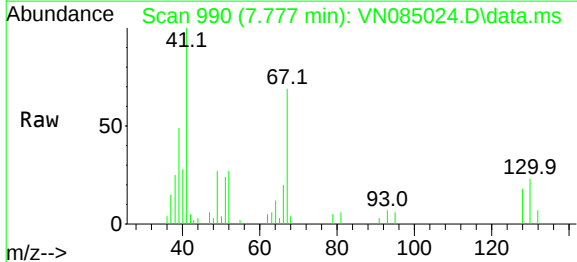
#35
Methacrylonitrile
Concen: 20.517 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tgt Ion:	41	Resp:	24567
Ion	Ratio	Lower	Upper
41	100		
39	48.9	28.2	84.6
67	68.5	35.6	106.8
52	26.6	14.4	43.4

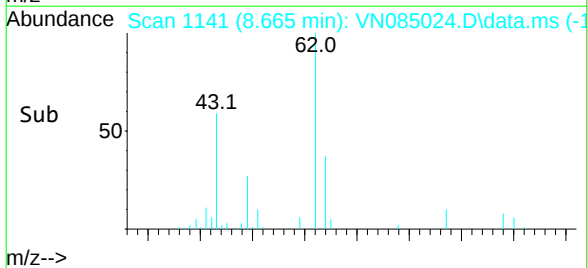
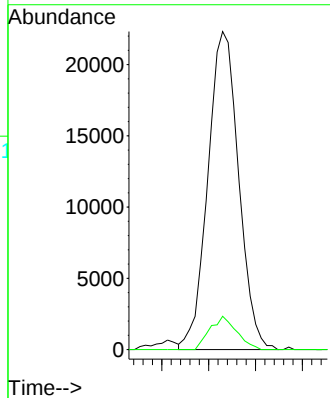
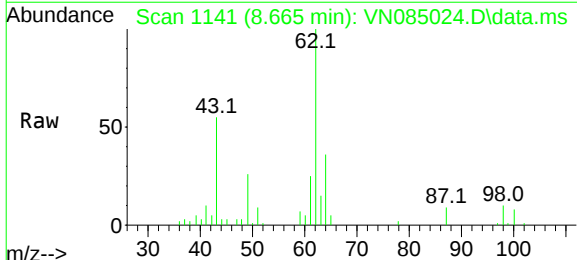
Manual Integrations
APPROVED

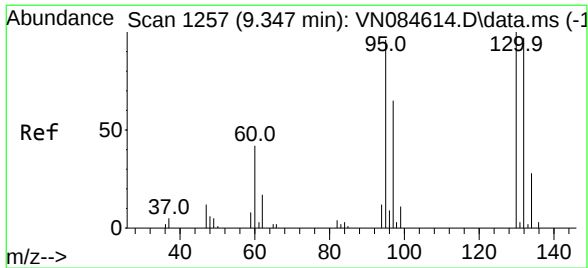
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#36
1,2-Dichloroethane
Concen: 21.199 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Tgt Ion:	62	Resp:	51035
Ion	Ratio	Lower	Upper
62	100		
98	9.1	7.8	11.6





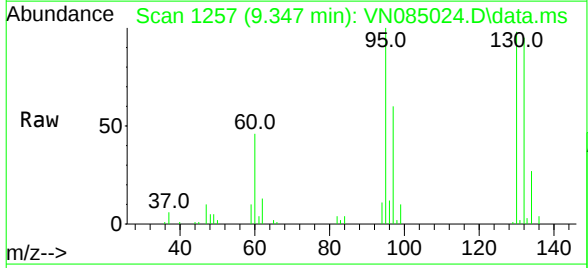
#37
 Trichloroethene
 Concen: 20.899 ug/l
 RT: 9.347 min Scan# 1257
 Delta R.T. 0.000 min
 Lab File: VN085024.D
 Acq: 25 Nov 2024 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01



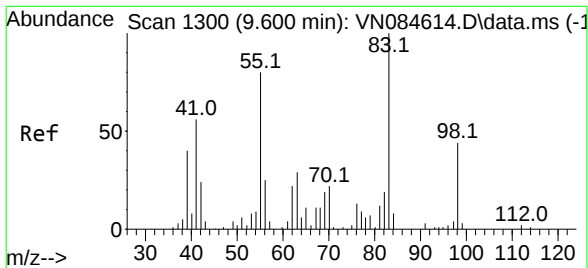
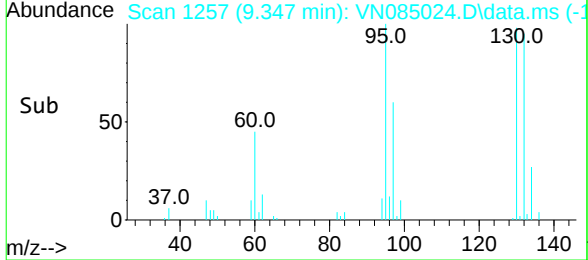
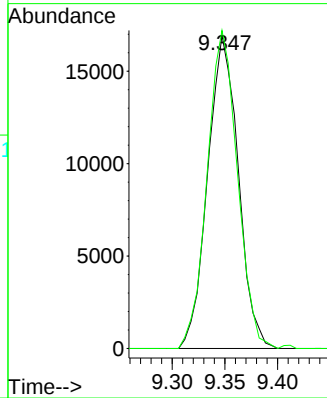
Tgt Ion: 130 Resp: 34131
 Ion Ratio Lower Upper
 130 100
 95 101.6 76.6 115.0

Manual Integrations

APPROVED

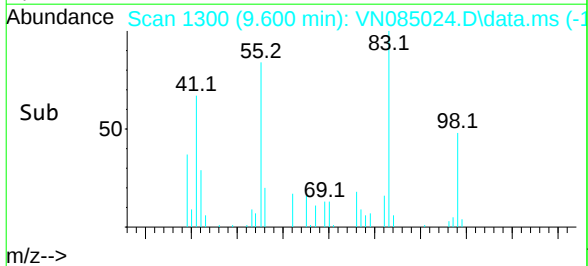
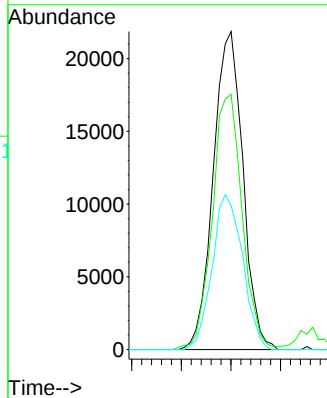
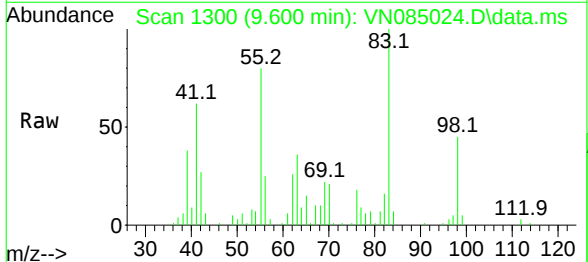
Reviewed By : John Carlone 11/25/2024

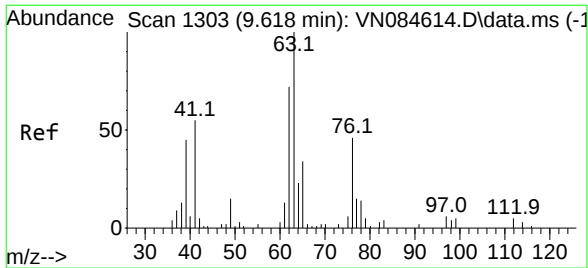
Supervised By : Mahesh Dadoda 11/26/2024



#38
 Methylcyclohexane
 Concen: 19.240 ug/l
 RT: 9.600 min Scan# 1300
 Delta R.T. 0.000 min
 Lab File: VN085024.D
 Acq: 25 Nov 2024 12:15

Tgt Ion: 83 Resp: 45364
 Ion Ratio Lower Upper
 83 100
 55 80.8 39.6 118.8
 98 50.1 23.2 69.5





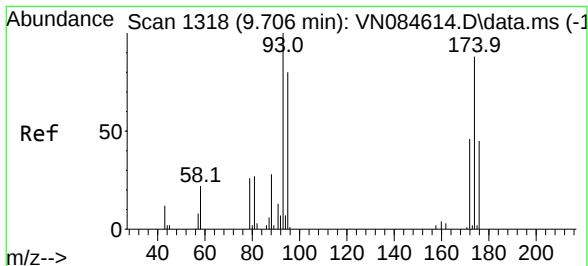
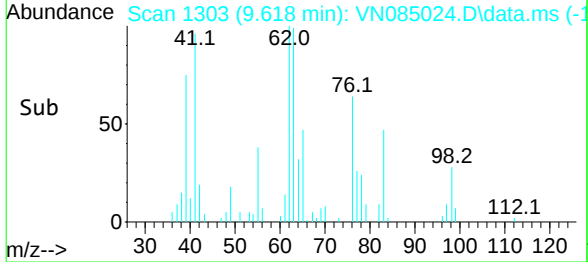
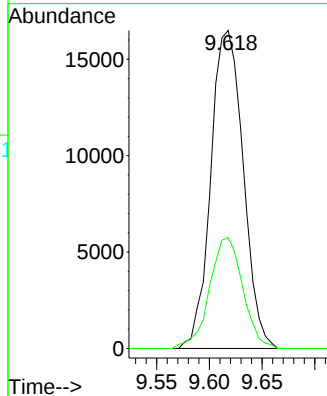
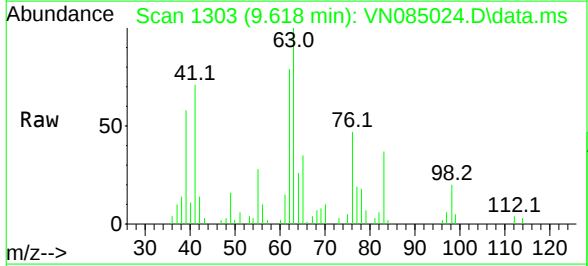
#39
1,2-Dichloropropane
Concen: 20.258 ug/l
RT: 9.618 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tgt Ion: 63 Resp: 35302
Ion Ratio Lower Upper
63 100
65 34.9 27.8 41.8

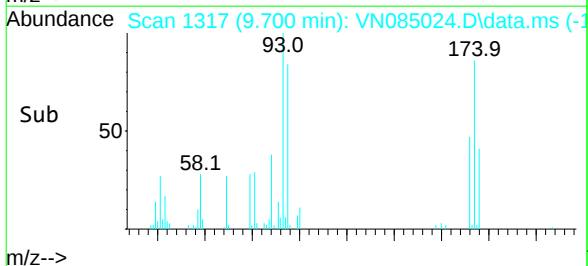
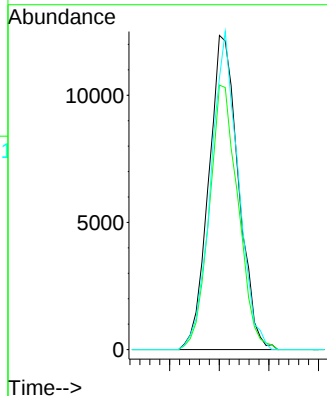
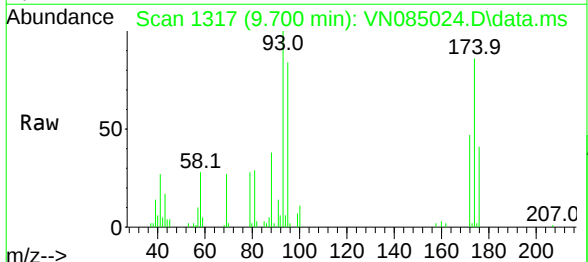
Manual Integrations
APPROVED

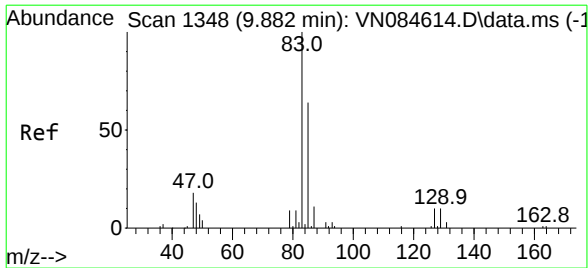
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#40
Dibromomethane
Concen: 21.120 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Tgt Ion: 93 Resp: 25747
Ion Ratio Lower Upper
93 100
95 81.6 0.0 168.4
174 93.2 0.0 183.4





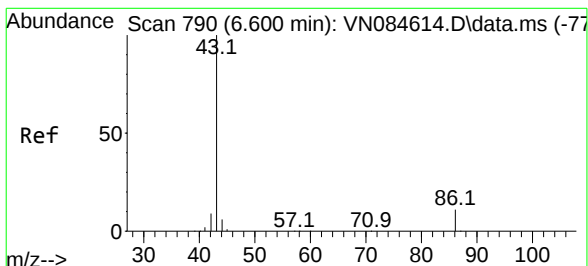
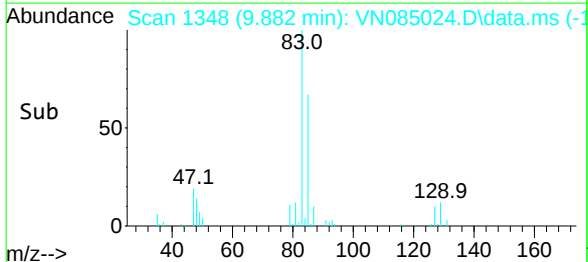
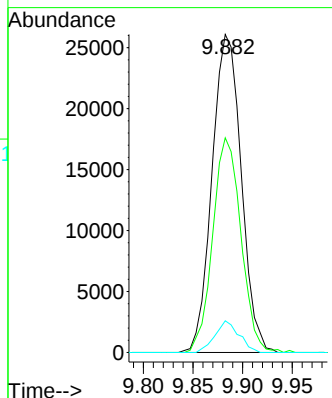
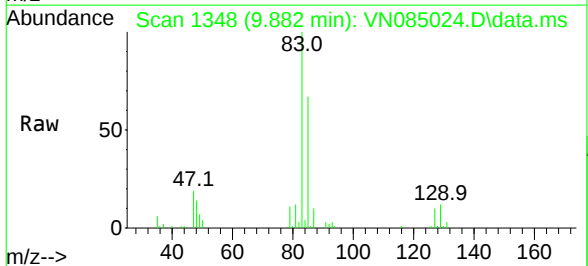
#41
Bromodichloromethane
Concen: 20.450 ug/l
RT: 9.882 min Scan# 13
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tgt Ion:	83	Resp:	53446
Ion	Ratio	Lower	Upper
83	100		
85	67.5	51.0	76.6
127	10.0	7.8	11.6

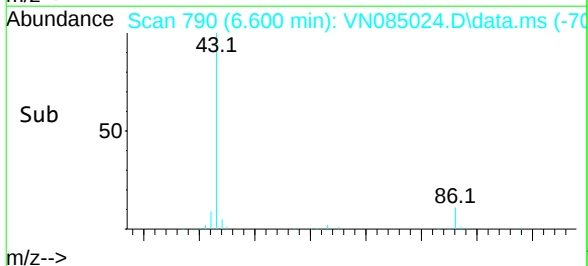
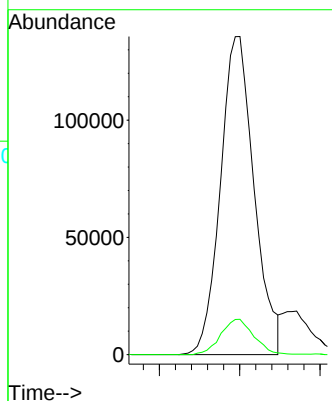
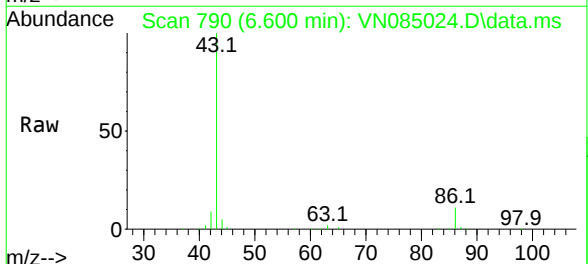
Manual Integrations
APPROVED

