

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011325\
 Data File : VN085434.D
 Acq On : 13 Jan 2025 18:18
 Operator : JC\MD
 Sample : VN0113WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113WBS01

Quant Time: Jan 13 20:45:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/14/2025
 Supervised By : Mahesh Dadoda 01/14/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	176809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154914	61.430	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.860%			
35) Dibromofluoromethane	8.165	113	111809	58.320	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.640%			
50) Toluene-d8	10.565	98	420658	59.794	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 119.580%#			
62) 4-Bromofluorobenzene	12.847	95	139124	59.546	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 119.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	48371	20.228	ug/l	97
3) Chloromethane	2.359	50	51177	19.042	ug/l	97
4) Vinyl Chloride	2.512	62	50495	17.766	ug/l	99
5) Bromomethane	2.959	94	29364	15.797	ug/l	93
6) Chloroethane	3.124	64	32204	17.866	ug/l	96
7) Trichlorofluoromethane	3.500	101	75595	20.233	ug/l	92
8) Diethyl Ether	3.959	74	23643	19.111	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	42313	19.903	ug/l	97
10) Methyl Iodide	4.594	142	44889	18.246	ug/l	90
11) Tert butyl alcohol	5.524	59	33984	107.619	ug/l	97
12) 1,1-Dichloroethene	4.342	96	37346	19.008	ug/l	94
13) Acrolein	4.177	56	42961	87.262	ug/l	100
14) Allyl chloride	5.024	41	55069	17.512	ug/l	96
15) Acrylonitrile	5.724	53	105111	105.758	ug/l	99
16) Acetone	4.424	43	92515	111.566	ug/l	92
17) Carbon Disulfide	4.712	76	107936	18.058	ug/l #	93
18) Methyl Acetate	5.024	43	57380	22.602	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	121004	18.948	ug/l	99
20) Methylene Chloride	5.277	84	45302	20.311	ug/l	93
21) trans-1,2-Dichloroethene	5.788	96	38470	18.743	ug/l	95
22) Diisopropyl ether	6.665	45	138202	20.395	ug/l	96
23) Vinyl Acetate	6.600	43	477693	97.446	ug/l	98
24) 1,1-Dichloroethane	6.565	63	82467	20.203	ug/l	99
25) 2-Butanone	7.482	43	138795	107.888	ug/l	97
26) 2,2-Dichloropropane	7.482	77	69229	19.358	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	46807	19.430	ug/l	96
28) Bromochloromethane	7.806	49	38086	20.078	ug/l #	100
29) Tetrahydrofuran	7.835	42	93177	112.440	ug/l	97
30) Chloroform	7.965	83	85067	20.370	ug/l	99
31) Cyclohexane	8.253	56	67563	18.126	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	72898	19.546	ug/l	96
36) 1,1-Dichloropropene	8.371	75	57053	20.325	ug/l	98
37) Ethyl Acetate	7.559	43	59245	21.235	ug/l	98
38) Carbon Tetrachloride	8.359	117	65615	21.445	ug/l	96
39) Methylcyclohexane	9.600	83	51930	17.831	ug/l	92
40) Benzene	8.600	78	177263	20.887	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30129	21.086	ug/l	96
42) 1,2-Dichloroethane	8.671	62	67736	22.261	ug/l	99
43) Isopropyl Acetate	8.688	43	93516	20.356	ug/l	99
44) Trichloroethene	9.347	130	38106	18.965	ug/l	99
45) 1,2-Dichloropropane	9.624	63	44014	20.430	ug/l	97
46) Dibromomethane	9.706	93	32135	21.447	ug/l	99
47) Bromodichloromethane	9.882	83	66012	21.197	ug/l #	96
48) Methyl methacrylate	9.676	41	44887	22.518	ug/l	96
49) 1,4-Dioxane	9.694	88	14173	471.235	ug/l #	85
51) 4-Methyl-2-Pentanone	10.441	43	297139	115.095	ug/l	99
52) Toluene	10.629	92	108160	21.404	ug/l	97
53) t-1,3-Dichloropropene	10.829	75	60181	19.651	ug/l	92
54) cis-1,3-Dichloropropene	10.306	75	66483	20.075	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	40319	21.133	ug/l	99
56) Ethyl methacrylate	10.871	69	57603	20.731	ug/l	94
57) 1,3-Dichloropropane	11.159	76	71523	21.359	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	119844	89.146	ug/l	98
59) 2-Hexanone	11.194	43	208901	116.627	ug/l	97
60) Dibromochloromethane	11.359	129	47855	22.269	ug/l	99
61) 1,2-Dibromoethane	11.465	107	39816	21.094	ug/l	99
64) Tetrachloroethene	11.100	164	35615	20.524	ug/l	94
65) Chlorobenzene	11.888	112	112788	19.058	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	41288	20.787	ug/l	98
67) Ethyl Benzene	11.959	91	186735	18.973	ug/l	99
68) m/p-Xylenes	12.065	106	145905	40.509	ug/l	100
69) o-Xylene	12.394	106	65520	18.805	ug/l	93
70) Styrene	12.406	104	113598	20.117	ug/l	97
71) Bromoform	12.576	173	30155	21.920	ug/l #	100
73) Isopropylbenzene	12.694	105	167638	18.266	ug/l	99
74) N-amyl acetate	12.494	43	75904	19.321	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	59549	20.372	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	47334m	19.861	ug/l	
77) Bromobenzene	12.976	156	42686	18.773	ug/l	98
78) n-propylbenzene	13.035	91	202648	18.942	ug/l	99
79) 2-Chlorotoluene	13.123	91	130851	19.434	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	145314	19.575	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	18224m	18.312	ug/l	
82) 4-Chlorotoluene	13.217	91	128820	18.997	ug/l	99
83) tert-Butylbenzene	13.435	119	115532	17.966	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	144854	19.596	ug/l	99
85) sec-Butylbenzene	13.612	105	162480	18.203	ug/l	98
86) p-Isopropyltoluene	13.723	119	133688	17.534	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	77035	18.688	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	77198	18.232	ug/l	98
89) n-Butylbenzene	14.053	91	107369	16.426	ug/l	97
90) Hexachloroethane	14.329	117	29251	19.992	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	74811	19.052	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11062	21.264	ug/l	91
93) 1,2,4-Trichlorobenzene	15.388	180	31910	16.282	ug/l	100
94) Hexachlorobutadiene	15.500	225	16580	17.027	ug/l	96
95) Naphthalene	15.641	128	88990	13.391	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	32067	16.377	ug/l	99

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ClientSampleId :
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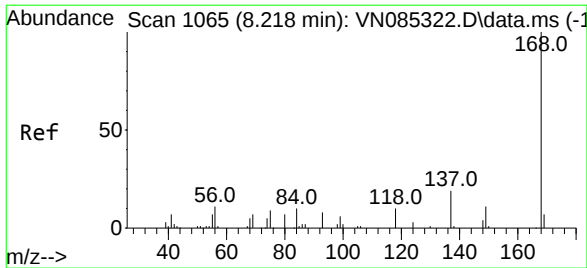
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APPROVED

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Quant Time: Jan 13 20:45:38 2025
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Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
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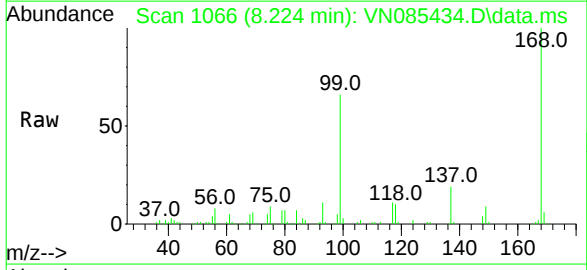
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

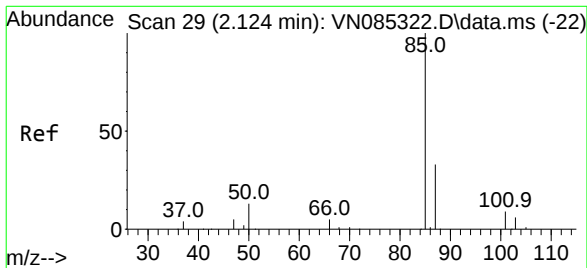
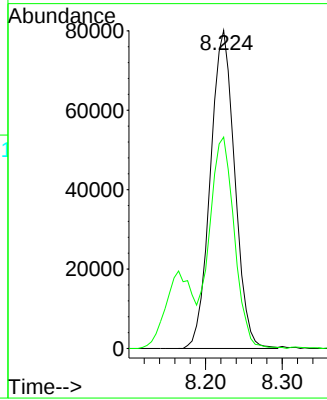
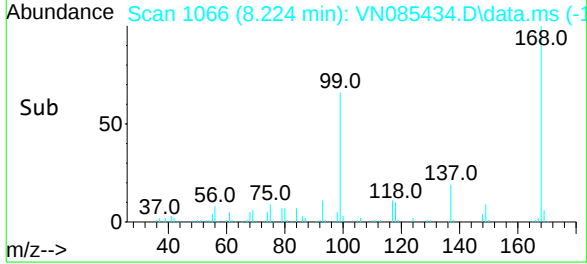
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



Tgt Ion:168 Resp: 176809
Ion Ratio Lower Upper
168 100
99 66.2 51.0 76.4

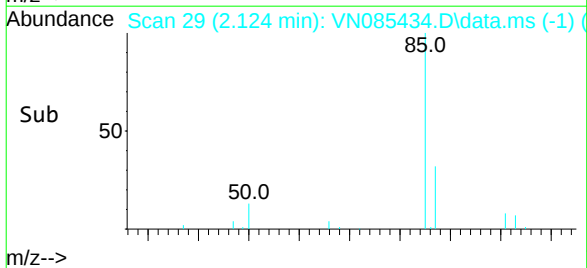
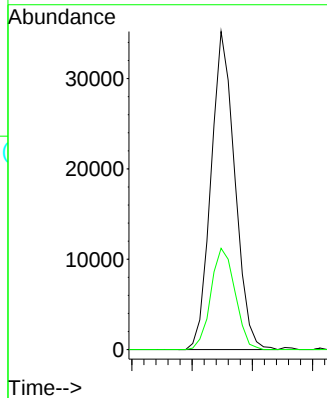
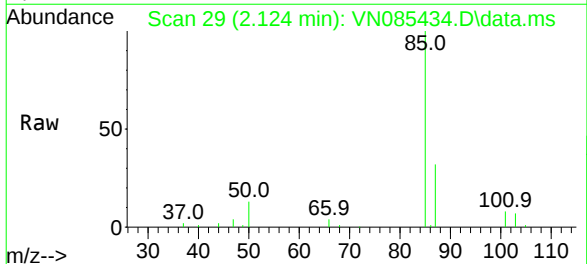
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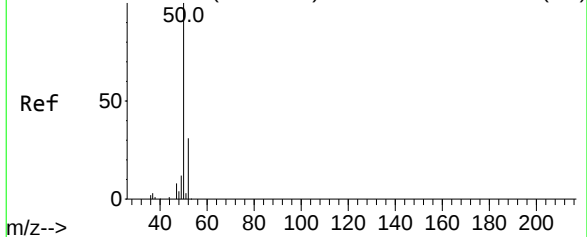


#2
Dichlorodifluoromethane
Concen: 20.228 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Tgt Ion: 85 Resp: 48371
Ion Ratio Lower Upper
85 100
87 31.9 16.8 50.3



Abundance Scan 69 (2.359 min): VN085322.D\data.ms (-62)



#3

Chloromethane

Concen: 19.042 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN085434.D

Acq: 13 Jan 2025 18:18

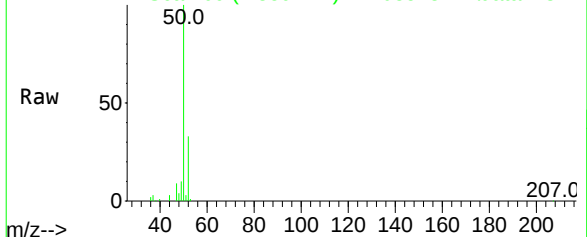
Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

Abundance Scan 69 (2.359 min): VN085434.D\data.ms



Tgt Ion: 50 Resp: 51177

Ion Ratio Lower Upper

50 100

52 33.2 25.1 37.7

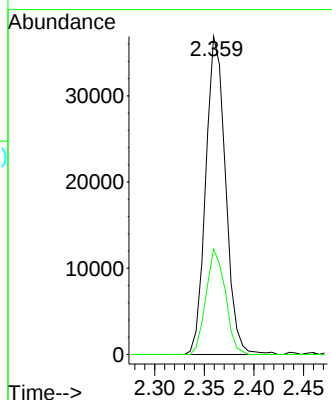
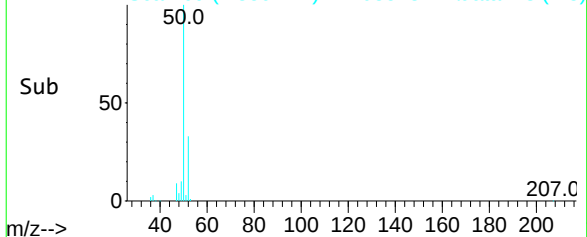
Manual Integrations

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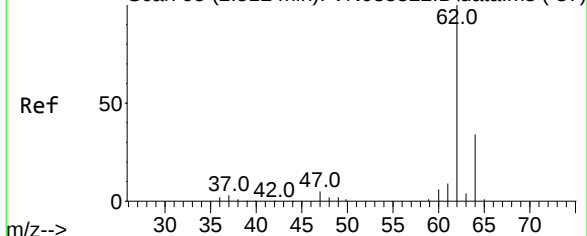
Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025

Abundance Scan 69 (2.359 min): VN085434.D\data.ms (-18)



Abundance Scan 95 (2.512 min): VN085322.D\data.ms (-87)



#4

Vinyl Chloride

Concen: 17.766 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN085434.D

Acq: 13 Jan 2025 18:18

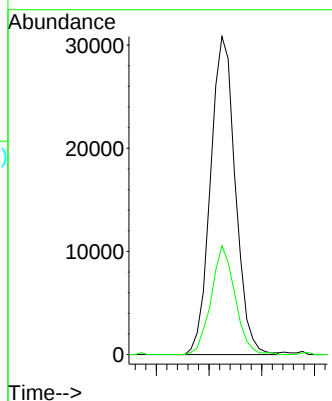
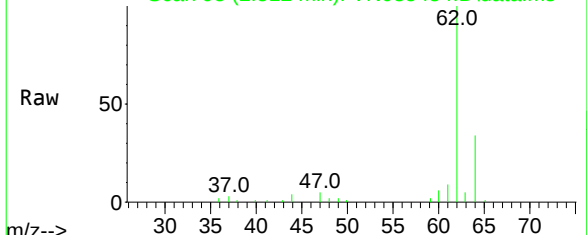
Tgt Ion: 62 Resp: 50495

Ion Ratio Lower Upper

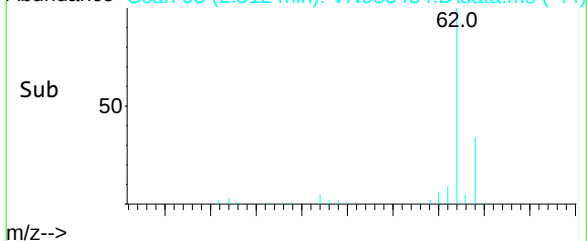
62 100

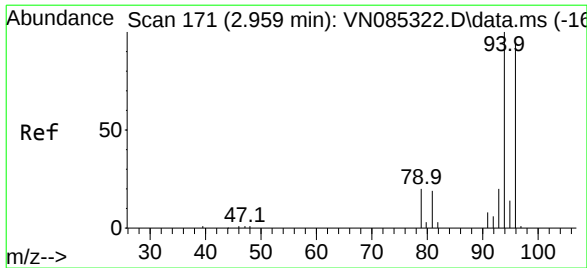
64 34.2 27.0 40.6

Abundance Scan 95 (2.512 min): VN085434.D\data.ms



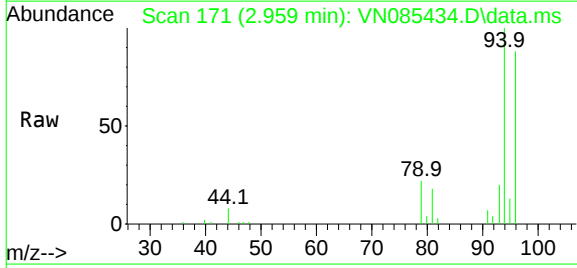
Abundance Scan 95 (2.512 min): VN085434.D\data.ms (-44)





#5
Bromomethane
Concen: 15.797 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

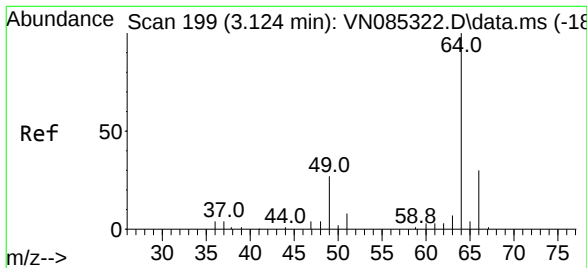
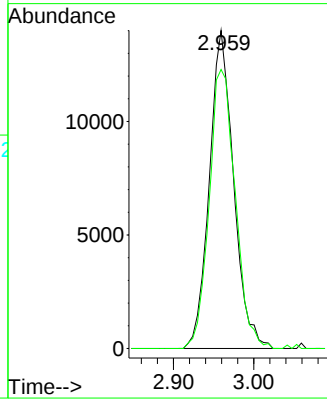
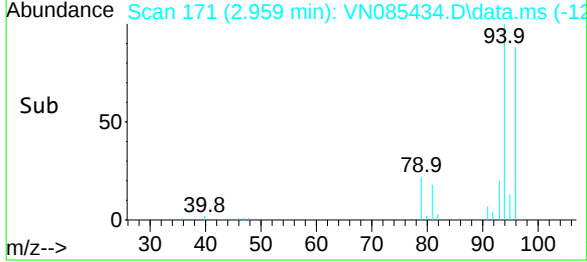
Instrument :
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Tgt Ion: 94 Resp: 29364
Ion Ratio Lower Upper
94 100
96 87.7 75.2 112.8

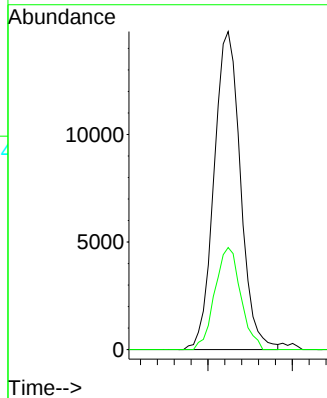
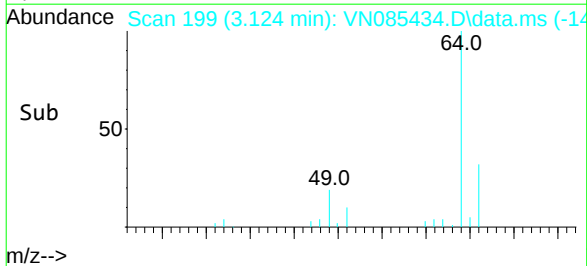
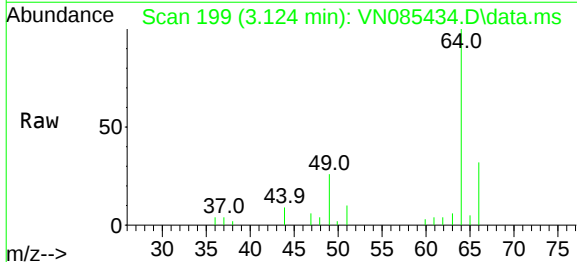
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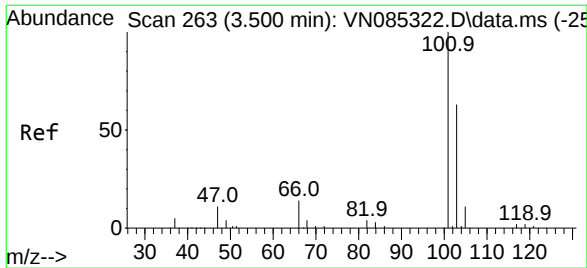
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#6
Chloroethane
Concen: 17.866 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

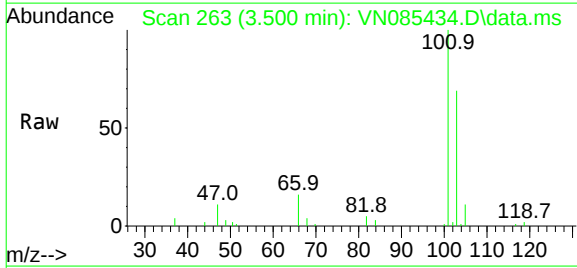
Tgt Ion: 64 Resp: 32204
Ion Ratio Lower Upper
64 100
66 32.1 24.1 36.1





#7
 Trichlorofluoromethane
 Concen: 20.233 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN085434.D
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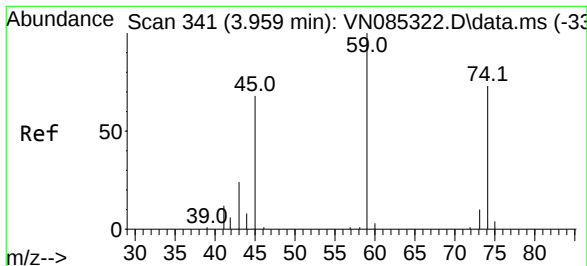
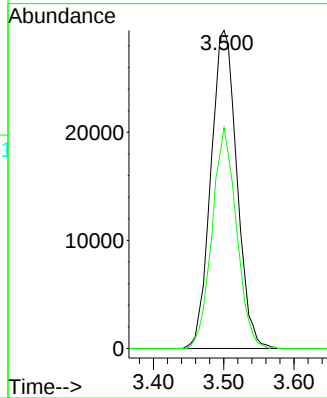
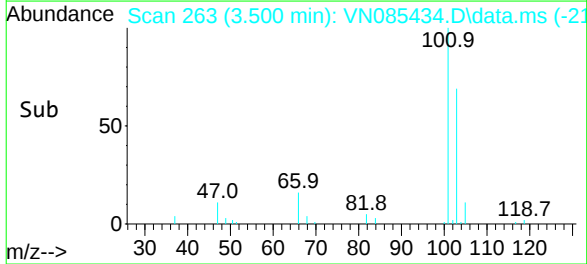
Instrument :
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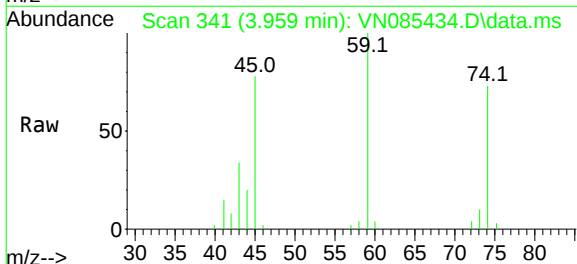
Tgt Ion:101 Resp: 75595
 Ion Ratio Lower Upper
 101 100
 103 69.4 50.3 75.5

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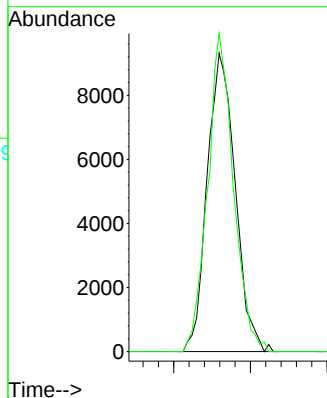
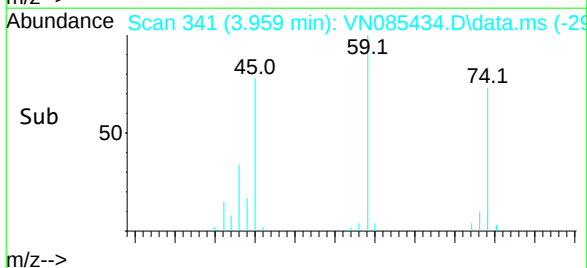
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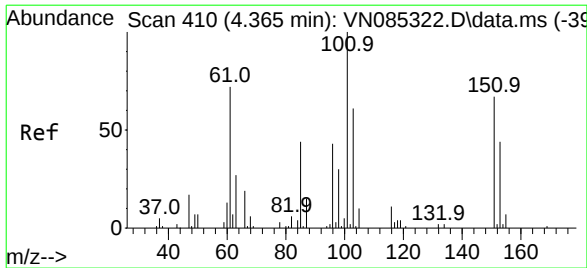


#8
 Diethyl Ether
 Concen: 19.111 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085434.D
 Acq: 13 Jan 2025 18:18



Tgt Ion: 74 Resp: 23643
 Ion Ratio Lower Upper
 74 100
 45 98.4 47.5 142.6





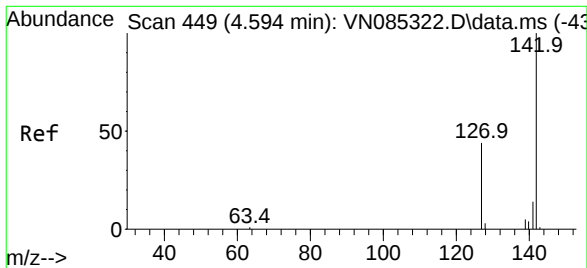
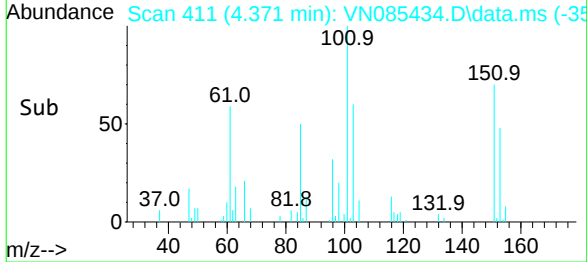
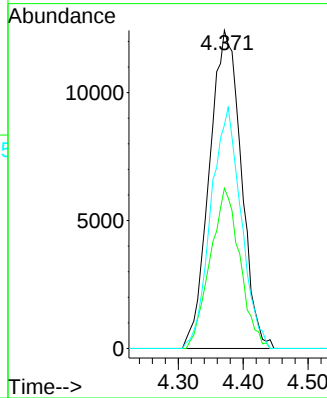
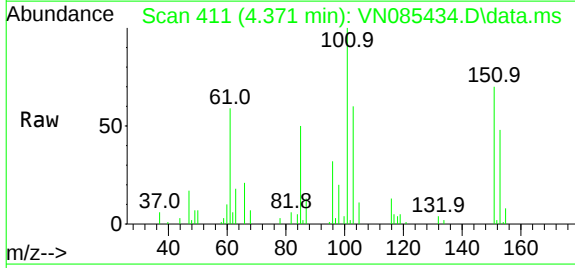
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.903 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion:101 Resp: 42313
Ion Ratio Lower Upper
101 100
85 47.1 36.2 54.4
151 72.0 55.8 83.6

