

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
 Data File : VN087460.D
 Acq On : 05 Aug 2025 16:50
 Operator : JC\MD
 Sample : VN0805WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0805WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/06/2025
 Supervised By : Mahesh Dadoda 08/06/2025

Quant Time: Aug 06 02:42:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.794	128	68244	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	391524	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	351439	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	193699	30.773	ug/l	0.00
Spiked Amount	30.000	Range 91 - 110	Recovery =	102.567%		
60) 4-Bromofluorobenzene	12.829	95	179372	29.658	ug/l	0.00
Spiked Amount	30.000	Range 63 - 112	Recovery =	98.867%		
63) Toluene-d8	10.547	98	484798	29.980	ug/l	0.00
Spiked Amount	30.000	Range 91 - 112	Recovery =	99.933%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	92285	20.712	ug/l	95
3) Chloromethane	2.383	50	85828	18.775	ug/l	98
4) Vinyl Chloride	2.542	62	94978	19.589	ug/l	92
5) Bromomethane	2.983	94	55111	20.999	ug/l	82
6) Chloroethane	3.136	64	60563	19.371	ug/l	98
7) Trichlorofluoromethane	3.512	101	139680	20.017	ug/l	97
8) Diethyl Ether	3.959	74	56764	19.526	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	74225	20.859	ug/l	87
10) 1,1-Dichloroethene	4.336	96	73129	19.565	ug/l	87
11) Methyl Iodide	4.583	142	49826	16.930	ug/l	94
12) Methyl Acetate	5.018	43	128243	18.593	ug/l #	88
13) Acrolein	4.171	56	111329	105.679	ug/l	97
14) Acrylonitrile	5.706	53	287878	95.582	ug/l	97
15) Acetone	4.418	58	77914	90.539	ug/l	87
16) Carbon Disulfide	4.706	76	223633	19.289	ug/l	99
17) Allyl chloride	5.018	41	139961	18.372	ug/l	86
18) Methylene Chloride	5.271	84	90747m	18.860	ug/l	
19) trans-1,2-Dichloroethene	5.771	96	82245	18.504	ug/l	97
20) Diisopropyl ether	6.659	45	325076	18.731	ug/l #	95
21) 1,1-Dichloroethane	6.559	63	166012	18.505	ug/l	99
22) cis-1,2-Dichloroethene	7.471	96	101299	18.523	ug/l	99
23) tert-Butyl Alcohol	5.530	59	125590m	98.131	ug/l	
24) Methyl tert-Butyl Ether	5.783	73	315904	18.548	ug/l	98
25) Chloroform	7.947	83	173319	18.509	ug/l	91
26) Cyclohexane	8.235	56	145058	20.196	ug/l #	99
29) 1,1-Dichloropropene	8.353	75	115215	18.042	ug/l	99
30) 2-Butanone	7.471	43	433203	92.033	ug/l	99
31) 2,2-Dichloropropane	7.477	77	150332	18.253	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	150740	18.508	ug/l	98
33) Carbon Tetrachloride	8.341	117	124218	18.359	ug/l	98
34) Benzene	8.588	78	360734	17.895	ug/l	97
35) Methacrylonitrile	7.765	41	95111	18.724	ug/l	97
36) 1,2-Dichloroethane	8.653	62	146883	18.028	ug/l #	85
37) Trichloroethene	9.335	130	80299	18.084	ug/l	94
38) Methylcyclohexane	9.582	83	150575	20.326	ug/l	98
39) 1,2-Dichloropropane	9.600	63	92517	17.901	ug/l	100
40) Dibromomethane	9.694	93	70139	18.088	ug/l	97
41) Bromodichloromethane	9.871	83	139943	17.367	ug/l	100
42) Vinyl Acetate	6.588	43	1413954	91.216	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	167461	18.415	ug/l	96
44) Isopropyl Acetate	8.677	43	281180	18.241	ug/l	99
45) 1,4-Dioxane	9.682	88	38943	396.299	ug/l	95
46) Methyl methacrylate	9.665	41	130935	17.995	ug/l	96
47) n-amyl Acetate	12.529	43	160288m	18.824	ug/l	
48) t-1,3-Dichloropropene	10.818	75	152532	17.400	ug/l	99
49) cis-1,3-Dichloropropene	10.294	75	158190	17.931	ug/l	98
50) 1,1,2-Trichloroethane	10.994	97	87290	17.816	ug/l	97
51) Ethyl methacrylate	10.859	69	156339	18.119	ug/l	94
52) 1,3-Dichloropropane	11.147	76	160044	18.132	ug/l	100
53) Dibromochloromethane	11.341	129	100180	17.705	ug/l	100
54) 1,2-Dibromoethane	11.447	107	92245	17.736	ug/l	98
55) 2-Chloroethyl vinyl ether	10.141	63	438223	96.474	ug/l	100
56) Bromoform	12.559	173	64286	17.177	ug/l #	96
58) 4-Methyl-2-Pentanone	10.429	43	847427	93.735	ug/l	100
59) 2-Hexanone	11.176	43	554894	90.334	ug/l	99
61) Tetrachloroethene	11.082	164	65396	19.100	ug/l	96
62) Toluene	10.612	91	391886	18.067	ug/l	99
64) Chlorobenzene	11.871	112	238431	17.889	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.941	131	82205	17.542	ug/l	98
66) Ethyl Benzene	11.941	91	441499	18.262	ug/l	98
67) m/p-Xylenes	12.047	106	323770	36.484	ug/l	98
68) o-Xylene	12.376	106	155852	17.852	ug/l	99
69) Styrene	12.394	104	263173	17.654	ug/l	98
70) Isopropylbenzene	12.676	105	409369	18.456	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	140719	18.516	ug/l	99
72) 1,2,3-Trichloropropane	12.976	75	120595m	17.034	ug/l	
73) Bromobenzene	12.959	156	91566	17.808	ug/l	98
74) n-propylbenzene	13.012	91	517842	18.694	ug/l	99
75) 2-Chlorotoluene	13.106	91	306609	17.994	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	349695	18.414	ug/l	99
77) t-1,4-Dichloro-2-butene	12.718	75	44947	16.771	ug/l	89
78) 4-Chlorotoluene	13.200	91	314714	18.226	ug/l	98
79) tert-butylbenzene	13.417	119	296975	18.547	ug/l	95
80) 1,2,4-Trimethylbenzene	13.459	105	347846	18.330	ug/l	100
81) sec-Butylbenzene	13.594	105	451234	19.358	ug/l	99
82) p-Isopropyltoluene	13.706	119	370850	19.161	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	175938	17.969	ug/l	99
84) 1,4-Dichlorobenzene	13.794	146	182288	18.363	ug/l	99
85) n-Butylbenzene	14.035	91	363591	19.201	ug/l	99
86) Hexachloroethane	14.312	117	67299	17.806	ug/l	95
87) 1,2-Dichlorobenzene	14.082	146	172808	18.489	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.700	75	35198	18.282	ug/l	96
89) 1,2,4-Trichlorobenzene	15.817	180	99696	17.849	ug/l	97
90) Hexachlorobutadiene	15.470	225	42024	19.348	ug/l	94
91) Naphthalene	15.617	128	387984	18.217	ug/l	99
92) 1,2,3-Trichlorobenzene	15.817	180	99696	17.849	ug/l	97

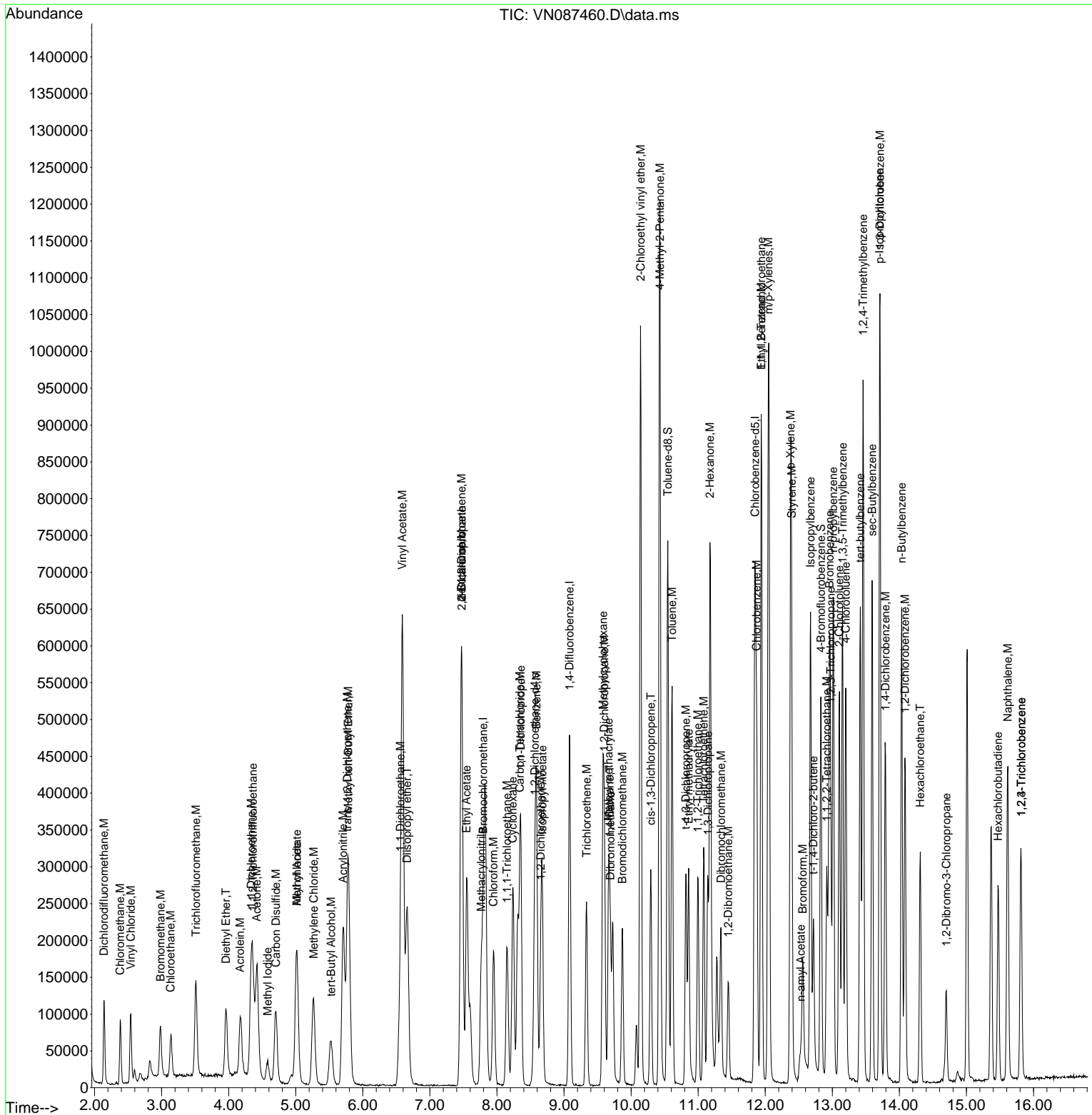
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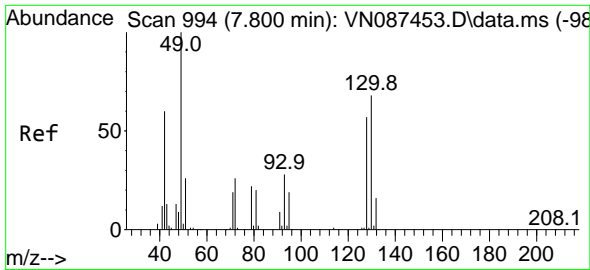
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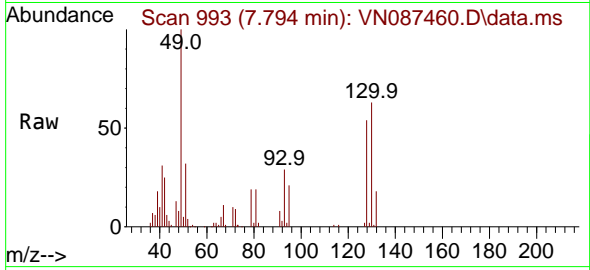
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.794 min Scan# 994
 Delta R.T. -0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument :

MSVOA_N

Client Sample Id :

VN0805WBSD02



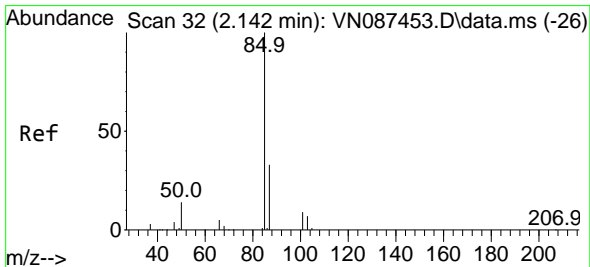
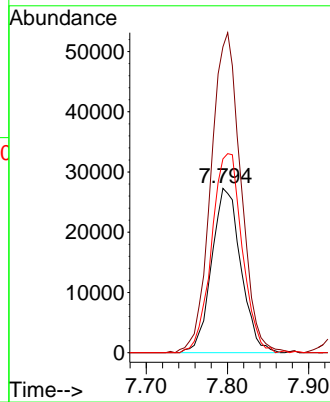
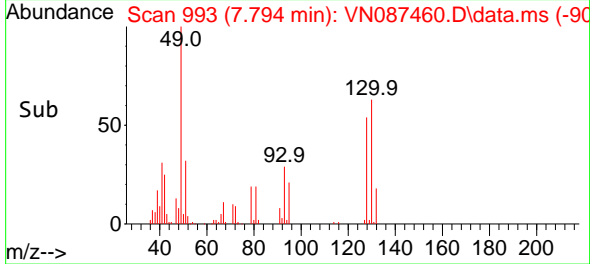
Tgt Ion: 128 Resp: 68244
 Ion Ratio Lower Upper
 128 100
 49 199.0 0.0 494.8
 130 126.6 0.0 321.5

Manual Integrations

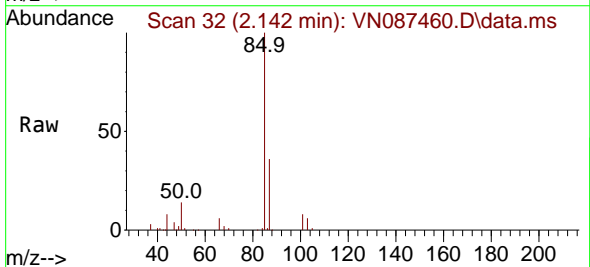
APPROVED

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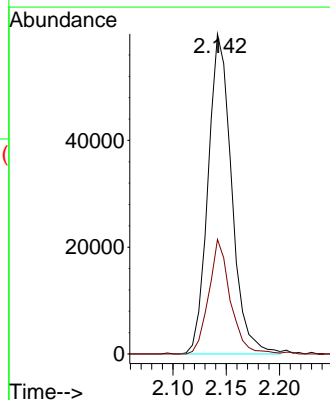
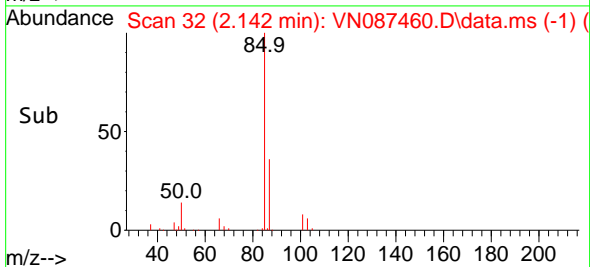
Supervised By : Mahesh Dadoda 08/06/2025