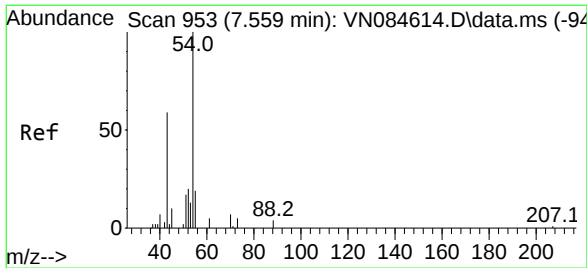
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#42
Vinyl Acetate
Concen: 104.750 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

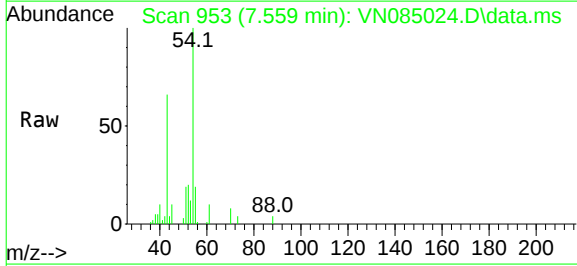
Tgt Ion:	43	Resp:	395570
Ion	Ratio	Lower	Upper
43	100		
86	10.9	8.6	13.0





#43
Ethyl Acetate
Concen: 20.245 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

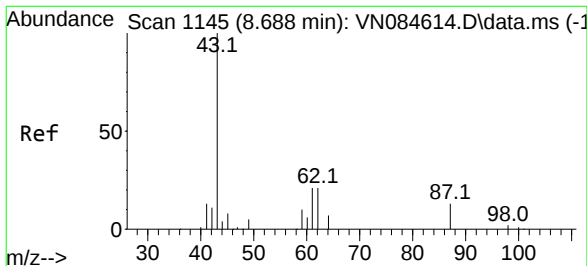
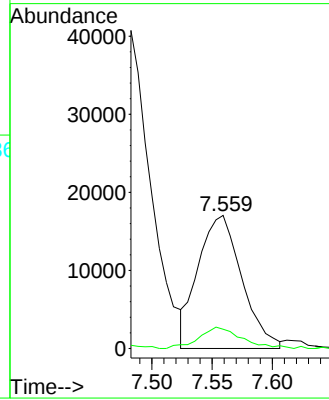
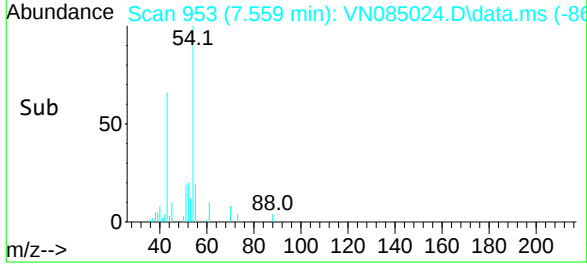
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01



Tgt Ion: 43 Resp: 42978
Ion Ratio Lower Upper
43 100
45 14.3 11.0 16.4

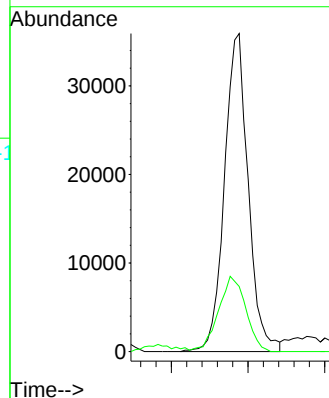
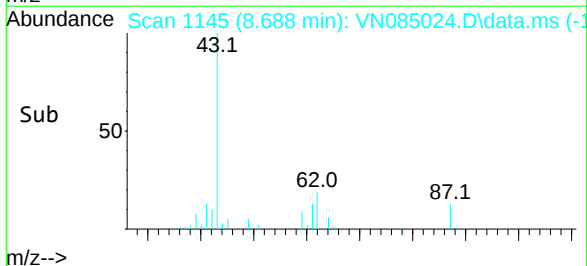
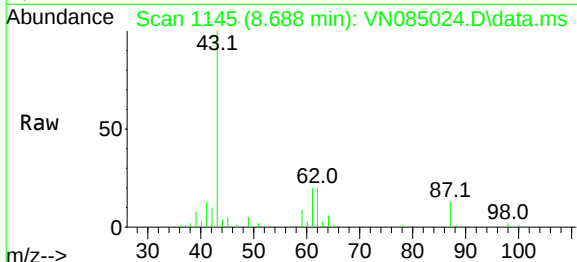
Manual Integrations
APPROVED

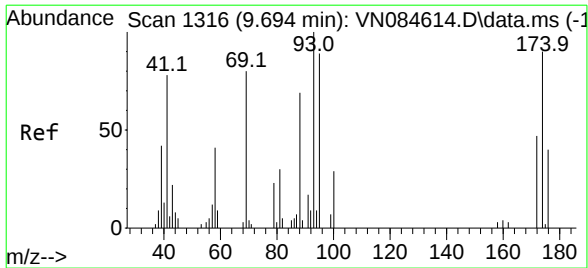
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#44
Isopropyl Acetate
Concen: 17.979 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

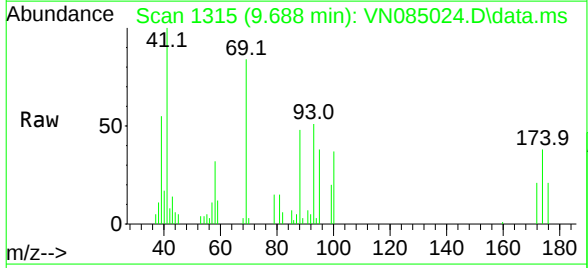
Tgt Ion: 43 Resp: 77286
Ion Ratio Lower Upper
43 100
61 27.2 19.8 29.8





#45
1,4-Dioxane
Concen: 418.700 ug/l
RT: 9.688 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

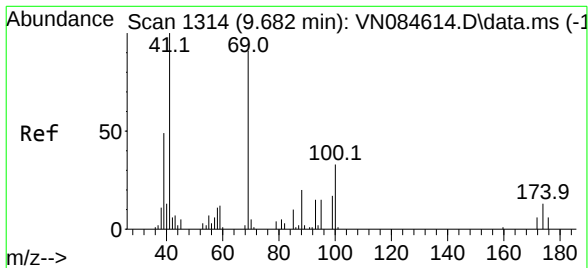
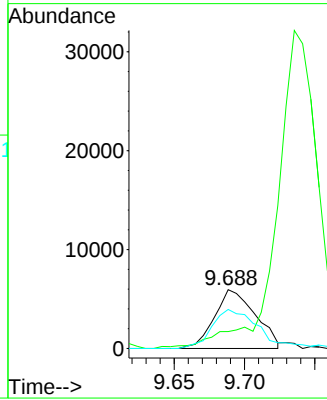
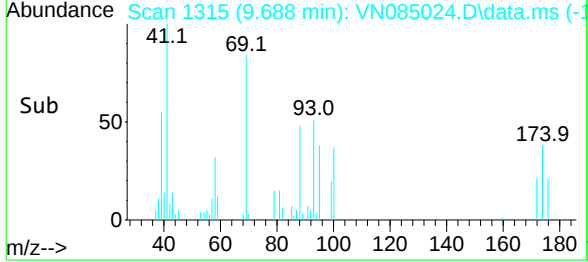
Instrument : MSVOA_N
ClientSampleId : VN1125WBSD01



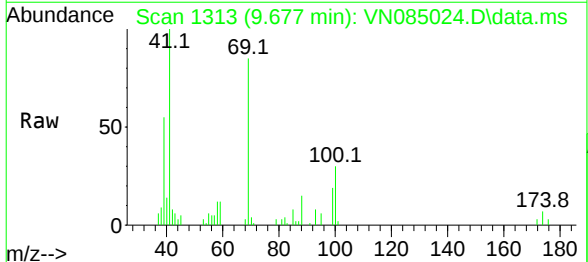
Tgt Ion: 88 Resp: 12016
Ion Ratio Lower Upper
88 100
43 37.1 20.8 31.2#
58 75.4 53.4 80.2

Manual Integrations
APPROVED

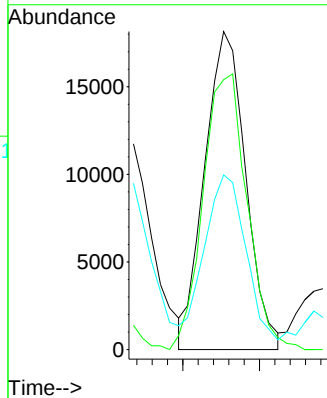
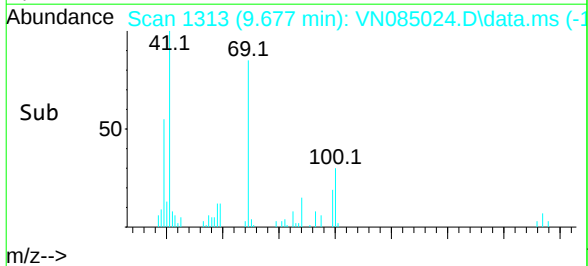
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024

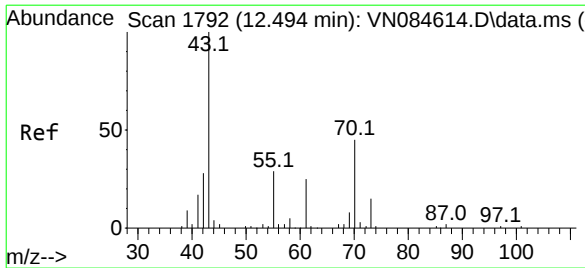


#46
Methyl methacrylate
Concen: 19.558 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15



Tgt Ion: 41 Resp: 33786
Ion Ratio Lower Upper
41 100
69 85.5 43.4 130.2
39 54.7 24.7 74.1





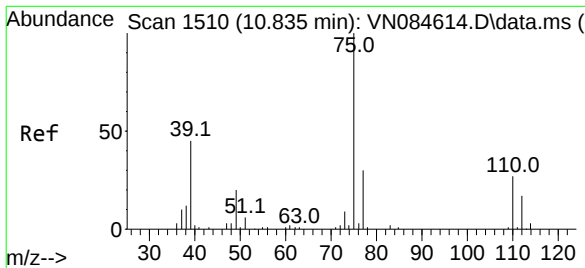
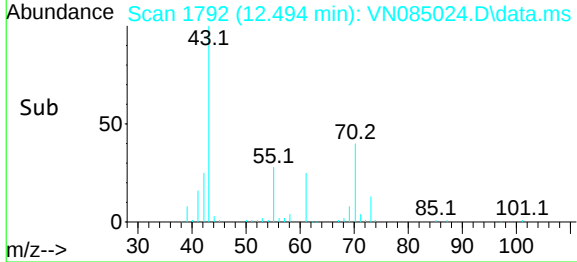
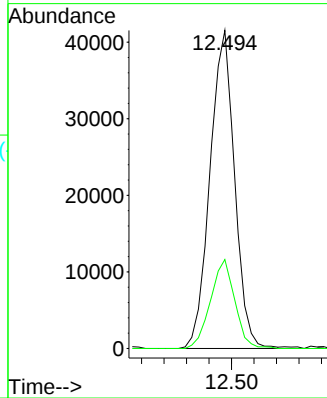
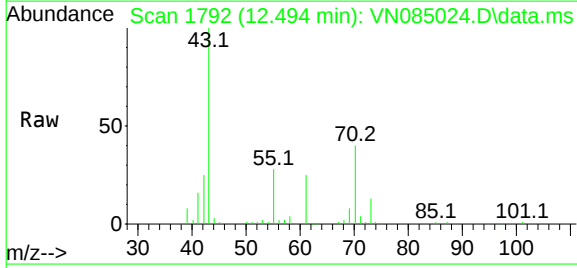
#47
n-amy1 Acetate
Concen: 19.652 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tgt Ion: 43 Resp: 63091
Ion Ratio Lower Upper
43 100
55 27.4 22.0 33.0

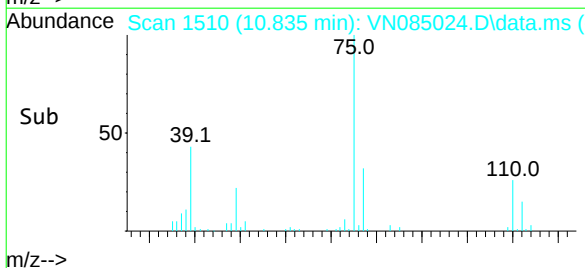
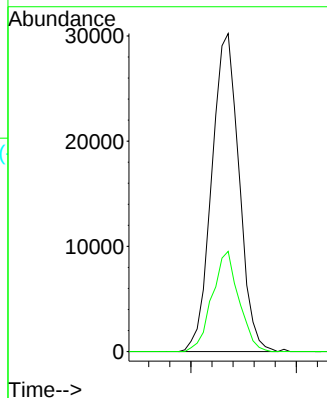
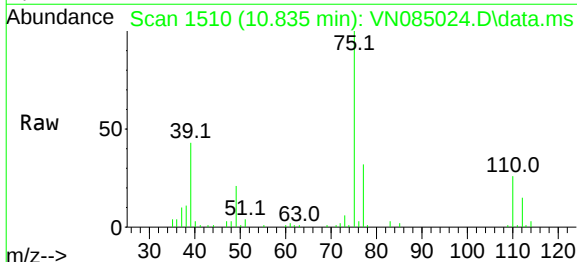
Manual Integrations
APPROVED

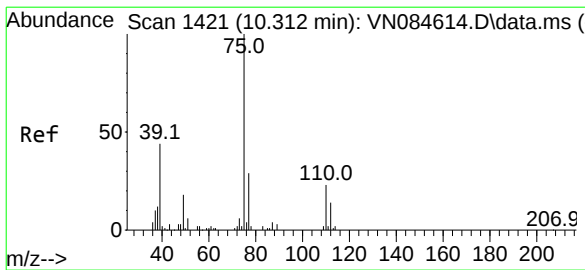
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#48
t-1,3-Dichloropropene
Concen: 21.104 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Tgt Ion: 75 Resp: 54461
Ion Ratio Lower Upper
75 100
77 31.5 24.4 36.6





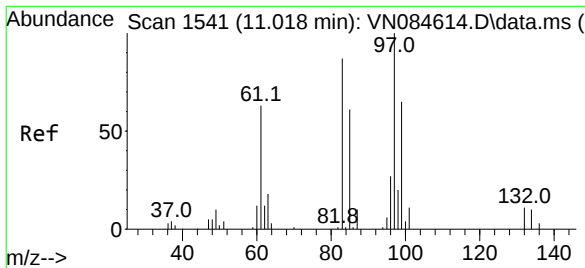
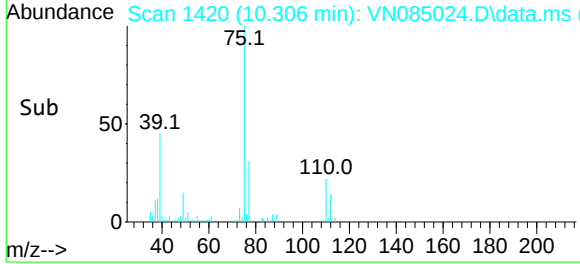
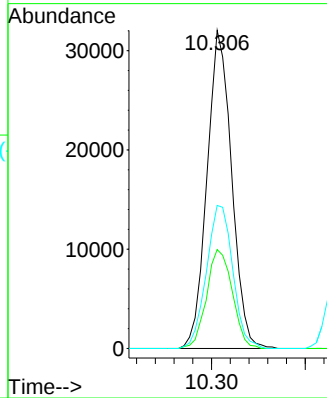
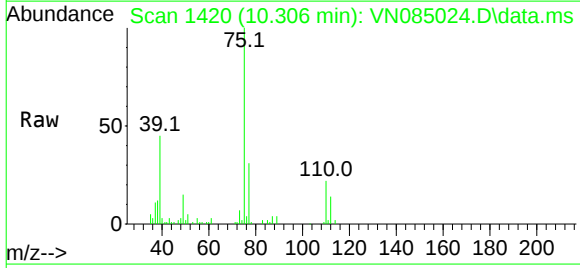
#49
cis-1,3-Dichloropropene
Concen: 21.155 ug/l
RT: 10.306 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tgt Ion: 75	Resp: 58511
Ion Ratio	Lower Upper
75 100	
77 31.1	23.4 35.2
39 45.0	35.4 53.2

