

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041125\
 Data File : VN086250.D
 Acq On : 11 Apr 2025 15:16
 Operator : JC\MD
 Sample : VN0411WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBSD01

Quant Time: Apr 12 01:49:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 12 01:21:52 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2025
 Supervised By : Mahesh Dadoda 04/14/2025

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

Internal Standards						
1) Bromochloromethane	7.812	128	34735	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	202525	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.859	117	180363	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	102343	30.208	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.700%
60) 4-Bromofluorobenzene	12.847	95	106256	29.590	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.633%
63) Toluene-d8	10.565	98	303469	29.803	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.333%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	56086	20.153	ug/l	92
3) Chloromethane	2.359	50	73828	19.194	ug/l	98
4) Vinyl Chloride	2.518	62	70644	19.281	ug/l	93
5) Bromomethane	2.965	94	35079	19.194	ug/l	100
6) Chloroethane	3.124	64	44166	19.089	ug/l	96
7) Trichlorofluoromethane	3.500	101	77277	19.443	ug/l	96
8) Diethyl Ether	3.959	74	38725	21.128	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	48170	19.655	ug/l	98
10) 1,1-Dichloroethene	4.341	96	50453	19.075	ug/l	98
11) Methyl Iodide	4.589	142	58142	19.126	ug/l	99
12) Methyl Acetate	5.018	43	77938	20.867	ug/l	99
13) Acrolein	4.177	56	41459	97.652	ug/l	95
14) Acrylonitrile	5.718	53	157824	100.092	ug/l	98
15) Acetone	4.424	58	40914	102.336	ug/l	90
16) Carbon Disulfide	4.712	76	144392	19.038	ug/l	98
17) Allyl chloride	5.018	41	93530	20.289	ug/l	96
18) Methylene Chloride	5.271	84	60034	19.908	ug/l	94
19) trans-1,2-Dichloroethene	5.783	96	52359	18.794	ug/l	97
20) Diisopropyl ether	6.671	45	208832	21.072	ug/l	97
21) 1,1-Dichloroethane	6.565	63	106033	20.053	ug/l	97
22) cis-1,2-Dichloroethene	7.482	96	65216	19.651	ug/l	99
23) tert-Butyl Alcohol	5.512	59	63490	97.177	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	201155	21.074	ug/l	98
25) Chloroform	7.965	83	100265	19.885	ug/l	96
26) Cyclohexane	8.253	56	95525	19.310	ug/l #	100
29) 1,1-Dichloropropene	8.365	75	74865	20.635	ug/l	98
30) 2-Butanone	7.477	43	214454	106.676	ug/l	100
31) 2,2-Dichloropropane	7.488	77	92014	20.604	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	84856	20.333	ug/l	99
33) Carbon Tetrachloride	8.359	117	68854	20.645	ug/l	98
34) Benzene	8.606	78	240477	20.834	ug/l	97
35) Methacrylonitrile	7.777	41	48115	21.230	ug/l	97
36) 1,2-Dichloroethane	8.671	62	77436	21.439	ug/l	99
37) Trichloroethene	9.347	130	57010	20.471	ug/l	97
38) Methylcyclohexane	9.600	83	89548	20.125	ug/l	99
39) 1,2-Dichloropropane	9.618	63	61439	21.392	ug/l	96
40) Dibromomethane	9.706	93	39298	21.185	ug/l	99
41) Bromodichloromethane	9.888	83	84468	21.197	ug/l	98
42) Vinyl Acetate	6.600	43	753748	110.147	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	84905	20.939	ug/l	95
44) Isopropyl Acetate	8.682	43	160910	21.391	ug/l	99
45) 1,4-Dioxane	9.688	88	23420	391.526	ug/l #	91
46) Methyl methacrylate	9.676	41	69895	21.088	ug/l	96
47) n-amyl Acetate	12.488	43	126575	21.222	ug/l	99
48) t-1,3-Dichloropropene	10.835	75	96458	21.411	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	102066	21.406	ug/l	99
50) 1,1,2-Trichloroethane	11.012	97	56096	21.561	ug/l	97
51) Ethyl methacrylate	10.870	69	105140	21.747	ug/l	97
52) 1,3-Dichloropropane	11.159	76	101323	21.850	ug/l	100
53) Dibromochloromethane	11.359	129	61771	21.706	ug/l	98
54) 1,2-Dibromoethane	11.465	107	56526	21.523	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	254446	139.276	ug/l	99
56) Bromoform	12.576	173	38804	20.842	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	446372	109.058	ug/l	99
59) 2-Hexanone	11.194	43	321747	105.569	ug/l	100
61) Tetrachloroethene	11.100	164	53974	20.264	ug/l	97
62) Toluene	10.629	91	250492	20.706	ug/l	100
64) Chlorobenzene	11.888	112	152512	20.635	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	51756	21.219	ug/l	99
66) Ethyl Benzene	11.959	91	271487	20.236	ug/l	96
67) m/p-Xylenes	12.070	106	203138	40.720	ug/l	100
68) o-Xylene	12.394	106	102269	20.842	ug/l	97
69) Styrene	12.406	104	172721	20.872	ug/l	98
70) Isopropylbenzene	12.694	105	247015	20.417	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	74426	21.612	ug/l	98
72) 1,2,3-Trichloropropane	12.988	75	76312m	21.289	ug/l	
73) Bromobenzene	12.976	156	55372	20.660	ug/l	97
74) n-propylbenzene	13.035	91	290430	20.330	ug/l	99
75) 2-Chlorotoluene	13.123	91	180253	20.074	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	203242	20.450	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	33778	20.436	ug/l	92
78) 4-Chlorotoluene	13.217	91	179336	19.997	ug/l	99
79) tert-butylbenzene	13.435	119	170326	19.806	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	206236	20.464	ug/l	98
81) sec-Butylbenzene	13.611	105	242336	20.202	ug/l	100
82) p-Isopropyltoluene	13.723	119	201123	20.098	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	101287	20.332	ug/l	98
84) 1,4-Dichlorobenzene	13.811	146	100671	20.144	ug/l	99
85) n-Butylbenzene	14.053	91	183068	20.279	ug/l	99
86) Hexachloroethane	14.329	117	32907	19.494	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	100901	20.514	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	16110	20.539	ug/l	97
89) 1,2,4-Trichlorobenzene	15.835	180	48993	20.472	ug/l	99
90) Hexachlorobutadiene	15.494	225	19853	19.213	ug/l	99
91) Naphthalene	15.635	128	194900	20.655	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	48993	20.472	ug/l	99

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

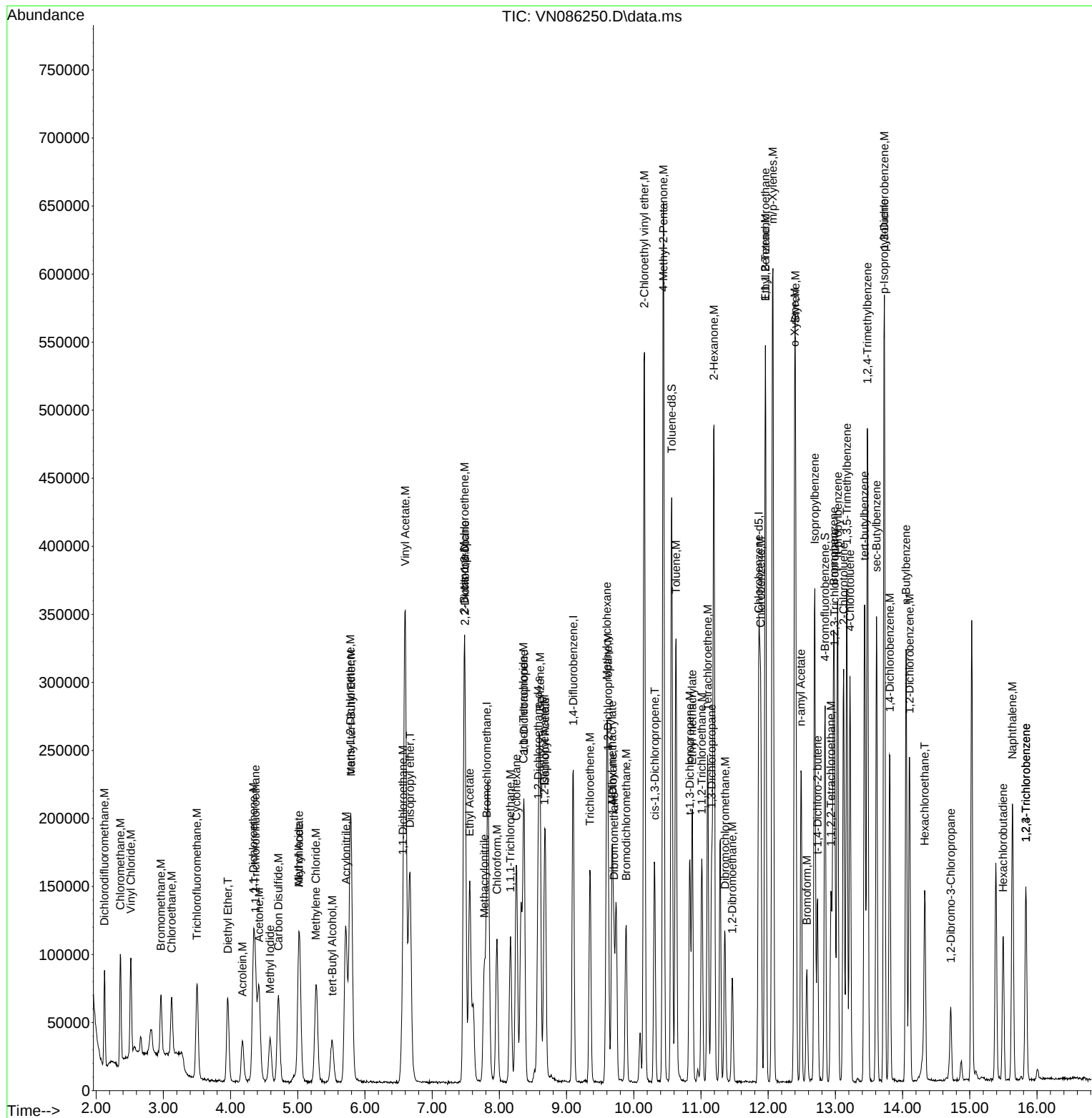
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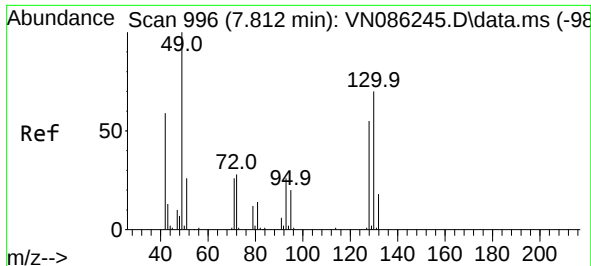
Instrument :
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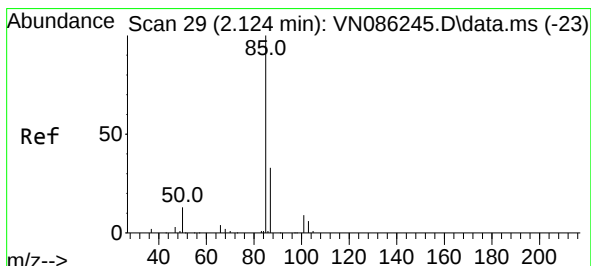
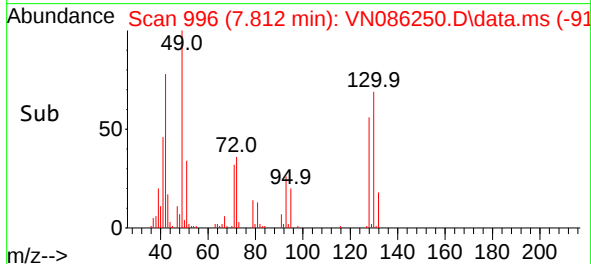
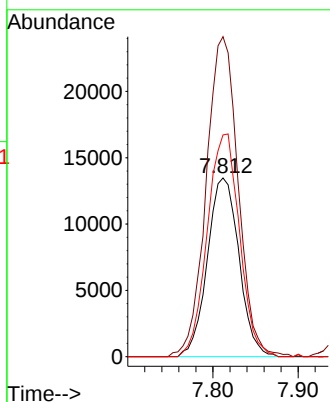
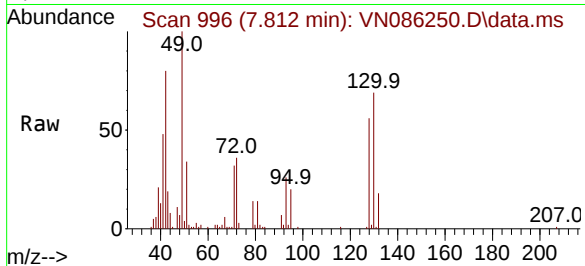
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01

Tgt Ion:128 Resp: 34735
Ion Ratio Lower Upper
128 100
49 181.2 0.0 452.5
130 127.0 0.0 315.0

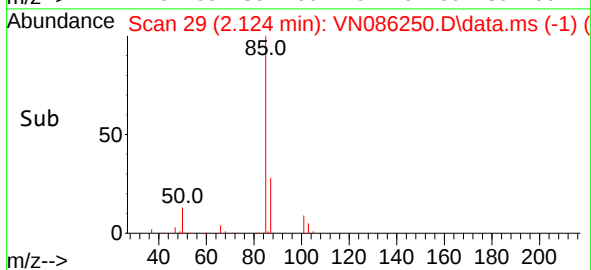
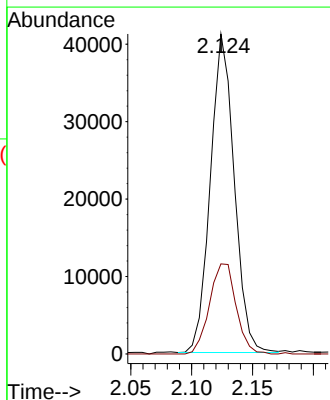
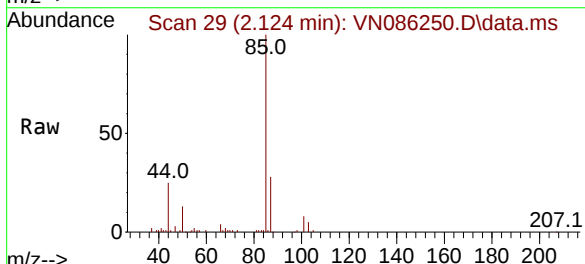
Manual Integrations
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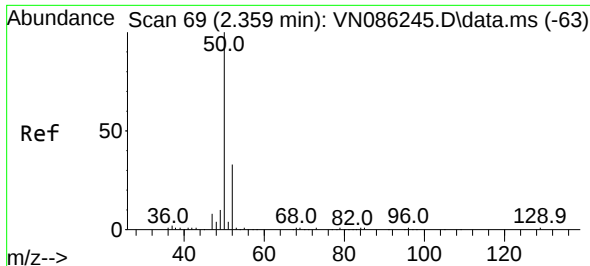
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#2
Dichlorodifluoromethane
Concen: 20.153 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

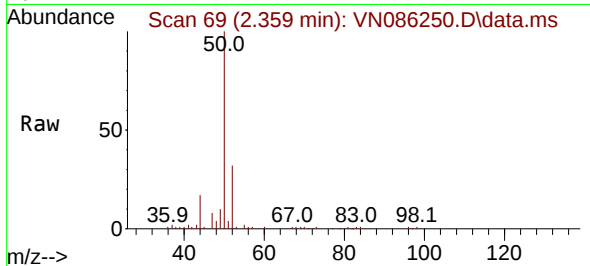
Tgt Ion: 85 Resp: 56086
Ion Ratio Lower Upper
85 100
87 28.3 16.3 48.9





#3
Chloromethane
Concen: 19.194 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

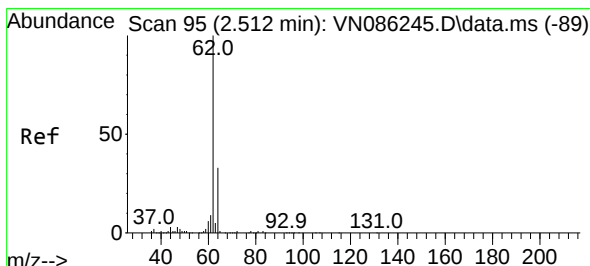
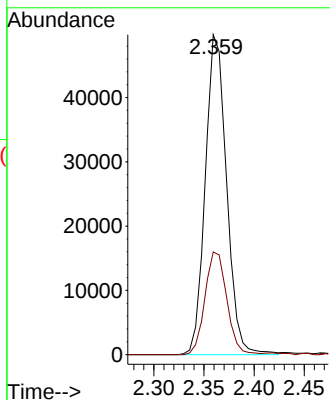
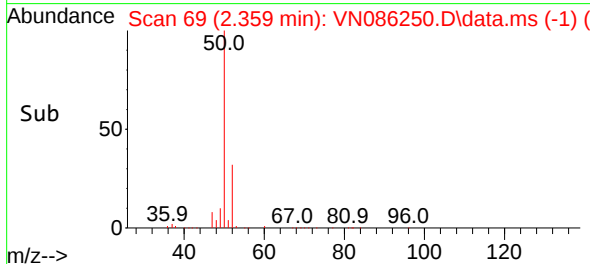
Instrument :
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ClientSampleId :
VN0411WBSD01



Tgt Ion: 50 Resp: 73828
Ion Ratio Lower Upper
50 100
52 32.1 26.4 39.6

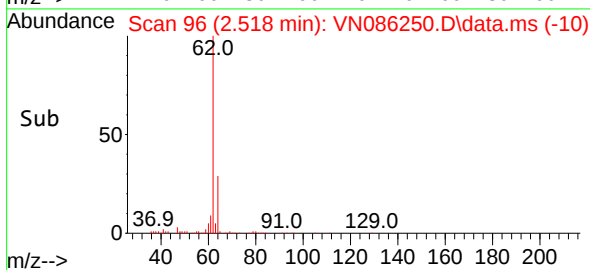
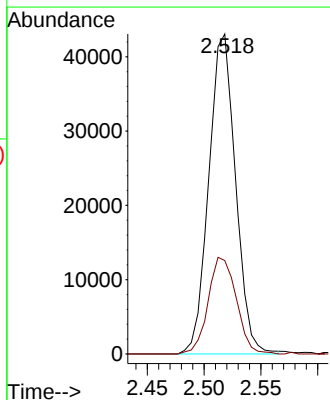
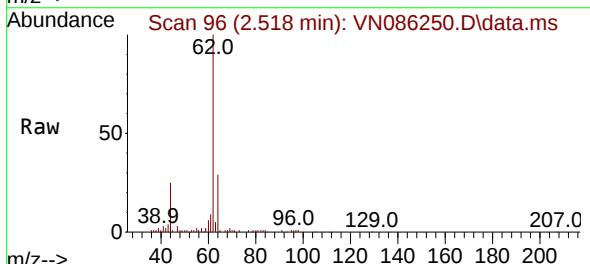
Manual Integrations
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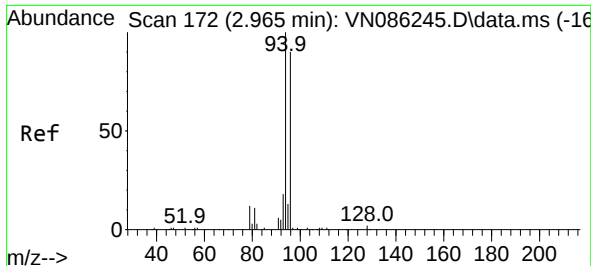
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#4
Vinyl Chloride
Concen: 19.281 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

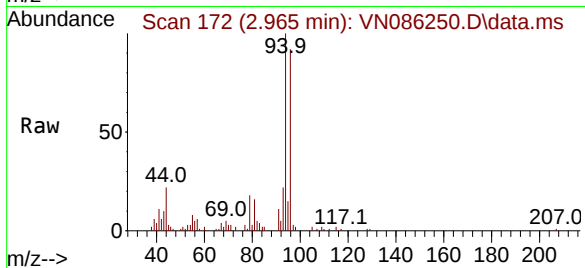
Tgt Ion: 62 Resp: 70644
Ion Ratio Lower Upper
62 100
64 29.2 26.3 39.5





#5
Bromomethane
Concen: 19.194 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

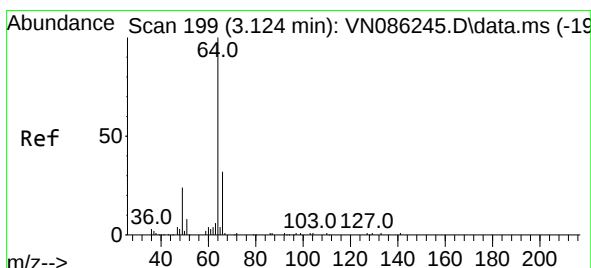
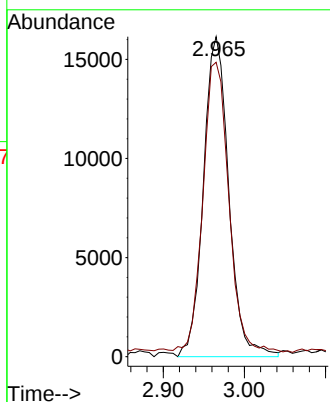
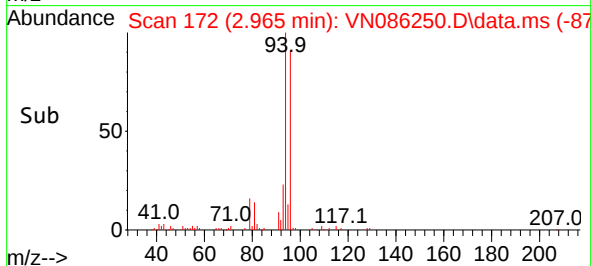
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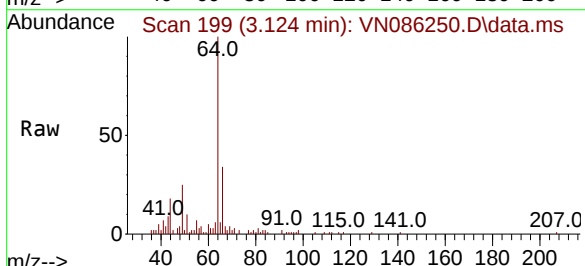
Tgt Ion: 94 Resp: 35079
Ion Ratio Lower Upper
94 100
96 90.0 72.2 108.2

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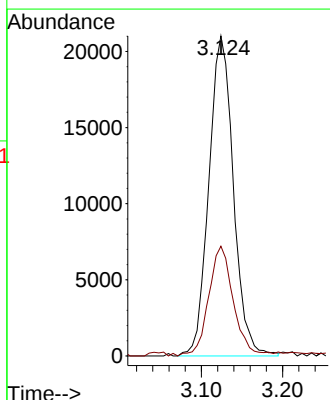
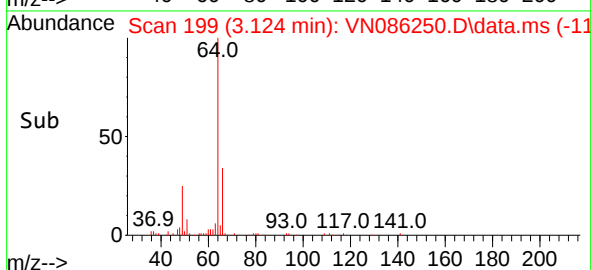
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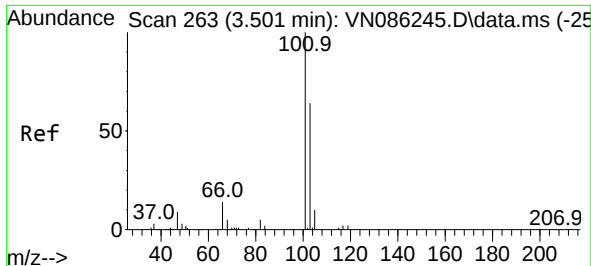


#6
Chloroethane
Concen: 19.089 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16



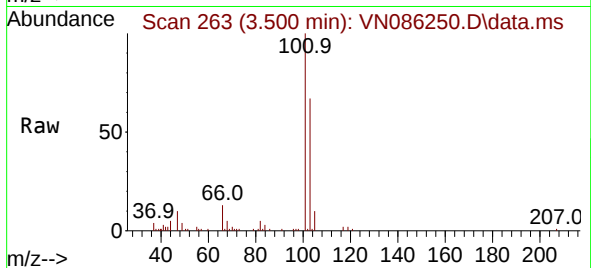
Tgt Ion: 64 Resp: 44166
Ion Ratio Lower Upper
64 100
66 34.3 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 19.443 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN086250.D
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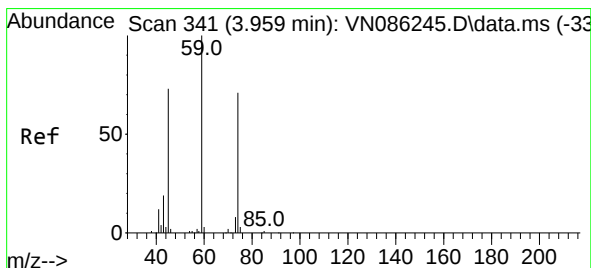
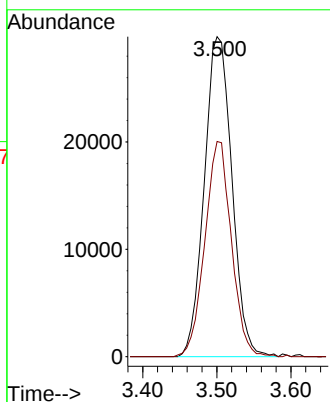
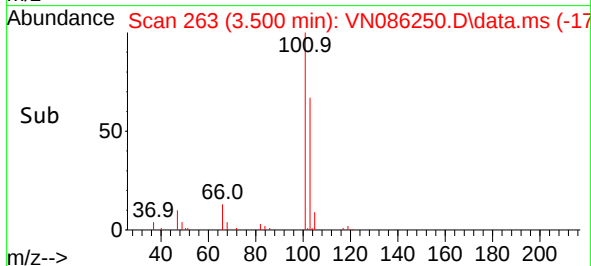
Instrument :
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Tgt Ion:101 Resp: 7727
 Ion Ratio Lower Upper
 101 100
 103 67.2 51.2 76.8

