

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012925\
 Data File : VN085551.D
 Acq On : 29 Jan 2025 12:30
 Operator : JC\MD
 Sample : VN0129WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBS01

Quant Time: Jan 30 00:31:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/30/2025
 Supervised By : Mahesh Dadoda 01/30/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	209601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	351459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	156507	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	171860	50.795	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.600%	
35) Dibromofluoromethane	8.165	113	126996	52.085	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.160%	
50) Toluene-d8	10.565	98	459113	52.996	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.000%	
62) 4-Bromofluorobenzene	12.847	95	163742	55.254	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.500%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	46350	16.332	ug/l	97
3) Chloromethane	2.360	50	51817	16.864	ug/l	96
4) Vinyl Chloride	2.513	62	51296	16.609	ug/l	97
5) Bromomethane	2.954	94	31079	16.659	ug/l	99
6) Chloroethane	3.124	64	35147	17.950	ug/l	99
7) Trichlorofluoromethane	3.495	101	82270	18.358	ug/l	99
8) Diethyl Ether	3.959	74	26961	17.415	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	46918	18.588	ug/l	99
10) Methyl Iodide	4.589	142	50486	17.466	ug/l	97
11) Tert butyl alcohol	5.512	59	44455	114.746	ug/l #	83
12) 1,1-Dichloroethene	4.336	96	40485	17.997	ug/l	89
13) Acrolein	4.177	56	38470	72.741	ug/l	100
14) Allyl chloride	5.024	41	62533	17.131	ug/l	99
15) Acrylonitrile	5.712	53	126967	103.177	ug/l	100
16) Acetone	4.424	43	112019	102.469	ug/l	99
17) Carbon Disulfide	4.712	76	104424	15.077	ug/l	99
18) Methyl Acetate	5.024	43	72461	21.798	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	141193	19.330	ug/l	98
20) Methylene Chloride	5.271	84	49750	18.383	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	43039	17.903	ug/l	94
22) Diisopropyl ether	6.671	45	159448	19.680	ug/l	97
23) Vinyl Acetate	6.600	43	537237	94.751	ug/l	99
24) 1,1-Dichloroethane	6.565	63	93875	19.002	ug/l	98
25) 2-Butanone	7.483	43	166690	103.615	ug/l	100
26) 2,2-Dichloropropane	7.483	77	85168	21.323	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	51851	18.312	ug/l	98
28) Bromochloromethane	7.812	49	36776	16.001	ug/l	95
29) Tetrahydrofuran	7.836	42	108650	106.525	ug/l	99
30) Chloroform	7.959	83	97953	19.184	ug/l	99
31) Cyclohexane	8.253	56	70853	16.501	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	86797	19.380	ug/l	97
36) 1,1-Dichloropropene	8.371	75	62579	18.287	ug/l	99
37) Ethyl Acetate	7.553	43	69495	20.120	ug/l	97
38) Carbon Tetrachloride	8.359	117	76352	19.489	ug/l	99
39) Methylcyclohexane	9.594	83	55093	17.132	ug/l	96
40) Benzene	8.600	78	199602	19.413	ug/l	98

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	35881	19.967	ug/l	98
42) 1,2-Dichloroethane	8.665	62	77457	20.002	ug/l	99
43) Isopropyl Acetate	8.689	43	114457	20.680	ug/l	98
44) Trichloroethene	9.347	130	45202	18.886	ug/l	98
45) 1,2-Dichloropropane	9.624	63	51454	19.591	ug/l	97
46) Dibromomethane	9.706	93	35894	18.941	ug/l	96
47) Bromodichloromethane	9.883	83	79684	20.639	ug/l	96
48) Methyl methacrylate	9.677	41	49608	19.917	ug/l	98
49) 1,4-Dioxane	9.694	88	19127	456.023	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	355666	110.742	ug/l	99
52) Toluene	10.630	92	121981	20.475	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	73781	20.222	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	76573	19.648	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	48573	20.602	ug/l	95
56) Ethyl methacrylate	10.871	69	66949	18.136	ug/l	98
57) 1,3-Dichloropropane	11.159	76	83319	20.323	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	131853	88.125	ug/l	100
59) 2-Hexanone	11.194	43	257774	114.068	ug/l	99
60) Dibromochloromethane	11.353	129	57964	20.364	ug/l	99
61) 1,2-Dibromoethane	11.465	107	47182	20.104	ug/l	96
64) Tetrachloroethene	11.100	164	41303	19.355	ug/l	96
65) Chlorobenzene	11.888	112	132226	19.282	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	50102	19.907	ug/l	99
67) Ethyl Benzene	11.959	91	213467	19.113	ug/l	98
68) m/p-Xylenes	12.071	106	164888	39.945	ug/l	100
69) o-Xylene	12.394	106	76089	19.288	ug/l	97
70) Styrene	12.406	104	131635	20.163	ug/l	99
71) Bromoform	12.577	173	38916	21.610	ug/l #	97
73) Isopropylbenzene	12.694	105	195492	18.507	ug/l	100
74) N-amyl acetate	12.488	43	89626	18.877	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	72950	19.551	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	68563m	21.554	ug/l	
77) Bromobenzene	12.977	156	51702	18.735	ug/l	98
78) n-propylbenzene	13.035	91	236875	18.943	ug/l	99
79) 2-Chlorotoluene	13.124	91	152450	18.837	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	170270	19.515	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	23443m	19.939	ug/l	
82) 4-Chlorotoluene	13.218	91	155061	19.243	ug/l	100
83) tert-Butylbenzene	13.435	119	134399	18.343	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	171306	19.699	ug/l	97
85) sec-Butylbenzene	13.612	105	191783	18.886	ug/l	98
86) p-Isopropyltoluene	13.729	119	157547	18.681	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	97536	19.191	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	95449	18.119	ug/l	99
89) n-Butylbenzene	14.053	91	127980	17.567	ug/l	99
90) Hexachloroethane	14.329	117	35454	18.339	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	93880	18.519	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	14729	21.617	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	41183	17.479	ug/l	99
94) Hexachlorobutadiene	15.500	225	22674	18.126	ug/l	98
95) Naphthalene	15.641	128	119085	16.937	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	41222	17.291	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

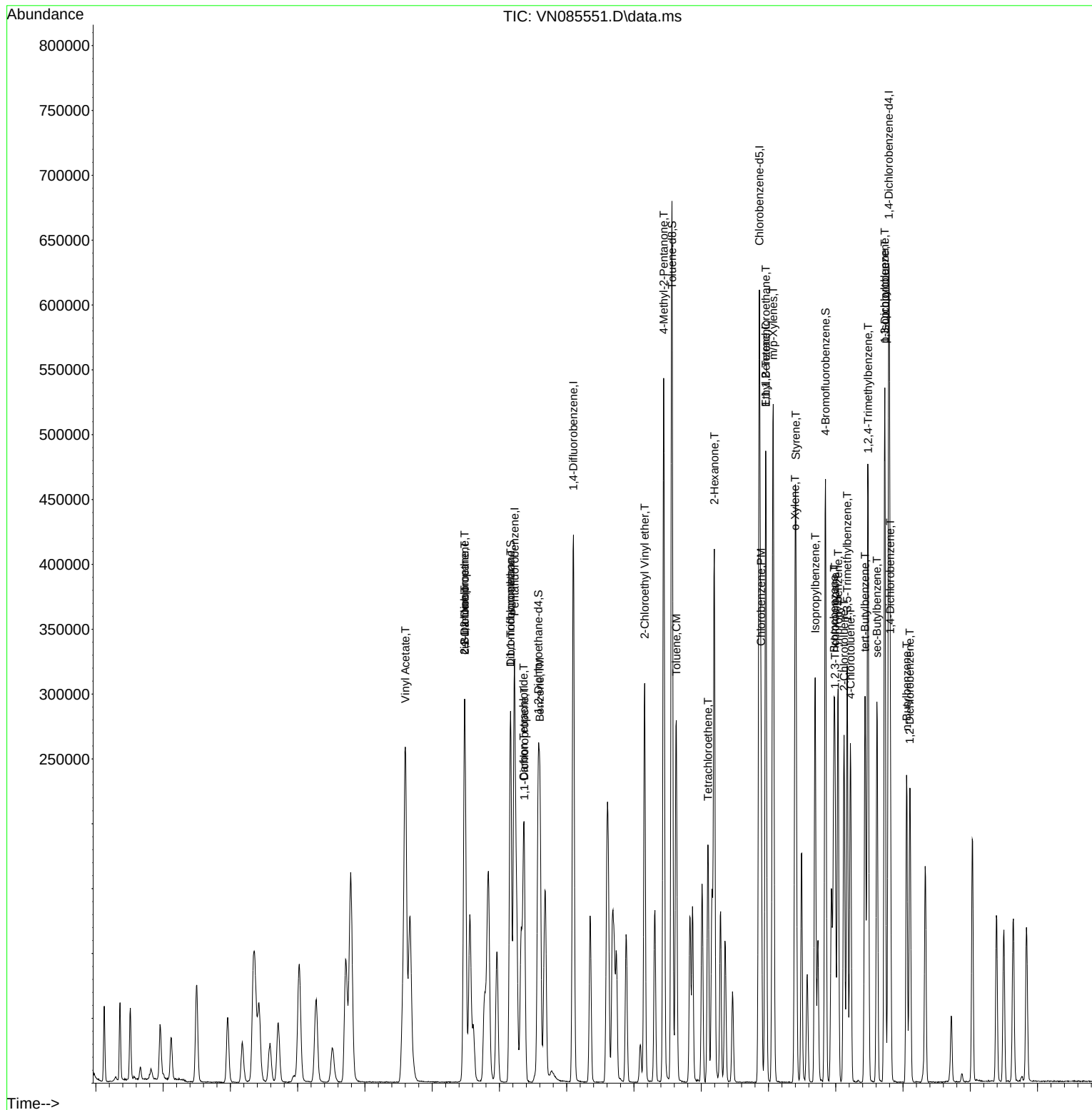
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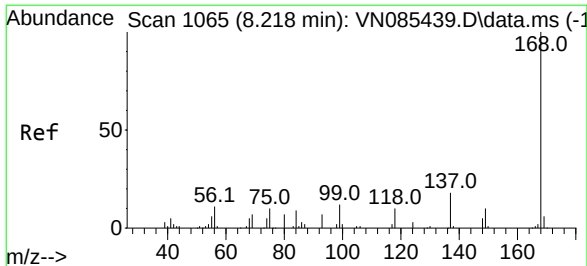
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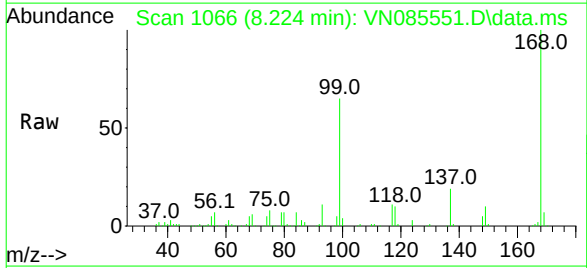
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085551.D
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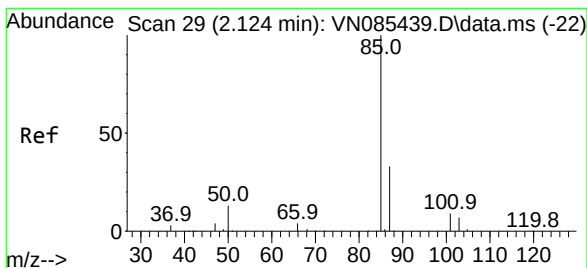
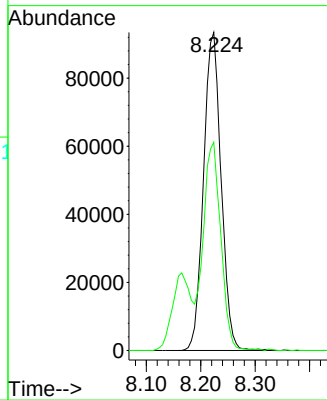
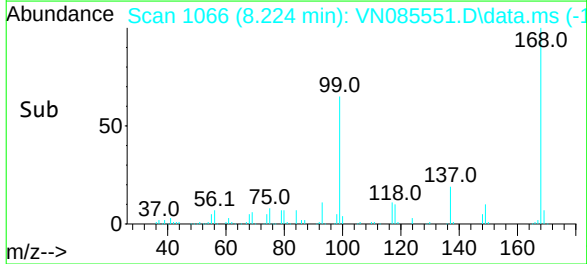
Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01



Tgt Ion:168 Resp: 209601
Ion Ratio Lower Upper
168 100
99 65.5 53.6 80.4

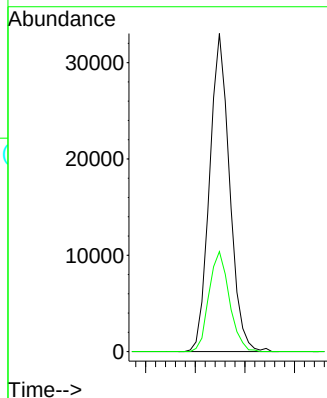
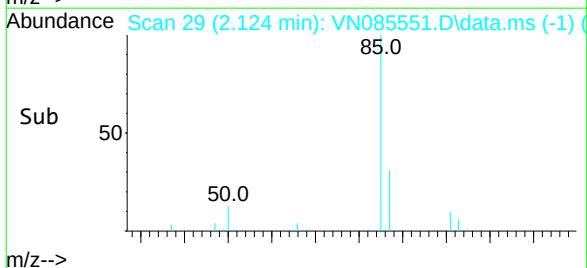
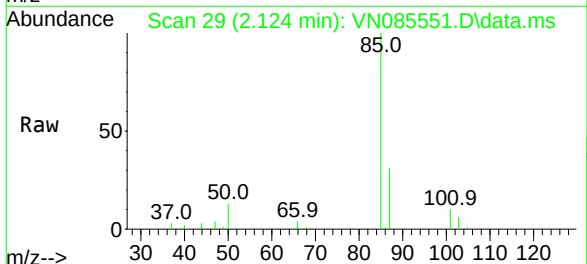
Manual Integrations
APPROVED

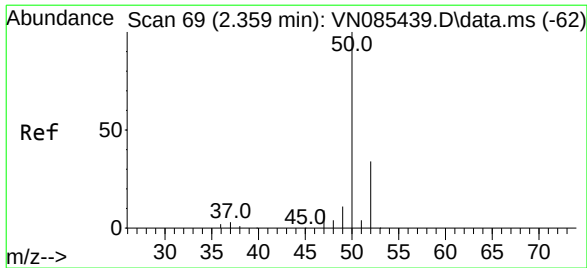
Reviewed By :John Carlone 01/30/2025
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#2
Dichlorodifluoromethane
Concen: 16.332 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

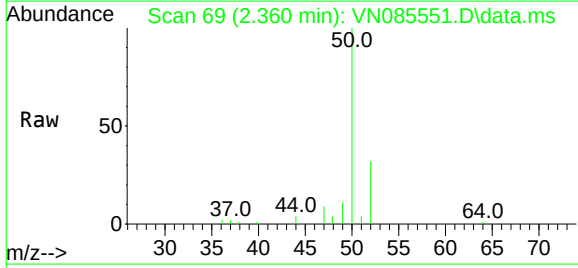
Tgt Ion: 85 Resp: 46350
Ion Ratio Lower Upper
85 100
87 31.4 16.7 50.1





#3
Chloromethane
Concen: 16.864 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

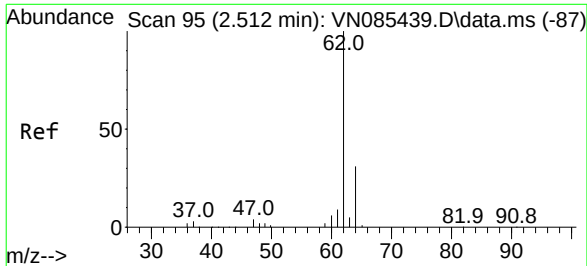
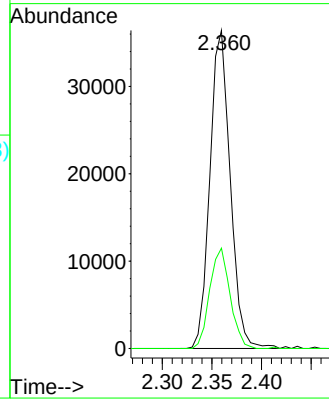
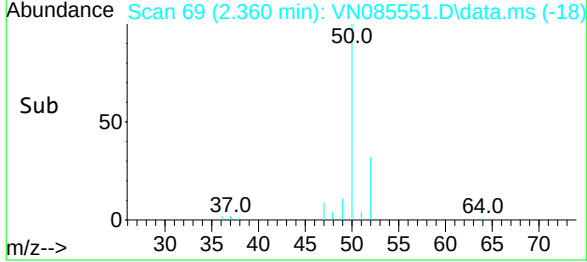
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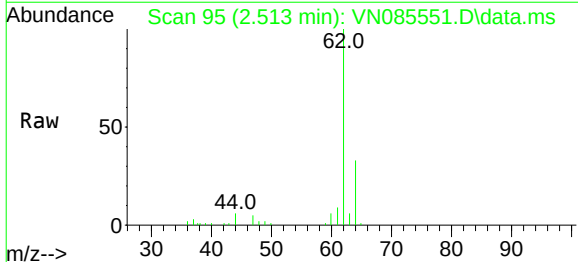
Tgt Ion: 50 Resp: 51817
Ion Ratio Lower Upper
50 100
52 31.6 27.0 40.6

Manual Integrations
APPROVED

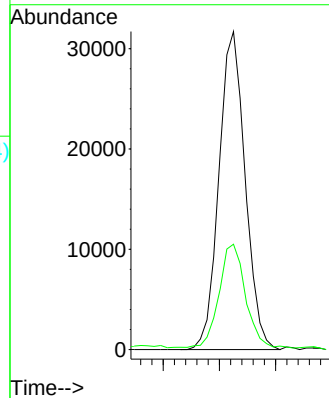
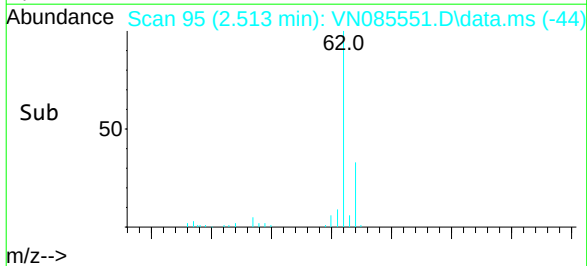
Reviewed By :John Carlone 01/30/2025
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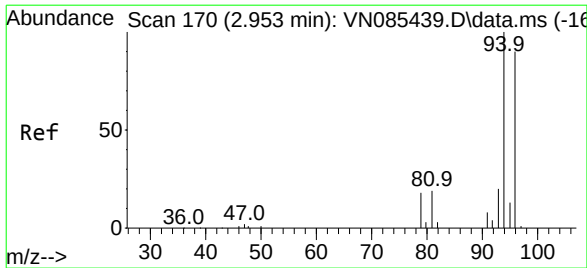


#4
Vinyl Chloride
Concen: 16.609 ug/l
RT: 2.513 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30



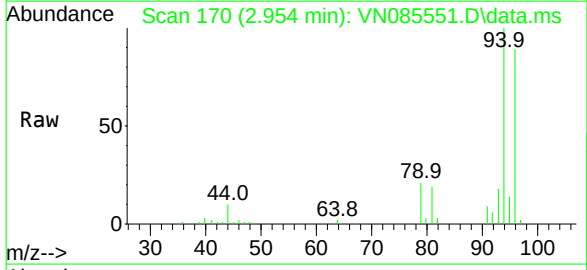
Tgt Ion: 62 Resp: 51296
Ion Ratio Lower Upper
62 100
64 32.4 24.8 37.2





#5
Bromomethane
Concen: 16.659 ug/l
RT: 2.954 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

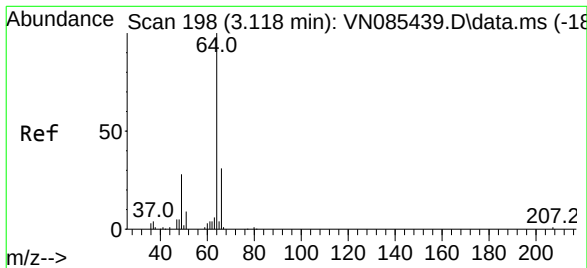
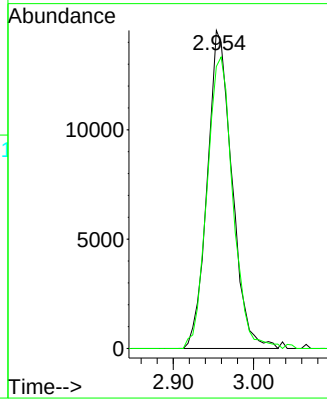
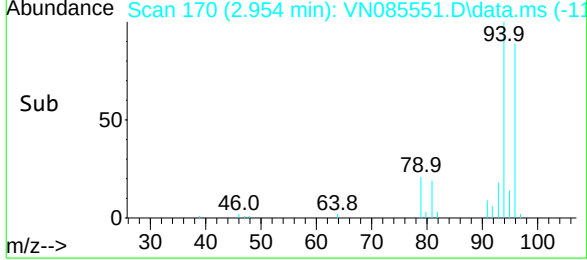
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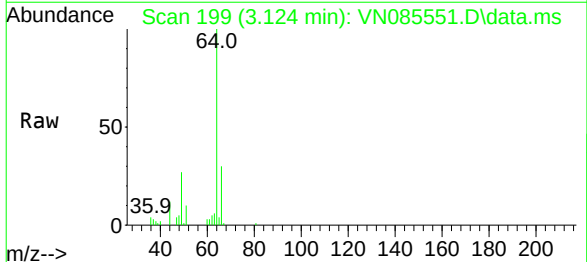
Tgt Ion: 94 Resp: 31079
Ion Ratio Lower Upper
94 100
96 88.7 71.8 107.6

Manual Integrations
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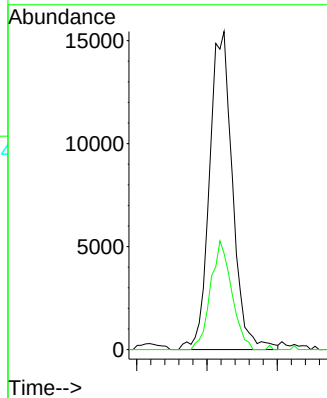
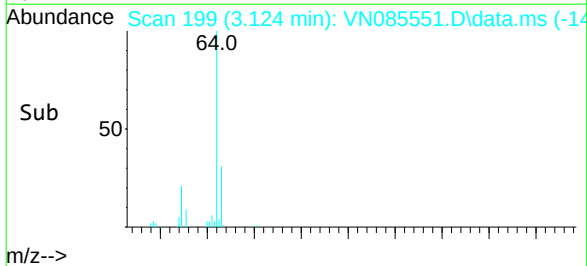
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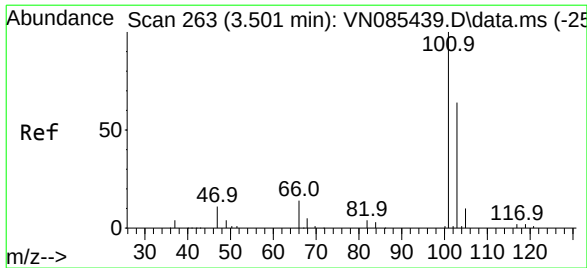


#6
Chloroethane
Concen: 17.950 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30



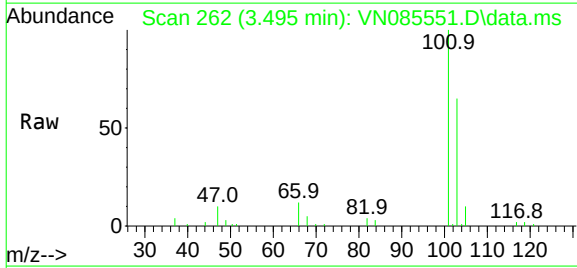
Tgt Ion: 64 Resp: 35147
Ion Ratio Lower Upper
64 100
66 30.3 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 18.358 ug/l
 RT: 3.495 min Scan# 263
 Delta R.T. -0.006 min
 Lab File: VN085551.D
 Acq: 29 Jan 2025 12:30

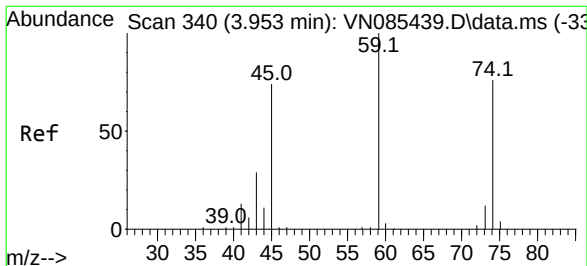
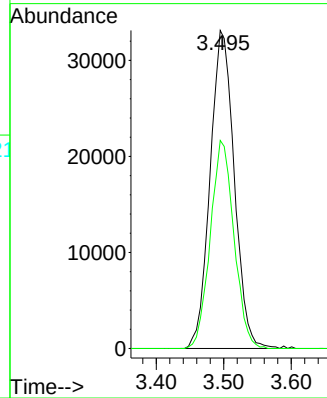
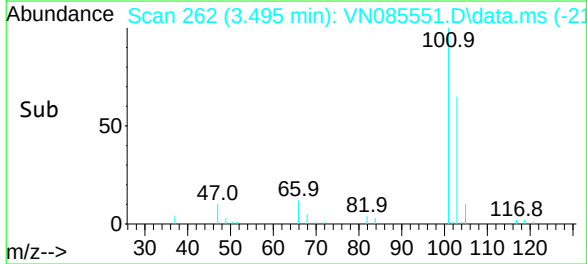
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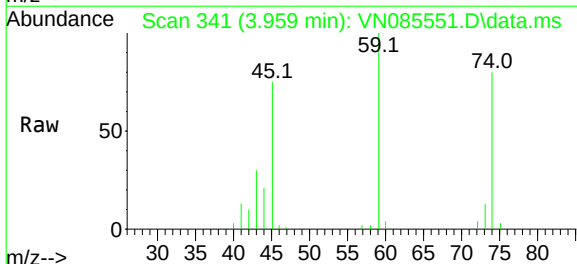
Tgt Ion: 101 Resp: 82270
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.4 77.2

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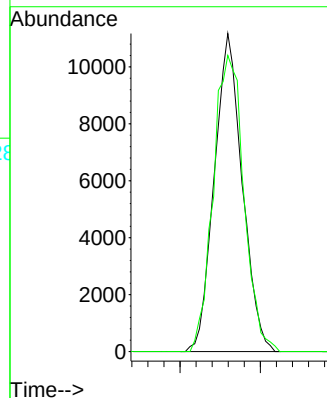
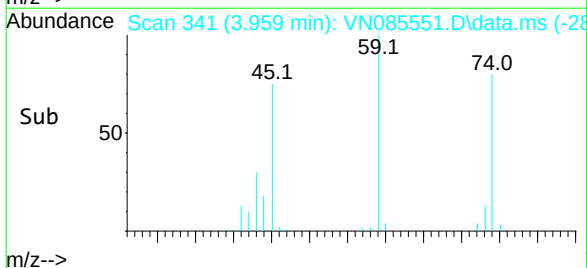
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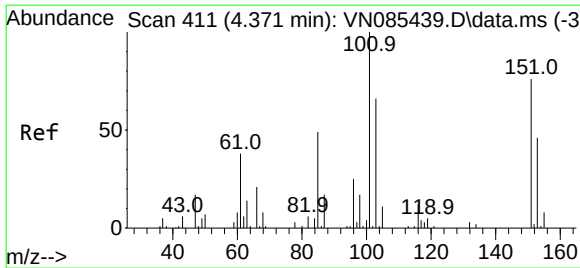