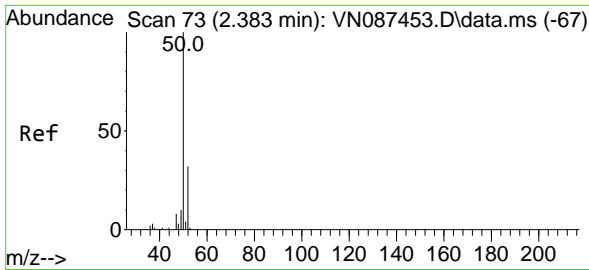


#2
 Dichlorodifluoromethane
 Concen: 20.712 ug/l
 RT: 2.142 min Scan# 32
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



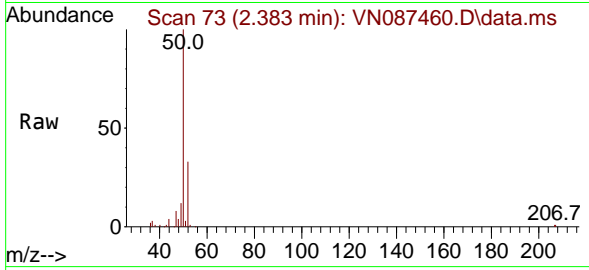
Tgt Ion: 85 Resp: 92285
 Ion Ratio Lower Upper
 85 100
 87 35.8 16.4 49.2





#3
 Chloromethane
 Concen: 18.775 ug/l
 RT: 2.383 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

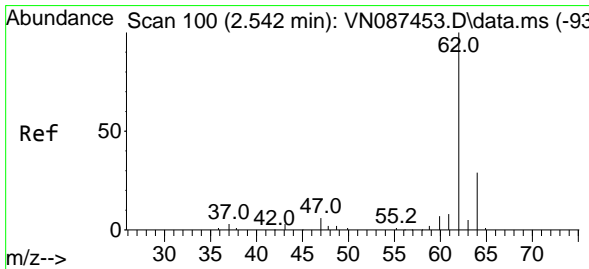
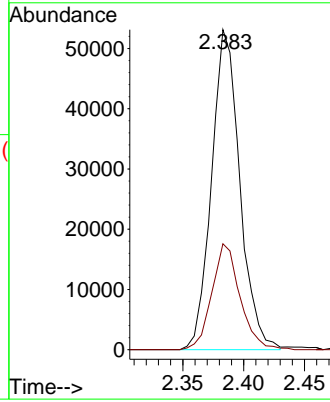
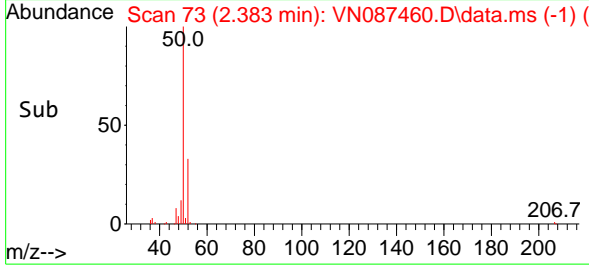
Instrument : MSVOA_N
 Client Sample Id : VN0805WBSD02



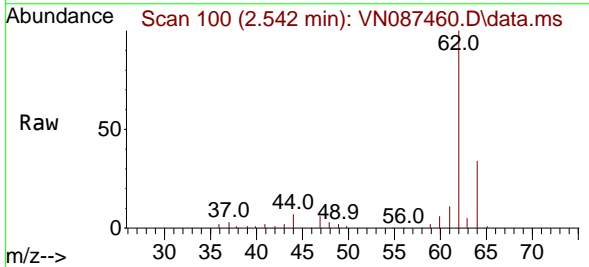
Tgt Ion: 50 Resp: 85828
 Ion Ratio Lower Upper
 50 100
 52 33.1 25.8 38.6

Manual Integrations
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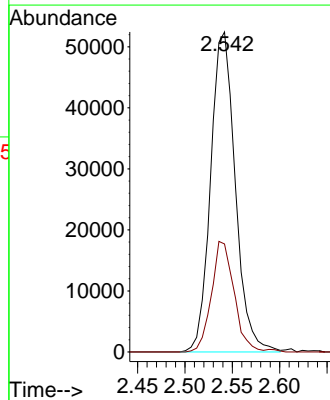
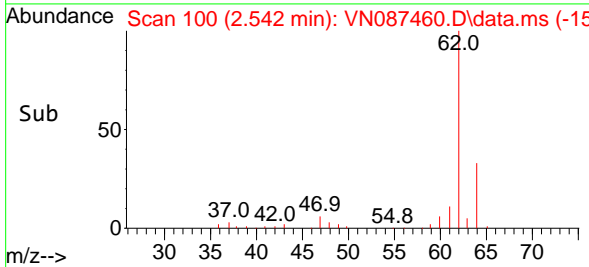
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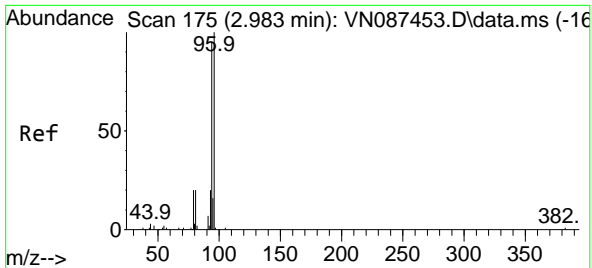


#4
 Vinyl Chloride
 Concen: 19.589 ug/l
 RT: 2.542 min Scan# 100
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



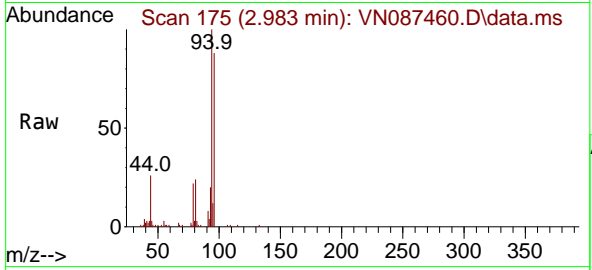
Tgt Ion: 62 Resp: 94978
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.4 35.2





#5
 Bromomethane
 Concen: 20.999 ug/l
 RT: 2.983 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

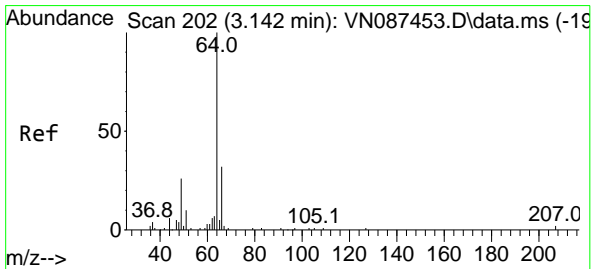
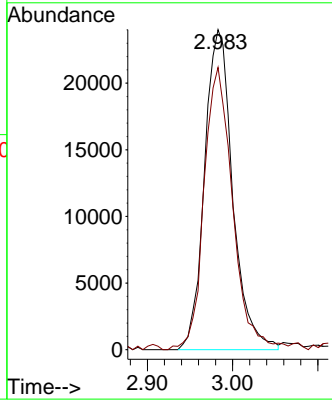
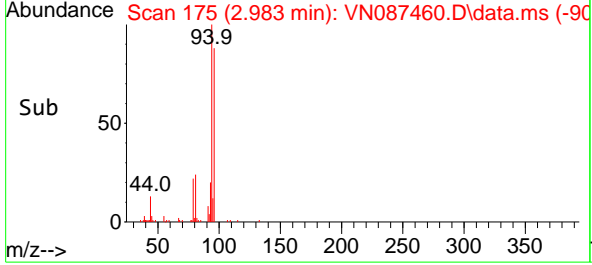
Instrument : MSVOA_N
 ClientSampleId : VN0805WBSD02



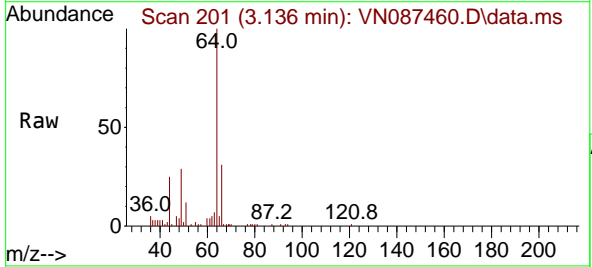
Tgt Ion: 94 Resp: 5511
 Ion Ratio Lower Upper
 94 100
 96 87.1 84.2 126.4

Manual Integrations
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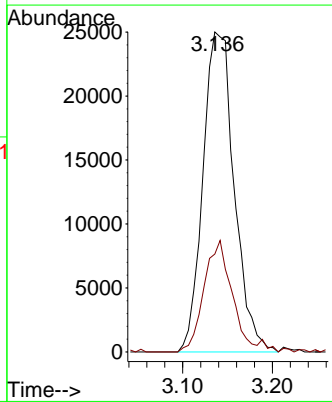
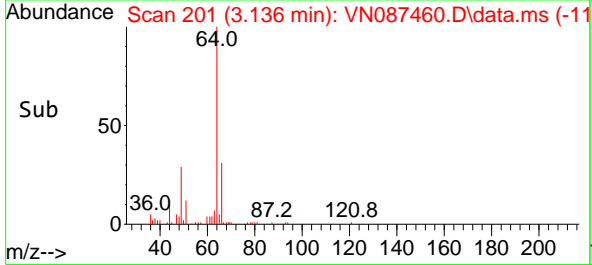
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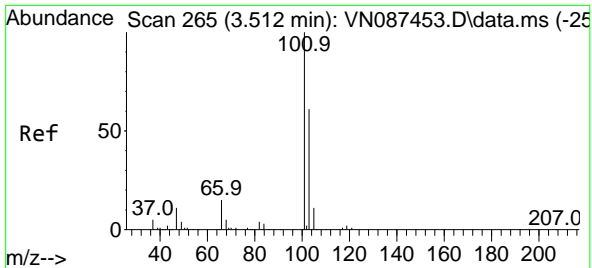


#6
 Chloroethane
 Concen: 19.371 ug/l
 RT: 3.136 min Scan# 201
 Delta R.T. -0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



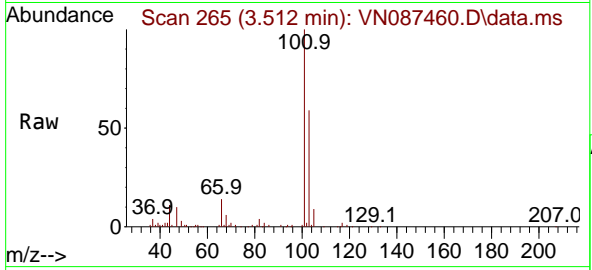
Tgt Ion: 64 Resp: 60563
 Ion Ratio Lower Upper
 64 100
 66 30.6 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 20.017 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087460.D
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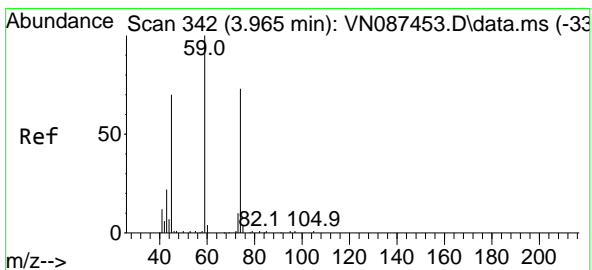
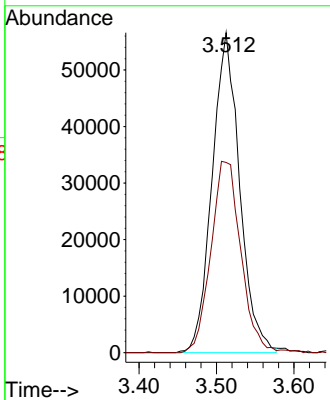
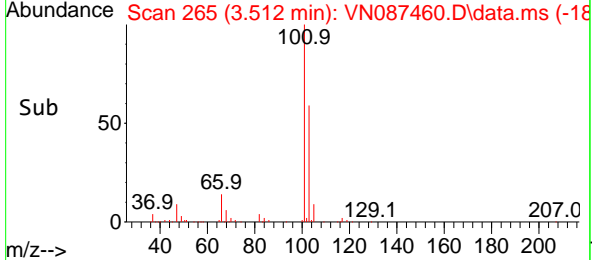
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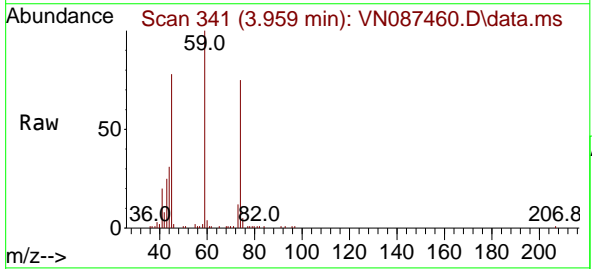
Tgt Ion: 101 Resp: 139680
 Ion Ratio Lower Upper
 101 100
 103 59.4 49.2 73.8

Manual Integrations
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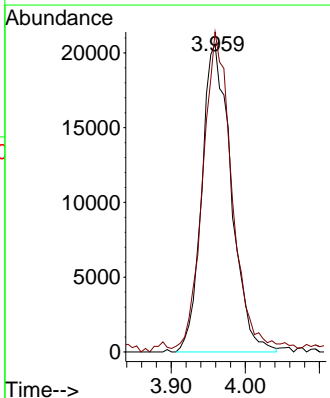
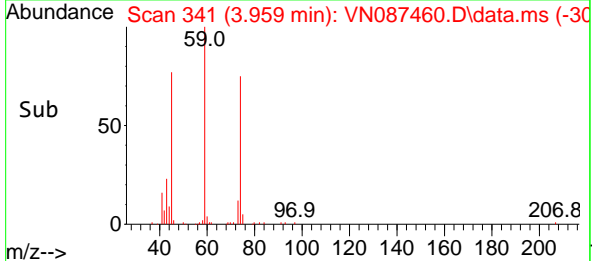
Reviewed By : John Carlone 08/06/2025
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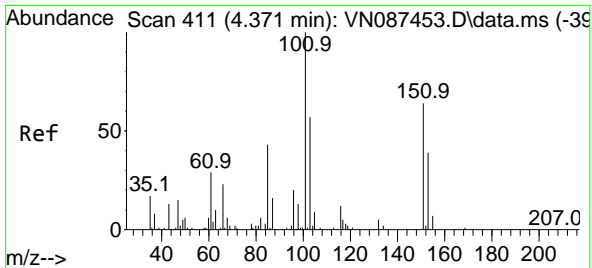


#8
 Diethyl Ether
 Concen: 19.526 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087460.D
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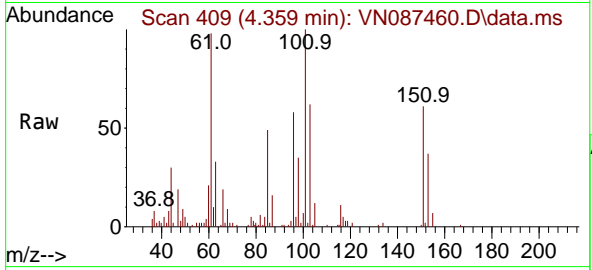
Tgt Ion: 74 Resp: 56764
 Ion Ratio Lower Upper
 74 100
 45 100.5 20.1 180.9