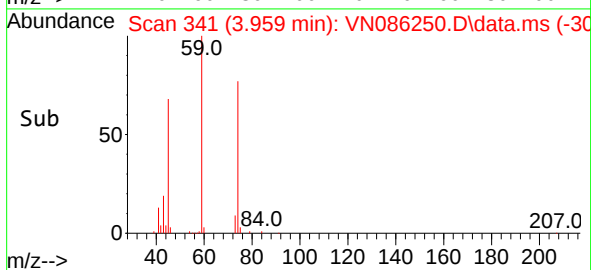
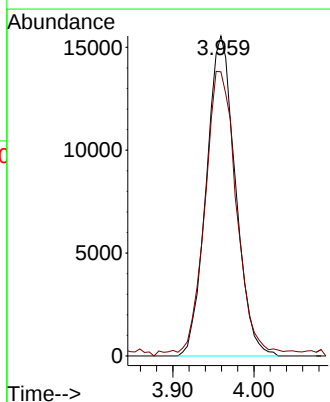
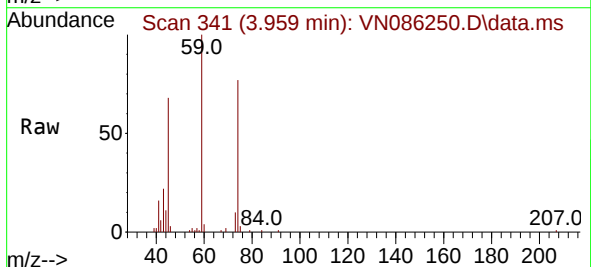
Manual Integrations
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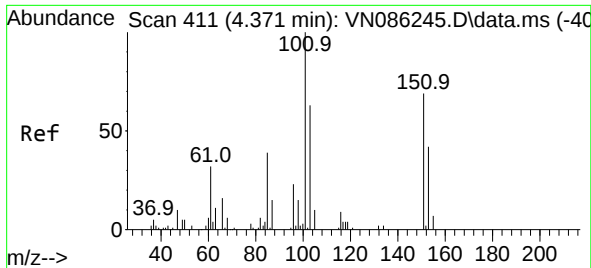
Reviewed By :John Carlone 04/14/2025
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#8
 Diethyl Ether
 Concen: 21.128 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086250.D
 Acq: 11 Apr 2025 15:16

Tgt Ion: 74 Resp: 38725
 Ion Ratio Lower Upper
 74 100
 45 93.7 19.2 173.2





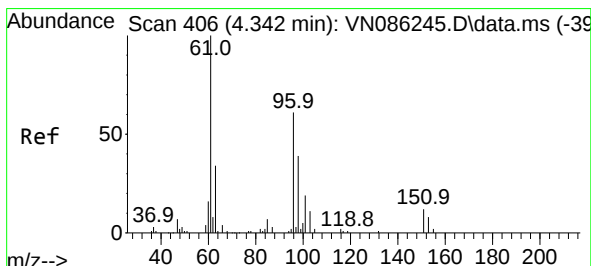
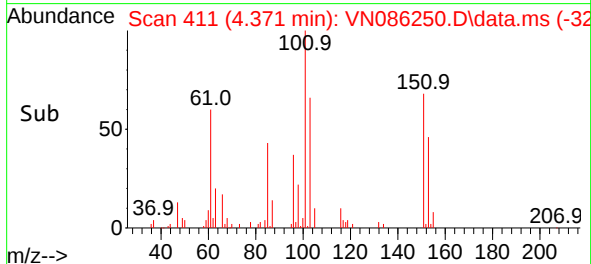
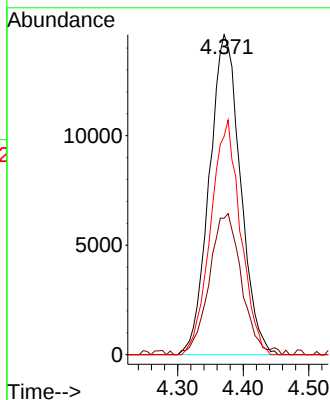
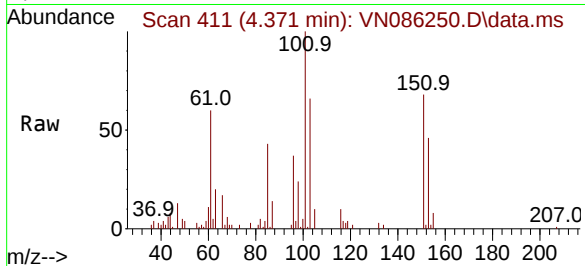
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.655 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VN086250.D
 Acq: 11 Apr 2025 15:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBSD01

Tgt Ion: 101 Resp: 48170
 Ion Ratio Lower Upper
 101 100
 85 45.2 0.0 93.0
 151 70.3 0.0 138.6

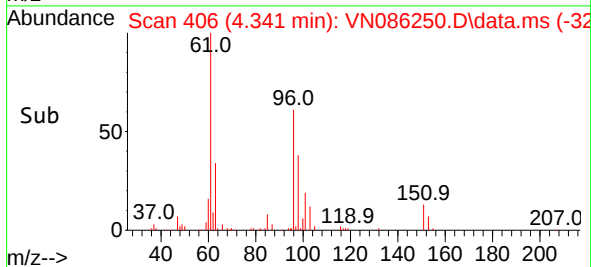
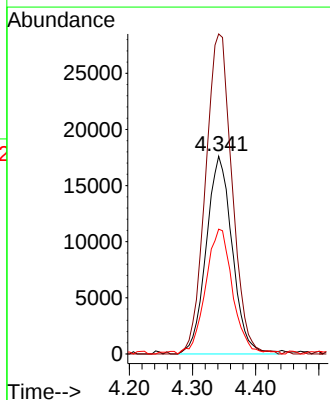
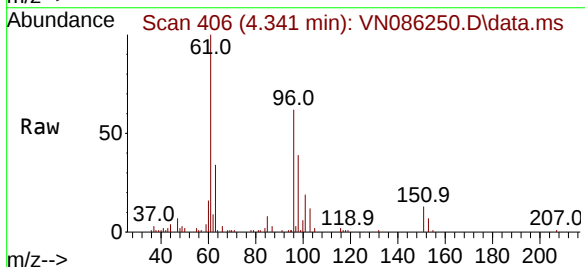
Manual Integrations
 APPROVED

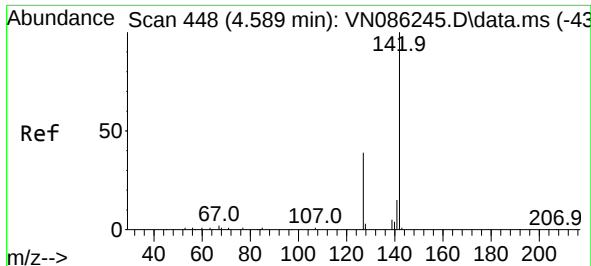
Reviewed By : John Carlone 04/14/2025
 Supervised By : Mahesh Dadoda 04/14/2025



#10
 1,1-Dichloroethene
 Concen: 19.075 ug/l
 RT: 4.341 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: VN086250.D
 Acq: 11 Apr 2025 15:16

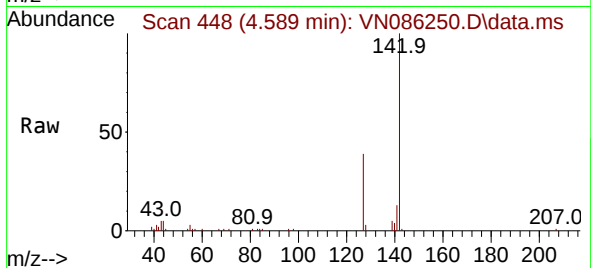
Tgt Ion: 96 Resp: 50453
 Ion Ratio Lower Upper
 96 100
 61 161.8 131.1 196.7
 98 63.1 51.6 77.4





#11
Methyl Iodide
Concen: 19.126 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

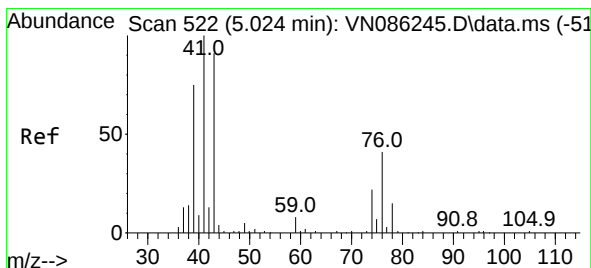
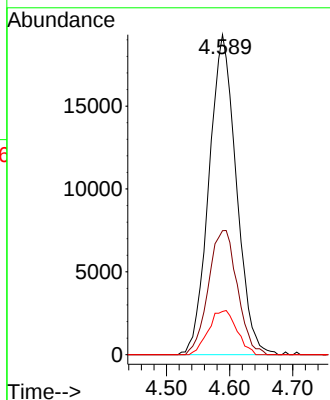
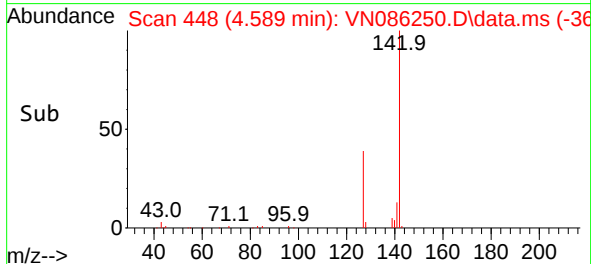
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion:142 Resp: 5814
Ion Ratio Lower Upper
142 100
127 38.8 19.6 58.8
141 13.5 7.3 21.9

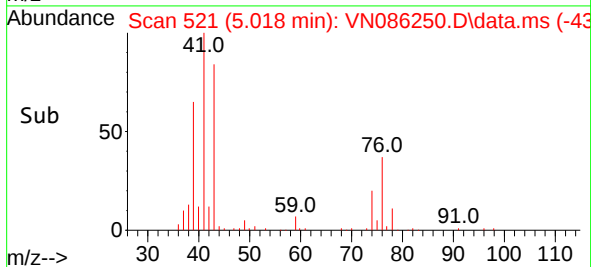
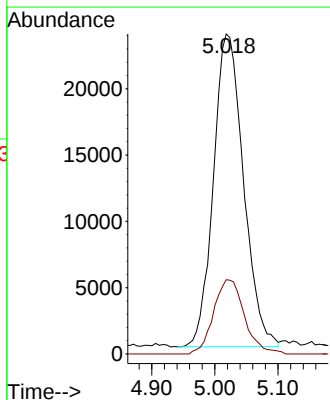
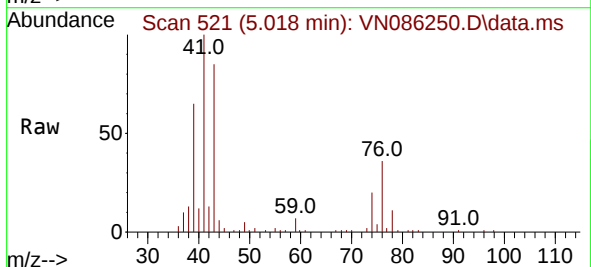
Manual Integrations
APPROVED

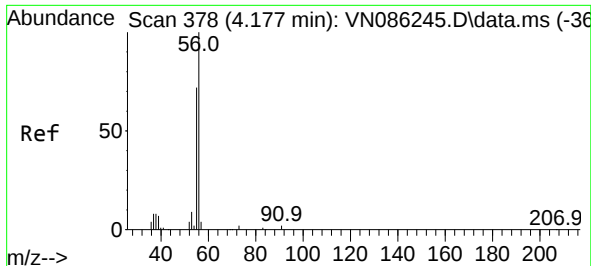
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#12
Methyl Acetate
Concen: 20.867 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

Tgt Ion: 43 Resp: 77938
Ion Ratio Lower Upper
43 100
74 23.4 19.1 28.7





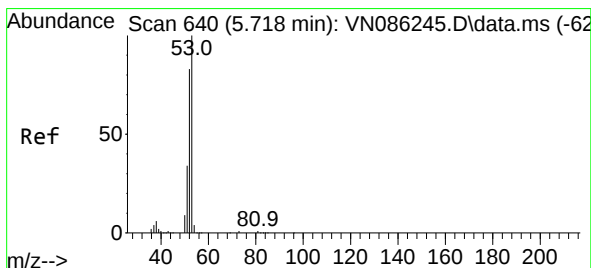
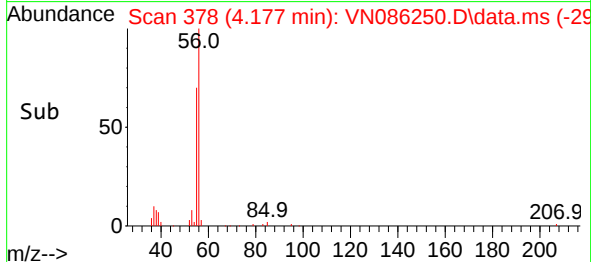
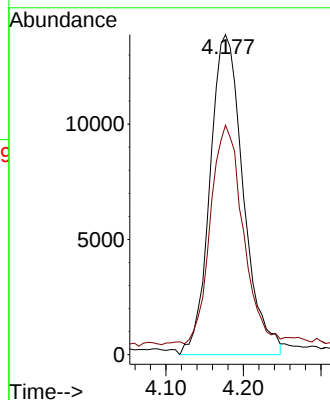
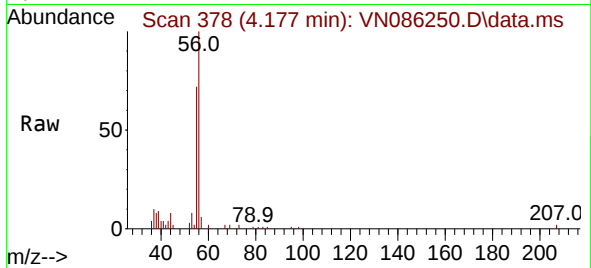
#13
Acrolein
Concen: 97.652 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01

Tgt Ion: 56 Resp: 41459
Ion Ratio Lower Upper
56 100
55 66.9 56.5 84.7

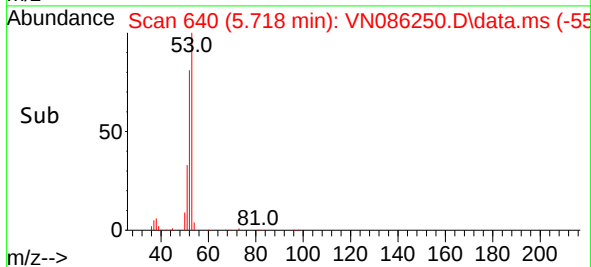
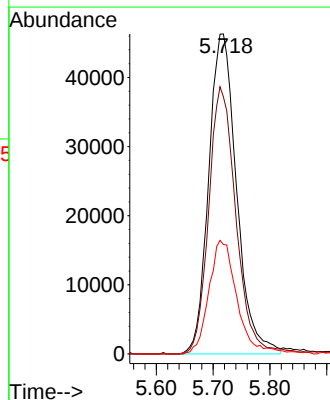
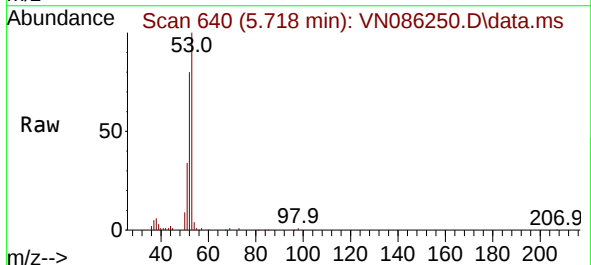
Manual Integrations
APPROVED

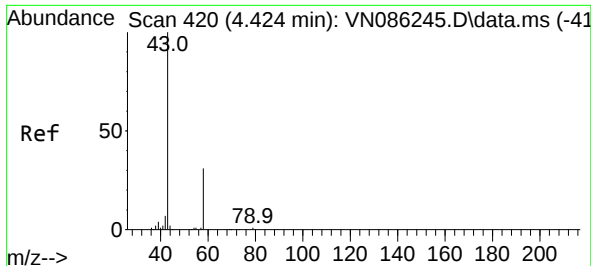
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#14
Acrylonitrile
Concen: 100.092 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

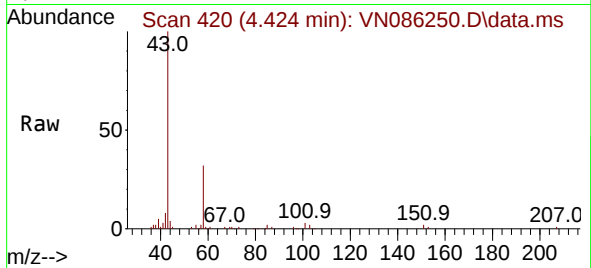
Tgt Ion: 53 Resp: 157824
Ion Ratio Lower Upper
53 100
52 81.6 40.2 120.6
51 33.9 17.5 52.6





#15
Acetone
Concen: 102.336 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

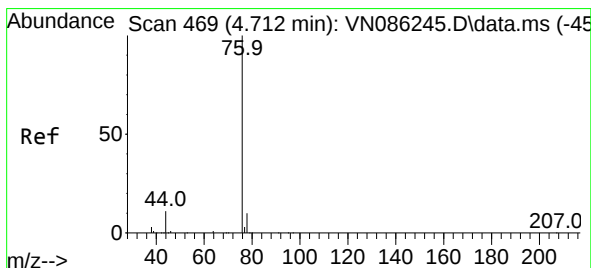
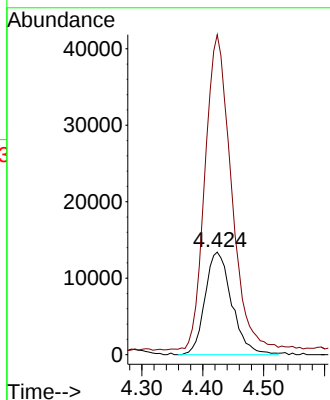
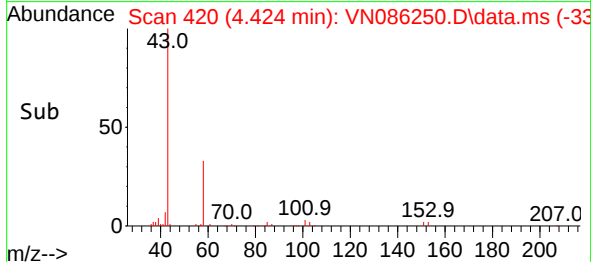
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



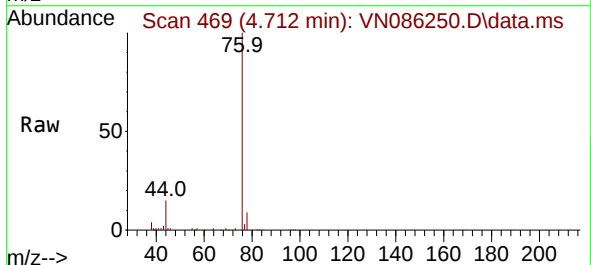
Tgt Ion: 58 Resp: 40914
Ion Ratio Lower Upper
58 100
43 306.6 261.8 392.8

Manual Integrations
APPROVED

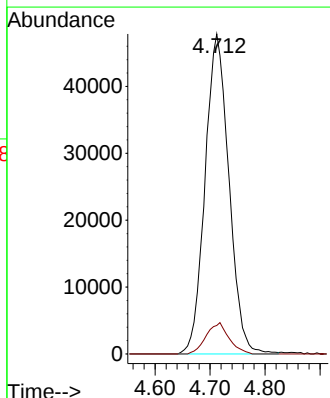
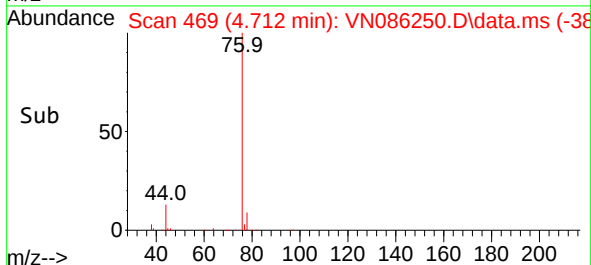
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

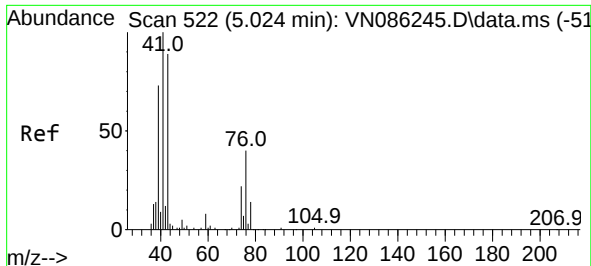


#16
Carbon Disulfide
Concen: 19.038 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16



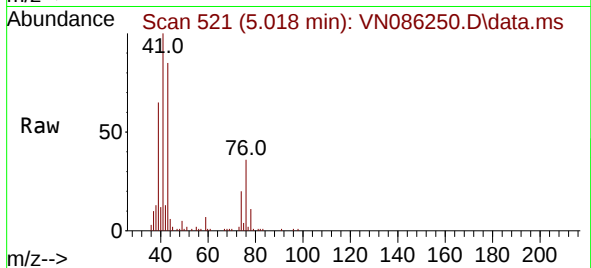
Tgt Ion: 76 Resp: 144392
Ion Ratio Lower Upper
76 100
78 8.9 7.7 11.5





#17
Allyl chloride
Concen: 20.289 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

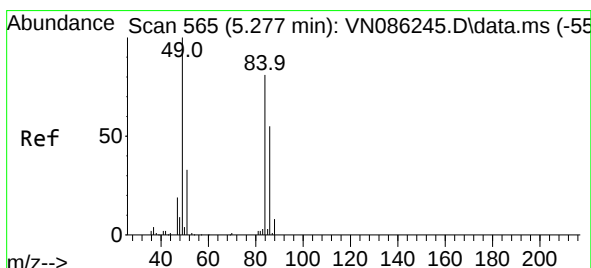
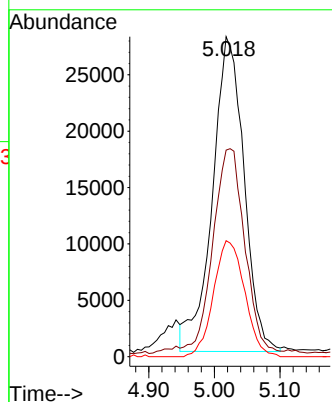
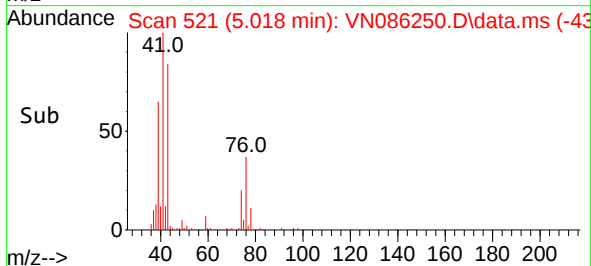
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 41 Resp: 93530
Ion Ratio Lower Upper
41 100
39 64.5 34.4 103.2
76 37.2 18.8 56.3

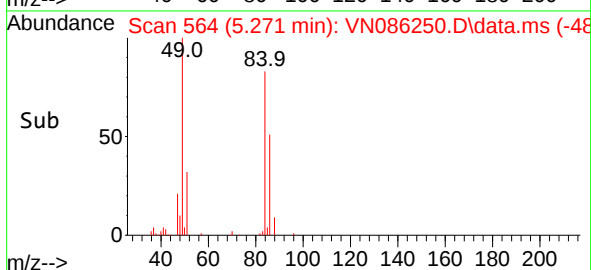
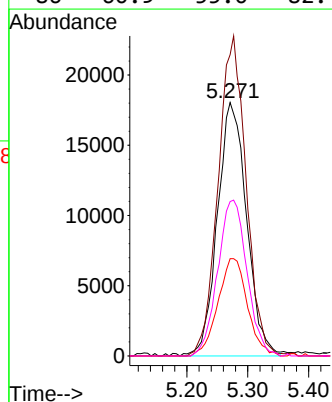
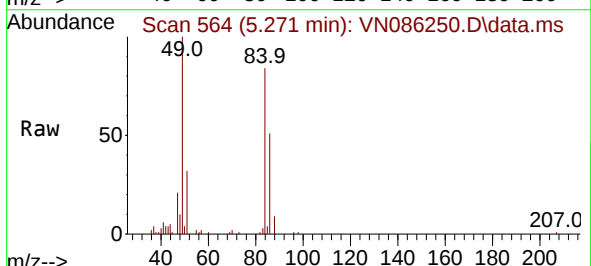
Manual Integrations
APPROVED

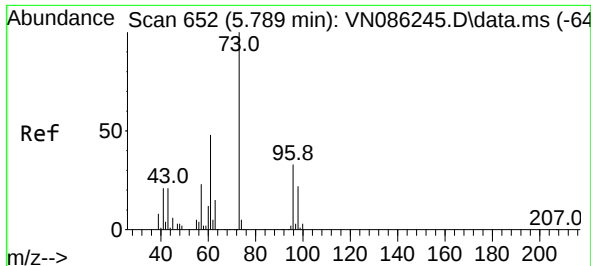
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#18
Methylene Chloride
Concen: 19.908 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

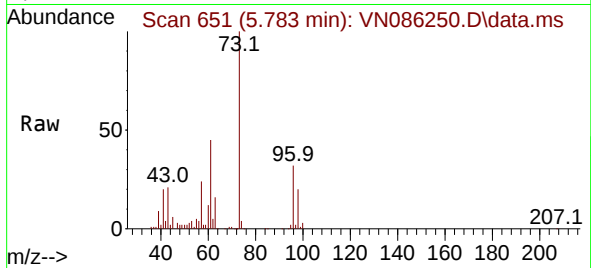
Tgt Ion: 84 Resp: 60034
Ion Ratio Lower Upper
84 100
49 118.9 99.1 148.7
51 38.4 32.3 48.5
86 60.9 55.0 82.4





#19
trans-1,2-Dichloroethene
Concen: 18.794 ug/l
RT: 5.783 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

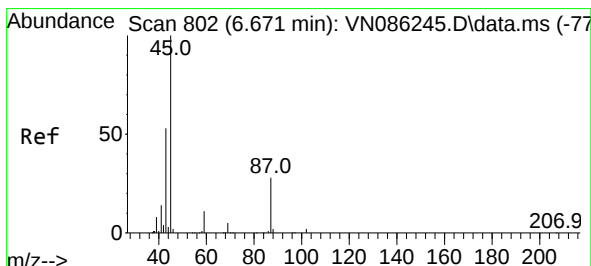
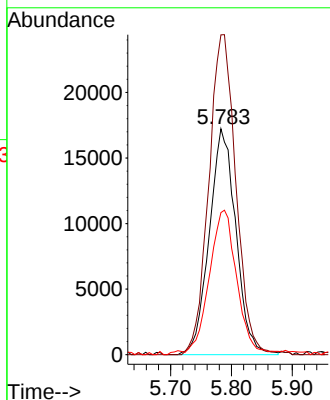
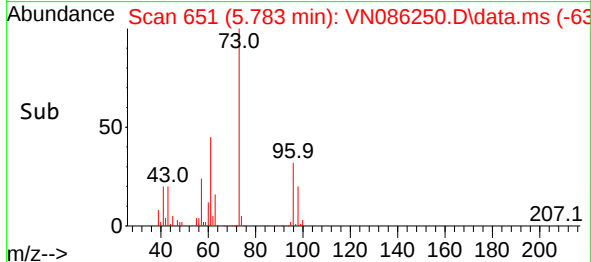
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 96 Resp: 52359
Ion Ratio Lower Upper
96 100
61 141.6 115.9 173.9
98 61.4 52.1 78.1