#8
 Diethyl Ether
 Concen: 17.415 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085551.D
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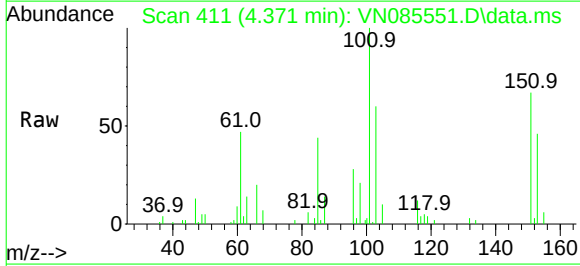
Tgt Ion: 74 Resp: 26961
 Ion Ratio Lower Upper
 74 100
 45 102.3 49.7 149.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.588 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

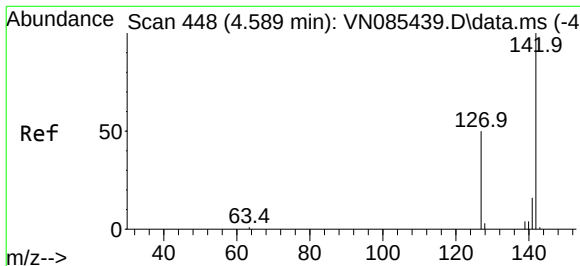
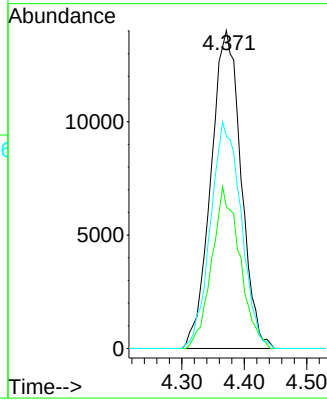
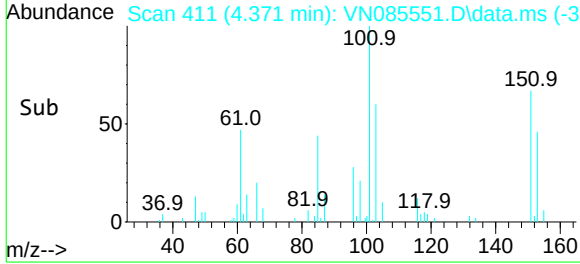
Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01



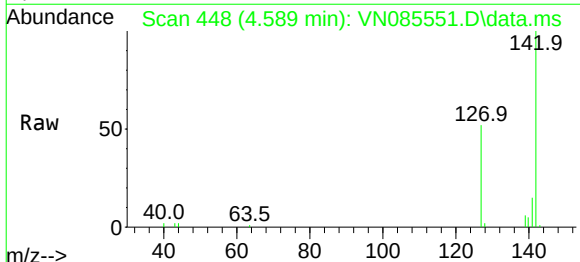
Tgt Ion:101 Resp: 46918
Ion Ratio Lower Upper
101 100
85 47.4 37.8 56.8
151 72.6 58.8 88.2

Manual Integrations
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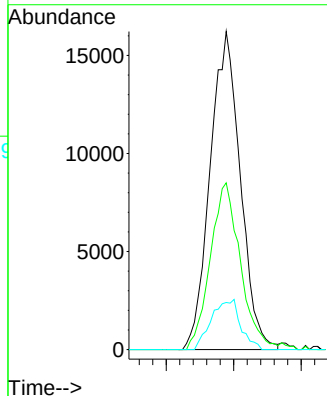
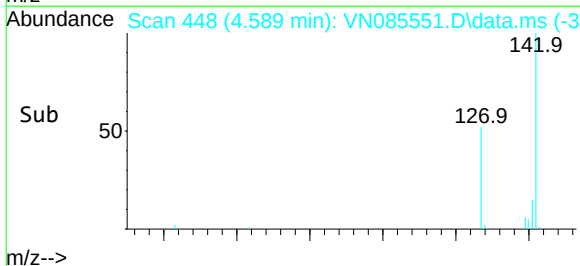
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

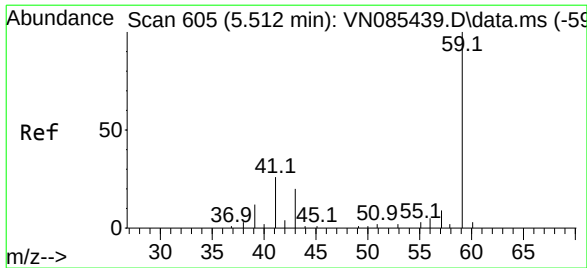


#10
Methyl Iodide
Concen: 17.466 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30



Tgt Ion:142 Resp: 50486
Ion Ratio Lower Upper
142 100
127 52.4 40.3 60.5
141 14.8 12.8 19.2





#11

Tert butyl alcohol

Concen: 114.746 ug/l

RT: 5.512 min Scan# 605

Delta R.T. 0.000 min

Lab File: VN085551.D

Acq: 29 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBS01

Tgt Ion: 59 Resp: 44455

Ion Ratio Lower Upper

59 100

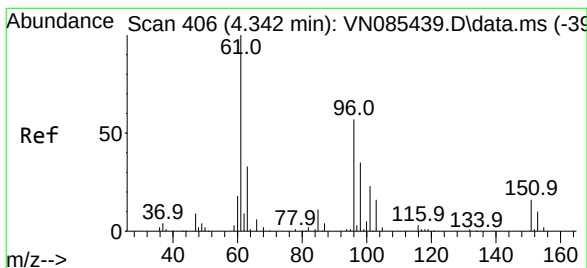
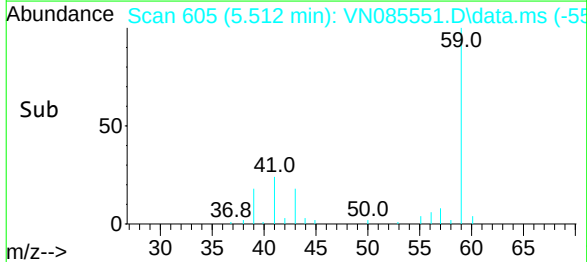
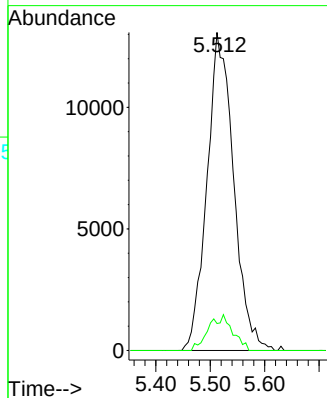
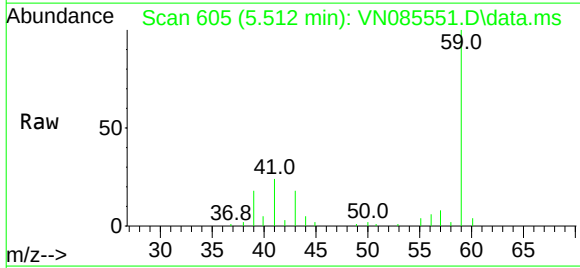
57 4.5 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#12

1,1-Dichloroethene

Concen: 17.997 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.006 min

Lab File: VN085551.D

Acq: 29 Jan 2025 12:30

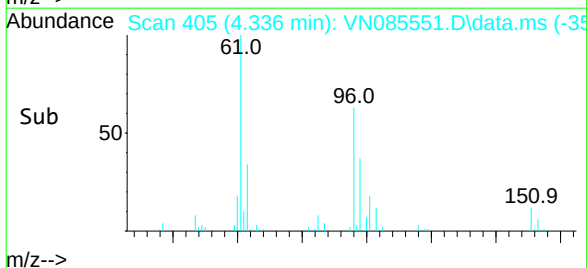
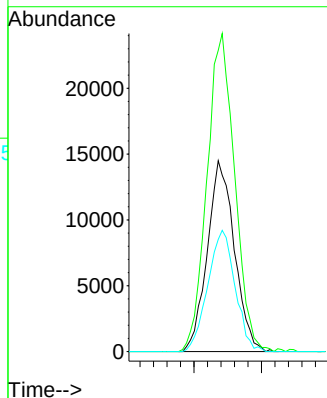
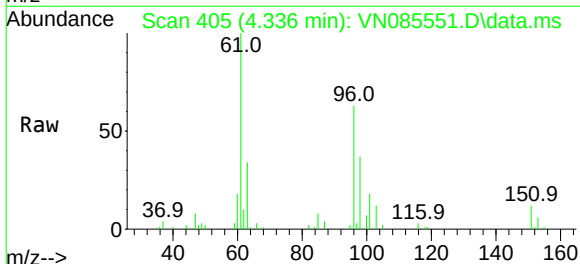
Tgt Ion: 96 Resp: 40485

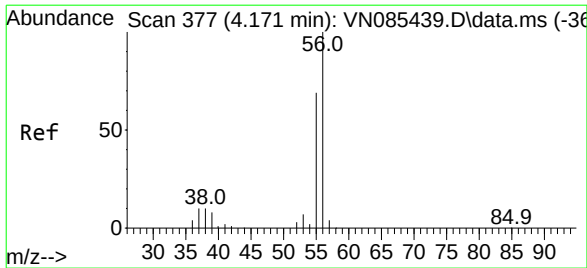
Ion Ratio Lower Upper

96 100

61 157.8 141.0 211.4

98 58.7 49.0 73.6





#13

Acrolein

Concen: 72.741 ug/l

RT: 4.177 min Scan# 37

Delta R.T. 0.006 min

Lab File: VN085551.D

Acq: 29 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBS01

Tgt Ion: 56 Resp: 38470

Ion Ratio Lower Upper

56 100

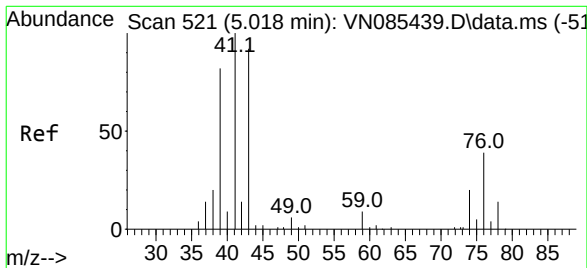
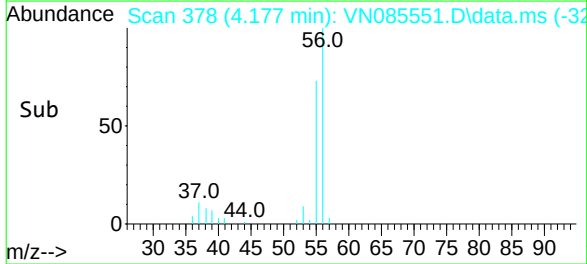
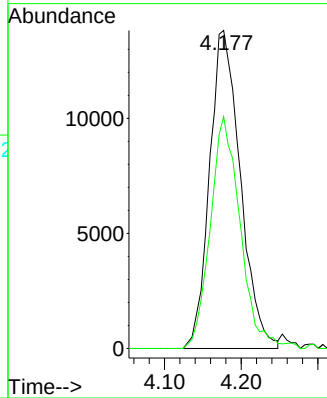
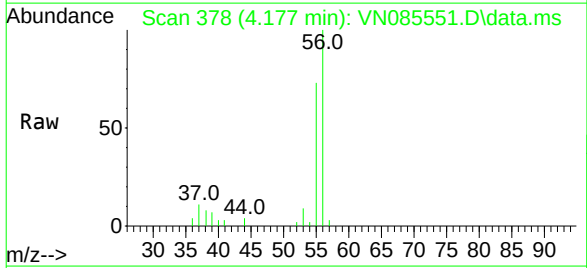
55 70.4 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#14

Allyl chloride

Concen: 17.131 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085551.D

Acq: 29 Jan 2025 12:30

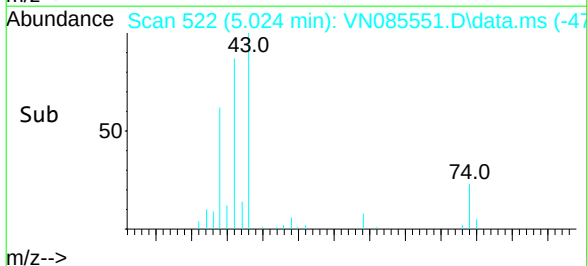
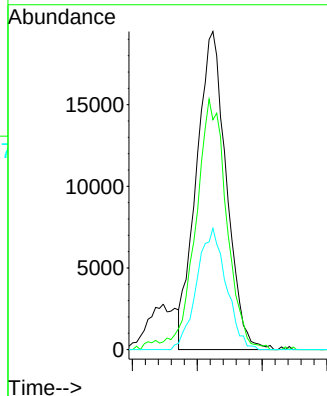
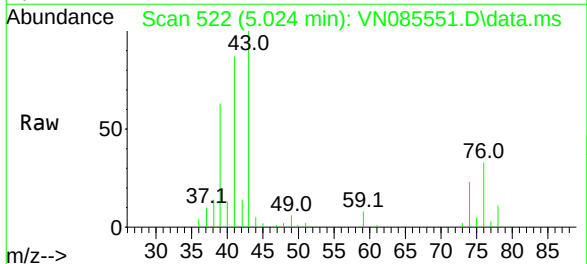
Tgt Ion: 41 Resp: 62533

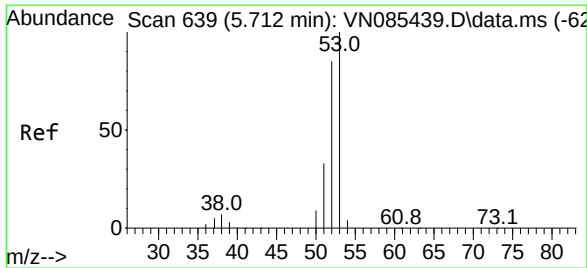
Ion Ratio Lower Upper

41 100

39 81.9 64.4 96.6

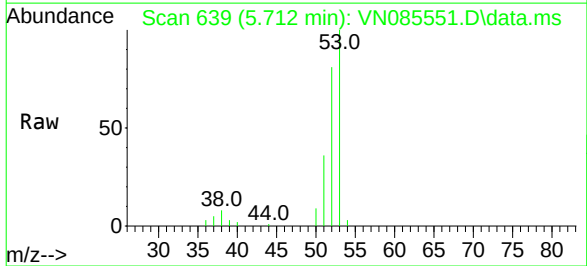
76 37.3 30.5 45.7





#15
Acrylonitrile
Concen: 103.177 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

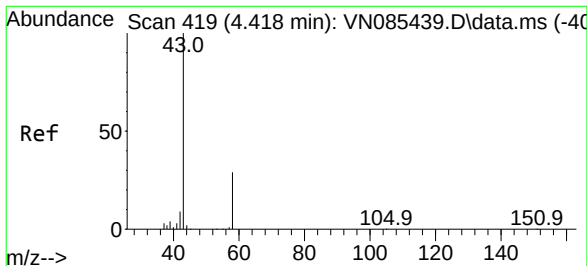
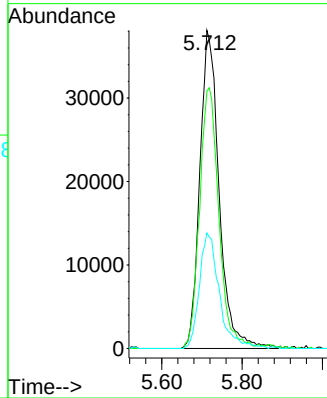
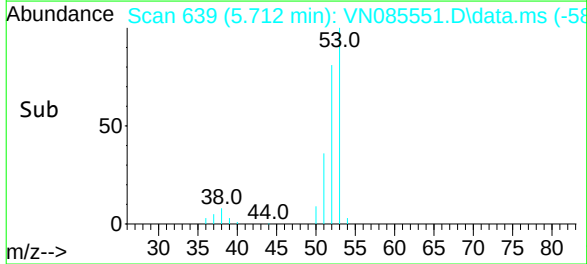
Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01



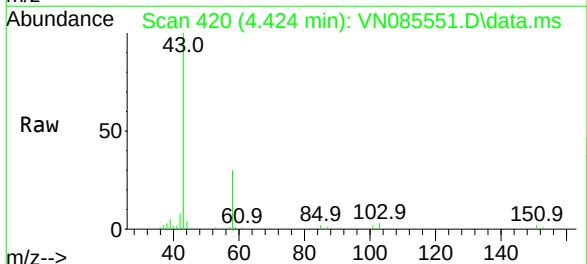
Tgt Ion: 53 Resp: 126967
Ion Ratio Lower Upper
53 100
52 81.9 65.5 98.3
51 37.7 29.8 44.8

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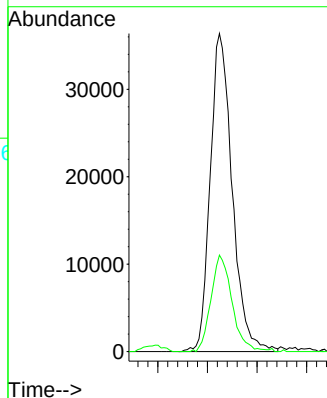
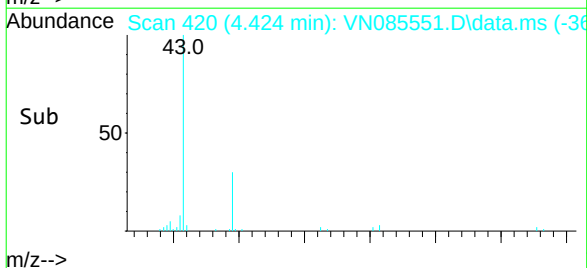
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

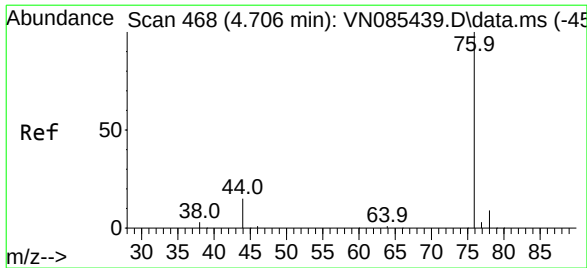


#16
Acetone
Concen: 102.469 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30



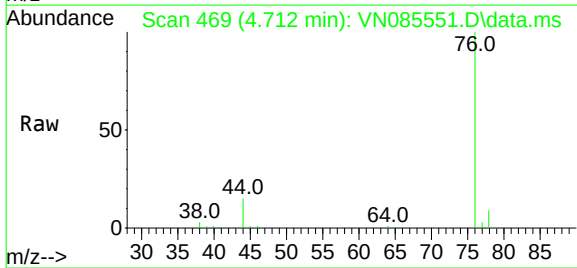
Tgt Ion: 43 Resp: 112019
Ion Ratio Lower Upper
43 100
58 30.3 23.8 35.6





#17
Carbon Disulfide
Concen: 15.077 ug/l
RT: 4.712 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

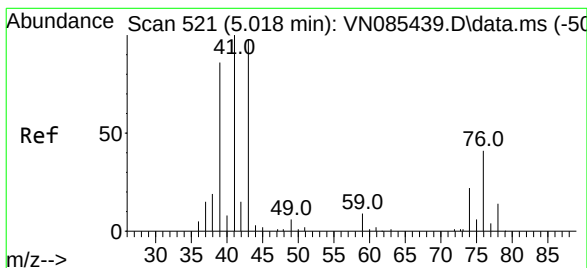
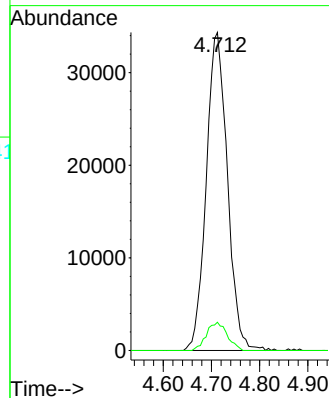
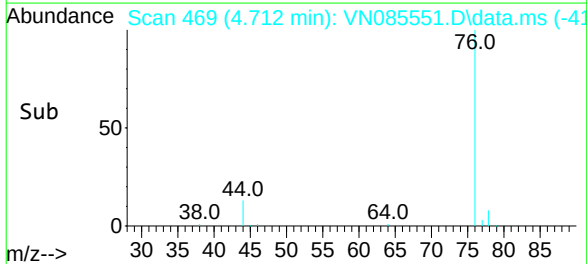
Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01



Tgt Ion: 76 Resp: 104424
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3

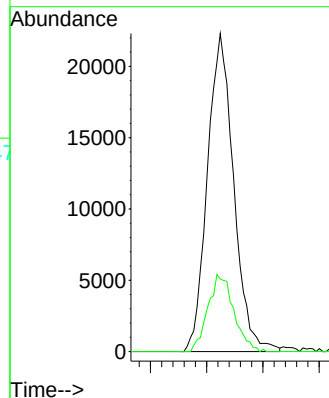
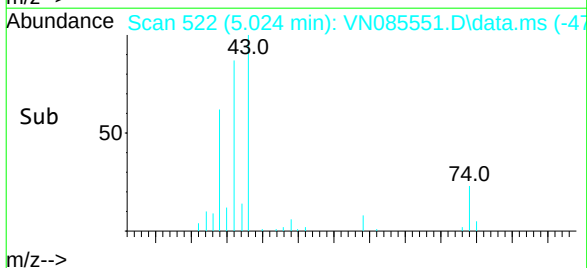
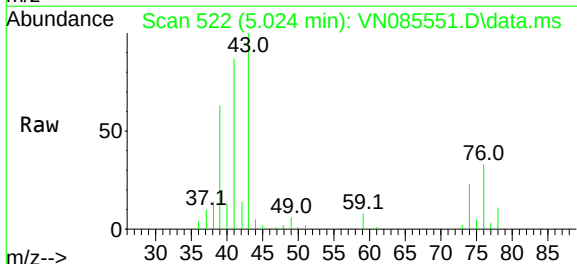
Manual Integrations
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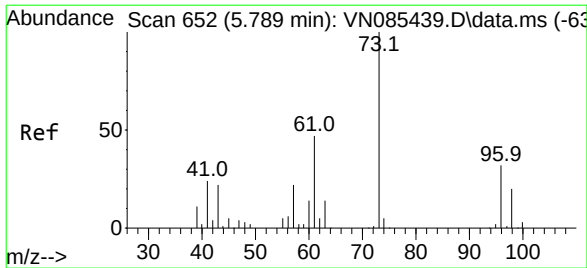
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#18
Methyl Acetate
Concen: 21.798 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Tgt Ion: 43 Resp: 72461
Ion Ratio Lower Upper
43 100
74 23.8 18.6 28.0





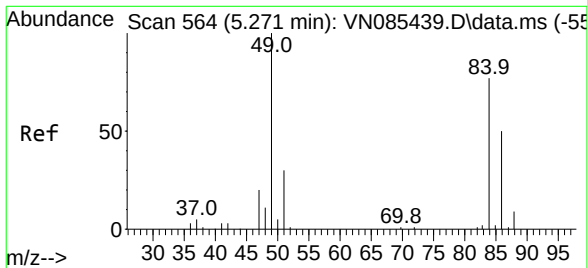
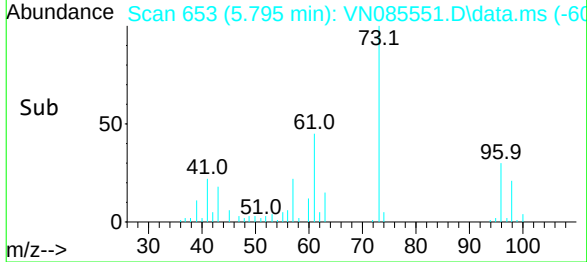
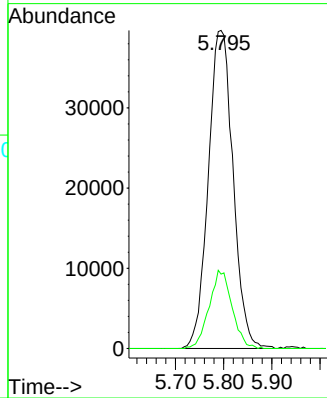
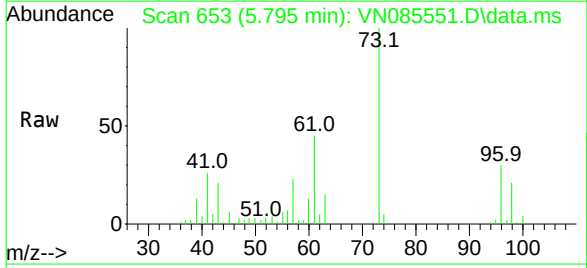
#19
Methyl tert-butyl Ether
Concen: 19.330 ug/l
RT: 5.795 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tgt Ion: 73 Resp: 141193
Ion Ratio Lower Upper
73 100
57 23.4 17.8 26.8

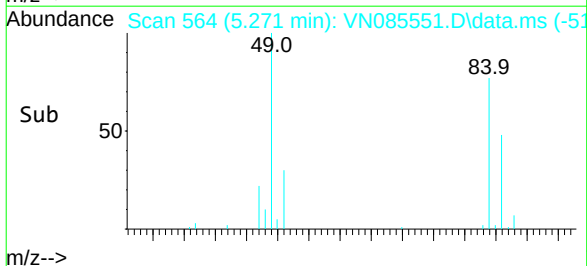
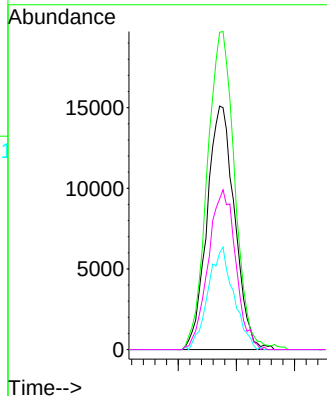
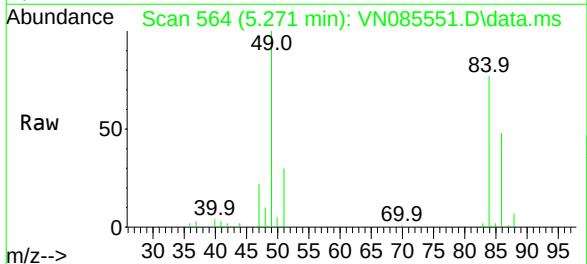
Manual Integrations
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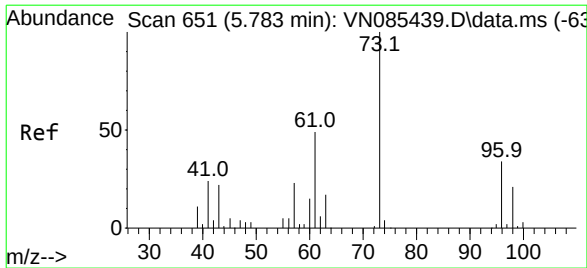
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#20
Methylene Chloride
Concen: 18.383 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Tgt Ion: 84 Resp: 49750
Ion Ratio Lower Upper
84 100
49 130.3 104.1 156.1
51 39.7 31.0 46.4
86 61.9 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 17.903 ug/l