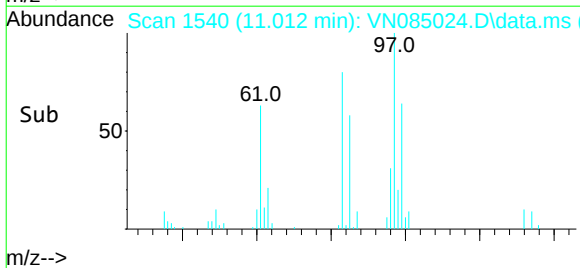
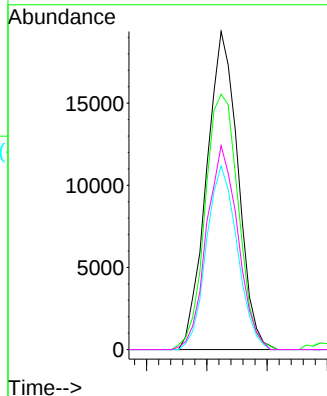
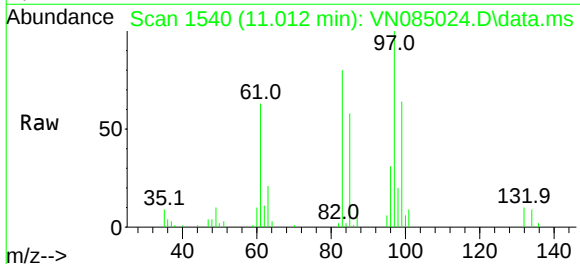
Manual Integrations
APPROVED

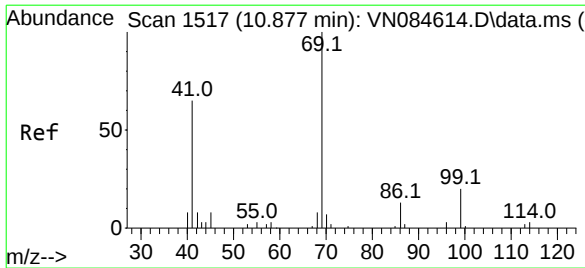
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#50
1,1,2-Trichloroethane
Concen: 21.520 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

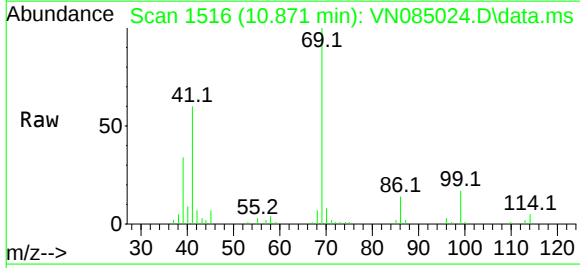
Tgt Ion: 97	Resp: 35191
Ion Ratio	Lower Upper
97 100	
83 80.3	69.8 104.8
85 57.7	48.6 73.0
99 64.1	52.9 79.3





#51
Ethyl methacrylate
Concen: 20.580 ug/l
RT: 10.871 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

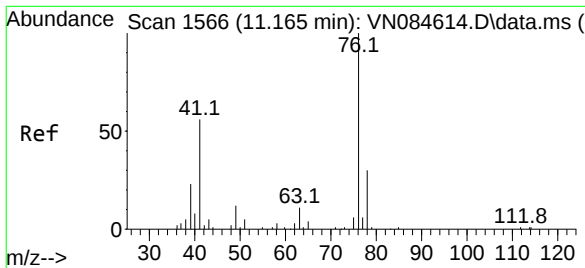
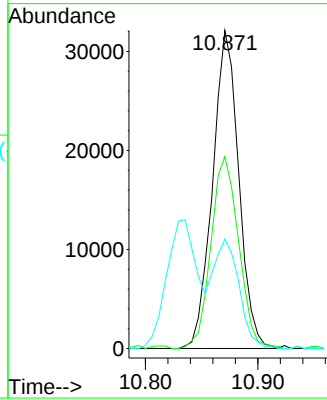
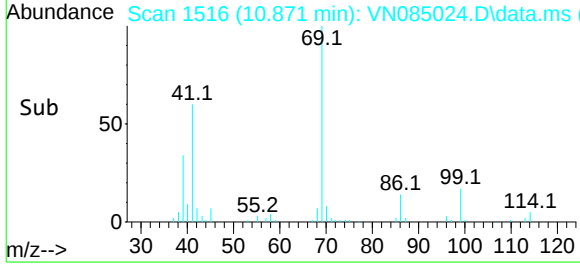
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01



Tgt Ion: 69 Resp: 51876
Ion Ratio Lower Upper
69 100
41 60.3 32.8 98.3
39 34.4 15.4 46.1

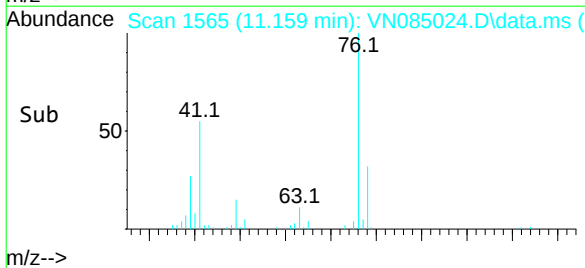
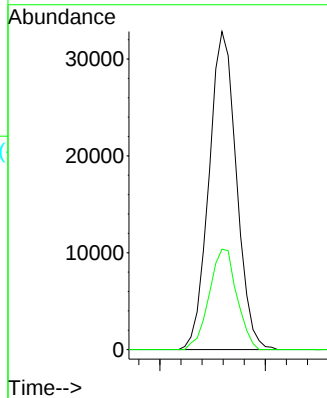
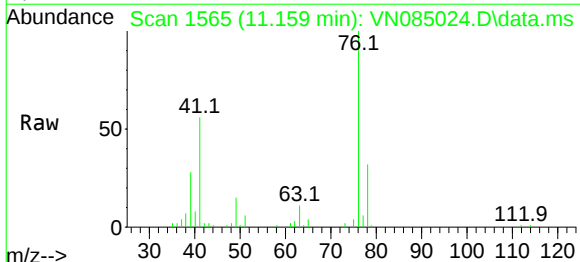
Manual Integrations
APPROVED

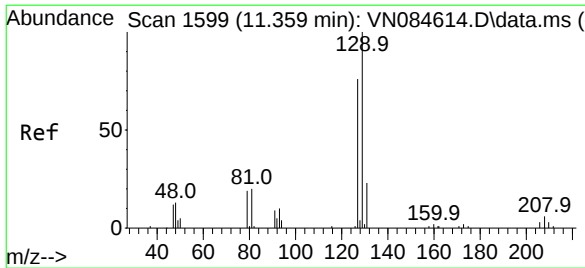
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#52
1,3-Dichloropropane
Concen: 20.954 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Tgt Ion: 76 Resp: 59477
Ion Ratio Lower Upper
76 100
78 31.7 0.0 64.0





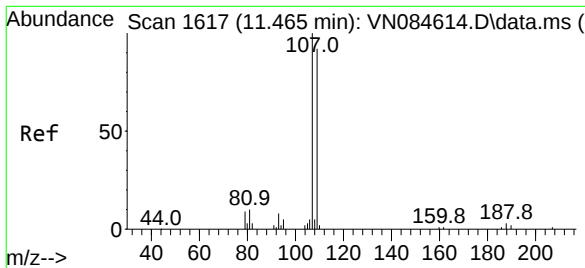
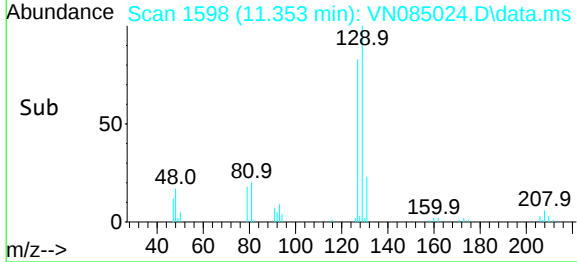
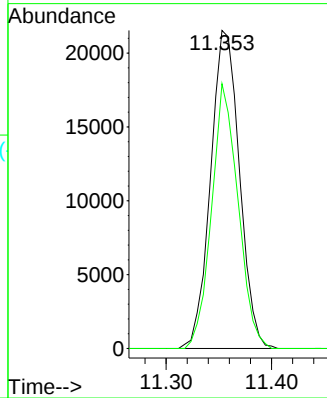
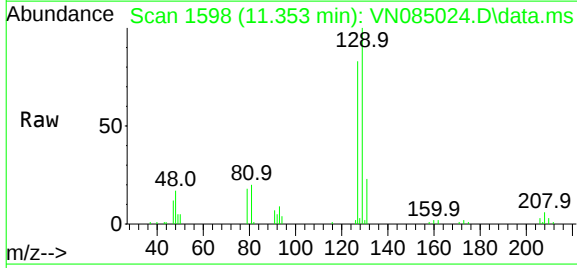
#53
Dibromochloromethane
Concen: 21.440 ug/l
RT: 11.353 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tgt Ion:129 Resp: 41028
Ion Ratio Lower Upper
129 100
127 76.2 39.6 119.0

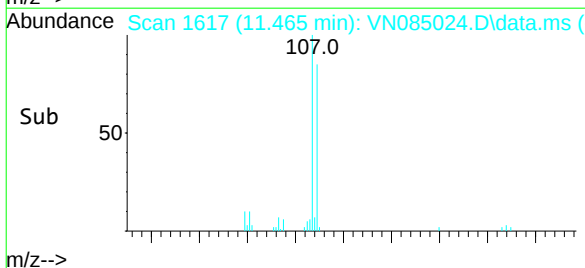
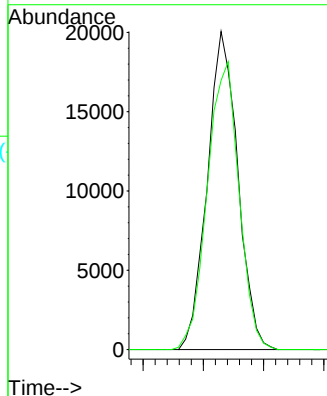
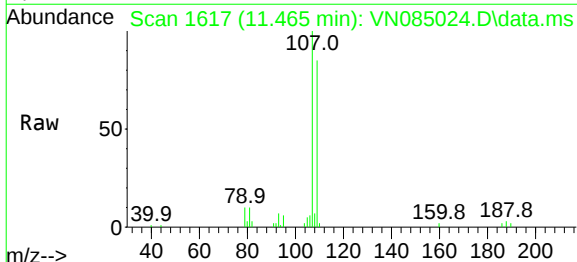
Manual Integrations
APPROVED

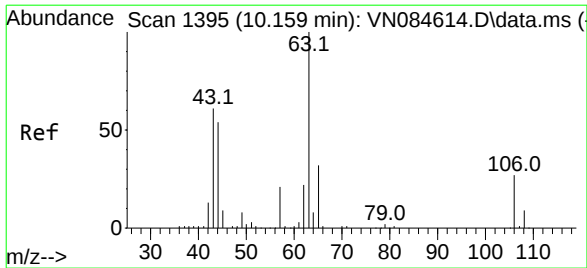
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#54
1,2-Dibromoethane
Concen: 21.340 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

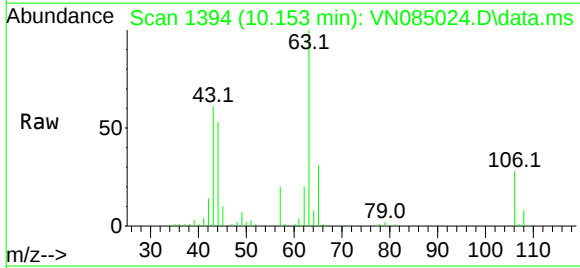
Tgt Ion:107 Resp: 35294
Ion Ratio Lower Upper
107 100
109 93.9 73.4 110.0





#55
2-Chloroethyl vinyl ether
Concen: 84.673 ug/l
RT: 10.153 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

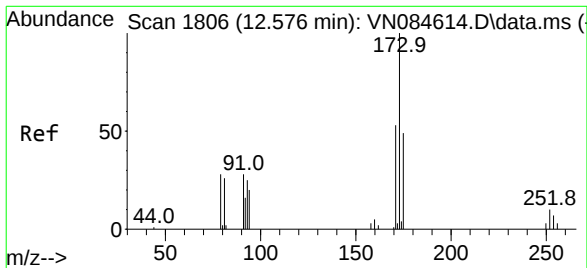
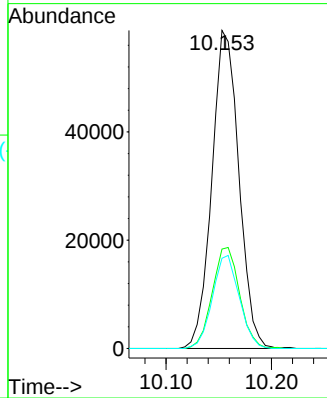
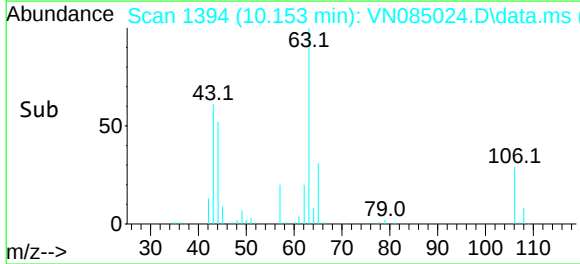
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01



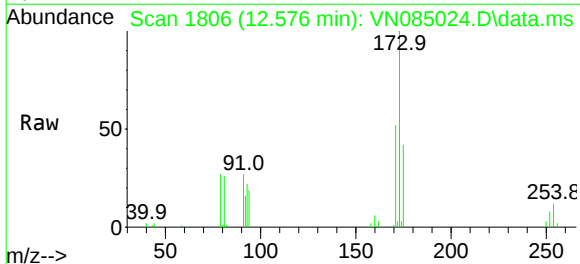
Tgt Ion: 63 Resp: 104639
Ion Ratio Lower Upper
63 100
65 32.1 25.5 38.3
106 29.1 22.3 33.5

Manual Integrations
APPROVED

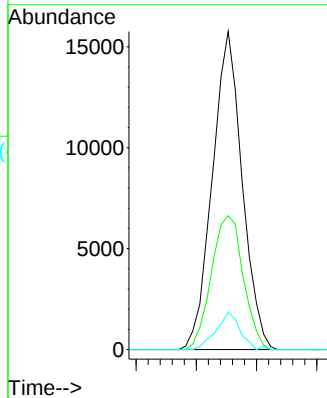
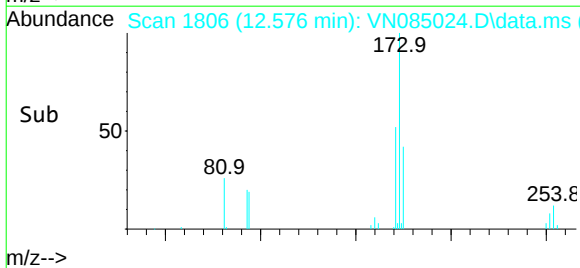
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024