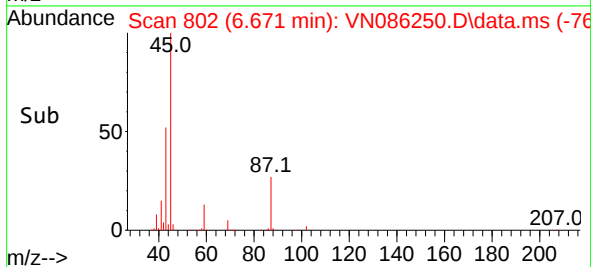
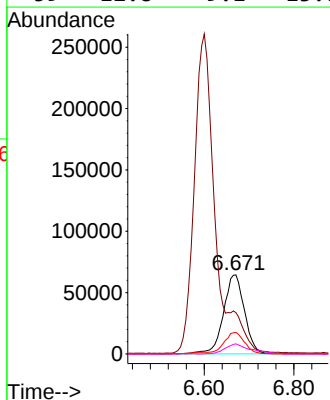
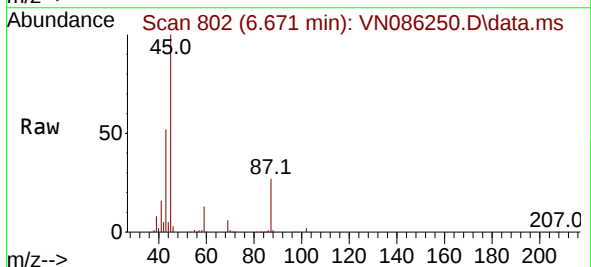
Manual Integrations
APPROVED

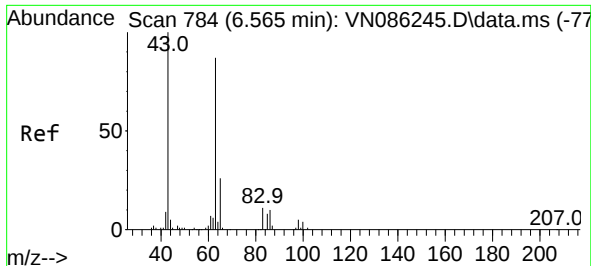
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#20
Diisopropyl ether
Concen: 21.072 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

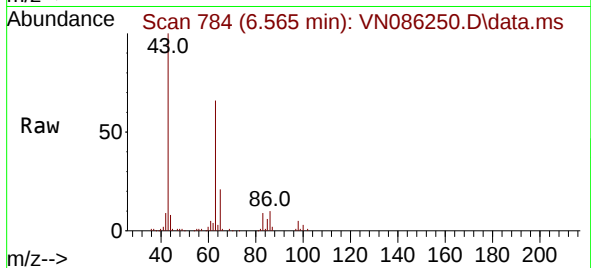
Tgt Ion: 45 Resp: 208832
Ion Ratio Lower Upper
45 100
43 50.1 42.3 63.5
87 27.4 22.2 33.4
59 12.8 9.1 13.7





#21
1,1-Dichloroethane
Concen: 20.053 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

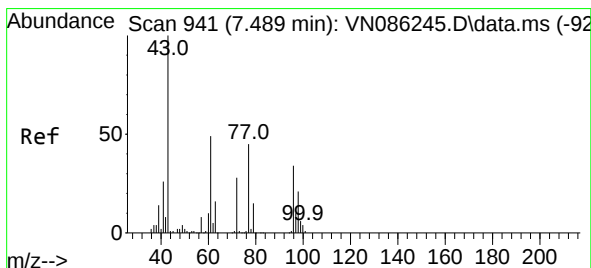
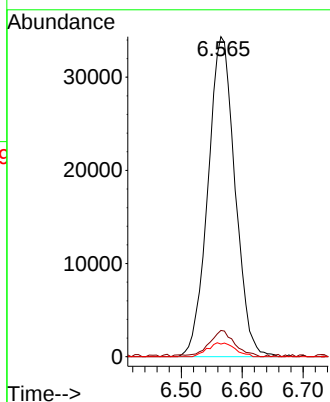
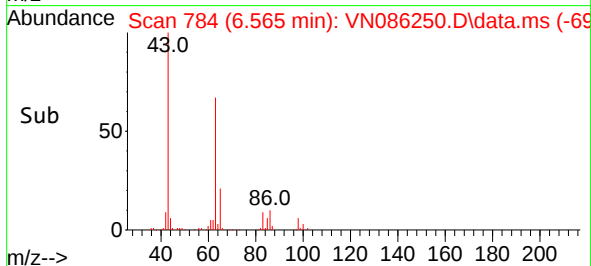
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 63 Resp: 10603
Ion Ratio Lower Upper
63 100
98 7.7 3.1 9.3
100 4.0 2.3 6.9

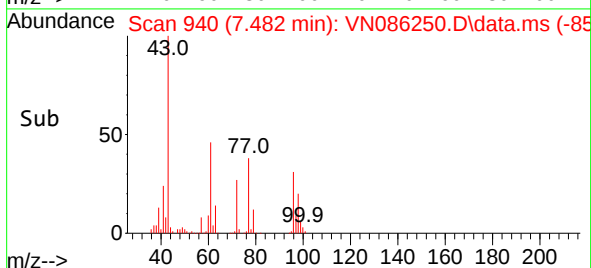
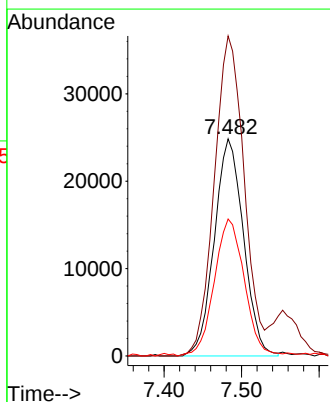
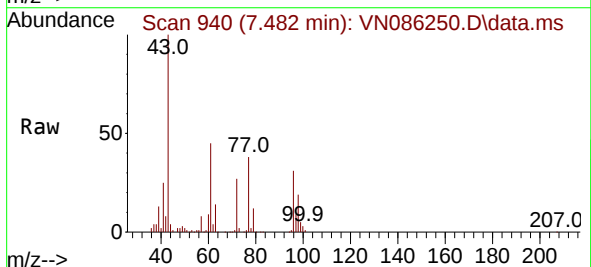
Manual Integrations
APPROVED

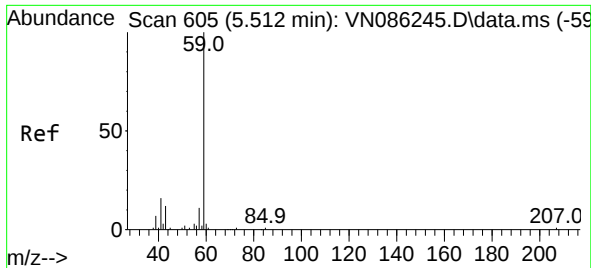
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#22
cis-1,2-Dichloroethene
Concen: 19.651 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

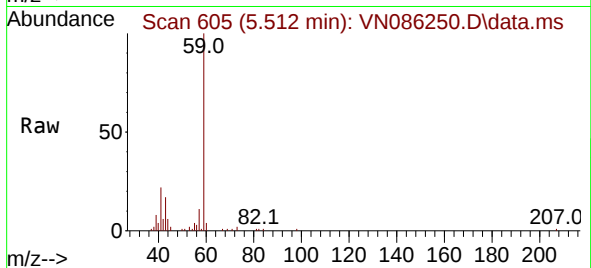
Tgt Ion: 96 Resp: 65216
Ion Ratio Lower Upper
96 100
61 150.4 119.5 179.3
98 64.8 51.0 76.6





#23
tert-Butyl Alcohol
Concen: 97.177 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

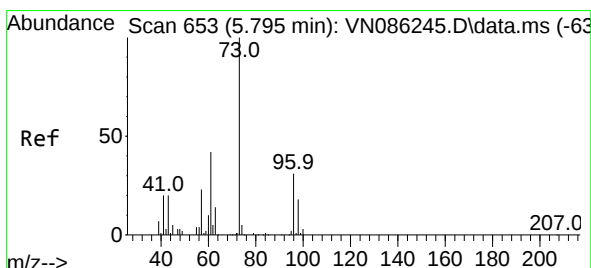
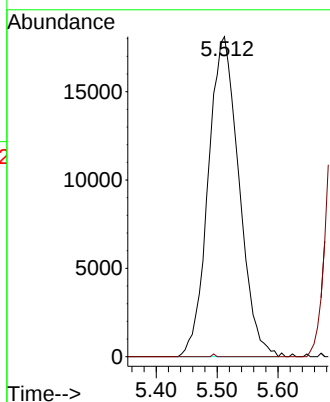
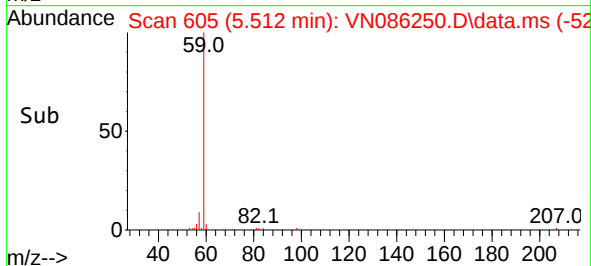
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



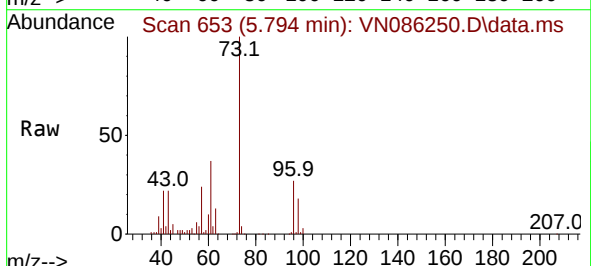
Tgt Ion: 59 Resp: 63490
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

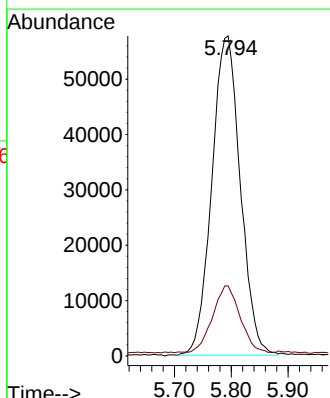
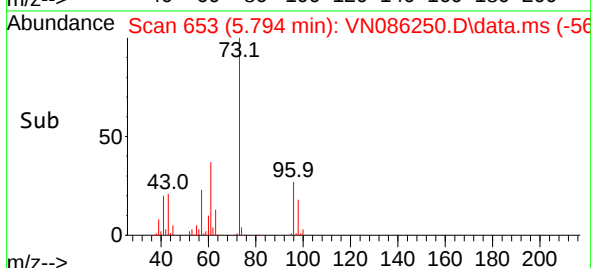
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

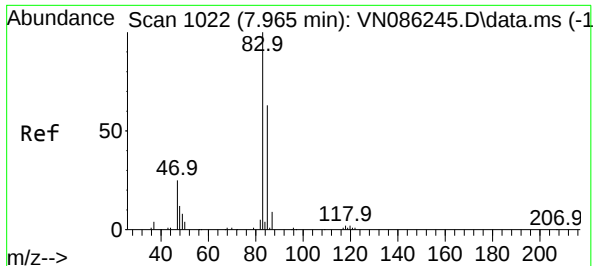


#24
Methyl tert-Butyl Ether
Concen: 21.074 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16



Tgt Ion: 73 Resp: 201155
Ion Ratio Lower Upper
73 100
43 20.2 16.8 25.2





#25

Chloroform

Concen: 19.885 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086250.D

Acq: 11 Apr 2025 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBSD01

Tgt Ion: 83 Resp: 10026

Ion Ratio Lower Upper

83 100

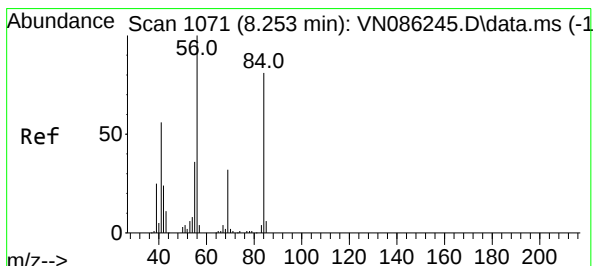
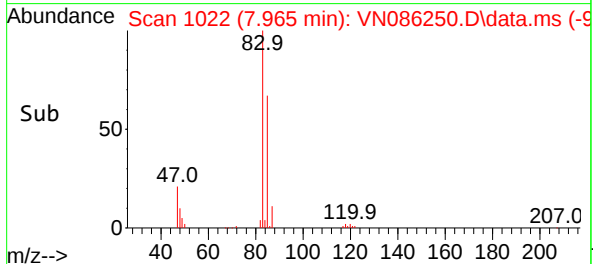
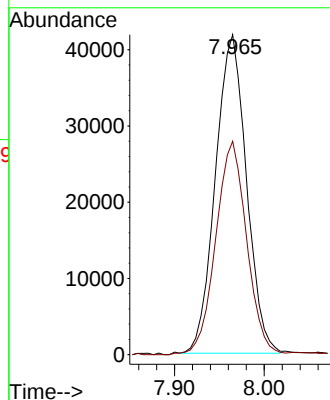
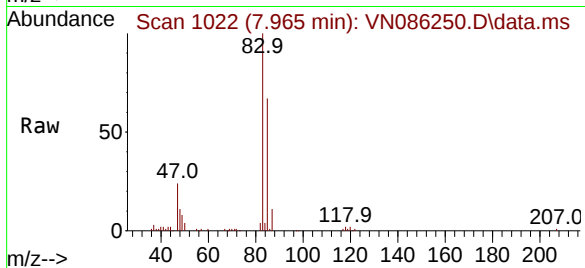
85 66.5 50.5 75.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#26

Cyclohexane

Concen: 19.310 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086250.D

Acq: 11 Apr 2025 15:16

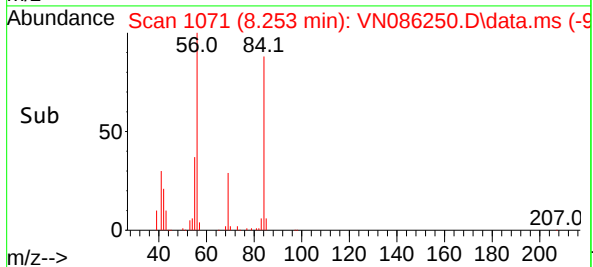
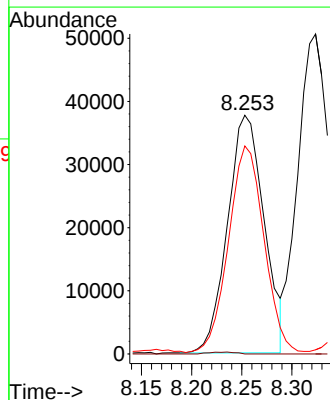
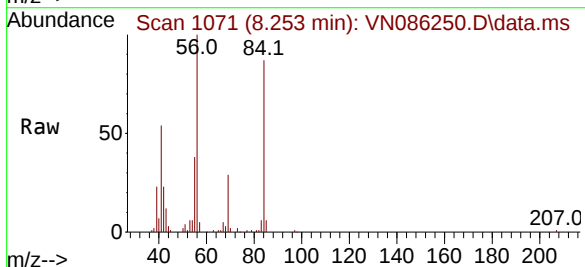
Tgt Ion: 56 Resp: 95525

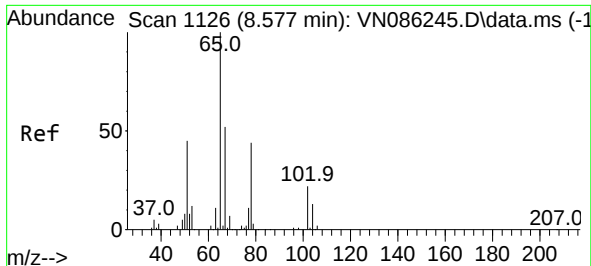
Ion Ratio Lower Upper

56 100

89 0.6 0.0 0.0#

84 85.9 69.0 103.4





#27

1,2-Dichloroethane-d4

Concen: 30.208 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086250.D

Acq: 11 Apr 2025 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBSD01

Tgt Ion: 65 Resp: 10234

Ion Ratio Lower Upper

65 100

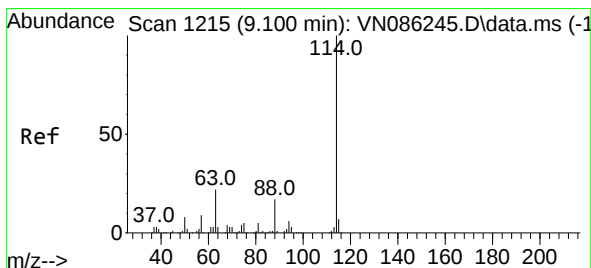
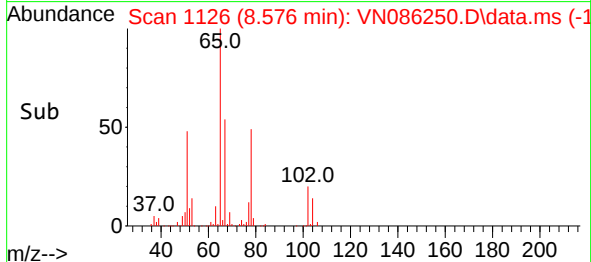
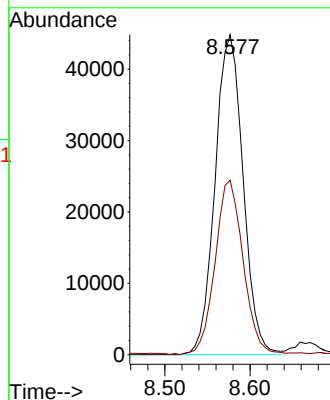
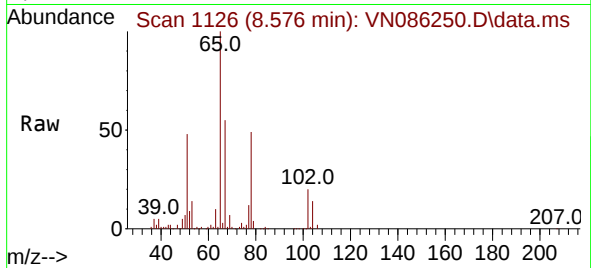
67 54.6 43.4 65.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086250.D

Acq: 11 Apr 2025 15:16

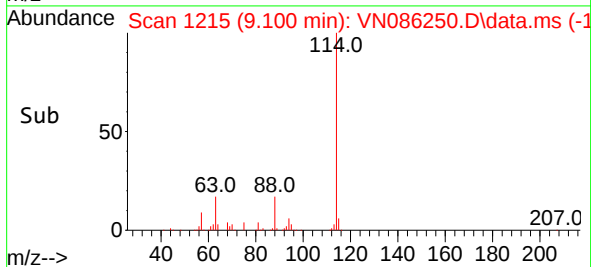
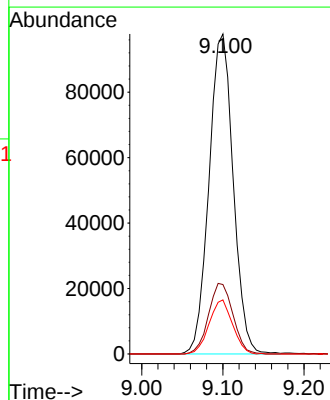
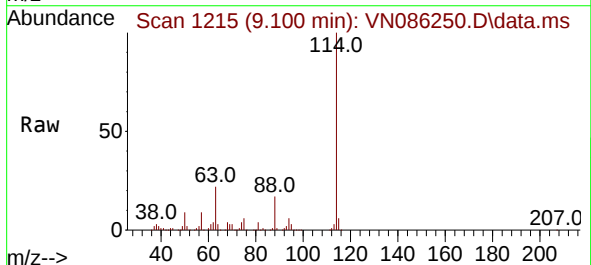
Tgt Ion:114 Resp: 202525

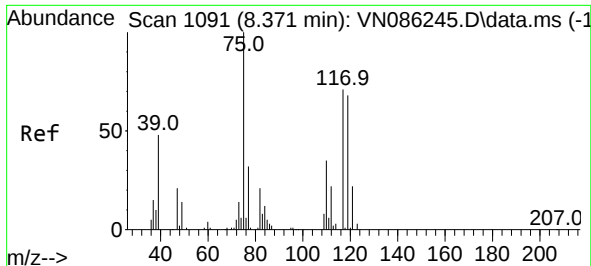
Ion Ratio Lower Upper

114 100

63 22.2 17.8 26.6

88 16.3 13.4 20.2





#29

1,1-Dichloropropene

Concen: 20.635 ug/l

RT: 8.365 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN086250.D

Acq: 11 Apr 2025 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBSD01

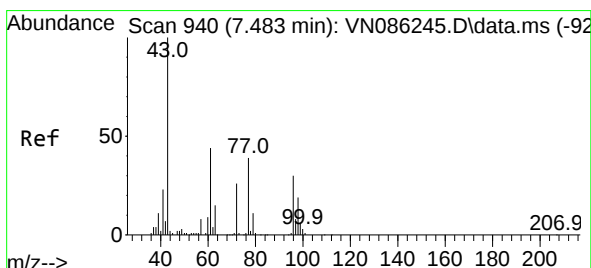
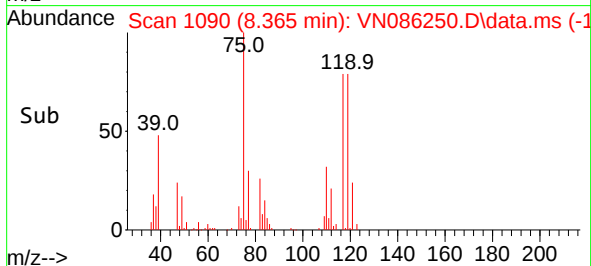
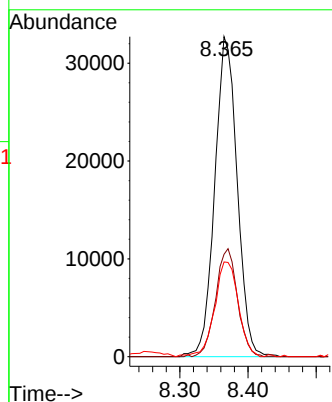
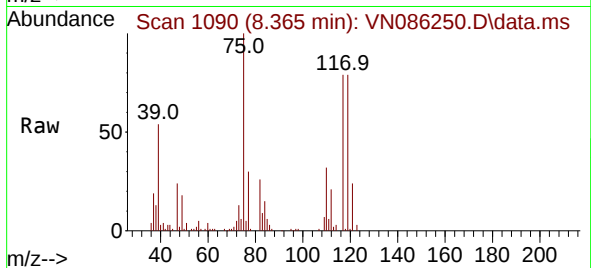
Tgt Ion: 75	Resp: 7486
Ion Ratio	Lower Upper
75 100	
110 32.9	0.0 68.6
77 31.3	0.0 63.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#30

2-Butanone

Concen: 106.676 ug/l

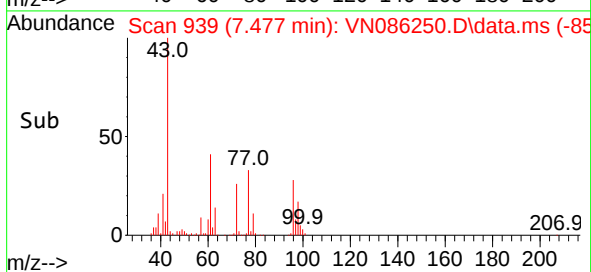
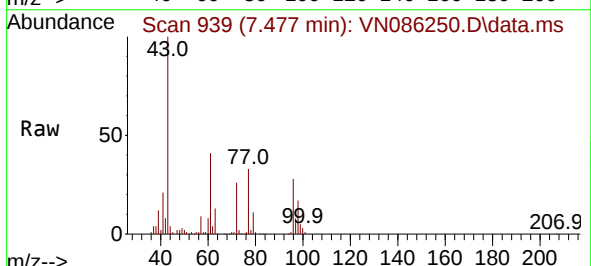
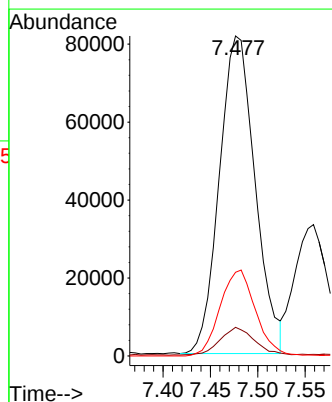
RT: 7.477 min Scan# 939

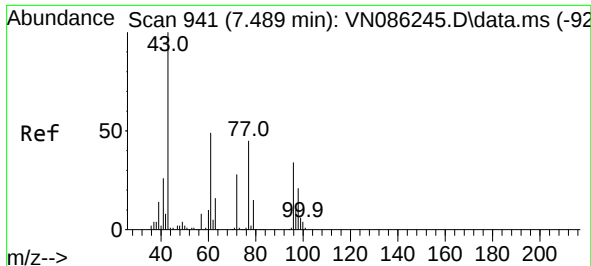
Delta R.T. -0.006 min

Lab File: VN086250.D

Acq: 11 Apr 2025 15:16

Tgt Ion: 43	Resp: 214454
Ion Ratio	Lower Upper
43 100	
57 8.4	6.4 9.6
72 26.8	21.5 32.3





#31

2,2-Dichloropropane

Concen: 20.604 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN086250.D

Acq: 11 Apr 2025 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBSD01

Tgt Ion: 77 Resp: 92014

Ion Ratio Lower Upper

77 100

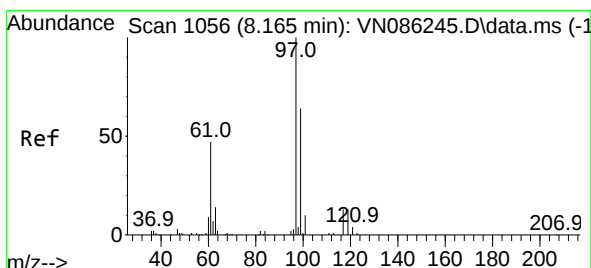
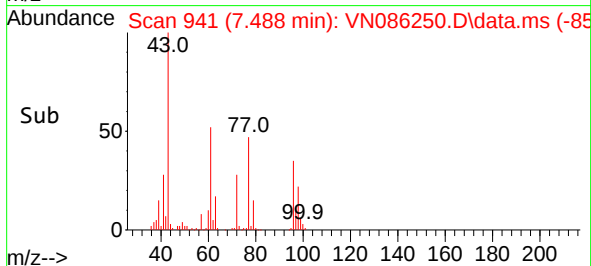
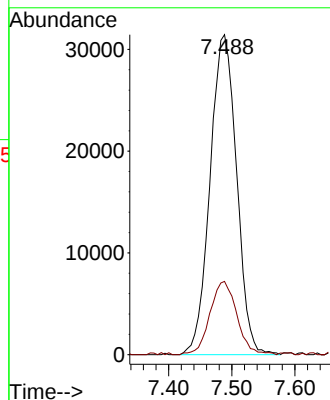
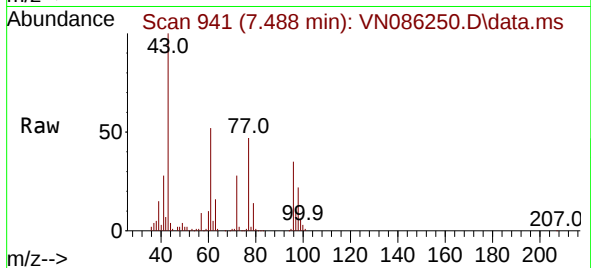
97 23.0 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#32