RT: 5.783 min Scan# 651

Delta R.T. 0.000 min

Lab File: VN085551.D

Acq: 29 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBS01

Tgt Ion: 96 Resp: 43039

Ion Ratio Lower Upper

96 100

61 141.5 115.7 173.5

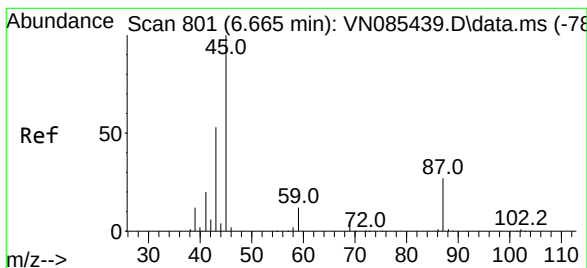
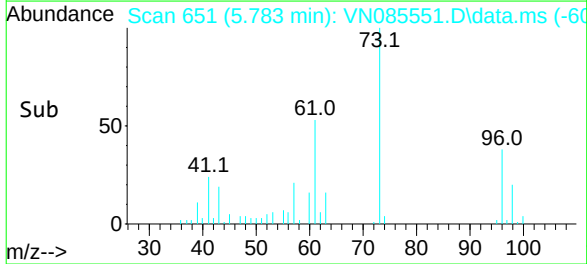
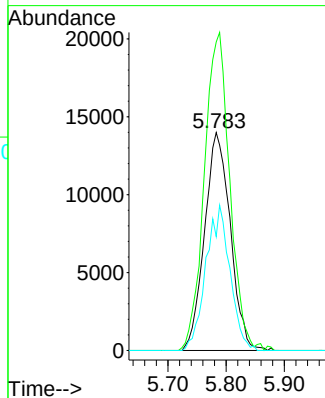
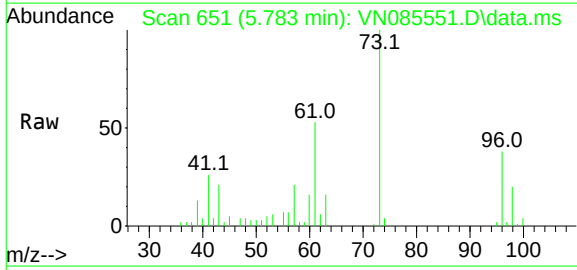
98 52.3 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#22

Diisopropyl ether

Concen: 19.680 ug/l

RT: 6.671 min Scan# 802

Delta R.T. 0.006 min

Lab File: VN085551.D

Acq: 29 Jan 2025 12:30

Tgt Ion: 45 Resp: 159448

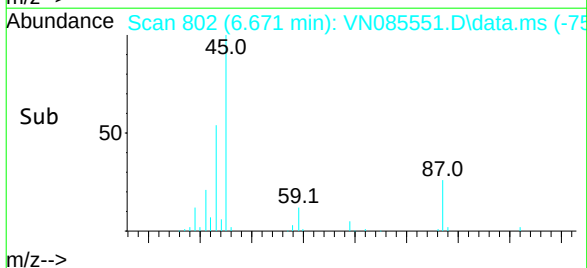
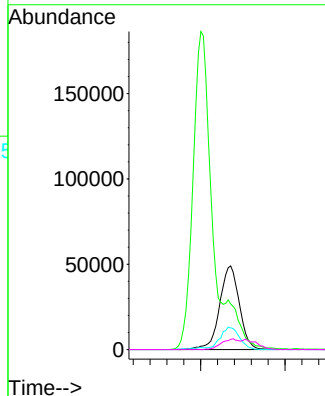
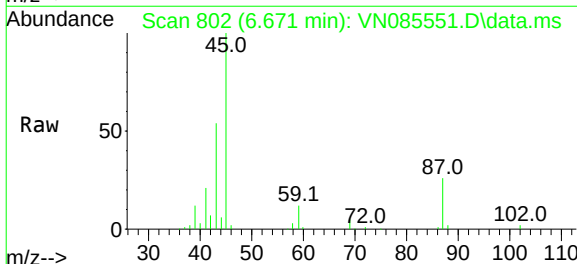
Ion Ratio Lower Upper

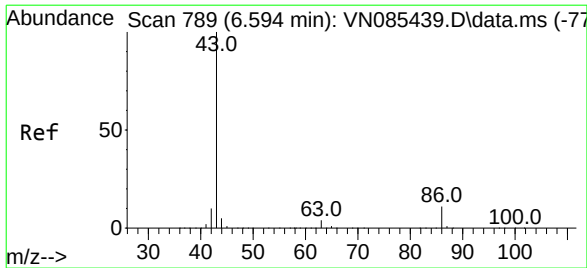
45 100

43 53.4 45.0 67.6

87 25.9 21.8 32.8

59 12.2 10.2 15.2





#23

Vinyl Acetate

Concen: 94.751 ug/l

RT: 6.600 min Scan# 79

Delta R.T. 0.006 min

Lab File: VN085551.D

Acq: 29 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBS01

Tgt Ion: 43 Resp: 537237

Ion Ratio Lower Upper

43 100

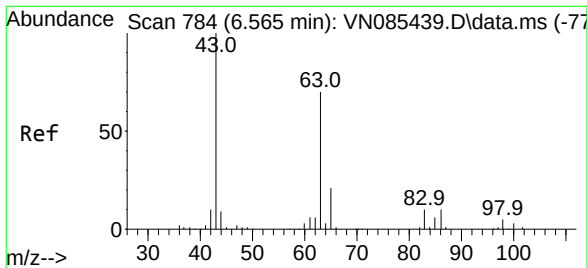
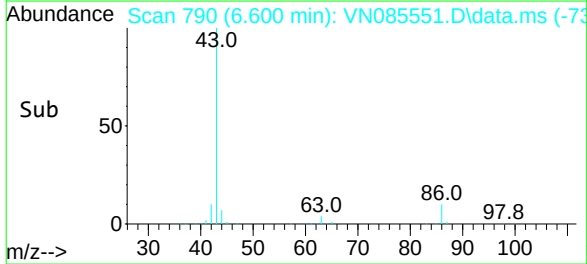
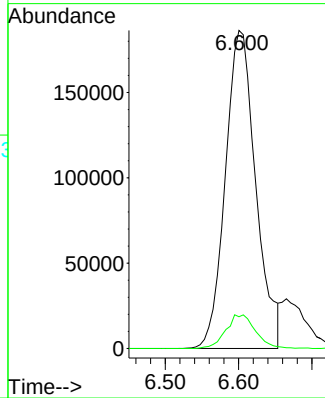
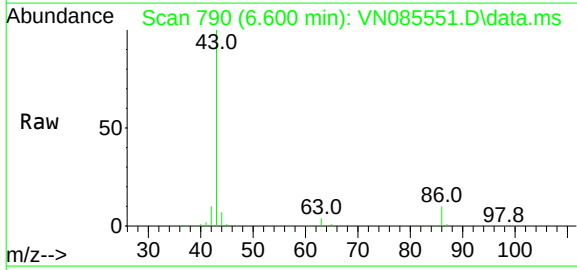
86 10.0 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#24

1,1-Dichloroethane

Concen: 19.002 ug/l

RT: 6.565 min Scan# 784

Delta R.T. 0.000 min

Lab File: VN085551.D

Acq: 29 Jan 2025 12:30

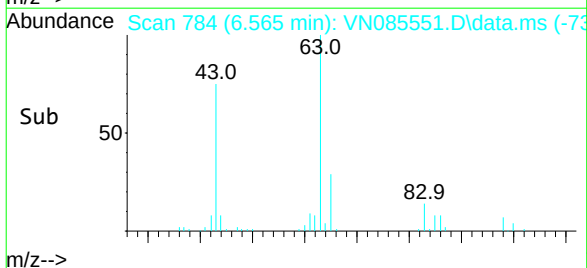
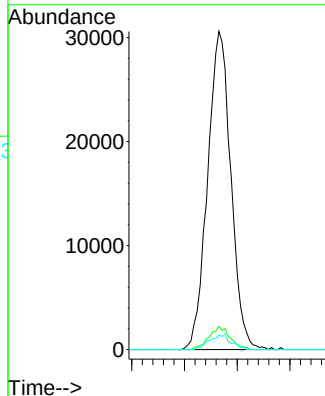
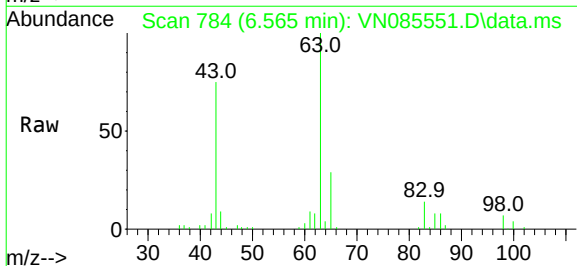
Tgt Ion: 63 Resp: 93875

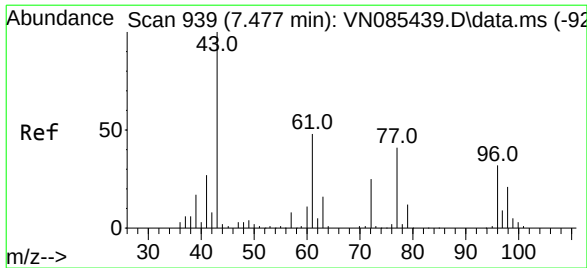
Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.8

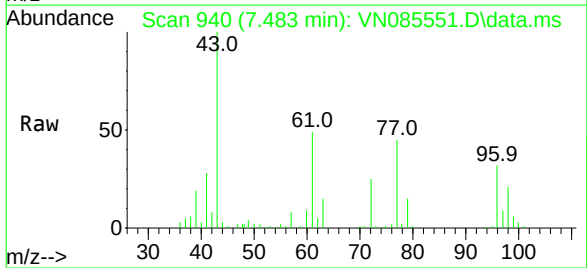
100 4.5 2.0 6.0





#25
2-Butanone
Concen: 103.615 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

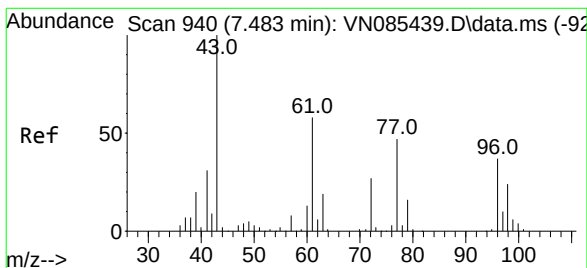
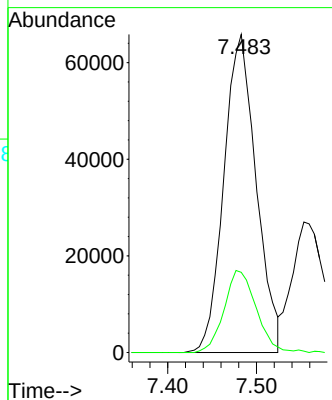
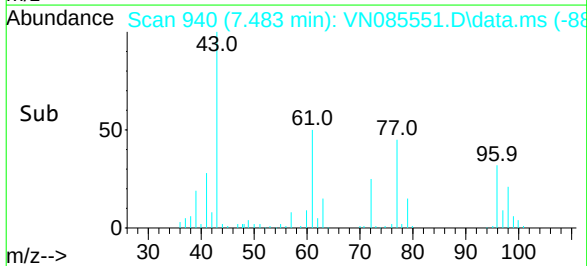
Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01



Tgt Ion: 43 Resp: 166690
Ion Ratio Lower Upper
43 100
72 25.2 20.2 30.4

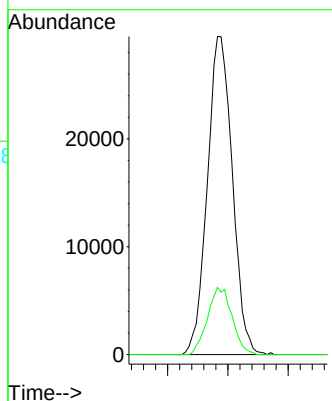
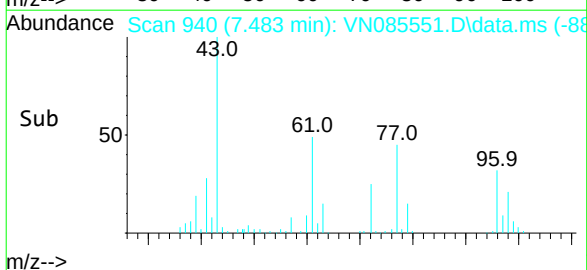
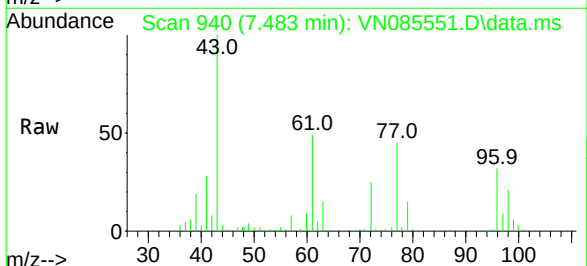
Manual Integrations
APPROVED

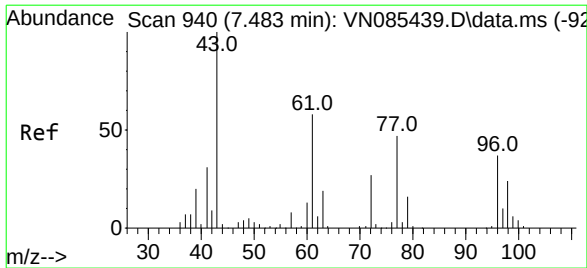
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#26
2,2-Dichloropropane
Concen: 21.323 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

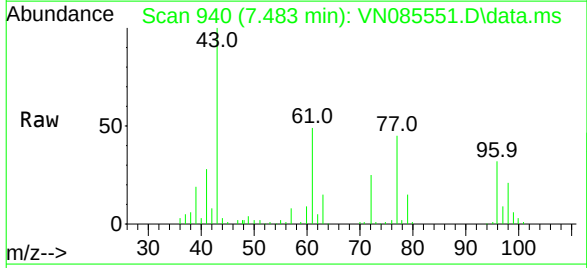
Tgt Ion: 77 Resp: 85168
Ion Ratio Lower Upper
77 100
97 20.7 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 18.312 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085551.D
 Acq: 29 Jan 2025 12:30

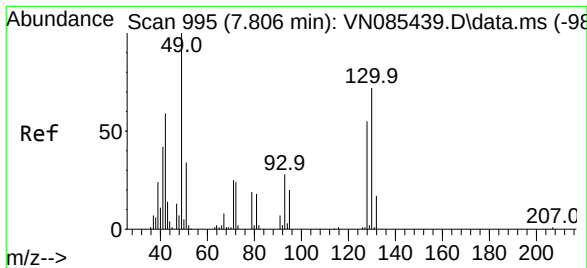
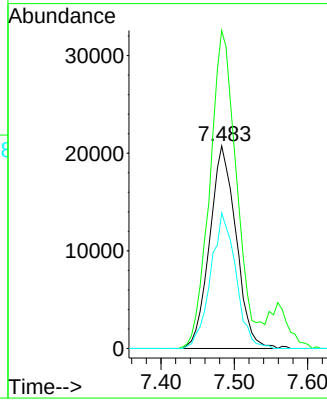
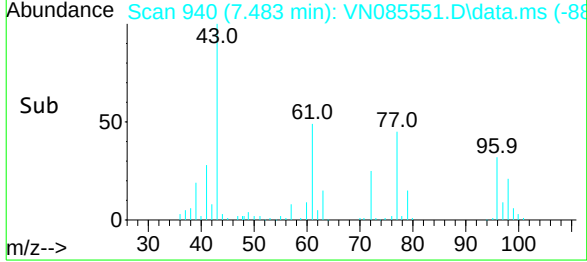
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBS01



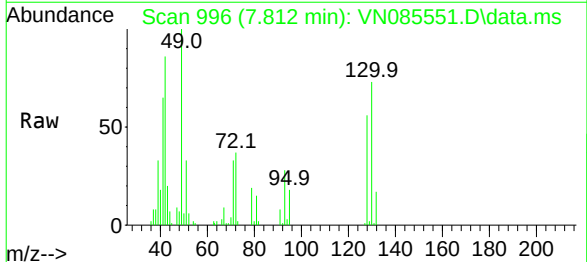
Tgt Ion: 96 Resp: 51851
 Ion Ratio Lower Upper
 96 100
 61 157.9 0.0 311.8
 98 64.2 0.0 126.0

Manual Integrations
 APPROVED

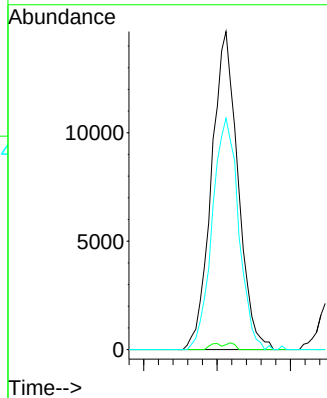
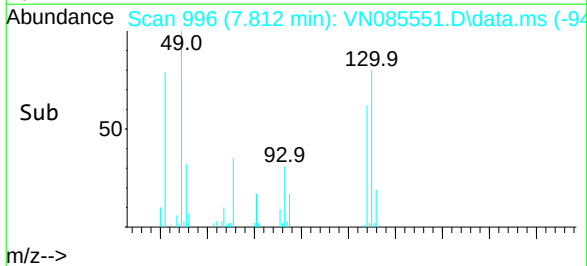
Reviewed By :John Carlone 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025

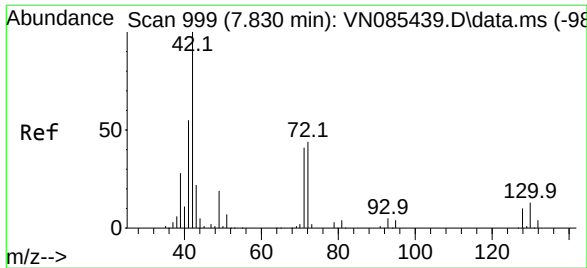


#28
 Bromochloromethane
 Concen: 16.001 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085551.D
 Acq: 29 Jan 2025 12:30



Tgt Ion: 49 Resp: 36776
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 4.4
 130 72.5 55.0 82.4





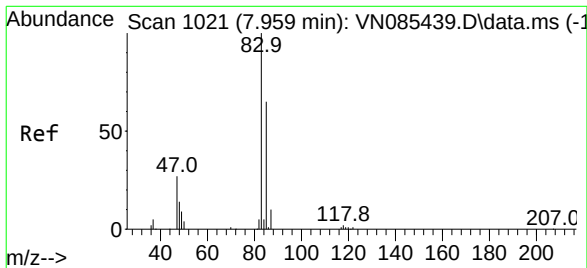
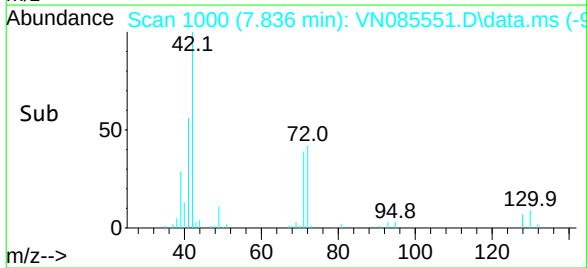
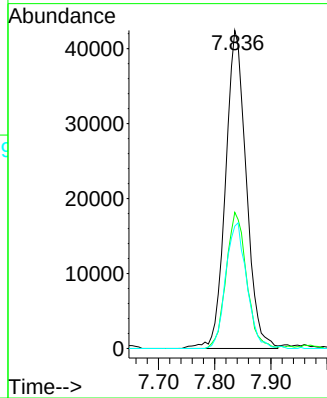
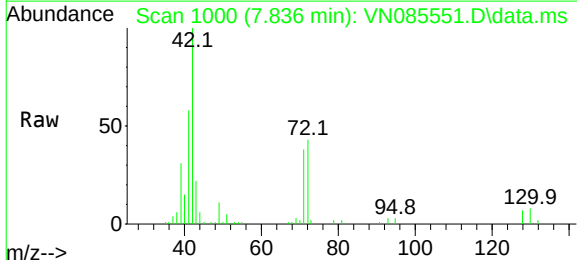
#29
Tetrahydrofuran
Concen: 106.525 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tgt Ion: 42 Resp: 108650
Ion Ratio Lower Upper
42 100
72 42.2 34.2 51.2
71 40.0 32.5 48.7

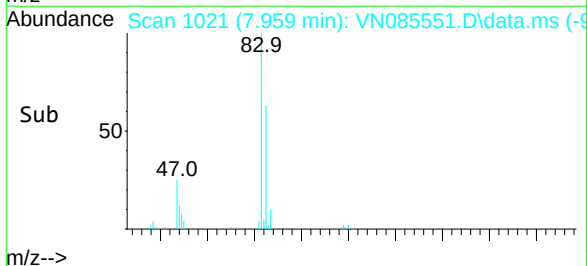
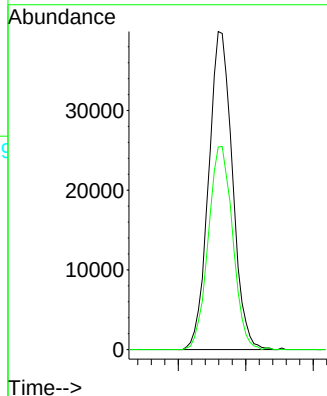
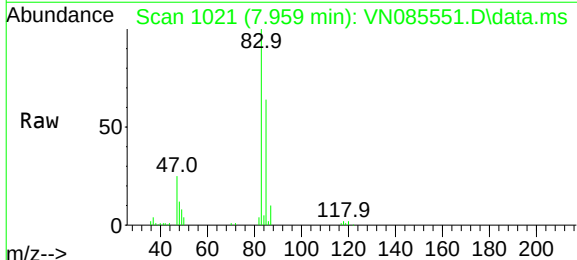
Manual Integrations
APPROVED

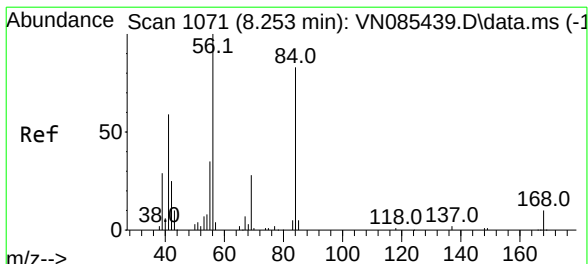
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#30
Chloroform
Concen: 19.184 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

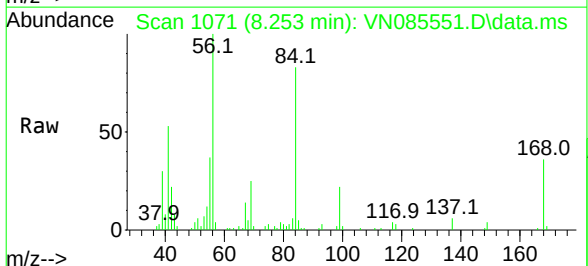
Tgt Ion: 83 Resp: 97953
Ion Ratio Lower Upper
83 100
85 63.7 51.8 77.6





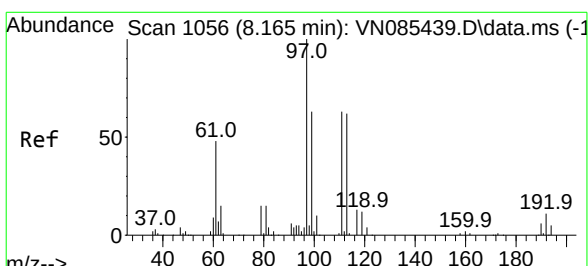
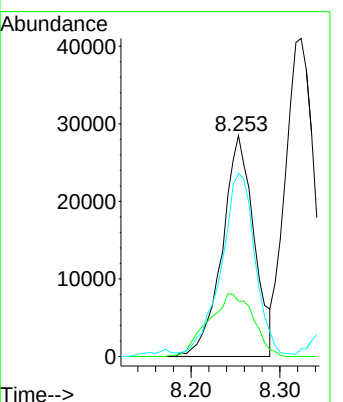
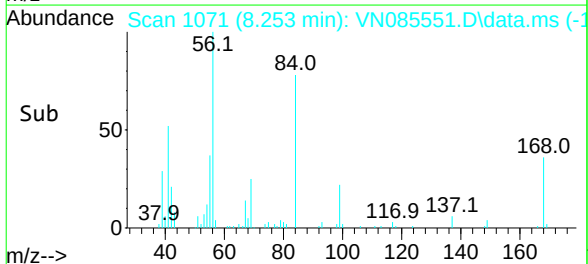
#31
Cyclohexane
Concen: 16.501 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Instrument : MSVOA_N
ClientSampleId : VN0129WBS01

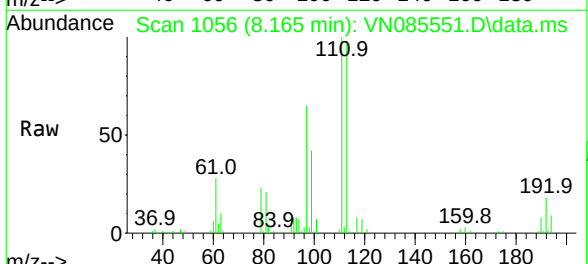


Tgt Ion	56	Resp	70853
Ion	Ratio	Lower	Upper
56	100		
69	24.6	22.2	33.4
84	81.1	66.4	99.6

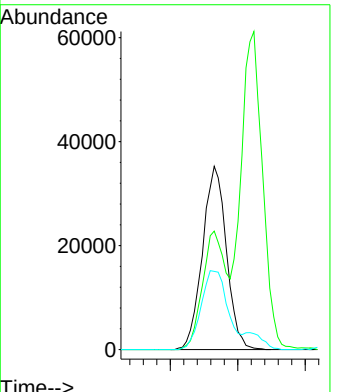
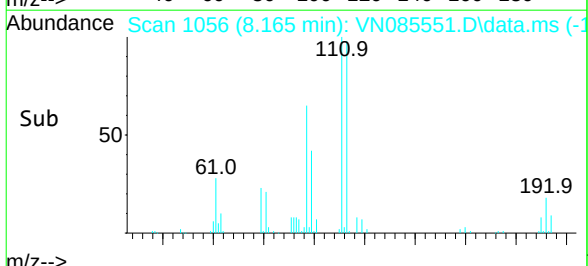
Manual Integrations
APPROVED
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

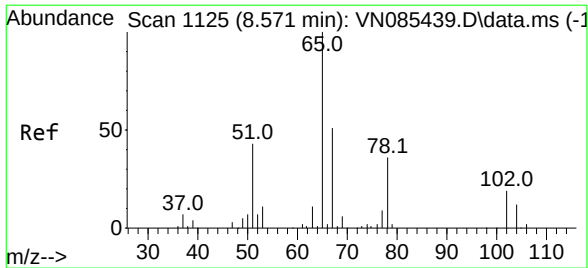


#32
1,1,1-Trichloroethane
Concen: 19.380 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30



Tgt Ion	97	Resp	86797
Ion	Ratio	Lower	Upper
97	100		
99	63.5	49.8	74.6
61	47.9	41.4	62.2





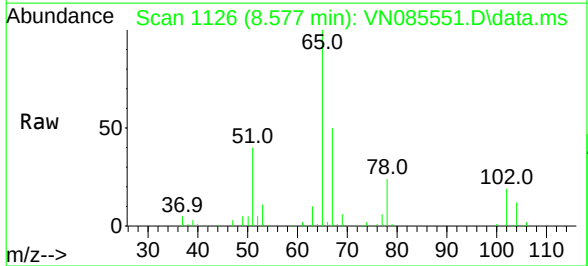
#33
 1,2-Dichloroethane-d4
 Concen: 50.795 ug/l
 RT: 8.577 min Scan# 1116
 Delta R.T. 0.006 min
 Lab File: VN085551.D
 Acq: 29 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBS01