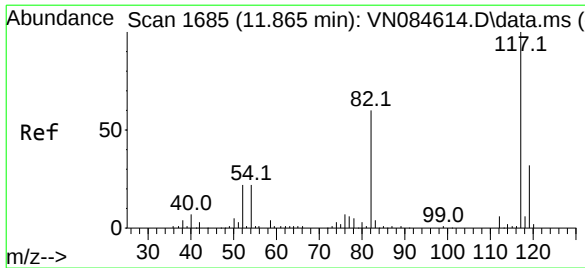


#56
Bromoform
Concen: 21.112 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15



Tgt Ion:173 Resp: 27080
Ion Ratio Lower Upper
173 100
175 45.0 39.4 59.2
254 9.4 6.4 9.6





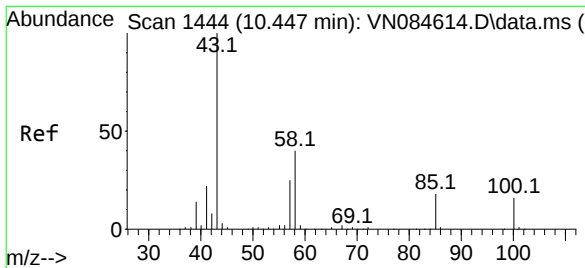
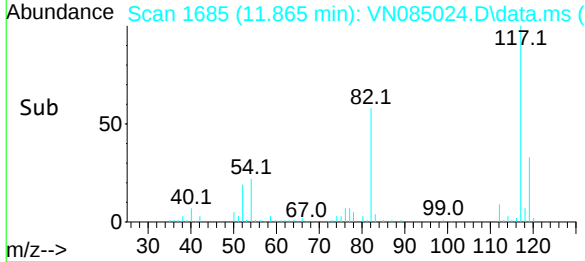
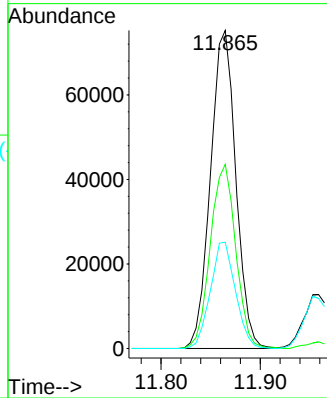
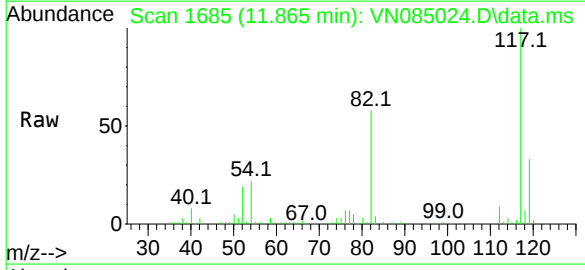
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tgt Ion:117 Resp: 133637
Ion Ratio Lower Upper
117 100
82 57.9 45.5 68.3
119 33.2 25.3 37.9

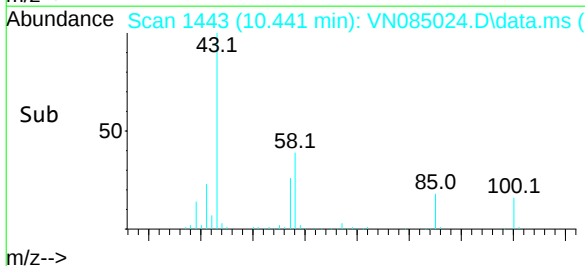
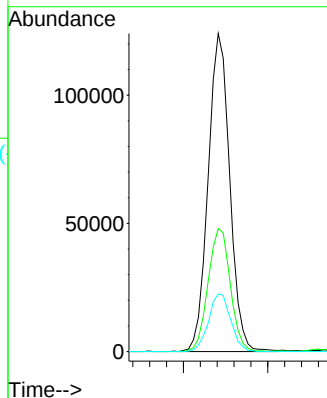
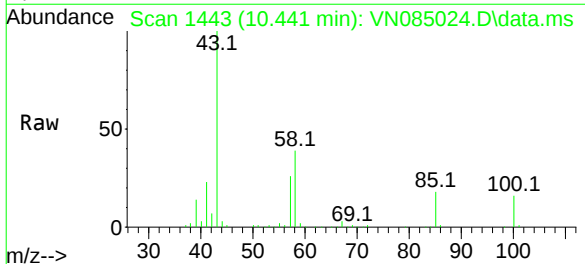
Manual Integrations
APPROVED

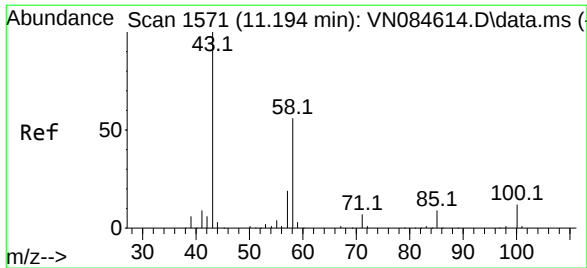
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#58
4-Methyl-2-Pentanone
Concen: 104.806 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Tgt Ion: 43 Resp: 220961
Ion Ratio Lower Upper
43 100
58 39.7 31.2 46.8
85 18.6 14.9 22.3





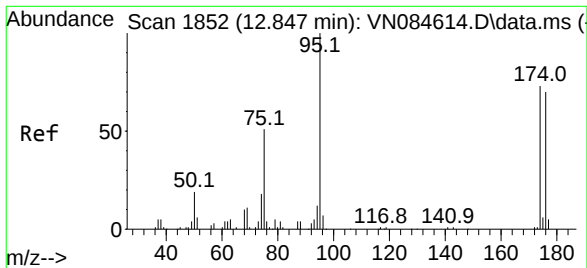
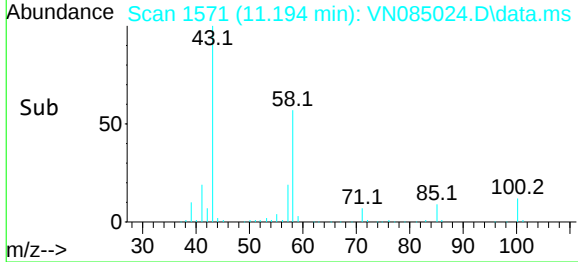
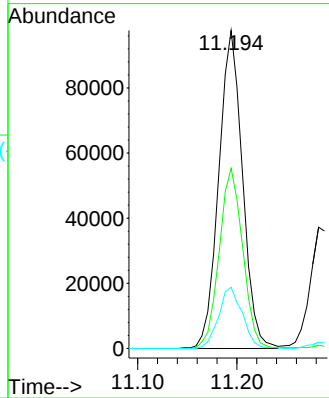
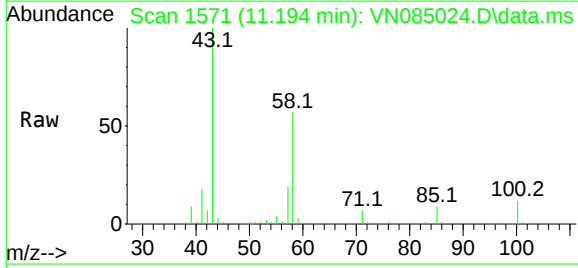
#59
2-Hexanone
Concen: 105.210 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tgt Ion: 43 Resp: 162425
Ion Ratio Lower Upper
43 100
58 55.8 43.8 65.6
57 19.2 15.0 22.6

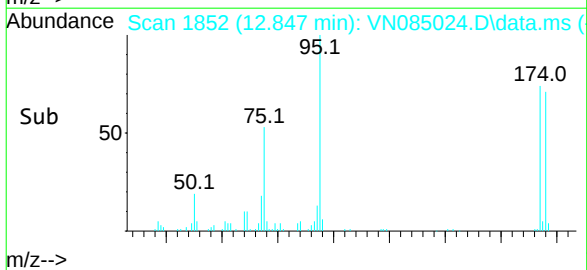
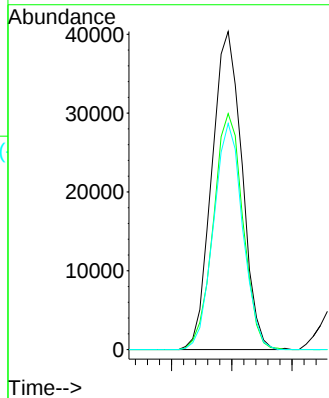
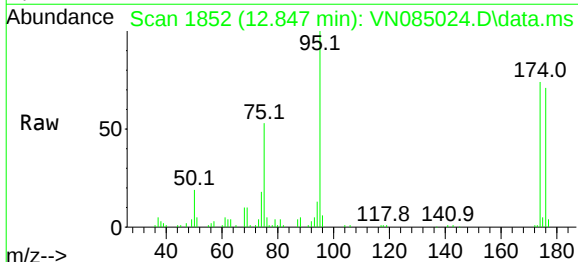
Manual Integrations
APPROVED

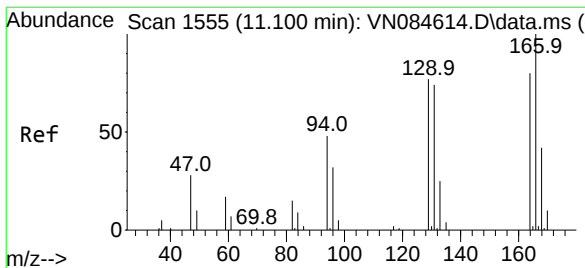
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#60
4-Bromofluorobenzene
Concen: 30.485 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

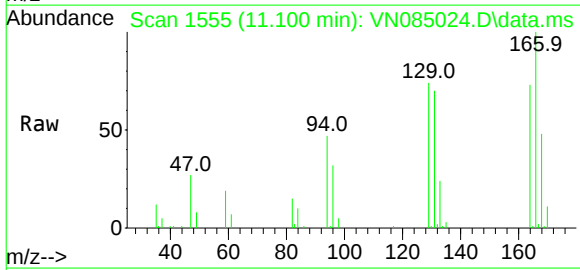
Tgt Ion: 95 Resp: 70146
Ion Ratio Lower Upper
95 100
174 72.8 59.6 89.4
176 68.9 58.6 88.0





#61
Tetrachloroethene
Concen: 20.256 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

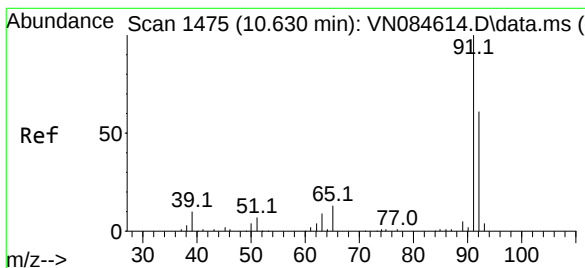
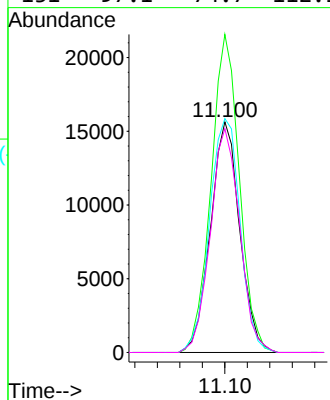
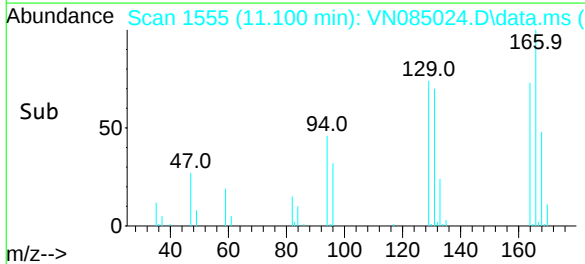
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01



Tgt Ion:164 Resp: 28330
Ion Ratio Lower Upper
164 100
166 137.9 100.5 150.7
129 101.4 77.7 116.5
131 97.1 74.7 112.1

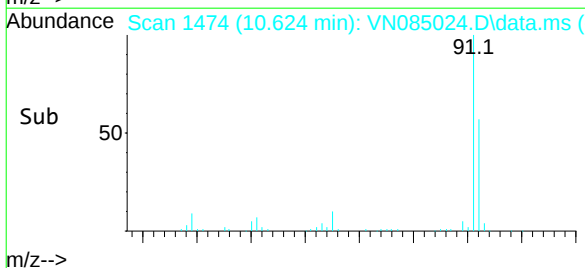
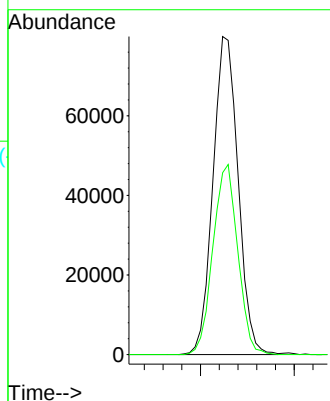
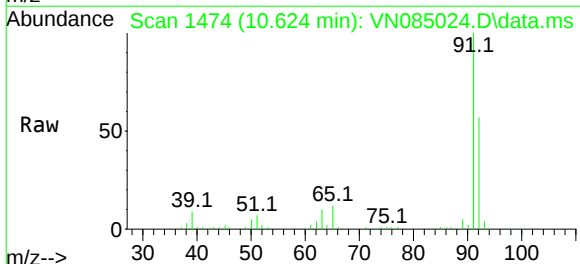
Manual Integrations
APPROVED

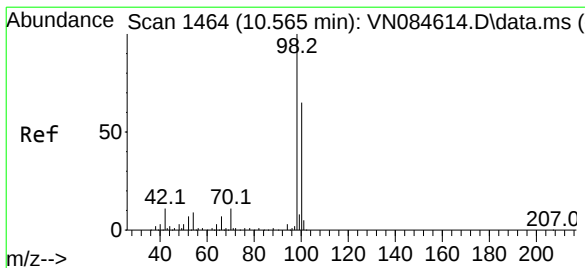
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#62
Toluene
Concen: 19.581 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

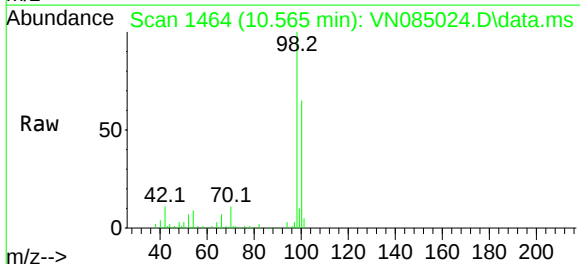
Tgt Ion: 91 Resp: 149042
Ion Ratio Lower Upper
91 100
92 58.9 47.5 71.3





#63
Toluene-d8
Concen: 29.376 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

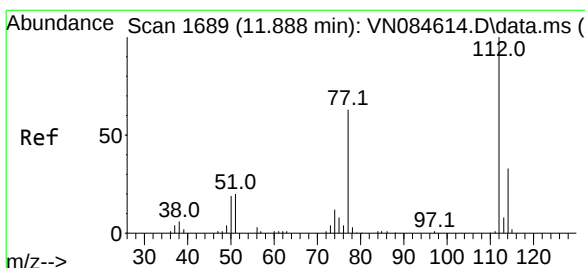
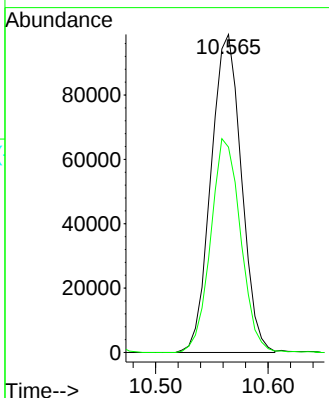
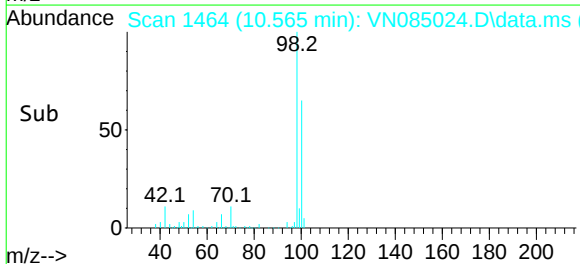
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01