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.859 ug/l
 RT: 4.359 min Scan# 409
 Delta R.T. -0.012 min
 Lab File: VN087460.D
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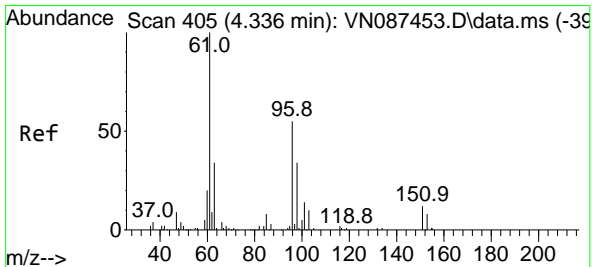
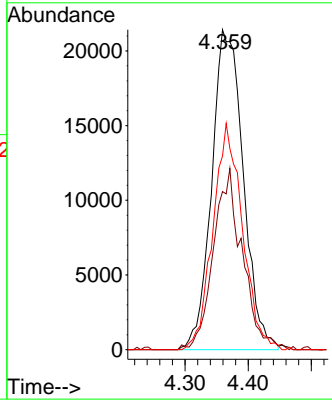
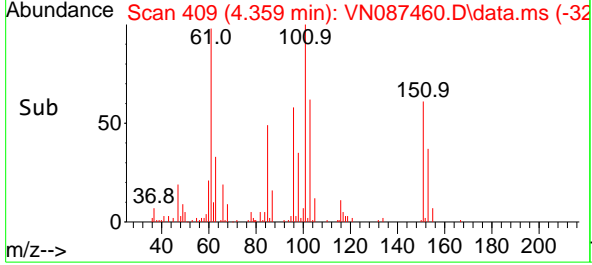
Instrument : MSVOA_N
 Client Sample Id : VN0805WBSD02



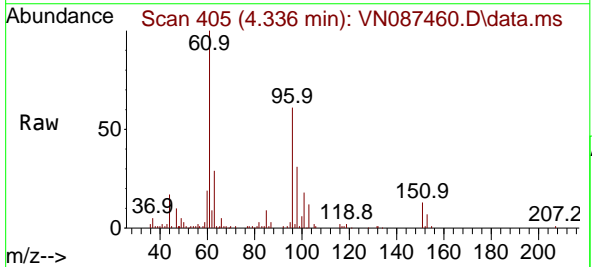
Tgt Ion: 101 Resp: 7422
 Ion Ratio Lower Upper
 101 100
 85 50.3 0.0 57.0
 151 66.2 0.0 134.2

Manual Integrations
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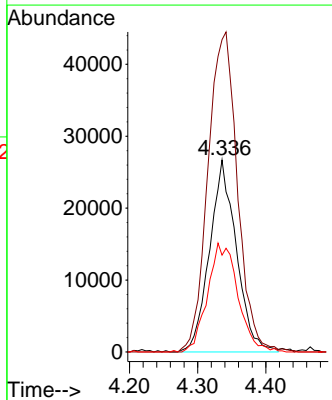
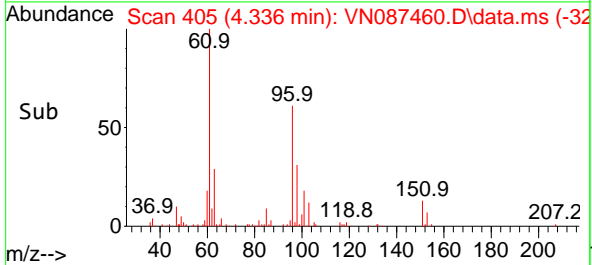
Reviewed By : John Carlone 08/06/2025
 Supervised By : Mahesh Dadoda 08/06/2025

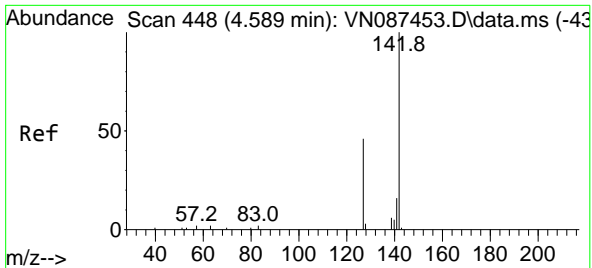


#10
 1,1-Dichloroethene
 Concen: 19.565 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



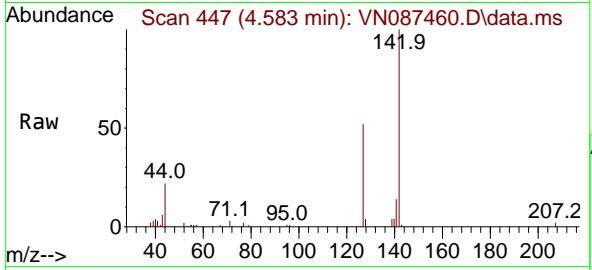
Tgt Ion: 96 Resp: 73129
 Ion Ratio Lower Upper
 96 100
 61 162.6 144.2 216.4
 98 50.4 49.7 74.5





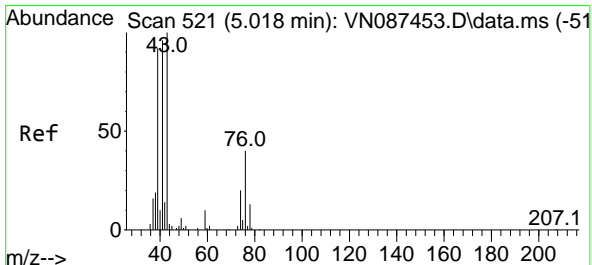
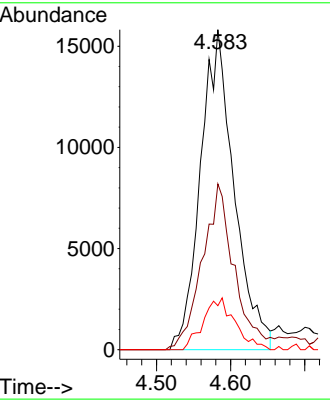
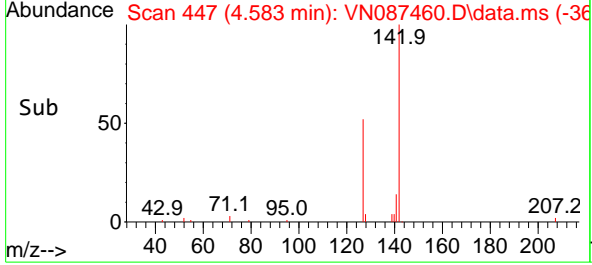
#11
 Methyl Iodide
 Concen: 16.930 ug/l
 RT: 4.583 min Scan# 447
 Delta R.T. -0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument : MSVOA_N
 Client Sample Id : VN0805WBSD02

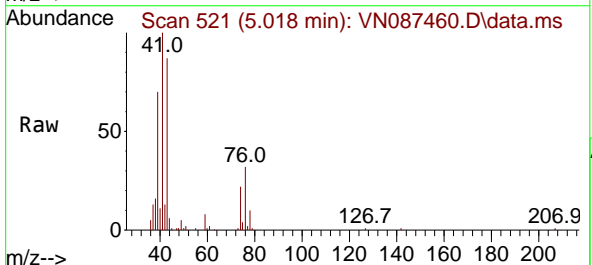


Tgt Ion: 142 Resp: 49820
 Ion Ratio Lower Upper
 142 100
 127 50.9 22.9 68.7
 141 14.2 7.7 23.1

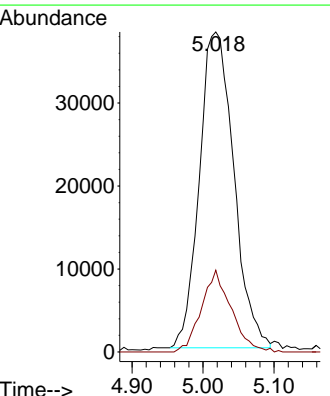
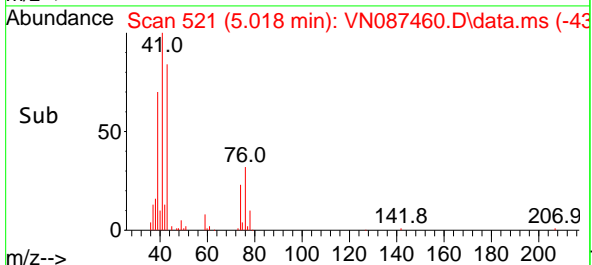
Manual Integrations
APPROVED
 Reviewed By : John Carlone 08/06/2025
 Supervised By : Mahesh Dadoda 08/06/2025

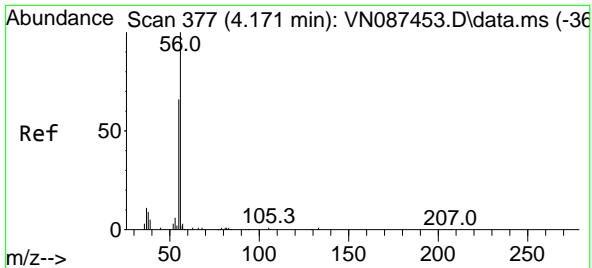


#12
 Methyl Acetate
 Concen: 18.593 ug/l
 RT: 5.018 min Scan# 521
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



Tgt Ion: 43 Resp: 128243
 Ion Ratio Lower Upper
 43 100
 74 25.4 16.0 24.0#





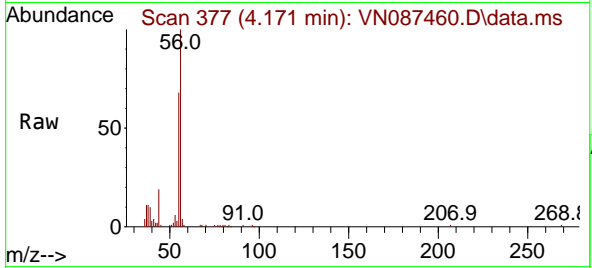
#13
 Acrolein
 Concen: 105.679 ug/l
 RT: 4.171 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBSD02

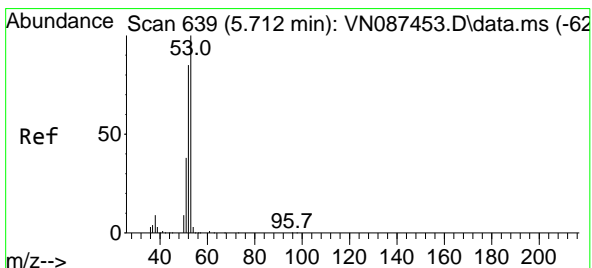
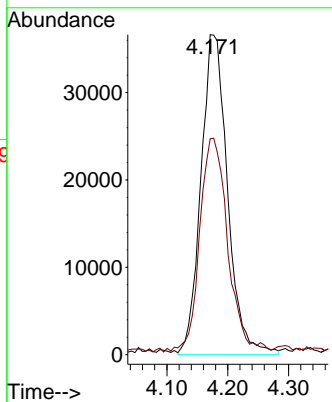
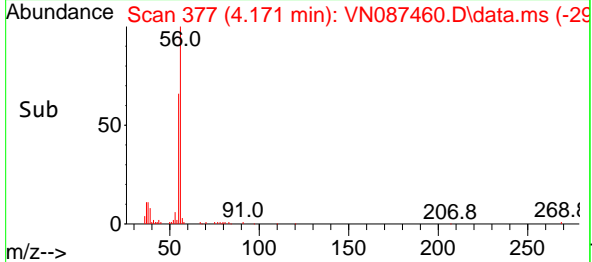


Tgt Ion: 56 Resp: 111329
 Ion Ratio Lower Upper
 56 100
 55 69.2 57.4 86.0

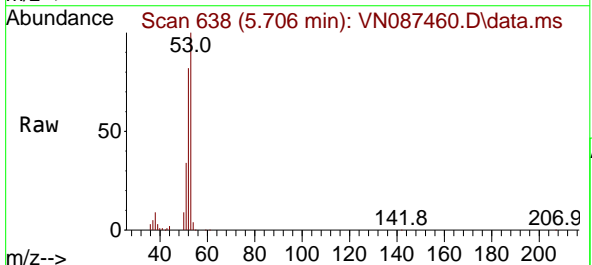
Manual Integrations

APPROVED

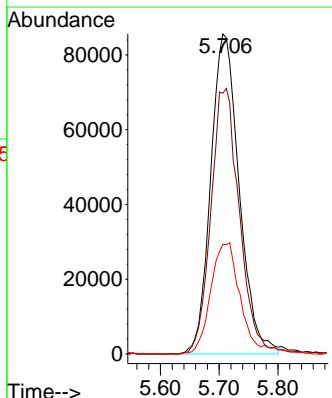
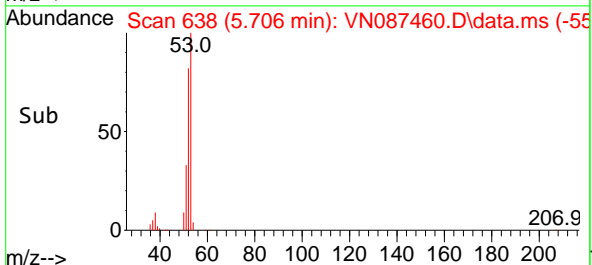
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

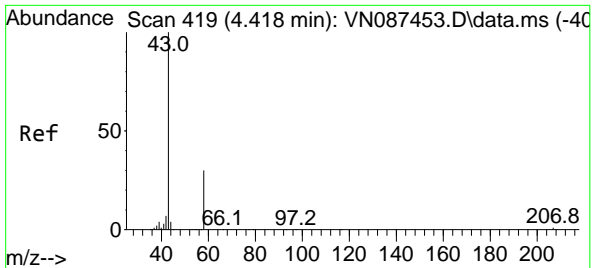


#14
 Acrylonitrile
 Concen: 95.582 ug/l
 RT: 5.706 min Scan# 638
 Delta R.T. -0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



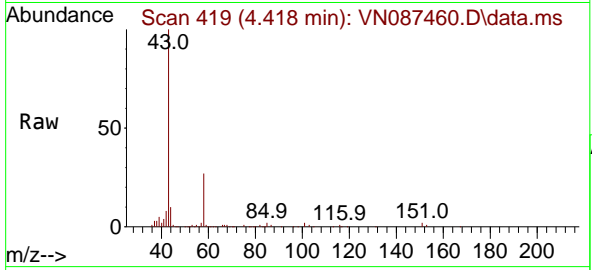
Tgt Ion: 53 Resp: 287878
 Ion Ratio Lower Upper
 53 100
 52 82.5 42.4 127.2
 51 35.0 18.5 55.5





#15
 Acetone
 Concen: 90.539 ug/l
 RT: 4.418 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