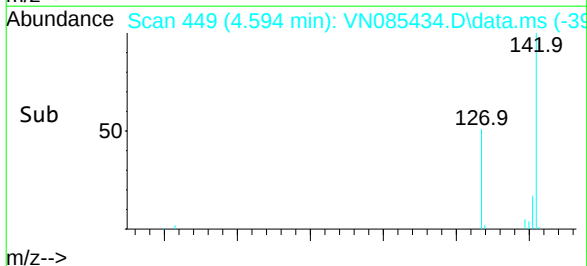
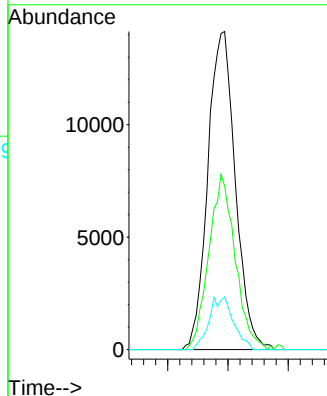
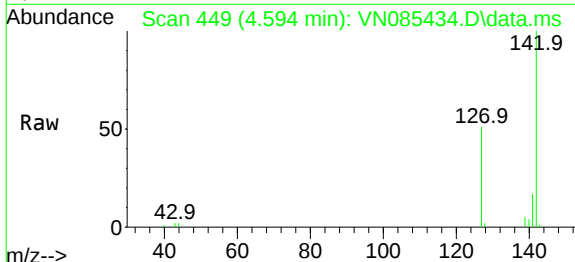
Manual Integrations
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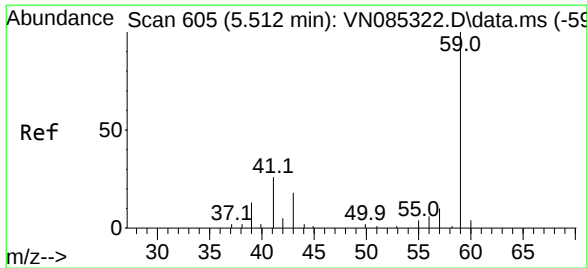
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#10
Methyl Iodide
Concen: 18.246 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Tgt Ion:142 Resp: 44889
Ion Ratio Lower Upper
142 100
127 51.4 35.3 52.9
141 16.5 11.5 17.3





#11

Tert butyl alcohol

Concen: 107.619 ug/l

RT: 5.524 min Scan# 605

Delta R.T. 0.012 min

Lab File: VN085434.D

Acq: 13 Jan 2025 18:18

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

Tgt Ion: 59 Resp: 33984

Ion Ratio Lower Upper

59 100

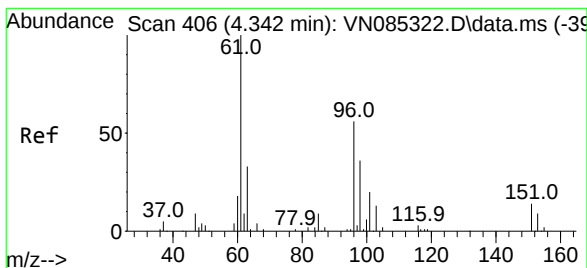
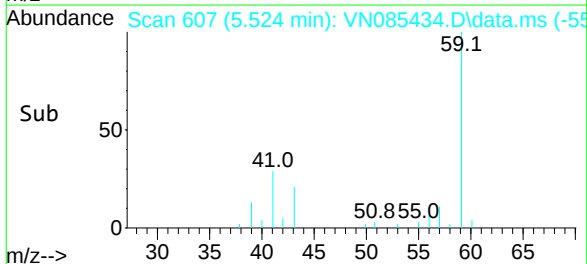
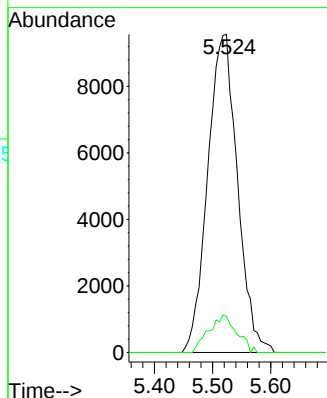
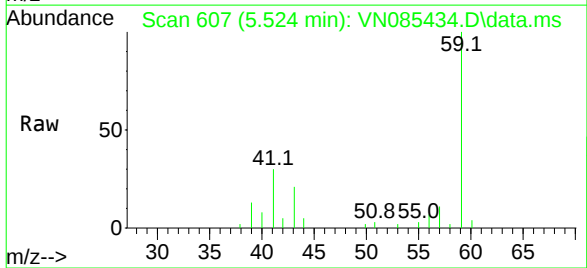
57 11.1 8.1 12.1

Manual Integrations

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Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025



#12

1,1-Dichloroethene

Concen: 19.008 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.000 min

Lab File: VN085434.D

Acq: 13 Jan 2025 18:18

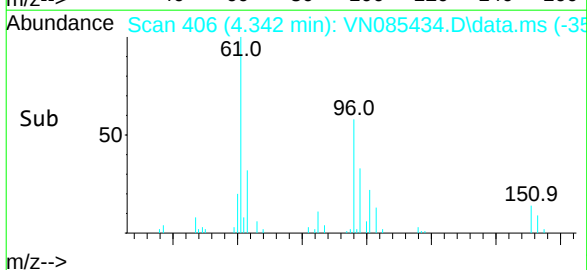
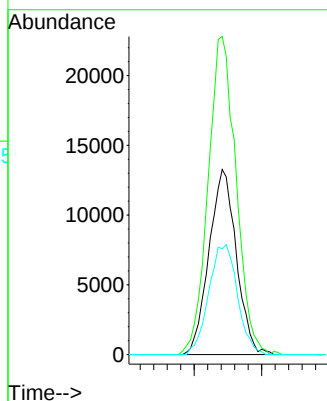
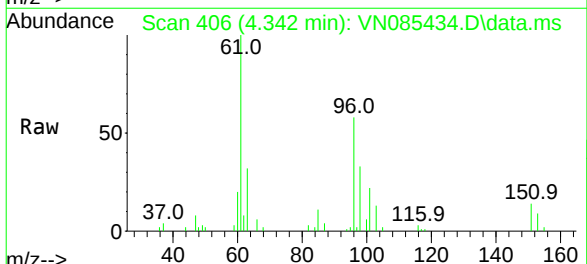
Tgt Ion: 96 Resp: 37346

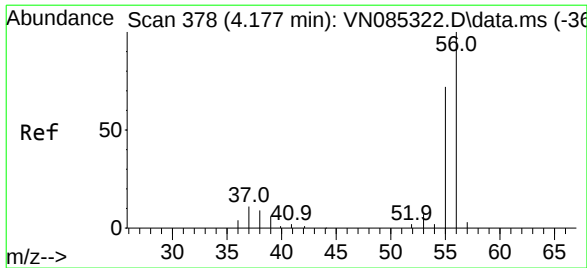
Ion Ratio Lower Upper

96 100

61 171.9 142.4 213.6

98 57.2 51.5 77.3





#13

Acrolein

Concen: 87.262 ug/l

RT: 4.177 min Scan# 37

Delta R.T. 0.000 min

Lab File: VN085434.D

Acq: 13 Jan 2025 18:18

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

Tgt Ion: 56 Resp: 42961

Ion Ratio Lower Upper

56 100

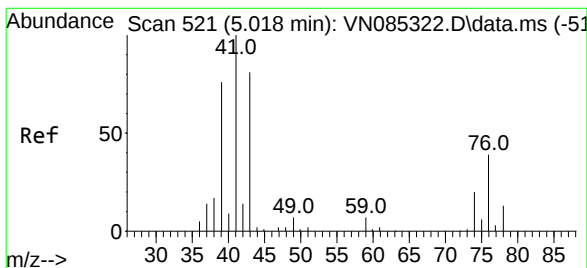
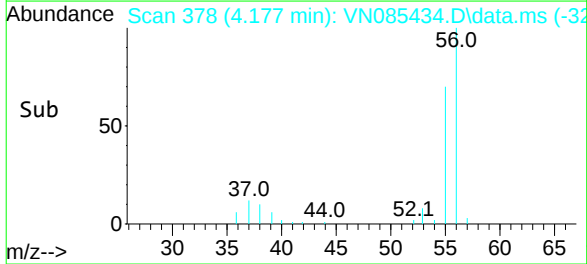
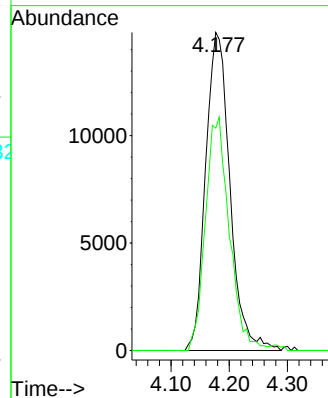
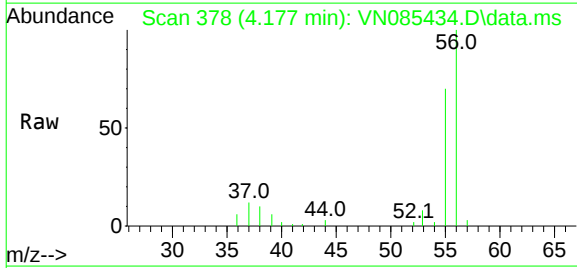
55 72.2 57.5 86.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025



#14

Allyl chloride

Concen: 17.512 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085434.D

Acq: 13 Jan 2025 18:18

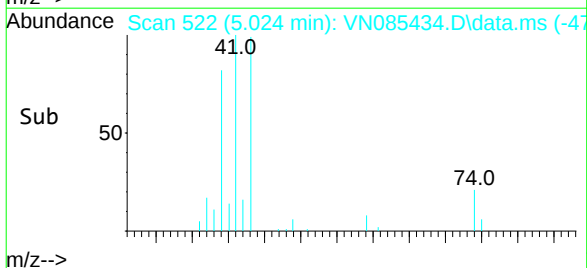
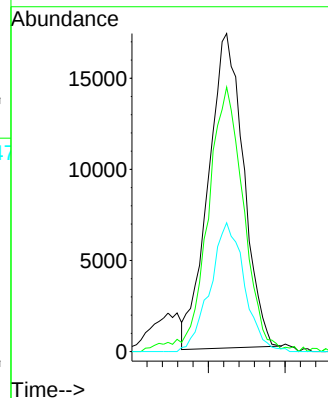
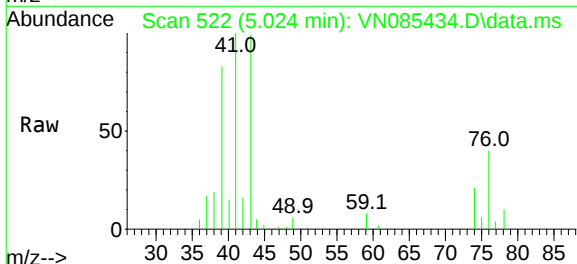
Tgt Ion: 41 Resp: 55069

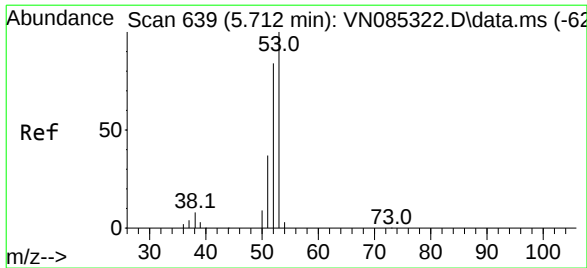
Ion Ratio Lower Upper

41 100

39 85.7 64.4 96.6

76 39.7 31.5 47.3





#15

Acrylonitrile

Concen: 105.758 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.012 min

Lab File: VN085434.D

Acq: 13 Jan 2025 18:18

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

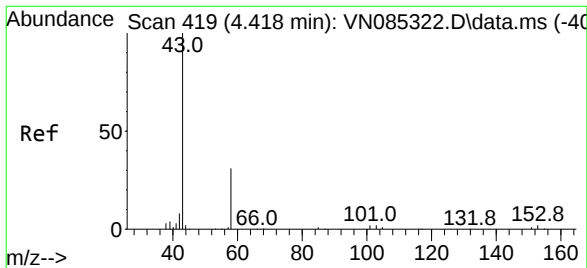
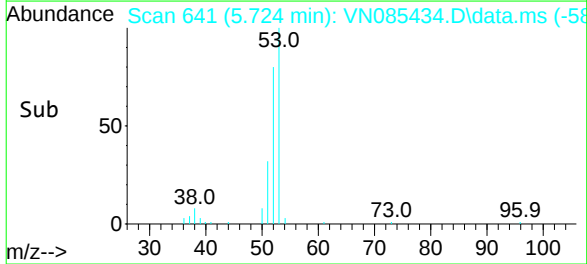
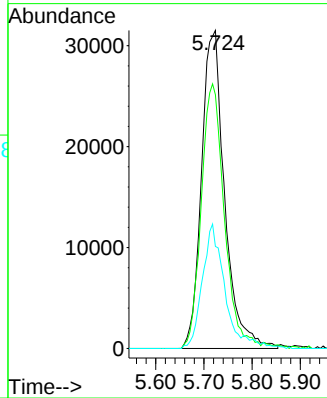
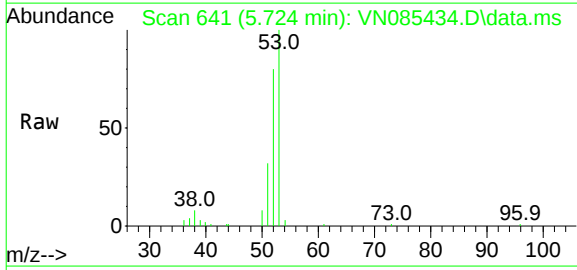
Tgt Ion:	53	Resp:	105111
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.6	100.0
51	38.3	29.6	44.4

Manual Integrations

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Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025



#16

Acetone

Concen: 111.566 ug/l

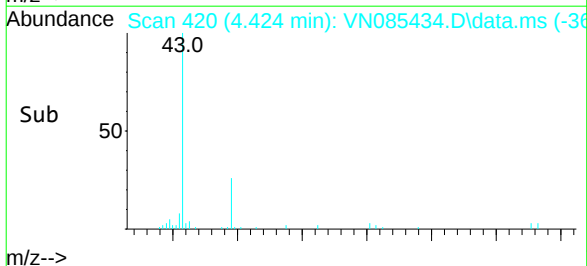
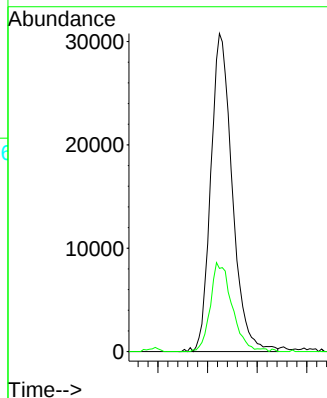
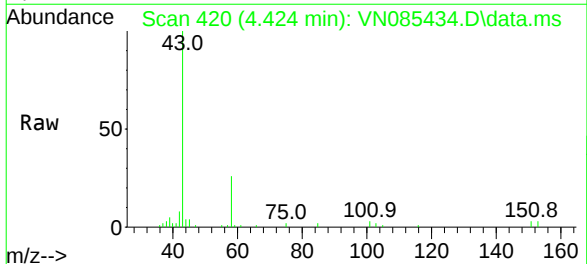
RT: 4.424 min Scan# 420

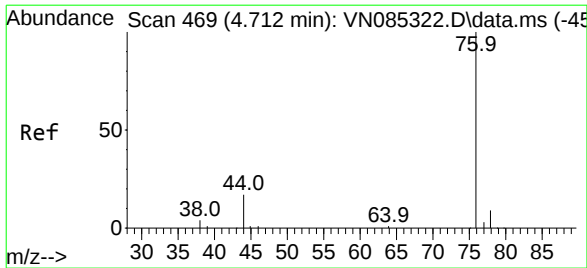
Delta R.T. 0.006 min

Lab File: VN085434.D

Acq: 13 Jan 2025 18:18

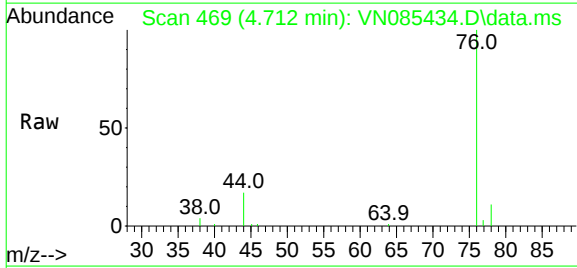
Tgt Ion:	43	Resp:	92515
Ion	Ratio	Lower	Upper
43	100		
58	26.2	24.5	36.7





#17
Carbon Disulfide
Concen: 18.058 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

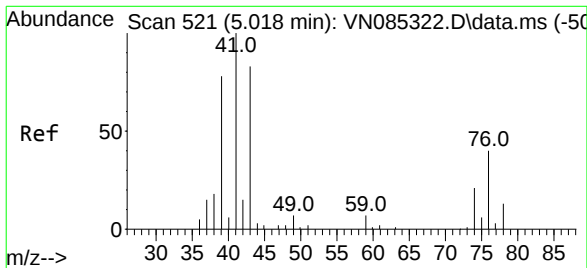
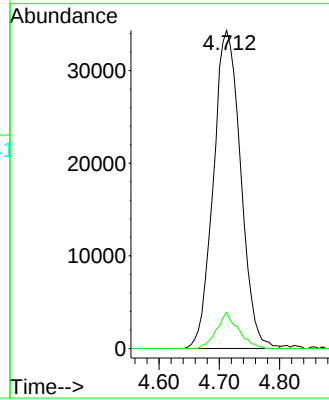
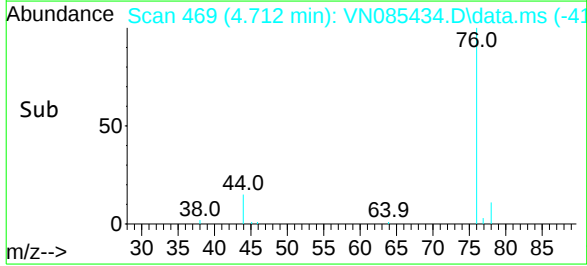
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



Tgt Ion: 76 Resp: 107936
Ion Ratio Lower Upper
76 100
78 11.4 7.2 10.8

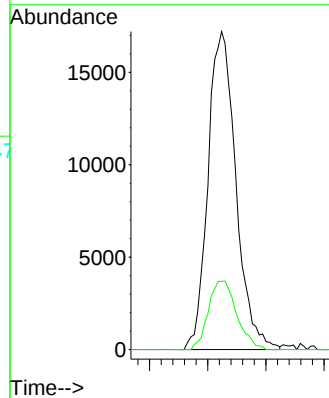
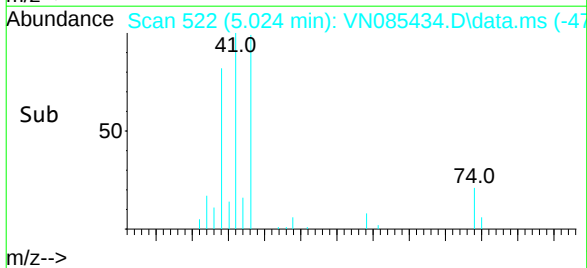
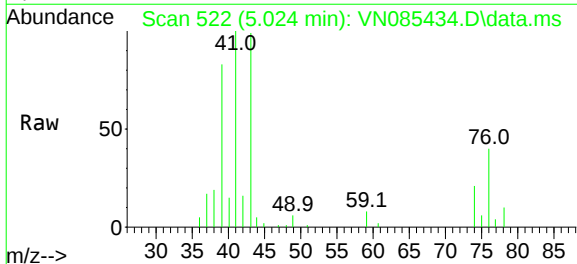
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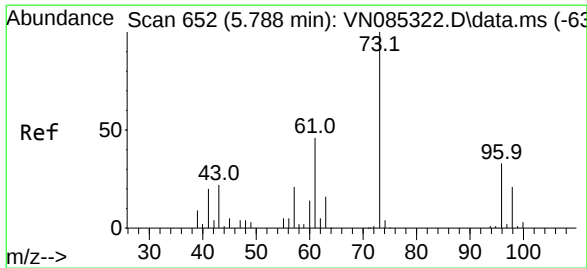
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#18
Methyl Acetate
Concen: 22.602 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Tgt Ion: 43 Resp: 57380
Ion Ratio Lower Upper
43 100
74 21.9 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 18.948 ug/l

RT: 5.794 min Scan# 65

Delta R.T. 0.006 min

Lab File: VN085434.D

Acq: 13 Jan 2025 18:18

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

Tgt Ion: 73 Resp: 121004

Ion Ratio Lower Upper

73 100

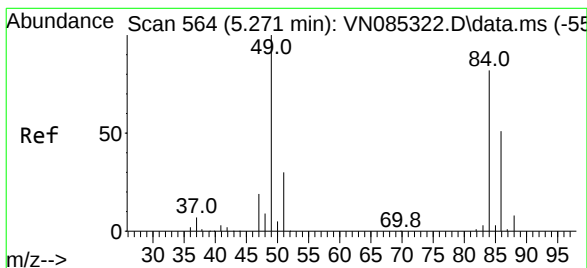
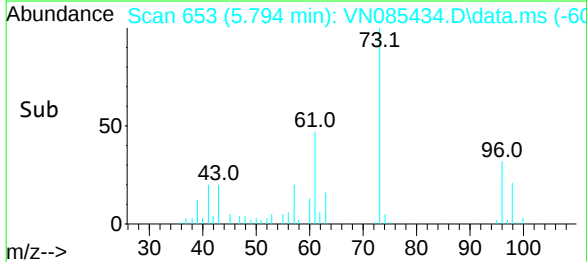
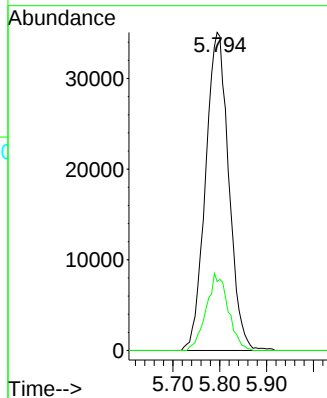
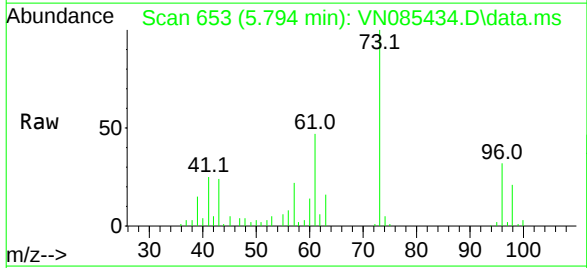
57 21.7 17.0 25.6

Manual Integrations

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Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025



#20

Methylene Chloride

Concen: 20.311 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.006 min

Lab File: VN085434.D

Acq: 13 Jan 2025 18:18

Tgt Ion: 84 Resp: 45302

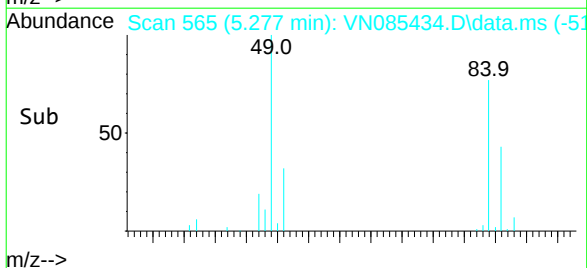
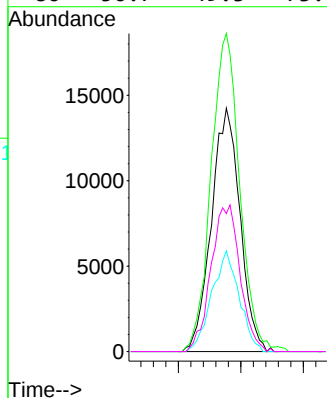
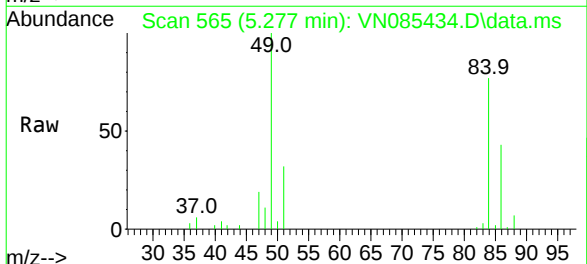
Ion Ratio Lower Upper

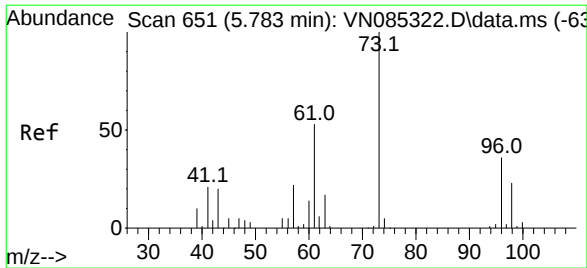
84 100

49 130.7 97.6 146.4

51 41.4 29.1 43.7

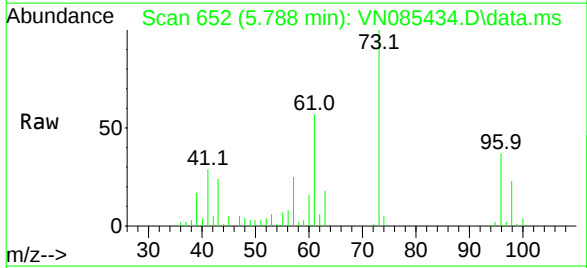
86 56.7 49.3 73.9





#21
trans-1,2-Dichloroethene
Concen: 18.743 ug/l
RT: 5.788 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

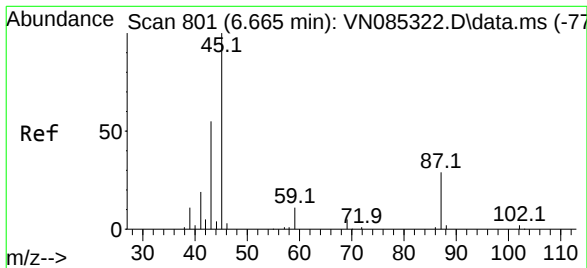
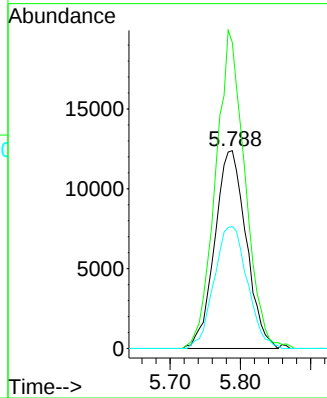
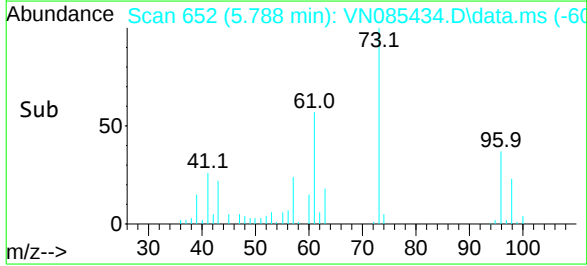
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



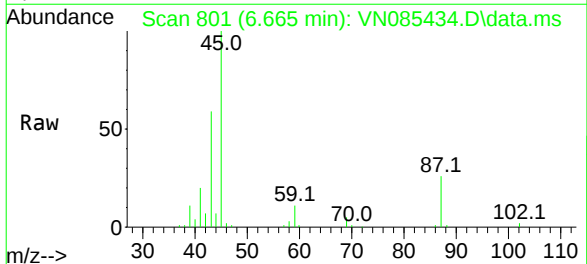
Tgt Ion: 96 Resp: 38470
Ion Ratio Lower Upper
96 100
61 154.8 118.0 177.0
98 61.7 50.6 75.8