Tgt Ion: 98 Resp: 185845
Ion Ratio Lower Upper
98 100
100 66.3 52.2 78.2

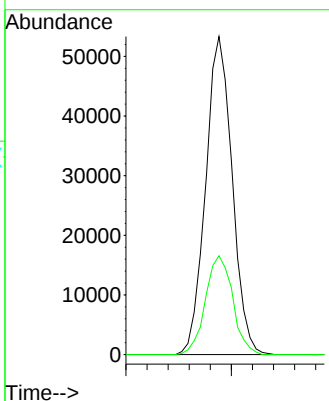
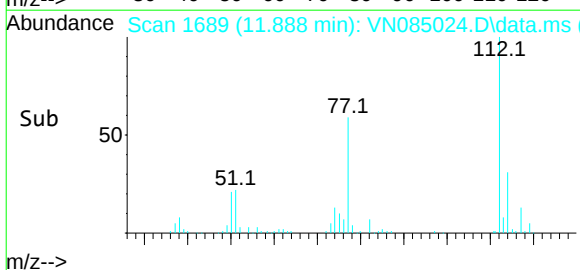
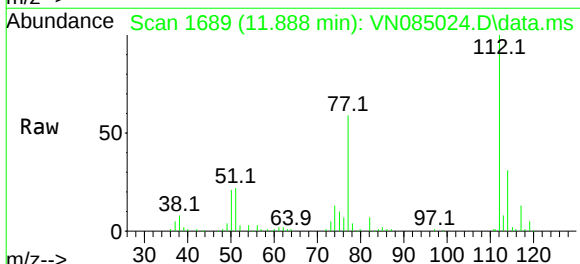
Manual Integrations
APPROVED

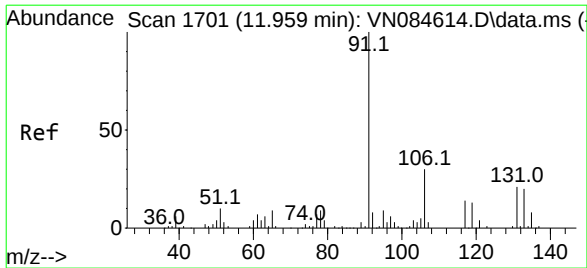
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#64
Chlorobenzene
Concen: 20.321 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Tgt Ion:112 Resp: 93374
Ion Ratio Lower Upper
112 100
114 31.1 26.2 39.4





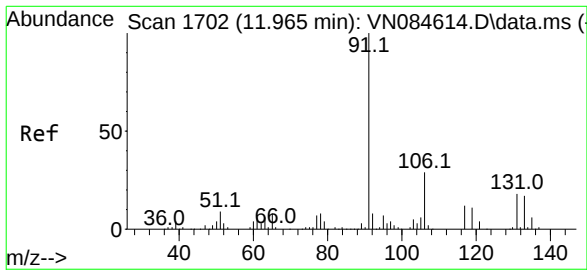
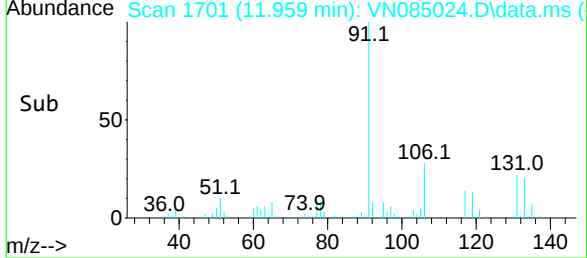
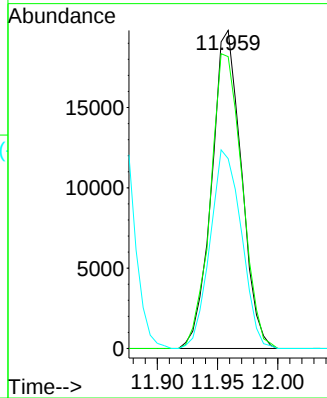
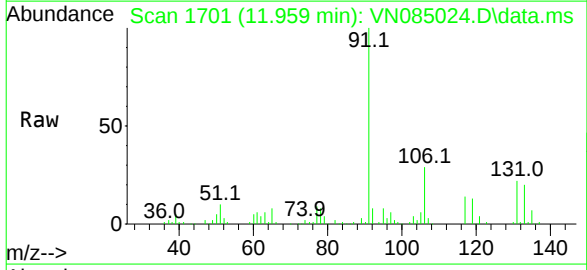
#65
1,1,1,2-Tetrachloroethane
Concen: 20.154 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tgt Ion:131 Resp: 34035
Ion Ratio Lower Upper
131 100
133 98.1 0.0 189.2
119 65.7 0.0 129.4

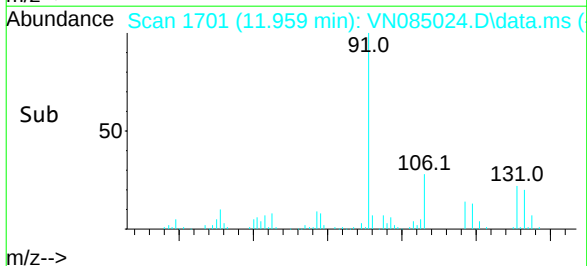
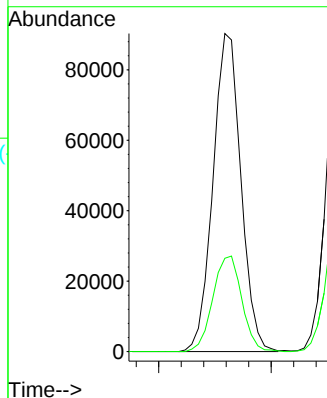
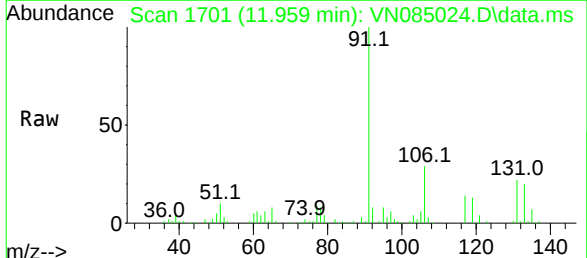
Manual Integrations
APPROVED

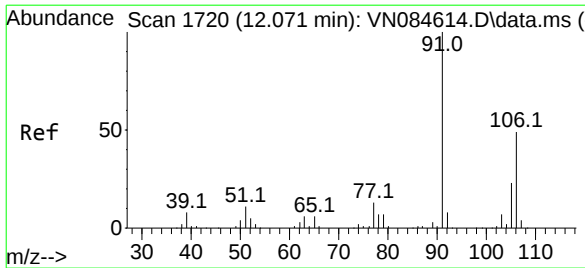
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#66
Ethyl Benzene
Concen: 19.449 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Tgt Ion: 91 Resp: 155574
Ion Ratio Lower Upper
91 100
106 29.3 22.9 34.3





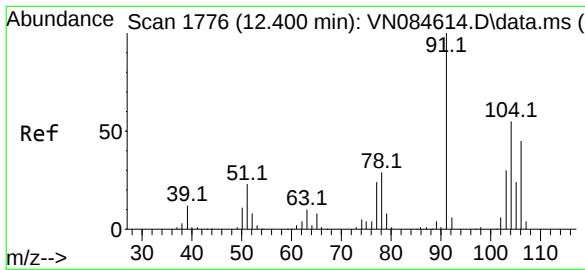
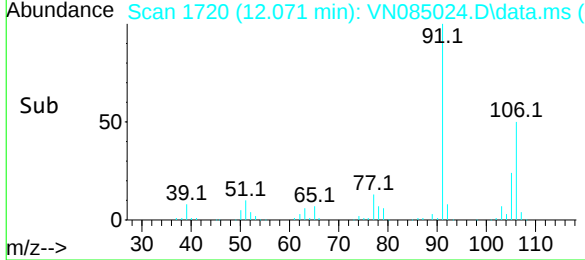
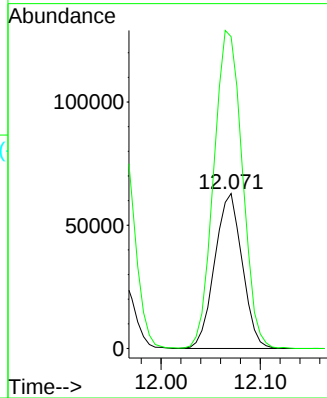
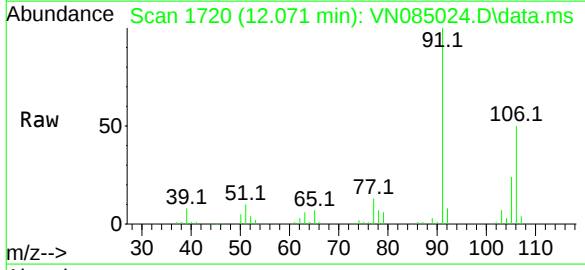
#67
m/p-Xylenes
Concen: 39.547 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tgt Ion:106 Resp: 121114
Ion Ratio Lower Upper
106 100
91 212.9 168.1 252.1

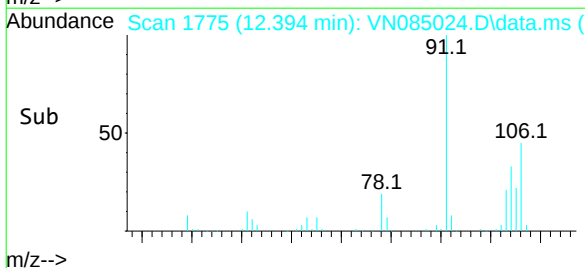
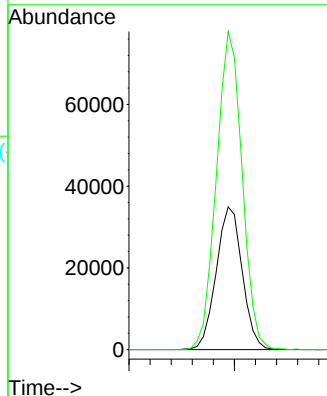
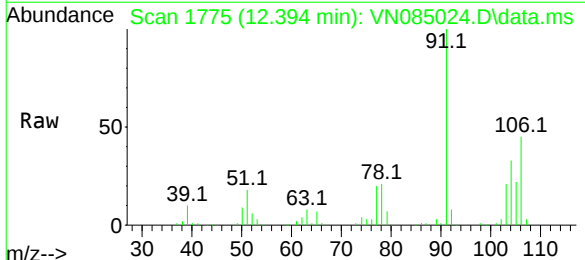
Manual Integrations
APPROVED

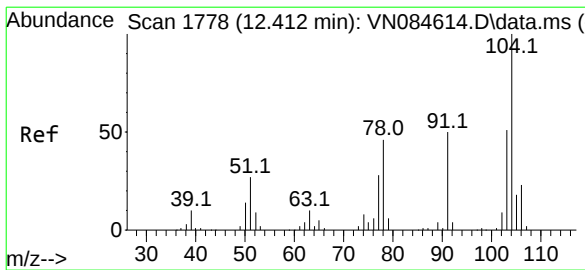
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#68
o-Xylene
Concen: 20.282 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Tgt Ion:106 Resp: 59915
Ion Ratio Lower Upper
106 100
91 220.1 107.7 322.9





#69

Styrene

Concen: 20.450 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VN085024.D

Acq: 25 Nov 2024 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

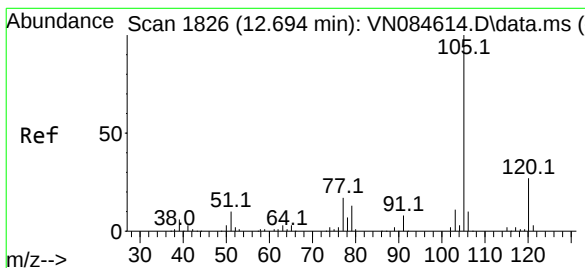
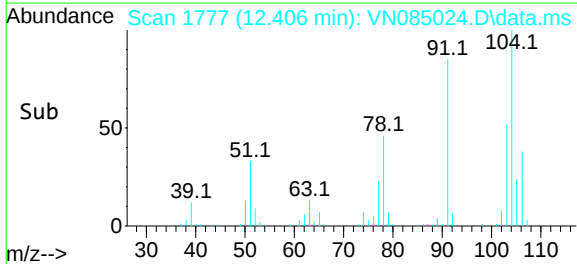
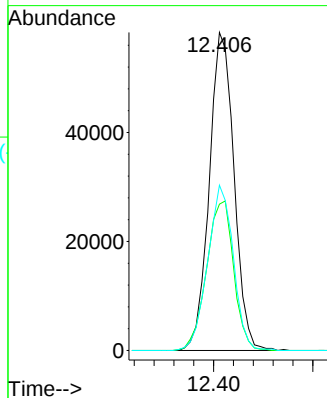
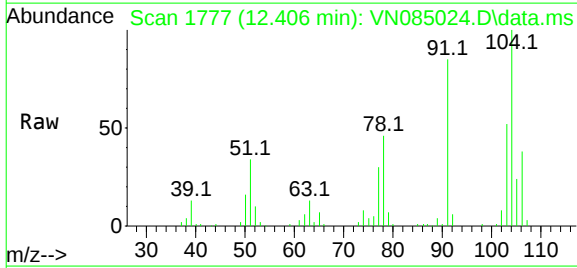
Tgt Ion:	104	Resp:	101294
Ion	Ratio	Lower	Upper
104	100		
78	51.4	41.5	62.3
103	53.7	44.6	67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/26/2024



#70

Isopropylbenzene

Concen: 19.834 ug/l

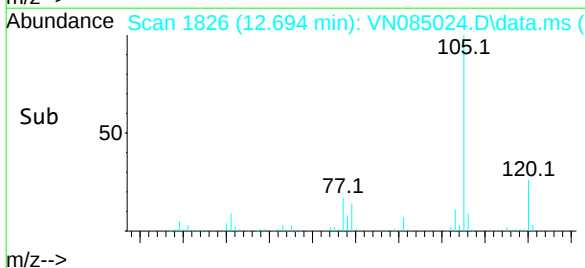
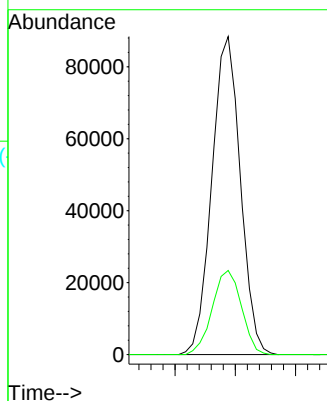
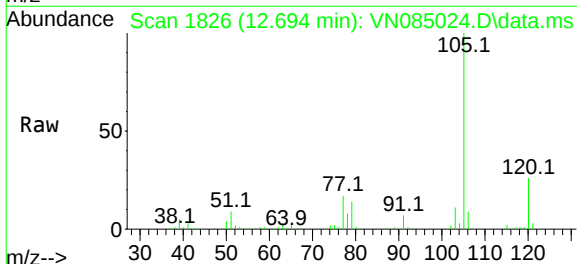
RT: 12.694 min Scan# 1826

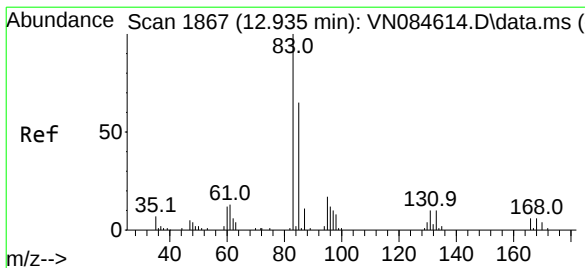
Delta R.T. 0.000 min

Lab File: VN085024.D

Acq: 25 Nov 2024 12:15

Tgt Ion:	105	Resp:	145559
Ion	Ratio	Lower	Upper
105	100		
120	27.0	18.7	34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 20.949 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN085024.D