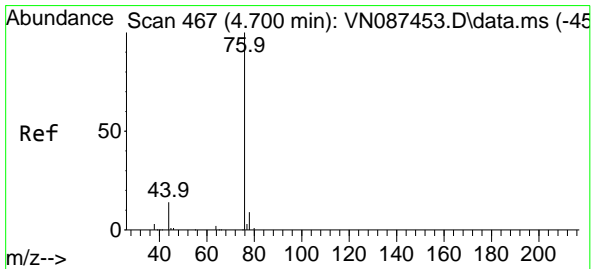
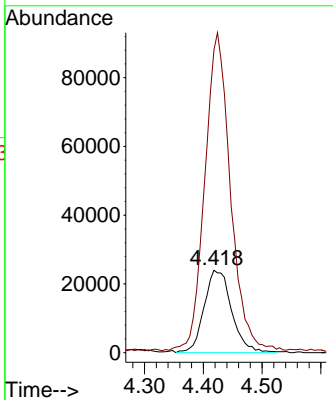
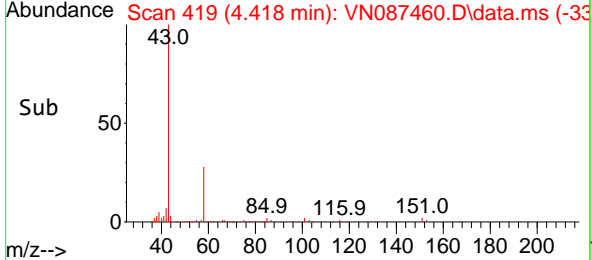
Instrument : MSVOA_N
 Client Sample Id : VN0805WBSD02



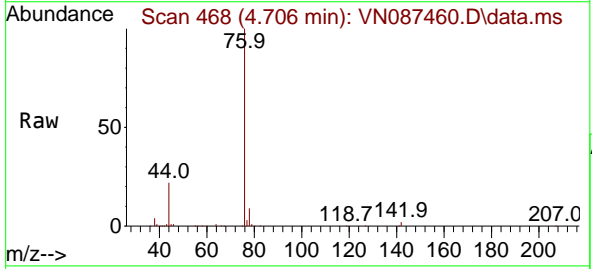
Tgt Ion: 58 Resp: 77914
 Ion Ratio Lower Upper
 58 100
 43 363.4 268.9 403.3

Manual Integrations
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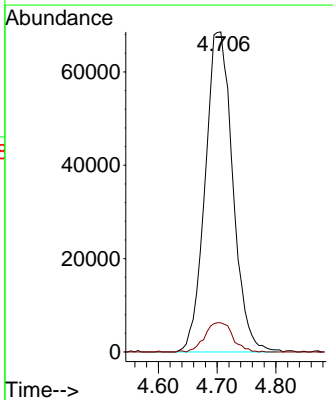
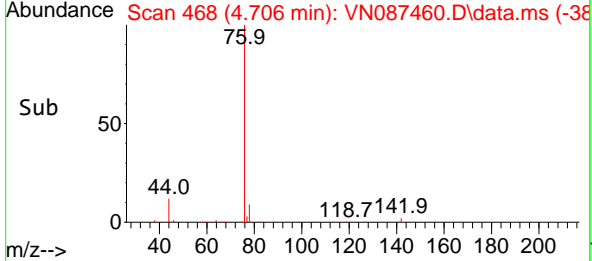
Reviewed By : John Carlone 08/06/2025
 Supervised By : Mahesh Dadoda 08/06/2025

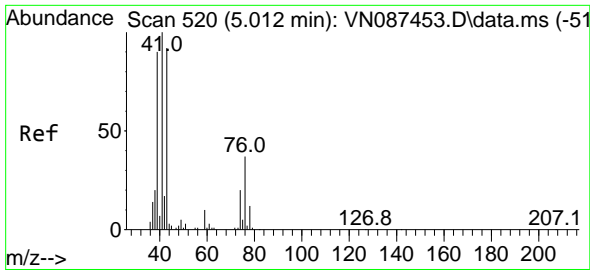


#16
 Carbon Disulfide
 Concen: 19.289 ug/l
 RT: 4.706 min Scan# 468
 Delta R.T. 0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



Tgt Ion: 76 Resp: 223633
 Ion Ratio Lower Upper
 76 100
 78 9.1 7.1 10.7





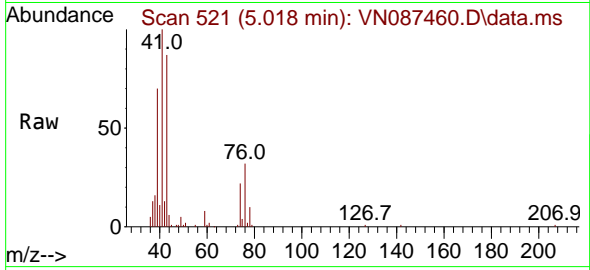
#17
 Allyl chloride
 Concen: 18.372 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBSD02



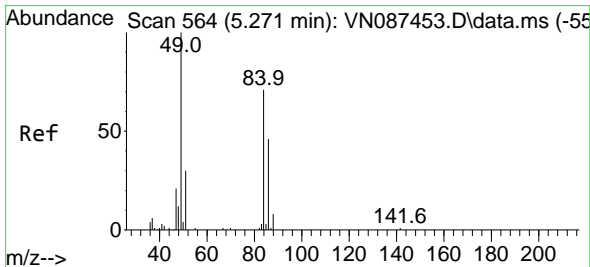
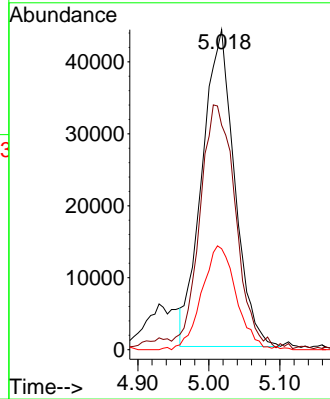
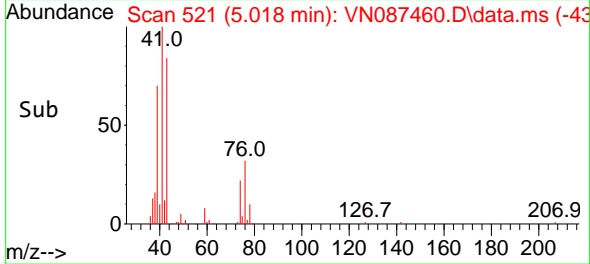
Tgt Ion: 41 Resp: 13996
 Ion Ratio Lower Upper
 41 100
 39 68.9 42.4 127.2
 76 31.5 16.9 50.6

Manual Integrations

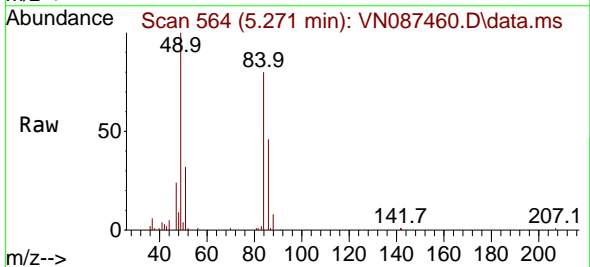
APPROVED

Reviewed By :John Carlone 08/06/2025

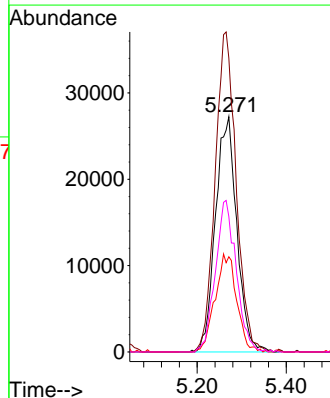
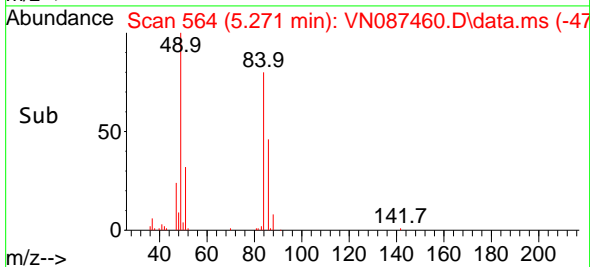
Supervised By :Mahesh Dadoda 08/06/2025

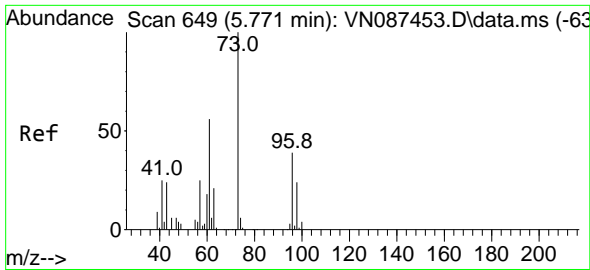


#18
 Methylene Chloride
 Concen: 18.860 ug/l m
 RT: 5.271 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



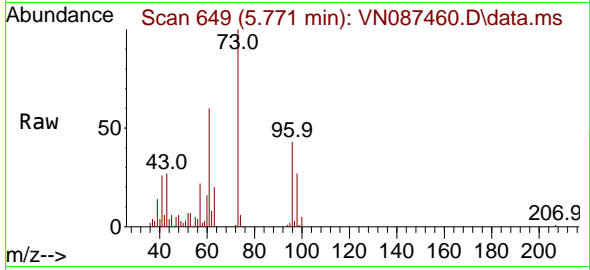
Tgt Ion: 84 Resp: 90747
 Ion Ratio Lower Upper
 84 100
 49 125.0 112.9 169.3
 51 40.4 33.8 50.8
 86 57.5 51.9 77.9





#19
 trans-1,2-Dichloroethene
 Concen: 18.504 ug/l
 RT: 5.771 min Scan# 649
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

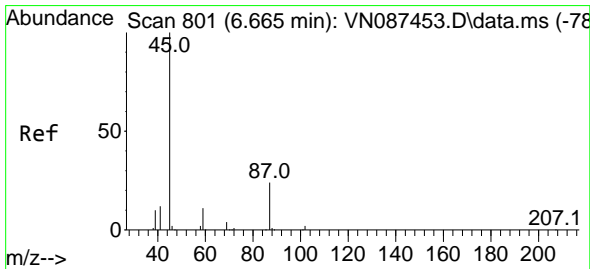
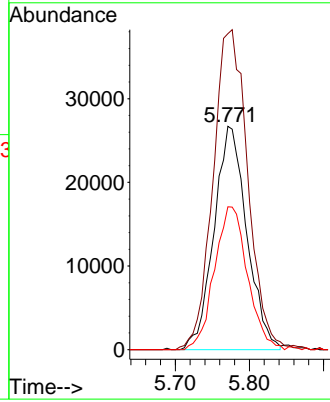
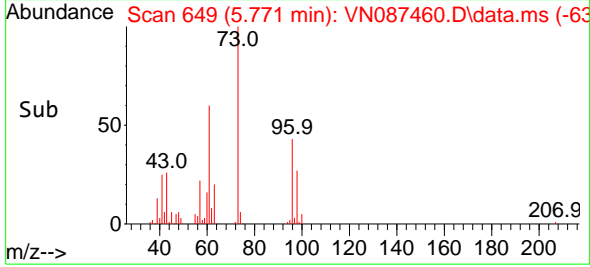
Instrument : MSVOA_N
 Client Sample Id : VN0805WBSD02



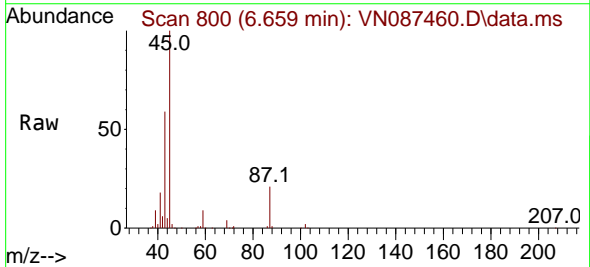
Tgt Ion: 96 Resp: 8224
 Ion Ratio Lower Upper
 96 100
 61 140.3 114.2 171.4
 98 64.0 48.7 73.1

Manual Integrations
APPROVED

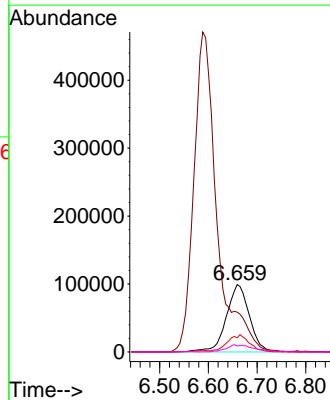
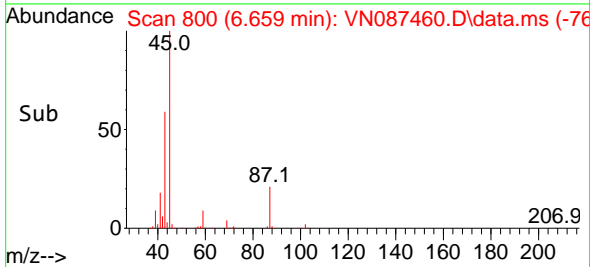
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

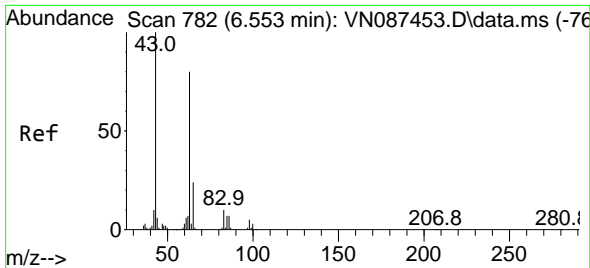


#20
 Diisopropyl ether
 Concen: 18.731 ug/l
 RT: 6.659 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



Tgt Ion: 45 Resp: 325076
 Ion Ratio Lower Upper
 45 100
 43 58.0 44.7 67.1
 87 20.8 20.2 30.2
 59 8.3 8.7 13.1#





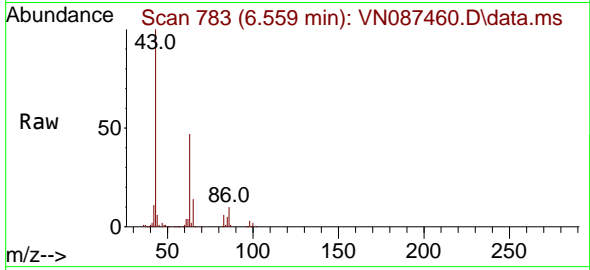
#21
 1,1-Dichloroethane
 Concen: 18.505 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument :

MSVOA_N

Client Sample Id :

VN0805WBSD02



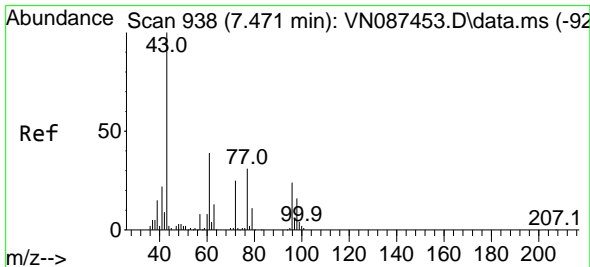
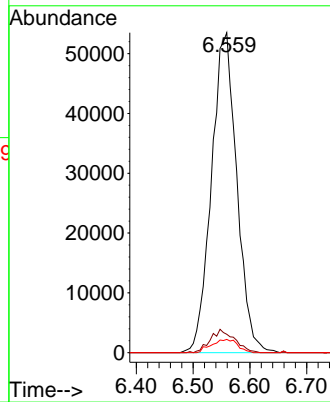
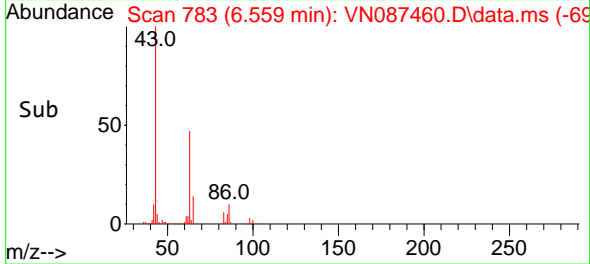
Tgt Ion: 63 Resp: 16601
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.0 9.0
 100 4.2 1.9 5.7