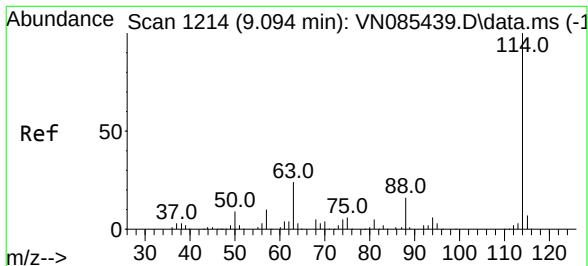
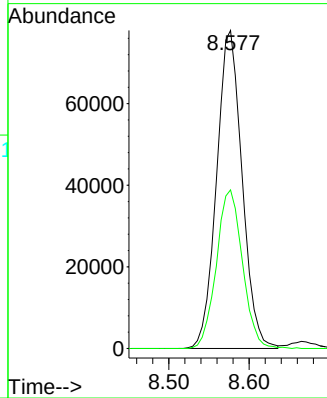
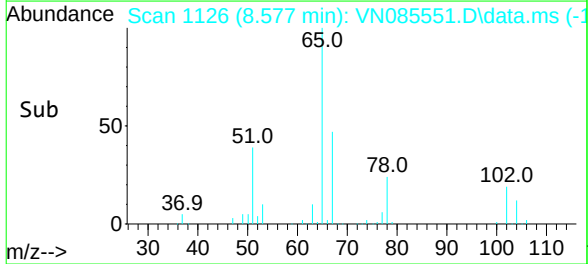


Tgt Ion: 65 Resp: 171860
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.6

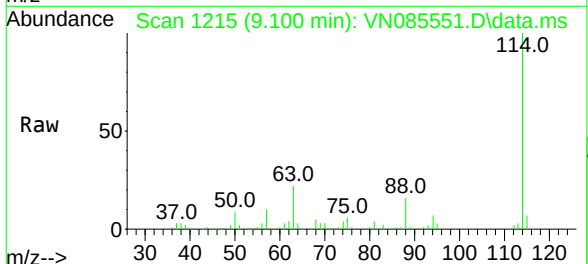
Manual Integrations

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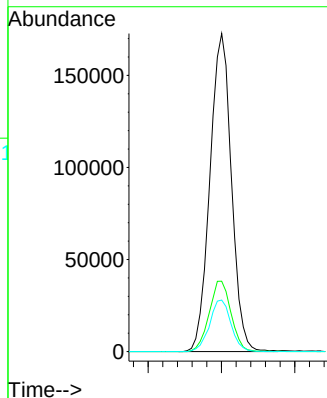
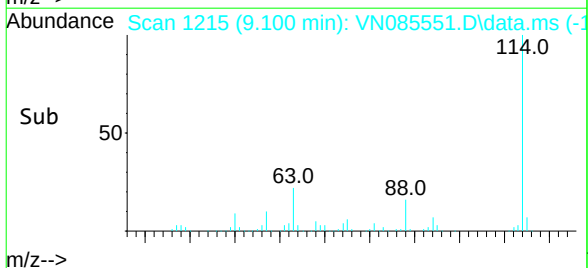
Reviewed By :John Carlone 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025

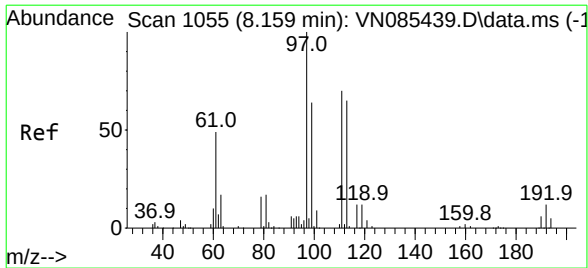


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085551.D
 Acq: 29 Jan 2025 12:30



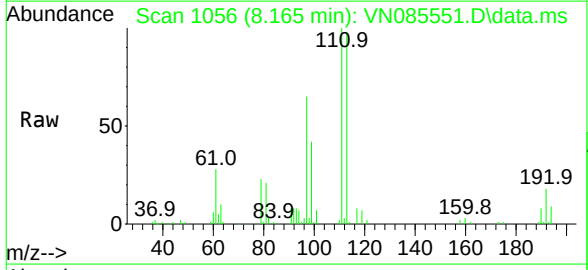
Tgt Ion:114 Resp: 351459
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 47.6
 88 16.2 0.0 32.6





#35
 Dibromofluoromethane
 Concen: 52.085 ug/l
 RT: 8.165 min Scan# 1055
 Delta R.T. 0.006 min
 Lab File: VN085551.D
 Acq: 29 Jan 2025 12:30

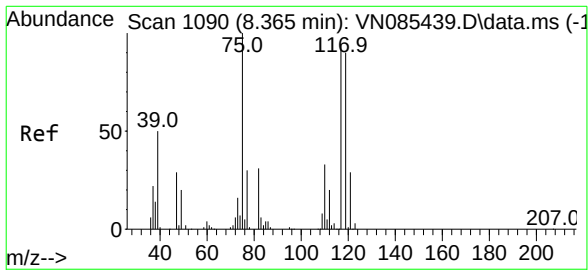
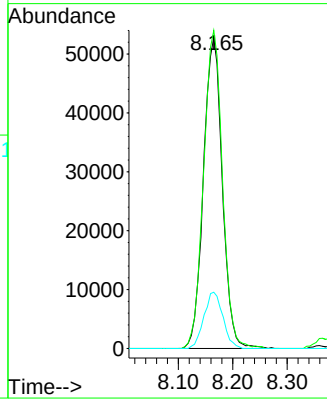
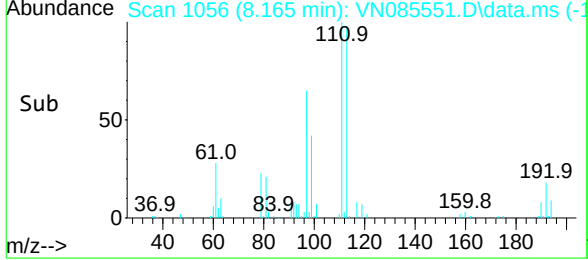
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBS01



Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.7	124.1
192	18.2	14.3	21.5

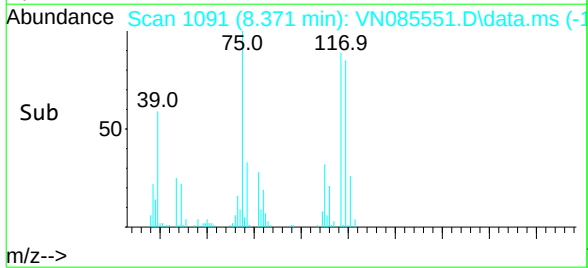
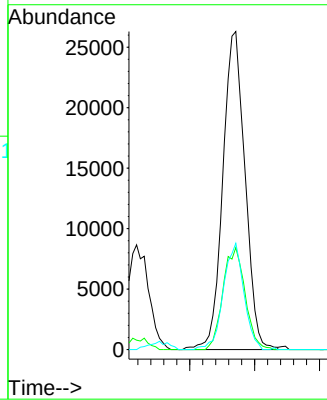
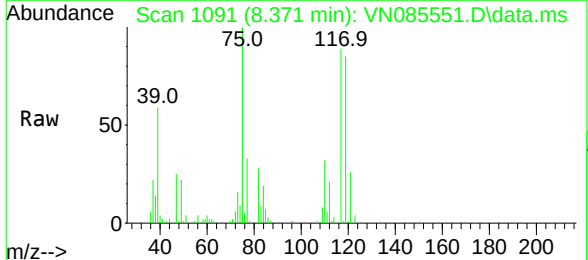
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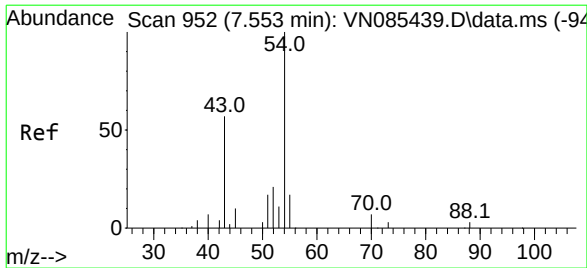
Reviewed By :John Carlone 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025



#36
 1,1-Dichloropropene
 Concen: 18.287 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085551.D
 Acq: 29 Jan 2025 12:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.9	16.5	49.5
77	30.9	24.4	36.6





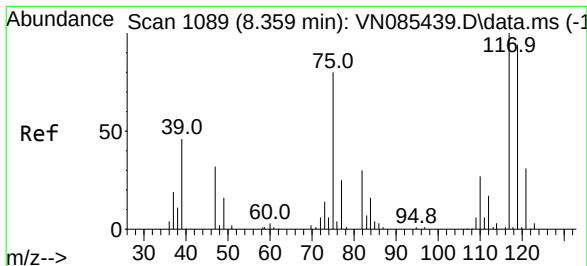
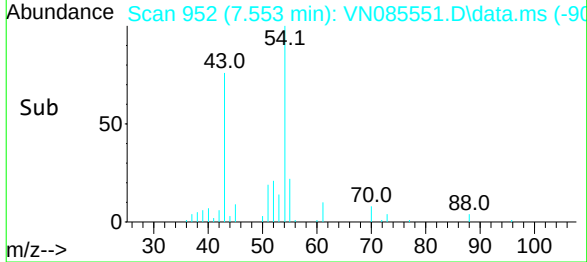
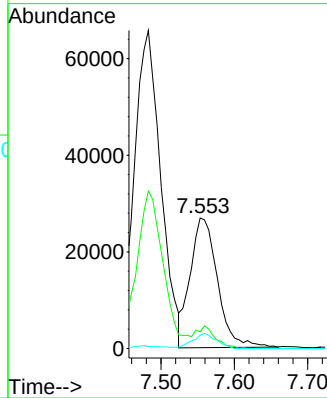
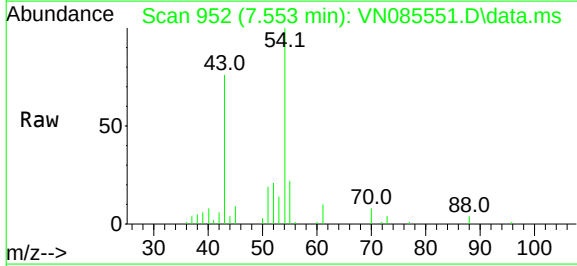
#37
Ethyl Acetate
Concen: 20.120 ug/l
RT: 7.553 min Scan# 952
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tgt Ion:	43	Resp:	69495
Ion	Ratio	Lower	Upper
43	100		
61	12.0	10.9	16.3
70	10.1	7.5	11.3

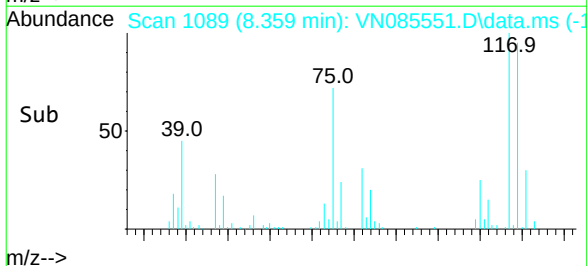
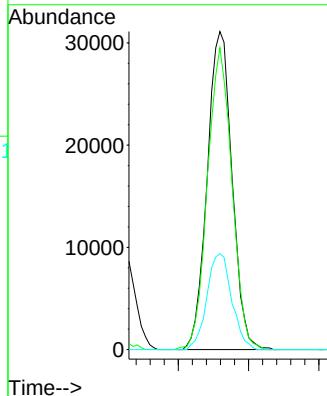
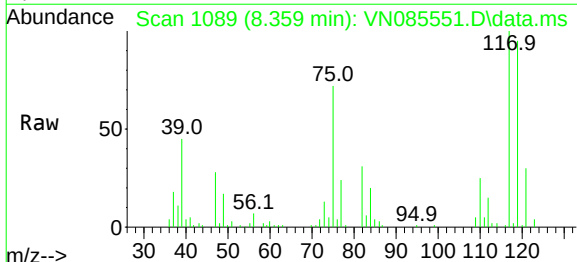
Manual Integrations
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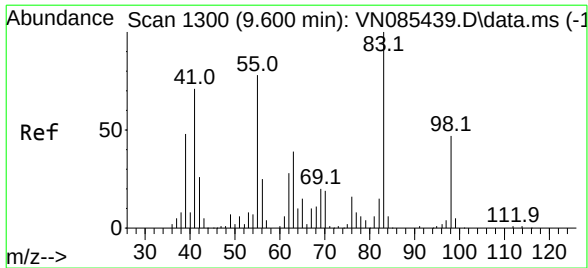
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#38
Carbon Tetrachloride
Concen: 19.489 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Tgt Ion:	117	Resp:	76352
Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.4	113.2
121	30.2	24.6	37.0





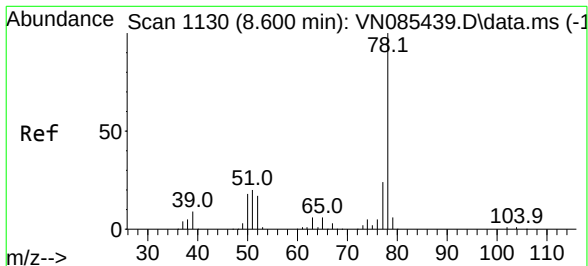
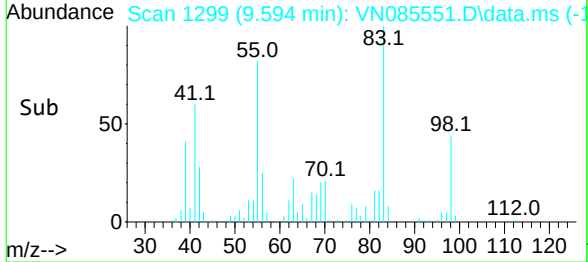
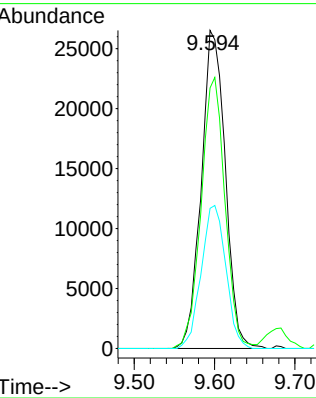
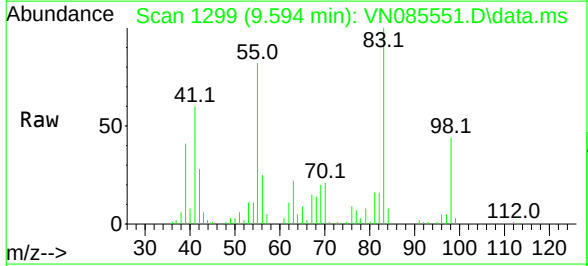
#39
Methylcyclohexane
Concen: 17.132 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tgt Ion:	83	Resp:	55093
Ion	Ratio	Lower	Upper
83	100		
55	81.9	62.6	94.0
98	44.1	37.7	56.5

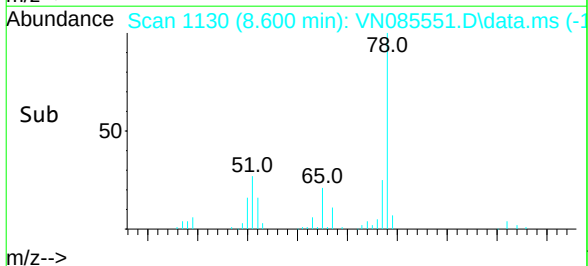
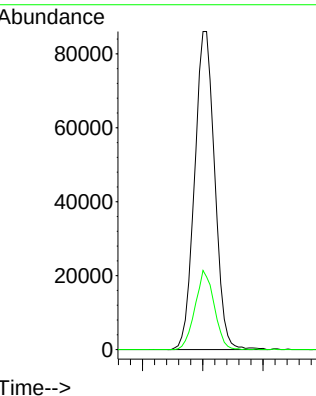
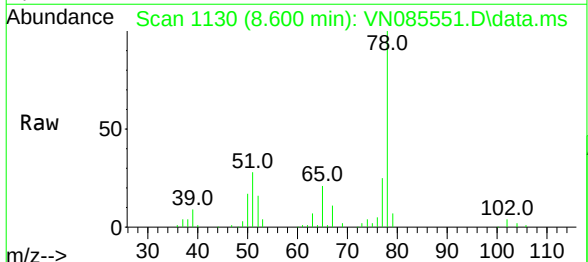
Manual Integrations
APPROVED

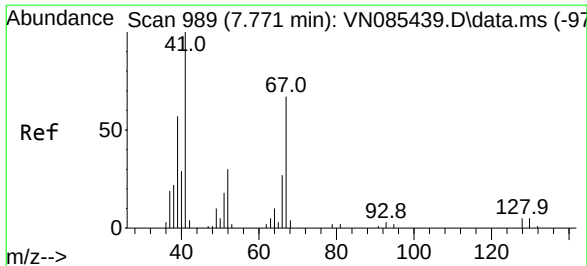
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#40
Benzene
Concen: 19.413 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Tgt Ion:	78	Resp:	199602
Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.0	28.6





#41

Methacrylonitrile

Concen: 19.967 ug/l

RT: 7.777 min Scan# 99

Delta R.T. 0.006 min

Lab File: VN085551.D

Acq: 29 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBS01

Tgt Ion: 41 Resp: 35881

Ion Ratio Lower Upper

41 100

39 59.3 46.0 69.0

67 72.9 57.4 86.2

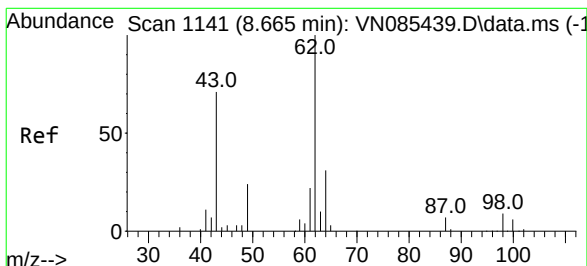
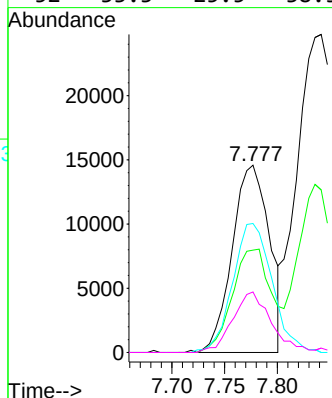
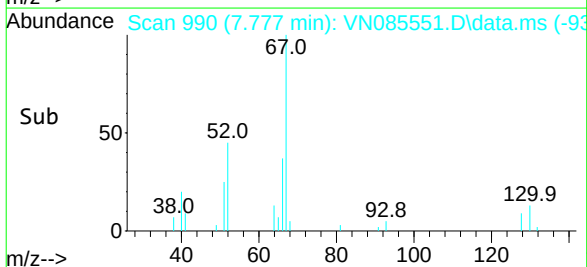
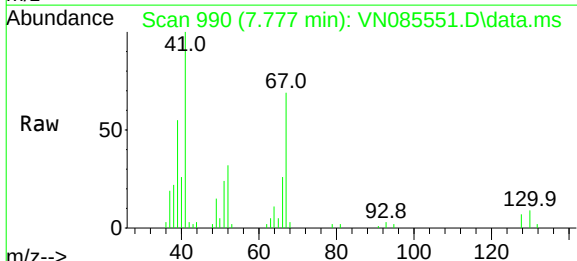
52 33.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#42

1,2-Dichloroethane

Concen: 20.002 ug/l

RT: 8.665 min Scan# 1141

Delta R.T. 0.000 min

Lab File: VN085551.D

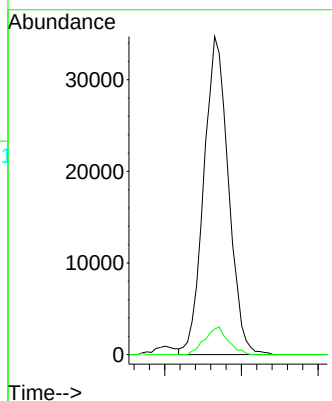
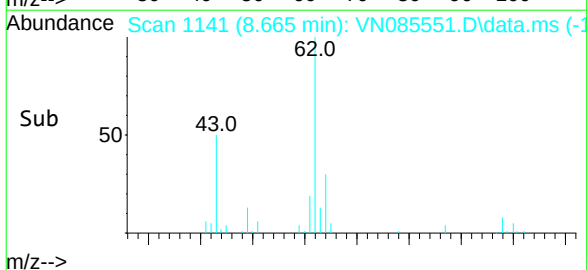
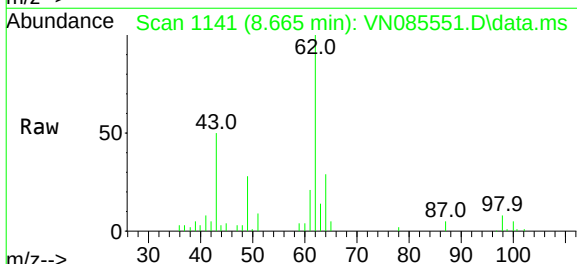
Acq: 29 Jan 2025 12:30

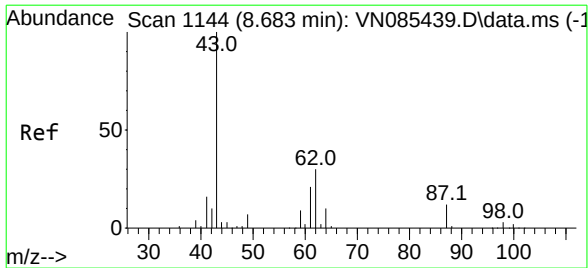
Tgt Ion: 62 Resp: 77457

Ion Ratio Lower Upper

62 100

98 8.2 0.0 17.0





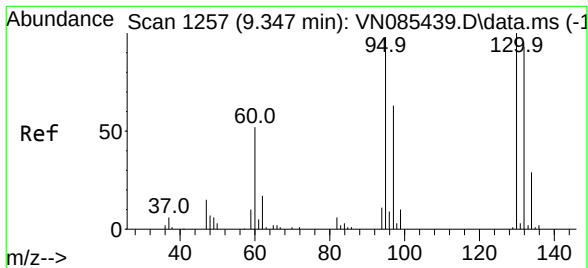
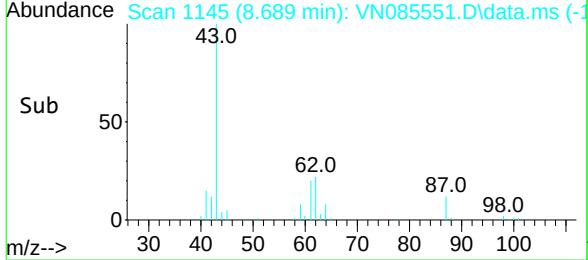
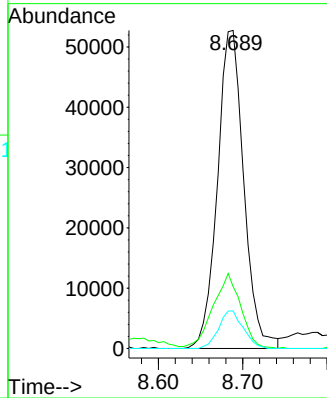
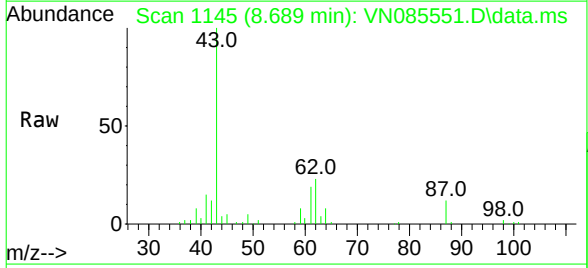
#43
Isopropyl Acetate
Concen: 20.680 ug/l
RT: 8.689 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tgt Ion: 43 Resp: 114457
Ion Ratio Lower Upper
43 100
61 25.0 20.7 31.1
87 11.0 9.8 14.8

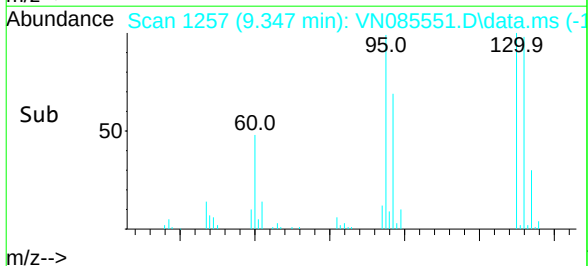
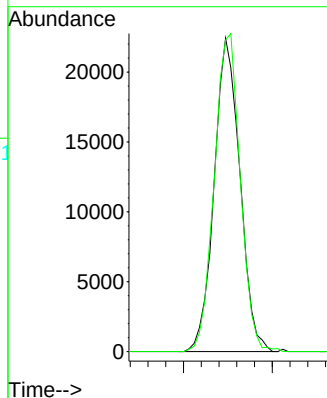
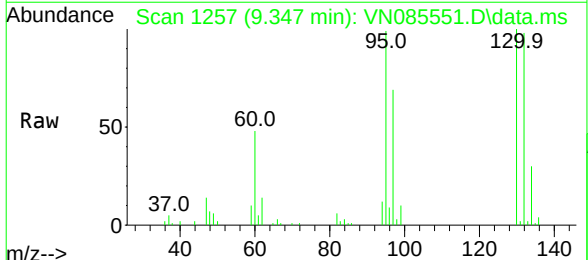
Manual Integrations
APPROVED

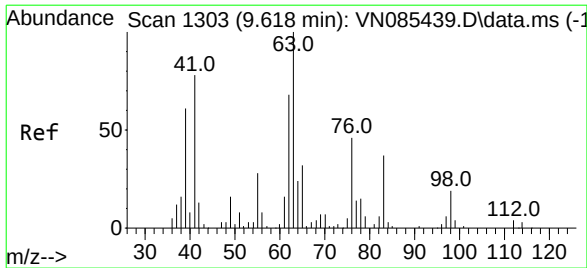
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#44
Trichloroethene
Concen: 18.886 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

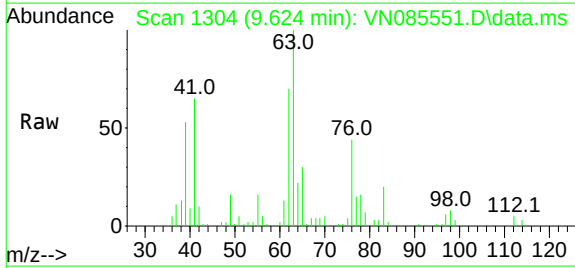
Tgt Ion:130 Resp: 45202
Ion Ratio Lower Upper
130 100
95 99.4 0.0 195.8





#45
1,2-Dichloropropane
Concen: 19.591 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

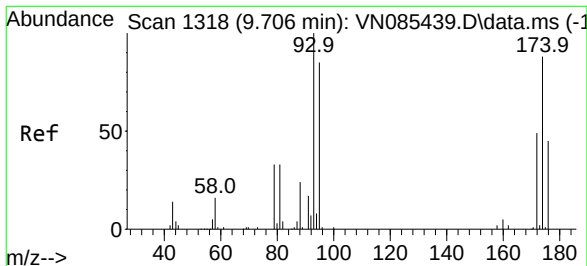
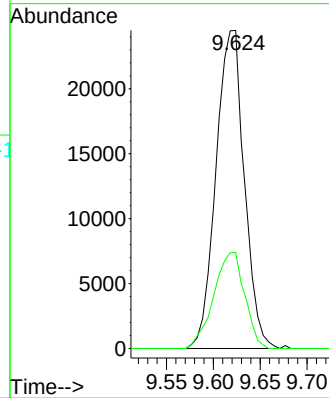
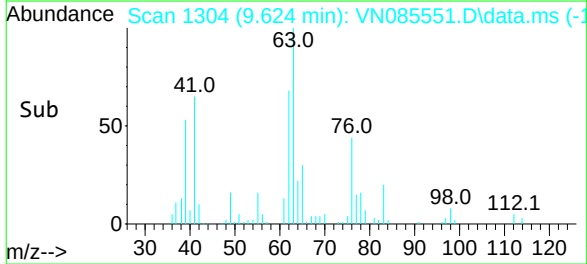
Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01