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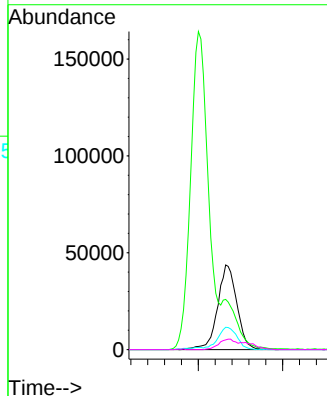
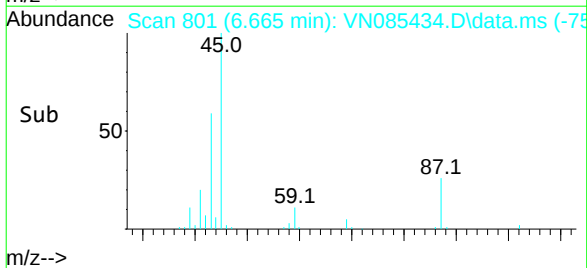
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025

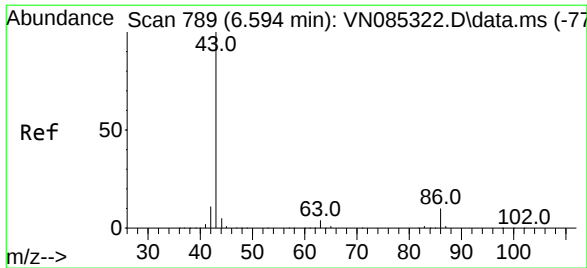


#22
Diisopropyl ether
Concen: 20.395 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18



Tgt Ion: 45 Resp: 138202
Ion Ratio Lower Upper
45 100
43 58.4 44.1 66.1
87 26.4 23.2 34.8
59 11.5 9.0 13.6





#23

Vinyl Acetate

Concen: 97.446 ug/l

RT: 6.600 min Scan# 790

Delta R.T. 0.006 min

Lab File: VN085434.D

Acq: 13 Jan 2025 18:18

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

Tgt Ion: 43 Resp: 477693

Ion Ratio Lower Upper

43 100

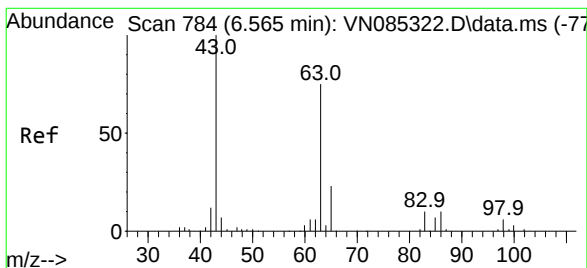
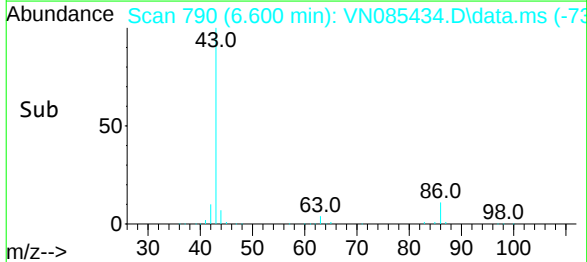
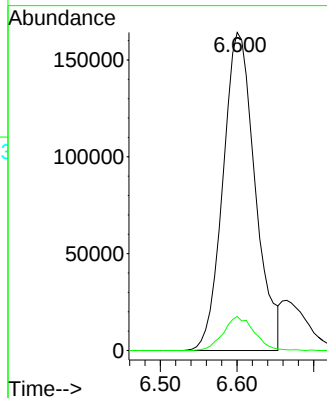
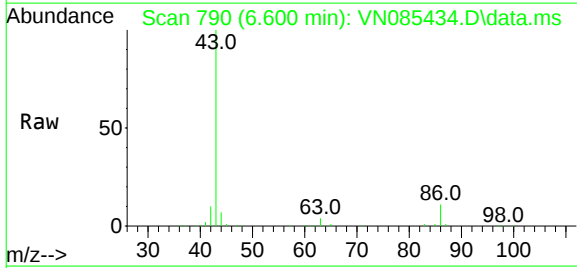
86 10.7 8.0 12.0

Manual Integrations

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Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025



#24

1,1-Dichloroethane

Concen: 20.203 ug/l

RT: 6.565 min Scan# 784

Delta R.T. 0.000 min

Lab File: VN085434.D

Acq: 13 Jan 2025 18:18

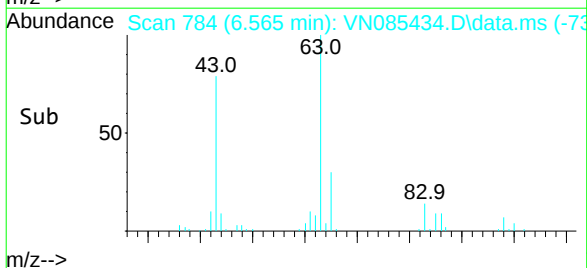
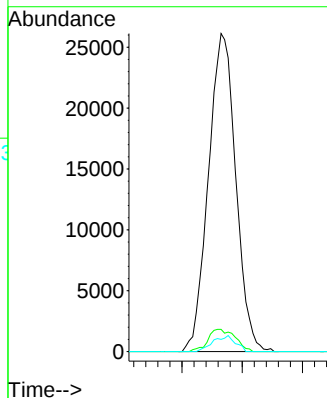
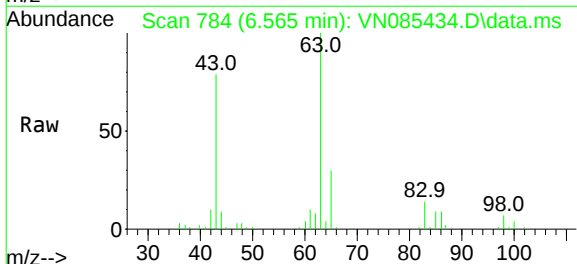
Tgt Ion: 63 Resp: 82467

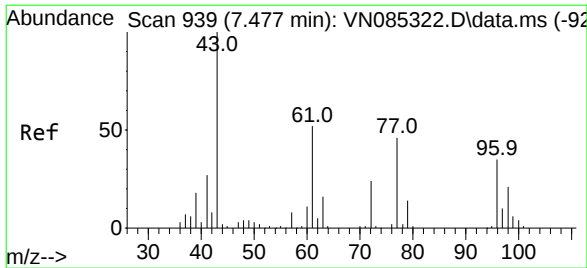
Ion Ratio Lower Upper

63 100

98 7.0 3.7 11.1

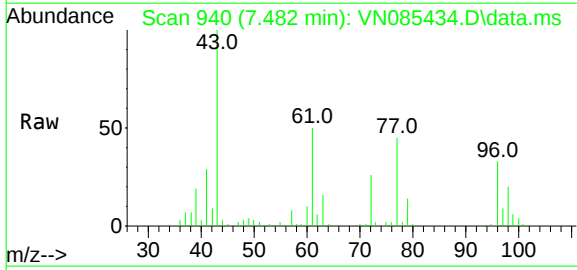
100 3.8 2.3 6.8





#25
2-Butanone
Concen: 107.888 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

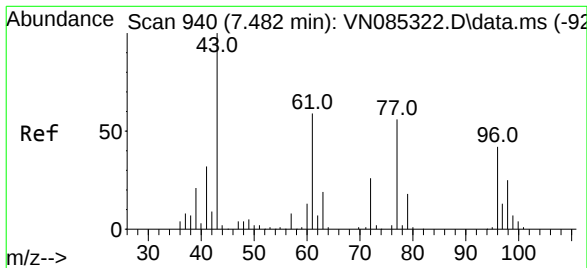
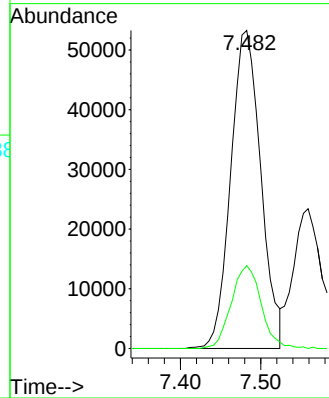
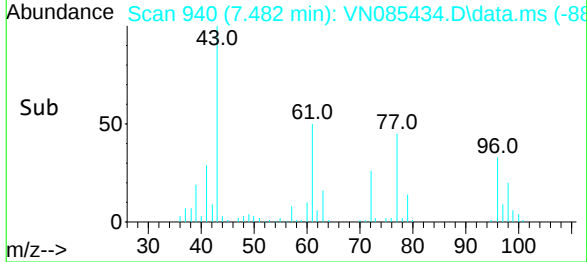
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



Tgt Ion: 43 Resp: 138795
Ion Ratio Lower Upper
43 100
72 26.1 19.6 29.4

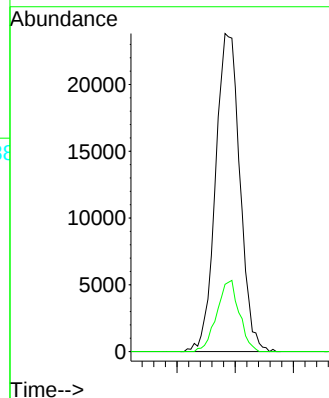
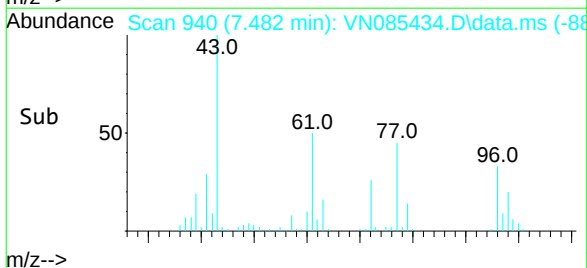
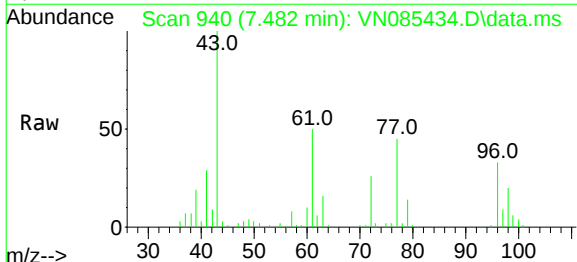
Manual Integrations
APPROVED

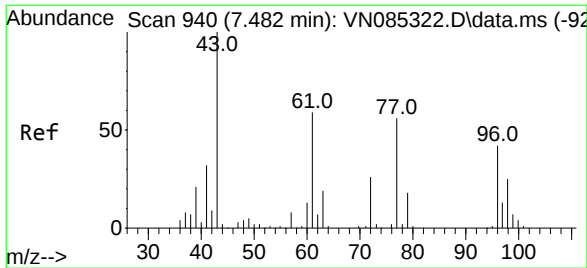
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#26
2,2-Dichloropropane
Concen: 19.358 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

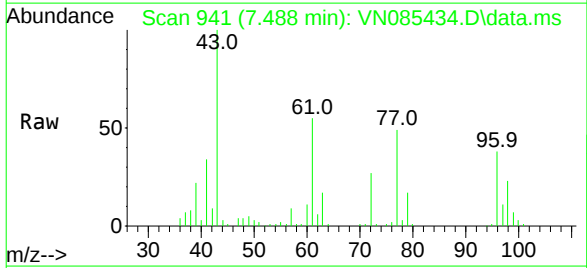
Tgt Ion: 77 Resp: 69229
Ion Ratio Lower Upper
77 100
97 20.6 10.6 31.8





#27
cis-1,2-Dichloroethene
Concen: 19.430 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

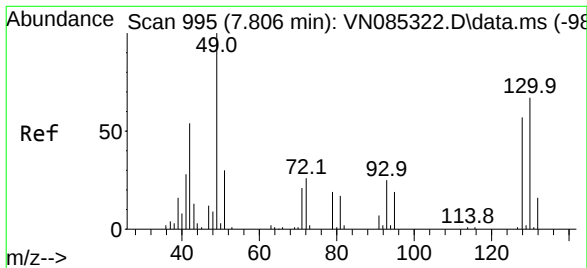
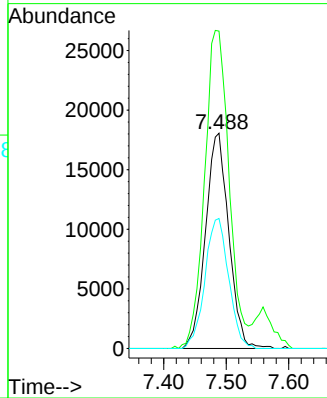
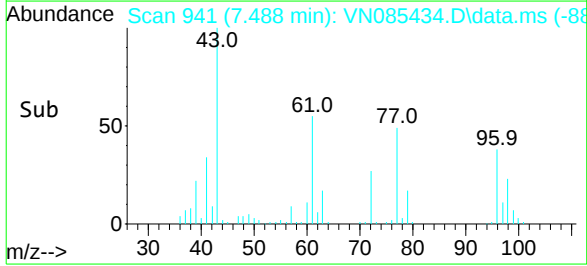
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



Tgt Ion: 96 Resp: 46807
Ion Ratio Lower Upper
96 100
61 155.1 0.0 296.4
98 61.5 0.0 124.2

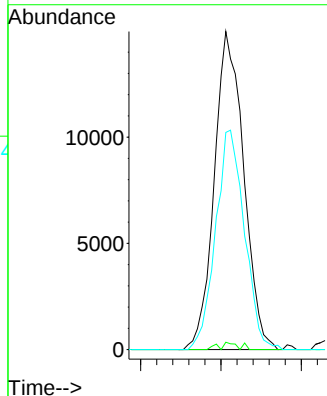
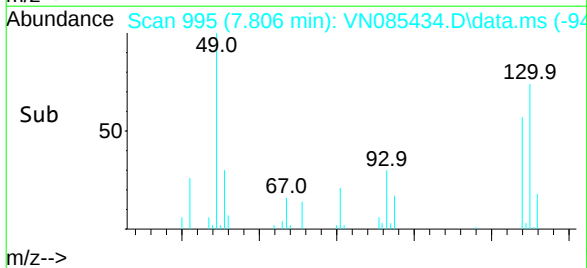
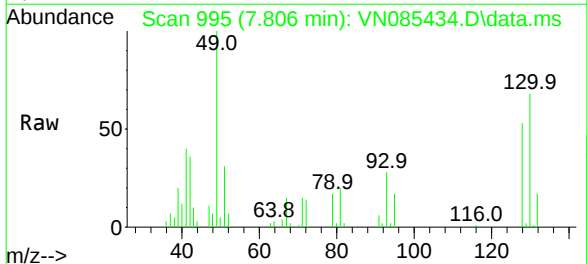
Manual Integrations
APPROVED

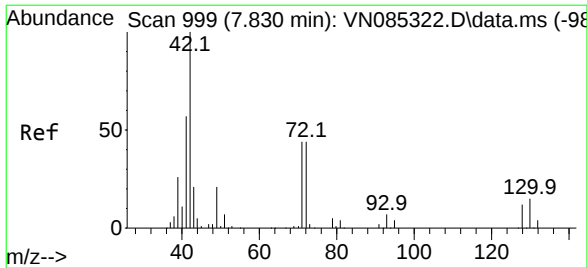
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#28
Bromochloromethane
Concen: 20.078 ug/l
RT: 7.806 min Scan# 995
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Tgt Ion: 49 Resp: 38086
Ion Ratio Lower Upper
49 100
129 0.8 0.0 2.0
130 67.7 0.0 0.0#





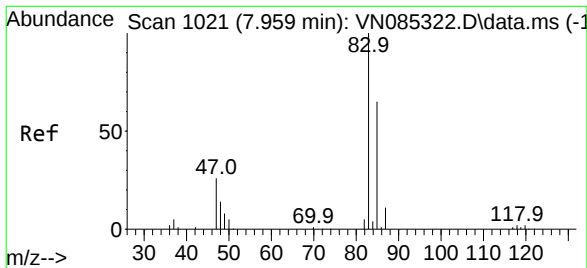
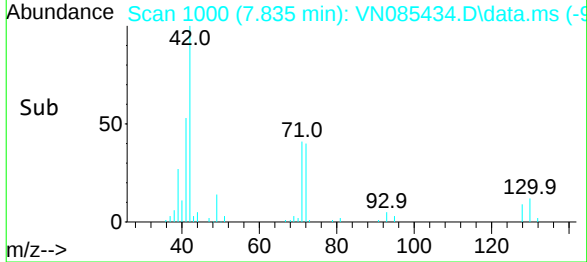
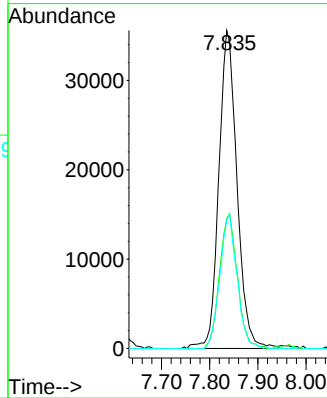
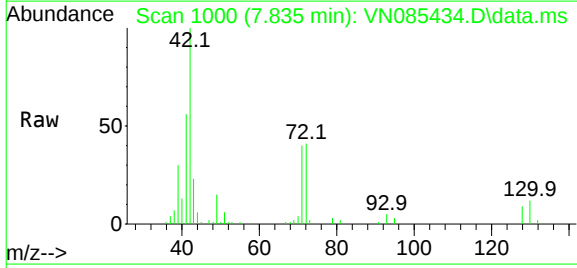
#29
Tetrahydrofuran
Concen: 112.440 ug/l
RT: 7.835 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion: 42 Resp: 93177
Ion Ratio Lower Upper
42 100
72 41.4 35.1 52.7
71 39.9 33.4 50.0

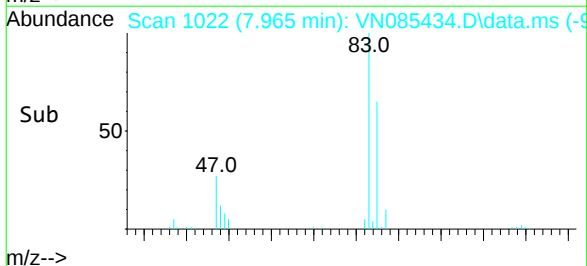
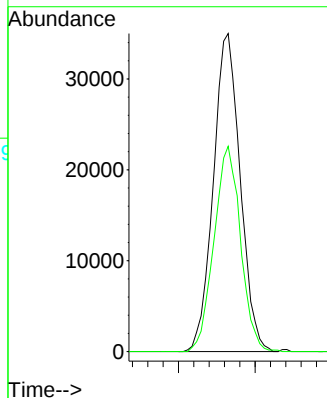
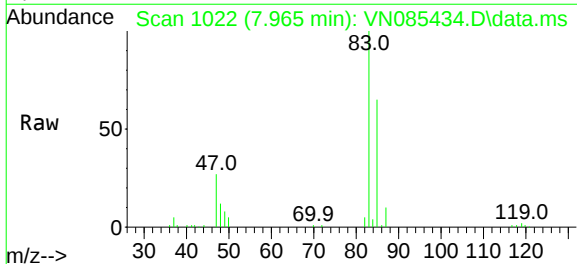
Manual Integrations
APPROVED

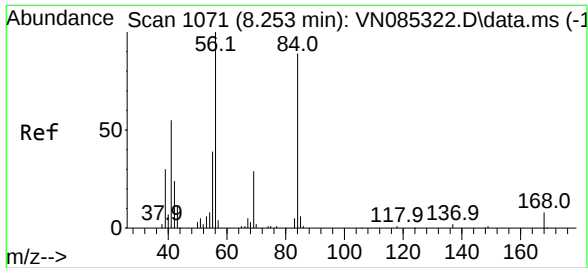
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#30
Chloroform
Concen: 20.370 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

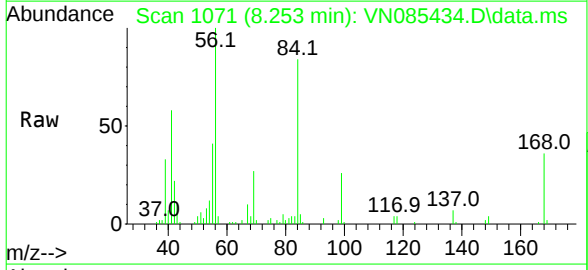
Tgt Ion: 83 Resp: 85067
Ion Ratio Lower Upper
83 100
85 64.5 52.0 78.0





#31
Cyclohexane
Concen: 18.126 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

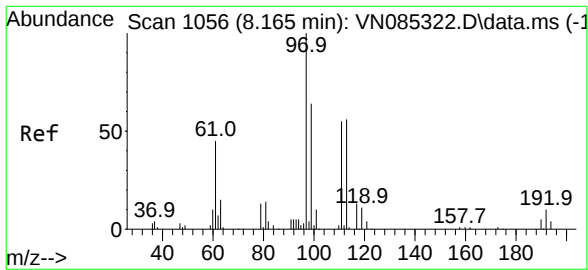
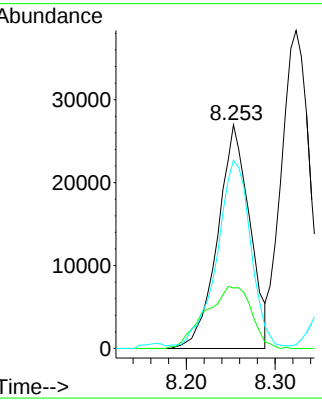
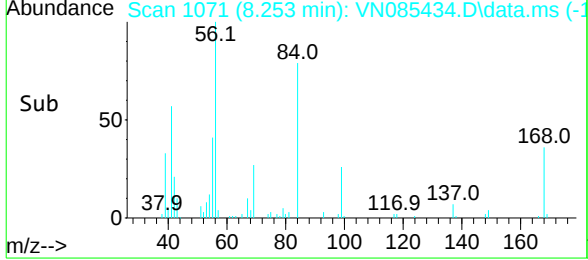
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



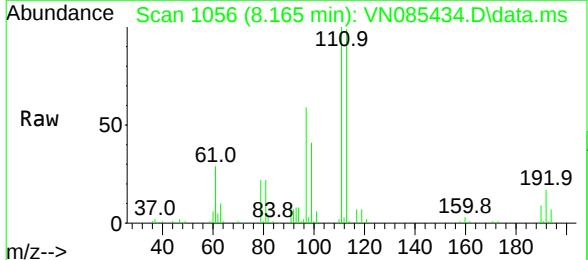
Tgt Ion:	56	Resp:	67563
Ion	Ratio	Lower	Upper
56	100		
69	26.4	23.4	35.0
84	83.0	71.0	106.6

Manual Integrations
APPROVED

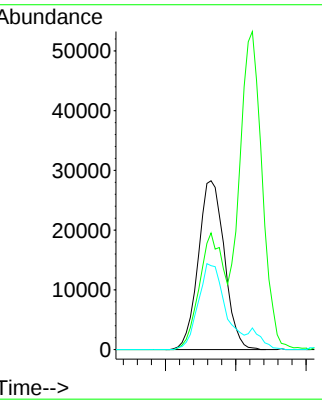
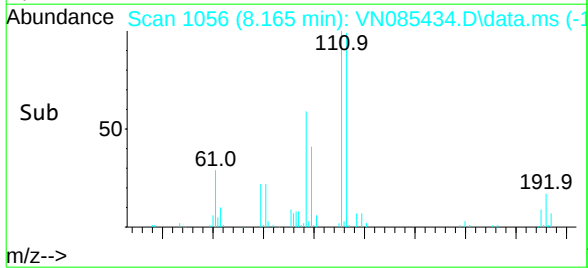
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025

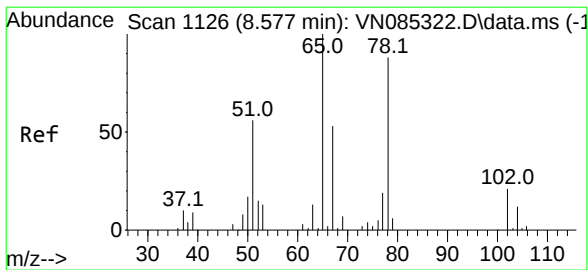


#32
1,1,1-Trichloroethane
Concen: 19.546 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18



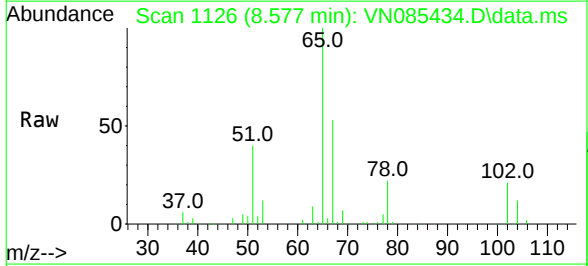
Tgt Ion:	97	Resp:	72898
Ion	Ratio	Lower	Upper
97	100		
99	64.3	53.3	79.9
61	52.8	39.6	59.4





#33
1,2-Dichloroethane-d4
Concen: 61.430 ug/l
RT: 8.577 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

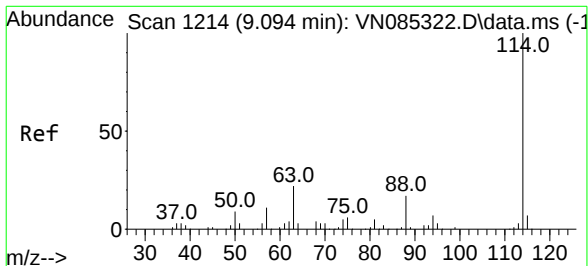
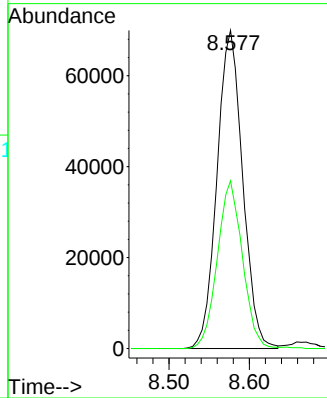
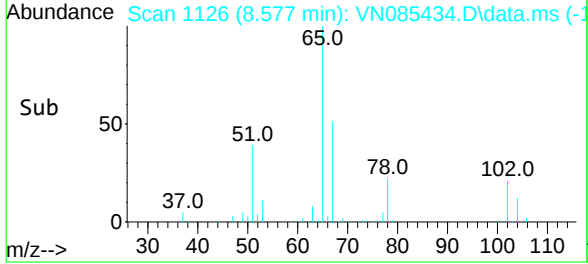
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



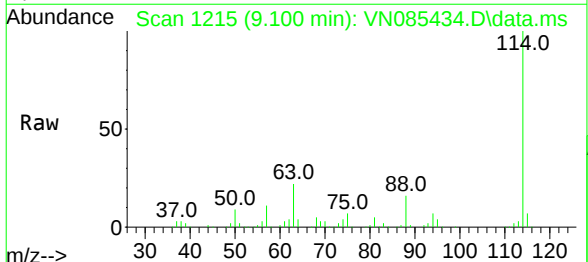
Tgt Ion: 65 Resp: 154914
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0