Acq: 25 Nov 2024 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

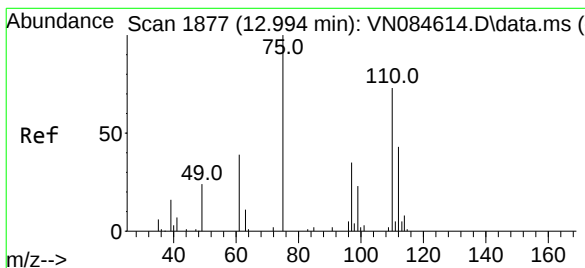
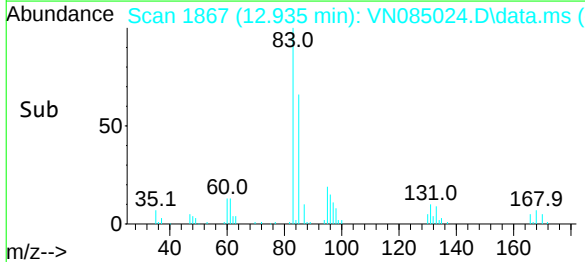
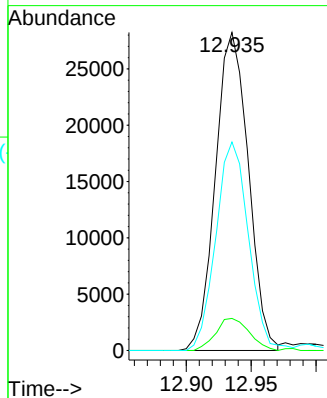
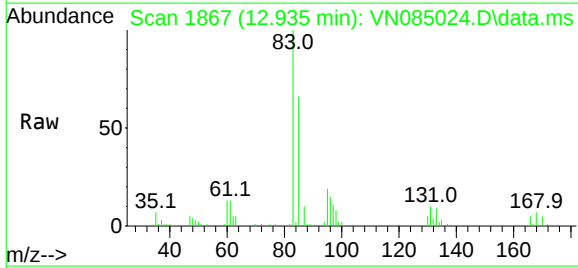
Tgt Ion:	83	Resp:	49830
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.3
85	64.5	33.3	99.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/26/2024



#72

1,2,3-Trichloropropane

Concen: 19.691 ug/l m

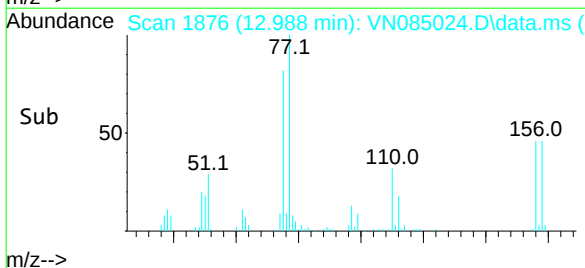
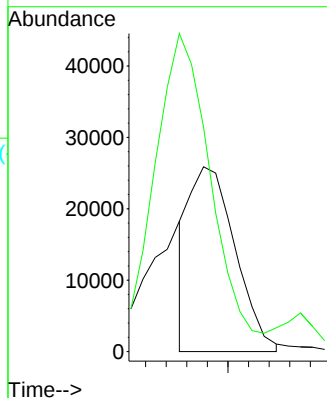
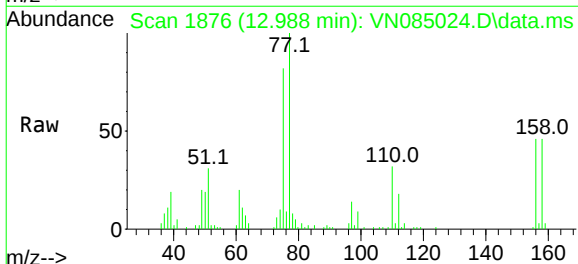
RT: 12.988 min Scan# 1876

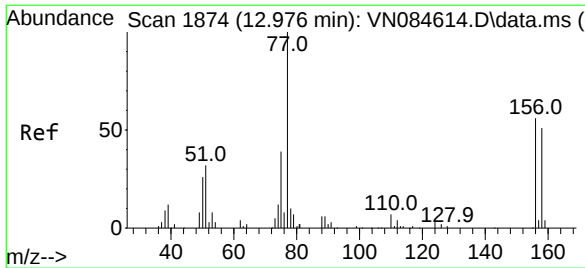
Delta R.T. -0.006 min

Lab File: VN085024.D

Acq: 25 Nov 2024 12:15

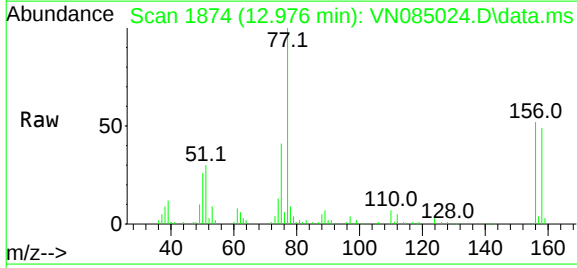
Tgt Ion:	75	Resp:	39994
Ion	Ratio	Lower	Upper
75	100		
77	216.4	0.0	358.4





#73
Bromobenzene
Concen: 20.567 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

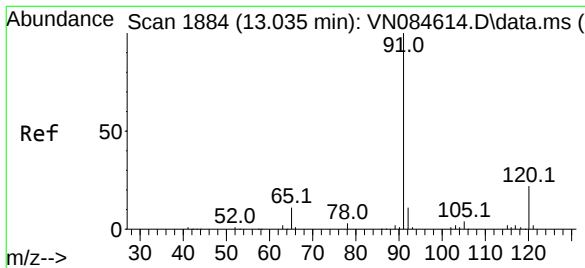
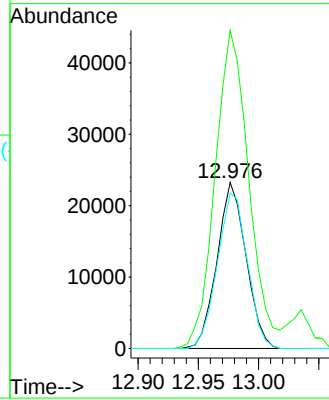
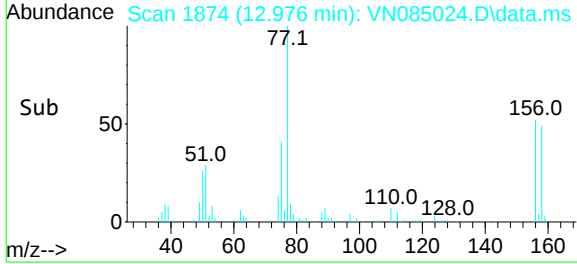
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01



Tgt Ion: 156 Resp: 38929
Ion Ratio Lower Upper
156 100
77 222.3 0.0 427.6
158 96.6 0.0 191.6

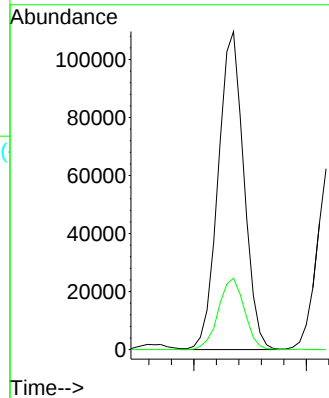
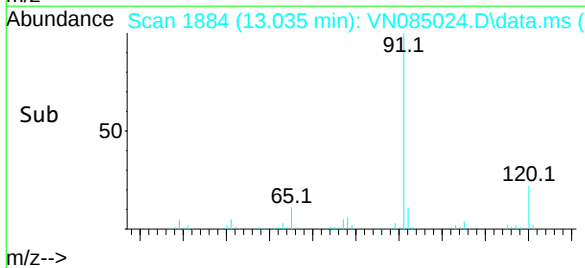
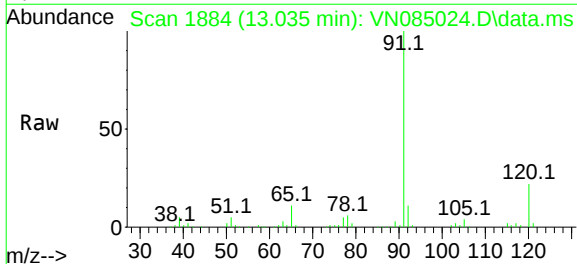
Manual Integrations
APPROVED

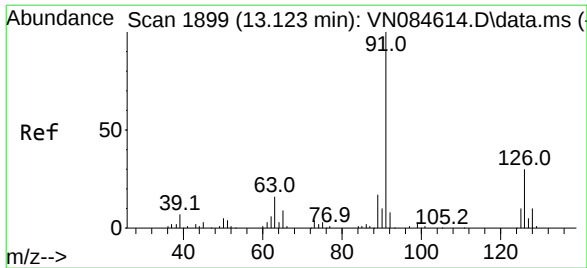
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#74
n-propylbenzene
Concen: 20.277 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Tgt Ion: 91 Resp: 174009
Ion Ratio Lower Upper
91 100
120 22.6 0.0 44.0





#75

2-Chlorotoluene

Concen: 20.305 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN085024.D

Acq: 25 Nov 2024 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

Tgt Ion: 91 Resp: 113471

Ion Ratio Lower Upper

91 100

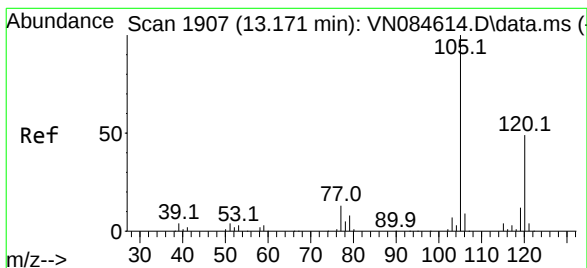
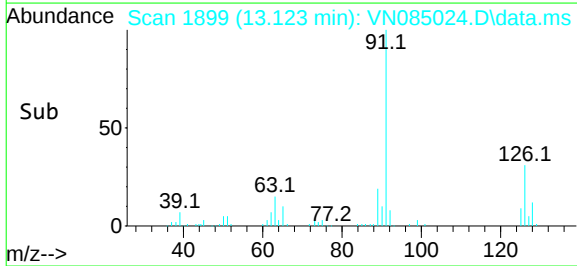
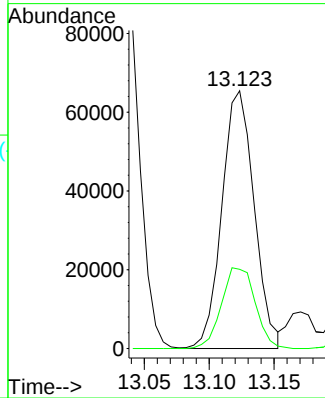
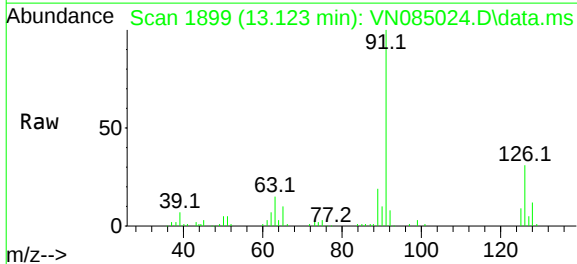
126 32.7 0.0 60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/26/2024



#76

1,3,5-Trimethylbenzene

Concen: 21.404 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085024.D

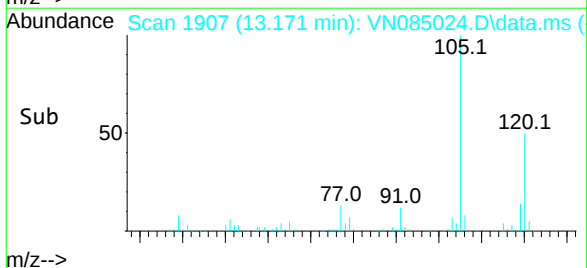
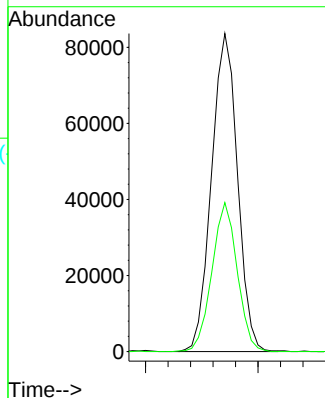
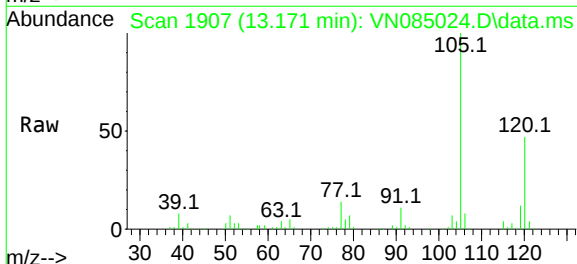
Acq: 25 Nov 2024 12:15

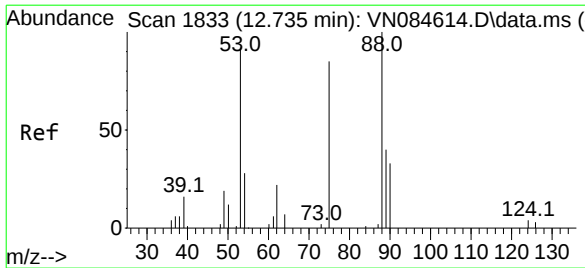
Tgt Ion:105 Resp: 134209

Ion Ratio Lower Upper

105 100

120 45.5 0.0 96.8





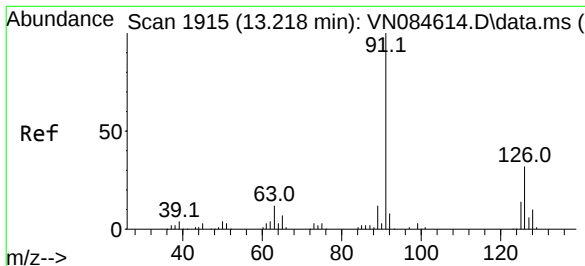
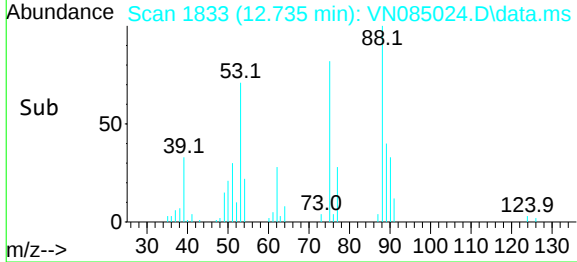
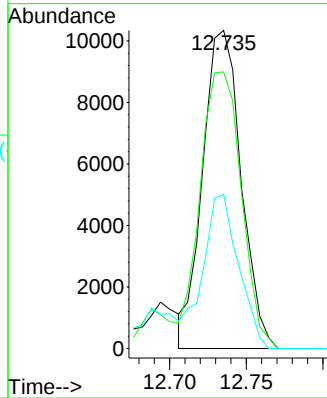
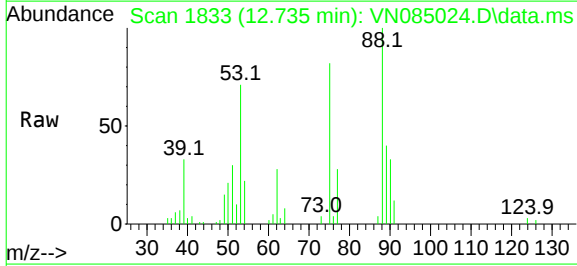
#77
t-1,4-Dichloro-2-butene
Concen: 21.607 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tgt Ion: 75 Resp: 17999
Ion Ratio Lower Upper
75 100
53 87.0 52.4 157.2
89 48.5 26.0 78.0