Tgt Ion: 63 Resp: 51454
Ion Ratio Lower Upper
63 100
65 30.2 25.6 38.4

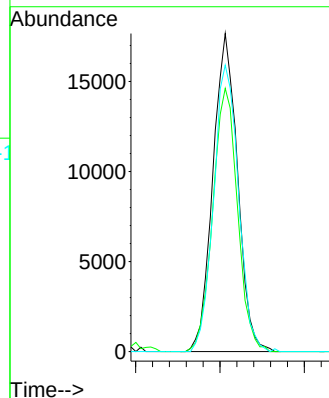
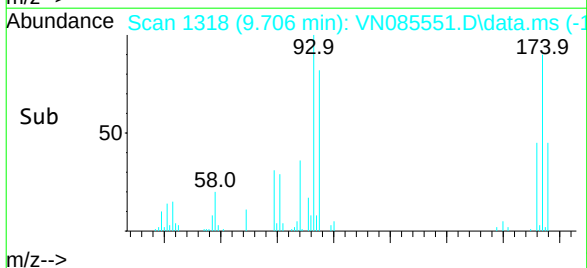
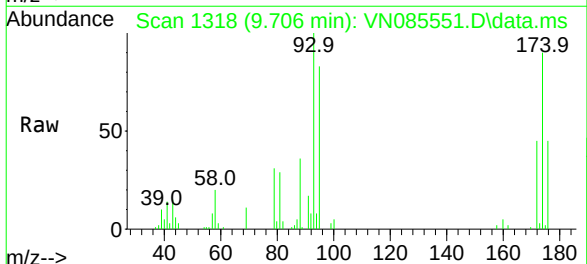
Manual Integrations
APPROVED

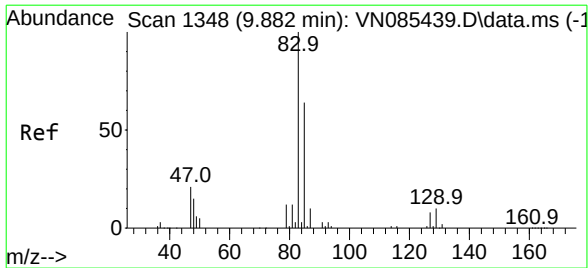
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#46
Dibromomethane
Concen: 18.941 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

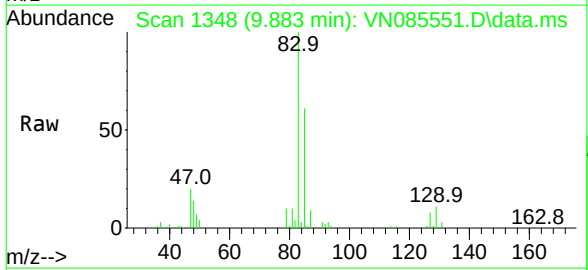
Tgt Ion: 93 Resp: 35894
Ion Ratio Lower Upper
93 100
95 82.9 64.7 97.1
174 91.0 69.0 103.4





#47
 Bromodichloromethane
 Concen: 20.639 ug/l
 RT: 9.883 min Scan# 1348
 Delta R.T. 0.001 min
 Lab File: VN085551.D
 Acq: 29 Jan 2025 12:30

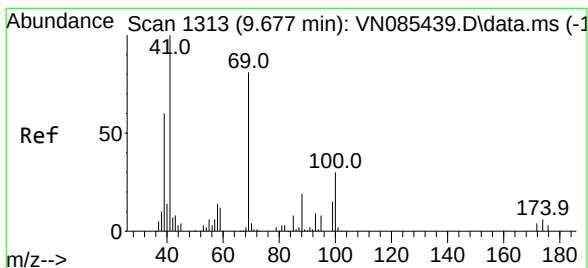
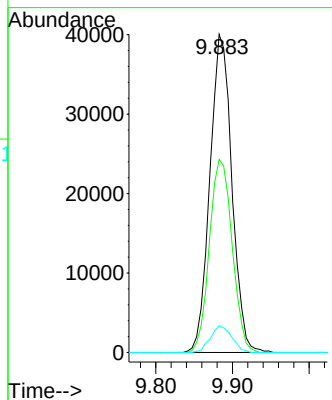
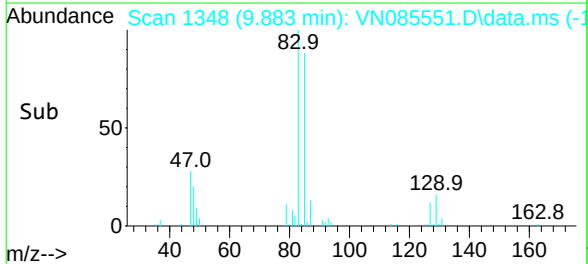
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBS01



Tgt Ion:	83	Resp:	79684
Ion	Ratio	Lower	Upper
83	100		
85	60.7	51.2	76.8
127	8.4	6.5	9.7

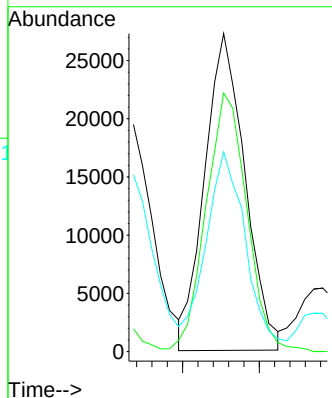
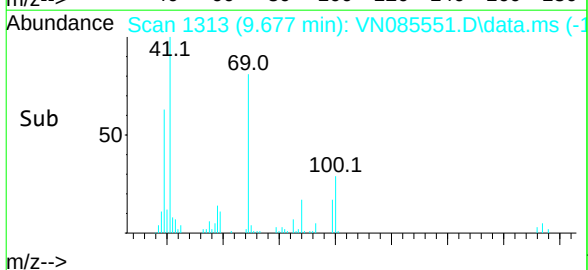
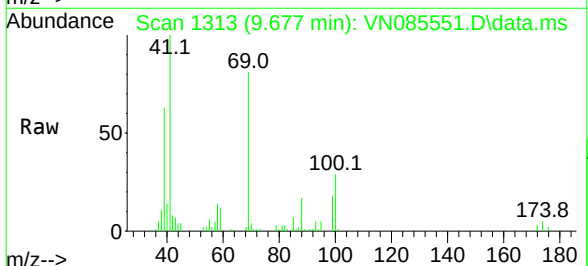
Manual Integrations
 APPROVED

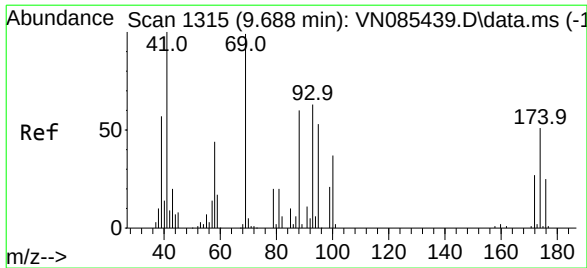
Reviewed By :John Carlone 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025



#48
 Methyl methacrylate
 Concen: 19.917 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN085551.D
 Acq: 29 Jan 2025 12:30

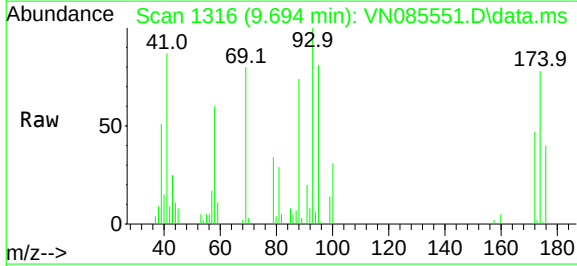
Tgt Ion:	41	Resp:	49608
Ion	Ratio	Lower	Upper
41	100		
69	82.9	64.7	97.1
39	63.1	49.0	73.6





#49
1,4-Dioxane
Concen: 456.023 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

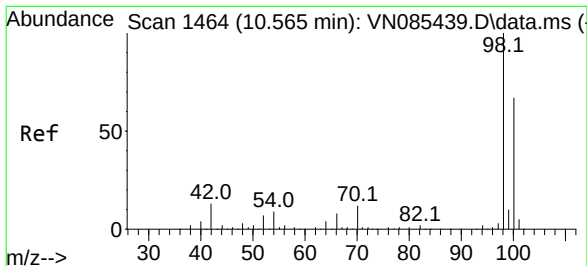
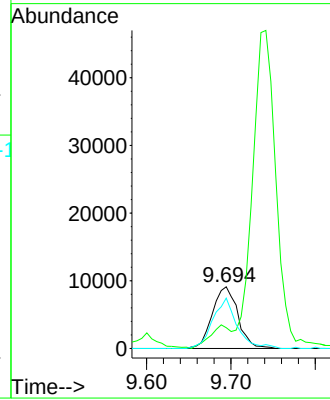
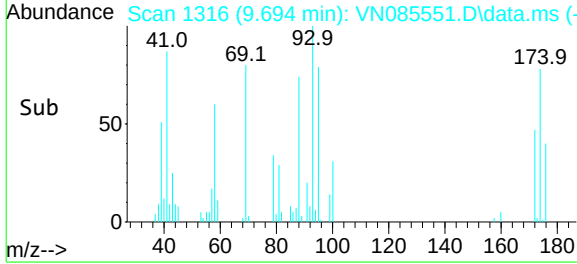
Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01



Tgt Ion: 88 Resp: 19127
Ion Ratio Lower Upper
88 100
43 30.5 26.6 39.8
58 78.0 59.5 89.3

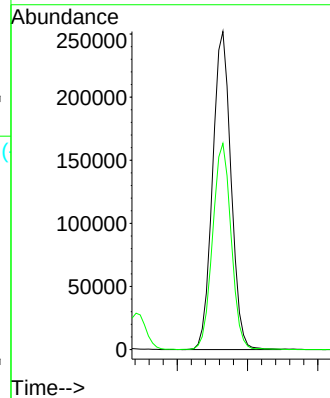
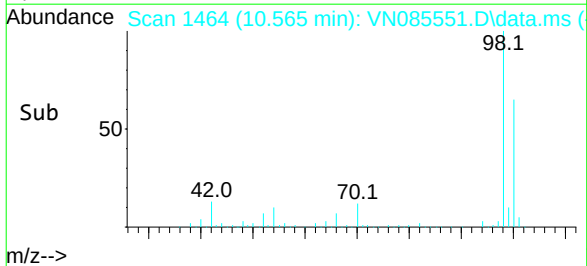
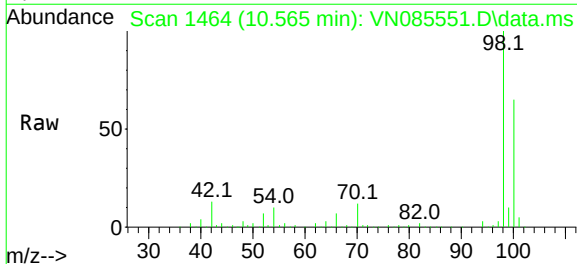
Manual Integrations
APPROVED

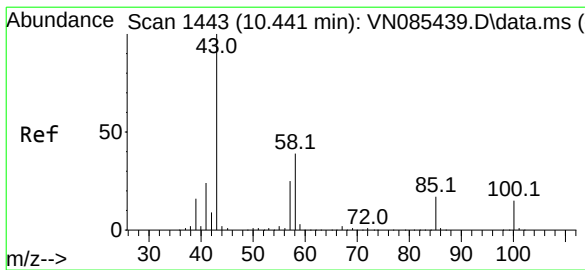
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#50
Toluene-d8
Concen: 52.996 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Tgt Ion: 98 Resp: 459113
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4





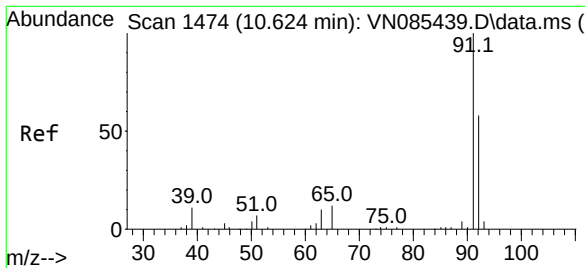
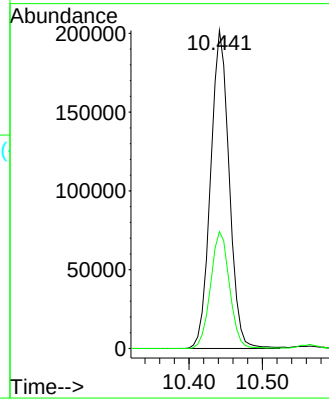
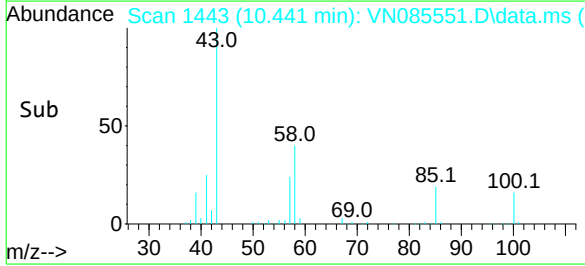
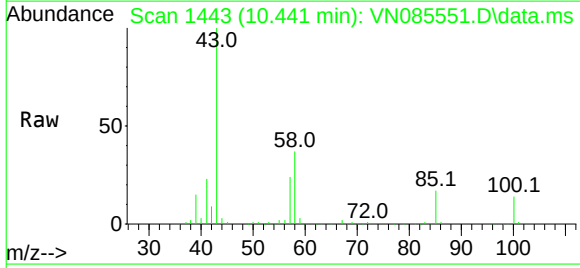
#51
4-Methyl-2-Pentanone
Concen: 110.742 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tgt Ion: 43 Resp: 355666
Ion Ratio Lower Upper
43 100
58 37.5 30.5 45.7

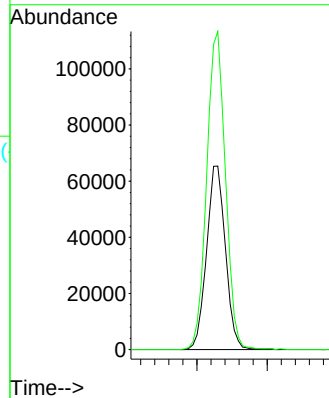
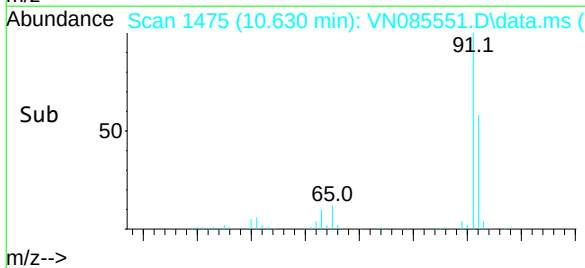
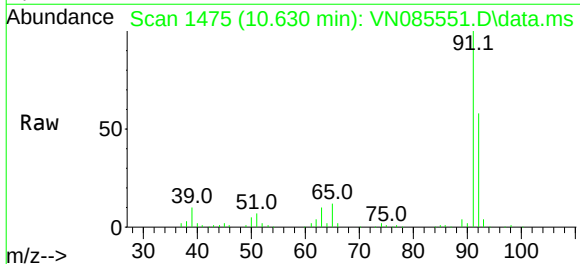
Manual Integrations
APPROVED

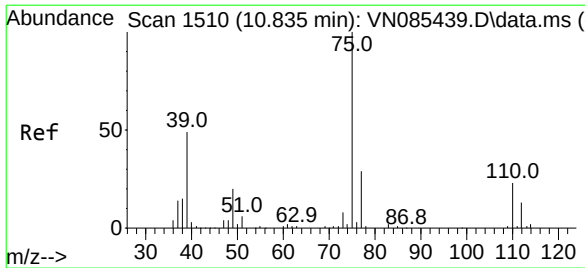
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#52
Toluene
Concen: 20.475 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

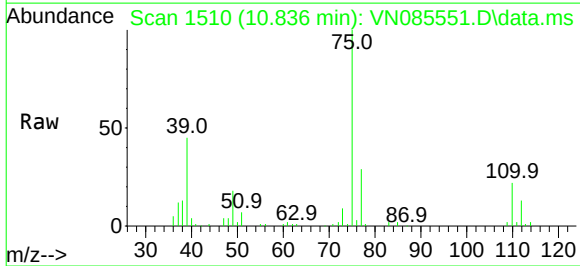
Tgt Ion: 92 Resp: 121981
Ion Ratio Lower Upper
92 100
91 172.1 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 20.222 ug/l
RT: 10.836 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

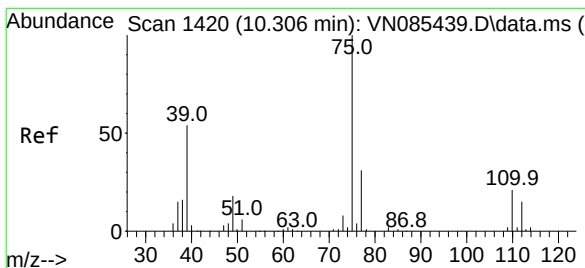
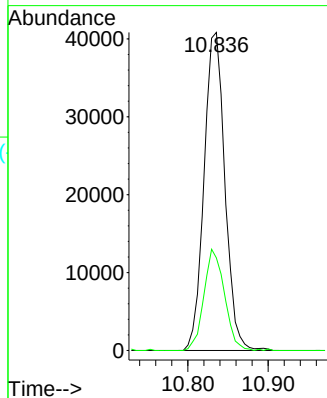
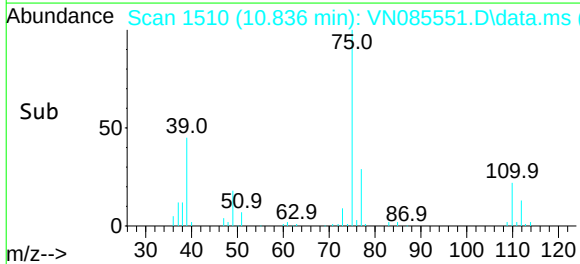
Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01



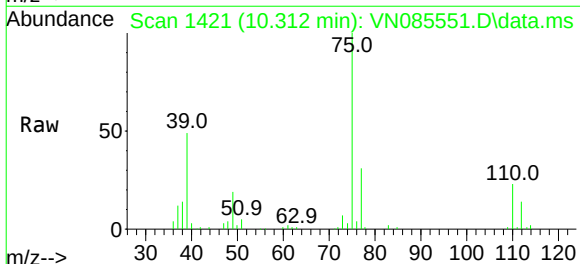
Tgt Ion: 75 Resp: 73781
Ion Ratio Lower Upper
75 100
77 29.1 23.5 35.3

Manual Integrations
APPROVED

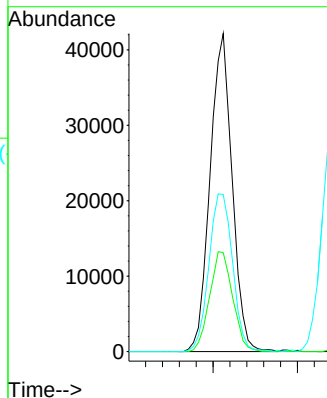
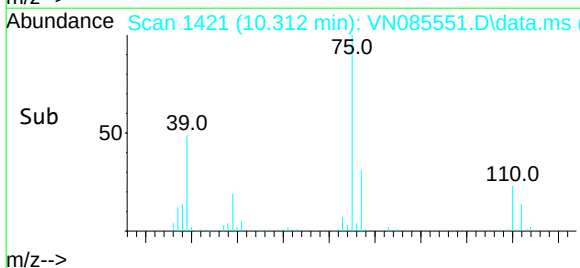
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

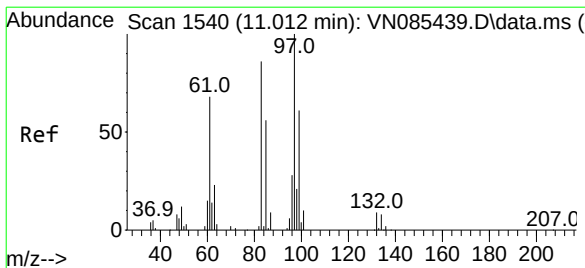


#54
cis-1,3-Dichloropropene
Concen: 19.648 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30



Tgt Ion: 75 Resp: 76573
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4
39 49.4 43.1 64.7





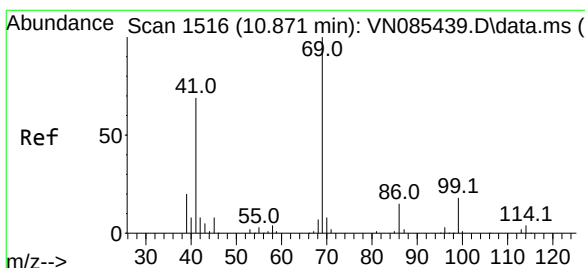
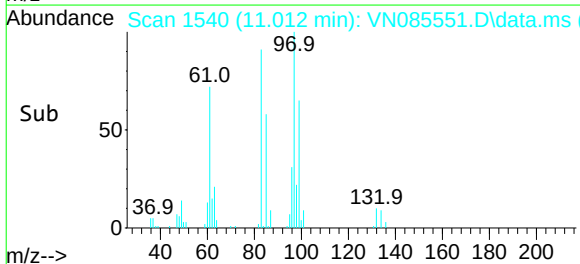
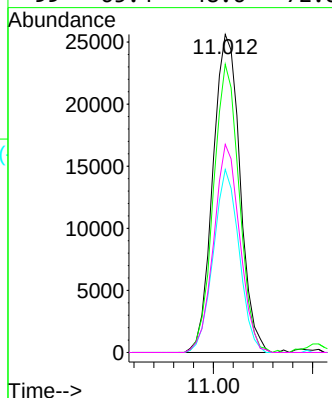
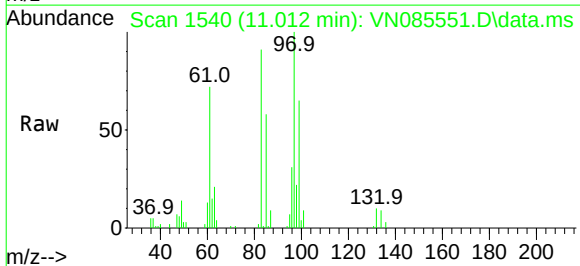
#55
1,1,2-Trichloroethane
Concen: 20.602 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.6	69.0	103.6
85	57.6	44.6	66.8
99	65.4	48.6	72.8

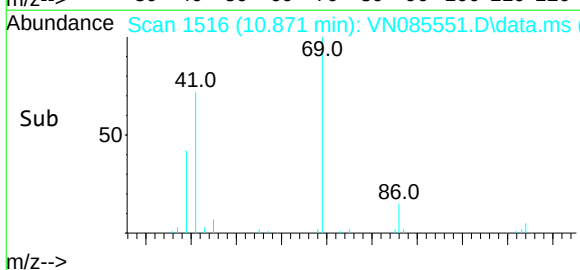
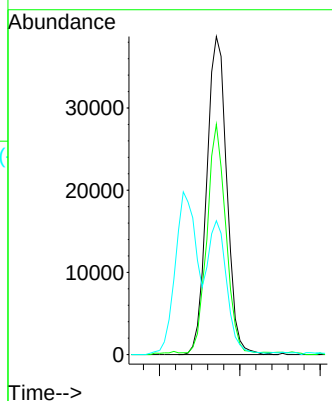
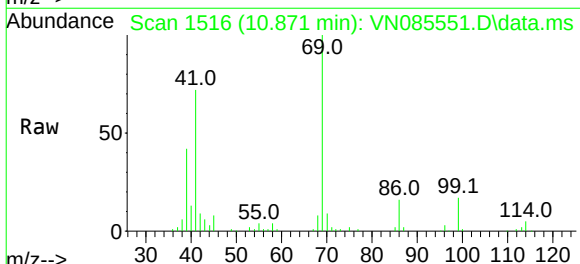
Manual Integrations
APPROVED

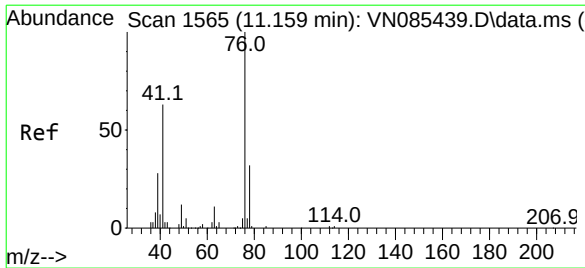
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#56
Ethyl methacrylate
Concen: 18.136 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

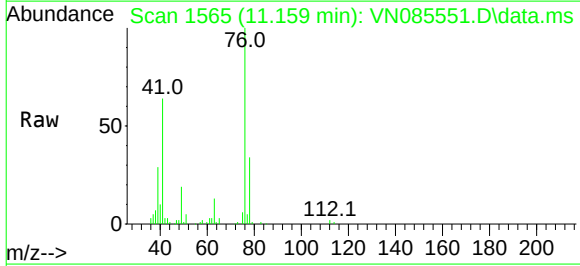
Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.0	54.6	82.0
39	39.3	32.4	48.6





#57
1,3-Dichloropropane
Concen: 20.323 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

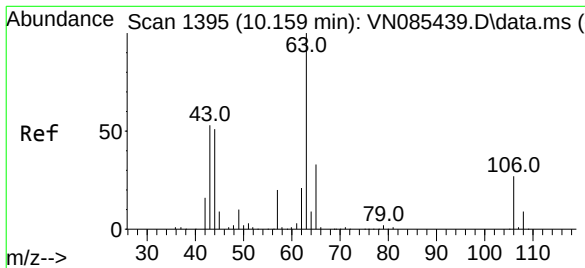
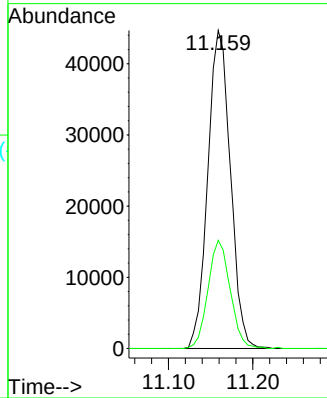
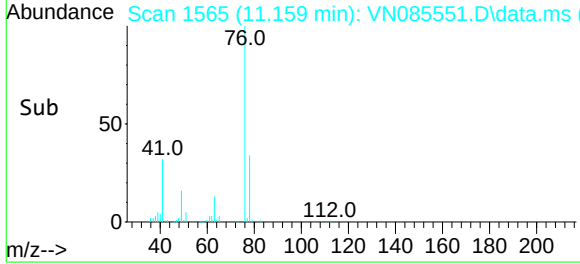
Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01



Tgt Ion: 76 Resp: 83319
Ion Ratio Lower Upper
76 100
78 33.3 25.6 38.4

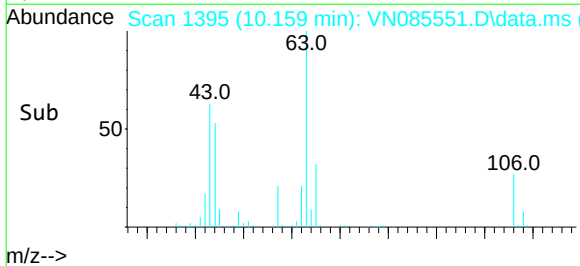
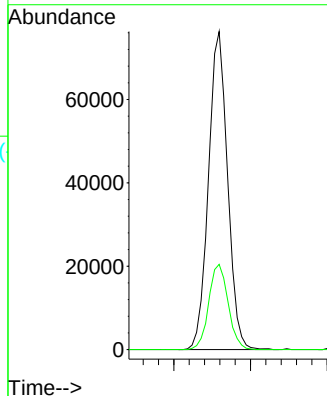
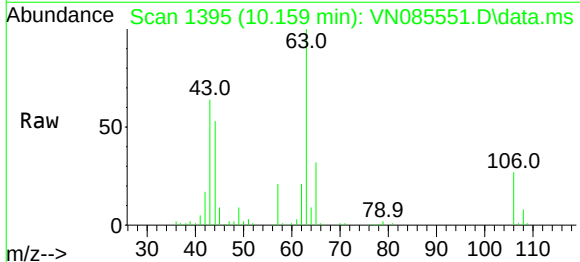
Manual Integrations
APPROVED