1,1,1-Trichloroethane

Concen: 20.333 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086250.D

Acq: 11 Apr 2025 15:16

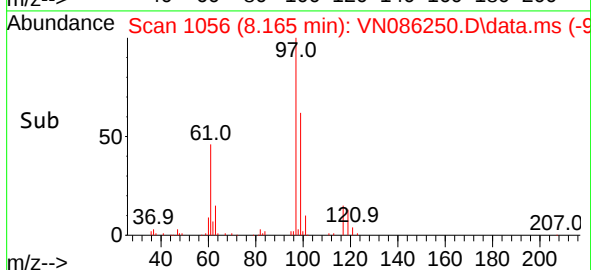
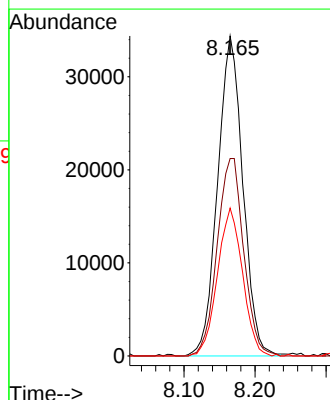
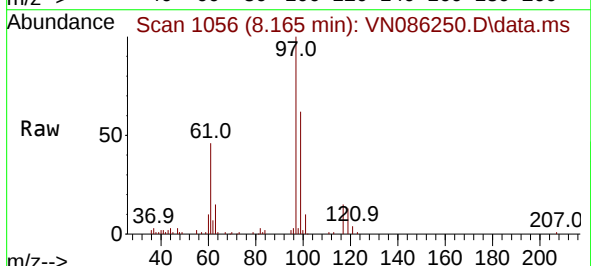
Tgt Ion: 97 Resp: 84856

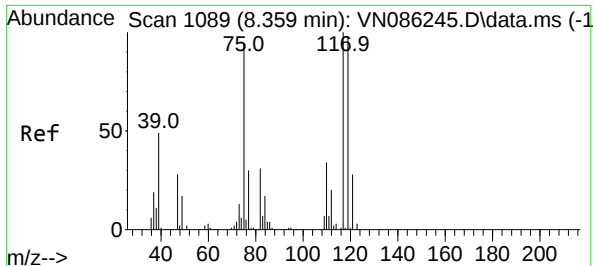
Ion Ratio Lower Upper

97 100

99 64.8 51.4 77.2

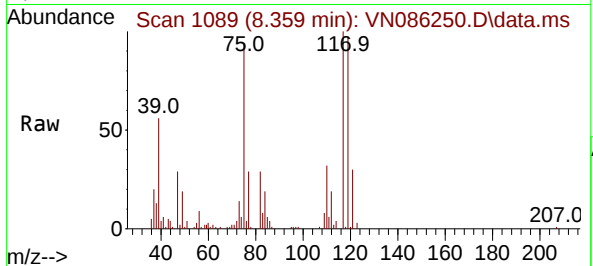
61 46.0 37.0 55.6





#33
Carbon Tetrachloride
Concen: 20.645 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

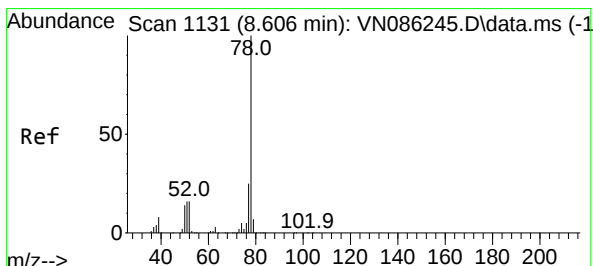
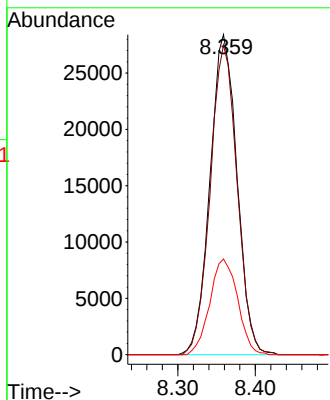
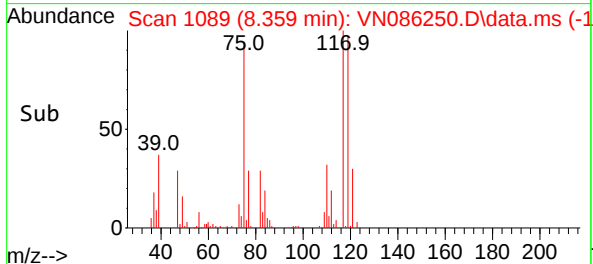
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion:117 Resp: 68854
Ion Ratio Lower Upper
117 100
119 96.8 78.3 117.5
121 29.9 22.5 33.7

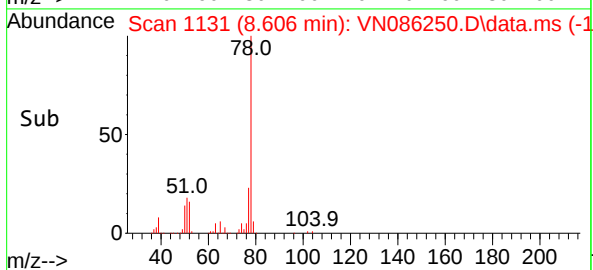
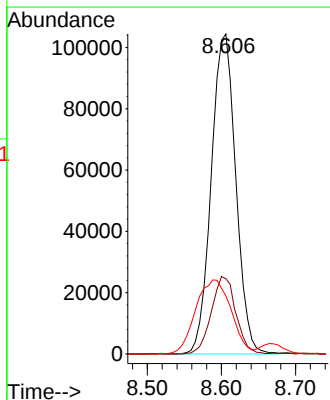
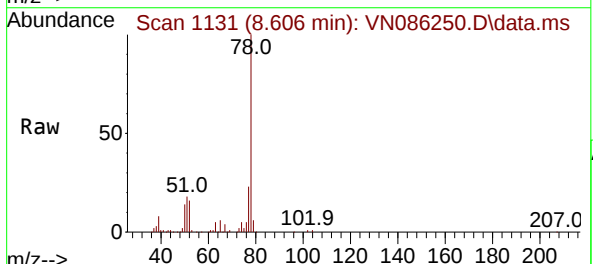
Manual Integrations
APPROVED

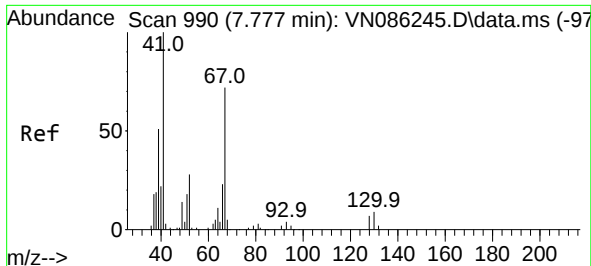
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#34
Benzene
Concen: 20.834 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

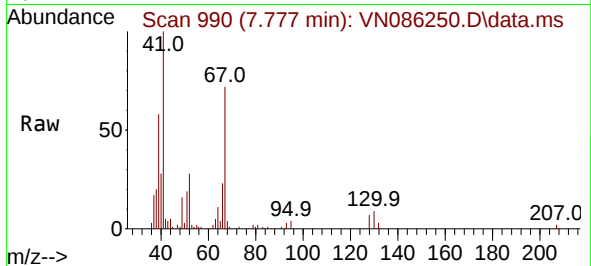
Tgt Ion: 78 Resp: 240477
Ion Ratio Lower Upper
78 100
77 23.5 20.0 30.0
51 16.9 12.9 19.3





#35
Methacrylonitrile
Concen: 21.230 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

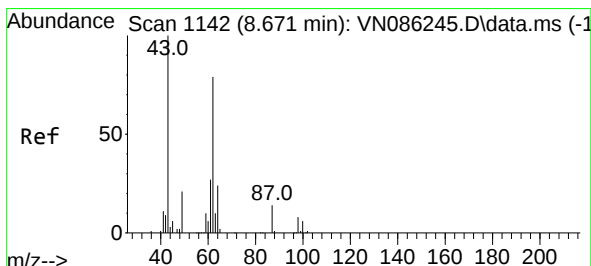
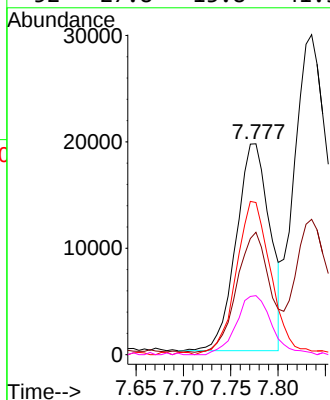
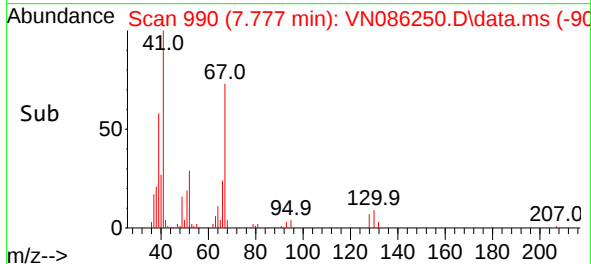
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion:	41	Resp:	4811
Ion Ratio	100	Lower	Upper
41	100		
39	57.6	25.8	77.3
67	72.6	36.0	108.0
52	27.8	13.8	41.3

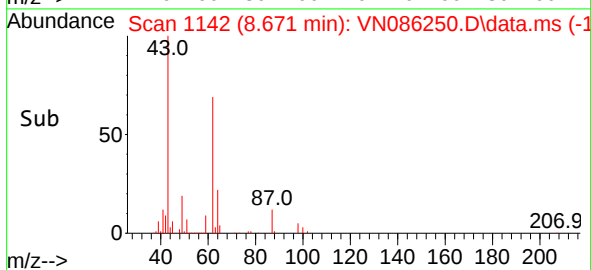
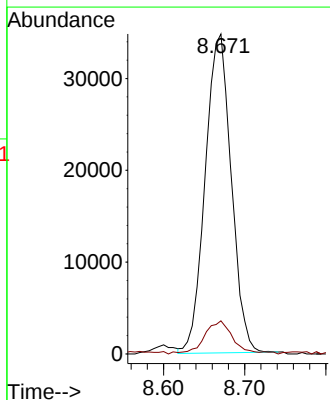
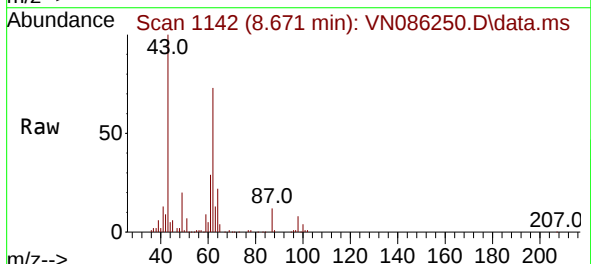
Manual Integrations
APPROVED

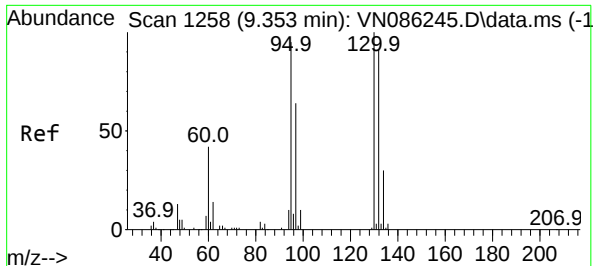
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#36
1,2-Dichloroethane
Concen: 21.439 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

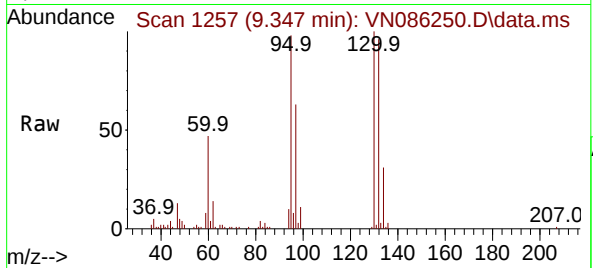
Tgt Ion:	62	Resp:	77436
Ion Ratio	100	Lower	Upper
62	100		
98	10.1	8.6	12.8





#37
Trichloroethene
Concen: 20.471 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

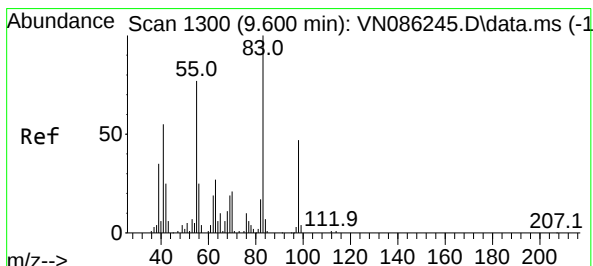
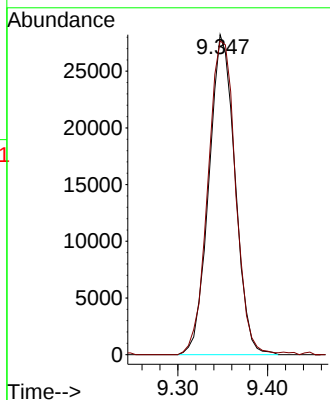
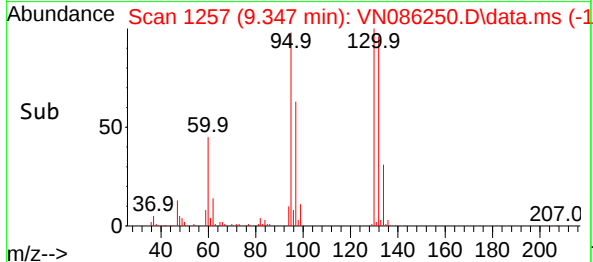
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



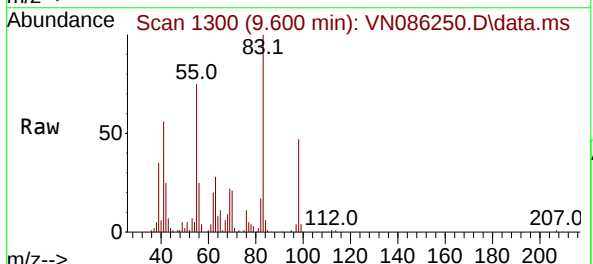
Tgt Ion:130 Resp: 57010
Ion Ratio Lower Upper
130 100
95 98.1 76.4 114.6

Manual Integrations
APPROVED

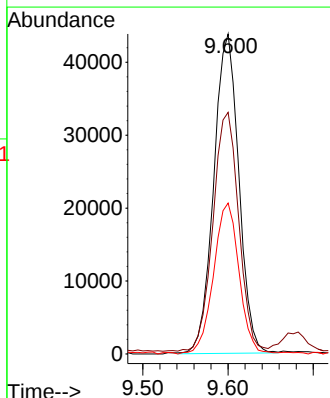
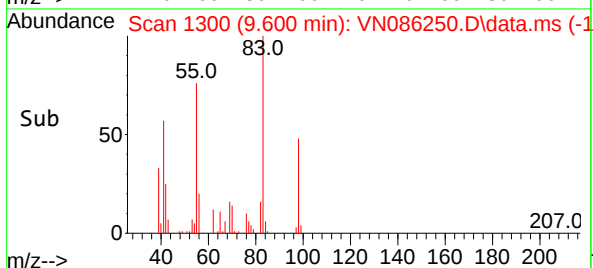
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

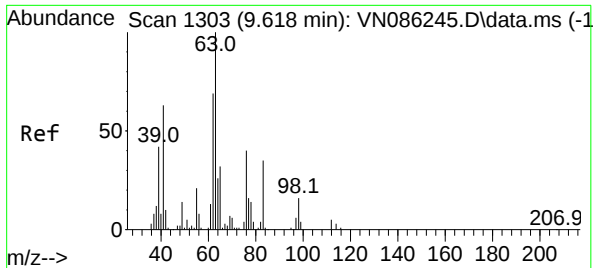


#38
Methylcyclohexane
Concen: 20.125 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16



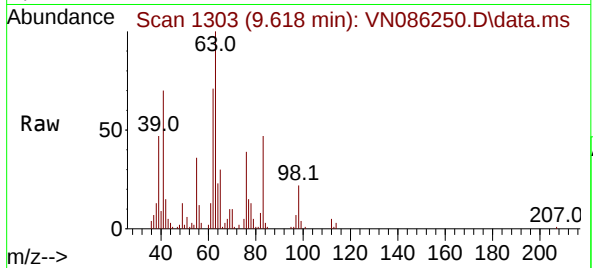
Tgt Ion: 83 Resp: 89548
Ion Ratio Lower Upper
83 100
55 76.5 38.5 115.5
98 48.1 24.4 73.2





#39
1,2-Dichloropropane
Concen: 21.392 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

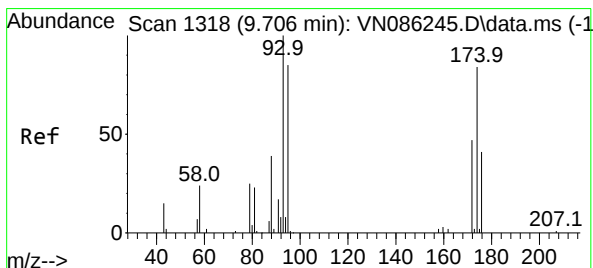
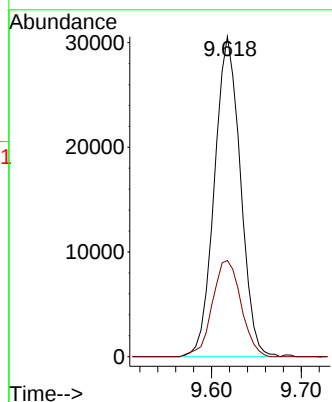
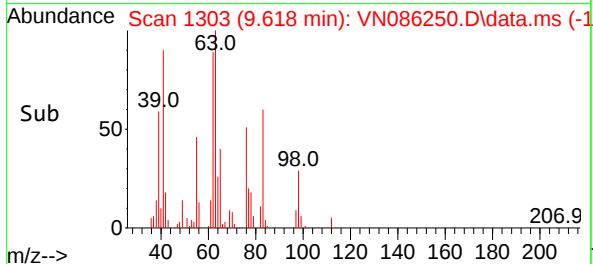
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 63 Resp: 61439
Ion Ratio Lower Upper
63 100
65 30.1 26.0 39.0

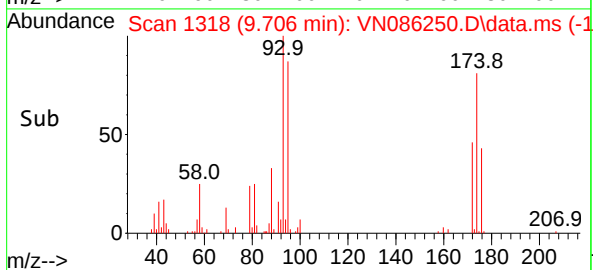
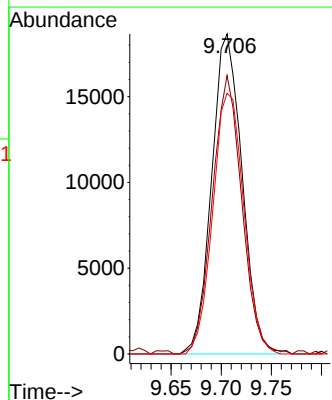
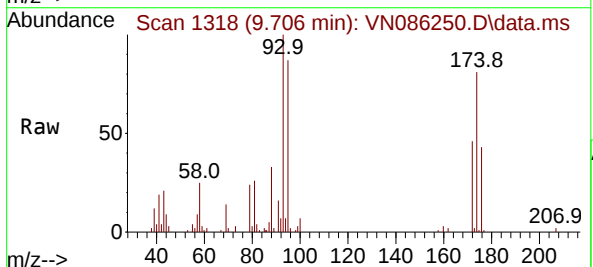
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#40
Dibromomethane
Concen: 21.185 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

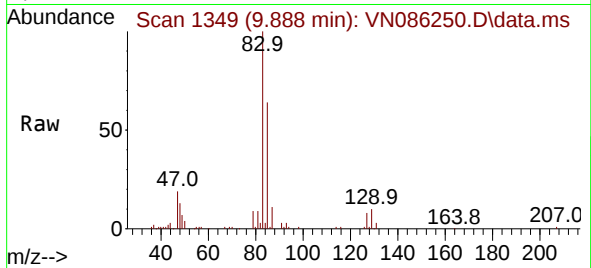
Tgt Ion: 93 Resp: 39298
Ion Ratio Lower Upper
93 100
95 84.7 0.0 169.0
174 83.2 0.0 168.0





#41
Bromodichloromethane
Concen: 21.197 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

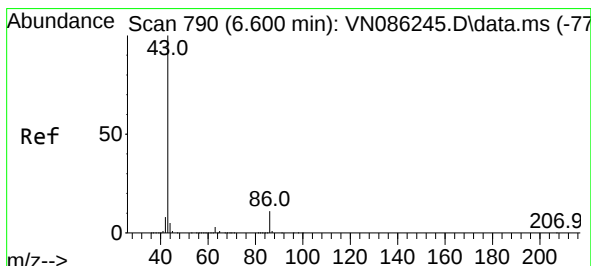
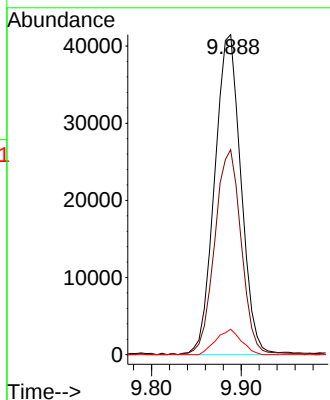
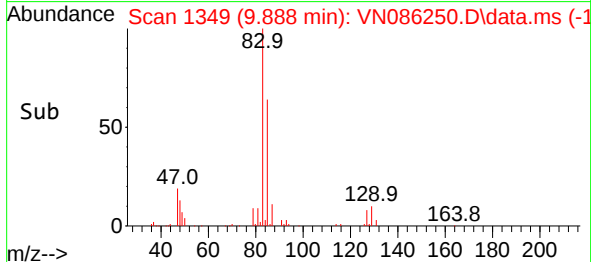
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 83 Resp: 8446
Ion Ratio Lower Upper
83 100
85 64.0 50.2 75.2
127 8.0 6.2 9.4

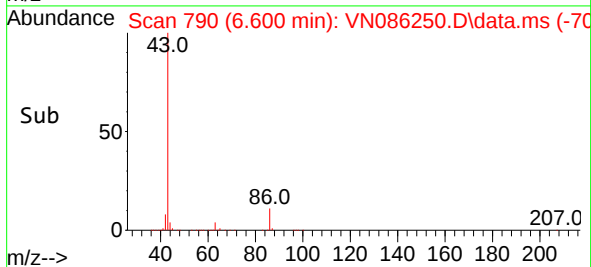
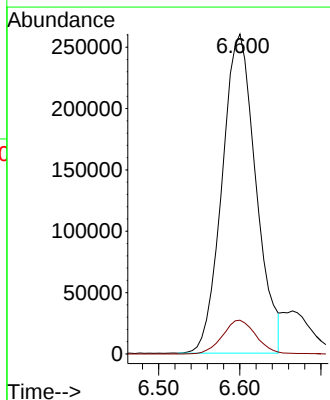
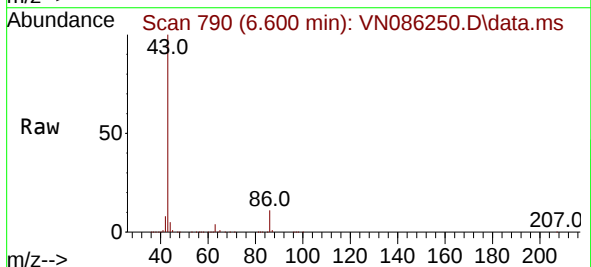
Manual Integrations
APPROVED

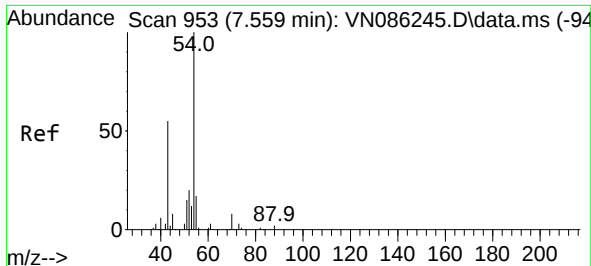
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#42
Vinyl Acetate
Concen: 110.147 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

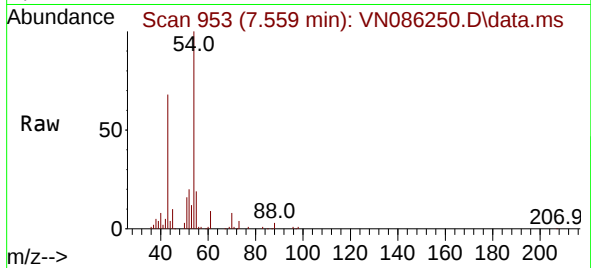
Tgt Ion: 43 Resp: 753748
Ion Ratio Lower Upper
43 100
86 10.6 8.4 12.6





#43
Ethyl Acetate
Concen: 20.939 ug/l
RT: 7.559 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

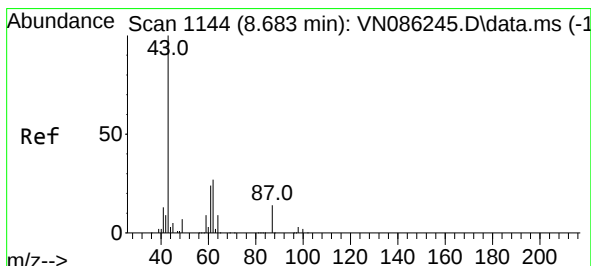
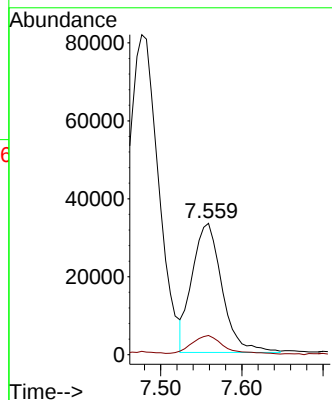
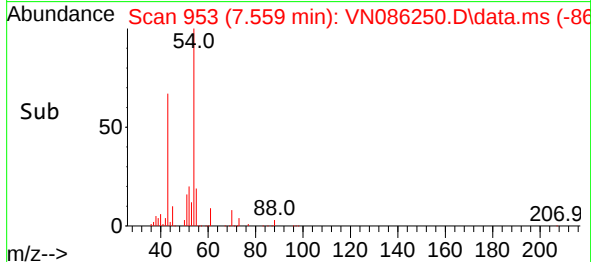
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 43 Resp: 8490
Ion Ratio Lower Upper
43 100
45 15.9 11.2 16.8