Manual Integrations

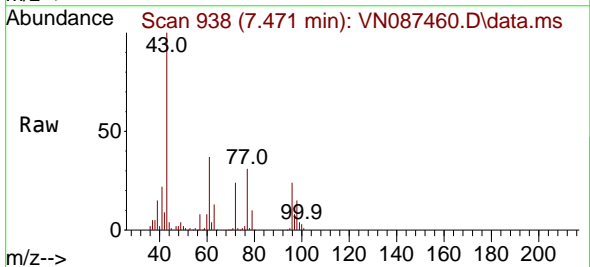
APPROVED

Reviewed By :John Carlone 08/06/2025

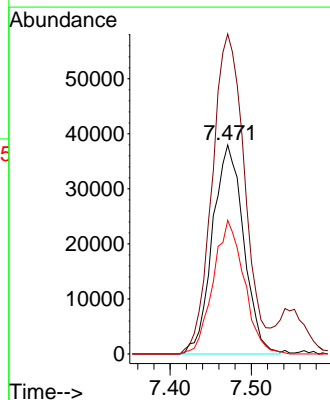
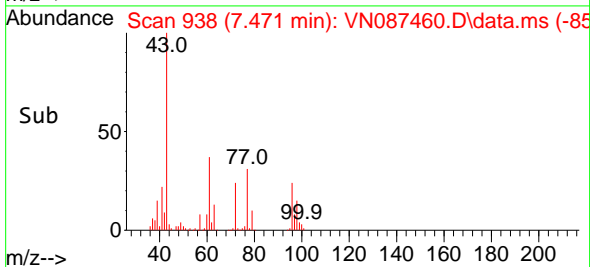
Supervised By :Mahesh Dadoda 08/06/2025

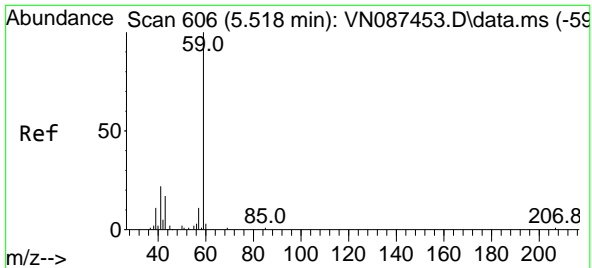


#22
 cis-1,2-Dichloroethene
 Concen: 18.523 ug/l
 RT: 7.471 min Scan# 938
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



Tgt Ion: 96 Resp: 101299
 Ion Ratio Lower Upper
 96 100
 61 160.0 126.6 190.0
 98 63.5 50.9 76.3





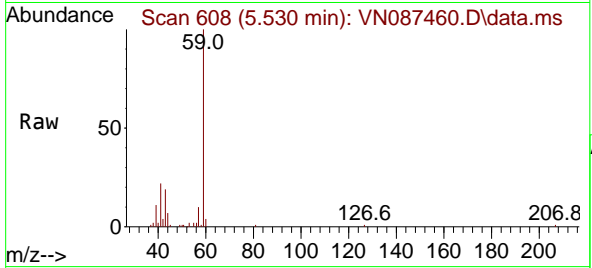
#23
 tert-Butyl Alcohol
 Concen: 98.131 ug/l m
 RT: 5.530 min Scan# 606
 Delta R.T. 0.012 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument :

MSVOA_N

Client Sample Id :

VN0805WBSD02



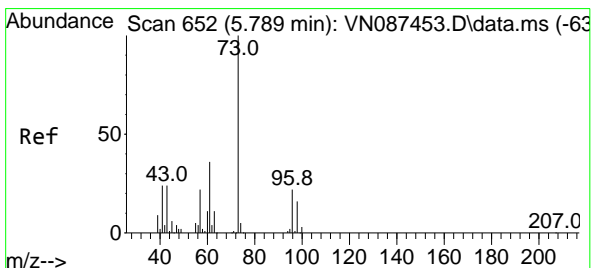
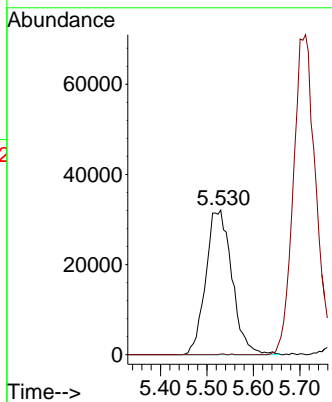
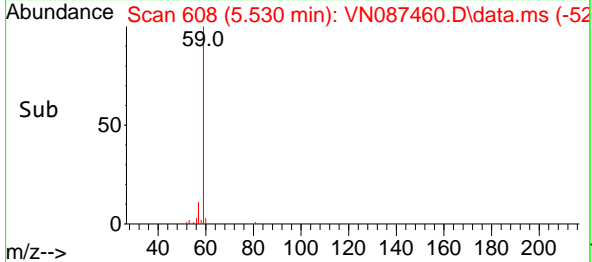
Tgt Ion: 59 Resp: 125590
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.0 0.0

Manual Integrations

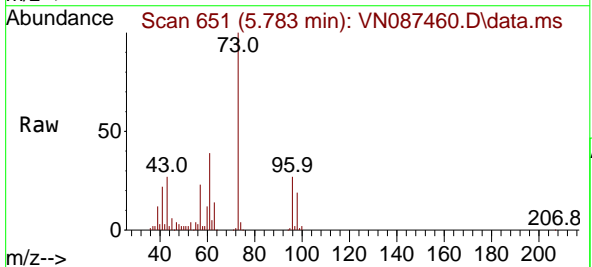
APPROVED

Reviewed By :John Carlone 08/06/2025

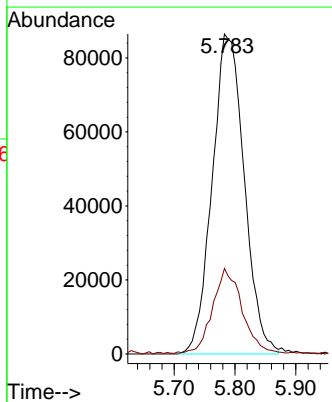
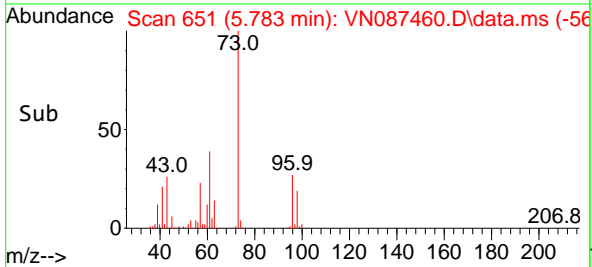
Supervised By :Mahesh Dadoda 08/06/2025

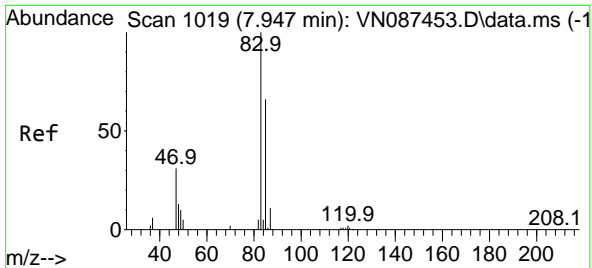


#24
 Methyl tert-Butyl Ether
 Concen: 18.548 ug/l
 RT: 5.783 min Scan# 651
 Delta R.T. -0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



Tgt Ion: 73 Resp: 315904
 Ion Ratio Lower Upper
 73 100
 43 23.9 19.9 29.9





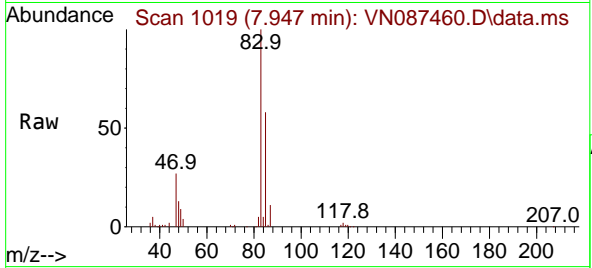
#25
 Chloroform
 Concen: 18.509 ug/l
 RT: 7.947 min Scan# 1019
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument :

MSVOA_N

Client Sample Id :

VN0805WBSD02



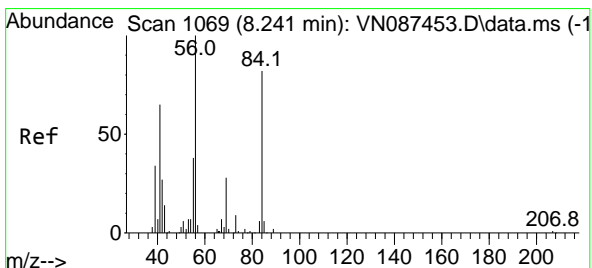
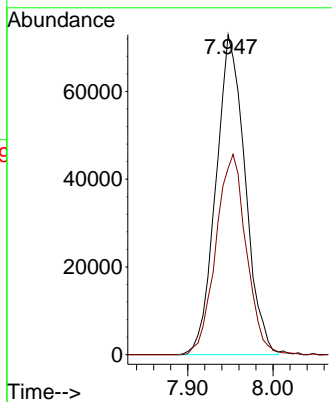
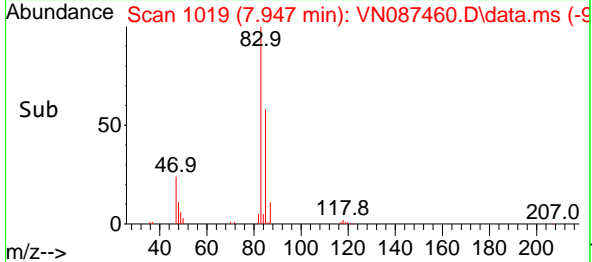
Tgt Ion: 83 Resp: 173319
 Ion Ratio Lower Upper
 83 100
 85 58.2 52.6 78.8

Manual Integrations

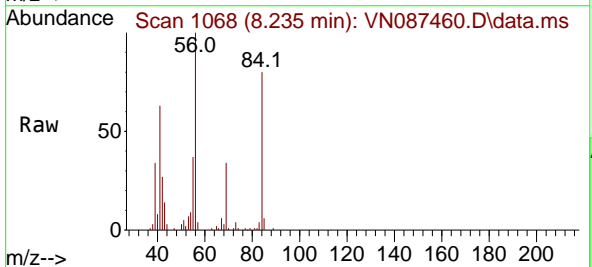
APPROVED

Reviewed By :John Carlone 08/06/2025

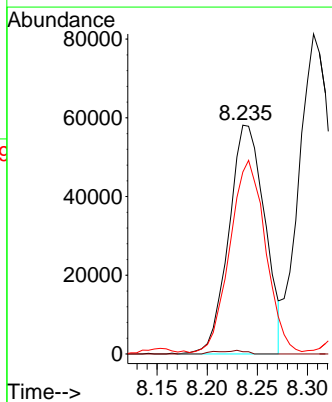
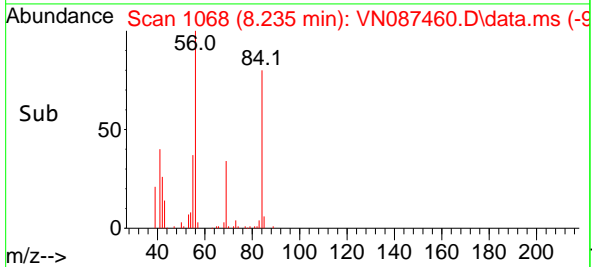
Supervised By :Mahesh Dadoda 08/06/2025

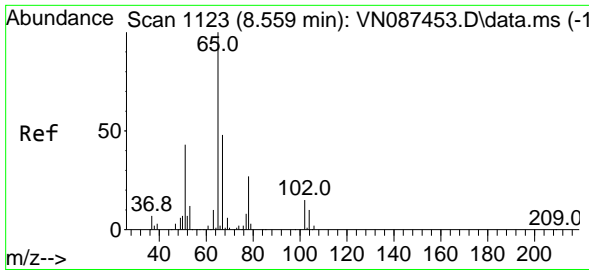


#26
 Cyclohexane
 Concen: 20.196 ug/l
 RT: 8.235 min Scan# 1068
 Delta R.T. -0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



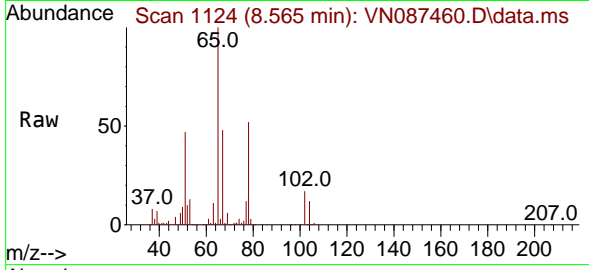
Tgt Ion: 56 Resp: 145058
 Ion Ratio Lower Upper
 56 100
 89 0.7 2.3 3.5#
 84 84.9 67.0 100.4





#27
 1,2-Dichloroethane-d4
 Concen: 30.773 ug/l
 RT: 8.565 min Scan# 1124
 Delta R.T. 0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

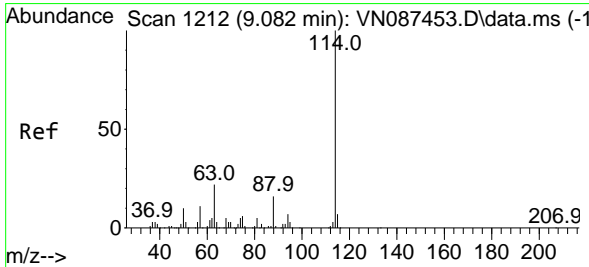
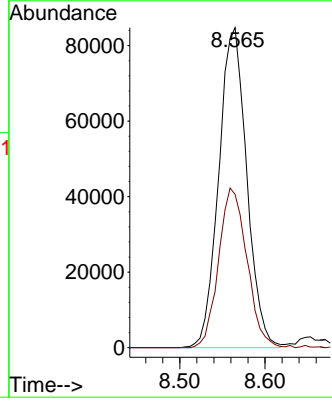
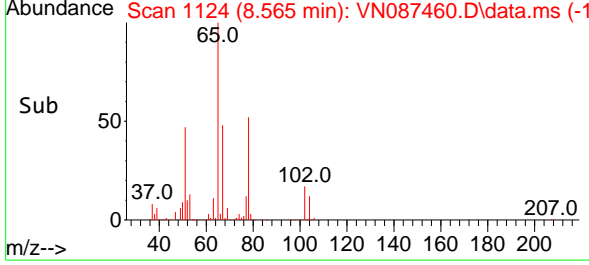
Instrument : MSVOA_N
 ClientSampleId : VN0805WBSD02