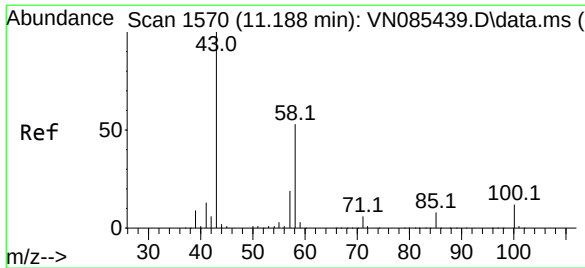
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#58
2-Chloroethyl Vinyl ether
Concen: 88.125 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Tgt Ion: 63 Resp: 131853
Ion Ratio Lower Upper
63 100
106 27.2 21.6 32.4





#59

2-Hexanone

Concen: 114.068 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.006 min

Lab File: VN085551.D

Acq: 29 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBS01

Tgt Ion: 43 Resp: 257774

Ion Ratio Lower Upper

43 100

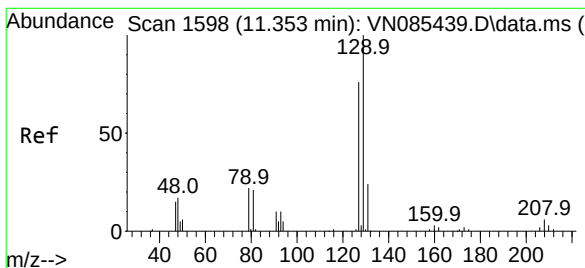
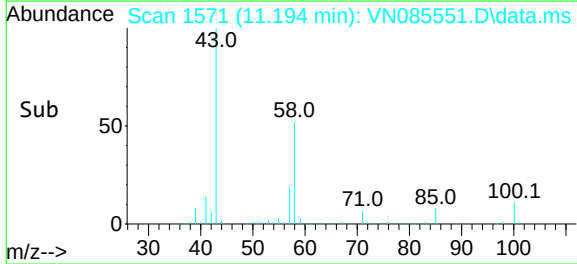
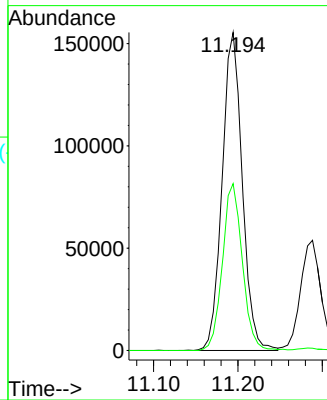
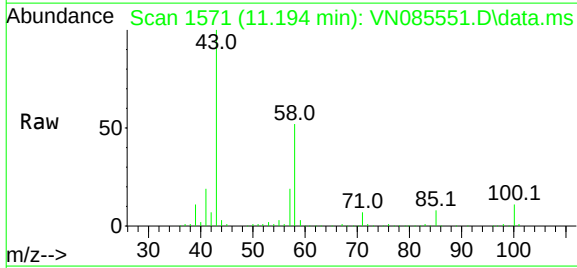
58 51.9 26.2 78.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#60

Dibromochloromethane

Concen: 20.364 ug/l

RT: 11.353 min Scan# 1598

Delta R.T. 0.000 min

Lab File: VN085551.D

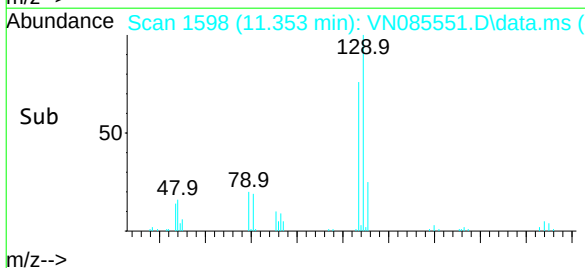
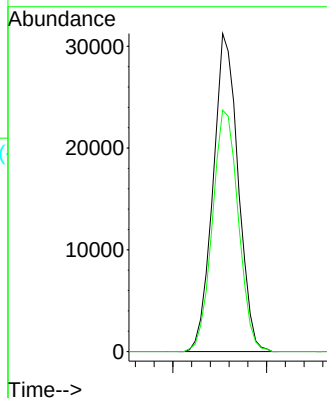
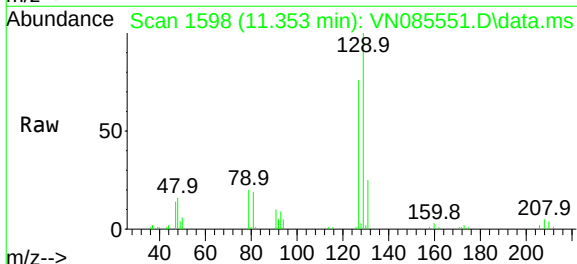
Acq: 29 Jan 2025 12:30

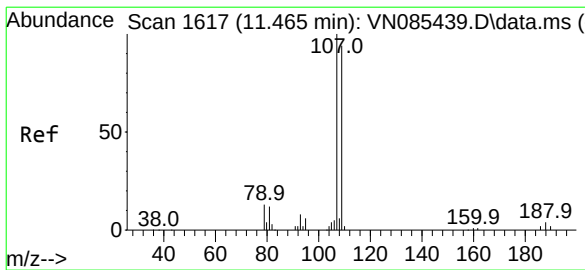
Tgt Ion:129 Resp: 57964

Ion Ratio Lower Upper

129 100

127 78.5 38.6 115.8





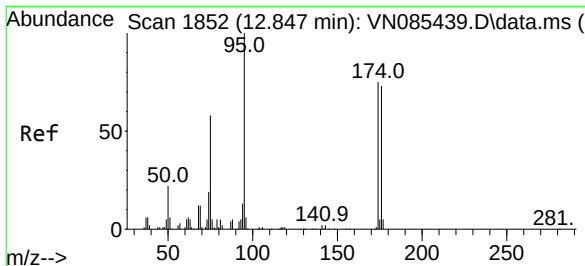
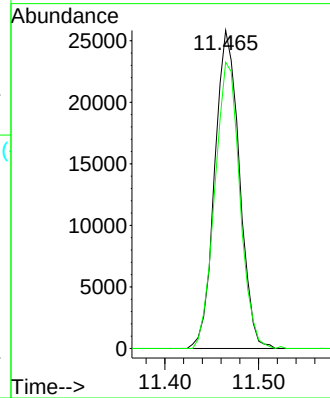
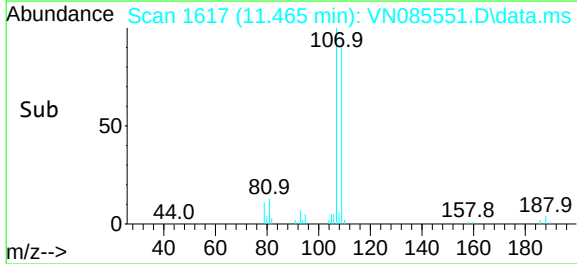
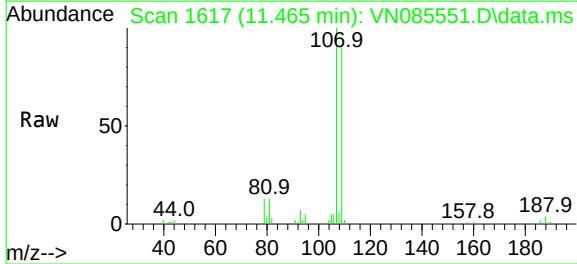
#61
1,2-Dibromoethane
Concen: 20.104 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tgt Ion: 107 Resp: 47182
Ion Ratio Lower Upper
107 100
109 91.4 75.9 113.9

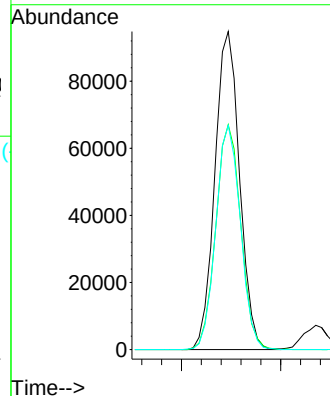
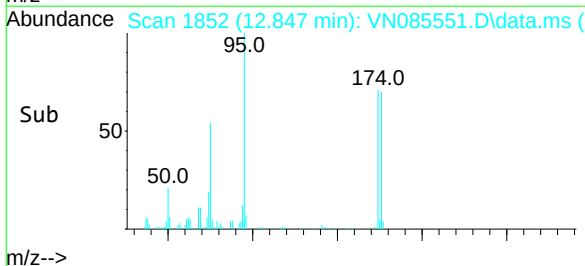
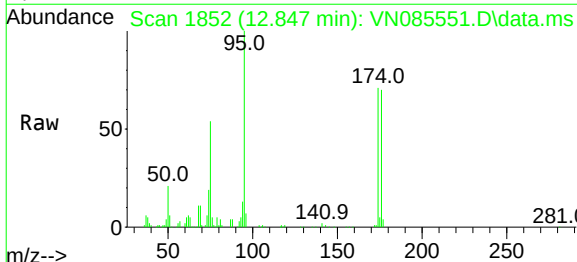
Manual Integrations
APPROVED

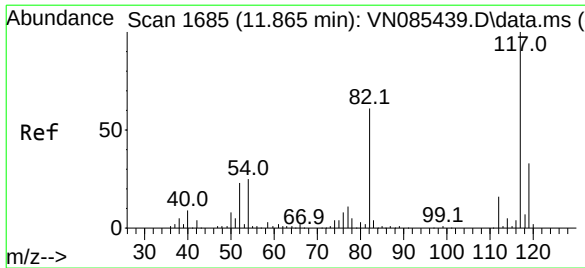
Reviewed By : John Carlone 01/30/2025
Supervised By : Mahesh Dadoda 01/30/2025



#62
4-Bromofluorobenzene
Concen: 55.254 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

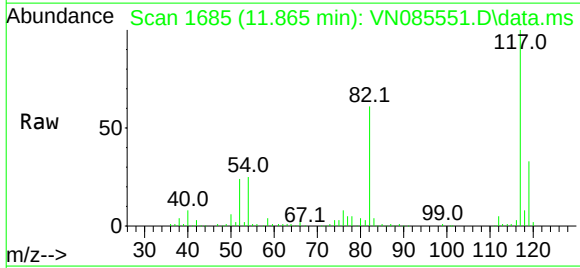
Tgt Ion: 95 Resp: 163742
Ion Ratio Lower Upper
95 100
174 71.4 0.0 145.0
176 70.0 0.0 142.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

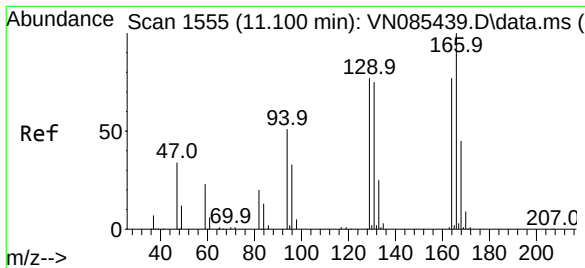
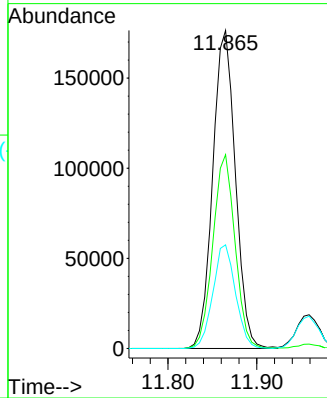
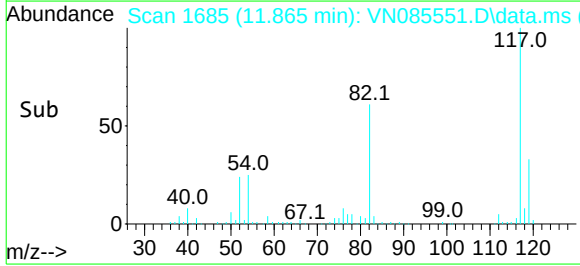
Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01



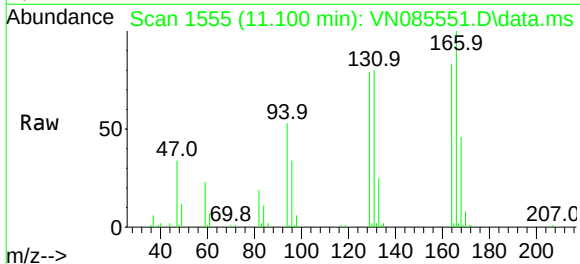
Tgt Ion:117 Resp: 313028
Ion Ratio Lower Upper
117 100
82 60.9 48.6 72.8
119 32.6 26.6 39.8

Manual Integrations
APPROVED

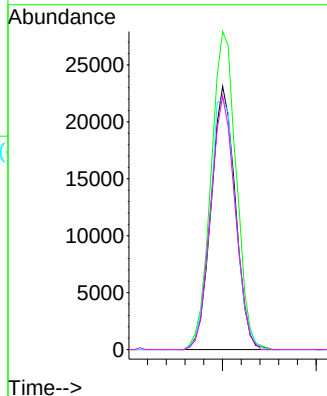
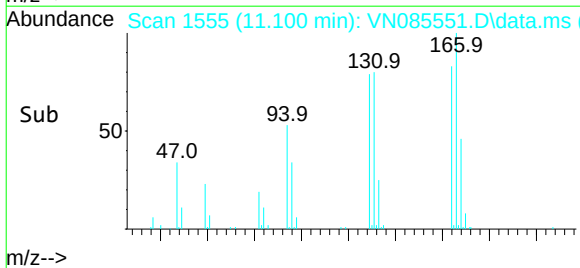
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

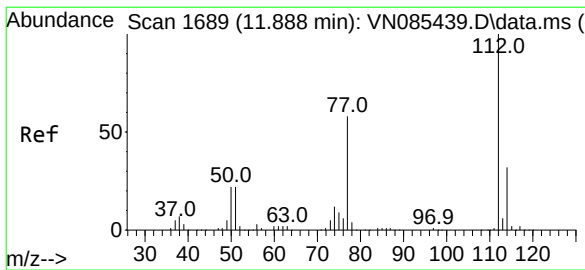


#64
Tetrachloroethene
Concen: 19.355 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30



Tgt Ion:164 Resp: 41303
Ion Ratio Lower Upper
164 100
166 120.8 103.4 155.2
129 94.9 79.2 118.8
131 96.3 77.1 115.7





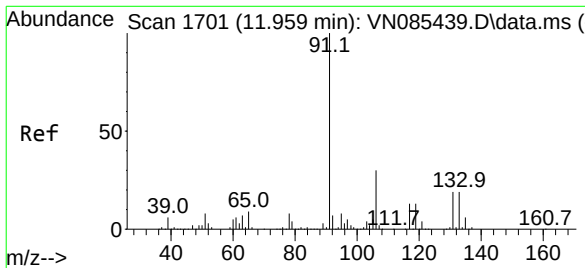
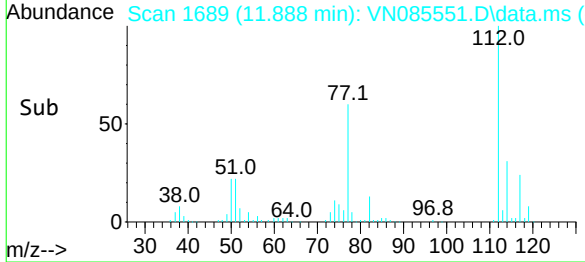
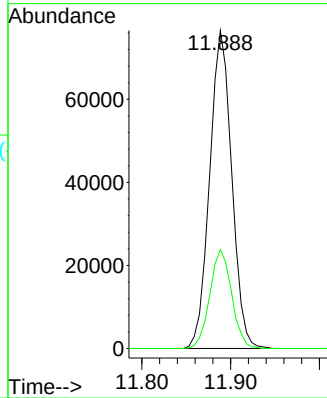
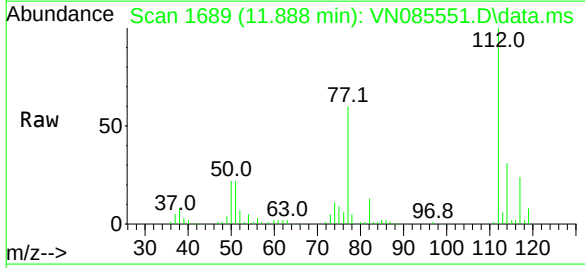
#65
Chlorobenzene
Concen: 19.282 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tgt Ion:112 Resp: 132226
Ion Ratio Lower Upper
112 100
114 31.1 25.3 37.9

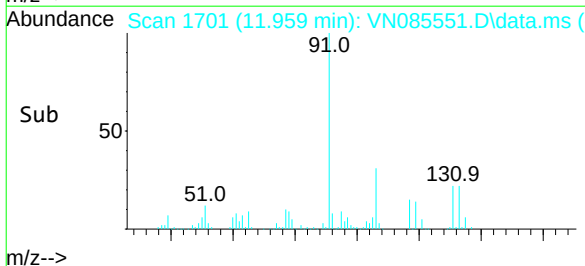
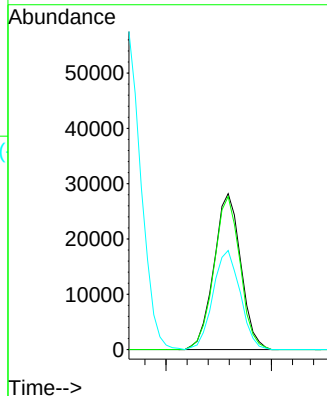
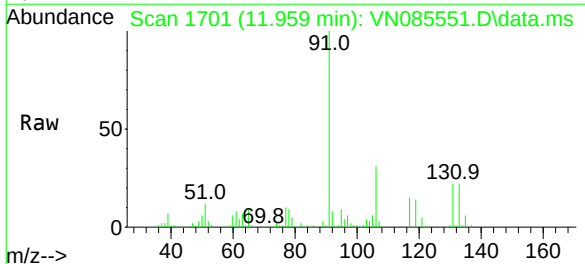
Manual Integrations
APPROVED

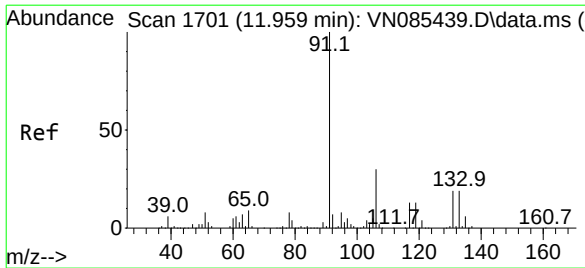
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.907 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Tgt Ion:131 Resp: 50102
Ion Ratio Lower Upper
131 100
133 95.0 47.4 142.3
119 64.1 33.1 99.5





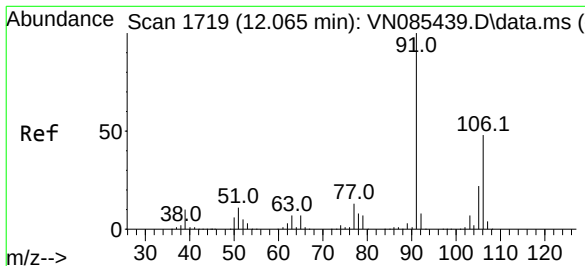
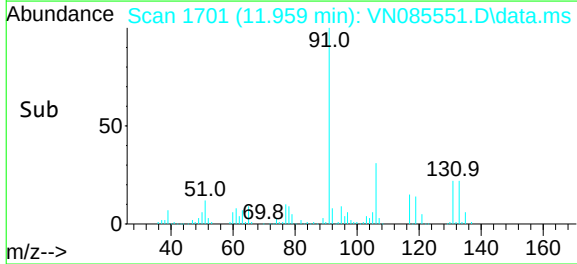
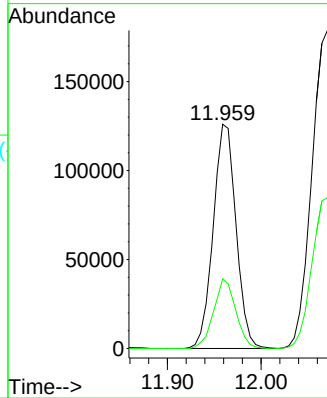
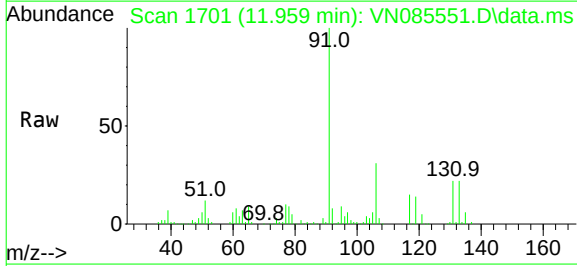
#67
Ethyl Benzene
Concen: 19.113 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tgt Ion: 91 Resp: 213467
Ion Ratio Lower Upper
91 100
106 31.0 23.8 35.8

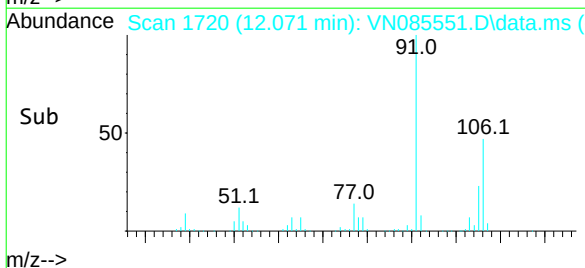
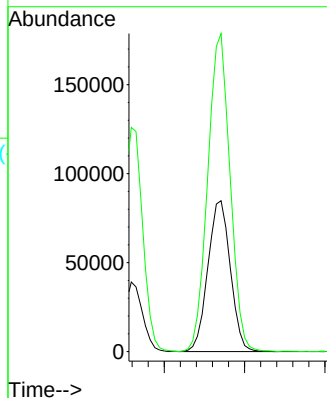
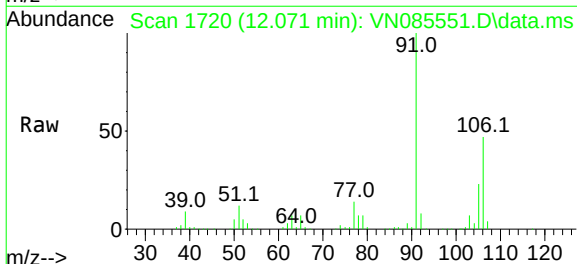
Manual Integrations
APPROVED

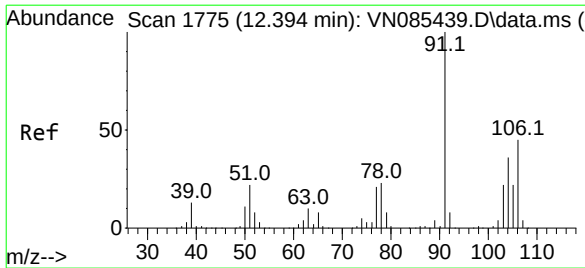
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#68
m/p-Xylenes
Concen: 39.945 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Tgt Ion:106 Resp: 164888
Ion Ratio Lower Upper
106 100
91 209.3 167.7 251.5





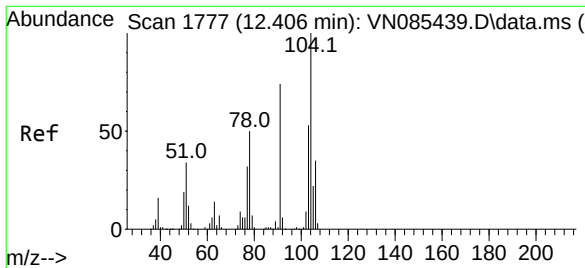
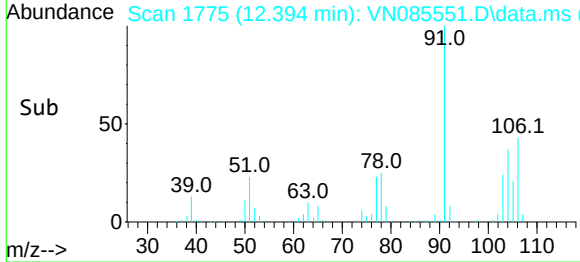
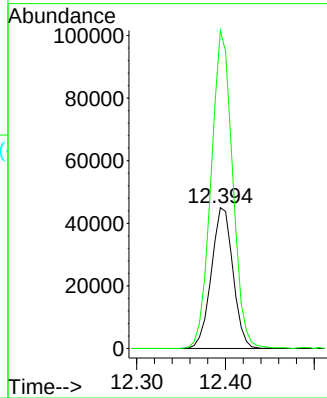
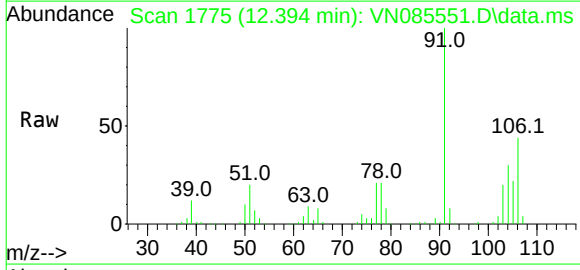
#69
o-Xylene
Concen: 19.288 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tgt Ion:106 Resp: 76089
Ion Ratio Lower Upper
106 100
91 225.3 110.4 331.2

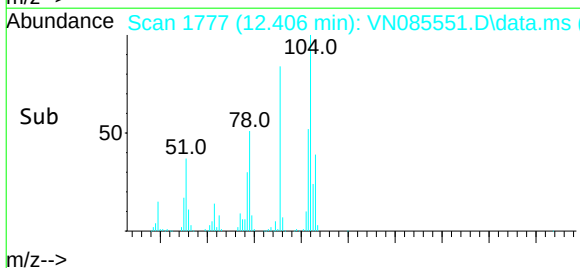
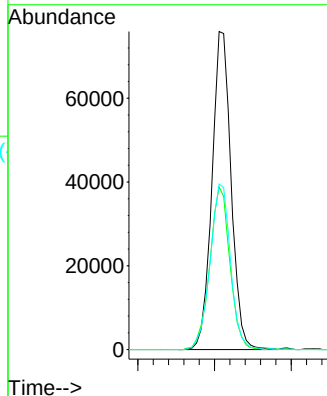
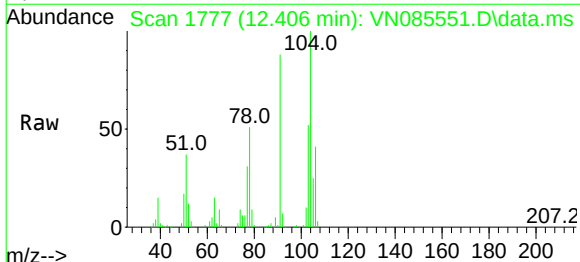
Manual Integrations
APPROVED

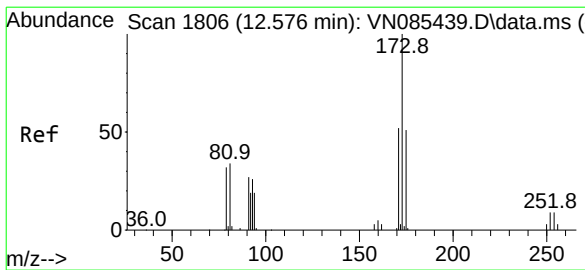
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#70
Styrene
Concen: 20.163 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Tgt Ion:104 Resp: 131635
Ion Ratio Lower Upper
104 100
78 53.6 42.5 63.7
103 55.4 43.8 65.8