Manual Integrations
APPROVED

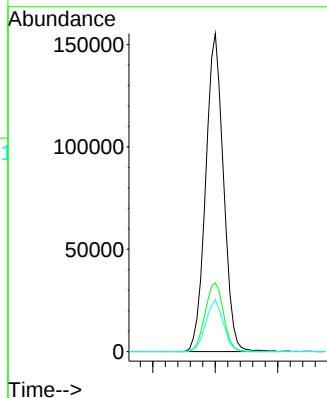
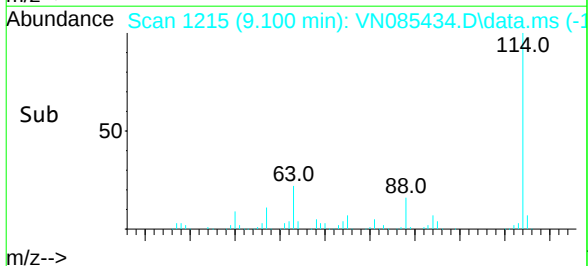
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025

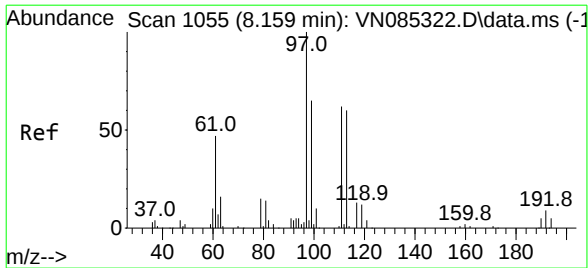


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18



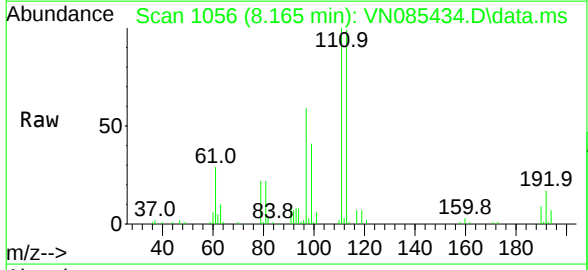
Tgt Ion:114 Resp: 307307
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.4
88 16.3 0.0 33.6





#35
 Dibromofluoromethane
 Concen: 58.320 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085434.D
 Acq: 13 Jan 2025 18:18

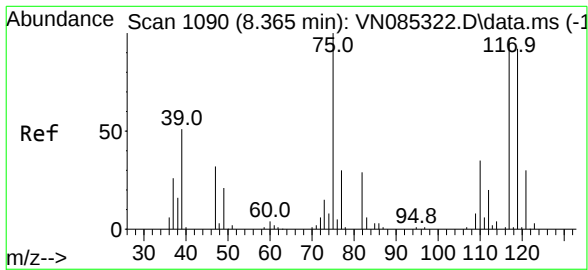
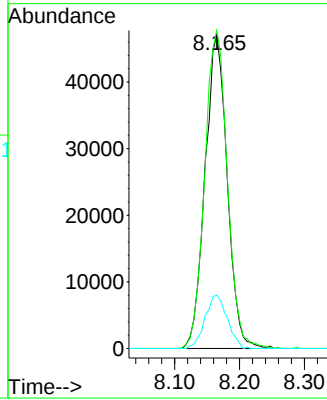
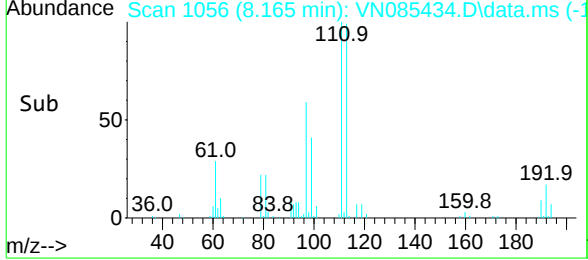
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113WBS01



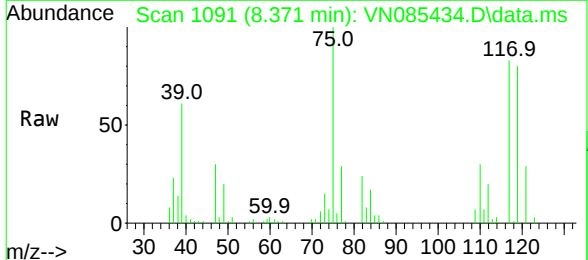
Tgt Ion:	113	Resp:	111809
Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.5	120.7
192	17.0	12.9	19.3

Manual Integrations
 APPROVED

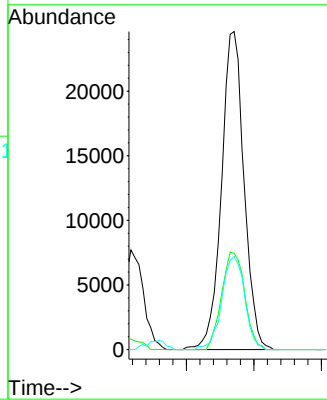
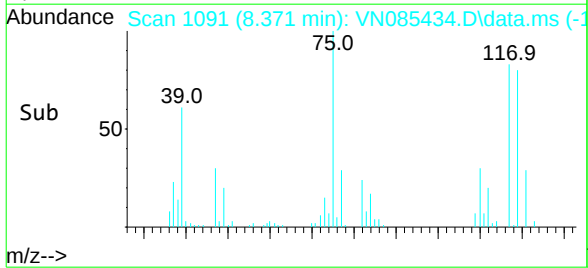
Reviewed By :John Carlone 01/14/2025
 Supervised By :Mahesh Dadoda 01/14/2025

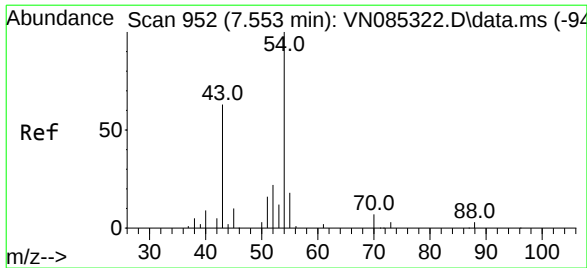


#36
 1,1-Dichloropropene
 Concen: 20.325 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085434.D
 Acq: 13 Jan 2025 18:18



Tgt Ion:	75	Resp:	57053
Ion	Ratio	Lower	Upper
75	100		
110	31.4	16.6	49.8
77	29.8	24.3	36.5





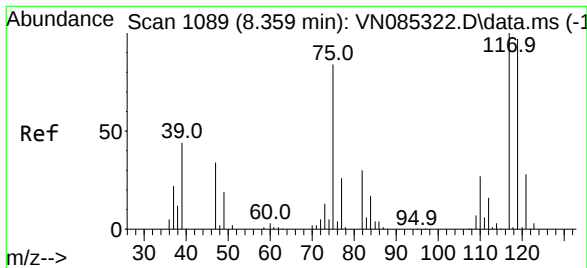
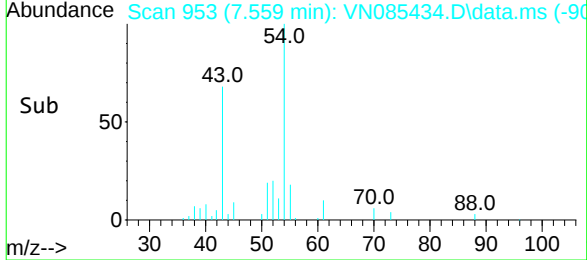
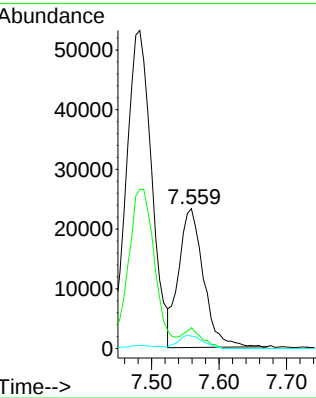
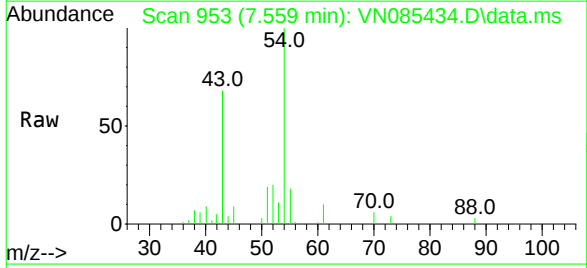
#37
Ethyl Acetate
Concen: 21.235 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion: 43 Resp: 59245
Ion Ratio Lower Upper
43 100
61 12.0 10.4 15.6
70 9.3 8.2 12.2

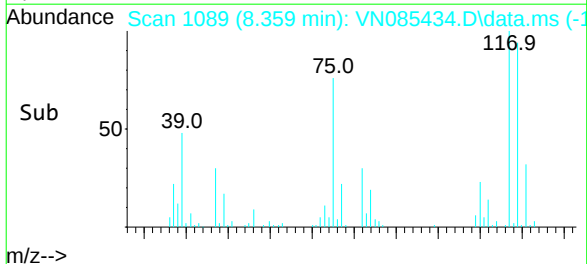
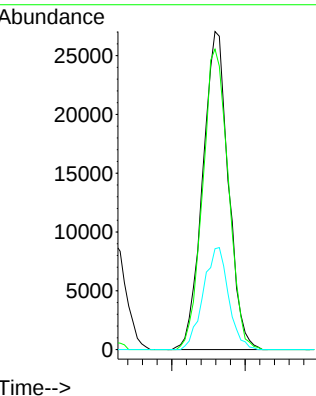
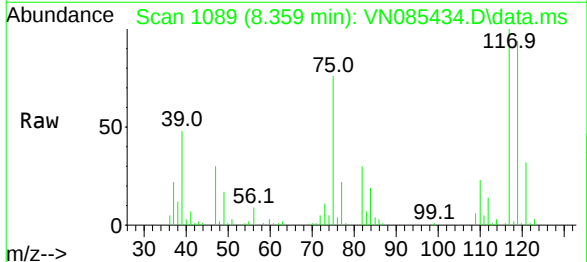
Manual Integrations
APPROVED

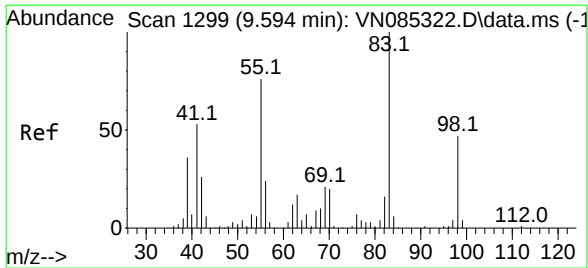
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#38
Carbon Tetrachloride
Concen: 21.445 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

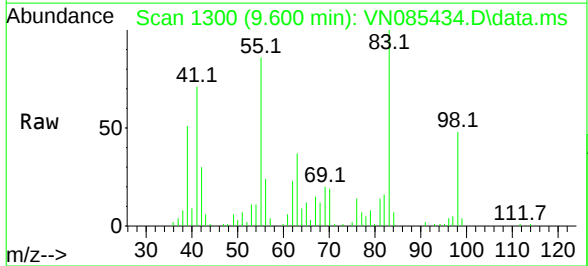
Tgt Ion:117 Resp: 65615
Ion Ratio Lower Upper
117 100
119 94.5 77.8 116.6
121 31.7 22.5 33.7





#39
Methylcyclohexane
Concen: 17.831 ug/l
RT: 9.600 min Scan# 1310
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

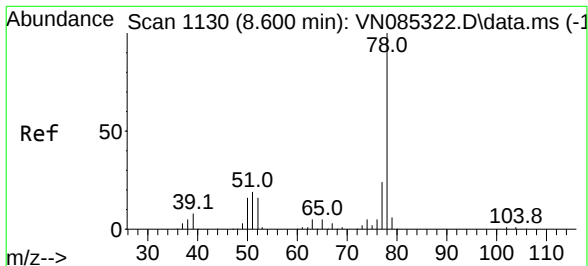
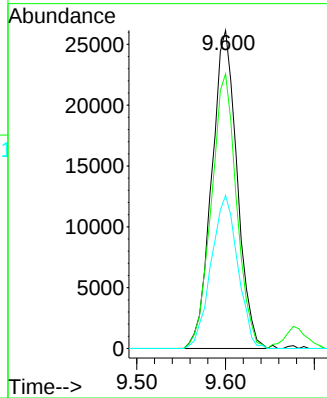
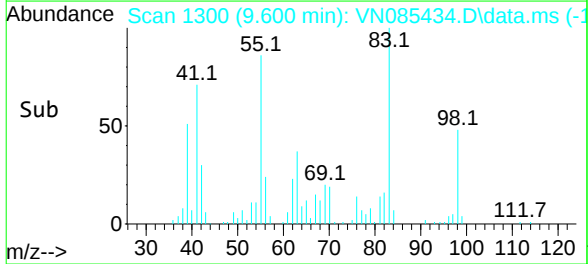
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



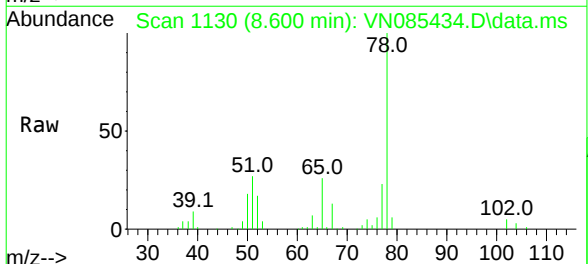
Tgt Ion: 83 Resp: 51936
Ion Ratio Lower Upper
83 100
55 86.4 60.7 91.1
98 48.1 37.7 56.5

Manual Integrations
APPROVED

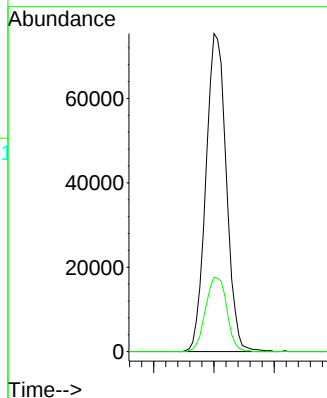
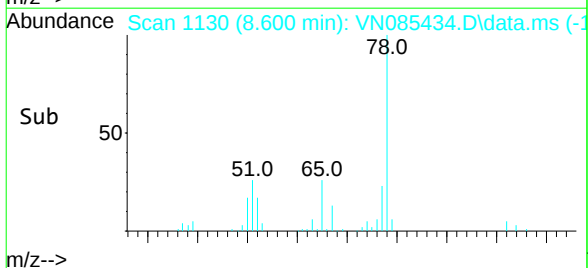
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025

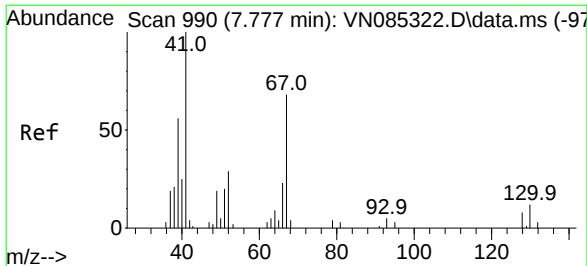


#40
Benzene
Concen: 20.887 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18



Tgt Ion: 78 Resp: 177263
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4





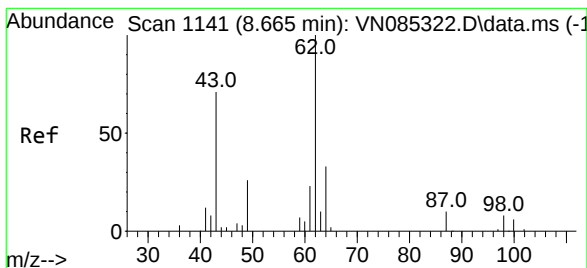
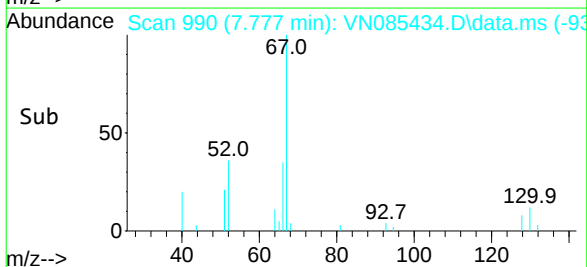
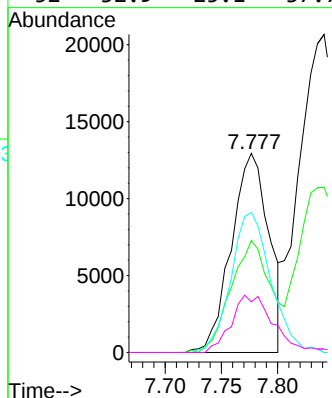
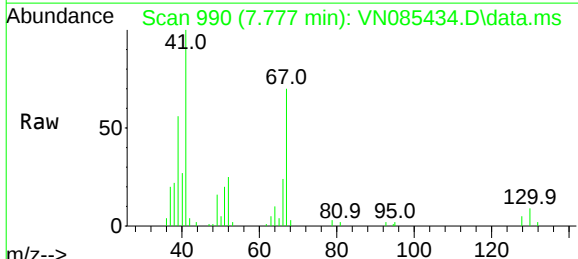
#41
Methacrylonitrile
Concen: 21.086 ug/l
RT: 7.777 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion:	41	Resp:	30129
Ion	Ratio	Lower	Upper
41	100		
39	60.7	45.8	68.8
67	74.6	57.1	85.7
52	32.9	25.1	37.7

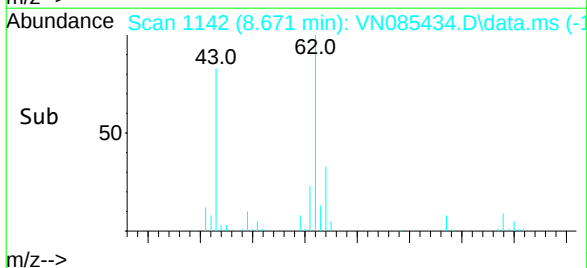
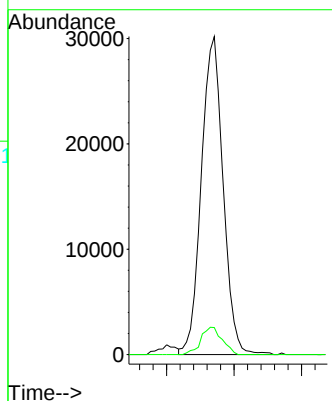
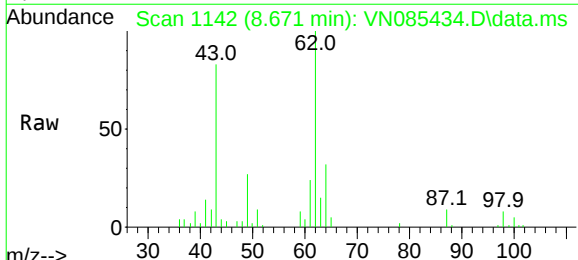
Manual Integrations
APPROVED

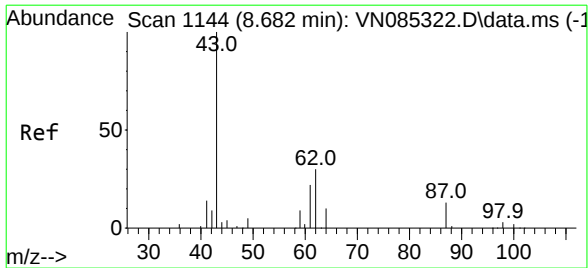
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#42
1,2-Dichloroethane
Concen: 22.261 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Tgt Ion:	62	Resp:	67736
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.6





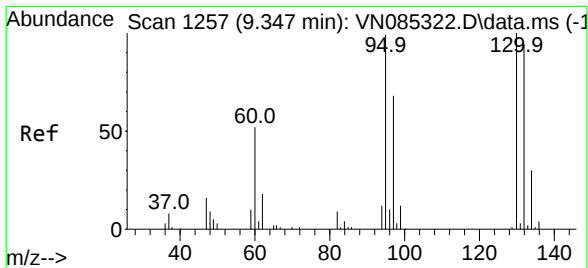
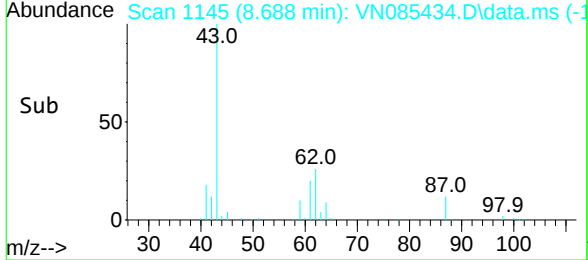
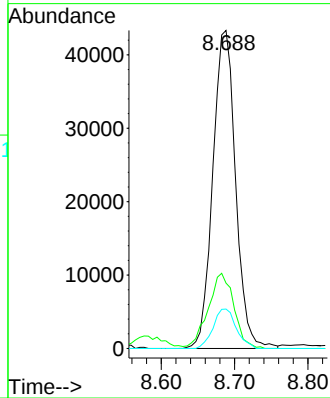
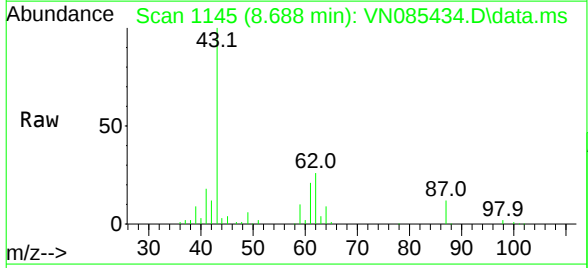
#43
Isopropyl Acetate
Concen: 20.356 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion:	43	Resp:	93516
Ion Ratio	Lower	Upper	
43	100		
61	26.8	20.8	31.2
87	12.6	10.2	15.4

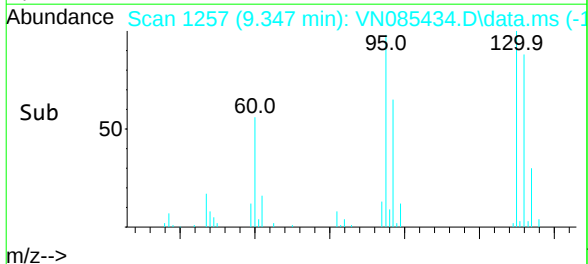
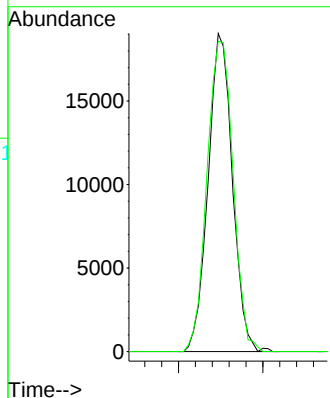
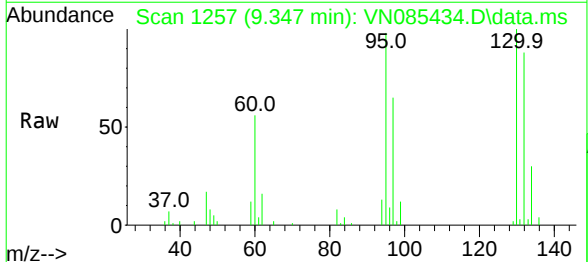
Manual Integrations
APPROVED

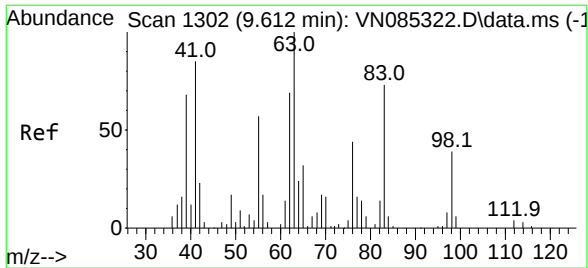
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#44
Trichloroethene
Concen: 18.965 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

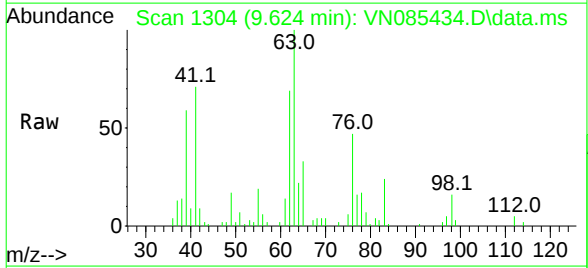
Tgt Ion:	130	Resp:	38106
Ion Ratio	Lower	Upper	
130	100		
95	97.6	0.0	197.8





#45
1,2-Dichloropropane
Concen: 20.430 ug/l
RT: 9.624 min Scan# 1302
Delta R.T. 0.012 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

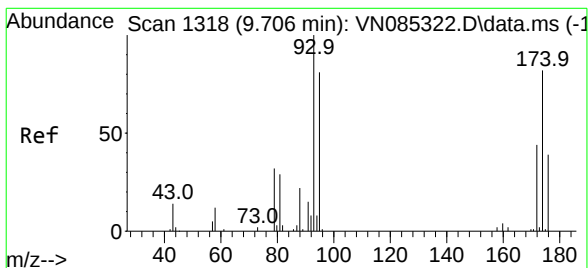
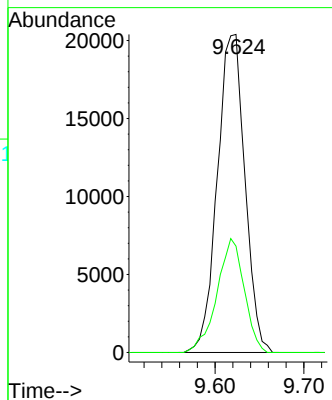
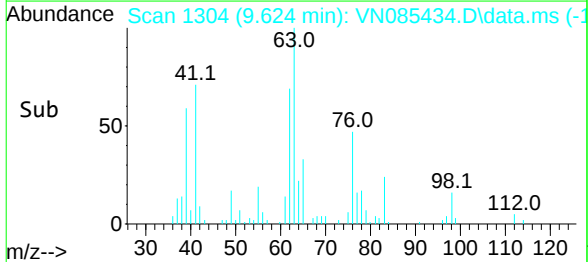
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



Tgt Ion: 63 Resp: 44014
Ion Ratio Lower Upper
63 100
65 33.4 25.5 38.3

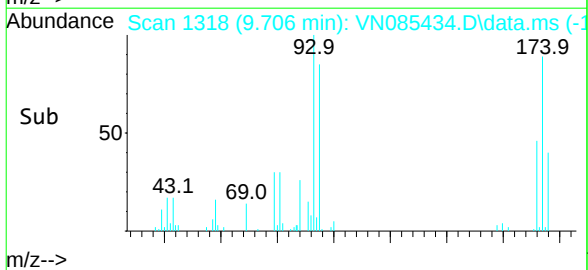
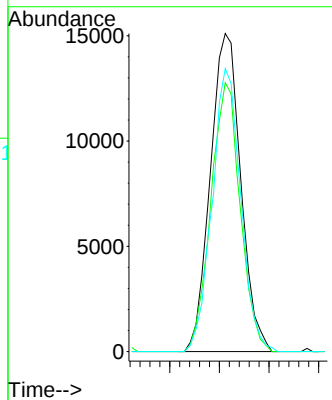
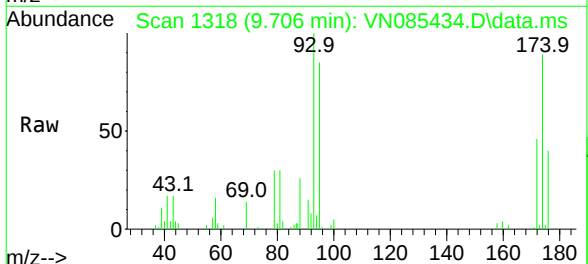
Manual Integrations
APPROVED