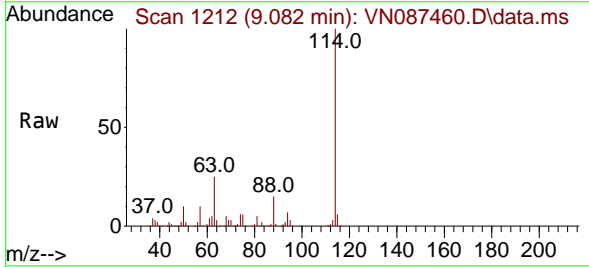
Tgt Ion: 65 Resp: 193699
 Ion Ratio Lower Upper
 65 100
 67 50.5 40.8 61.2

Manual Integrations
APPROVED

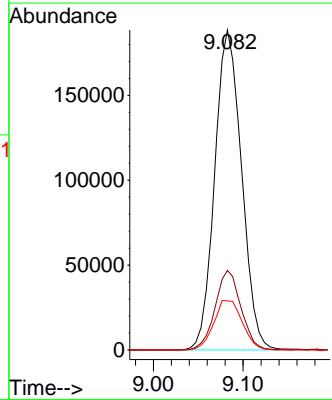
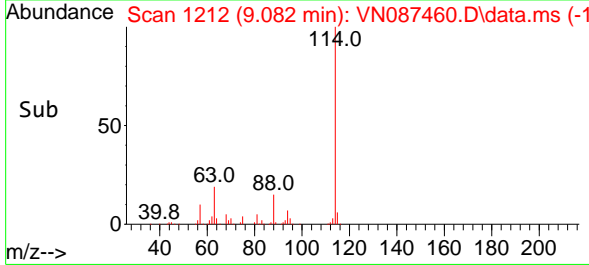
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

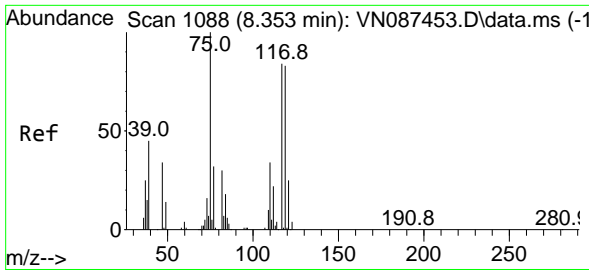


#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.082 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



Tgt Ion:114 Resp: 391524
 Ion Ratio Lower Upper
 114 100
 63 23.9 18.9 28.3
 88 16.4 13.1 19.7





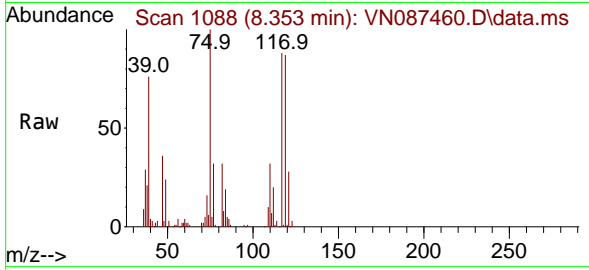
#29
 1,1-Dichloropropene
 Concen: 18.042 ug/l
 RT: 8.353 min Scan# 1088
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument :

MSVOA_N

Client Sample Id :

VN0805WBSD02



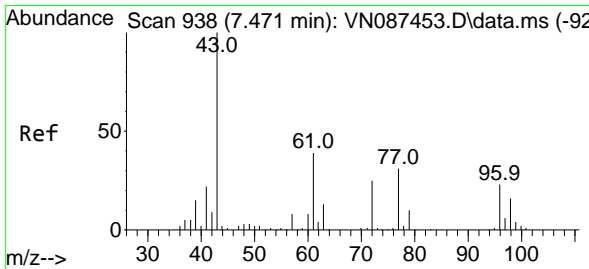
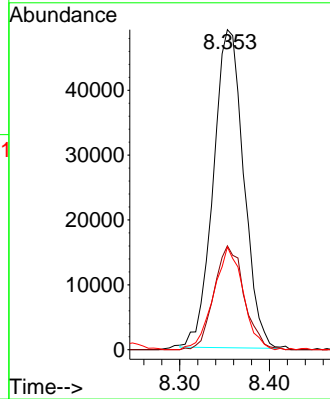
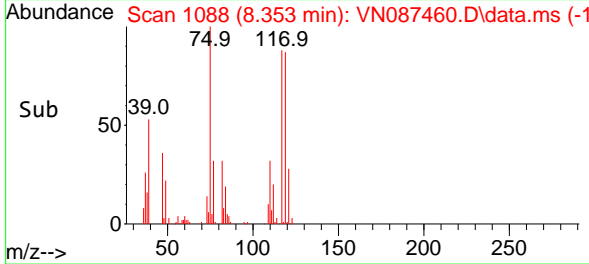
Tgt Ion: 75 Resp: 11521
 Ion Ratio Lower Upper
 75 100
 110 32.4 0.0 65.8
 77 31.3 0.0 63.6

Manual Integrations

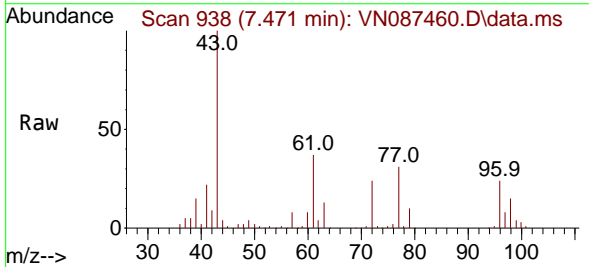
APPROVED

Reviewed By :John Carlone 08/06/2025

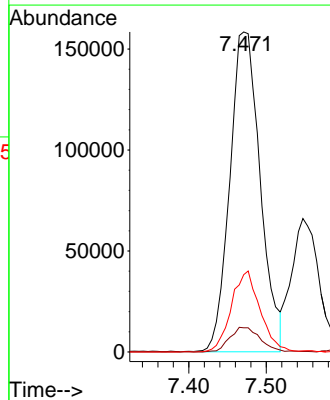
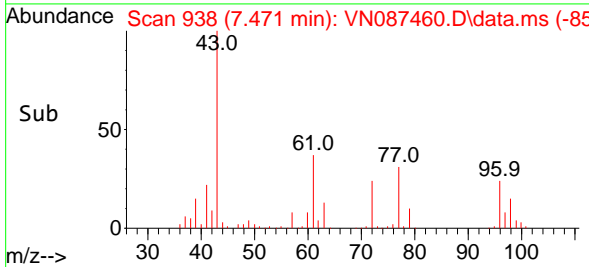
Supervised By :Mahesh Dadoda 08/06/2025

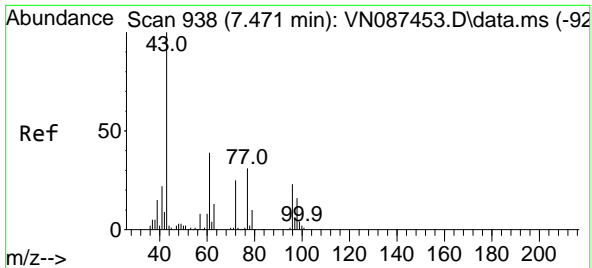


#30
 2-Butanone
 Concen: 92.033 ug/l
 RT: 7.471 min Scan# 938
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



Tgt Ion: 43 Resp: 433203
 Ion Ratio Lower Upper
 43 100
 57 7.7 6.6 9.8
 72 23.9 19.7 29.5





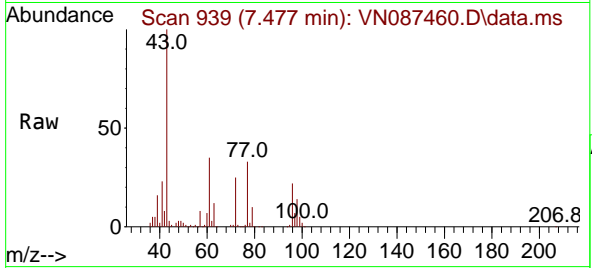
#31
 2,2-Dichloropropane
 Concen: 18.253 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument :

MSVOA_N

Client Sample Id :

VN0805WBSD02



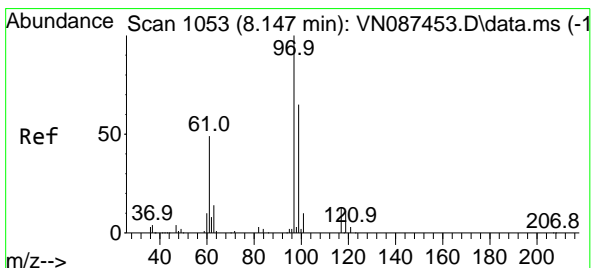
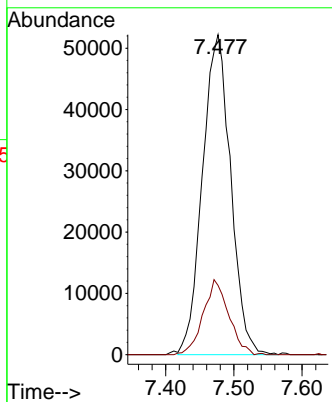
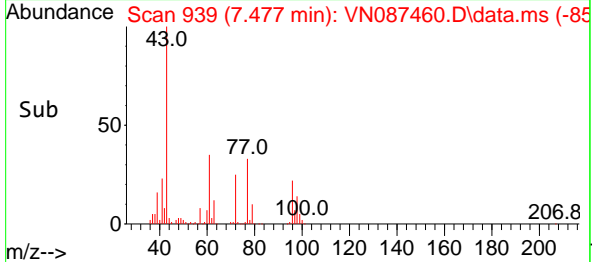
Tgt Ion: 77 Resp: 15033
 Ion Ratio Lower Upper
 77 100
 97 21.2 16.7 25.1

Manual Integrations

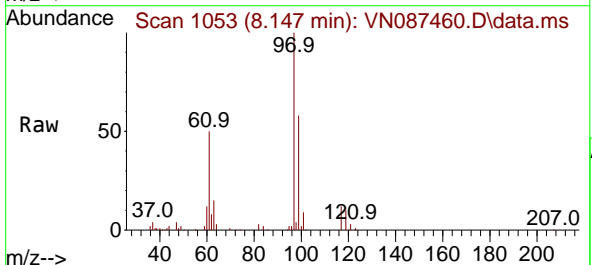
APPROVED

Reviewed By :John Carlone 08/06/2025

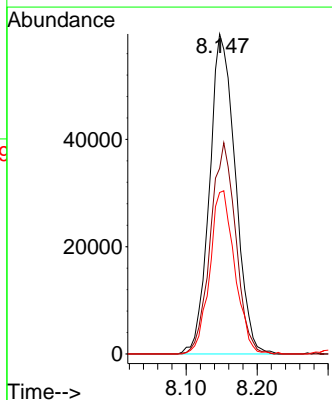
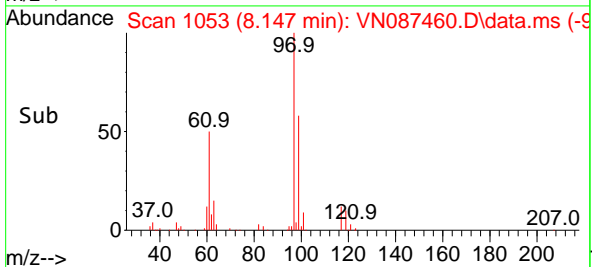
Supervised By :Mahesh Dadoda 08/06/2025

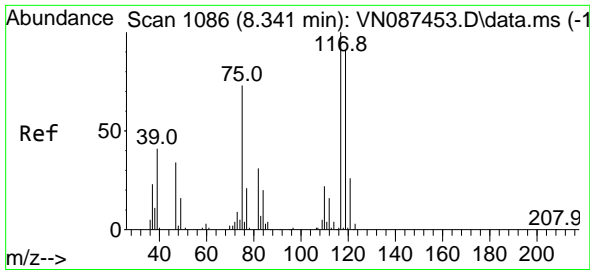


#32
 1,1,1-Trichloroethane
 Concen: 18.508 ug/l
 RT: 8.147 min Scan# 1053
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



Tgt Ion: 97 Resp: 150740
 Ion Ratio Lower Upper
 97 100
 99 64.5 53.0 79.6
 61 49.3 40.6 61.0





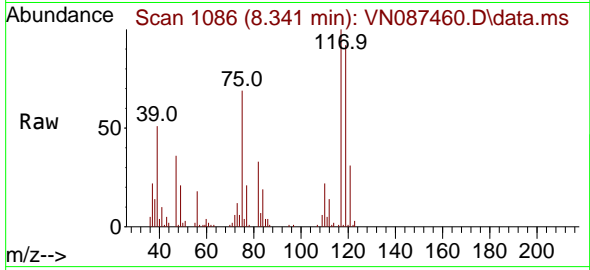
#33
 Carbon Tetrachloride
 Concen: 18.359 ug/l
 RT: 8.341 min Scan# 1086
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument :

MSVOA_N

Client Sample Id :

VN0805WBSD02



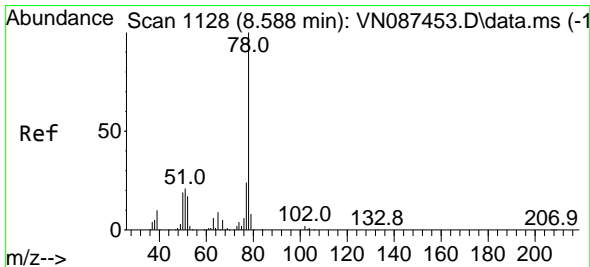
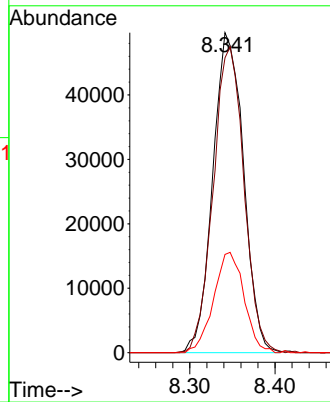
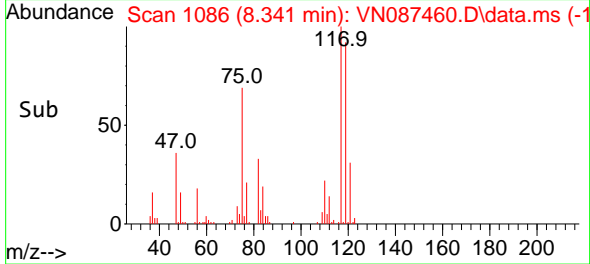
Tgt Ion: 117 Resp: 124218
 Ion Ratio Lower Upper
 117 100
 119 91.8 73.4 110.0
 121 30.7 21.1 31.7