#71

Bromoform

Concen: 21.610 ug/l

RT: 12.577 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN085551.D

Acq: 29 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBS01

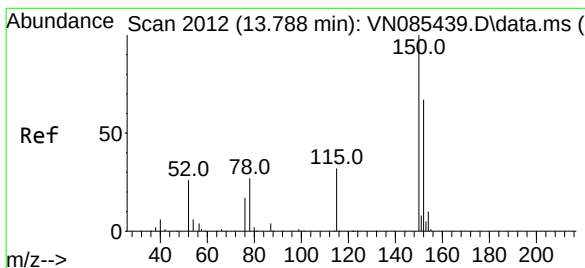
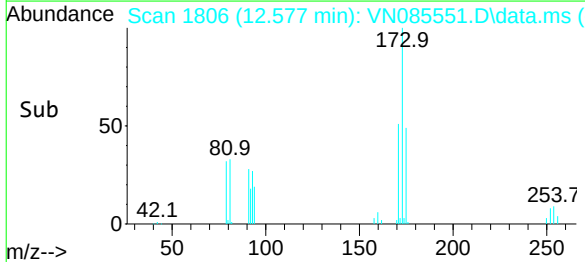
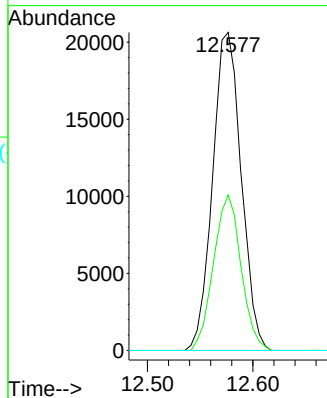
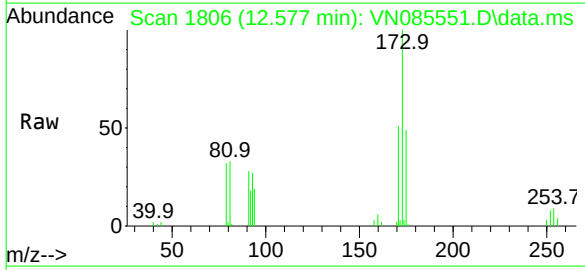
Tgt Ion:	173	Resp:	38916
Ion Ratio	Lower	Upper	
173	100		
175	47.1	24.4	73.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

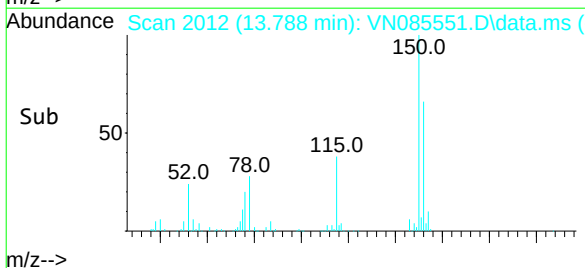
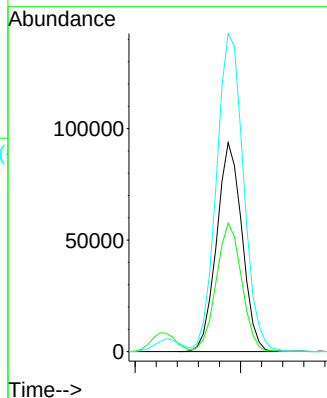
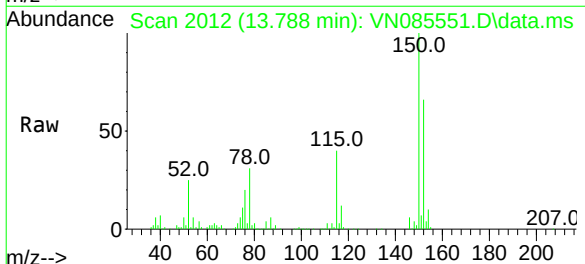
RT: 13.788 min Scan# 2012

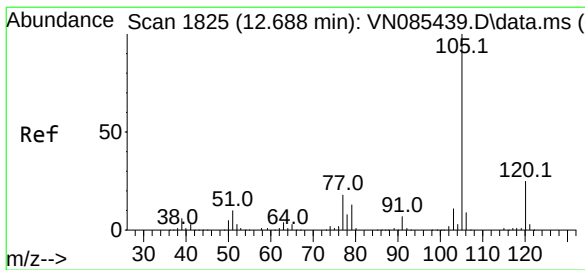
Delta R.T. 0.000 min

Lab File: VN085551.D

Acq: 29 Jan 2025 12:30

Tgt Ion:	152	Resp:	156507
Ion Ratio	Lower	Upper	
152	100		
115	61.7	31.1	93.3
150	163.2	0.0	343.6





#73

Isopropylbenzene

Concen: 18.507 ug/l

RT: 12.694 min Scan# 1825

Delta R.T. 0.006 min

Lab File: VN085551.D

Acq: 29 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBS01

Tgt Ion: 105 Resp: 195492

Ion Ratio Lower Upper

105 100

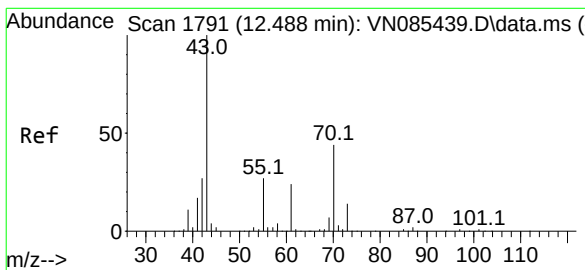
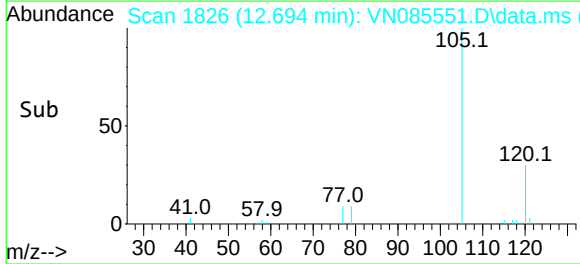
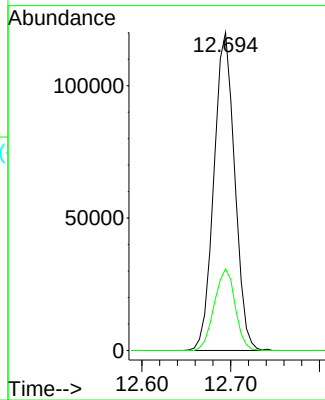
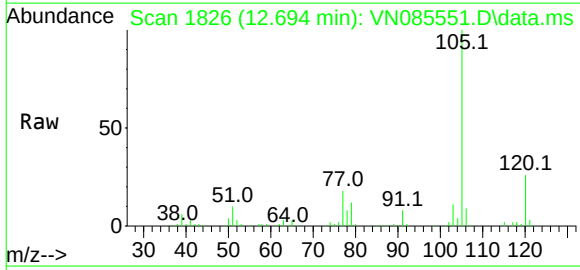
120 25.7 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#74

N-ethyl acetate

Concen: 18.877 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VN085551.D

Acq: 29 Jan 2025 12:30

Tgt Ion: 43 Resp: 89626

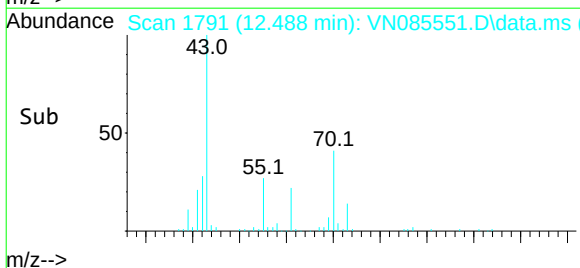
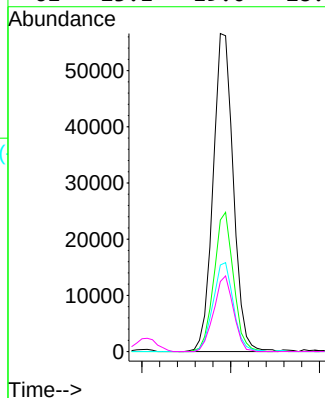
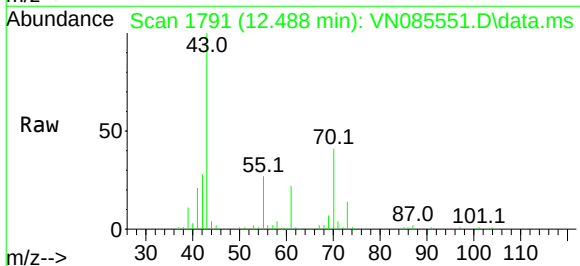
Ion Ratio Lower Upper

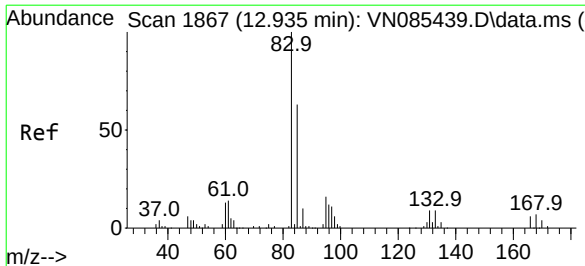
43 100

70 42.2 34.0 51.0

55 28.2 21.4 32.2

61 23.1 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.551 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN085551.D

Acq: 29 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBS01

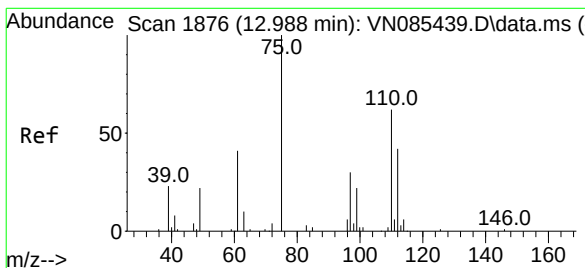
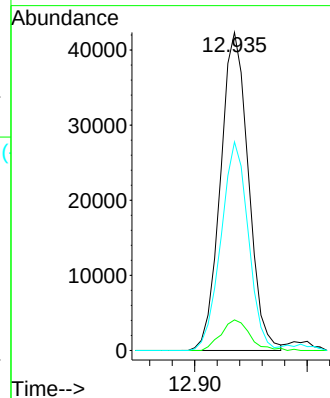
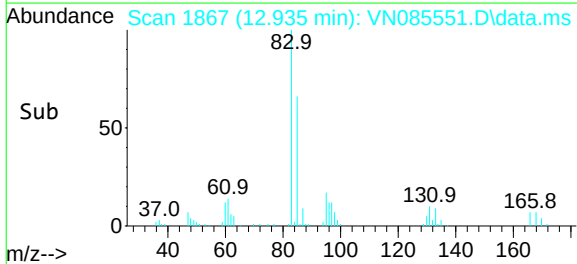
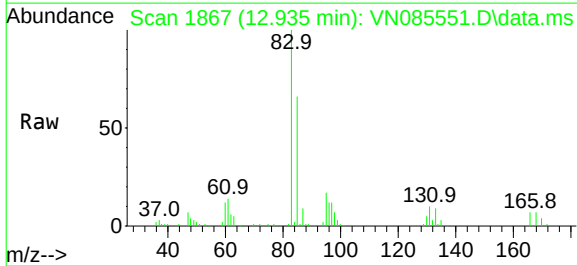
Tgt Ion:	83	Resp:	72950
Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.8	14.4
85	64.4	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#76

1,2,3-Trichloropropane

Concen: 21.554 ug/l m

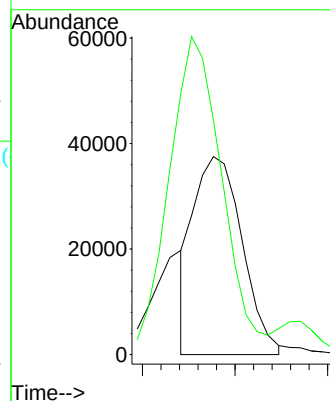
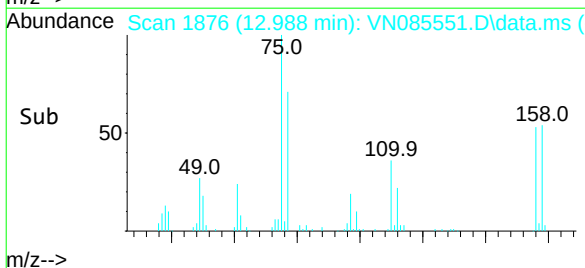
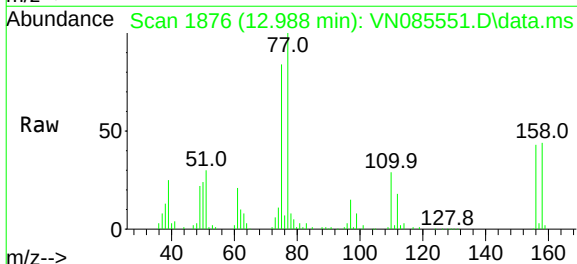
RT: 12.988 min Scan# 1876

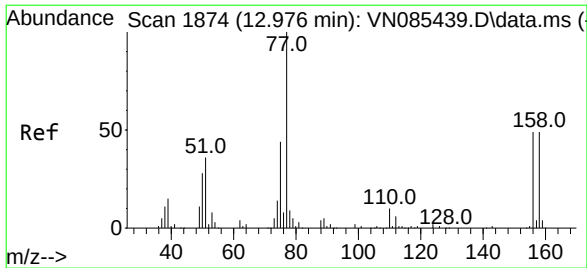
Delta R.T. 0.000 min

Lab File: VN085551.D

Acq: 29 Jan 2025 12:30

Tgt Ion:	75	Resp:	68563
Ion	Ratio	Lower	Upper
75	100		
77	175.4	109.7	329.2





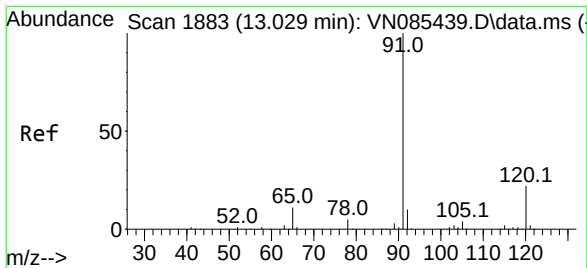
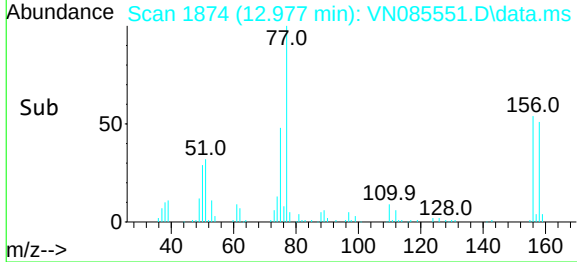
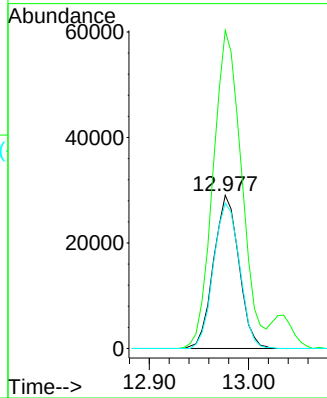
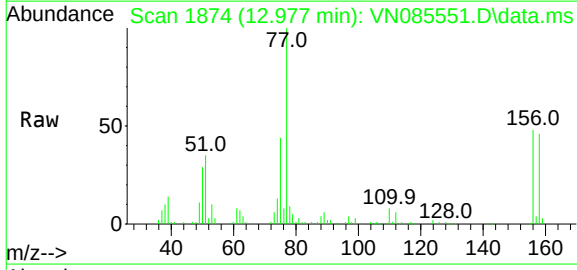
#77
Bromobenzene
Concen: 18.735 ug/l
RT: 12.977 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tgt Ion: 156 Resp: 51702
Ion Ratio Lower Upper
156 100
77 232.6 114.1 342.4
158 97.2 48.9 146.8

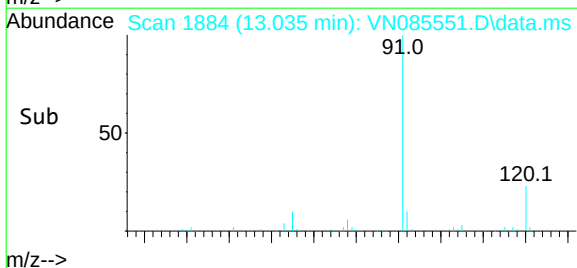
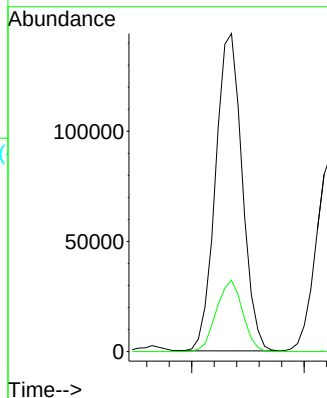
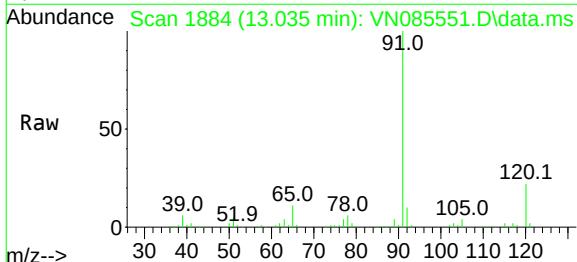
Manual Integrations
APPROVED

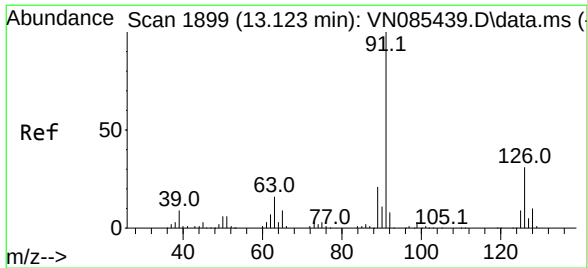
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#78
n-propylbenzene
Concen: 18.943 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Tgt Ion: 91 Resp: 236875
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.6





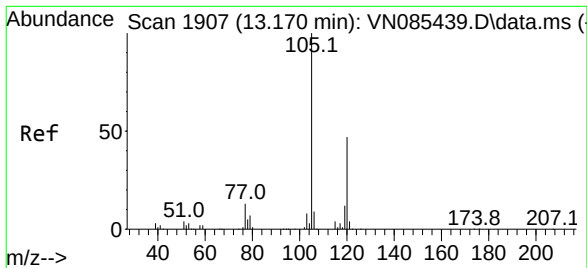
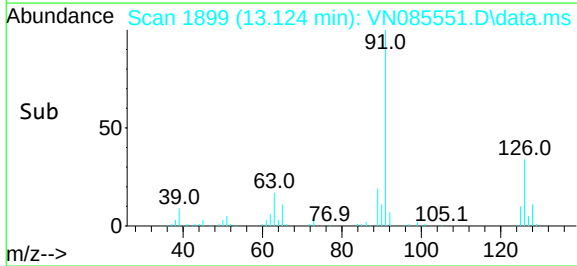
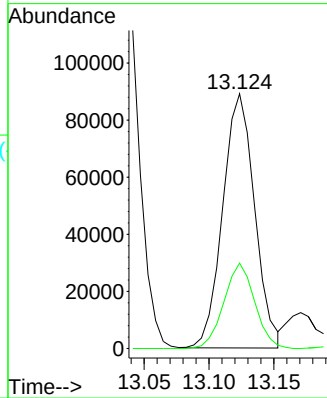
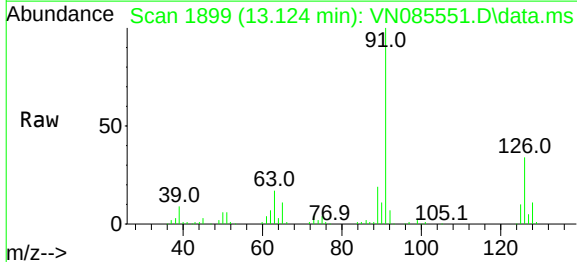
#79
2-Chlorotoluene
Concen: 18.837 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tgt Ion: 91 Resp: 152456
Ion Ratio Lower Upper
91 100
126 32.3 15.7 47.1

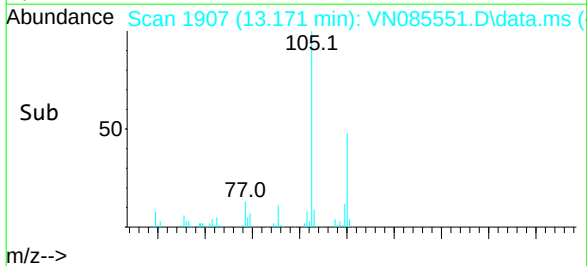
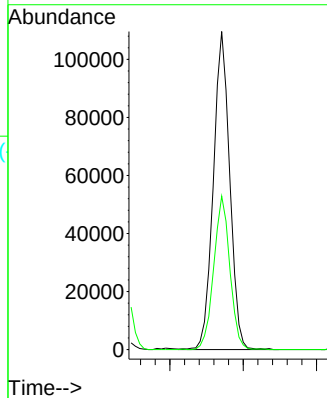
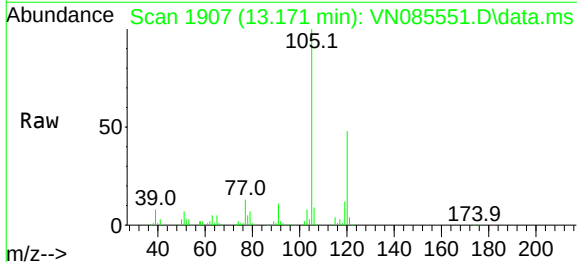
Manual Integrations
APPROVED

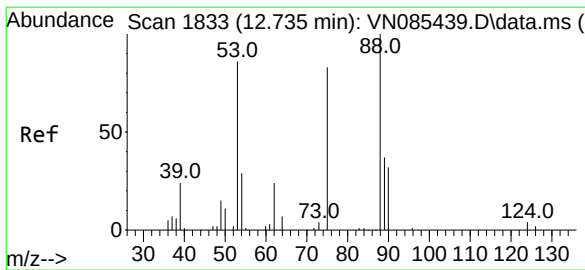
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.515 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Tgt Ion:105 Resp: 170270
Ion Ratio Lower Upper
105 100
120 47.4 23.9 71.7





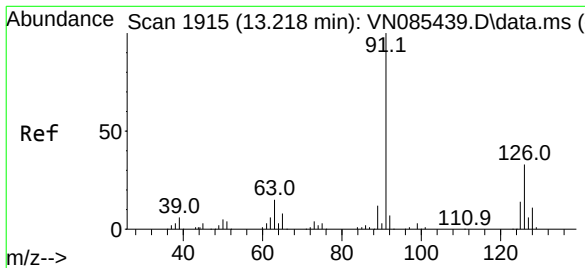
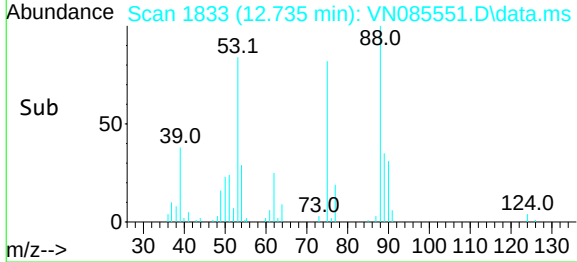
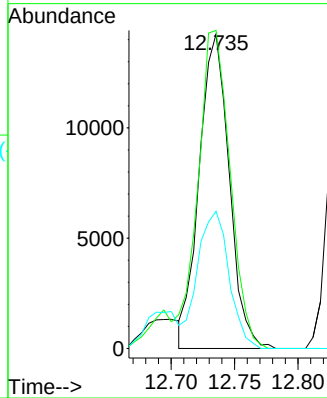
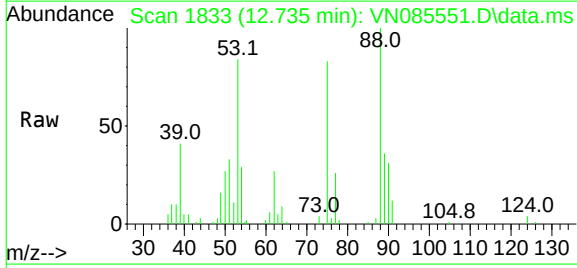
#81
trans-1,4-Dichloro-2-butene
Concen: 19.939 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tgt Ion: 75 Resp: 23443
Ion Ratio Lower Upper
75 100
53 118.0 95.6 143.4
89 46.1 37.0 55.6

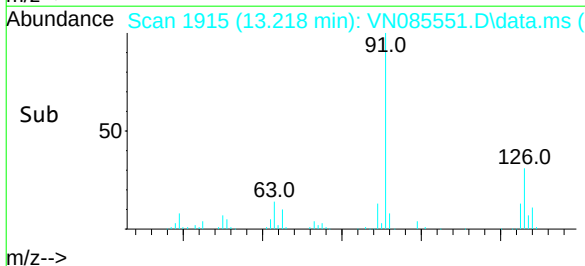
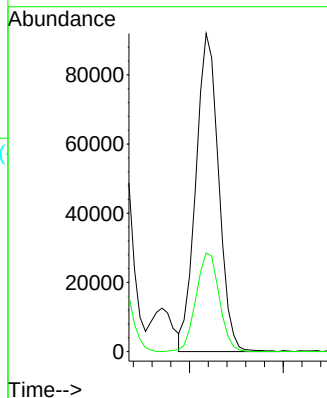
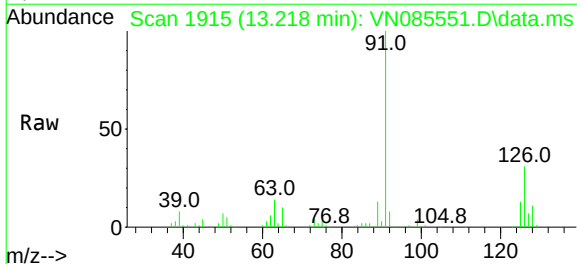
Manual Integrations
APPROVED

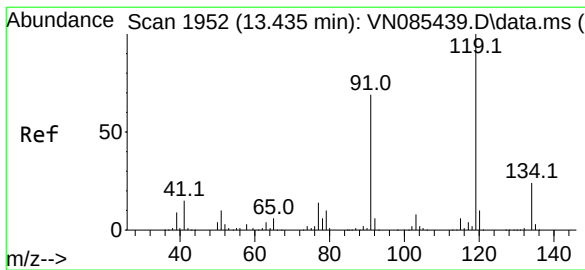
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#82
4-Chlorotoluene
Concen: 19.243 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Tgt Ion: 91 Resp: 155061
Ion Ratio Lower Upper
91 100
126 31.6 15.9 47.7





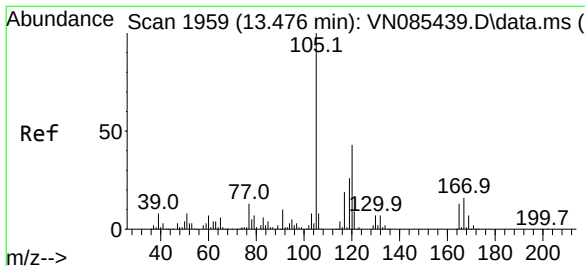
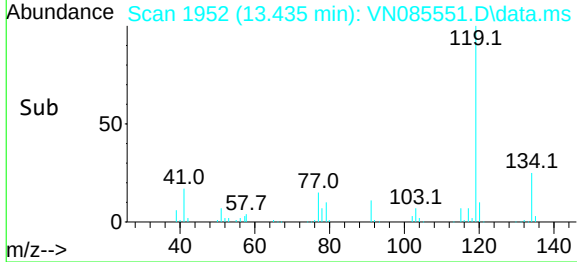
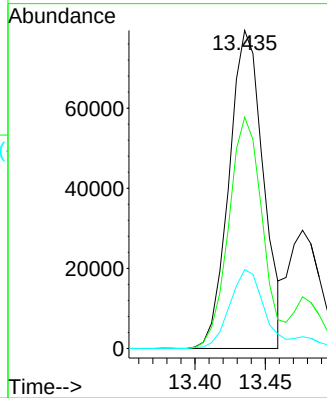
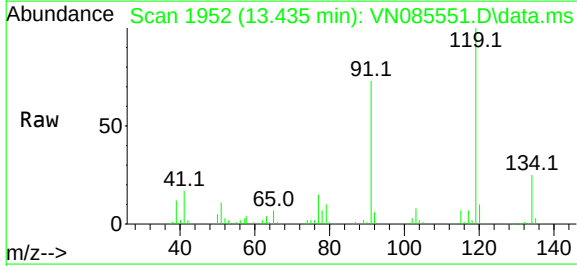
#83
tert-Butylbenzene
Concen: 18.343 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tgt Ion:119 Resp: 134399
Ion Ratio Lower Upper
119 100
91 72.3 35.1 105.3
134 25.4 12.0 36.1