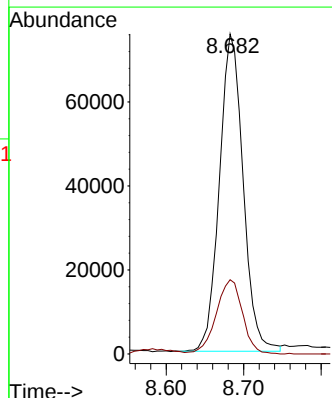
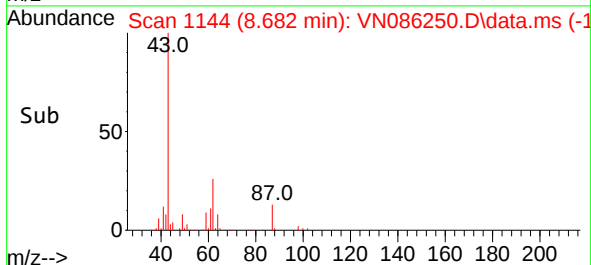
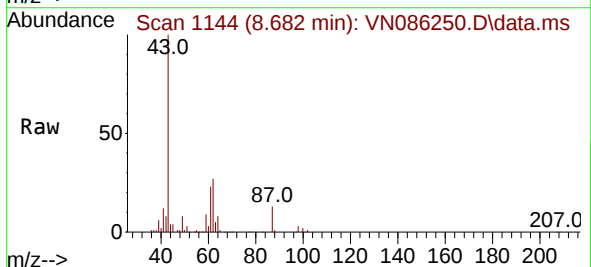
Manual Integrations
APPROVED

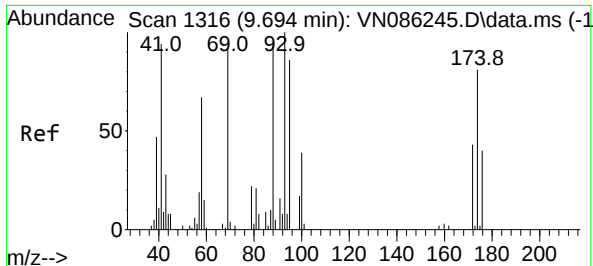
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#44
Isopropyl Acetate
Concen: 21.391 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

Tgt Ion: 43 Resp: 160910
Ion Ratio Lower Upper
43 100
61 25.9 20.5 30.7





#45

1,4-Dioxane

Concen: 391.526 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN086250.D

Acq: 11 Apr 2025 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBSD01

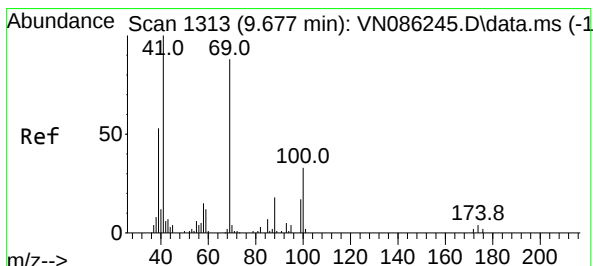
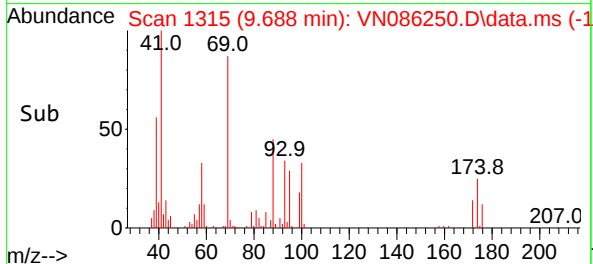
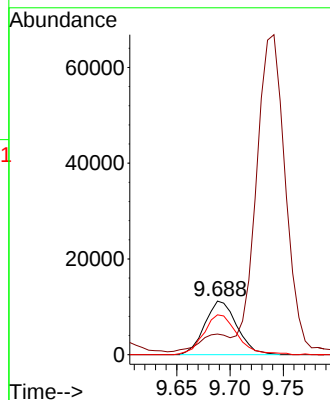
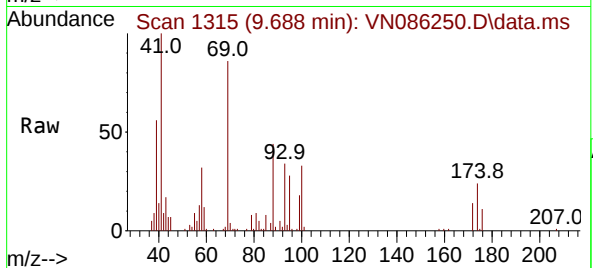
Tgt Ion:	88	Resp:	23420
Ion	Ratio	Lower	Upper
88	100		
43	30.8	14.4	21.6
58	78.0	59.8	89.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#46

Methyl methacrylate

Concen: 21.088 ug/l

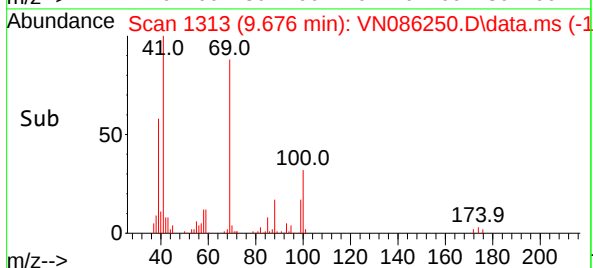
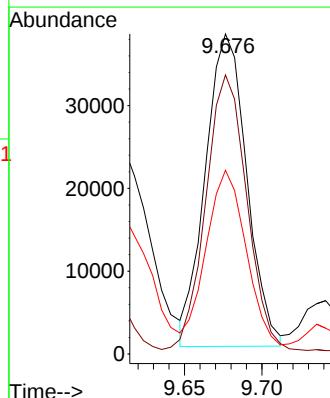
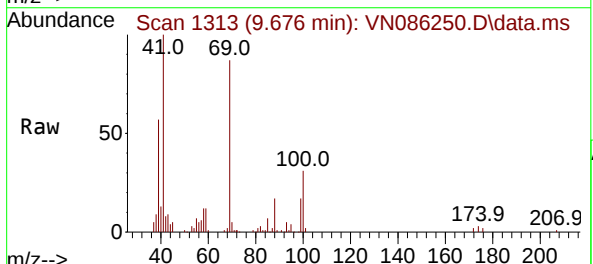
RT: 9.676 min Scan# 1313

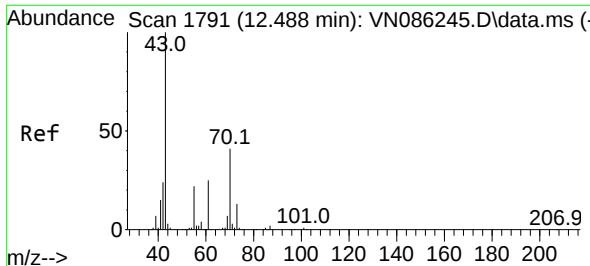
Delta R.T. -0.000 min

Lab File: VN086250.D

Acq: 11 Apr 2025 15:16

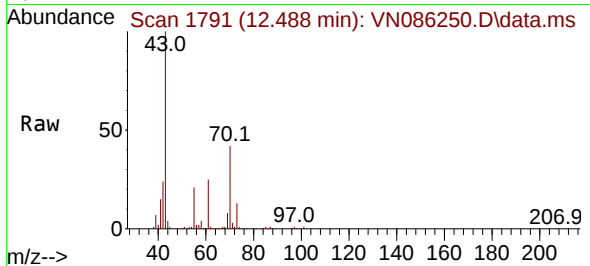
Tgt Ion:	41	Resp:	69895
Ion	Ratio	Lower	Upper
41	100		
69	89.0	43.2	129.6
39	57.9	26.4	79.0





#47
n-amy1 Acetate
Concen: 21.222 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

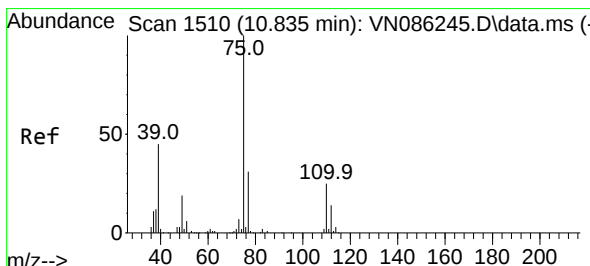
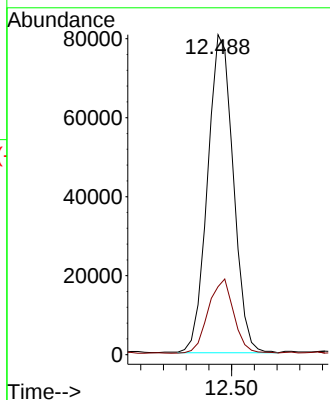
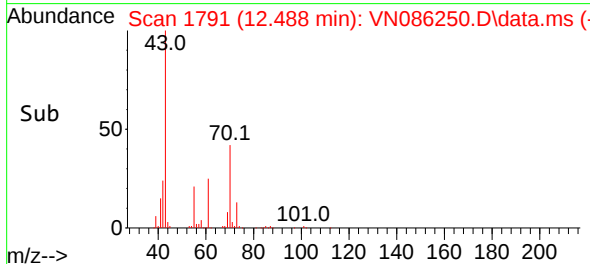
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 43 Resp: 126579
Ion Ratio Lower Upper
43 100
55 23.1 19.0 28.4

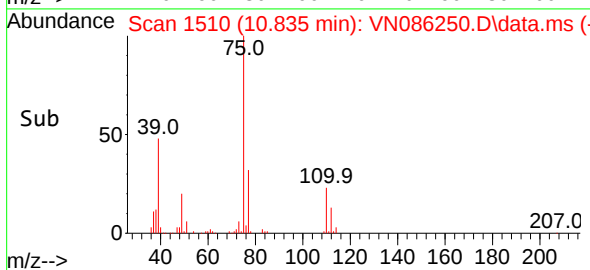
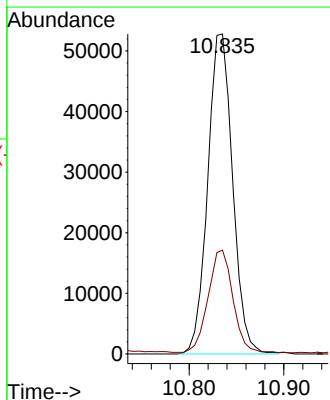
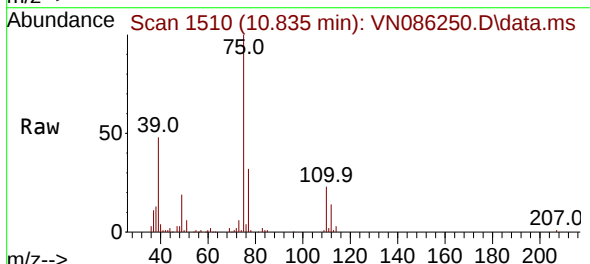
Manual Integrations
APPROVED

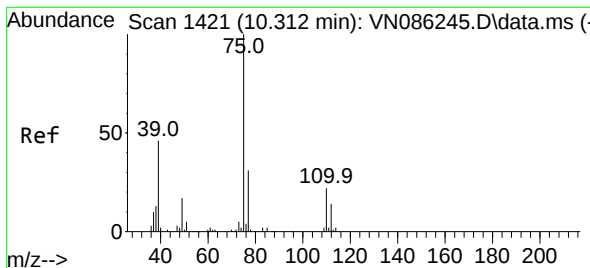
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#48
t-1,3-Dichloropropene
Concen: 21.411 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

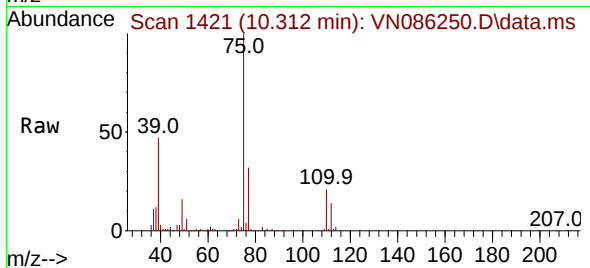
Tgt Ion: 75 Resp: 96458
Ion Ratio Lower Upper
75 100
77 32.0 25.1 37.7





#49
cis-1,3-Dichloropropene
Concen: 21.406 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

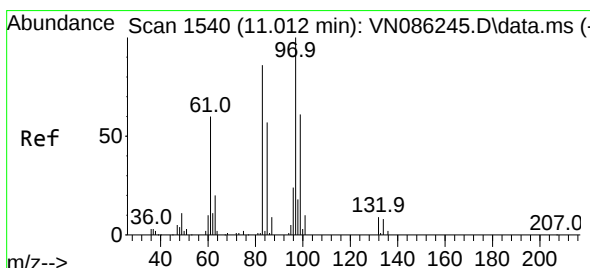
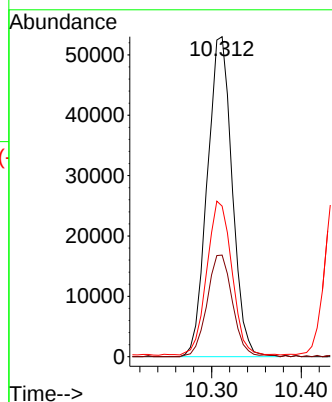
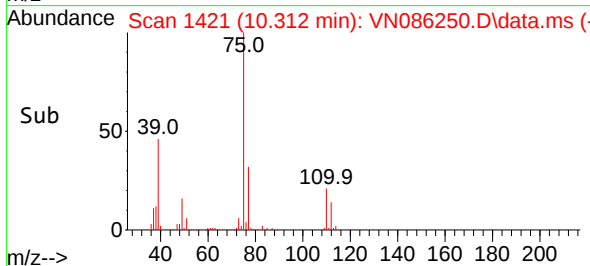
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 75 Resp: 102060
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4
39 46.5 36.7 55.1

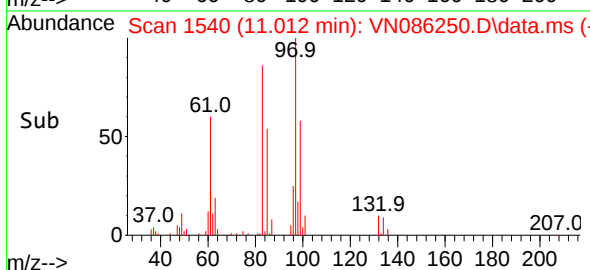
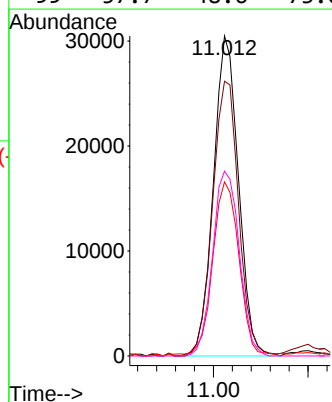
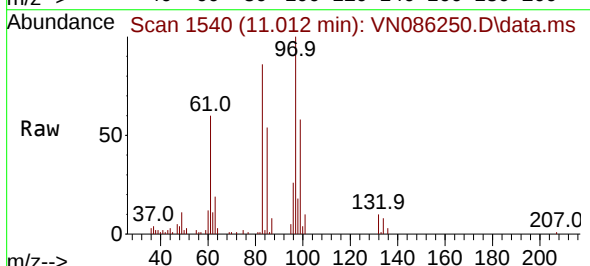
Manual Integrations
APPROVED

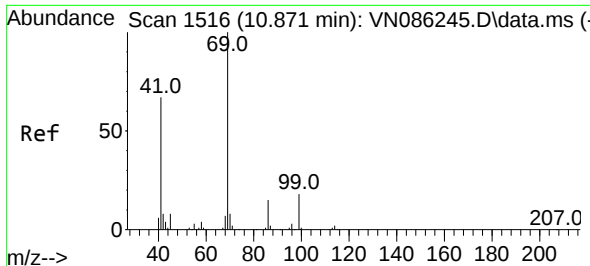
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#50
1,1,2-Trichloroethane
Concen: 21.561 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

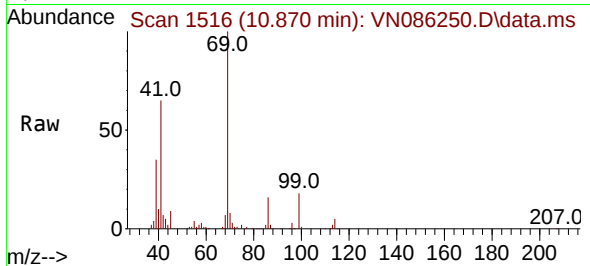
Tgt Ion: 97 Resp: 56096
Ion Ratio Lower Upper
97 100
83 85.9 68.6 103.0
85 53.8 45.9 68.9
99 57.7 48.6 73.0





#51
Ethyl methacrylate
Concen: 21.747 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

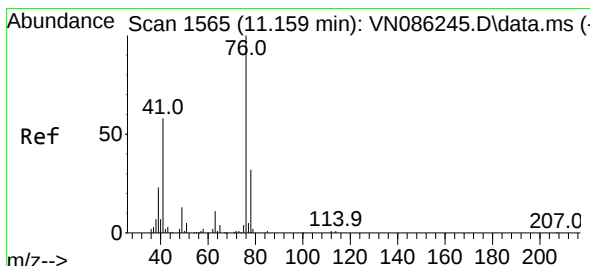
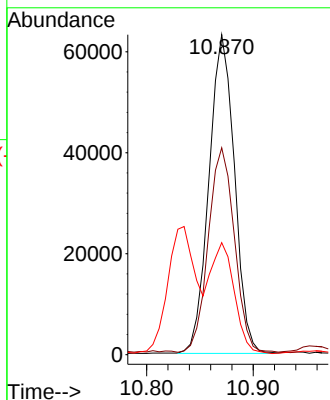
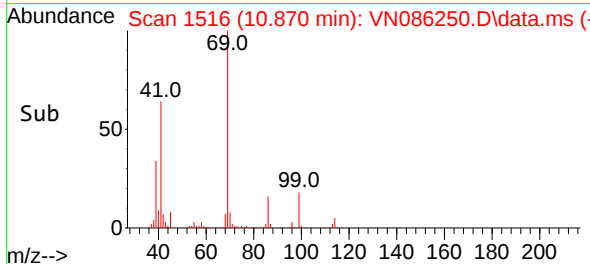
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 69 Resp: 105140
Ion Ratio Lower Upper
69 100
41 64.2 33.6 100.6
39 34.7 17.8 53.4

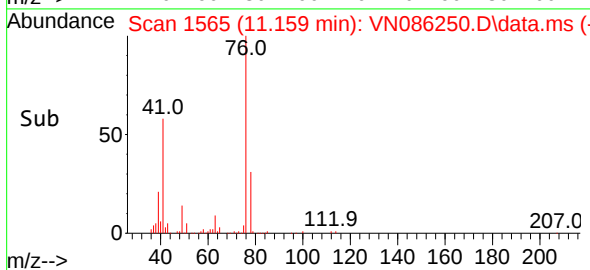
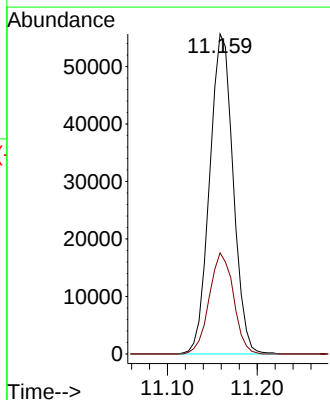
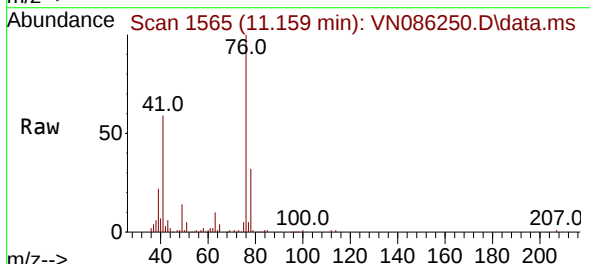
Manual Integrations
APPROVED

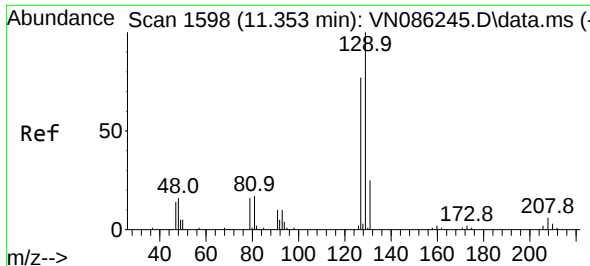
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#52
1,3-Dichloropropane
Concen: 21.850 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

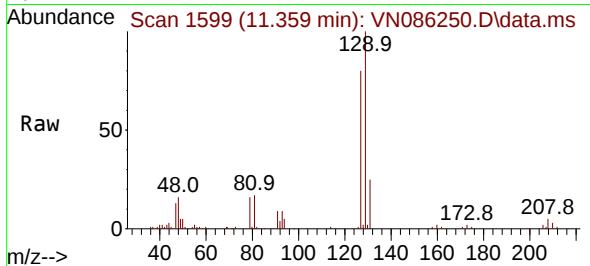
Tgt Ion: 76 Resp: 101323
Ion Ratio Lower Upper
76 100
78 32.5 0.0 64.6





#53
Dibromochloromethane
Concen: 21.706 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

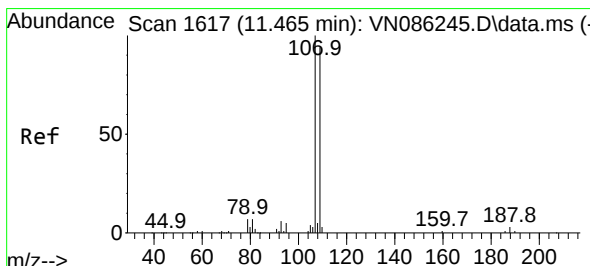
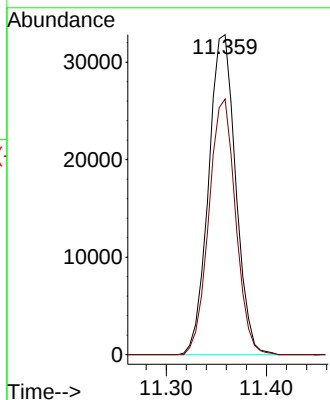
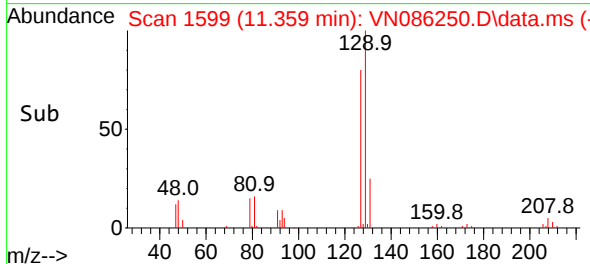
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



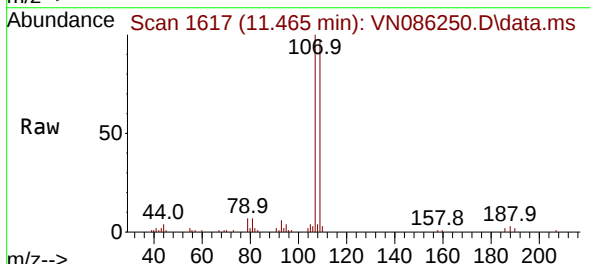
Tgt Ion:129 Resp: 6177
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5

Manual Integrations
APPROVED

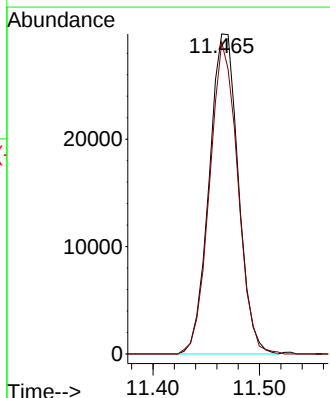
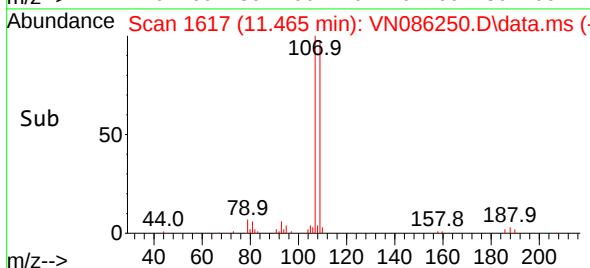
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

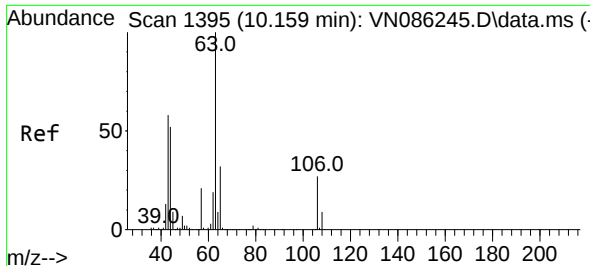


#54
1,2-Dibromoethane
Concen: 21.523 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16



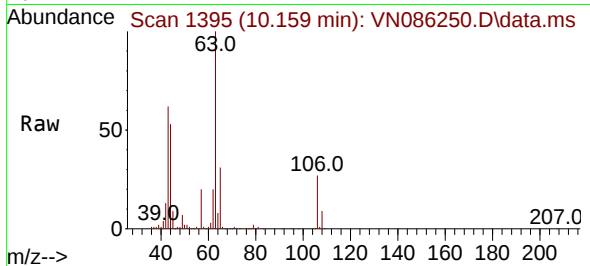
Tgt Ion:107 Resp: 56526
Ion Ratio Lower Upper
107 100
109 94.1 75.2 112.8





#55
2-Chloroethyl vinyl ether
Concen: 139.276 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

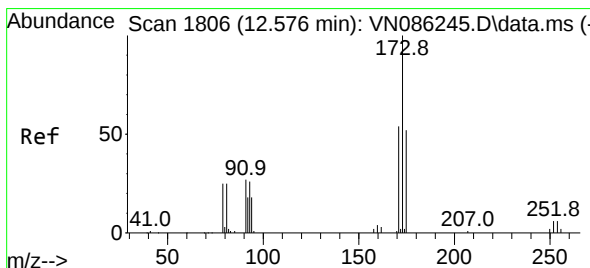
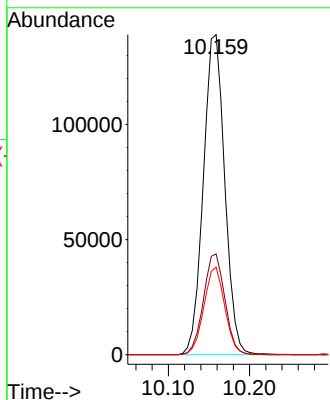
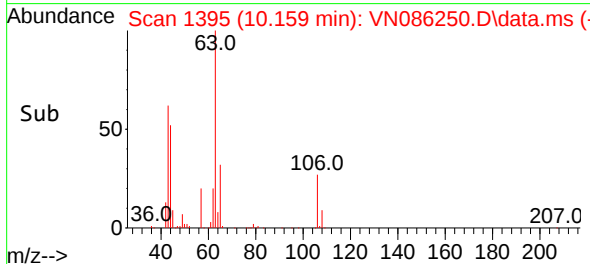
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 63 Resp: 254440
Ion Ratio Lower Upper
63 100
65 31.6 25.8 38.8
106 26.7 21.8 32.8