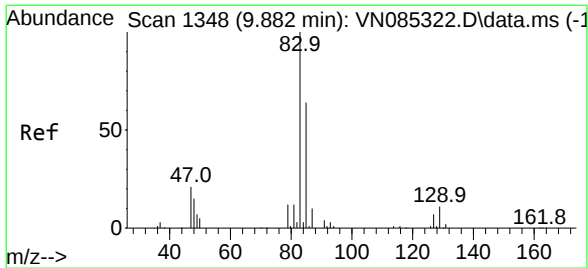
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#46
Dibromomethane
Concen: 21.447 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Tgt Ion: 93 Resp: 32135
Ion Ratio Lower Upper
93 100
95 81.5 65.3 97.9
174 83.8 66.4 99.6





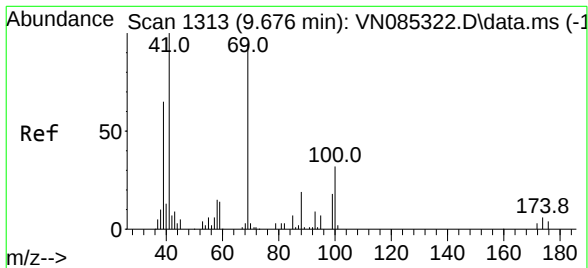
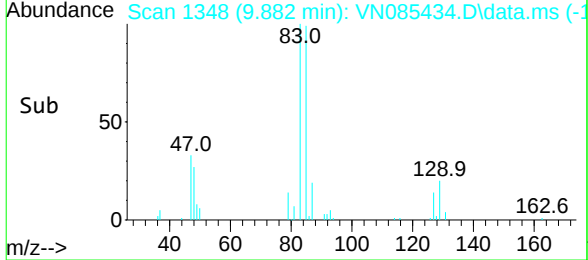
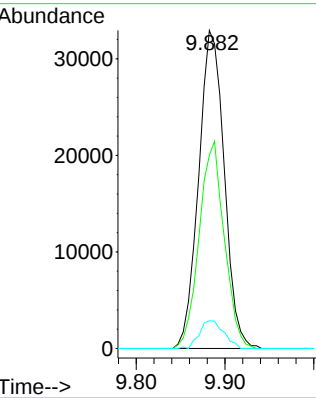
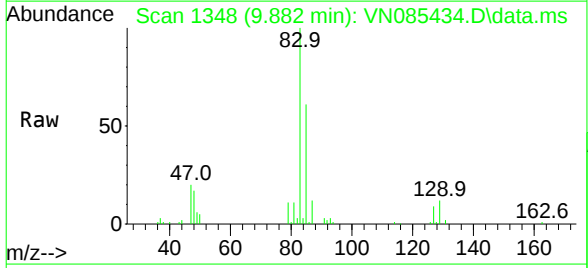
#47
Bromodichloromethane
Concen: 21.197 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion: 83 Resp: 66012
Ion Ratio Lower Upper
83 100
85 60.8 51.0 76.4
127 8.7 5.8 8.6

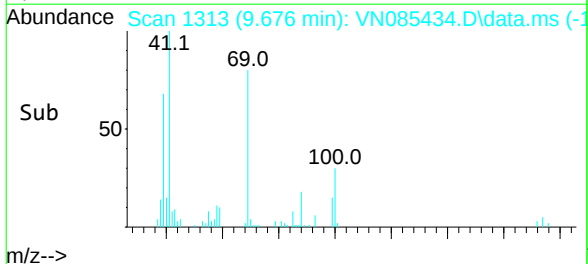
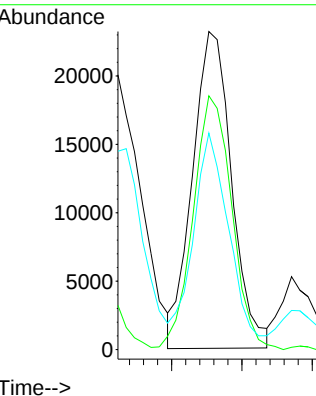
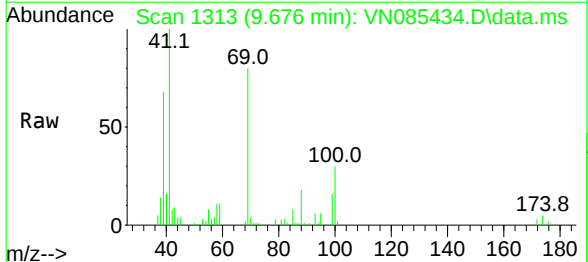
Manual Integrations
APPROVED

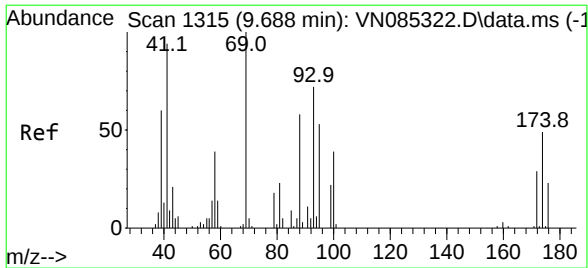
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#48
Methyl methacrylate
Concen: 22.518 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

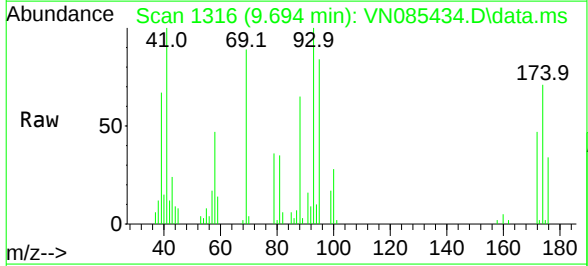
Tgt Ion: 41 Resp: 44887
Ion Ratio Lower Upper
41 100
69 79.0 67.7 101.5
39 62.7 51.2 76.8





#49
1,4-Dioxane
Concen: 471.235 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

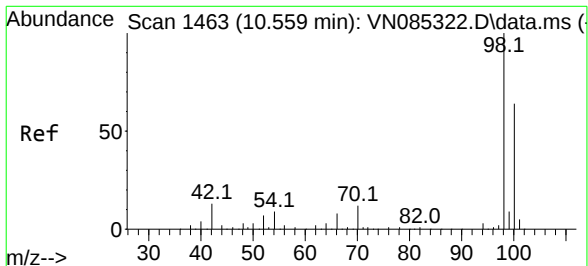
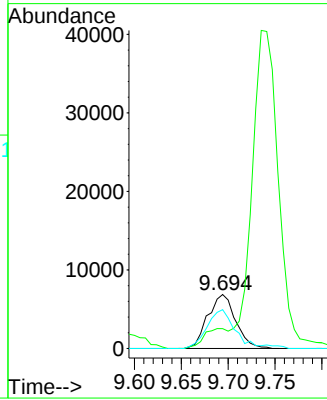
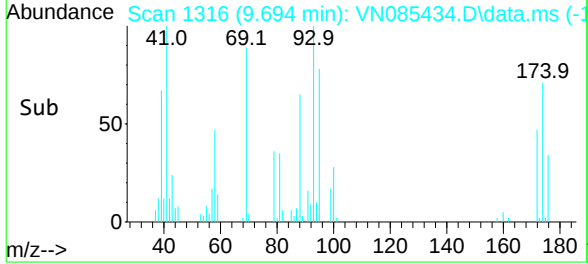
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



Tgt Ion: 88 Resp: 14173
Ion Ratio Lower Upper
88 100
43 0.0 22.1 33.1
58 71.7 56.7 85.1

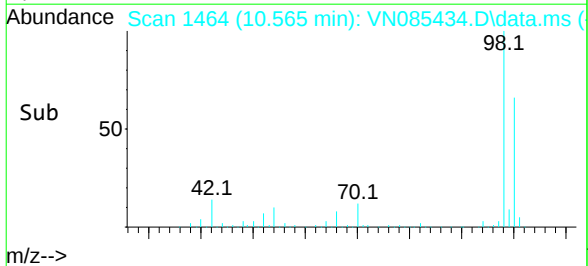
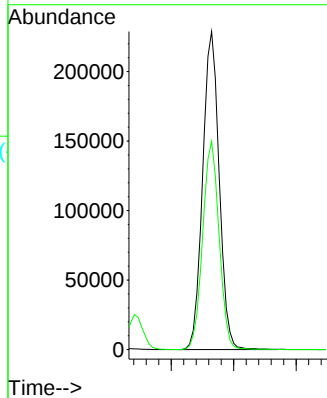
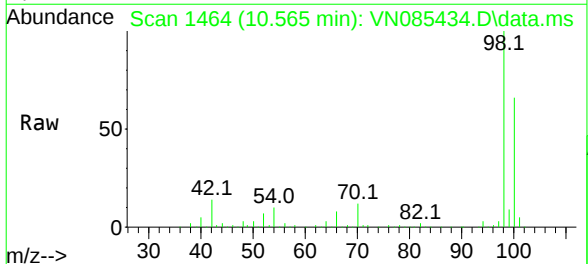
Manual Integrations
APPROVED

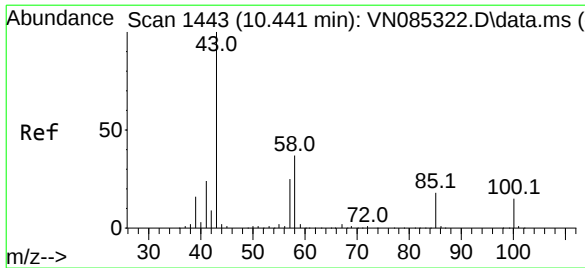
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#50
Toluene-d8
Concen: 59.794 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Tgt Ion: 98 Resp: 420658
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3





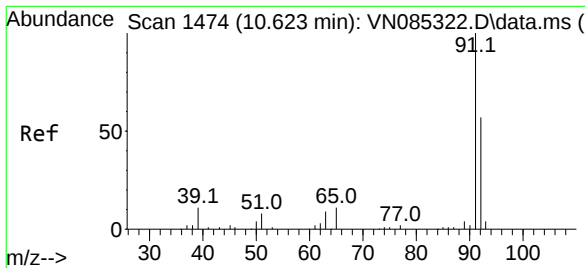
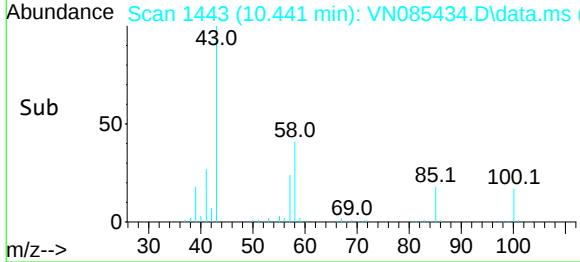
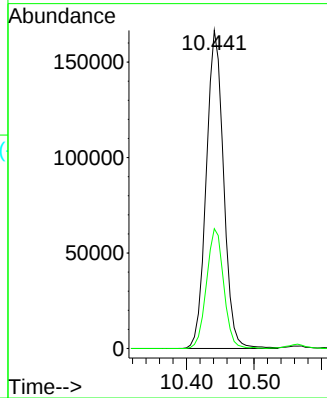
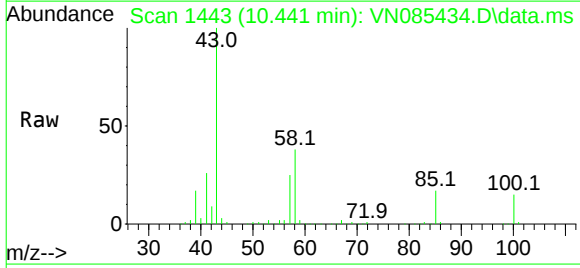
#51
4-Methyl-2-Pentanone
Concen: 115.095 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion: 43 Resp: 297139
Ion Ratio Lower Upper
43 100
58 37.3 30.3 45.5

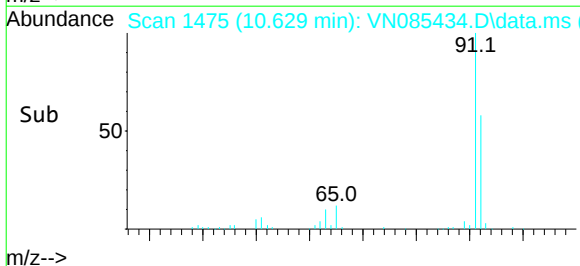
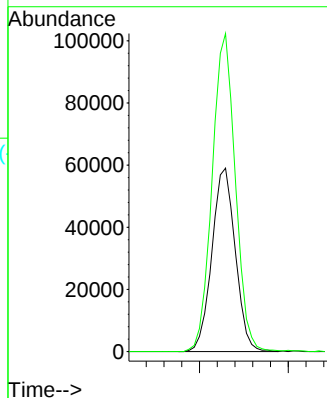
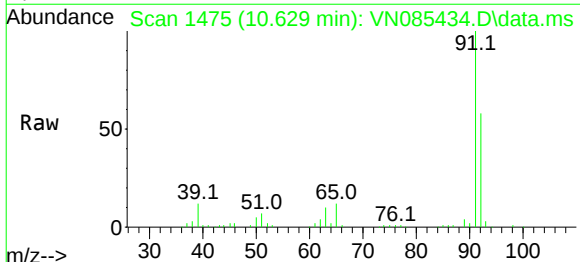
Manual Integrations
APPROVED

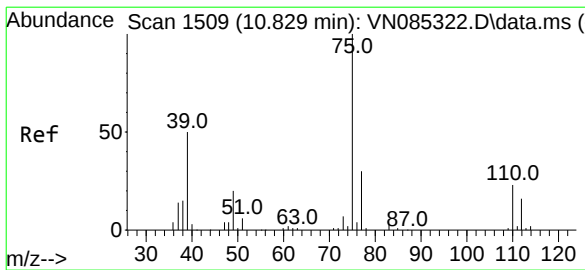
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#52
Toluene
Concen: 21.404 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

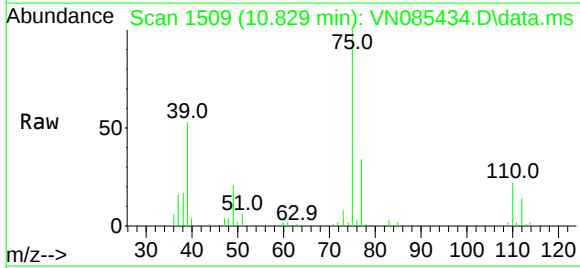
Tgt Ion: 92 Resp: 108160
Ion Ratio Lower Upper
92 100
91 171.5 140.2 210.4





#53
 t-1,3-Dichloropropene
 Concen: 19.651 ug/l
 RT: 10.829 min Scan# 1509
 Delta R.T. 0.000 min
 Lab File: VN085434.D
 Acq: 13 Jan 2025 18:18

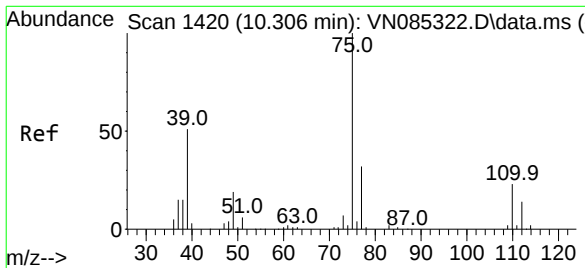
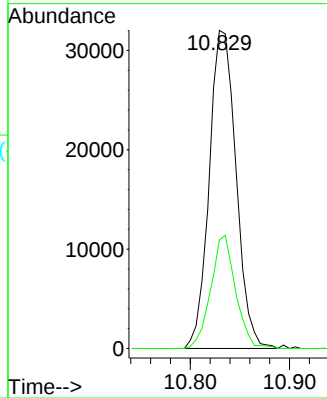
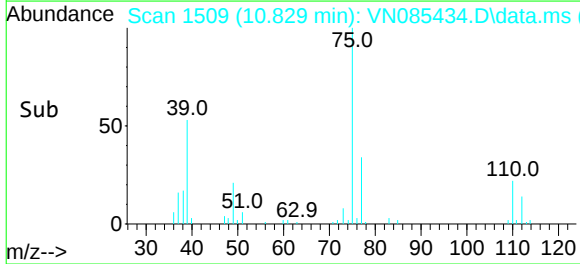
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113WBS01



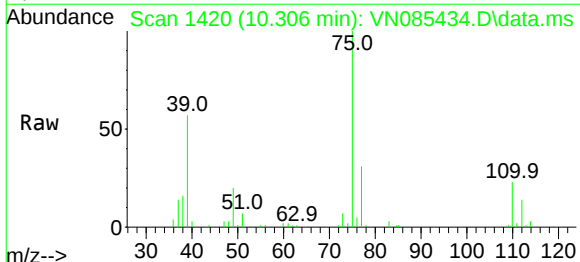
Tgt Ion: 75 Resp: 60181
 Ion Ratio Lower Upper
 75 100
 77 34.1 23.8 35.6

Manual Integrations
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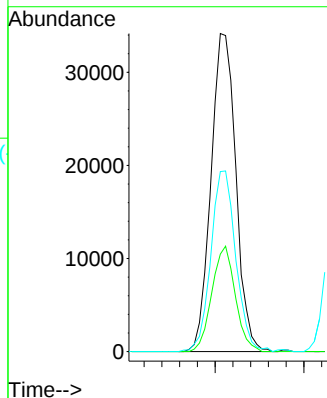
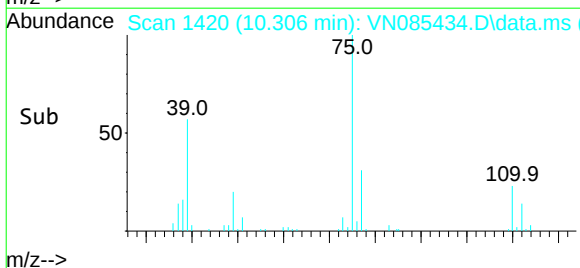
Reviewed By :John Carlone 01/14/2025
 Supervised By :Mahesh Dadoda 01/14/2025

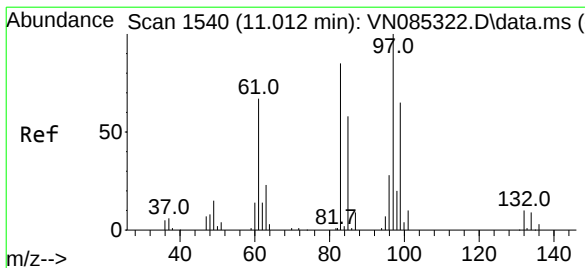


#54
 cis-1,3-Dichloropropene
 Concen: 20.075 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VN085434.D
 Acq: 13 Jan 2025 18:18



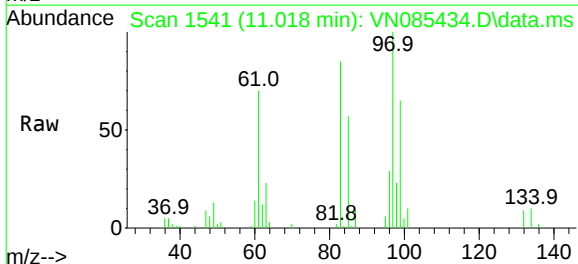
Tgt Ion: 75 Resp: 66483
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.5 38.3
 39 56.6 40.5 60.7





#55
1,1,2-Trichloroethane
Concen: 21.133 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

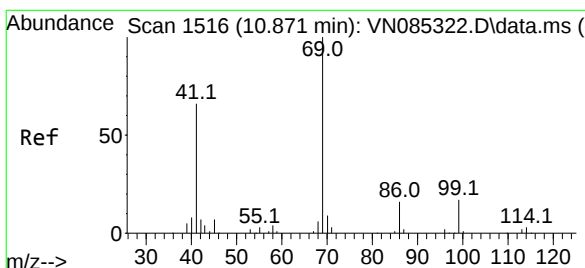
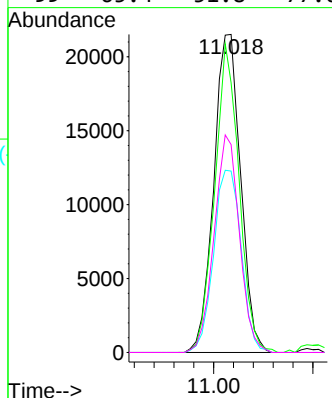
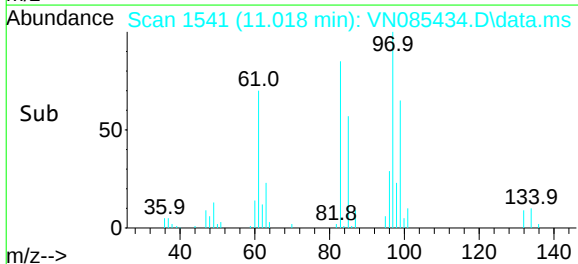
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



Tgt Ion: 97 Resp: 40319
Ion Ratio Lower Upper
97 100
83 84.8 67.7 101.5
85 57.0 46.2 69.4
99 65.4 51.8 77.6

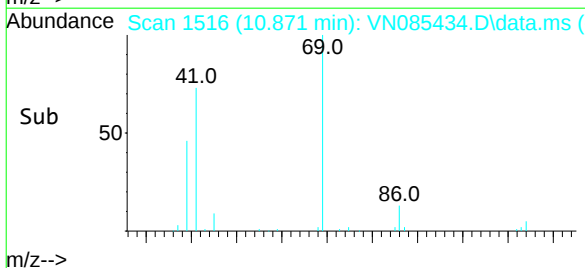
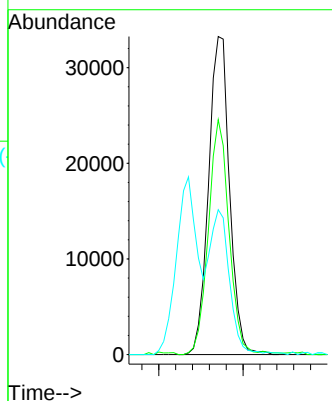
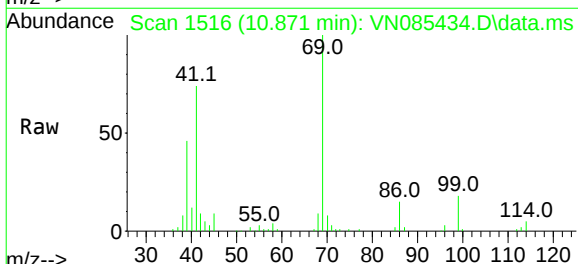
Manual Integrations
APPROVED

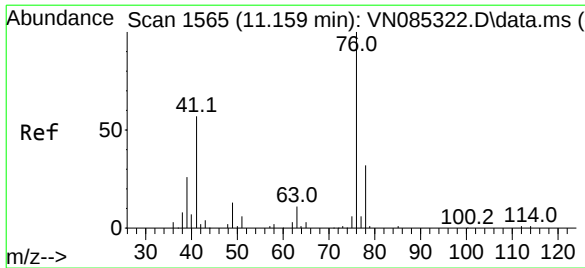
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#56
Ethyl methacrylate
Concen: 20.731 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

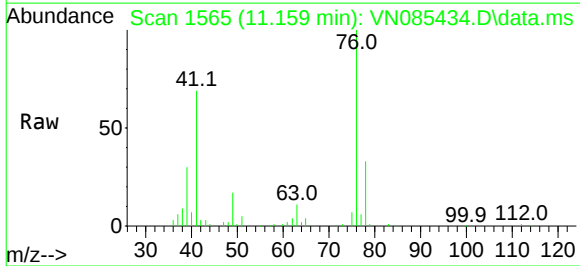
Tgt Ion: 69 Resp: 57603
Ion Ratio Lower Upper
69 100
41 72.0 54.3 81.5
39 43.8 32.0 48.0





#57
1,3-Dichloropropane
Concen: 21.359 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

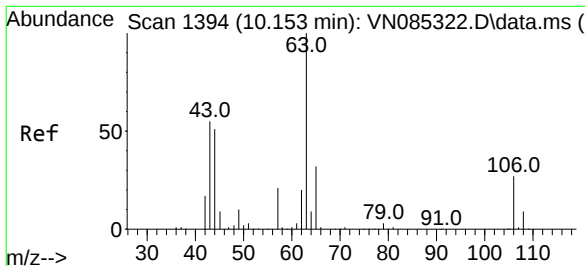
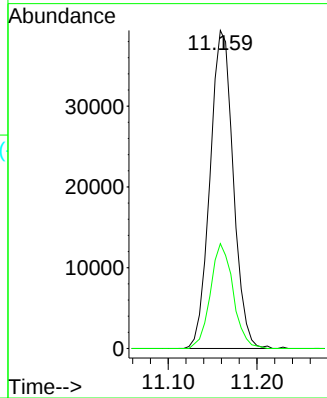
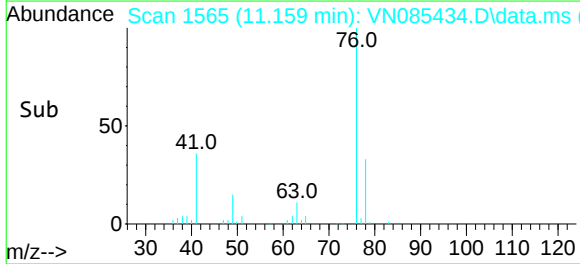
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



Tgt Ion: 76 Resp: 71523
Ion Ratio Lower Upper
76 100
78 32.2 25.5 38.3

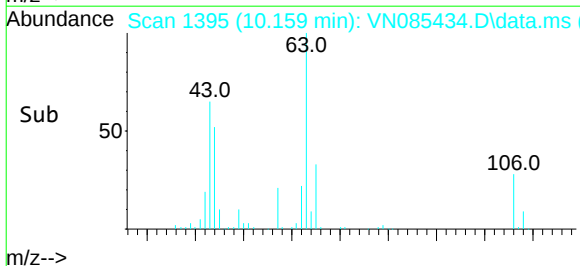
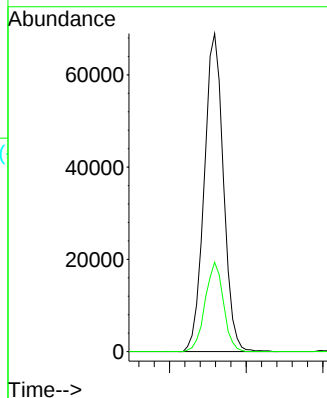
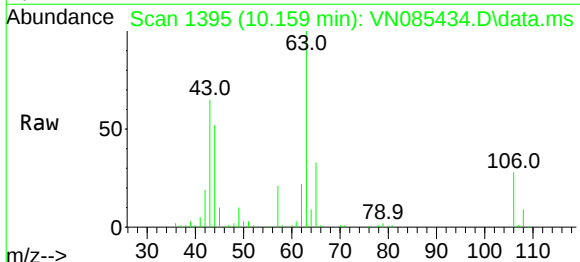
Manual Integrations
APPROVED

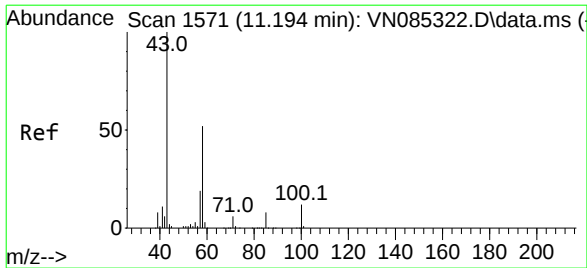
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#58
2-Chloroethyl Vinyl ether
Concen: 89.146 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Tgt Ion: 63 Resp: 119844
Ion Ratio Lower Upper
63 100
106 26.8 22.1 33.1