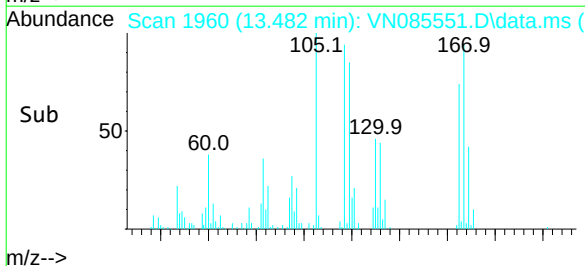
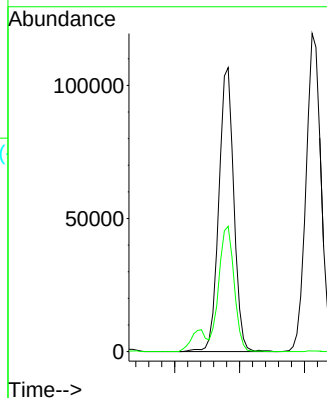
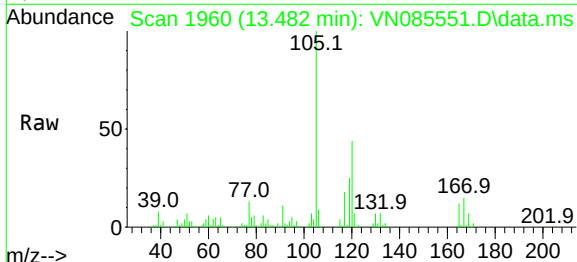
Manual Integrations
APPROVED

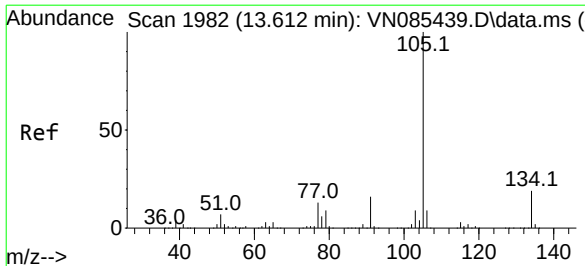
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#84
1,2,4-Trimethylbenzene
Concen: 19.699 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Tgt Ion:105 Resp: 171306
Ion Ratio Lower Upper
105 100
120 44.9 21.6 65.0





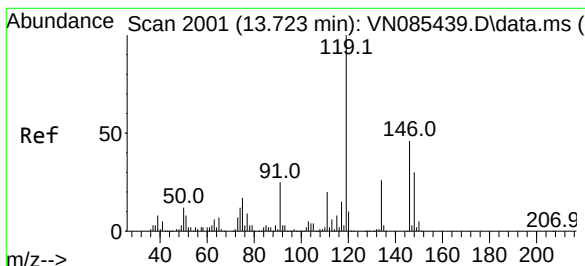
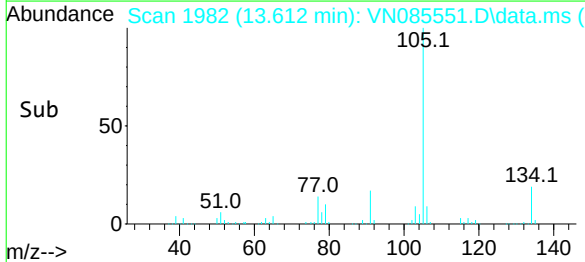
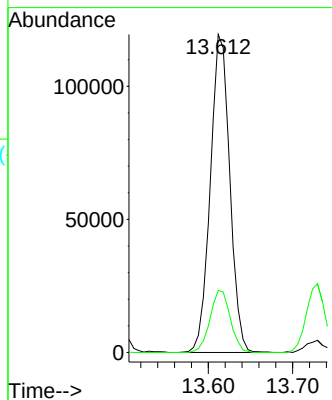
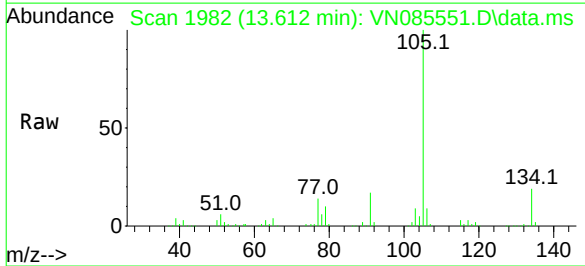
#85
sec-Butylbenzene
Concen: 18.886 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tgt Ion:105 Resp: 191783
Ion Ratio Lower Upper
105 100
134 20.3 9.7 28.9

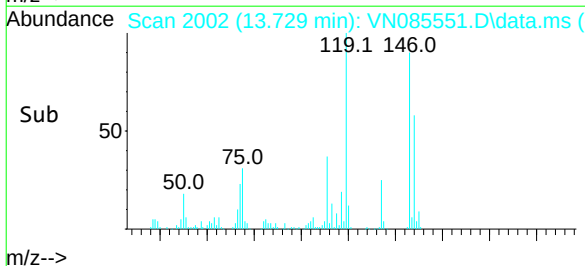
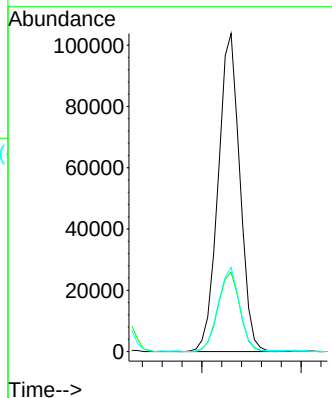
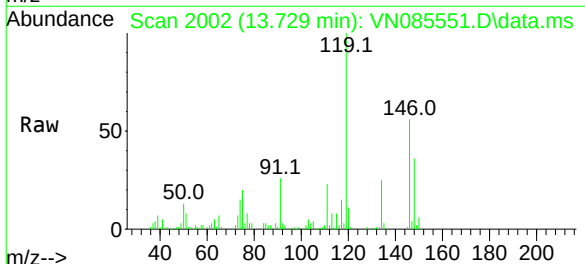
Manual Integrations
APPROVED

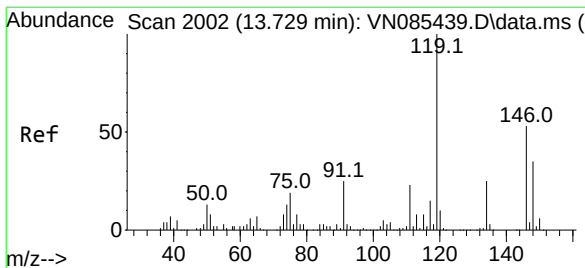
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#86
p-Isopropyltoluene
Concen: 18.681 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Tgt Ion:119 Resp: 157547
Ion Ratio Lower Upper
119 100
134 25.1 12.7 38.0
91 26.6 12.7 38.1





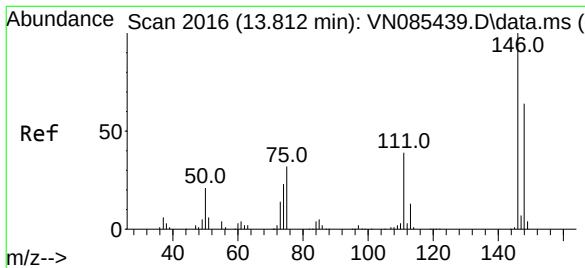
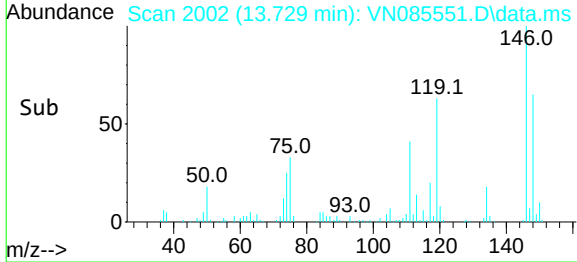
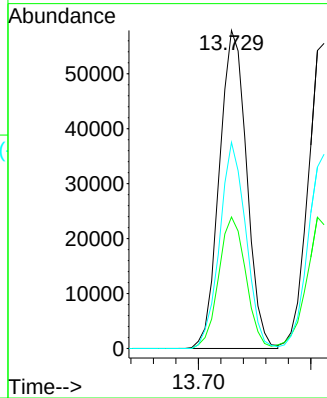
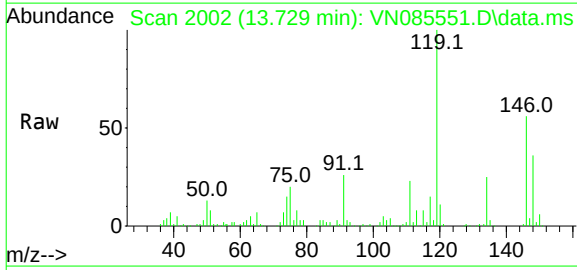
#87
1,3-Dichlorobenzene
Concen: 19.191 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tgt Ion:	146	Resp:	97536
Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.4	64.3
148	62.3	32.3	96.9

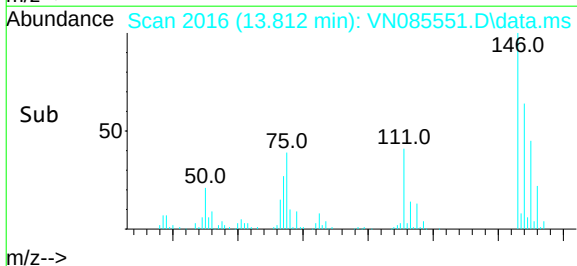
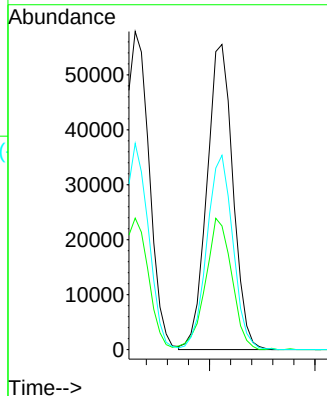
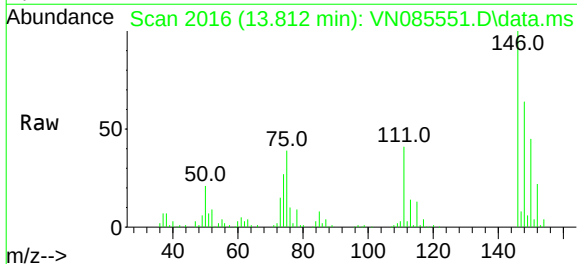
Manual Integrations
APPROVED

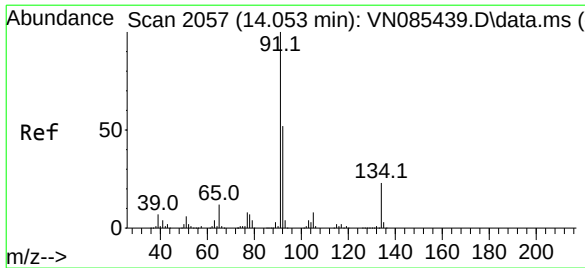
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#88
1,4-Dichlorobenzene
Concen: 18.119 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Tgt Ion:	146	Resp:	95449
Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.3	63.7
148	63.8	32.4	97.0





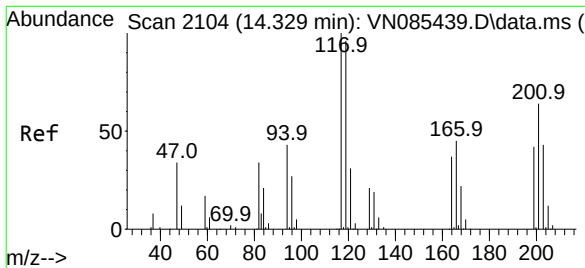
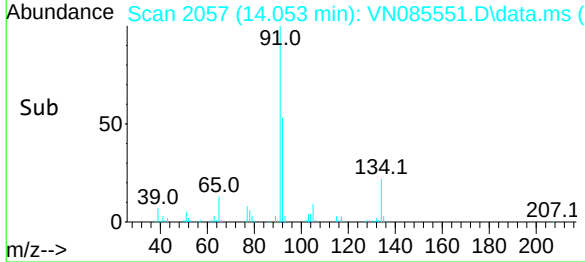
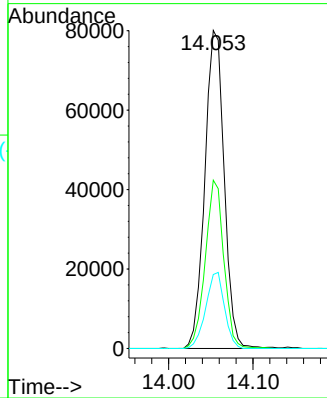
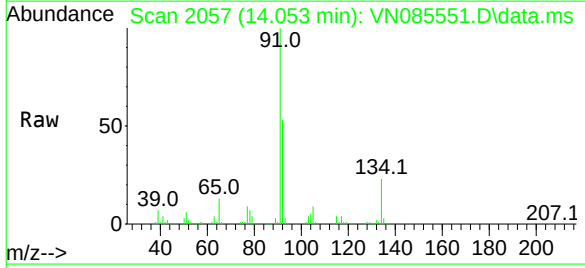
#89
n-Butylbenzene
Concen: 17.567 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tgt Ion: 91 Resp: 127980
Ion Ratio Lower Upper
91 100
92 50.6 25.8 77.3
134 23.1 11.7 35.1

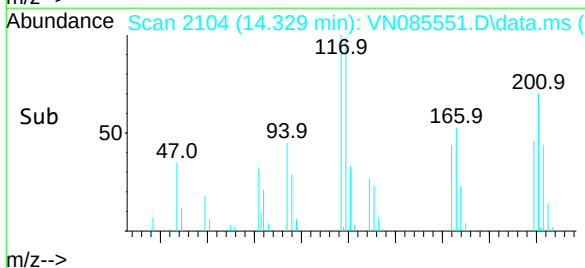
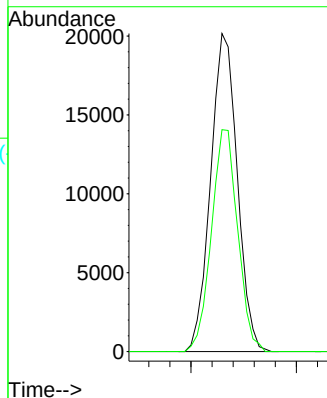
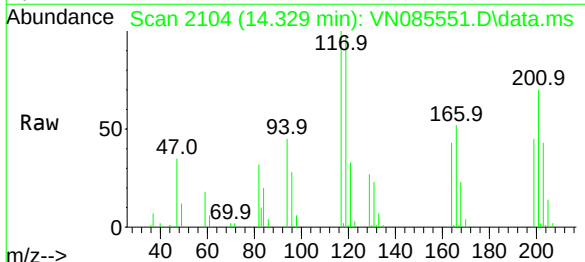
Manual Integrations
APPROVED

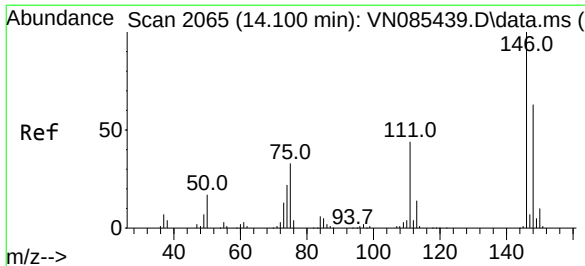
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#90
Hexachloroethane
Concen: 18.339 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Tgt Ion:117 Resp: 35454
Ion Ratio Lower Upper
117 100
201 68.7 33.7 101.0





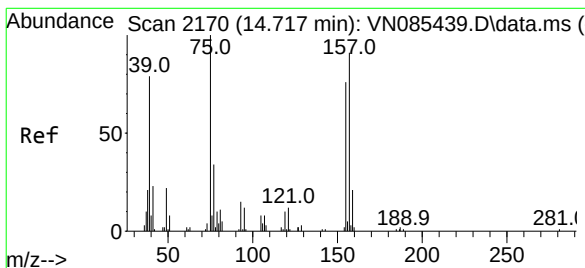
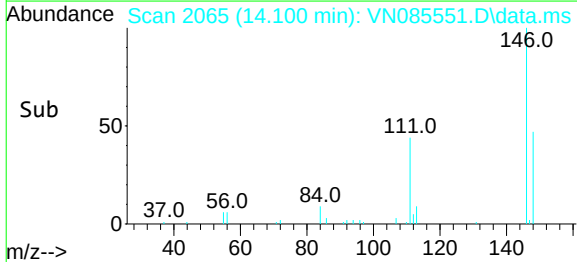
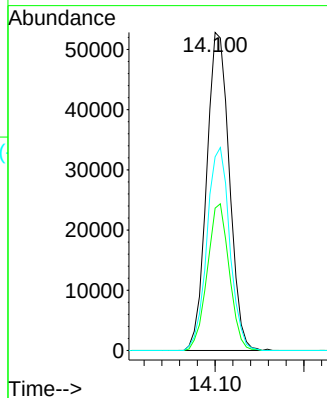
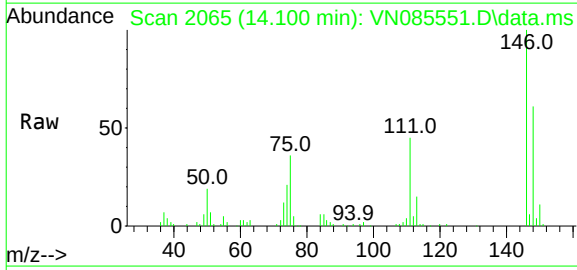
#91
1,2-Dichlorobenzene
Concen: 18.519 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tgt Ion:146 Resp: 93880
Ion Ratio Lower Upper
146 100
111 44.7 21.7 65.1
148 64.1 31.4 94.2

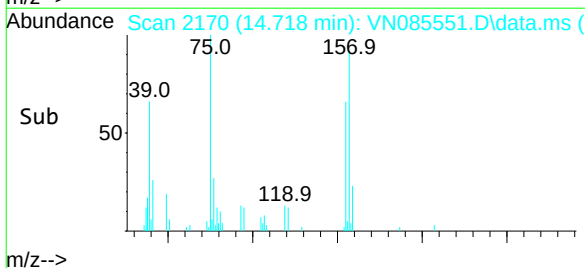
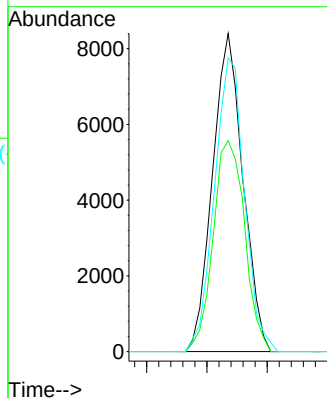
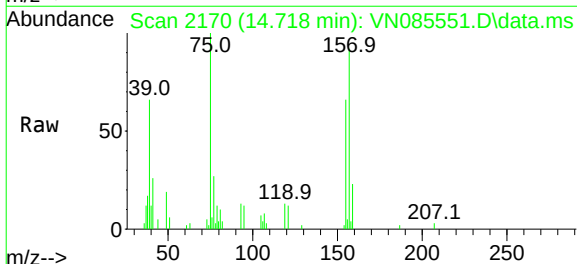
Manual Integrations
APPROVED

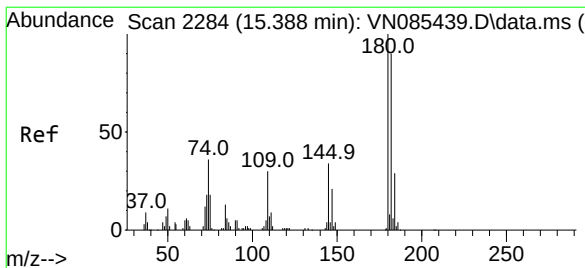
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.617 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085551.D
Acq: 29 Jan 2025 12:30

Tgt Ion: 75 Resp: 14729
Ion Ratio Lower Upper
75 100
155 68.7 36.4 109.2
157 91.5 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 17.479 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN085551.D

Acq: 29 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBS01

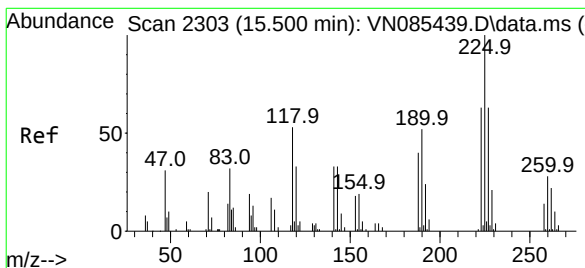
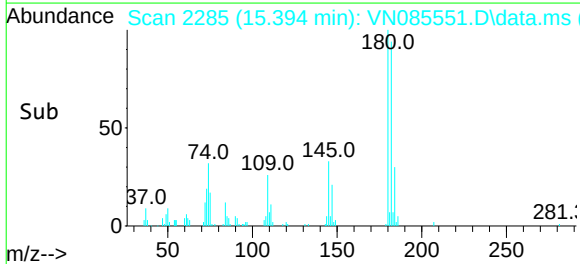
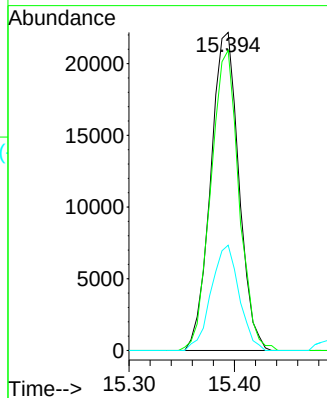
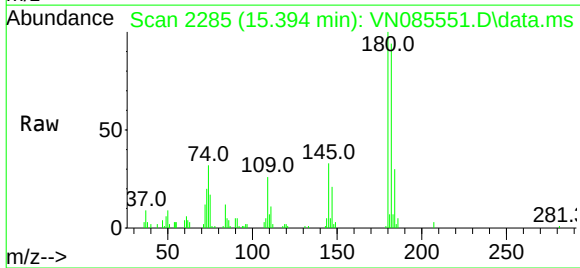
Tgt Ion:	180	Resp:	41183
Ion Ratio	Lower	Upper	
180	100		
182	94.1	46.8	140.3
145	32.9	16.0	48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#94

Hexachlorobutadiene

Concen: 18.126 ug/l

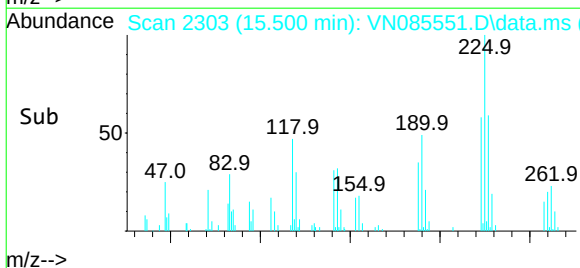
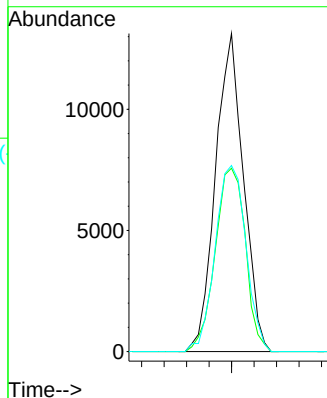
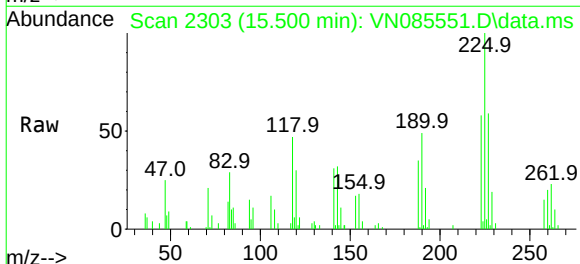
RT: 15.500 min Scan# 2303

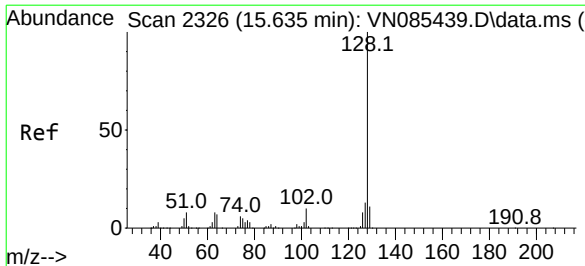
Delta R.T. 0.000 min

Lab File: VN085551.D

Acq: 29 Jan 2025 12:30

Tgt Ion:	225	Resp:	22674
Ion Ratio	Lower	Upper	
225	100		
223	62.3	30.7	92.1
227	64.4	30.9	92.5





#95

Naphthalene

Concen: 16.937 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN085551.D

Acq: 29 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBS01

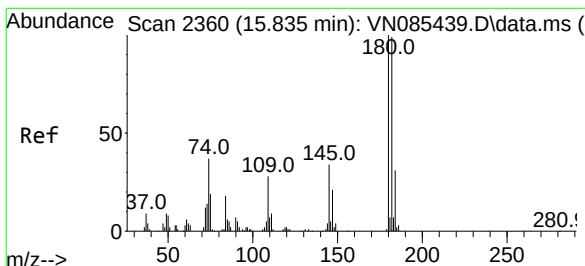
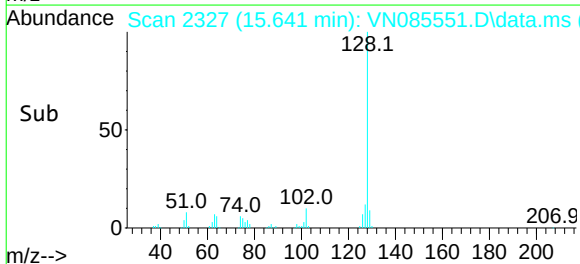
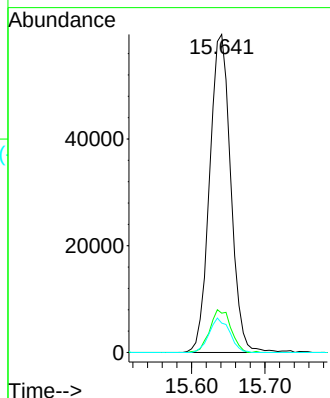
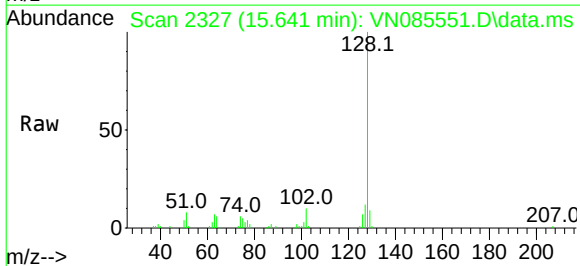
Tgt Ion:	128	Resp:	119085
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	16.0
129	10.5	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#96

1,2,3-Trichlorobenzene

Concen: 17.291 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085551.D

Acq: 29 Jan 2025 12:30

Tgt Ion:	180	Resp:	41222
Ion Ratio	Lower	Upper	
180	100		
182	97.3	47.4	142.2
145	34.0	16.9	50.7