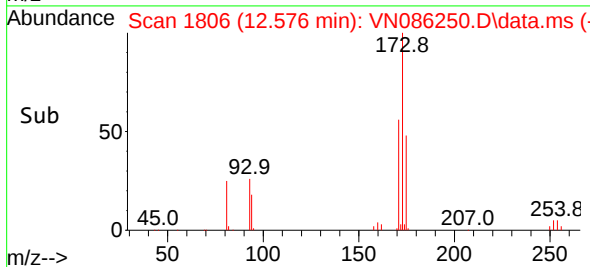
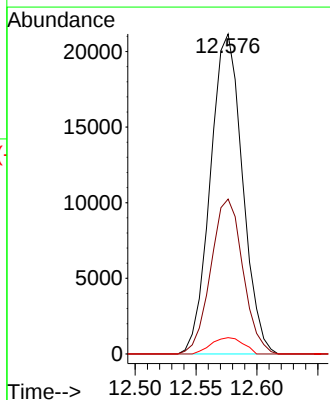
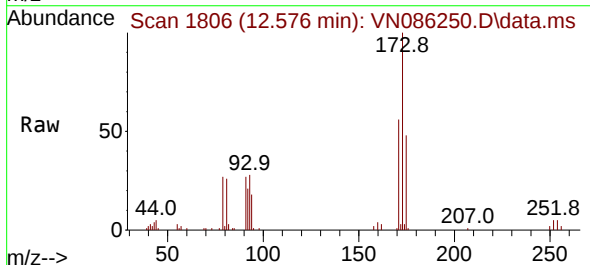
Manual Integrations
APPROVED

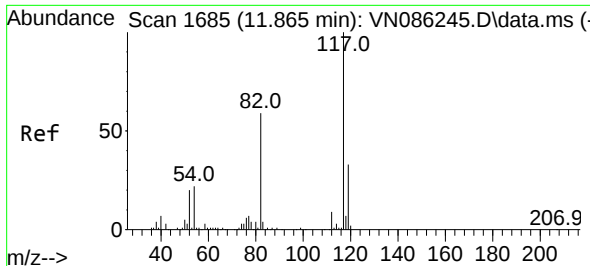
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#56
Bromoform
Concen: 20.842 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

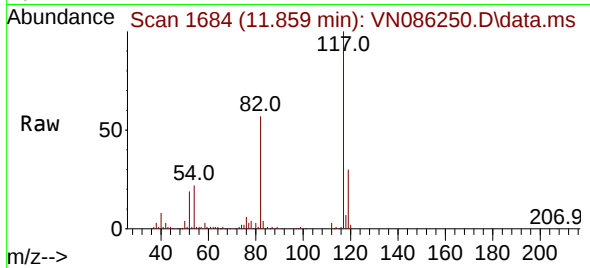
Tgt Ion:173 Resp: 38804
Ion Ratio Lower Upper
173 100
175 48.4 38.2 57.4
254 5.1 4.5 6.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

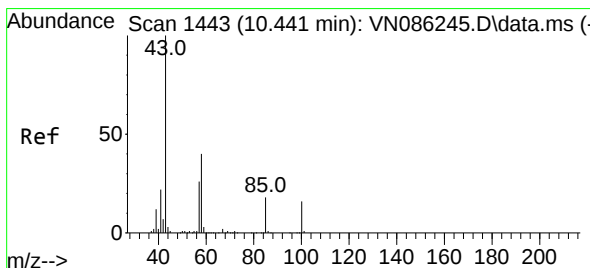
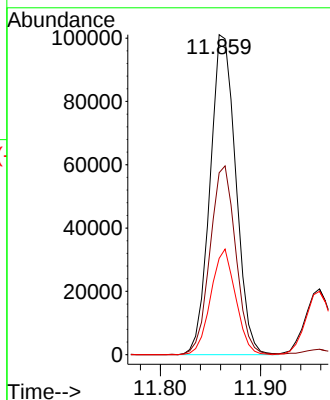
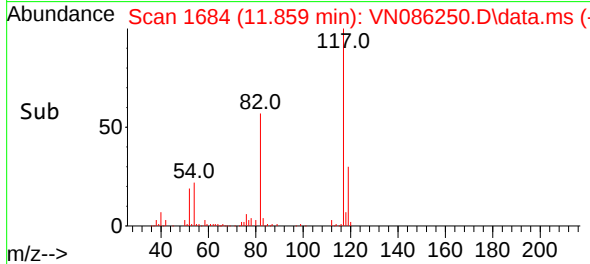
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 117 Resp: 18036
Ion Ratio Lower Upper
117 100
82 59.2 47.3 70.9
119 31.9 25.9 38.9

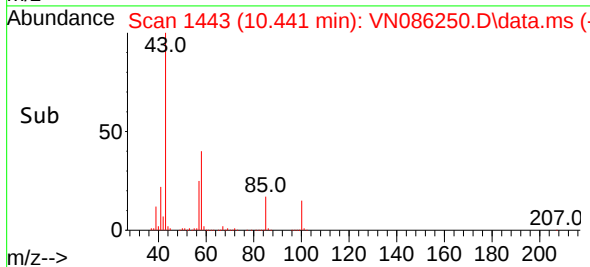
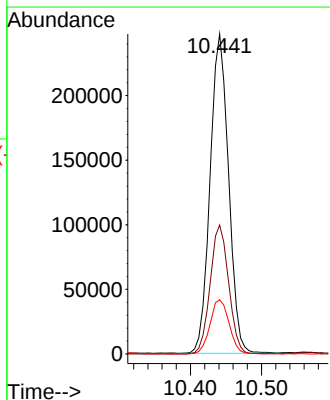
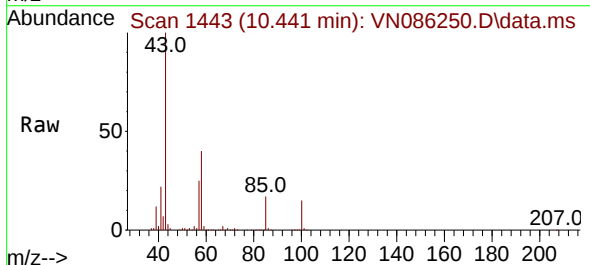
Manual Integrations
APPROVED

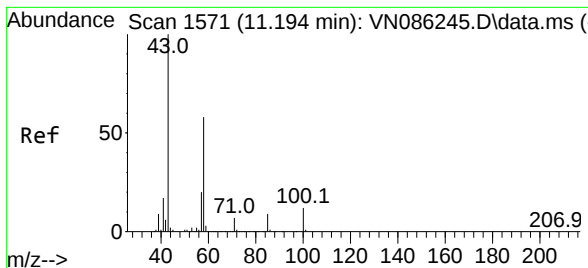
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#58
4-Methyl-2-Pentanone
Concen: 109.058 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

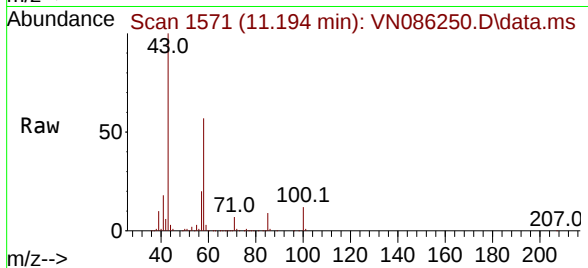
Tgt Ion: 43 Resp: 446372
Ion Ratio Lower Upper
43 100
58 40.3 32.5 48.7
85 17.6 14.4 21.6





#59
2-Hexanone
Concen: 105.569 ug/l
RT: 11.194 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

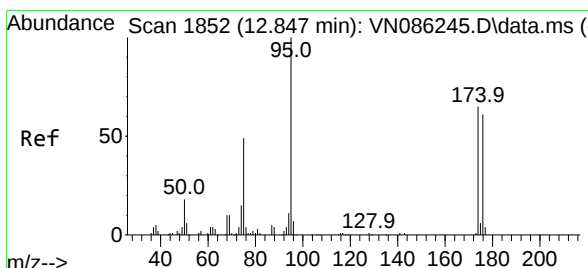
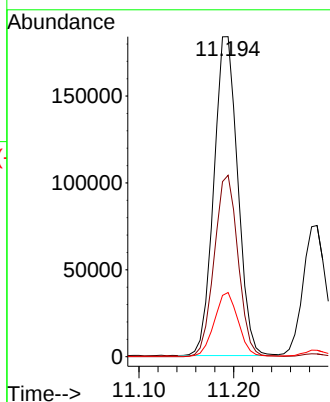
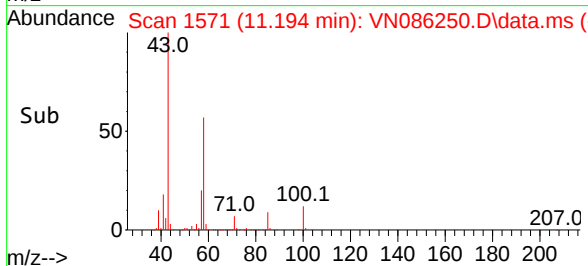
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



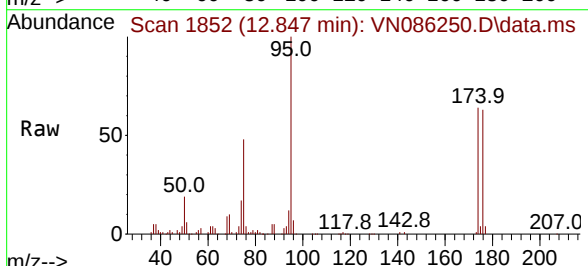
Tgt Ion: 43 Resp: 32174
Ion Ratio Lower Upper
43 100
58 56.7 45.3 67.9
57 19.7 15.8 23.6

Manual Integrations
APPROVED

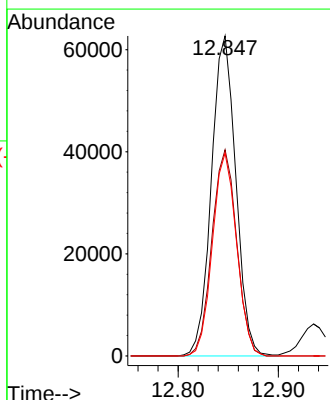
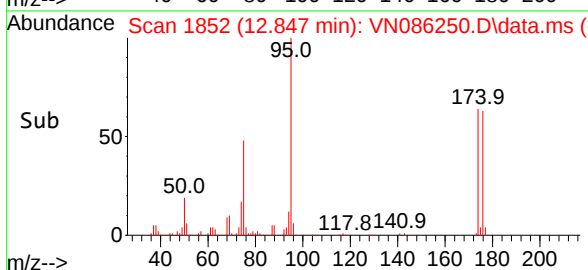
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

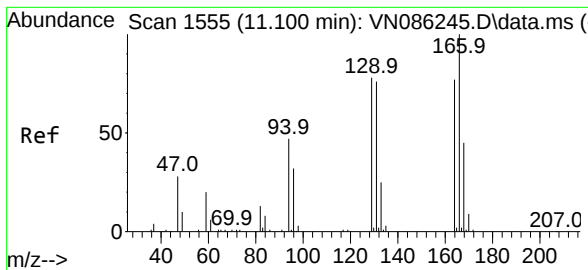


#60
4-Bromofluorobenzene
Concen: 29.590 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16



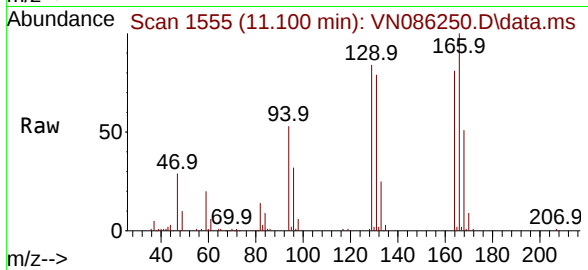
Tgt Ion: 95 Resp: 106256
Ion Ratio Lower Upper
95 100
174 65.0 52.7 79.1
176 62.5 49.8 74.8





#61
Tetrachloroethene
Concen: 20.264 ug/l
RT: 11.100 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

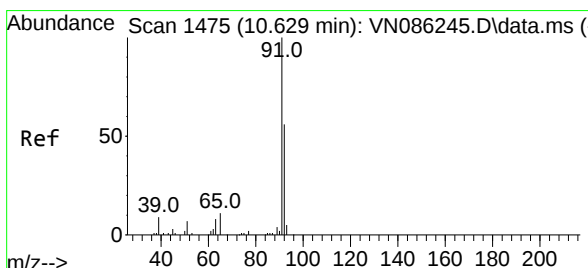
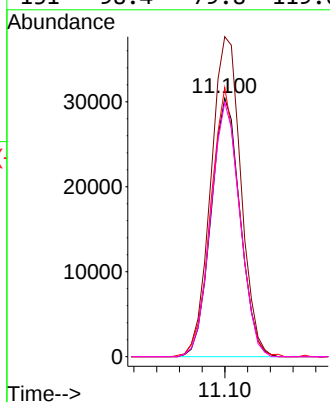
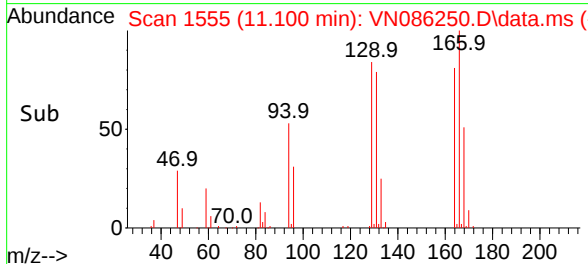
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion:164 Resp: 53974
Ion Ratio Lower Upper
164 100
166 123.9 104.5 156.7
129 103.6 81.7 122.5
131 98.4 79.8 119.6

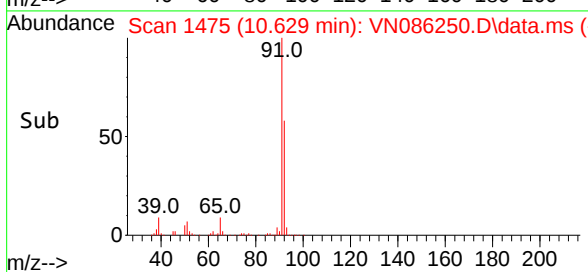
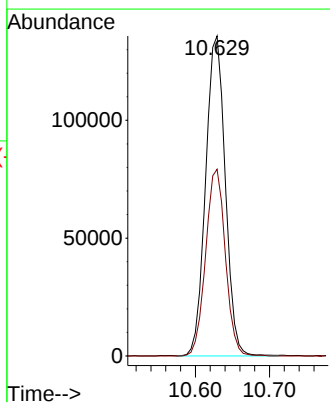
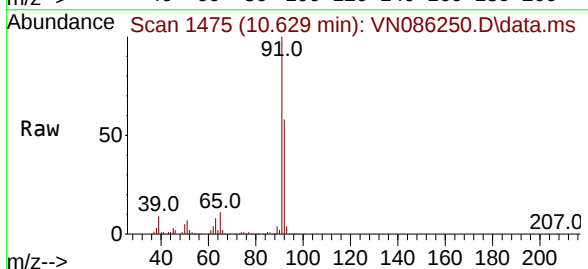
Manual Integrations
APPROVED

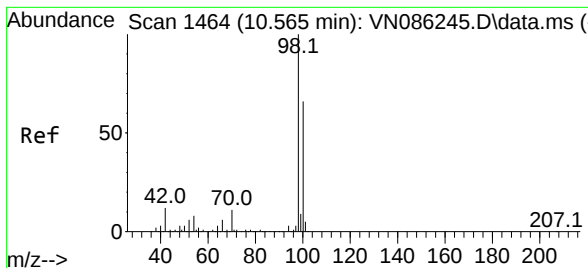
Reviewed By :John Carbone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#62
Toluene
Concen: 20.706 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

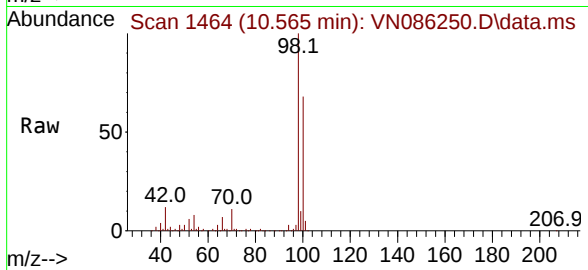
Tgt Ion: 91 Resp: 250492
Ion Ratio Lower Upper
91 100
92 58.4 46.8 70.2





#63
Toluene-d8
Concen: 29.803 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

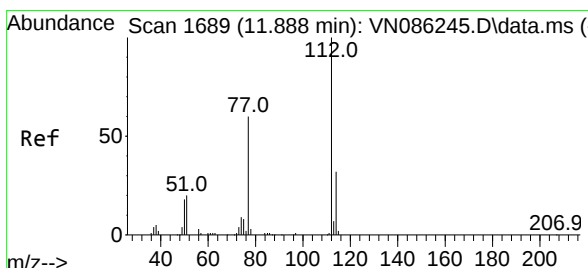
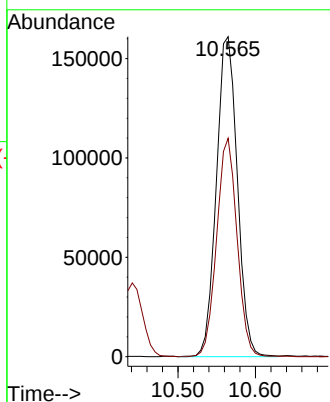
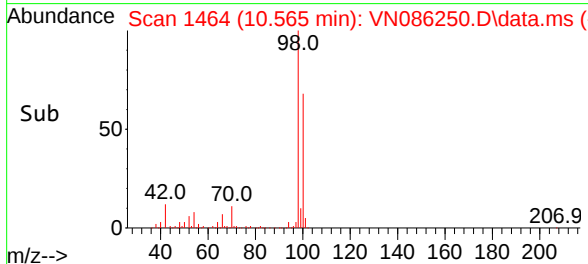
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



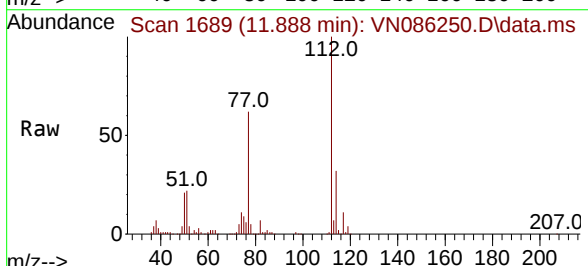
Tgt Ion: 98 Resp: 303469
Ion Ratio Lower Upper
98 100
100 66.4 52.3 78.5

Manual Integrations
APPROVED

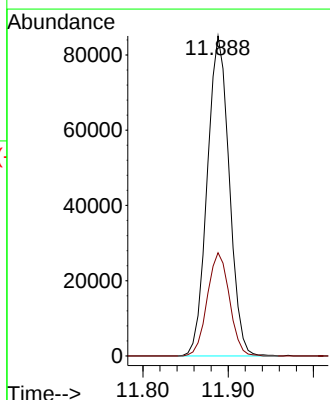
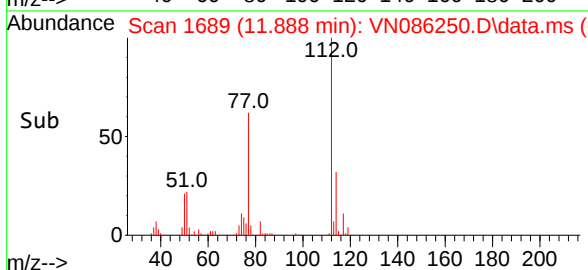
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

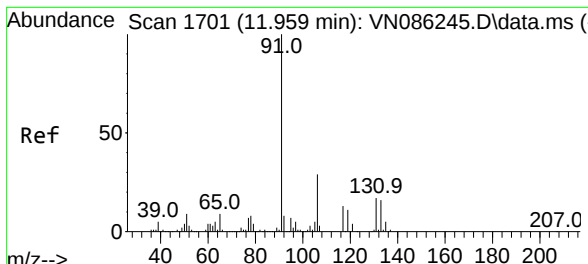


#64
Chlorobenzene
Concen: 20.635 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16



Tgt Ion:112 Resp: 152512
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



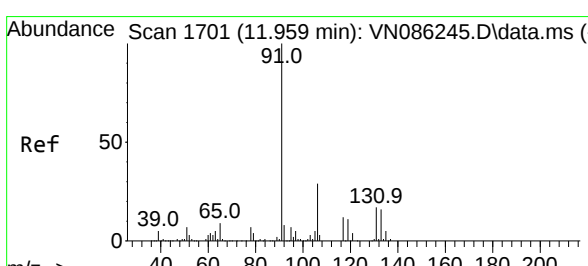
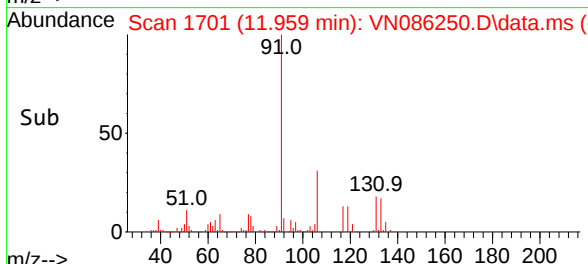
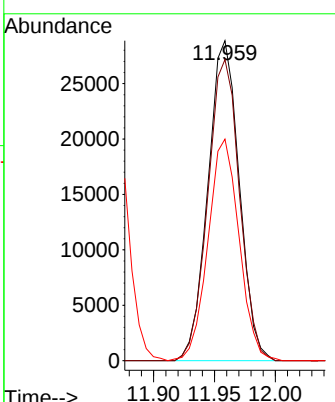
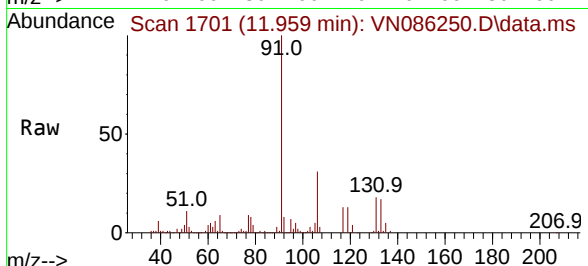


#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.219 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN086250.D
 Acq: 11 Apr 2025 15:16

Instrument : MSVOA_N
 ClientSampleId : VN0411WBSD01

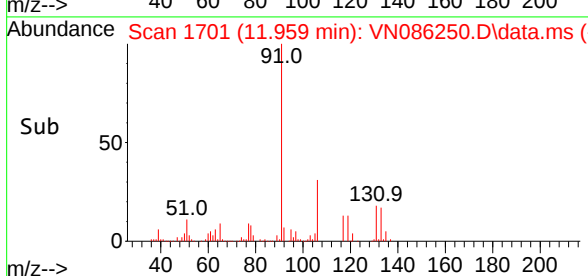
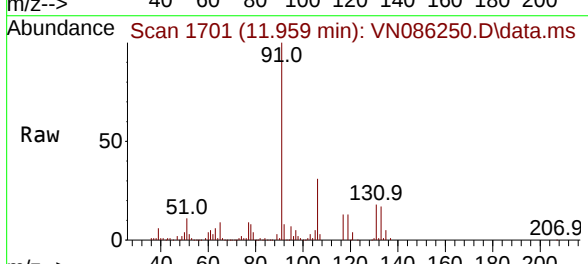
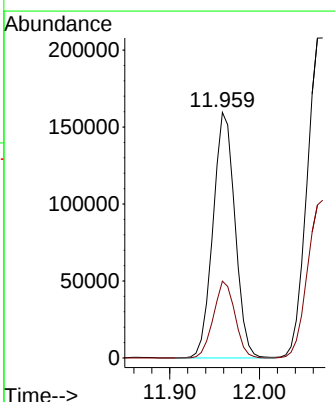
Tgt Ion:	131	Resp:	51750
Ion Ratio	Lower	Upper	
131	100		
133	95.3	0.0	190.4
119	68.7	0.0	135.6

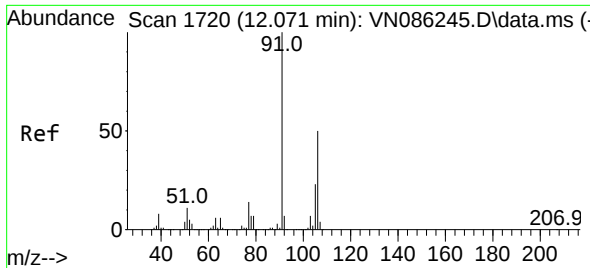
Manual Integrations
APPROVED
 Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025



#66
 Ethyl Benzene
 Concen: 20.236 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN086250.D
 Acq: 11 Apr 2025 15:16

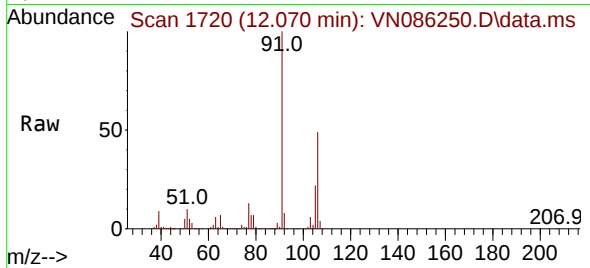
Tgt Ion:	91	Resp:	271487
Ion Ratio	Lower	Upper	
91	100		
106	31.3	23.4	35.0





#67
m/p-Xylenes
Concen: 40.720 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

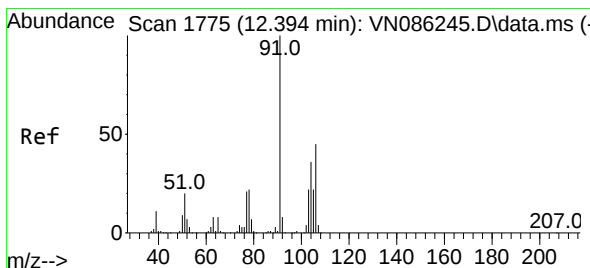
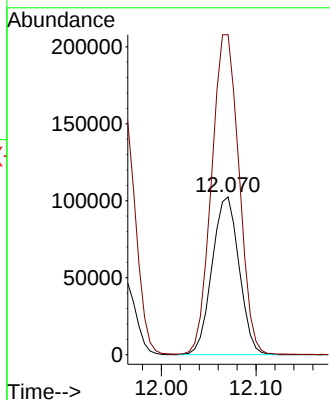
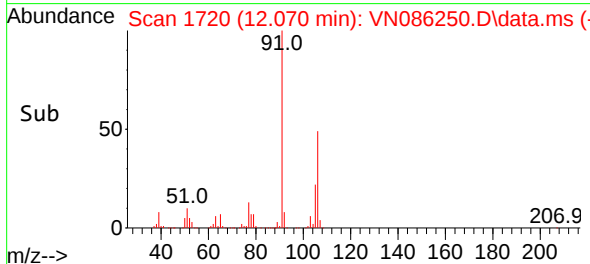
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion:106 Resp: 203138
Ion Ratio Lower Upper
106 100
91 205.7 164.5 246.7