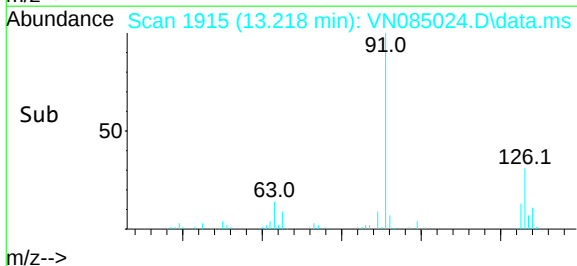
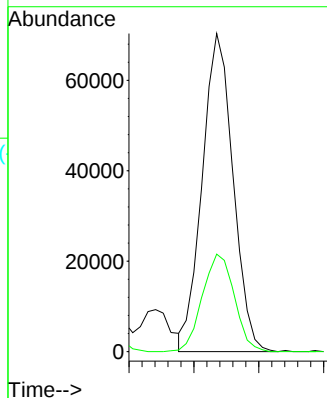
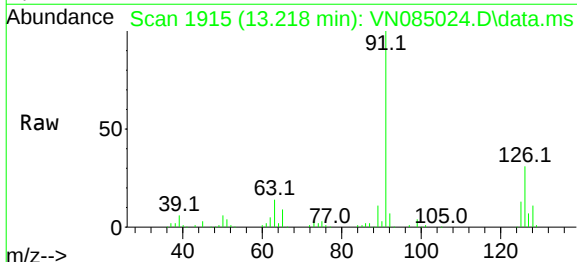
Manual Integrations
APPROVED

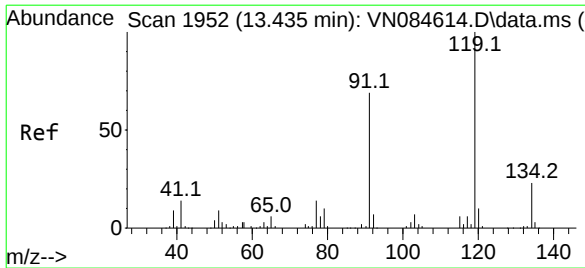
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#78
4-Chlorotoluene
Concen: 20.572 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Tgt Ion: 91 Resp: 116153
Ion Ratio Lower Upper
91 100
126 31.8 0.0 63.4





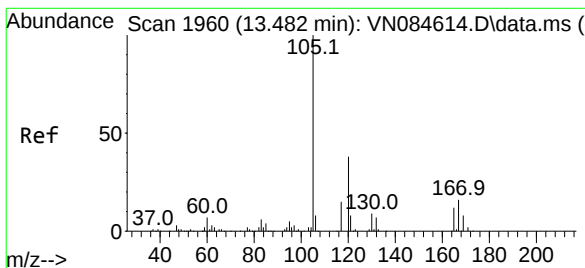
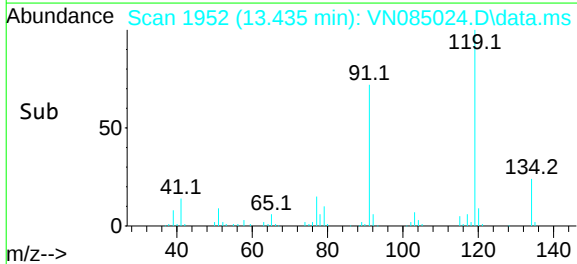
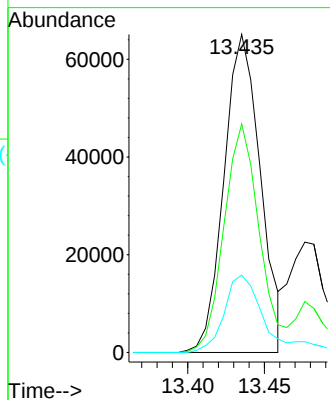
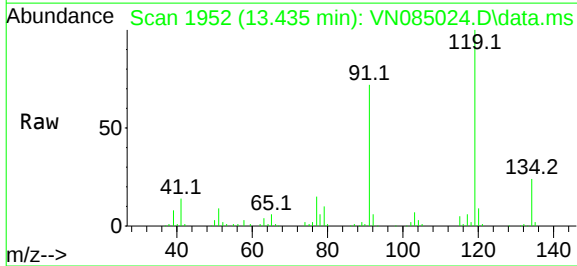
#79
tert-butylbenzene
Concen: 20.773 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tgt Ion:119 Resp: 107715
Ion Ratio Lower Upper
119 100
91 69.9 0.0 143.2
134 24.4 0.0 49.4

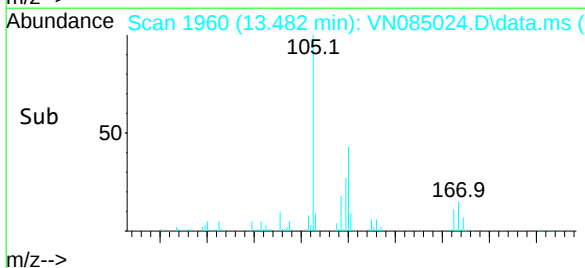
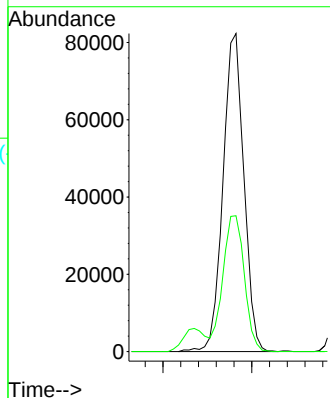
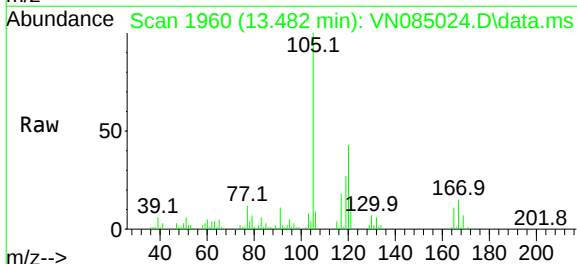
Manual Integrations
APPROVED

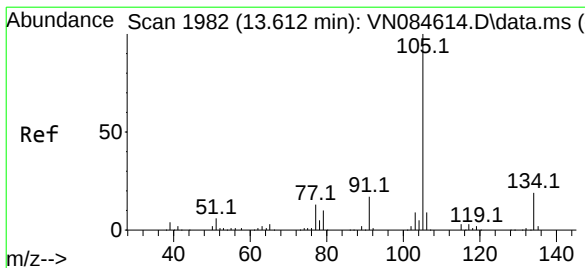
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#80
1,2,4-Trimethylbenzene
Concen: 21.243 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

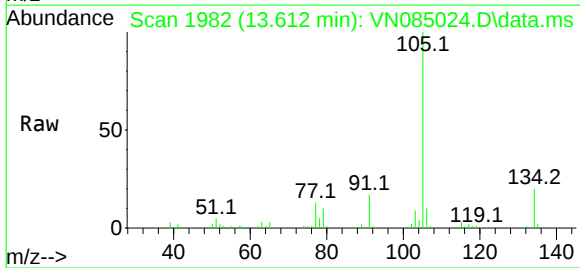
Tgt Ion:105 Resp: 134374
Ion Ratio Lower Upper
105 100
120 43.9 0.0 90.4





#81
sec-Butylbenzene
Concen: 20.596 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

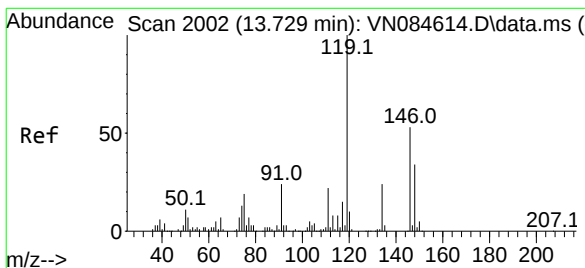
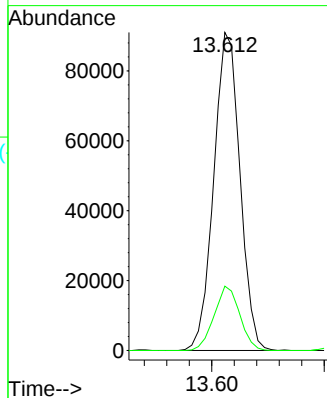
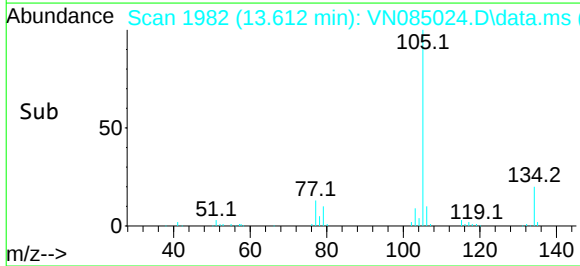
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01



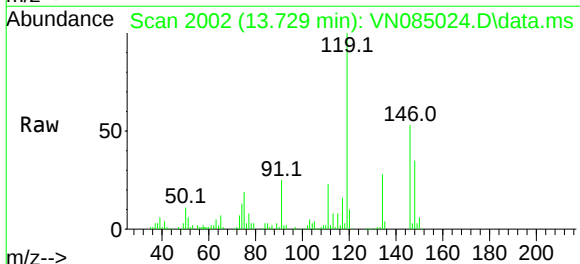
Tgt Ion:105 Resp: 147158
Ion Ratio Lower Upper
105 100
134 19.8 0.0 39.0

Manual Integrations
APPROVED

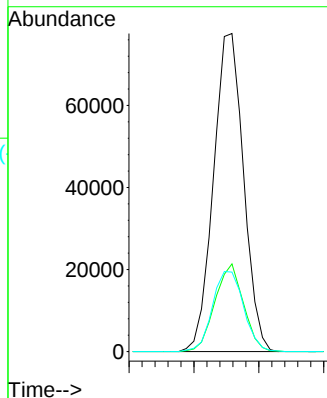
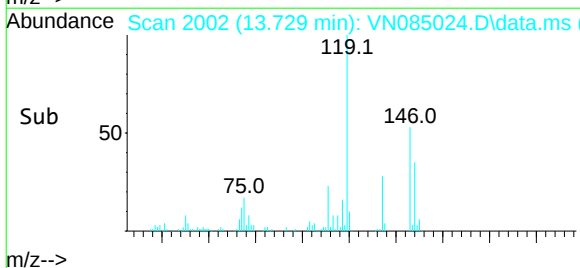
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024

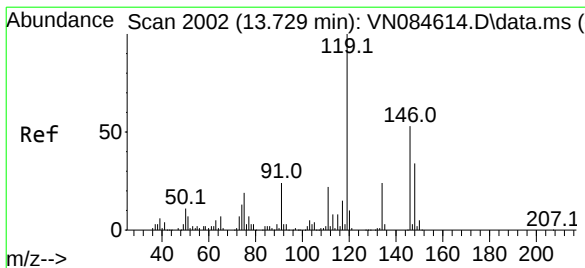


#82
p-Isopropyltoluene
Concen: 20.820 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15



Tgt Ion:119 Resp: 124998
Ion Ratio Lower Upper
119 100
134 26.1 0.0 51.4
91 26.2 0.0 50.4





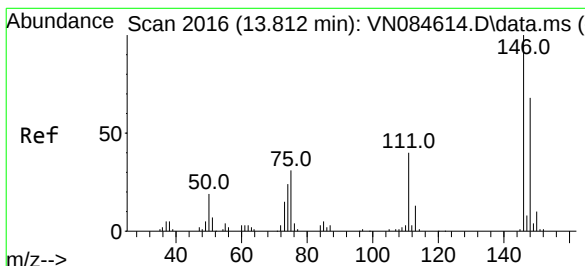
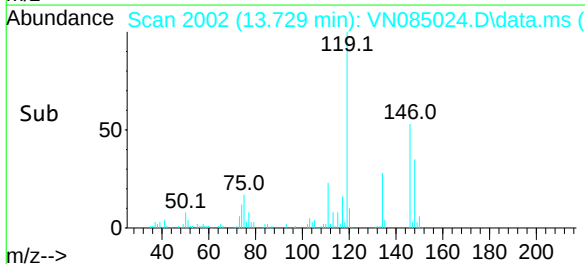
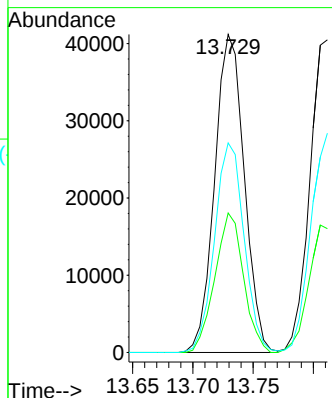
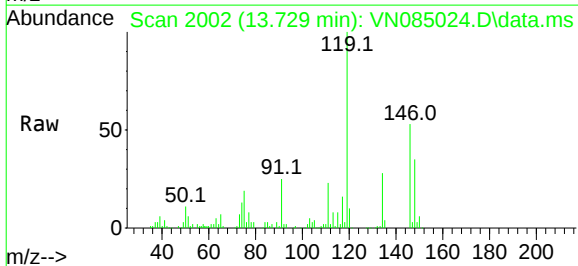
#83
1,3-Dichlorobenzene
Concen: 20.133 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tgt Ion:	146	Resp:	70477
Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.0	63.0
148	65.7	31.3	93.8

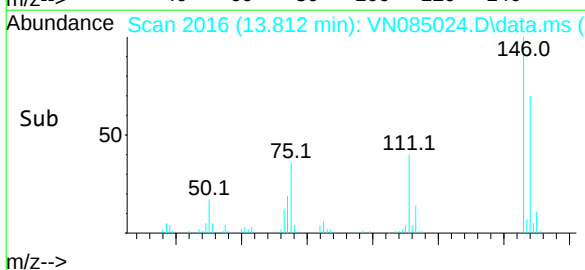
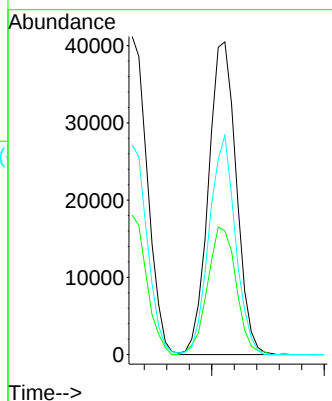
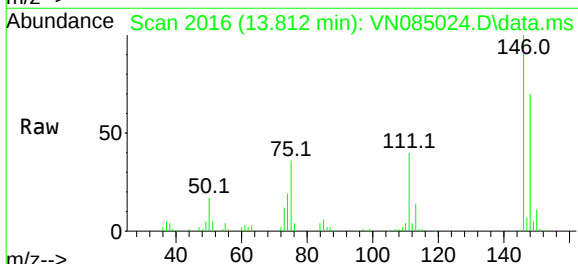
Manual Integrations
APPROVED

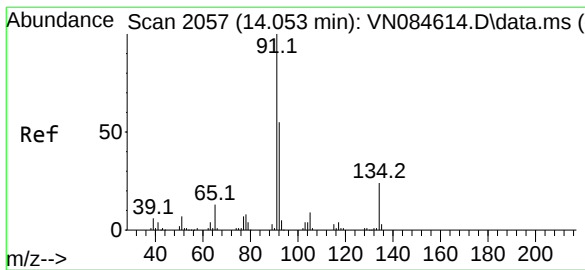
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#84
1,4-Dichlorobenzene
Concen: 20.152 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Tgt Ion:	146	Resp:	69705
Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.2	60.5
148	65.7	32.6	98.0