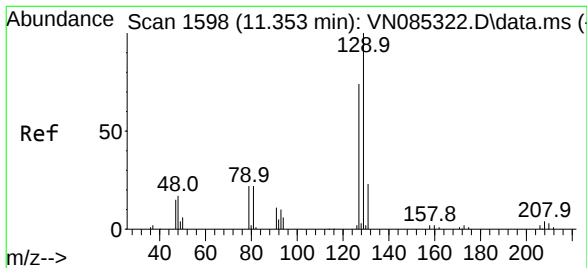
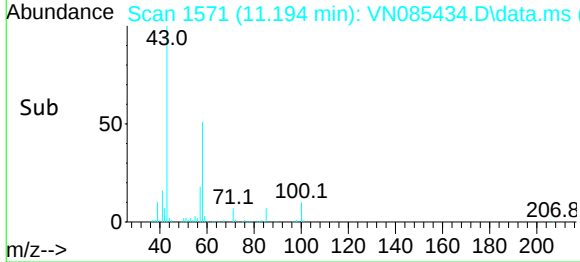
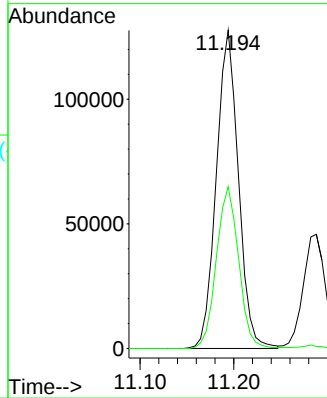
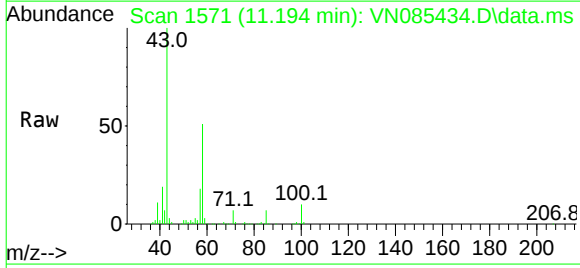
#59
2-Hexanone
Concen: 116.627 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion: 43 Resp: 208901
Ion Ratio Lower Upper
43 100
58 51.2 26.5 79.5

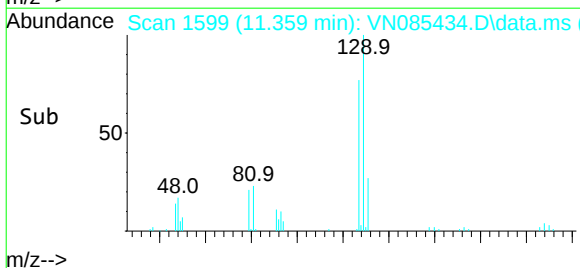
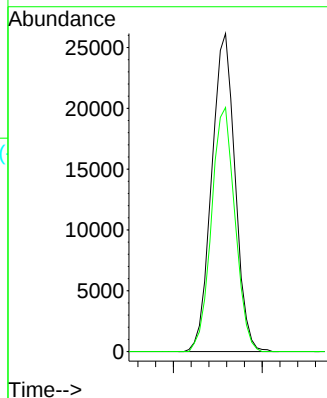
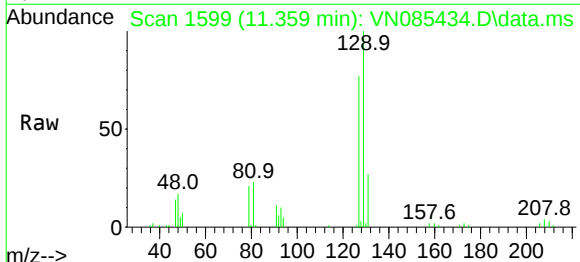
Manual Integrations
APPROVED

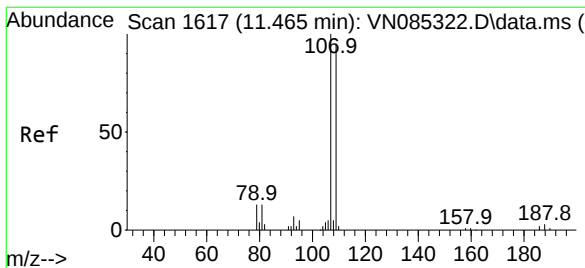
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#60
Dibromochloromethane
Concen: 22.269 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Tgt Ion:129 Resp: 47855
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.9





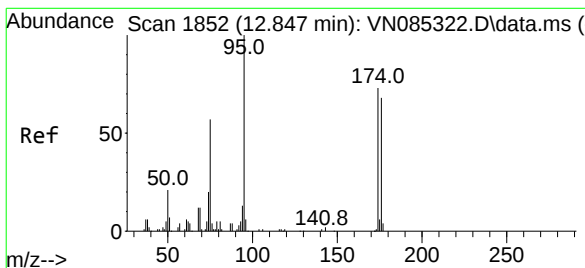
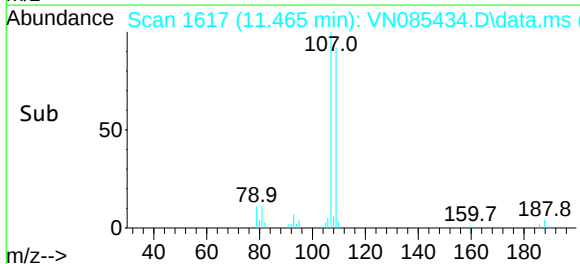
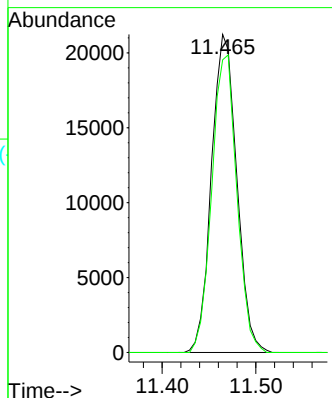
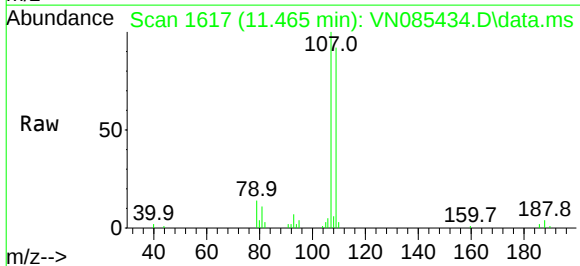
#61
1,2-Dibromoethane
Concen: 21.094 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion: 107 Resp: 39816
Ion Ratio Lower Upper
107 100
109 92.7 74.9 112.3

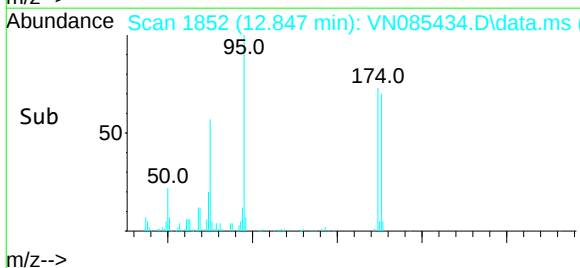
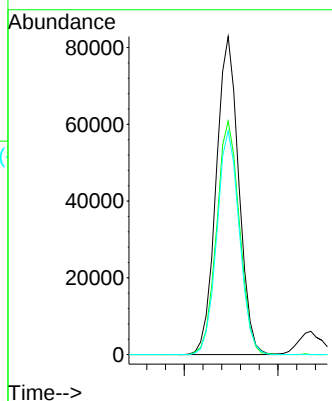
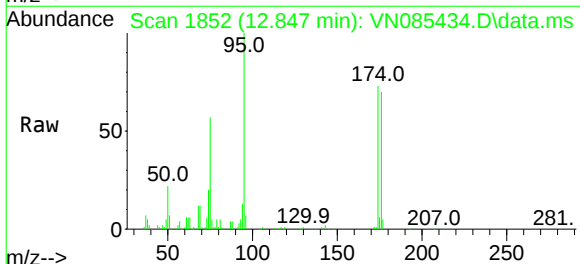
Manual Integrations
APPROVED

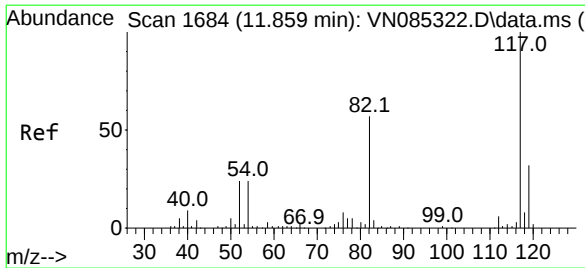
Reviewed By : John Carlone 01/14/2025
Supervised By : Mahesh Dadoda 01/14/2025



#62
4-Bromofluorobenzene
Concen: 59.546 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Tgt Ion: 95 Resp: 139124
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.2
176 69.9 0.0 135.8





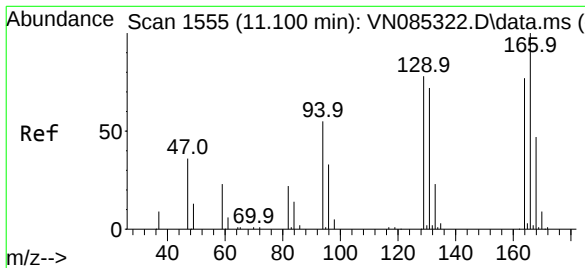
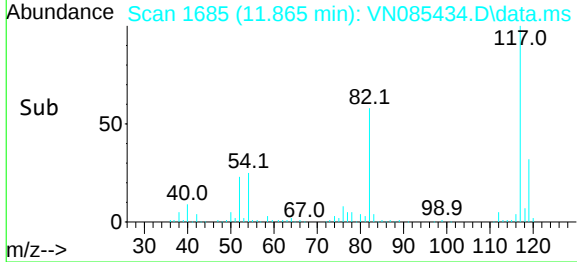
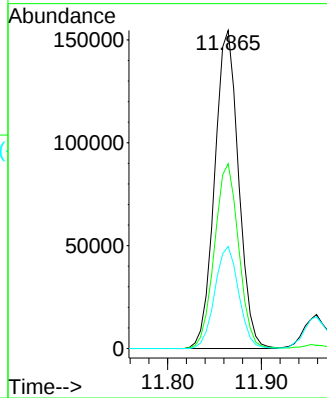
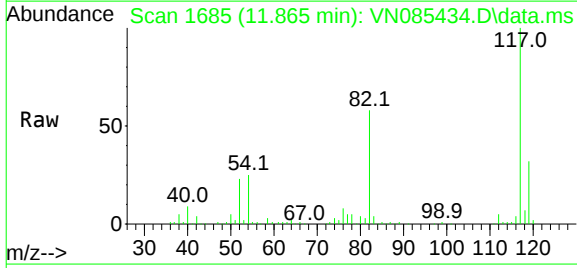
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion:117 Resp: 273860
Ion Ratio Lower Upper
117 100
82 58.1 45.7 68.5
119 32.1 25.8 38.8

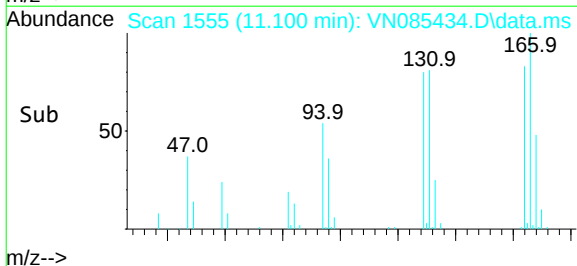
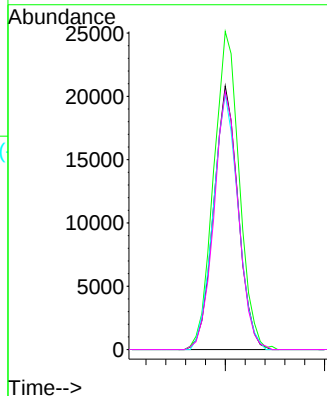
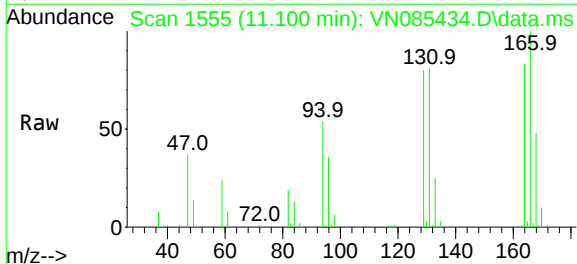
Manual Integrations
APPROVED

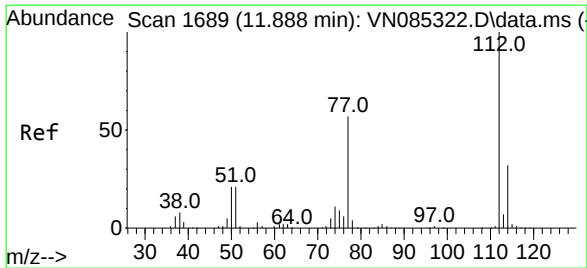
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#64
Tetrachloroethene
Concen: 20.524 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Tgt Ion:164 Resp: 35615
Ion Ratio Lower Upper
164 100
166 120.7 104.0 156.0
129 96.8 81.3 121.9
131 97.8 75.0 112.6





#65

Chlorobenzene

Concen: 19.058 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN085434.D

Acq: 13 Jan 2025 18:18

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

Tgt Ion:112 Resp: 112788

Ion Ratio Lower Upper

112 100

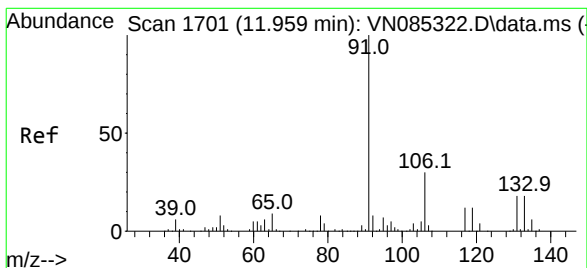
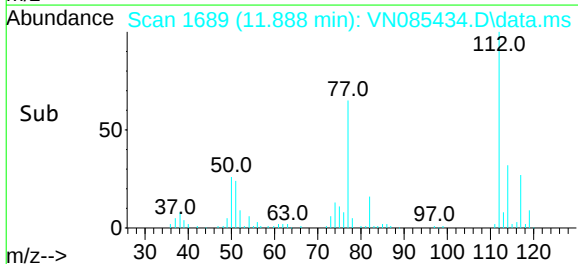
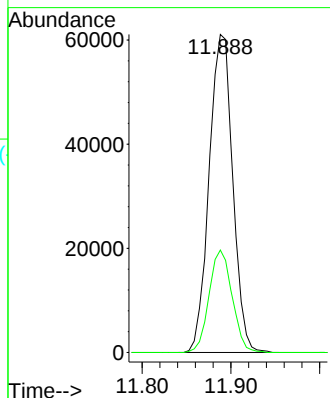
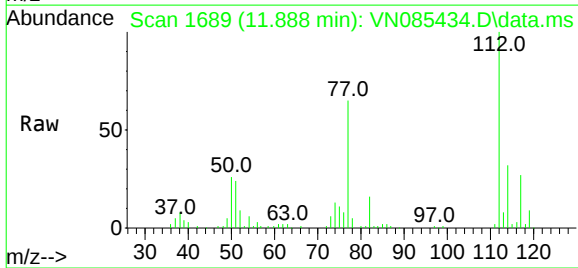
114 32.2 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 20.787 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN085434.D

Acq: 13 Jan 2025 18:18

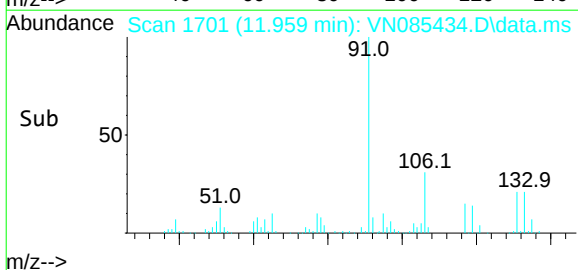
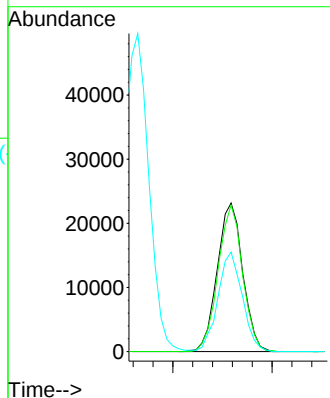
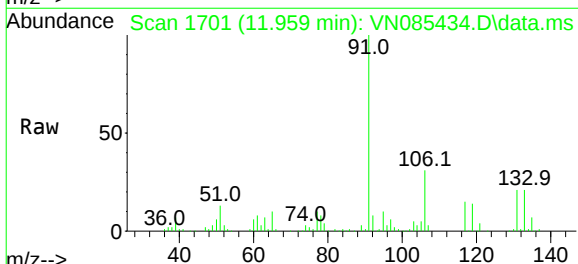
Tgt Ion:131 Resp: 41288

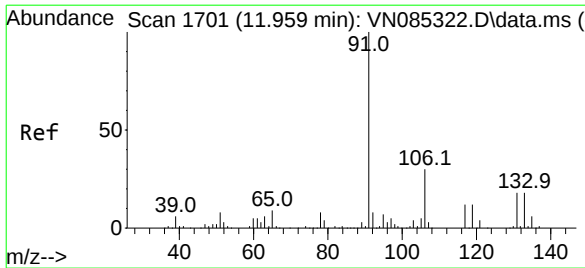
Ion Ratio Lower Upper

131 100

133 94.7 48.3 144.9

119 64.2 33.4 100.1





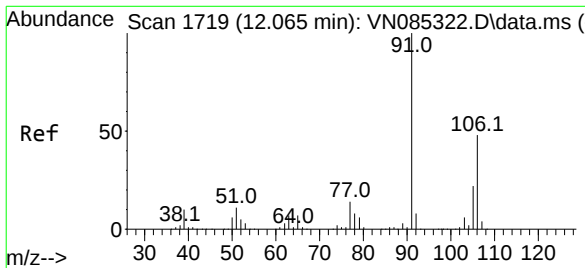
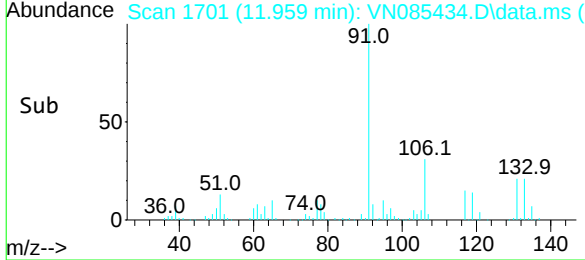
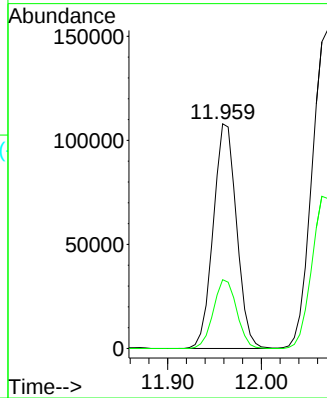
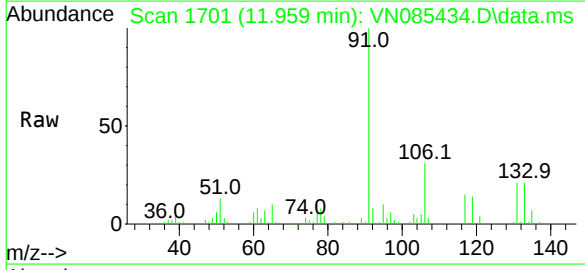
#67
Ethyl Benzene
Concen: 18.973 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion: 91 Resp: 186735
Ion Ratio Lower Upper
91 100
106 30.6 24.0 36.0

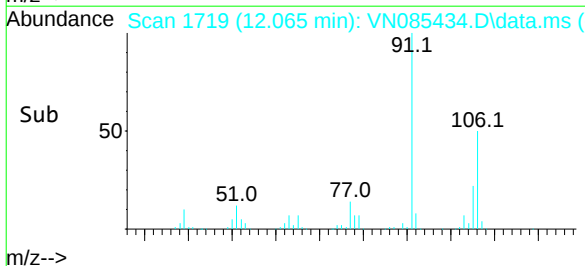
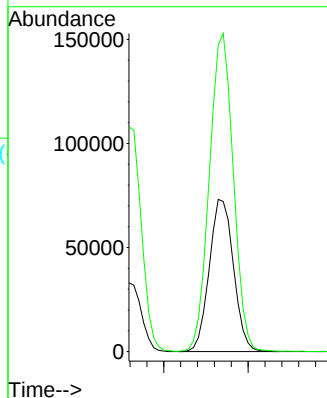
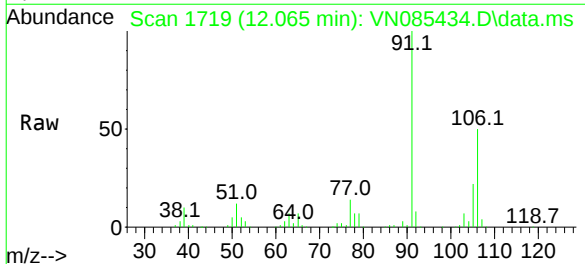
Manual Integrations
APPROVED

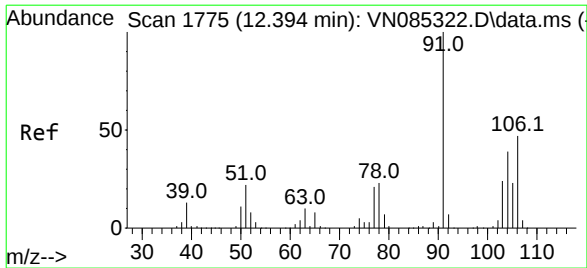
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#68
m/p-Xylenes
Concen: 40.509 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Tgt Ion:106 Resp: 145905
Ion Ratio Lower Upper
106 100
91 206.3 165.2 247.8





#69

o-Xylene

Concen: 18.805 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN085434.D

Acq: 13 Jan 2025 18:18

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

Tgt Ion:106 Resp: 65520

Ion Ratio Lower Upper

106 100

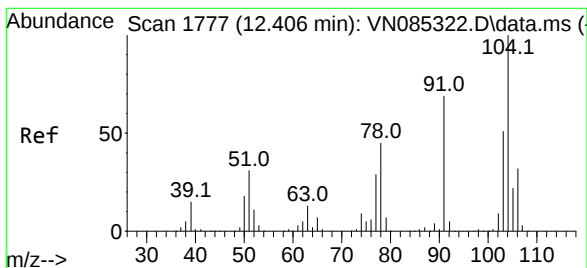
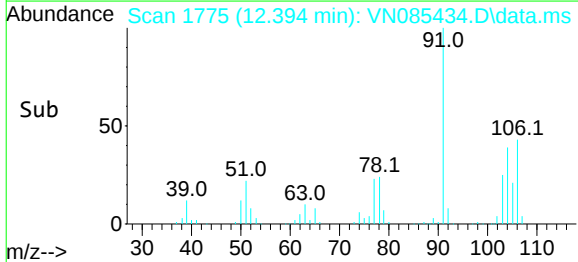
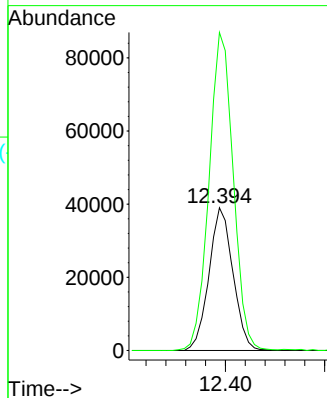
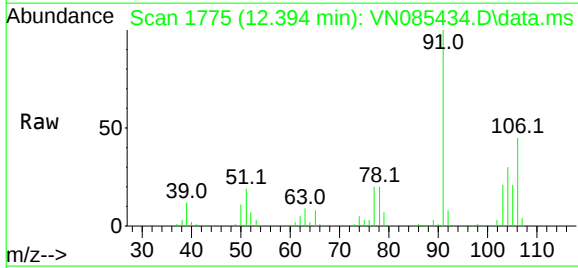
91 224.8 107.3 321.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025



#70

Styrene

Concen: 20.117 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN085434.D

Acq: 13 Jan 2025 18:18

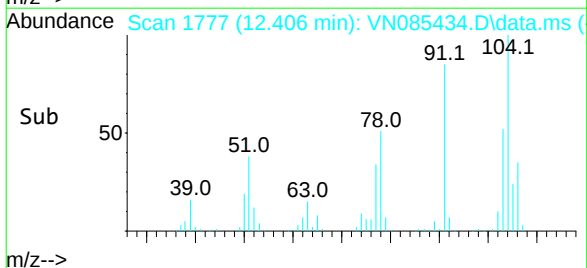
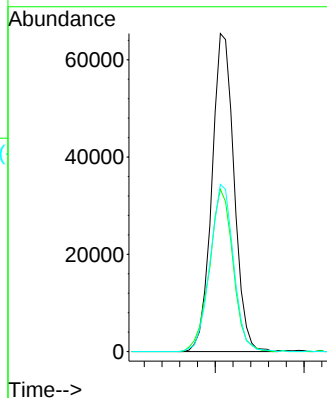
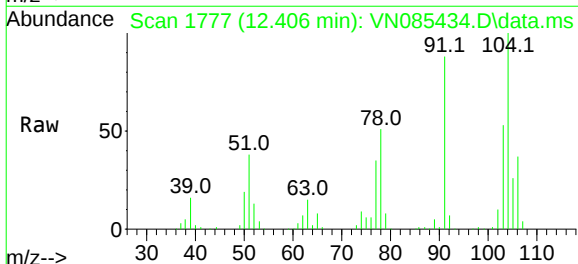
Tgt Ion:104 Resp: 113598