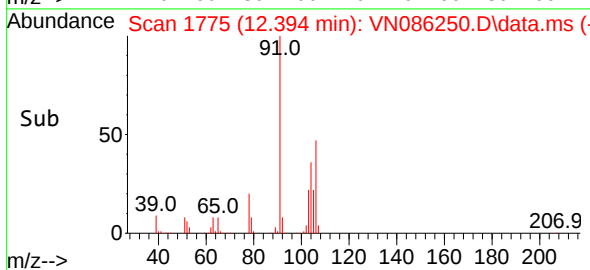
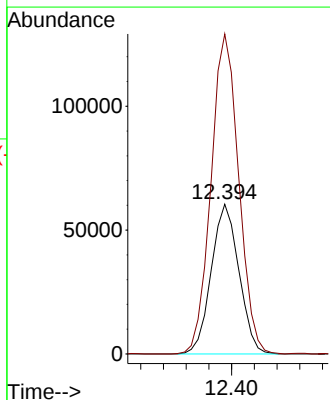
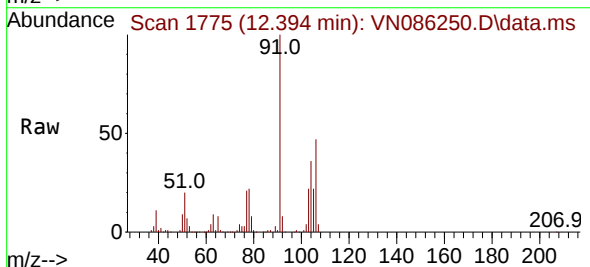
Manual Integrations
APPROVED

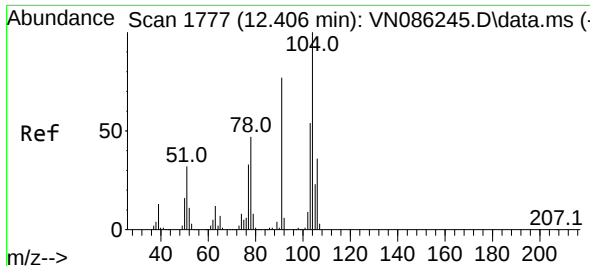
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#68
o-Xylene
Concen: 20.842 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

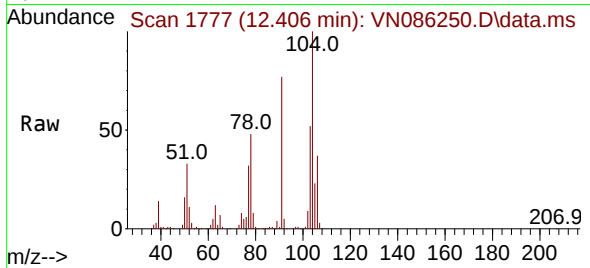
Tgt Ion:106 Resp: 102269
Ion Ratio Lower Upper
106 100
91 214.0 109.8 329.4





#69
Styrene
Concen: 20.872 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

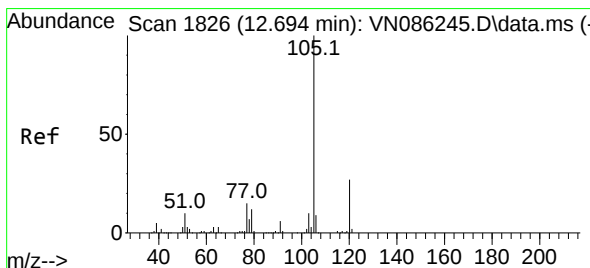
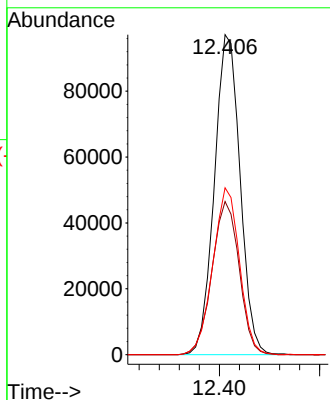
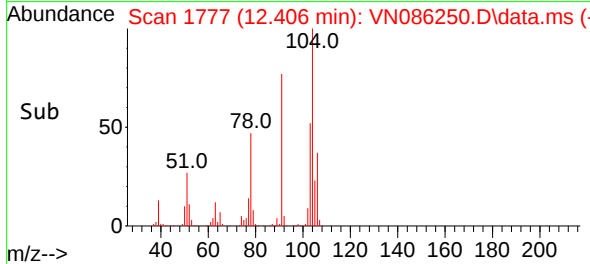
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion:104 Resp: 17272
Ion Ratio Lower Upper
104 100
78 50.6 41.4 62.0
103 54.0 44.2 66.4

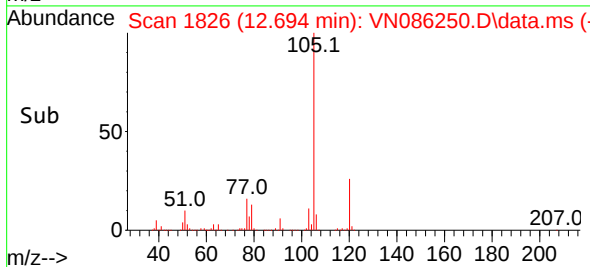
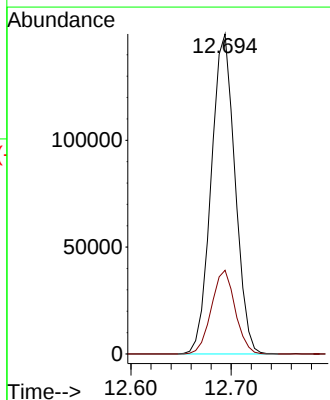
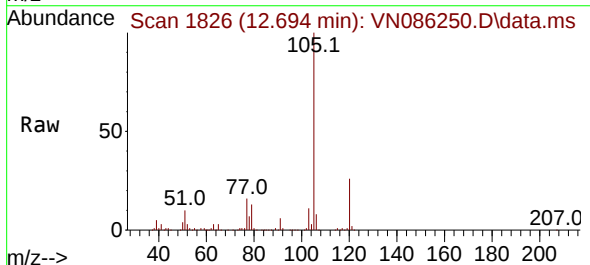
Manual Integrations
APPROVED

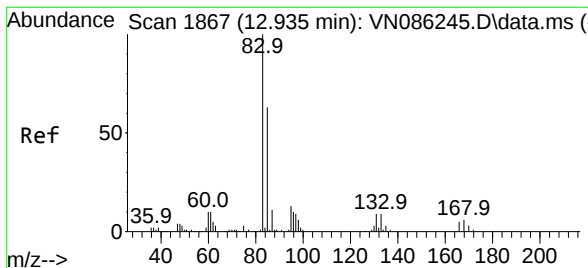
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#70
Isopropylbenzene
Concen: 20.417 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

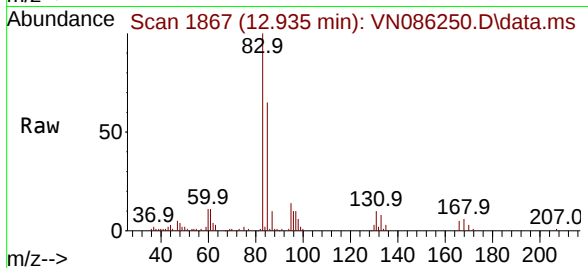
Tgt Ion:105 Resp: 247015
Ion Ratio Lower Upper
105 100
120 25.9 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 21.612 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

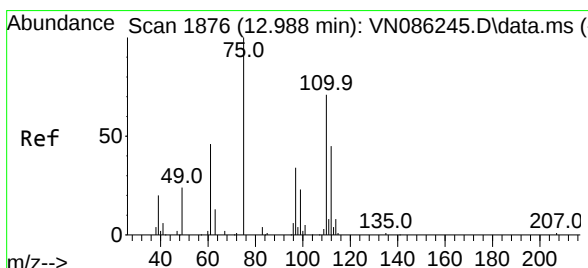
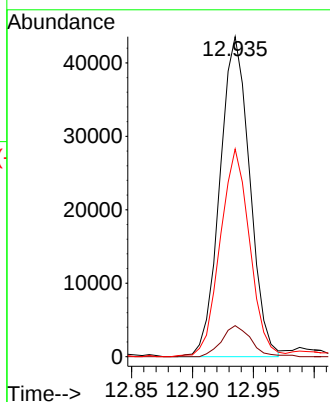
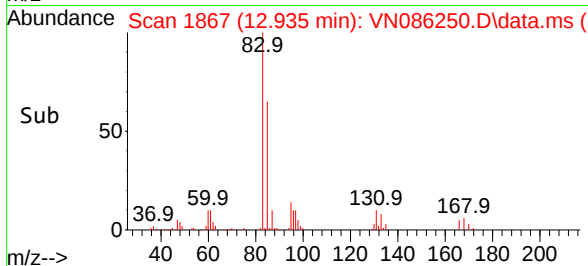
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



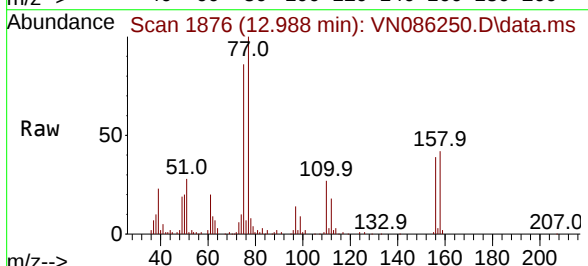
Tgt Ion: 83 Resp: 74420
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.3
85 63.0 32.3 96.8

Manual Integrations
APPROVED

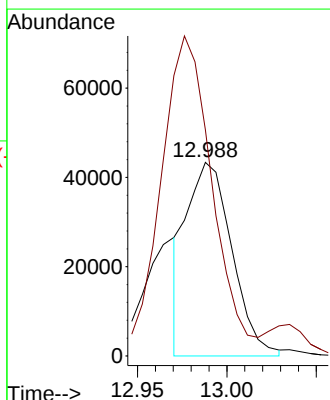
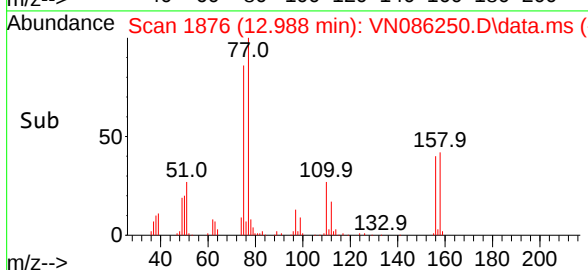
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

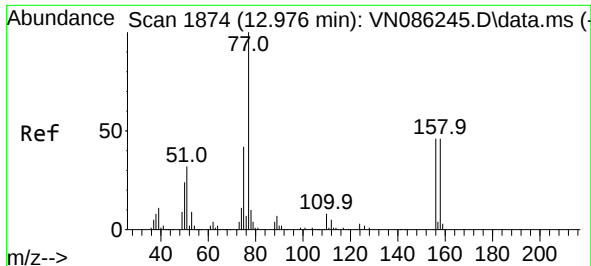


#72
1,2,3-Trichloropropane
Concen: 21.289 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16



Tgt Ion: 75 Resp: 76312
Ion Ratio Lower Upper
75 100
77 187.9 0.0 380.0





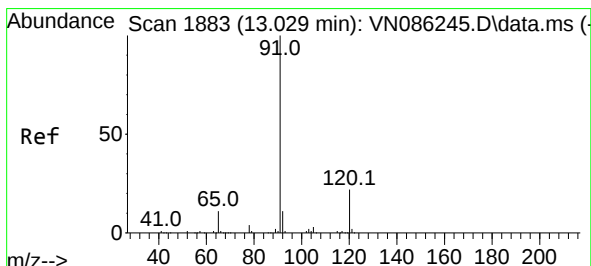
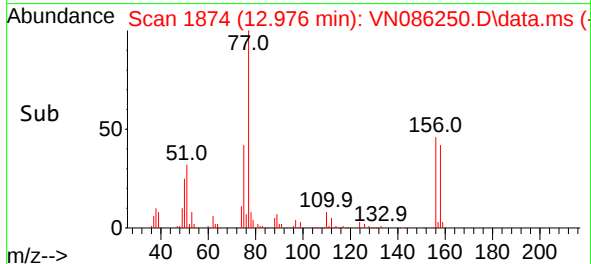
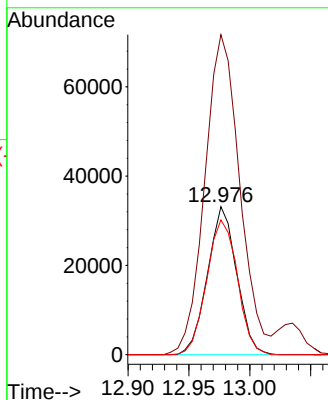
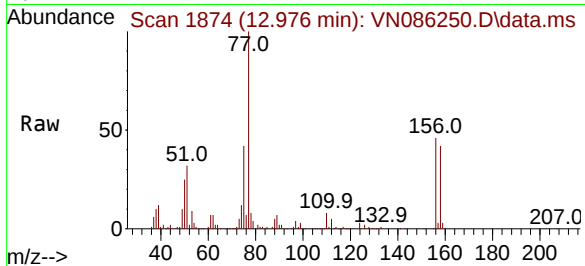
#73
Bromobenzene
Concen: 20.660 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01

Tgt Ion:156 Resp: 55372
Ion Ratio Lower Upper
156 100
77 258.9 0.0 505.2
158 95.5 0.0 195.0

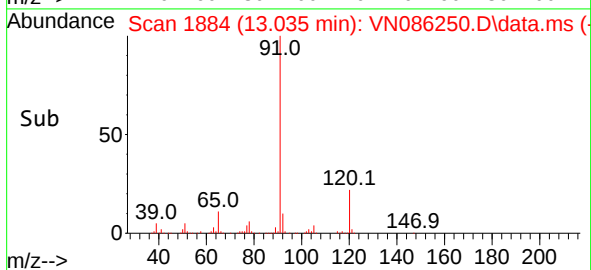
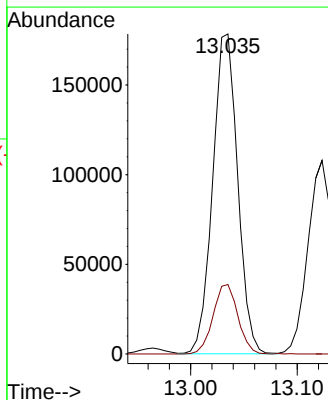
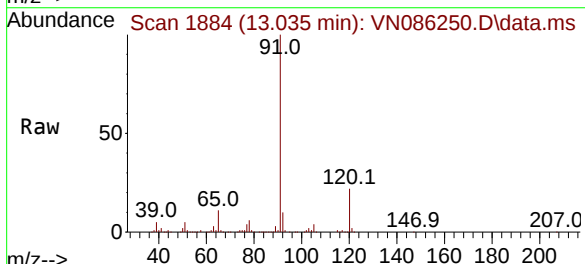
Manual Integrations
APPROVED

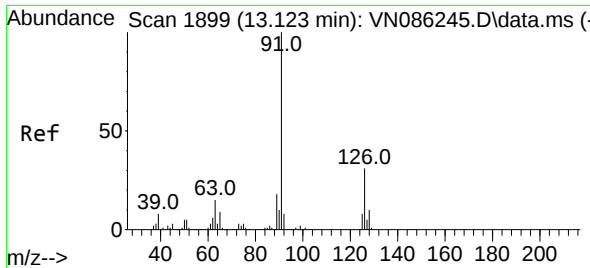
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#74
n-propylbenzene
Concen: 20.330 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

Tgt Ion: 91 Resp: 290430
Ion Ratio Lower Upper
91 100
120 21.5 0.0 44.0





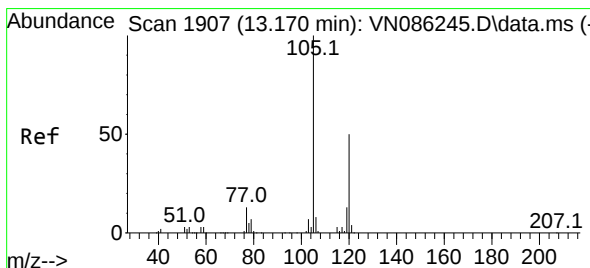
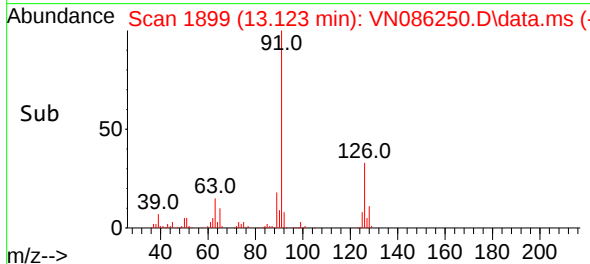
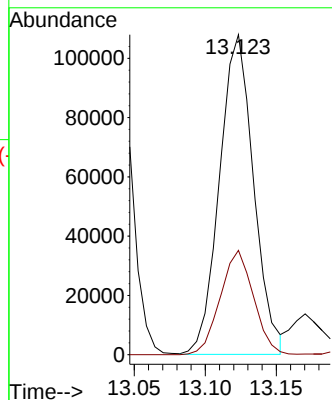
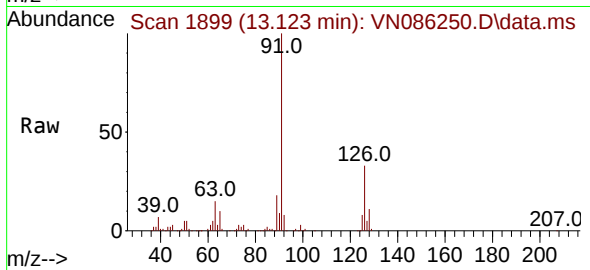
#75
2-Chlorotoluene
Concen: 20.074 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01

Tgt Ion: 91 Resp: 18025
Ion Ratio Lower Upper
91 100
126 31.8 0.0 63.4

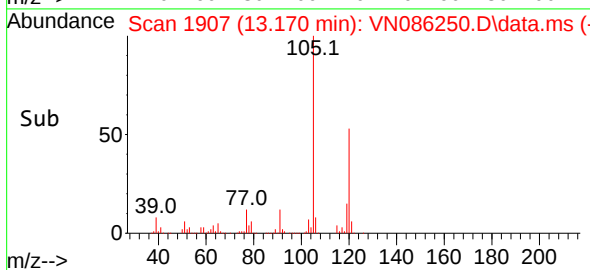
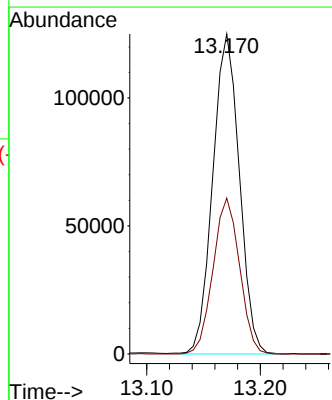
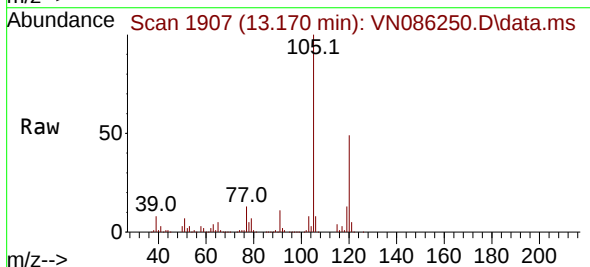
Manual Integrations
APPROVED

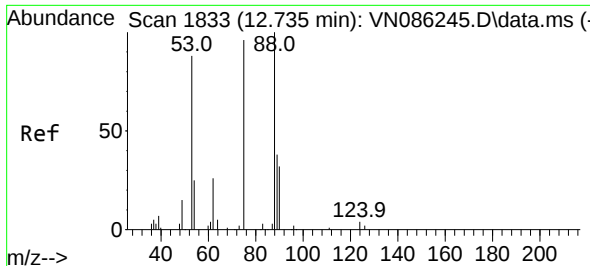
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#76
1,3,5-Trimethylbenzene
Concen: 20.450 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

Tgt Ion:105 Resp: 203242
Ion Ratio Lower Upper
105 100
120 48.5 0.0 98.0





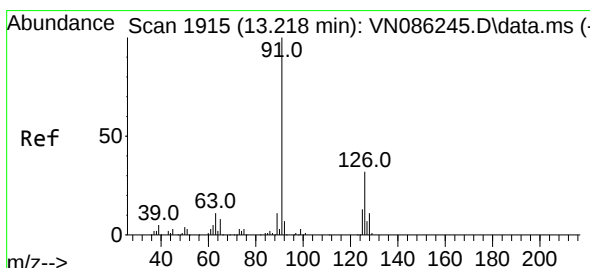
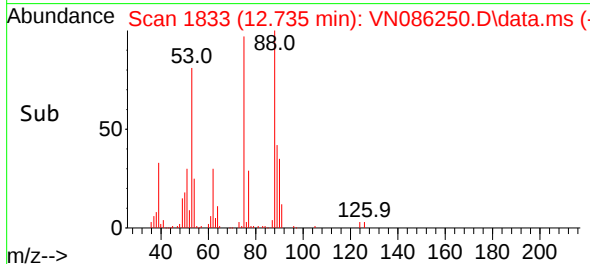
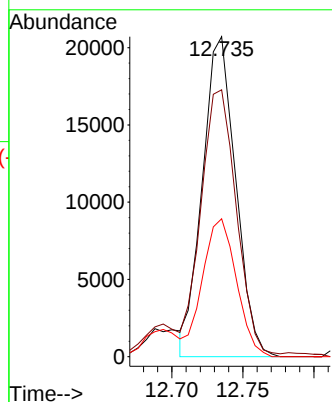
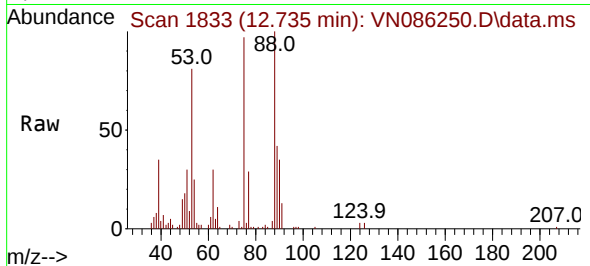
#77
t-1,4-Dichloro-2-butene
Concen: 20.436 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01

Tgt Ion: 75 Resp: 33778
Ion Ratio Lower Upper
75 100
53 82.5 46.4 139.2
89 43.1 22.5 67.5

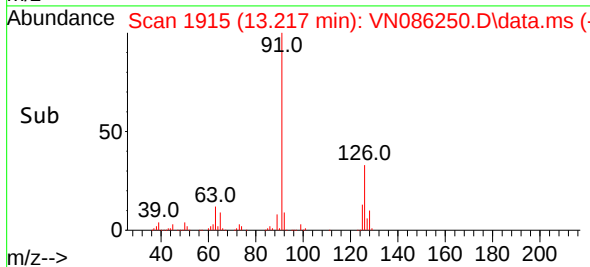
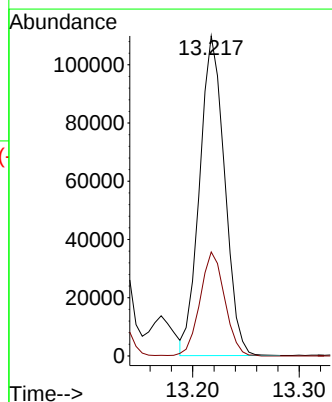
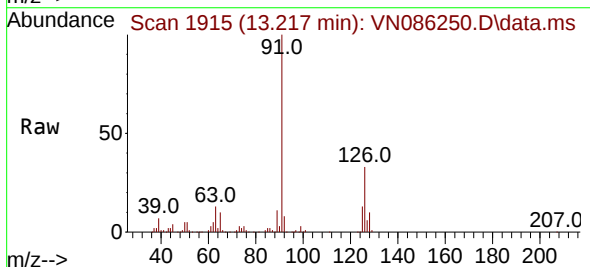
Manual Integrations
APPROVED

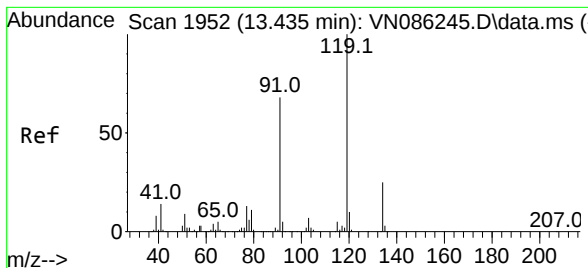
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#78
4-Chlorotoluene
Concen: 19.997 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

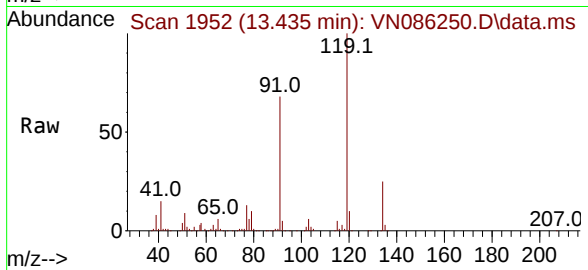
Tgt Ion: 91 Resp: 179336
Ion Ratio Lower Upper
91 100
126 32.1 0.0 63.2





#79
tert-butylbenzene
Concen: 19.806 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

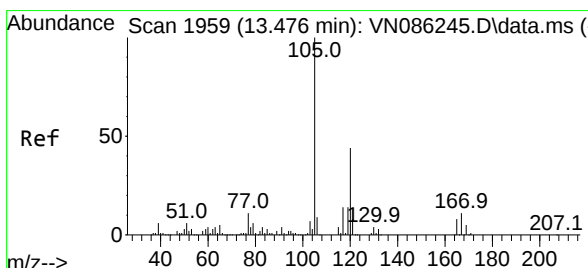
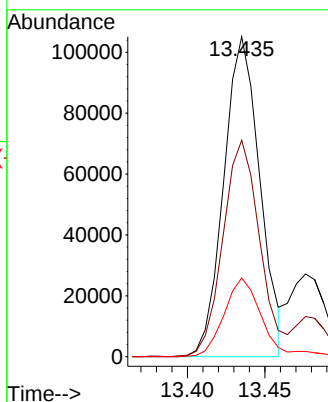
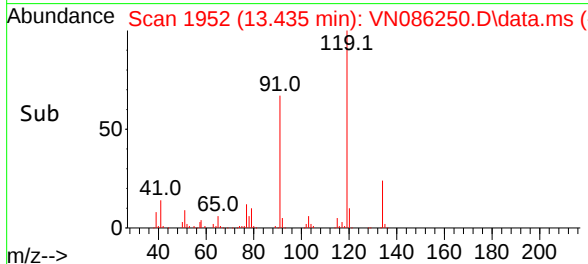
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



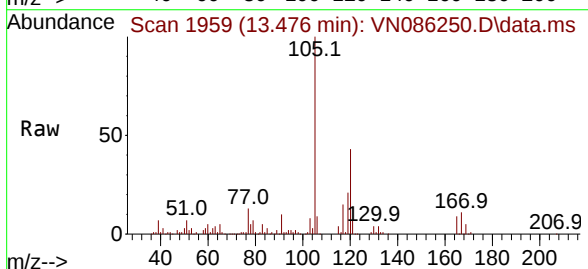
Tgt Ion:119 Resp: 170320
Ion Ratio Lower Upper
119 100
91 69.3 0.0 136.6
134 24.5 0.0 49.4