Manual Integrations

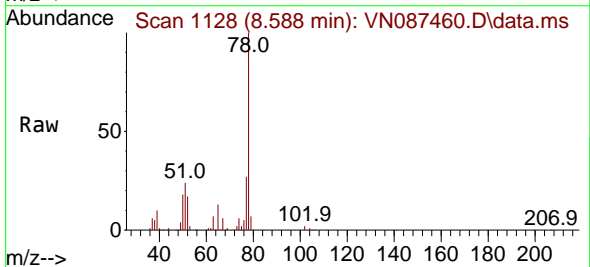
APPROVED

Reviewed By : John Carlone 08/06/2025

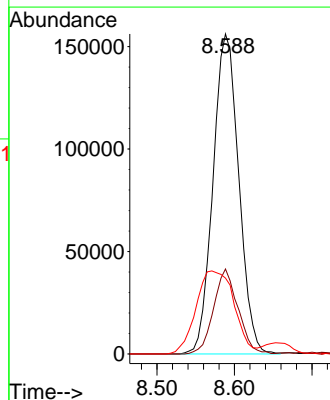
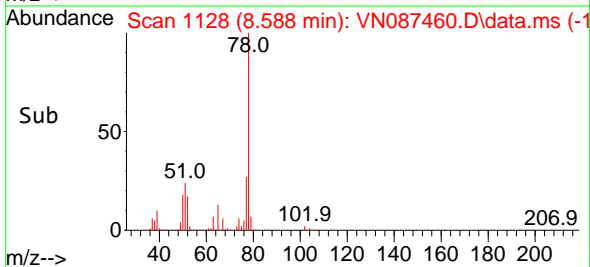
Supervised By : Mahesh Dadoda 08/06/2025

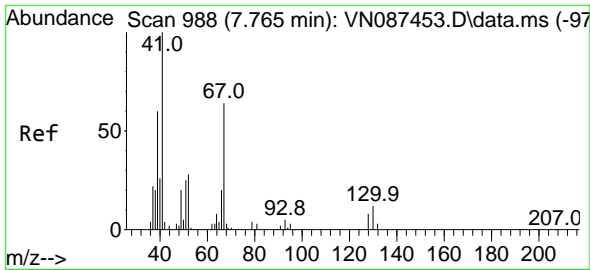


#34
 Benzene
 Concen: 17.895 ug/l
 RT: 8.588 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



Tgt Ion: 78 Resp: 360734
 Ion Ratio Lower Upper
 78 100
 77 26.6 19.2 28.8
 51 21.4 16.9 25.3





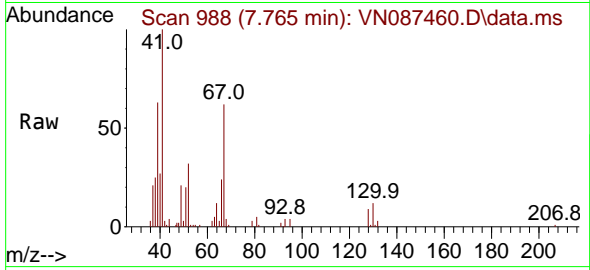
#35
 Methacrylonitrile
 Concen: 18.724 ug/l
 RT: 7.765 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBSD02



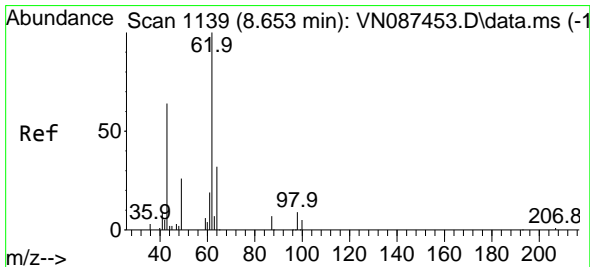
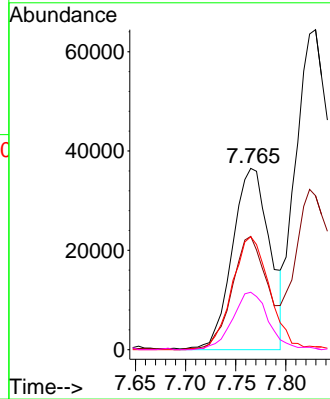
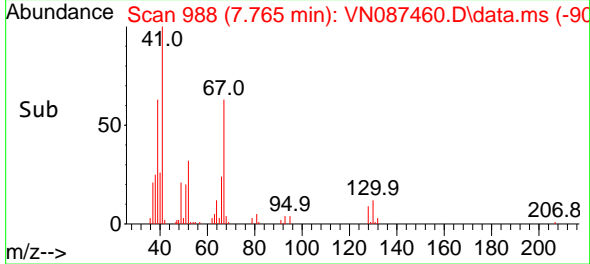
Tgt Ion: 41 Resp: 9511
 Ion Ratio Lower Upper
 41 100
 39 62.8 30.1 90.5
 67 62.6 32.0 96.2
 52 31.9 14.0 42.0

Manual Integrations

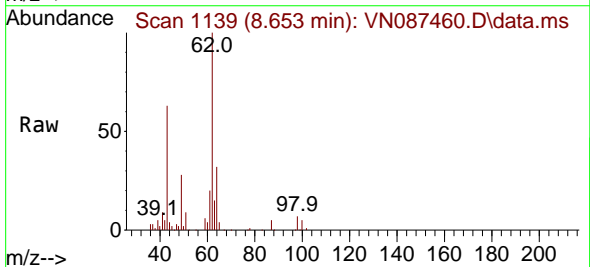
APPROVED

Reviewed By :John Carlone 08/06/2025

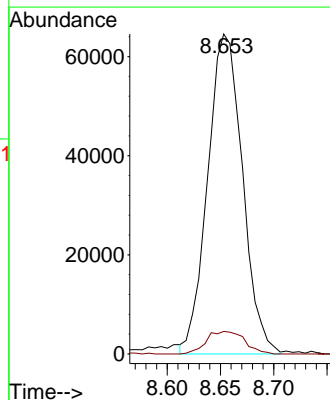
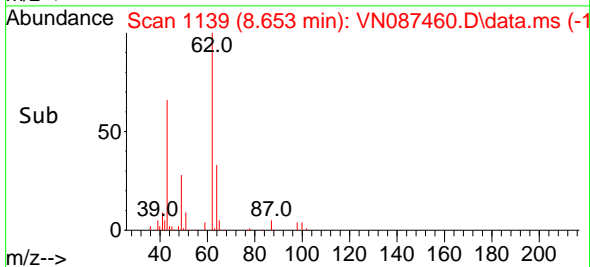
Supervised By :Mahesh Dadoda 08/06/2025

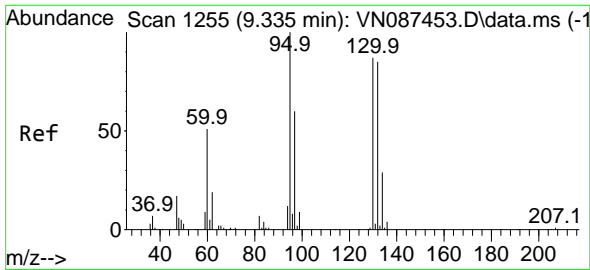


#36
 1,2-Dichloroethane
 Concen: 18.028 ug/l
 RT: 8.653 min Scan# 1139
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



Tgt Ion: 62 Resp: 146883
 Ion Ratio Lower Upper
 62 100
 98 3.0 6.6 9.8#





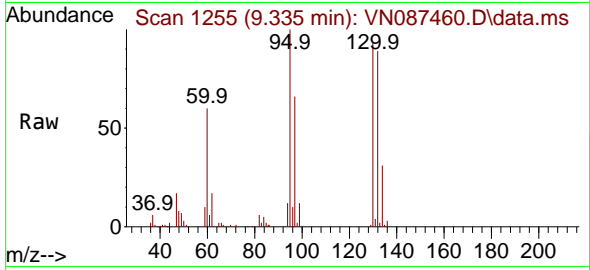
#37
 Trichloroethene
 Concen: 18.084 ug/l
 RT: 9.335 min Scan# 1255
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBSD02



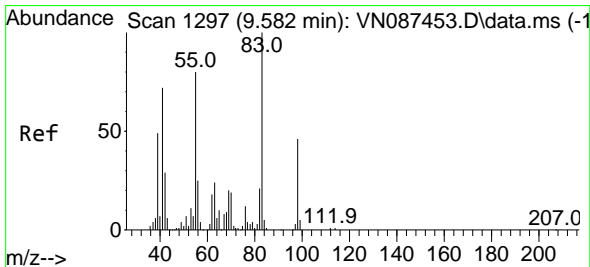
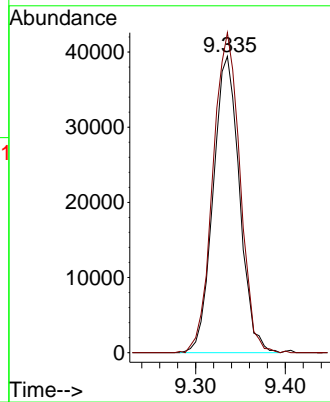
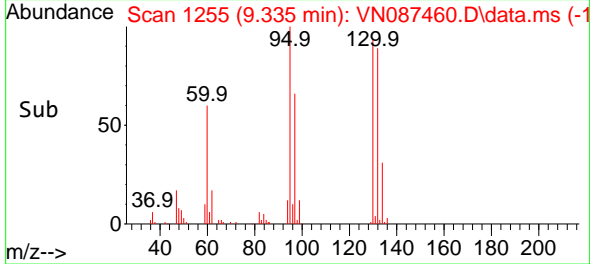
Tgt Ion:130 Resp: 80299
 Ion Ratio Lower Upper
 130 100
 95 108.0 91.4 137.2

Manual Integrations

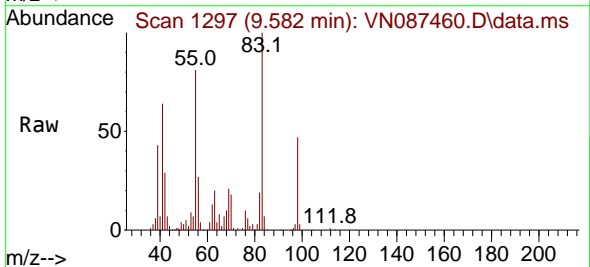
APPROVED

Reviewed By :John Carlone 08/06/2025

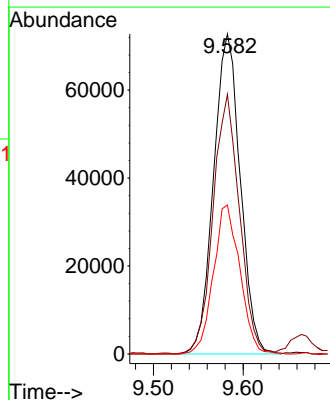
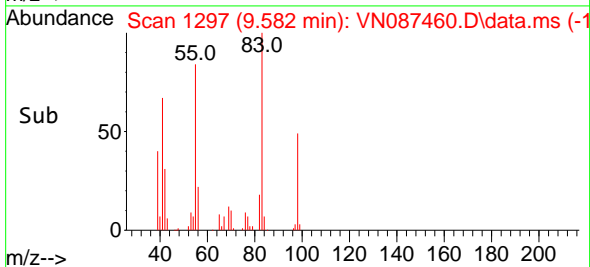
Supervised By :Mahesh Dadoda 08/06/2025

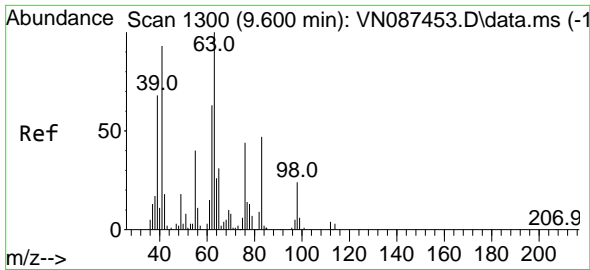


#38
 Methylcyclohexane
 Concen: 20.326 ug/l
 RT: 9.582 min Scan# 1297
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



Tgt Ion: 83 Resp: 150575
 Ion Ratio Lower Upper
 83 100
 55 79.9 41.2 123.6
 98 46.2 23.3 69.9





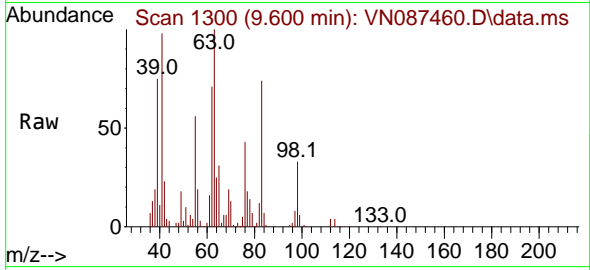
#39
 1,2-Dichloropropane
 Concen: 17.901 ug/l
 RT: 9.600 min Scan# 1300
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBSD02



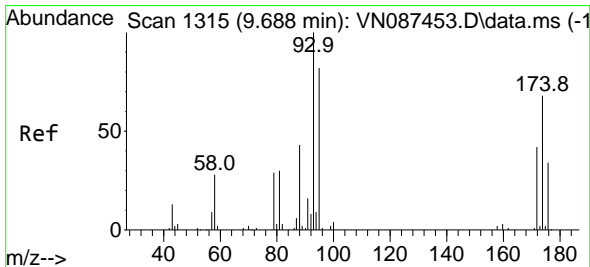
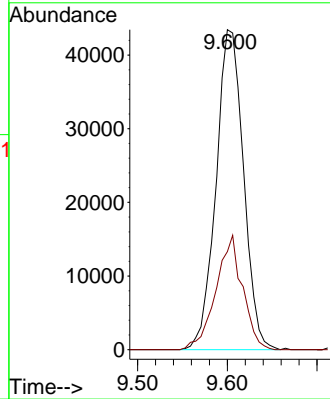
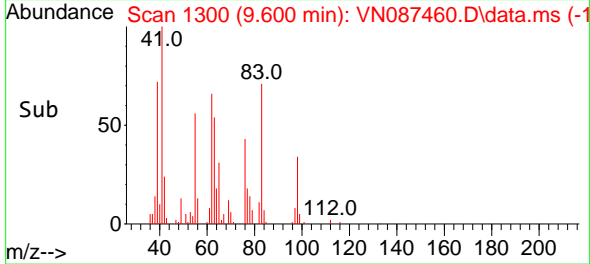
Tgt Ion: 63 Resp: 9251
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.6 36.8

Manual Integrations

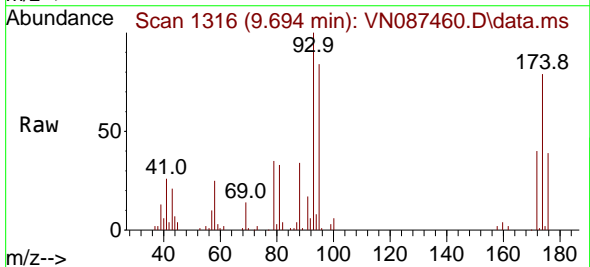
APPROVED

Reviewed By :John Carlone 08/06/2025

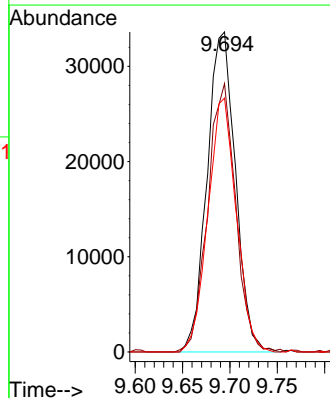
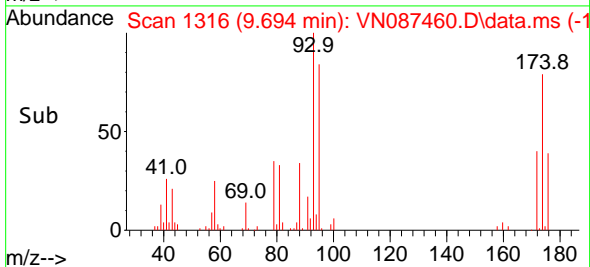
Supervised By :Mahesh Dadoda 08/06/2025