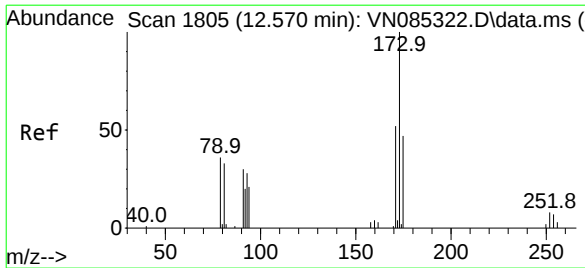
Ion Ratio Lower Upper

104 100

78 54.1 40.7 61.1

103 55.5 44.1 66.1





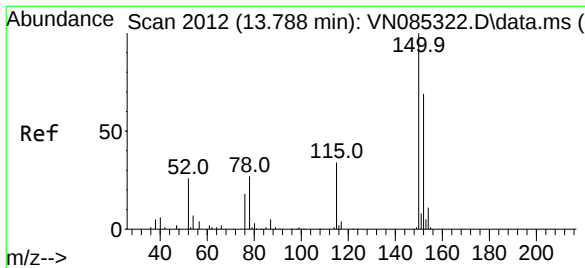
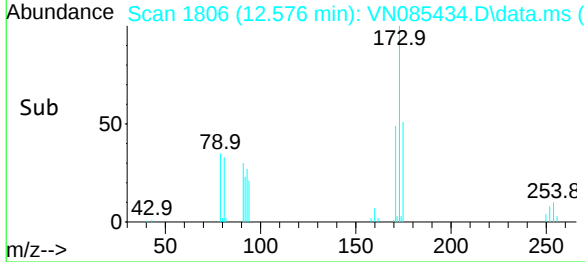
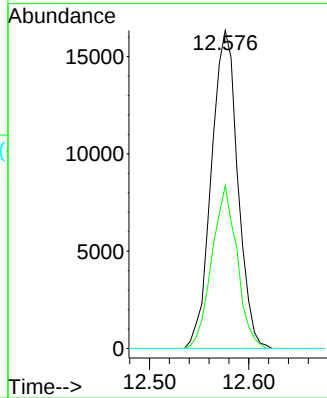
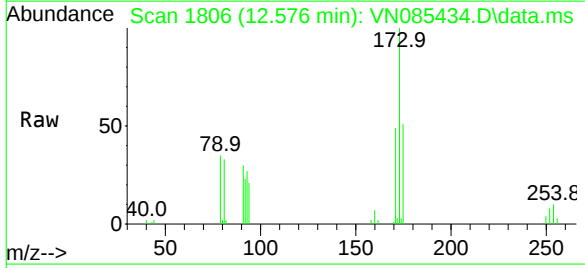
#71
Bromoform
Concen: 21.920 ug/l
RT: 12.576 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.4	73.4
254	0.0	0.0	0.0

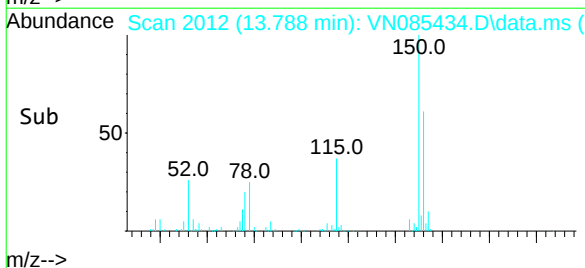
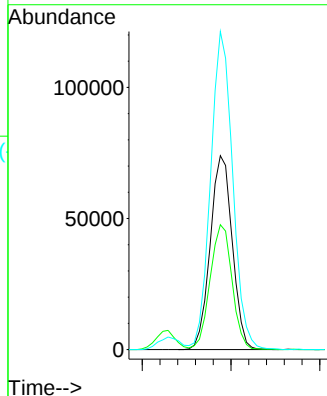
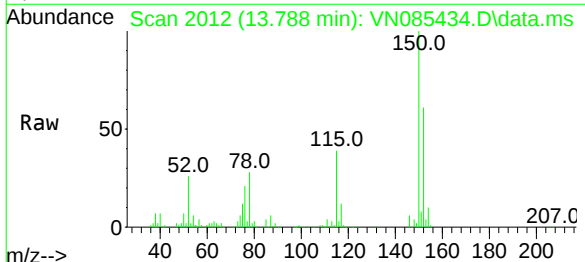
Manual Integrations
APPROVED

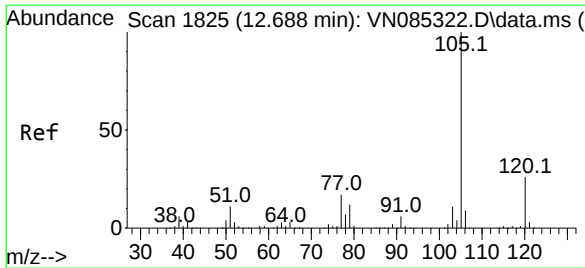
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.0	30.4	91.3
150	164.2	0.0	345.0





#73

Isopropylbenzene

Concen: 18.266 ug/l

RT: 12.694 min Scan# 18

Delta R.T. 0.006 min

Lab File: VN085434.D

Acq: 13 Jan 2025 18:18

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

Tgt Ion: 105 Resp: 167638

Ion Ratio Lower Upper

105 100

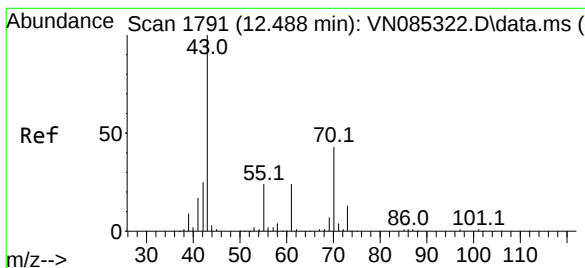
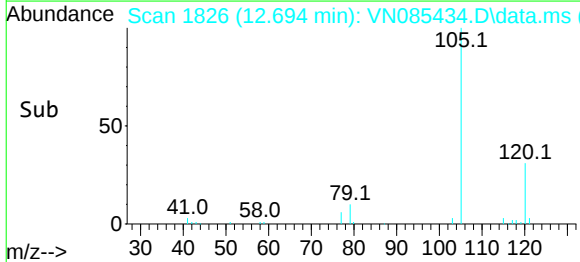
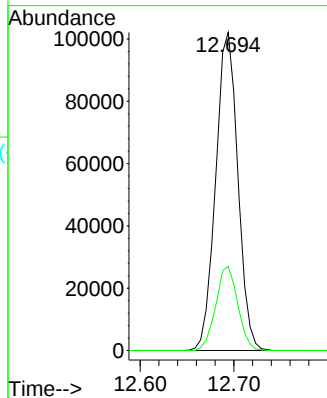
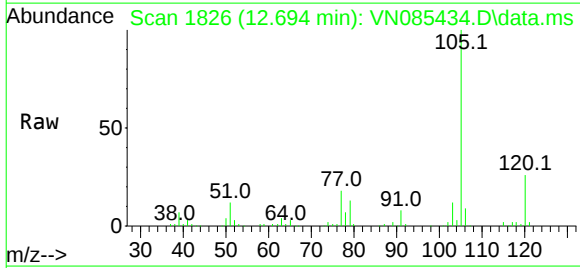
120 26.2 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025



#74

N-ethyl acetate

Concen: 19.321 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085434.D

Acq: 13 Jan 2025 18:18

Tgt Ion: 43 Resp: 75904

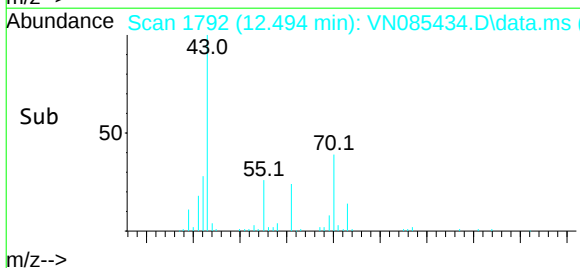
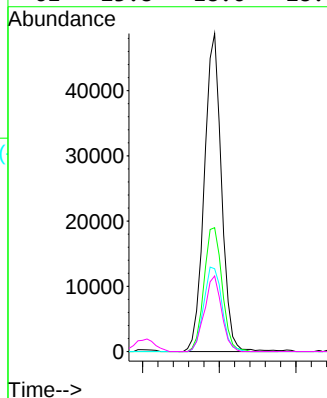
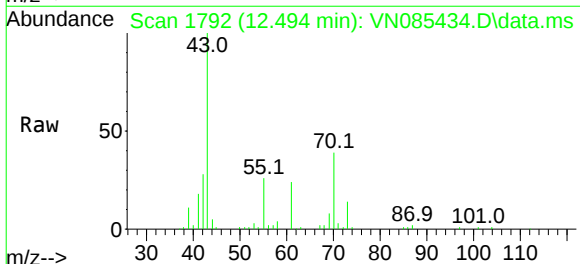
Ion Ratio Lower Upper

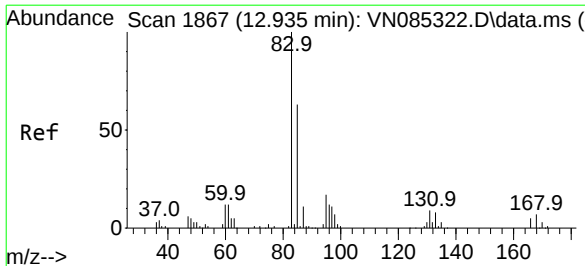
43 100

70 40.9 33.4 50.0

55 28.2 19.2 28.8

61 23.8 18.6 28.0





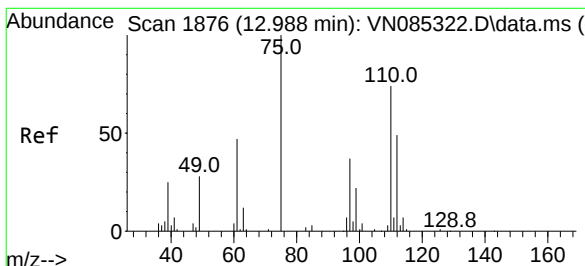
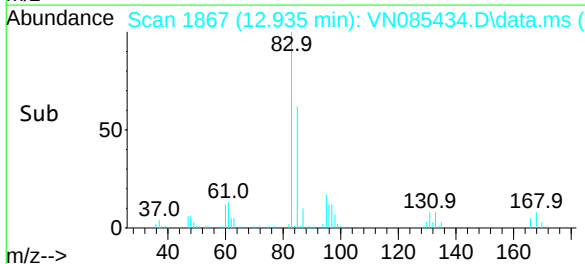
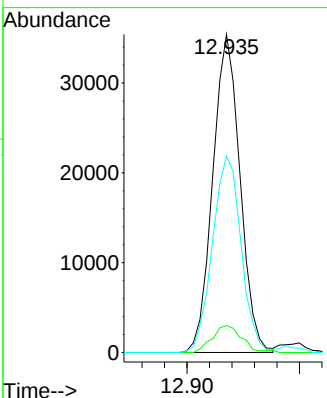
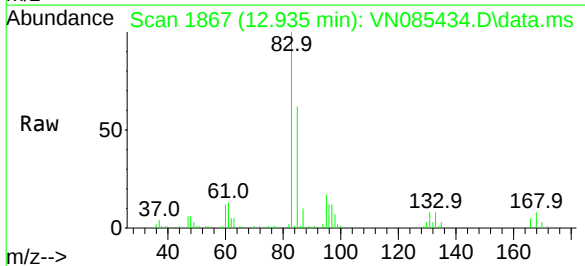
#75
1,1,2,2-Tetrachloroethane
Concen: 20.372 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion:	83	Resp:	59549
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.8	14.4
85	64.9	32.6	98.0

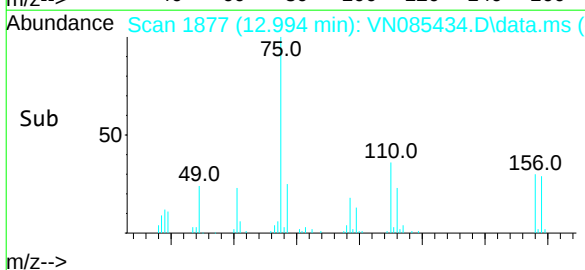
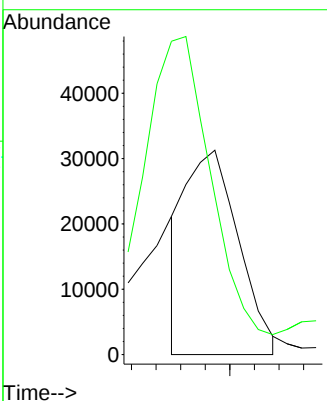
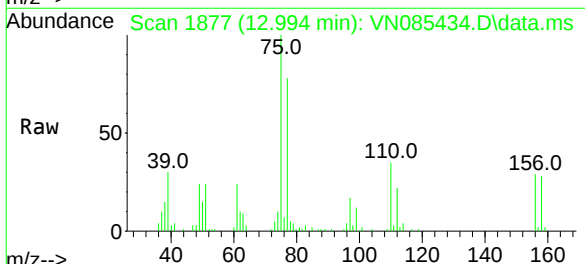
Manual Integrations
APPROVED

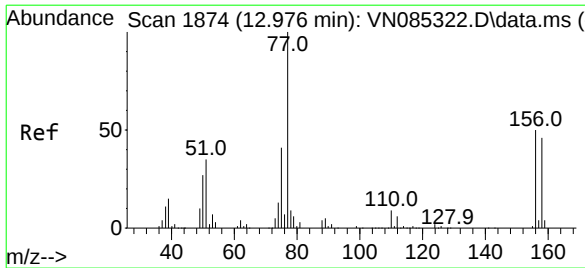
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#76
1,2,3-Trichloropropane
Concen: 19.861 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Tgt Ion:	75	Resp:	47334
Ion Ratio	Lower	Upper	
75	100		
77	208.0	98.1	294.3





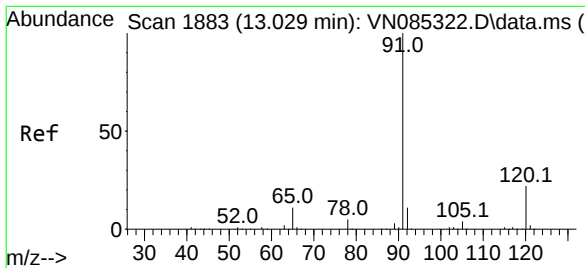
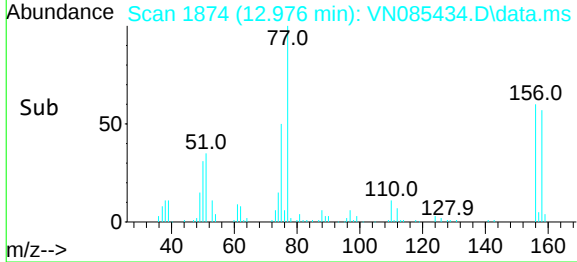
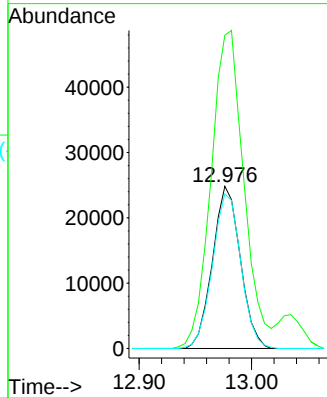
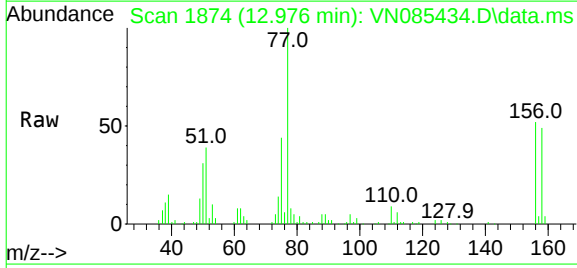
#77
Bromobenzene
Concen: 18.773 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion:156 Resp: 42686
Ion Ratio Lower Upper
156 100
77 230.7 114.0 342.0
158 97.4 47.6 142.8

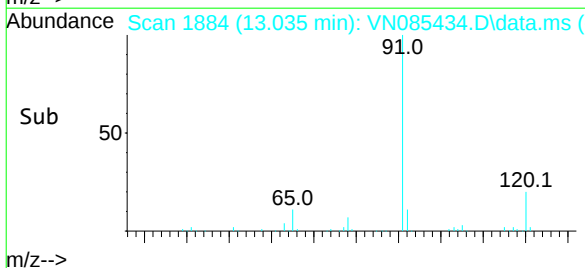
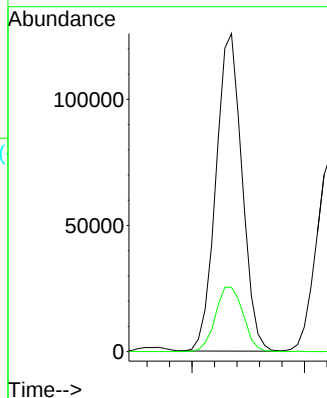
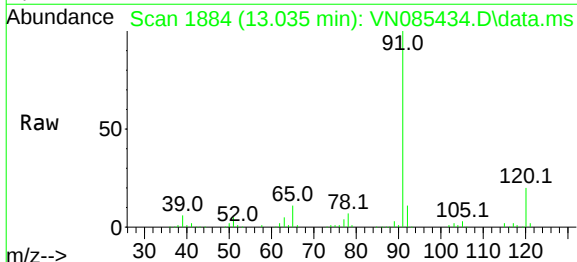
Manual Integrations
APPROVED

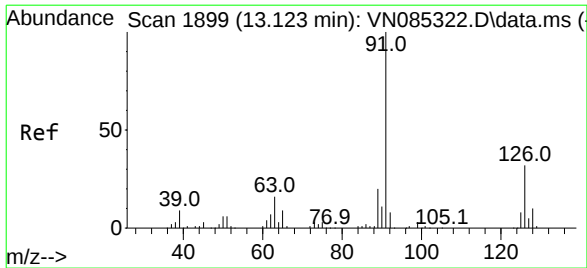
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#78
n-propylbenzene
Concen: 18.942 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Tgt Ion: 91 Resp: 202648
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.9





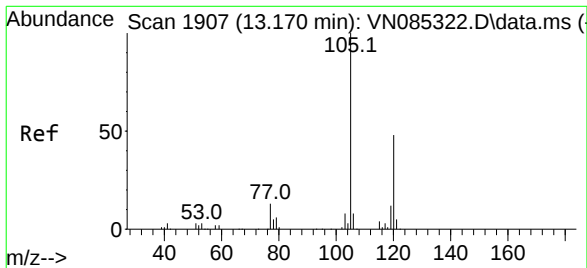
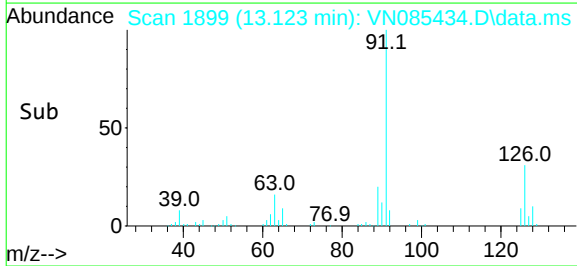
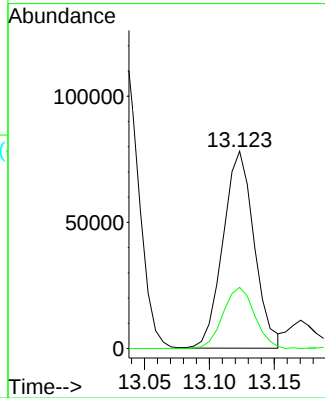
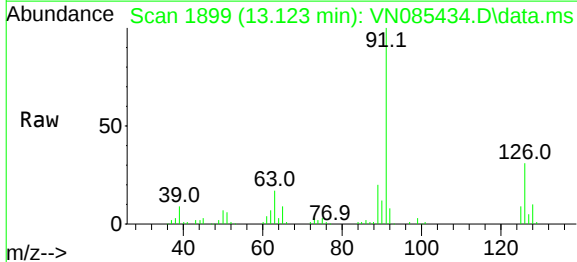
#79
2-Chlorotoluene
Concen: 19.434 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion: 91 Resp: 130851
Ion Ratio Lower Upper
91 100
126 31.4 16.0 48.0

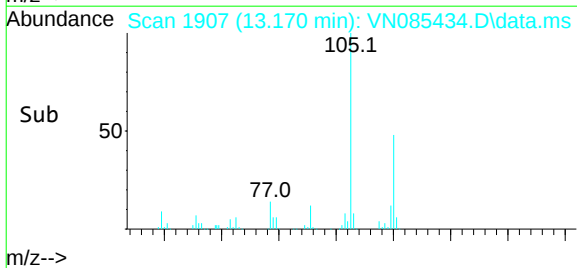
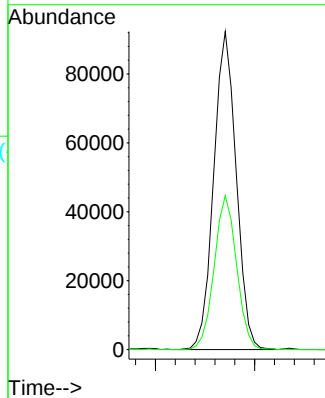
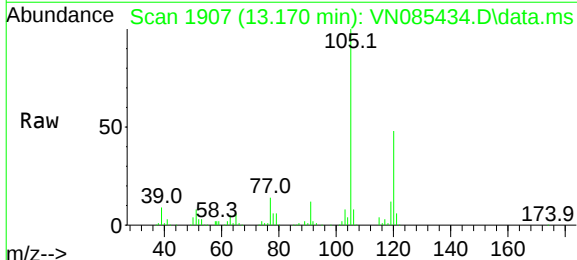
Manual Integrations
APPROVED

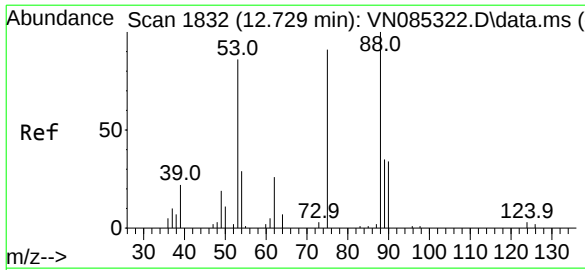
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.575 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

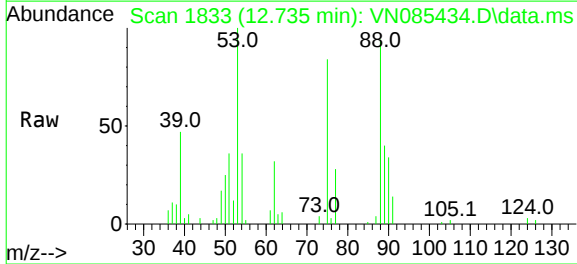
Tgt Ion:105 Resp: 145314
Ion Ratio Lower Upper
105 100
120 48.2 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 18.312 ug/l m
RT: 12.735 min Scan# 1832
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

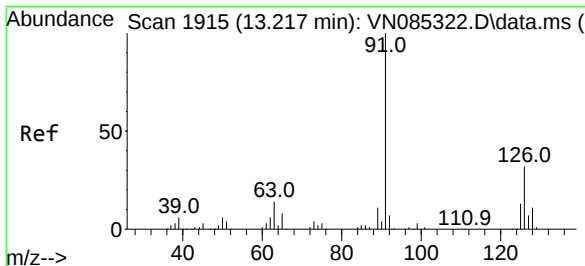
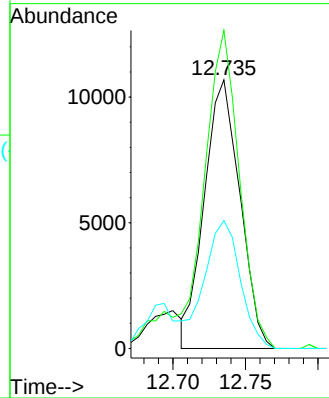
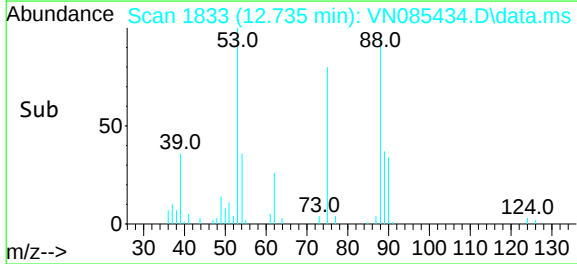
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



Tgt Ion: 75 Resp: 18224
Ion Ratio Lower Upper
75 100
53 127.4 80.0 120.0#
89 48.1 35.8 53.8

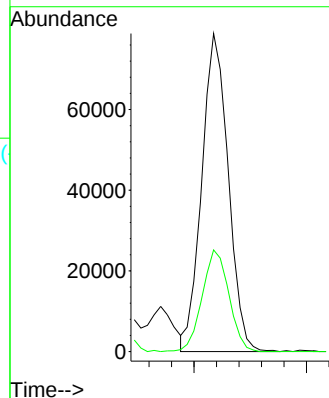
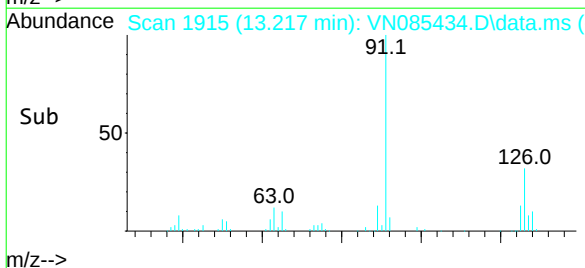
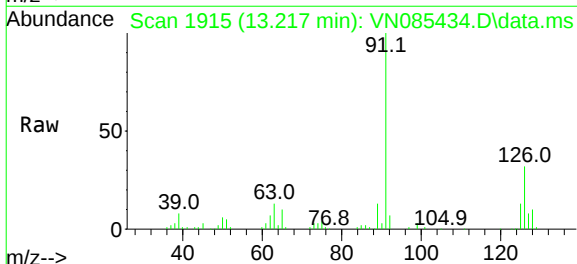
Manual Integrations
APPROVED

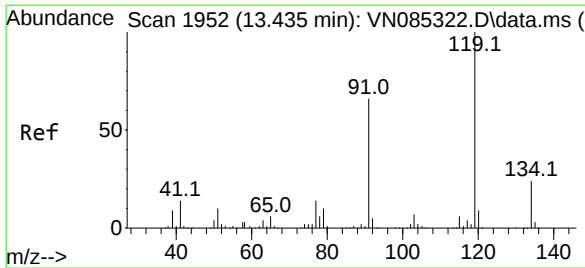
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#82
4-Chlorotoluene
Concen: 18.997 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Tgt Ion: 91 Resp: 128820
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.4





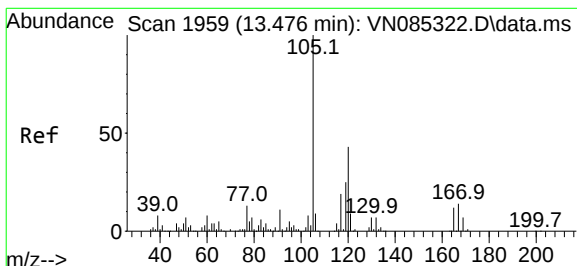
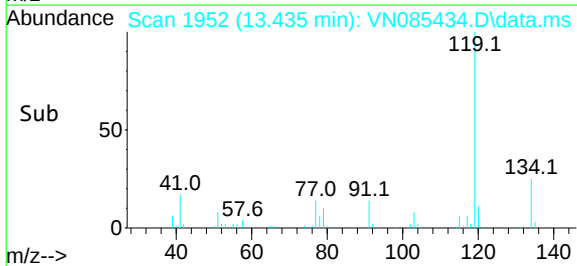
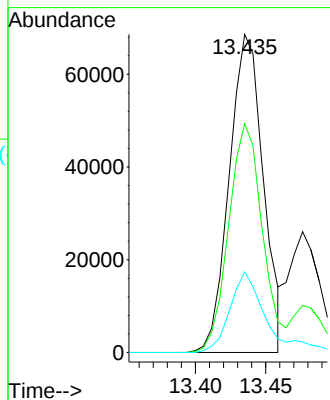
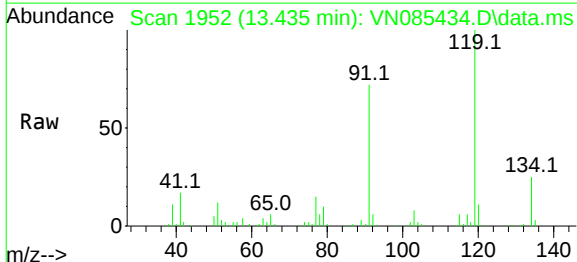
#83
tert-Butylbenzene
Concen: 17.966 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion:119 Resp: 115532
Ion Ratio Lower Upper
119 100
91 71.8 33.6 100.8
134 26.8 13.3 39.8