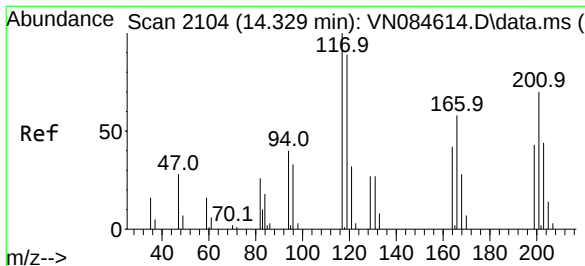
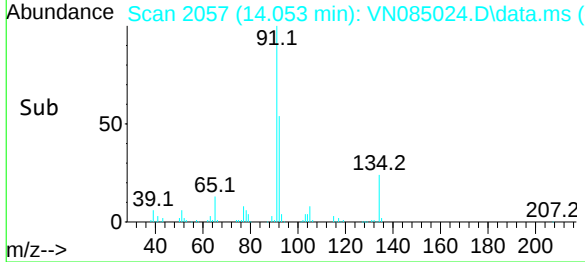
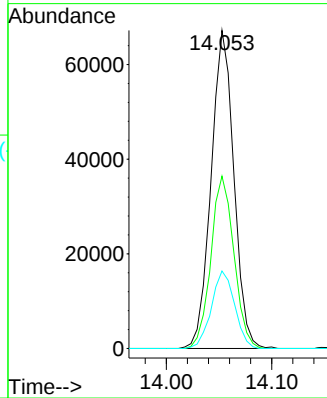
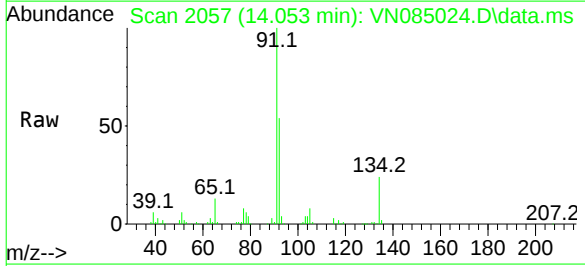
#85
n-Butylbenzene
Concen: 20.024 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tgt Ion:	91	Resp:	100967
Ion	Ratio	Lower	Upper
91	100		
92	54.8	0.0	106.2
134	24.9	0.0	48.2

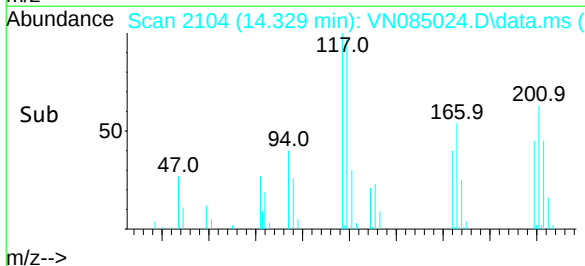
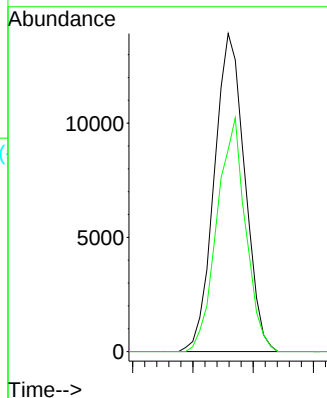
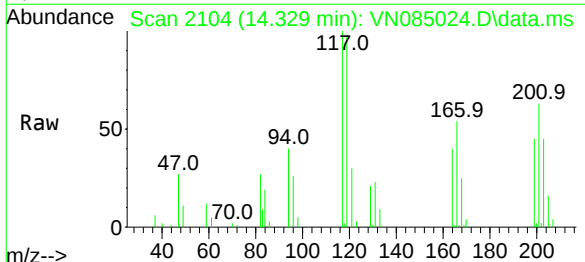
Manual Integrations
APPROVED

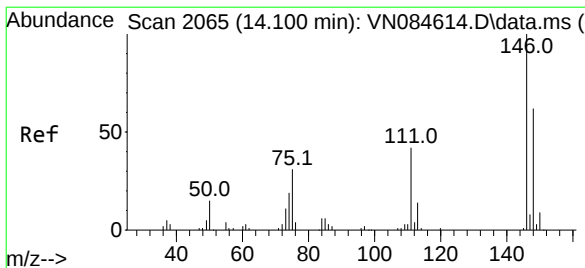
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#86
Hexachloroethane
Concen: 19.945 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Tgt Ion:	117	Resp:	24489
Ion	Ratio	Lower	Upper
117	100		
201	69.1	34.4	103.3





#87

1,2-Dichlorobenzene

Concen: 20.199 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN085024.D

Acq: 25 Nov 2024 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

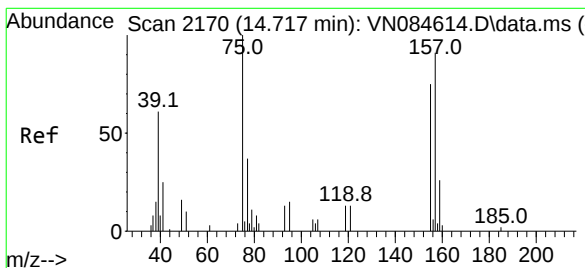
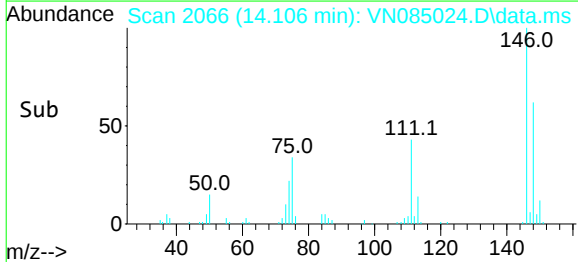
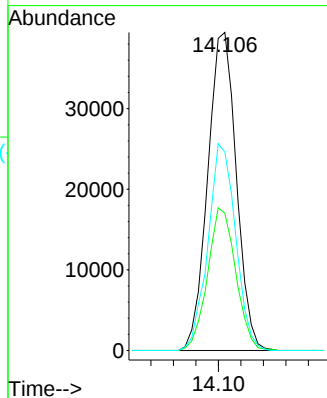
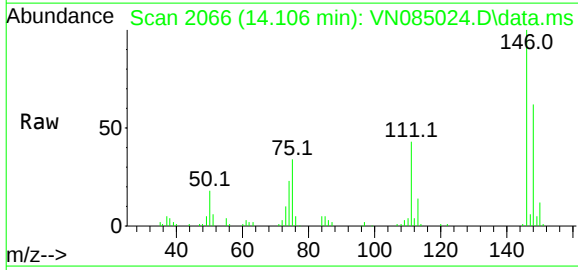
Tgt Ion:	146	Resp:	69674
Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.4	67.0
148	62.9	32.6	98.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/26/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.581 ug/l

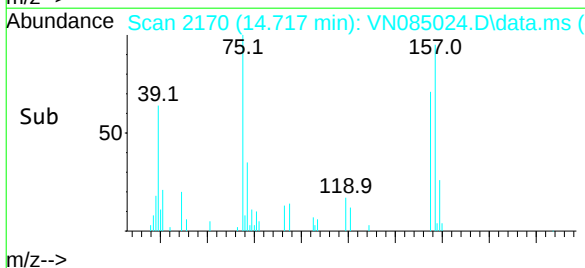
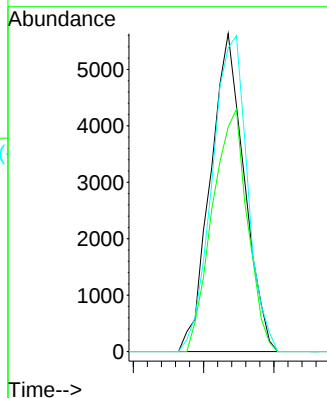
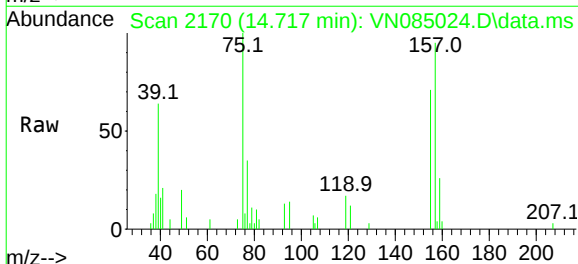
RT: 14.717 min Scan# 2170

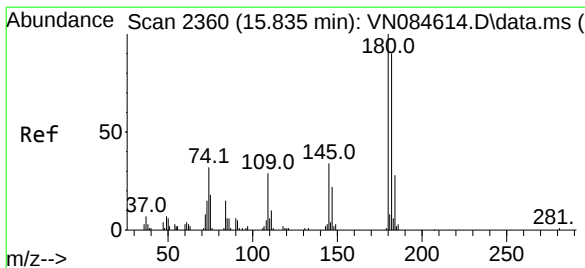
Delta R.T. -0.000 min

Lab File: VN085024.D

Acq: 25 Nov 2024 12:15

Tgt Ion:	75	Resp:	9446
Ion	Ratio	Lower	Upper
75	100		
155	78.4	61.8	92.6
157	103.3	74.7	112.1





#89

1,2,4-Trichlorobenzene

Concen: 20.856 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085024.D

Acq: 25 Nov 2024 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

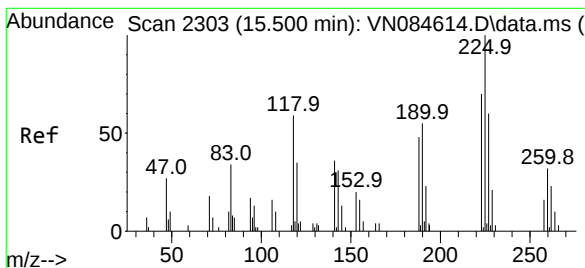
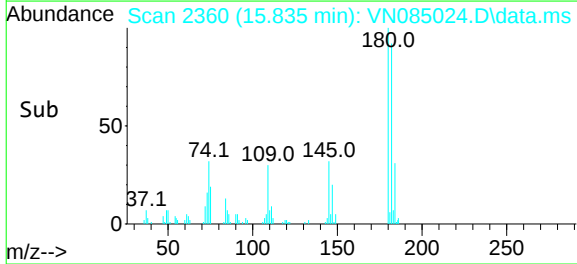
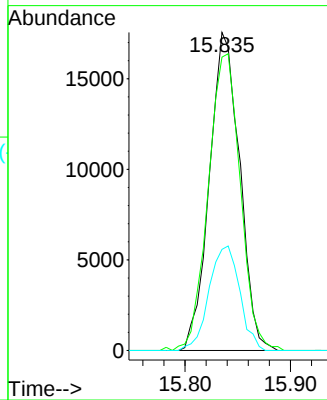
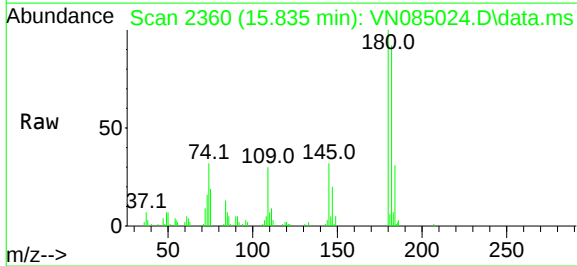
Tgt Ion:	180	Resp:	35029
Ion Ratio	Lower	Upper	
180	100		
182	98.6	73.0	109.6
145	33.2	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/26/2024



#90

Hexachlorobutadiene

Concen: 21.922 ug/l

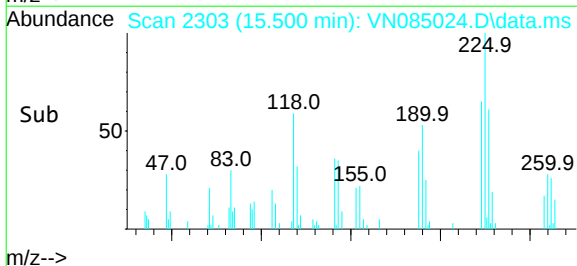
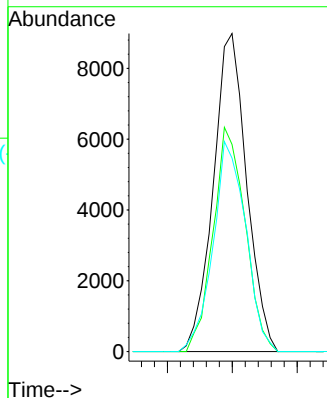
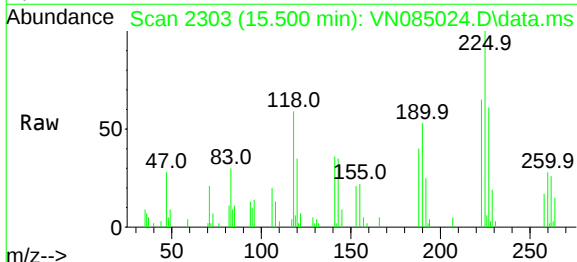
RT: 15.500 min Scan# 2303

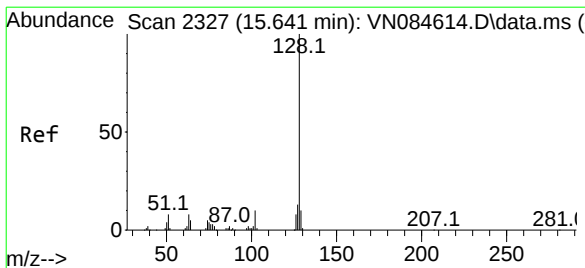
Delta R.T. 0.000 min

Lab File: VN085024.D

Acq: 25 Nov 2024 12:15

Tgt Ion:	225	Resp:	16083
Ion Ratio	Lower	Upper	
225	100		
223	67.5	0.0	138.8
227	64.6	0.0	123.2





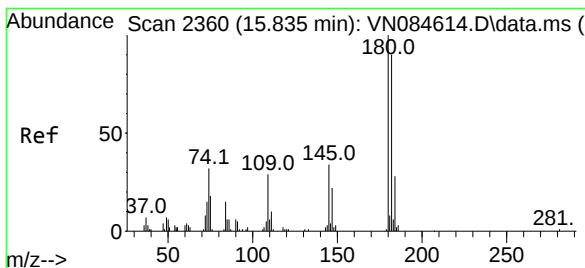
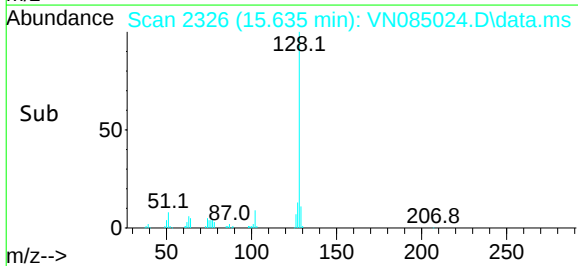
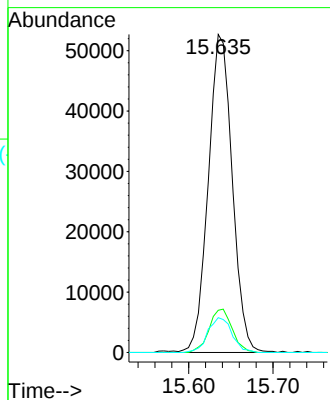
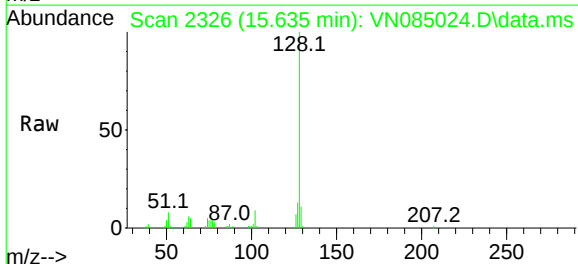
#91
Naphthalene
Concen: 19.401 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tgt Ion:128 Resp: 104066
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.6 12.8

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 20.856 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085024.D
Acq: 25 Nov 2024 12:15

Tgt Ion:180 Resp: 35029
Ion Ratio Lower Upper
180 100
182 98.6 0.0 182.6
145 33.2 0.0 66.2