Manual Integrations
APPROVED

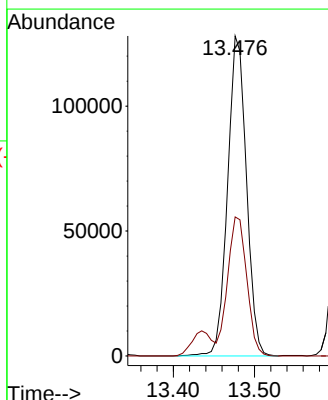
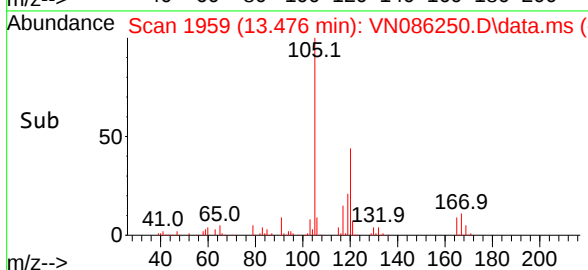
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

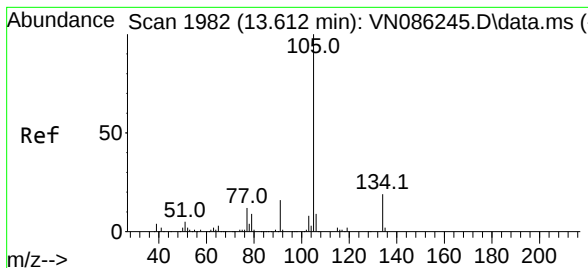


#80
1,2,4-Trimethylbenzene
Concen: 20.464 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16



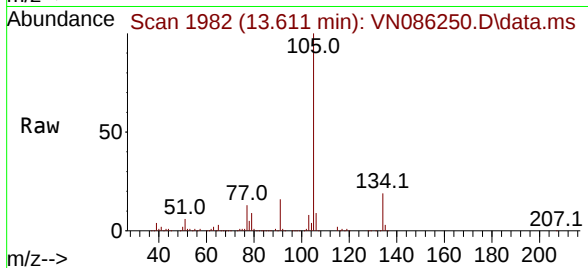
Tgt Ion:105 Resp: 206236
Ion Ratio Lower Upper
105 100
120 44.1 0.0 91.0





#81
 sec-Butylbenzene
 Concen: 20.202 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086250.D
 Acq: 11 Apr 2025 15:16

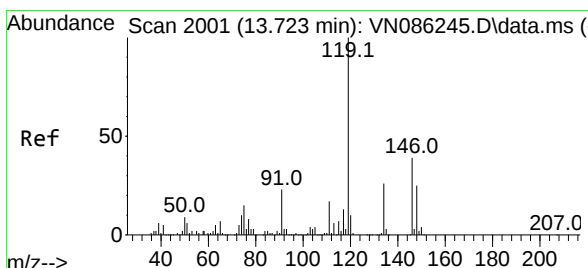
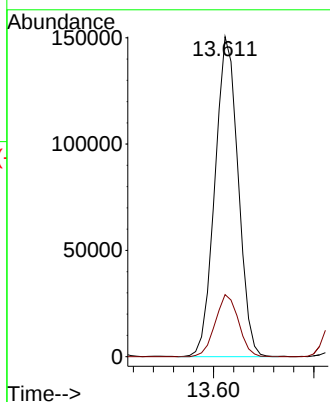
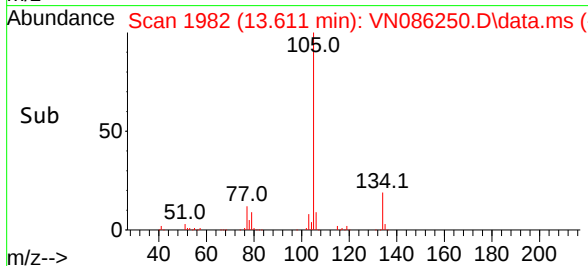
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBSD01



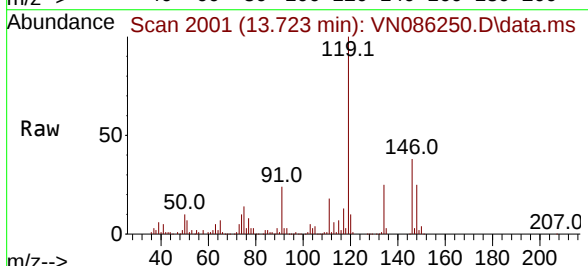
Tgt Ion:105 Resp: 242330
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 38.6

Manual Integrations
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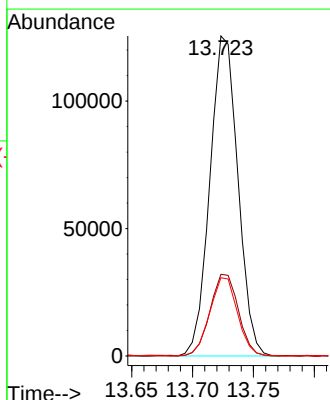
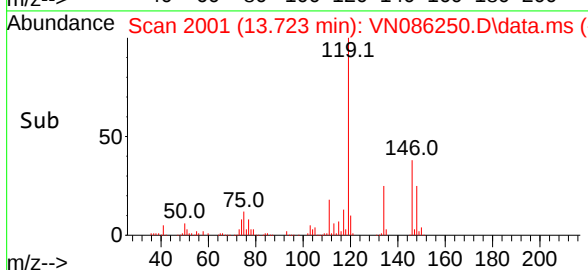
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025

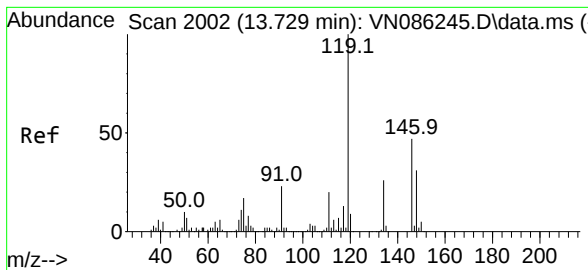


#82
 p-Isopropyltoluene
 Concen: 20.098 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086250.D
 Acq: 11 Apr 2025 15:16



Tgt Ion:119 Resp: 201123
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 51.6
 91 24.4 0.0 48.2





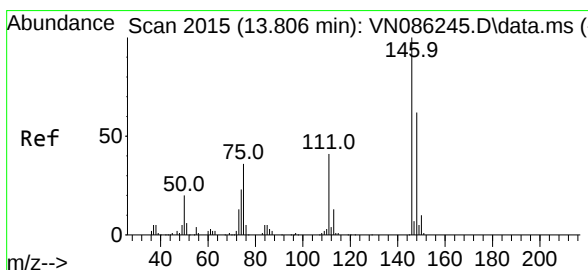
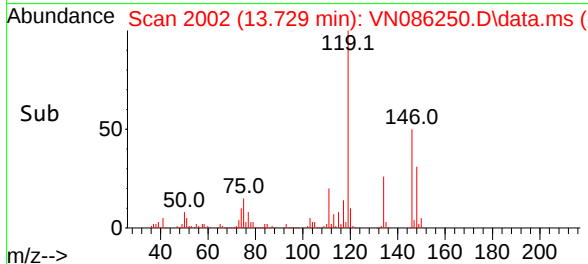
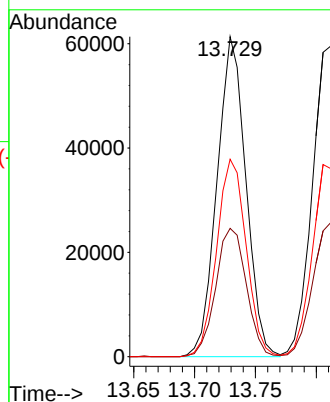
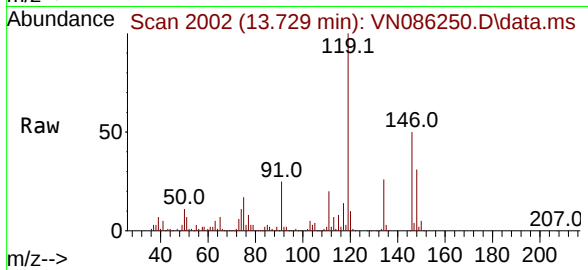
#83
1,3-Dichlorobenzene
Concen: 20.332 ug/l
RT: 13.729 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01

Tgt Ion:146 Resp: 10128
Ion Ratio Lower Upper
146 100
111 42.6 21.7 65.1
148 63.1 32.3 96.8

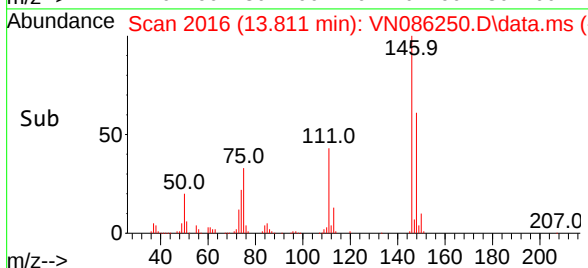
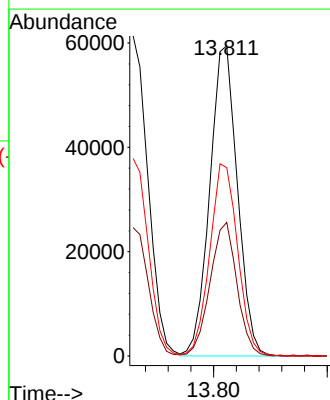
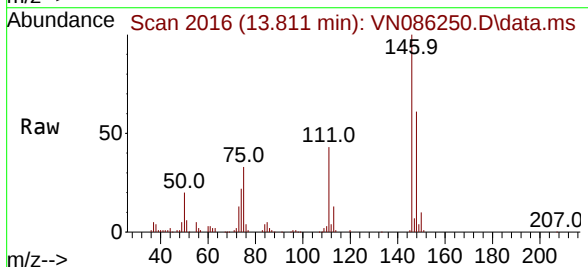
Manual Integrations
APPROVED

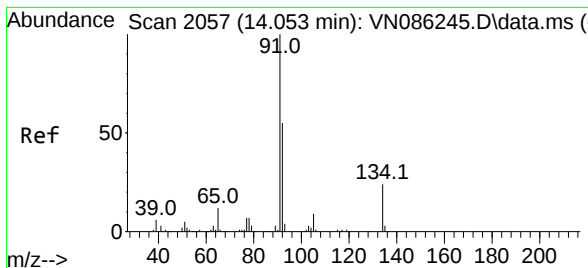
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#84
1,4-Dichlorobenzene
Concen: 20.144 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

Tgt Ion:146 Resp: 100671
Ion Ratio Lower Upper
146 100
111 41.9 20.8 62.4
148 62.5 31.9 95.5





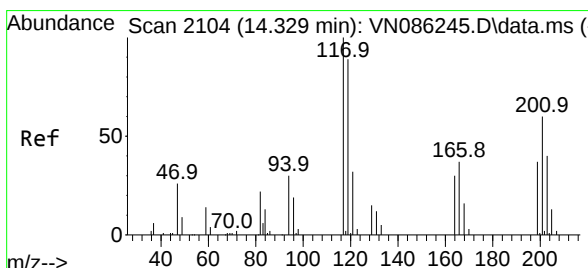
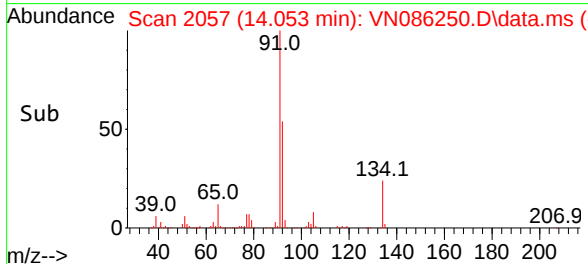
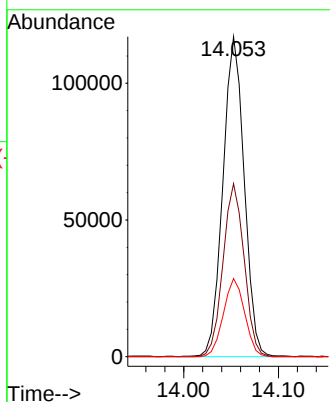
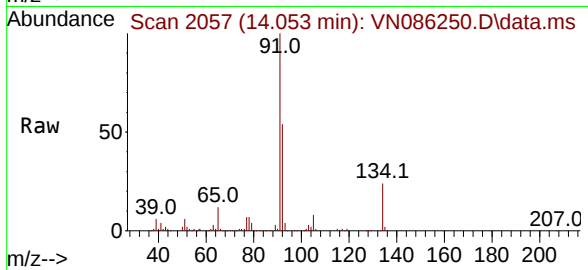
#85
n-Butylbenzene
Concen: 20.279 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01

Tgt Ion: 91 Resp: 183068
Ion Ratio Lower Upper
91 100
92 53.4 0.0 109.4
134 24.2 0.0 48.2

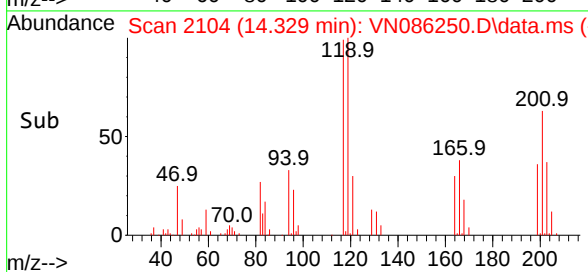
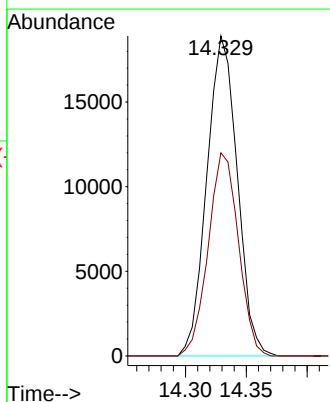
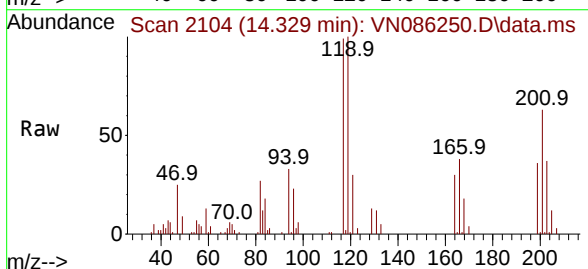
Manual Integrations
APPROVED

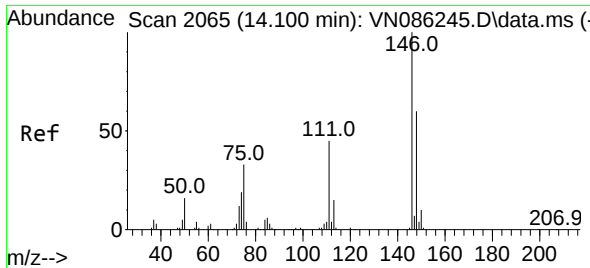
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#86
Hexachloroethane
Concen: 19.494 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

Tgt Ion:117 Resp: 32907
Ion Ratio Lower Upper
117 100
201 63.0 30.9 92.8





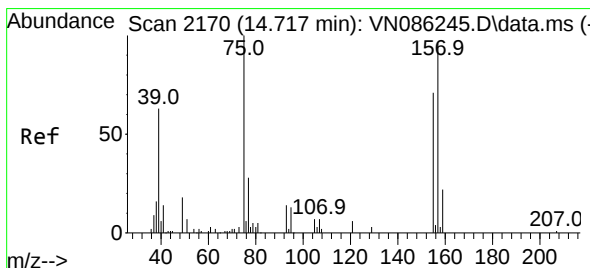
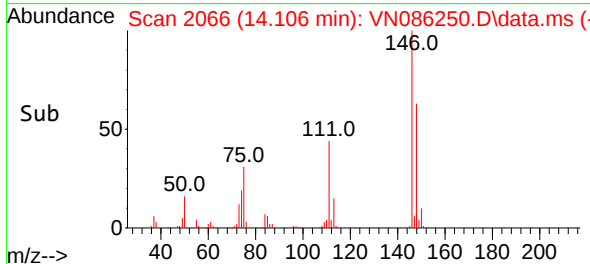
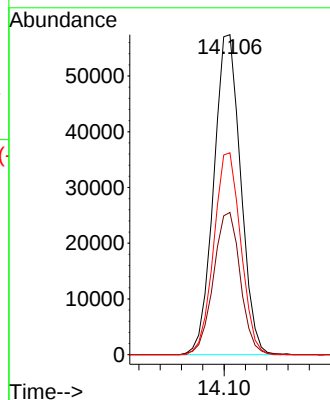
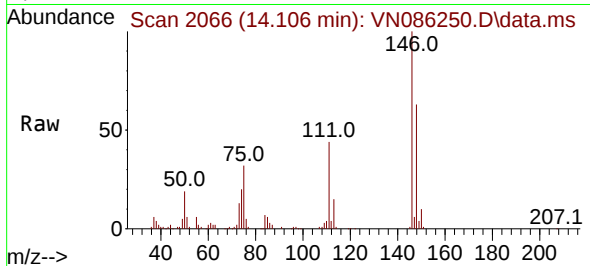
#87
1,2-Dichlorobenzene
Concen: 20.514 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01

Tgt Ion:146 Resp: 10090
Ion Ratio Lower Upper
146 100
111 44.3 22.7 68.0
148 63.1 31.8 95.3

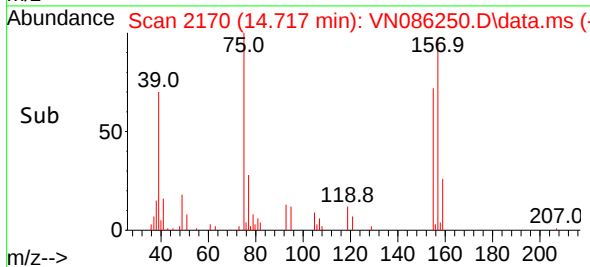
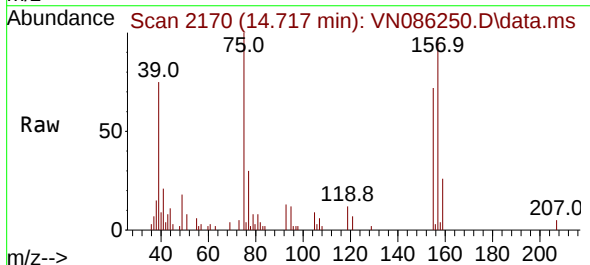
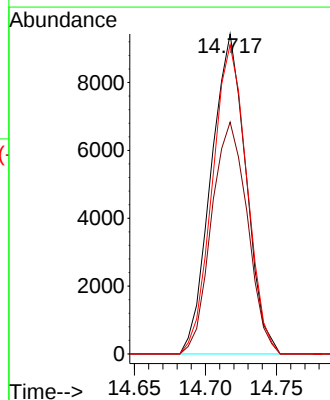
Manual Integrations
APPROVED

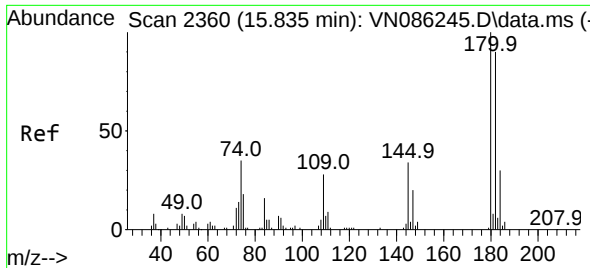
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.539 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

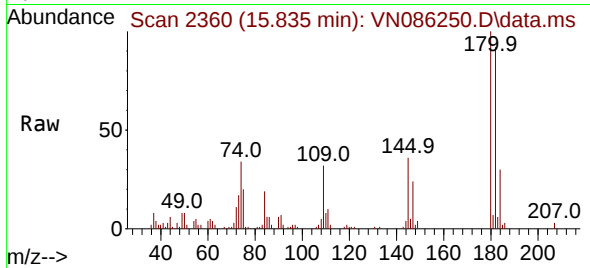
Tgt Ion: 75 Resp: 16110
Ion Ratio Lower Upper
75 100
155 74.4 60.3 90.5
157 95.2 79.0 118.4





#89
1,2,4-Trichlorobenzene
Concen: 20.472 ug/l
RT: 15.835 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

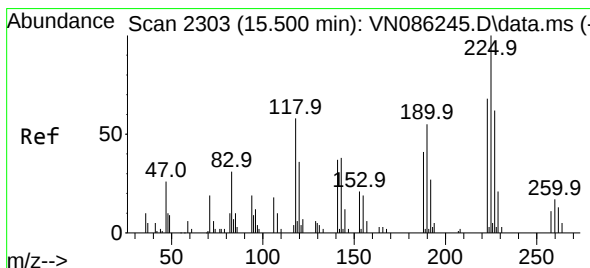
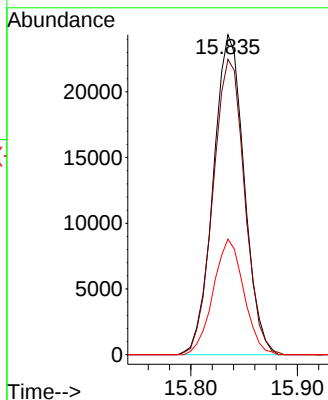
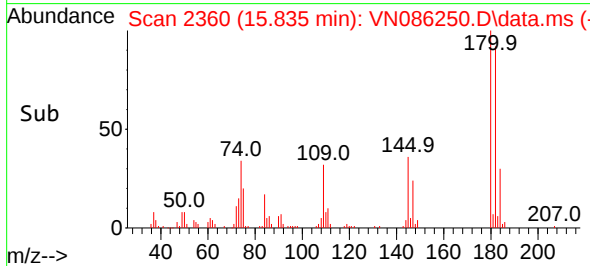
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion:180 Resp: 4899
Ion Ratio Lower Upper
180 100
182 94.3 75.1 112.7
145 35.7 27.1 40.7

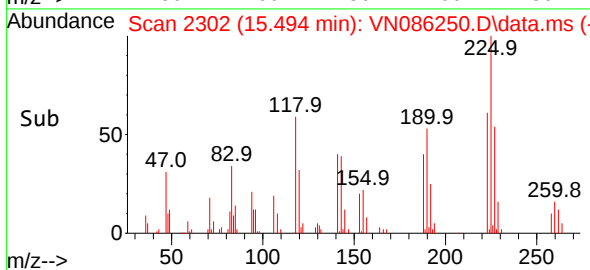
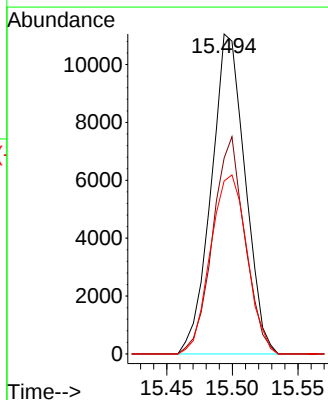
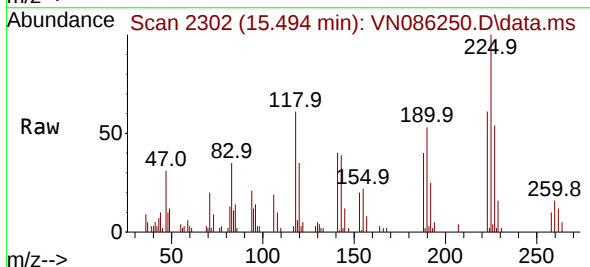
Manual Integrations
APPROVED

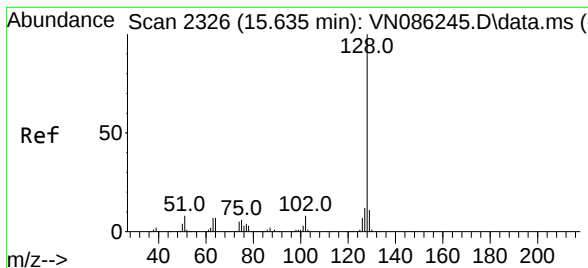
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#90
Hexachlorobutadiene
Concen: 19.213 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

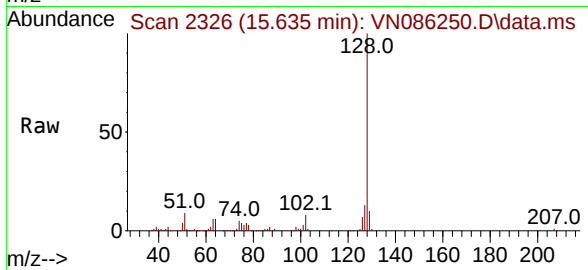
Tgt Ion:225 Resp: 19853
Ion Ratio Lower Upper
225 100
223 64.4 0.0 130.0
227 60.3 0.0 123.2





#91
Naphthalene
Concen: 20.655 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16

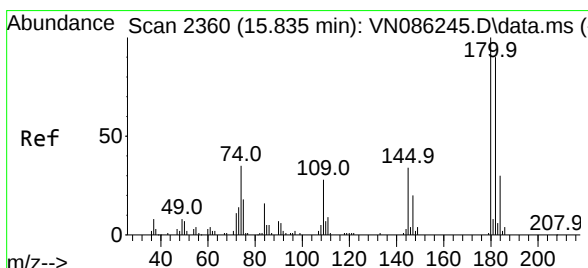
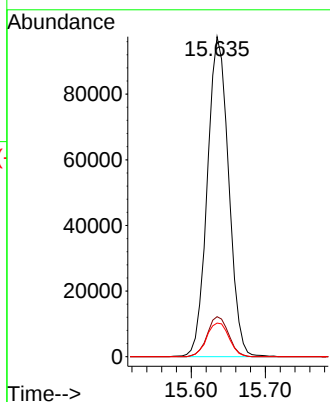
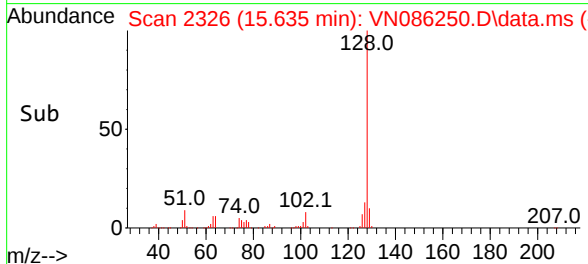
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



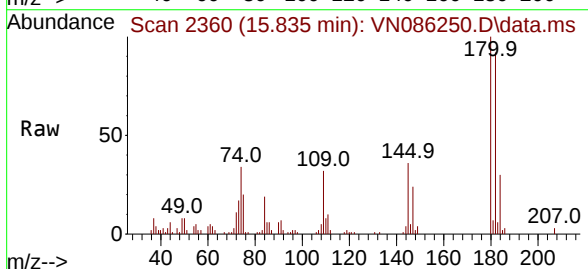
Tgt Ion:128 Resp: 194900
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#92
1,2,3-Trichlorobenzene
Concen: 20.472 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086250.D
Acq: 11 Apr 2025 15:16



Tgt Ion:180 Resp: 48993
Ion Ratio Lower Upper
180 100
182 94.3 0.0 187.8
145 35.7 0.0 67.8