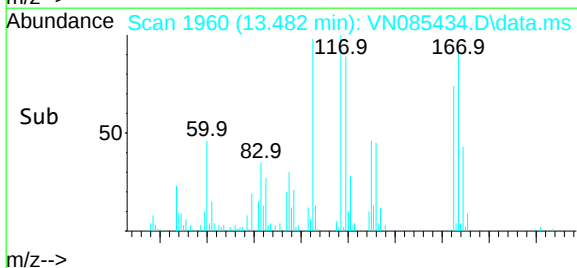
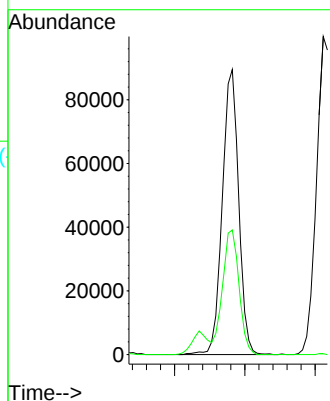
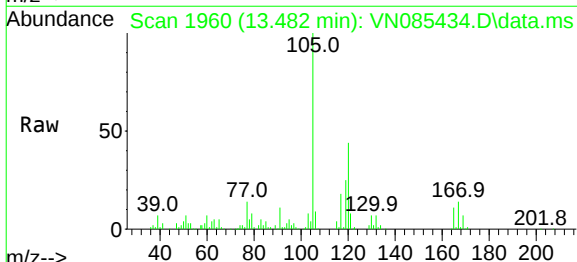
Manual Integrations
APPROVED

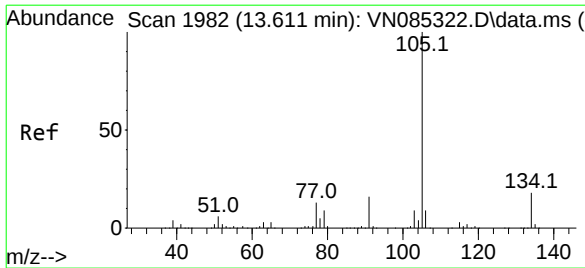
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#84
1,2,4-Trimethylbenzene
Concen: 19.596 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Tgt Ion:105 Resp: 144854
Ion Ratio Lower Upper
105 100
120 44.1 21.7 65.1





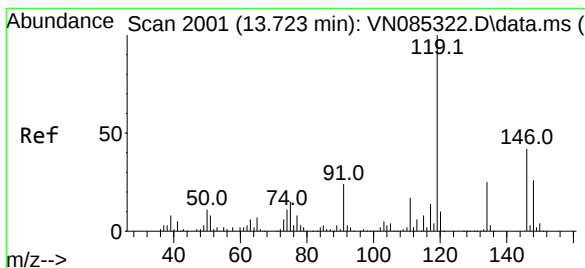
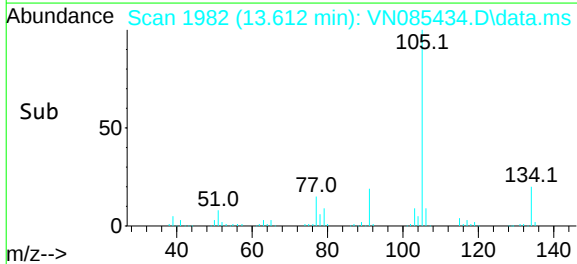
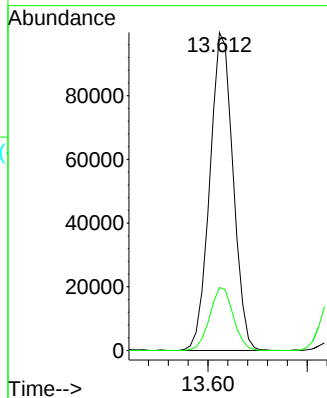
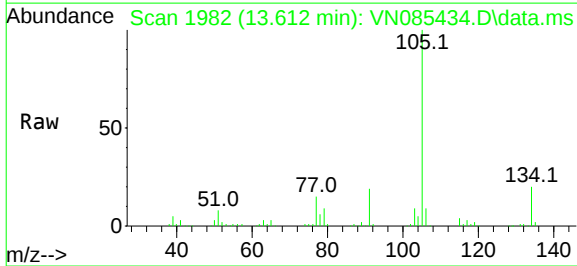
#85
sec-Butylbenzene
Concen: 18.203 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion:105 Resp: 162480
Ion Ratio Lower Upper
105 100
134 20.0 9.4 28.3

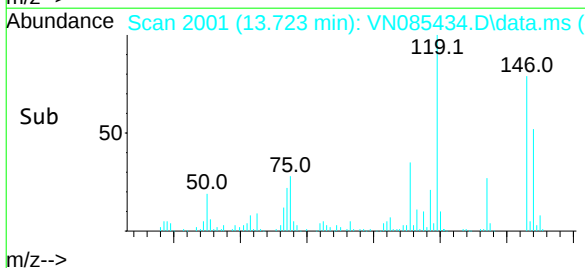
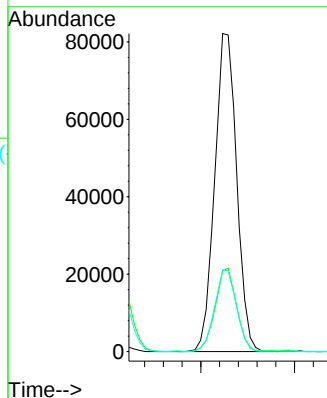
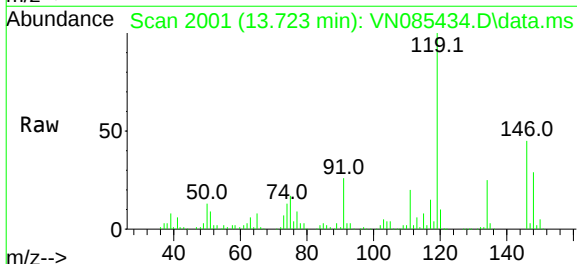
Manual Integrations
APPROVED

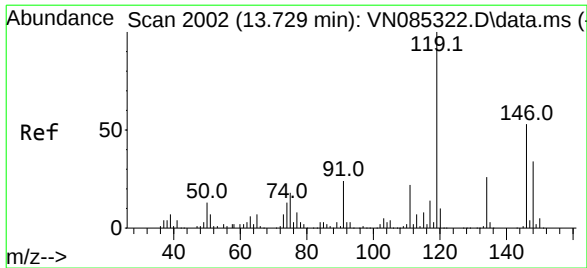
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#86
p-Isopropyltoluene
Concen: 17.534 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

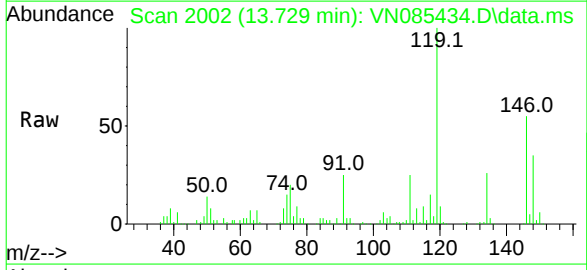
Tgt Ion:119 Resp: 133688
Ion Ratio Lower Upper
119 100
134 25.5 12.5 37.5
91 25.6 12.2 36.4





#87
1,3-Dichlorobenzene
Concen: 18.688 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

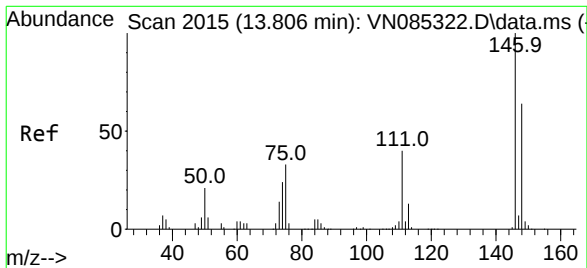
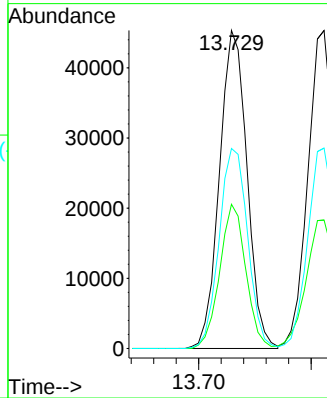
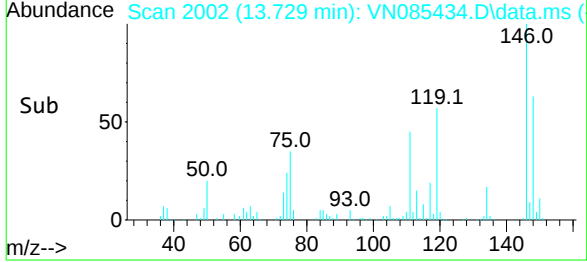
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



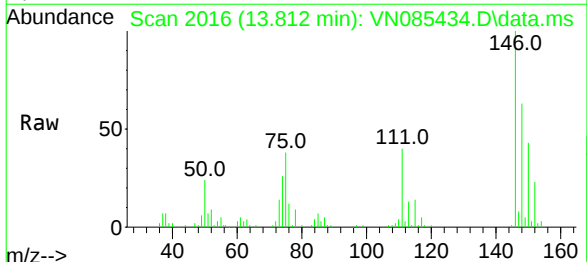
Tgt Ion:146 Resp: 77035
Ion Ratio Lower Upper
146 100
111 43.1 21.3 63.9
148 65.1 31.5 94.5

Manual Integrations
APPROVED

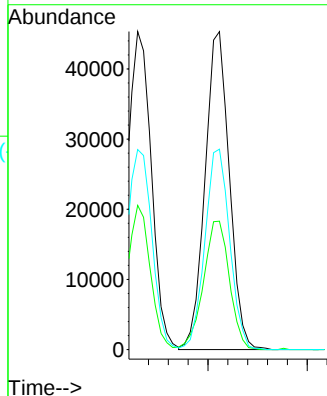
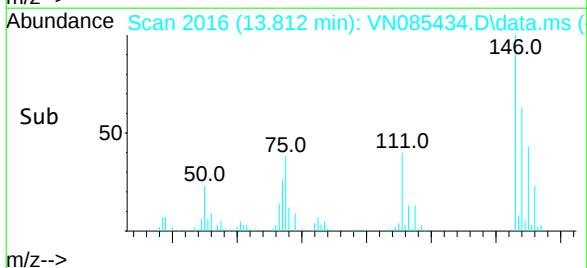
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025

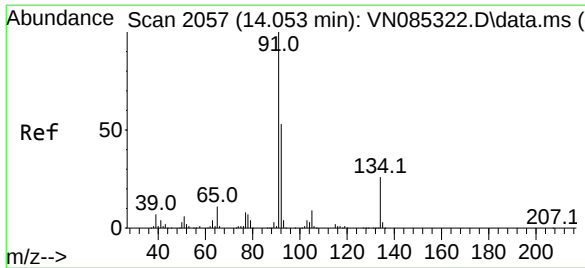


#88
1,4-Dichlorobenzene
Concen: 18.232 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18



Tgt Ion:146 Resp: 77198
Ion Ratio Lower Upper
146 100
111 43.2 20.8 62.5
148 64.3 31.7 95.1





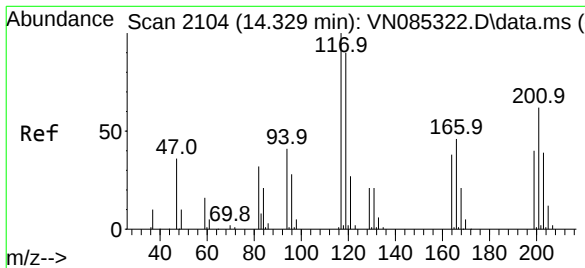
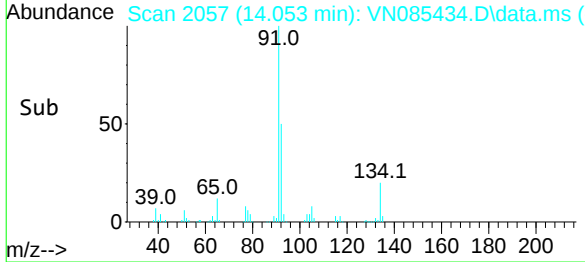
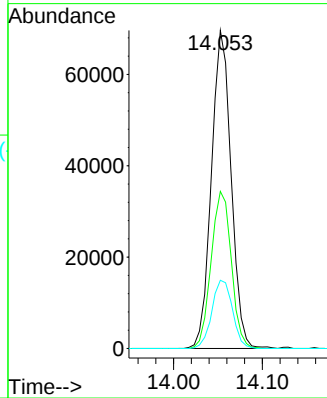
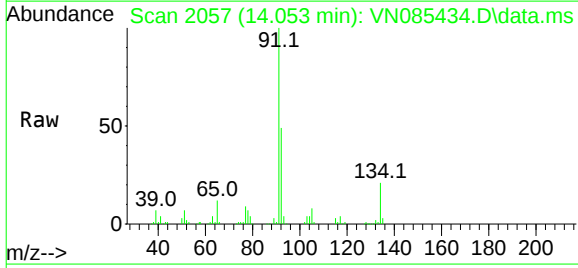
#89
n-Butylbenzene
Concen: 16.426 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

Tgt Ion: 91 Resp: 107369
Ion Ratio Lower Upper
91 100
92 50.6 26.0 78.0
134 22.5 12.1 36.3

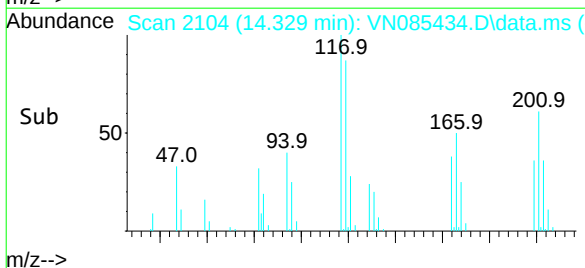
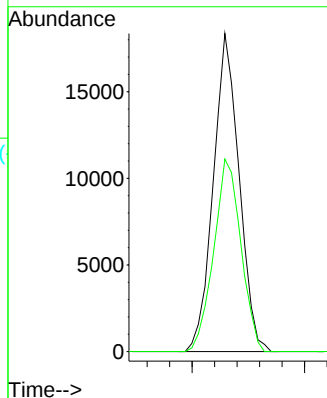
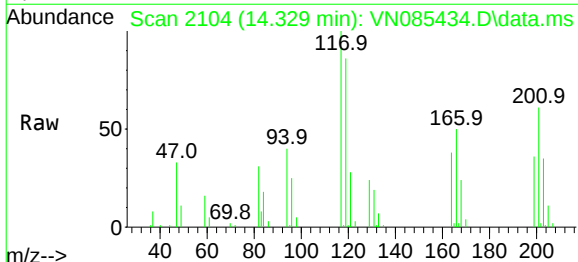
Manual Integrations
APPROVED

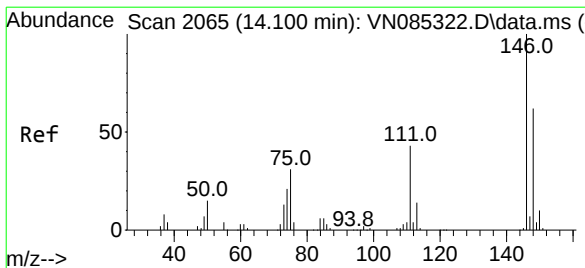
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#90
Hexachloroethane
Concen: 19.992 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

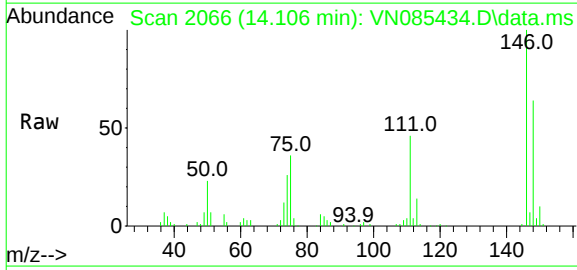
Tgt Ion:117 Resp: 29251
Ion Ratio Lower Upper
117 100
201 63.7 30.7 92.1





#91
1,2-Dichlorobenzene
Concen: 19.052 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

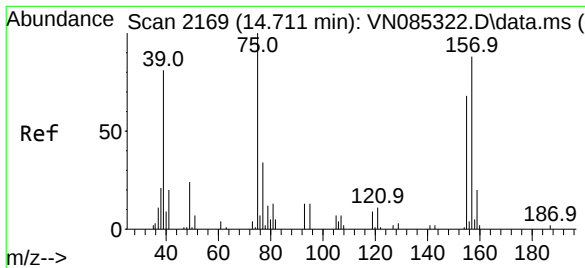
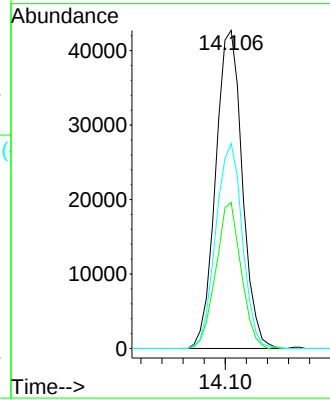
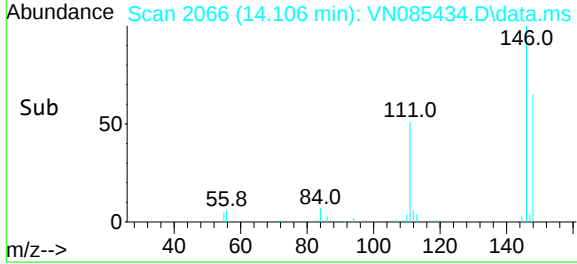
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



Tgt Ion:146 Resp: 74811
Ion Ratio Lower Upper
146 100
111 43.7 21.8 65.3
148 64.6 31.4 94.2

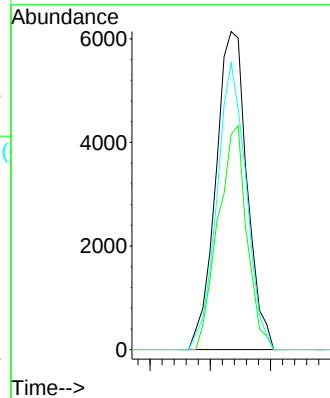
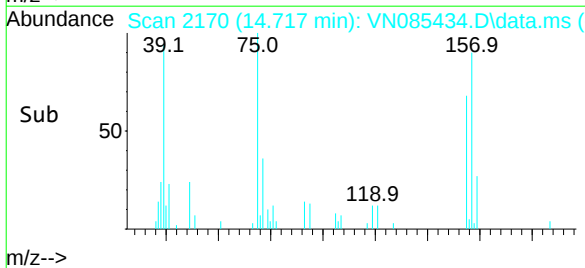
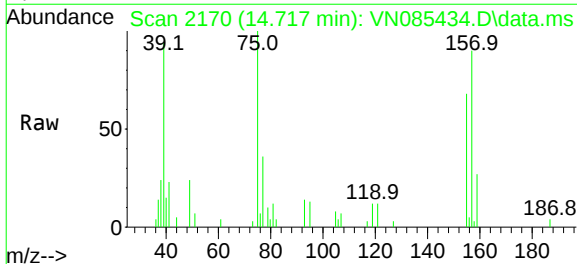
Manual Integrations
APPROVED

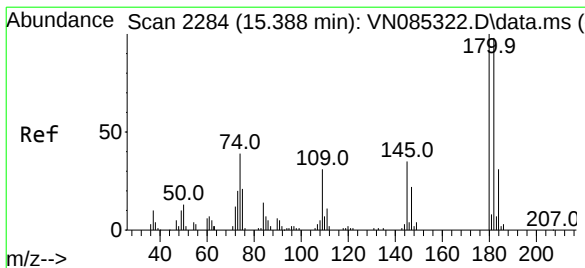
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.264 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

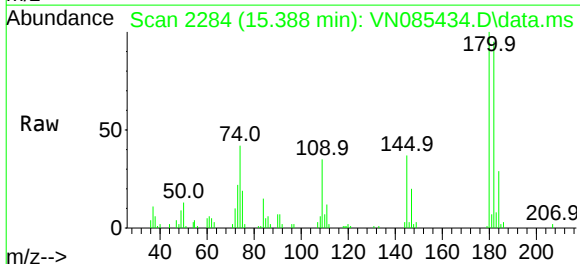
Tgt Ion: 75 Resp: 11062
Ion Ratio Lower Upper
75 100
155 64.6 35.6 106.9
157 84.3 47.0 141.0





#93
1,2,4-Trichlorobenzene
Concen: 16.282 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18

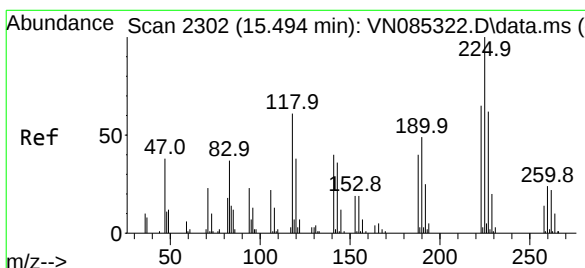
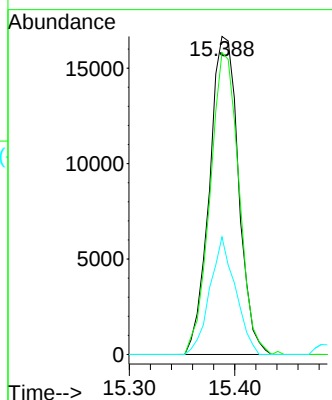
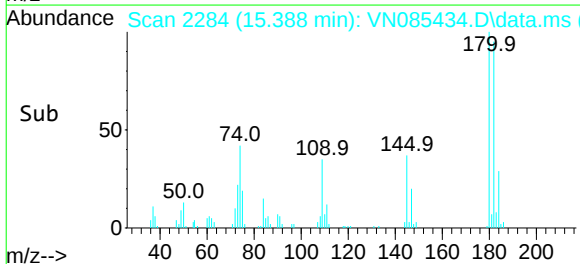
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01



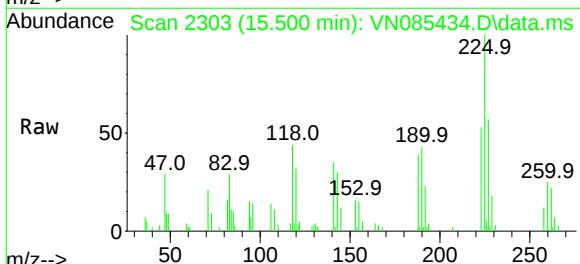
Tgt Ion:180 Resp: 31910
Ion Ratio Lower Upper
180 100
182 94.4 47.2 141.6
145 32.5 16.6 49.8

Manual Integrations
APPROVED

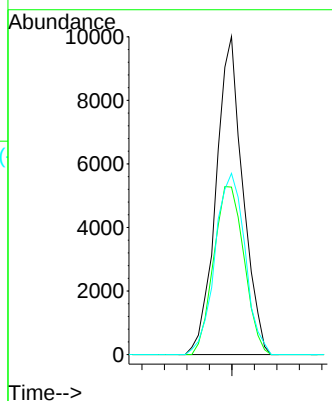
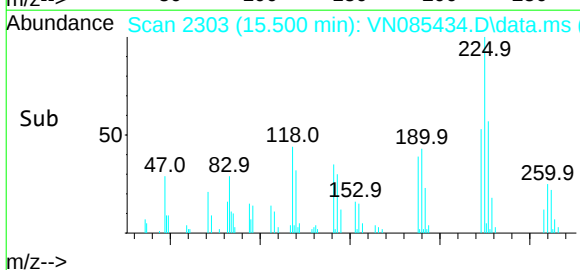
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025

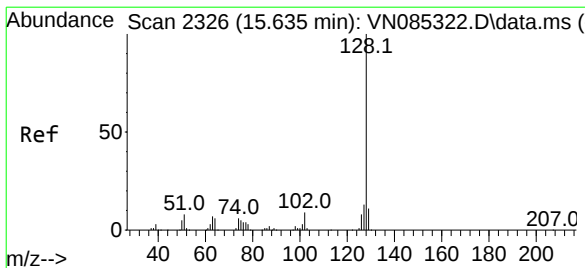


#94
Hexachlorobutadiene
Concen: 17.027 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085434.D
Acq: 13 Jan 2025 18:18



Tgt Ion:225 Resp: 16580
Ion Ratio Lower Upper
225 100
223 60.0 31.6 94.7
227 63.7 30.3 91.0





#95

Naphthalene

Concen: 13.391 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN085434.D

Acq: 13 Jan 2025 18:18

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

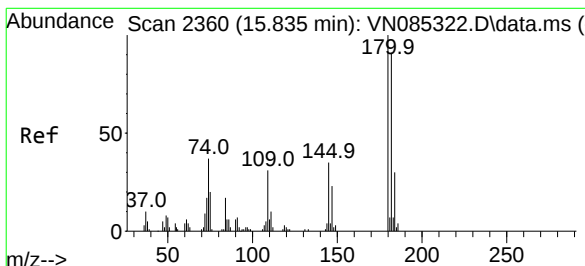
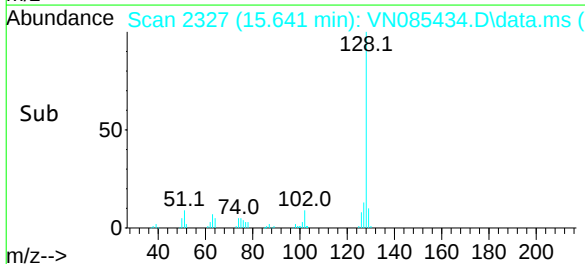
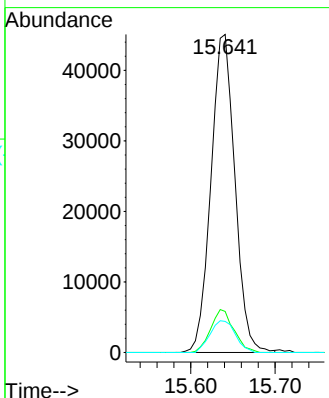
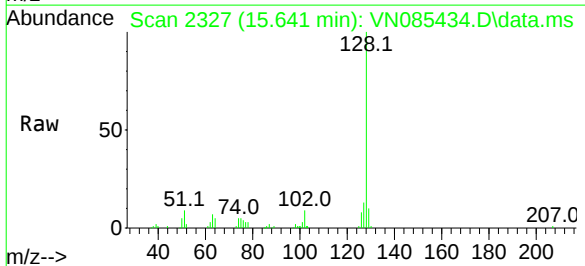
Tgt Ion:	128	Resp:	88990
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	16.0
129	10.6	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025



#96

1,2,3-Trichlorobenzene

Concen: 16.377 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085434.D

Acq: 13 Jan 2025 18:18

Tgt Ion:	180	Resp:	32067
Ion Ratio	Lower	Upper	
180	100		
182	92.7	46.8	140.4
145	35.2	17.2	51.6