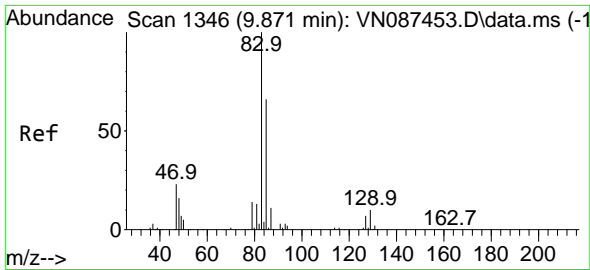


#40
 Dibromomethane
 Concen: 18.088 ug/l
 RT: 9.694 min Scan# 1316
 Delta R.T. 0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



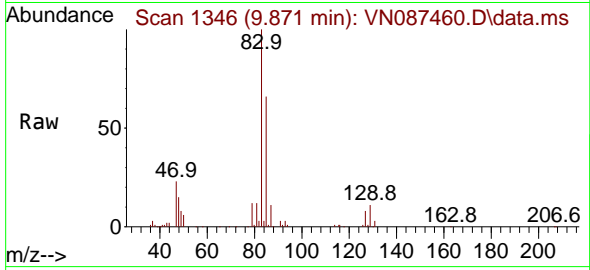
Tgt Ion: 93 Resp: 70139
 Ion Ratio Lower Upper
 93 100
 95 82.3 0.0 161.6
 174 79.2 0.0 151.4





#41
 Bromodichloromethane
 Concen: 17.367 ug/l
 RT: 9.871 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

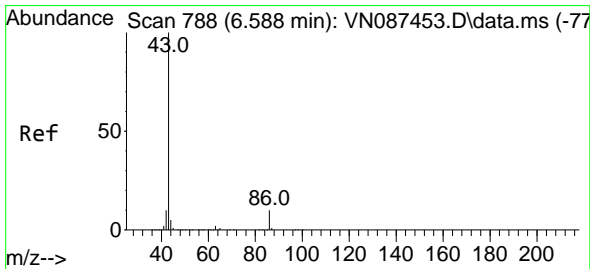
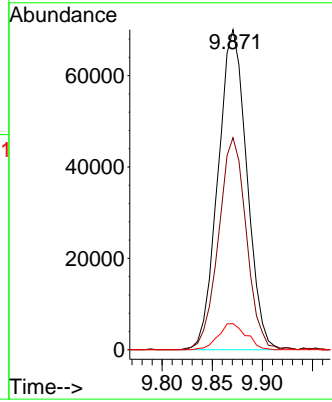
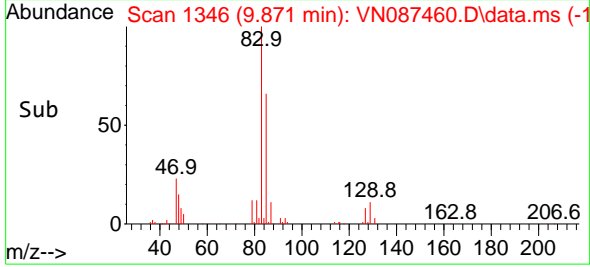
Instrument : MSVOA_N
 Client Sample Id : VN0805WBSD02



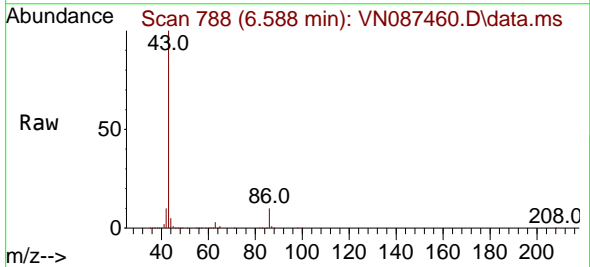
Tgt Ion: 83 Resp: 13994
 Ion Ratio Lower Upper
 83 100
 85 66.2 52.9 79.3
 127 8.2 5.8 8.6

Manual Integrations
APPROVED

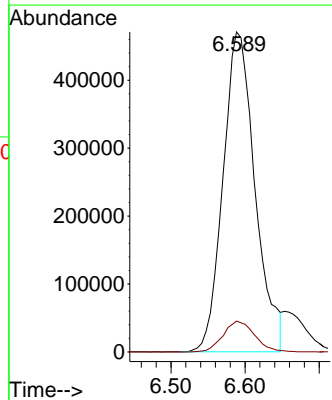
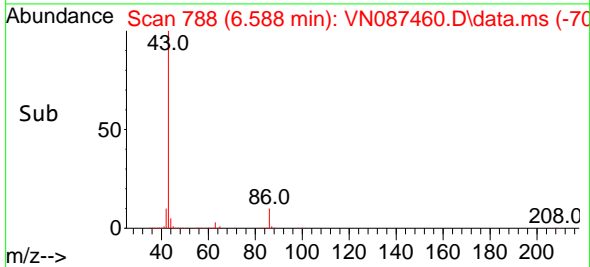
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

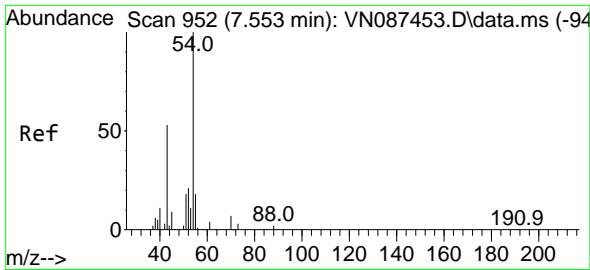


#42
 Vinyl Acetate
 Concen: 91.216 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



Tgt Ion: 43 Resp: 1413954
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.3 10.9





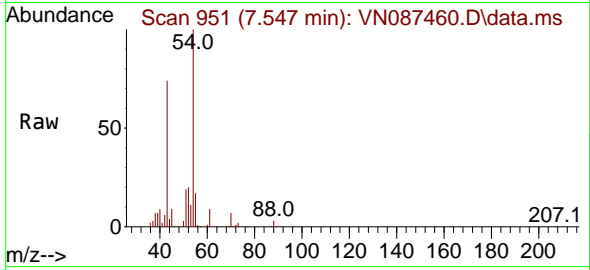
#43
 Ethyl Acetate
 Concen: 18.415 ug/l
 RT: 7.547 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBSD02



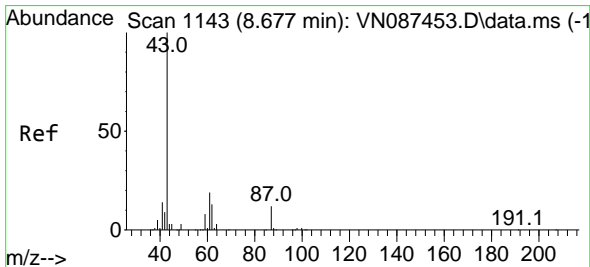
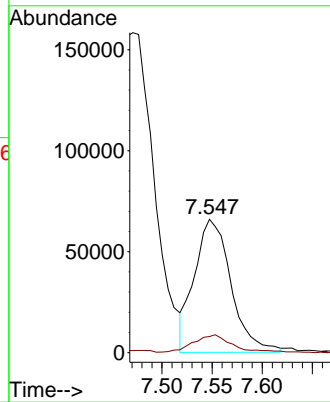
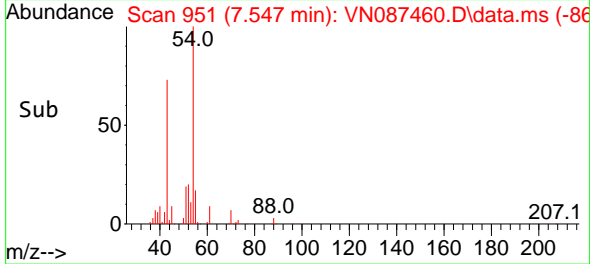
Tgt Ion: 43 Resp: 16746
 Ion Ratio Lower Upper
 43 100
 45 12.4 11.1 16.7

Manual Integrations

APPROVED

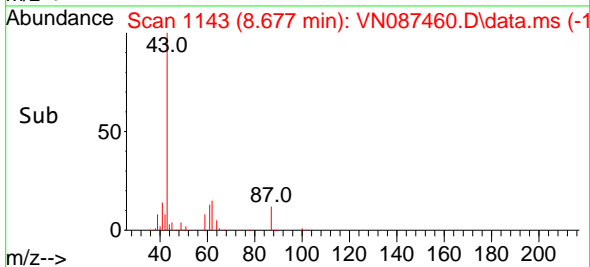
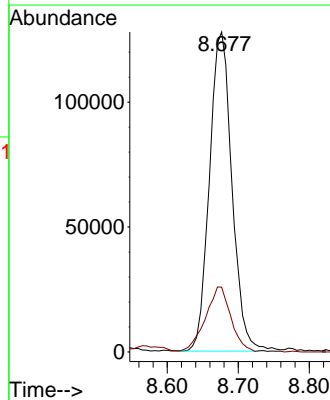
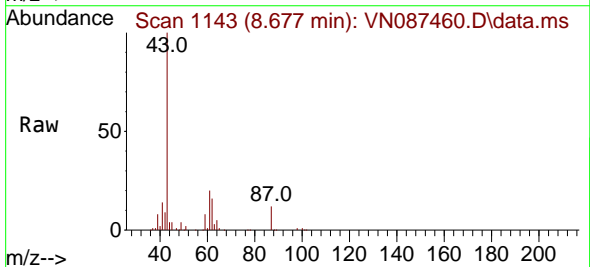
Reviewed By :John Carlone 08/06/2025

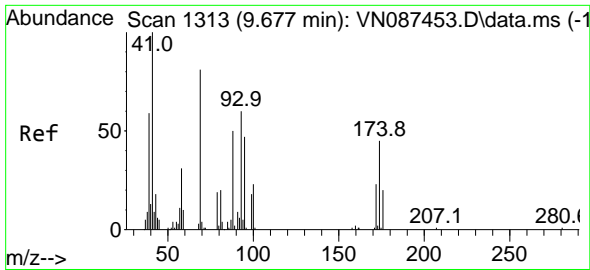
Supervised By :Mahesh Dadoda 08/06/2025



#44
 Isopropyl Acetate
 Concen: 18.241 ug/l
 RT: 8.677 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

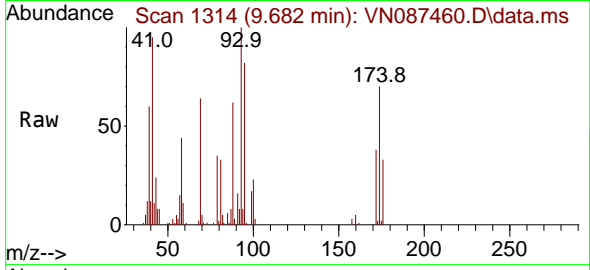
Tgt Ion: 43 Resp: 281180
 Ion Ratio Lower Upper
 43 100
 61 22.7 18.6 28.0





#45
 1,4-Dioxane
 Concen: 396.299 ug/l
 RT: 9.682 min Scan# 1314
 Delta R.T. 0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

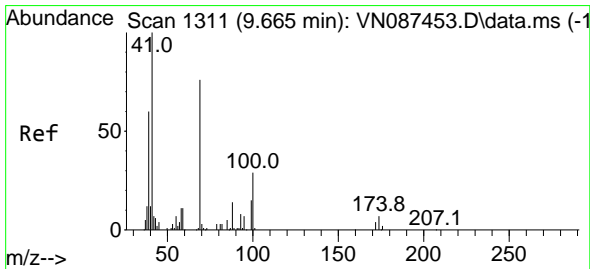
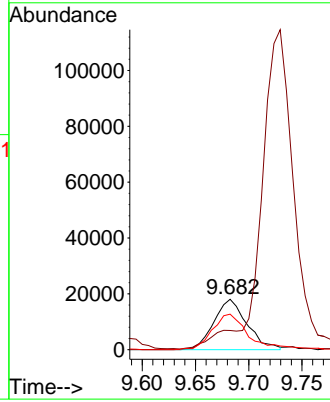
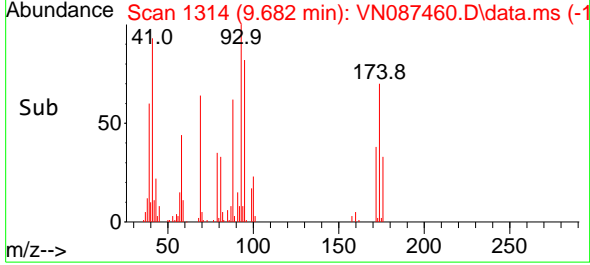
Instrument : MSVOA_N
 ClientSampleId : VN0805WBSD02



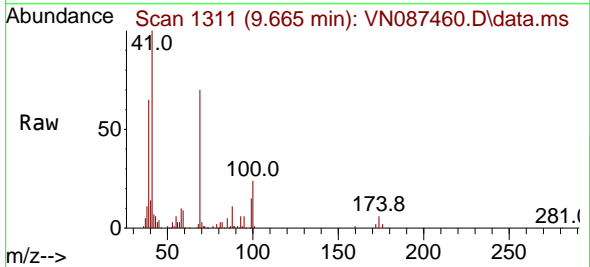
Tgt Ion: 88 Resp: 3894
 Ion Ratio Lower Upper
 88 100
 43 31.9 24.1 36.1
 58 75.9 57.2 85.8

Manual Integrations
 APPROVED

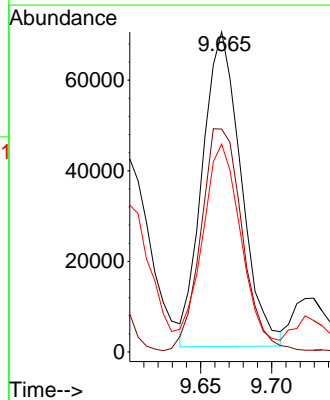
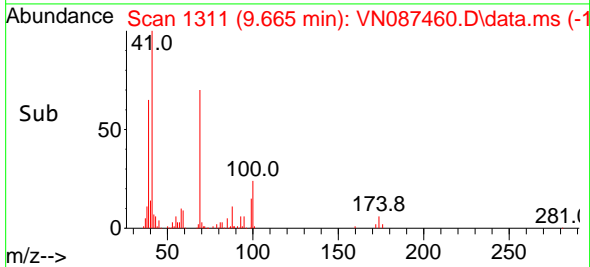
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

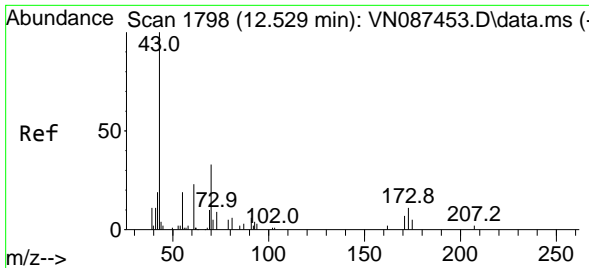


#46
 Methyl methacrylate
 Concen: 17.995 ug/l
 RT: 9.665 min Scan# 1311
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



Tgt Ion: 41 Resp: 130935
 Ion Ratio Lower Upper
 41 100
 69 72.2 37.1 111.5
 39 65.5 30.7 92.1





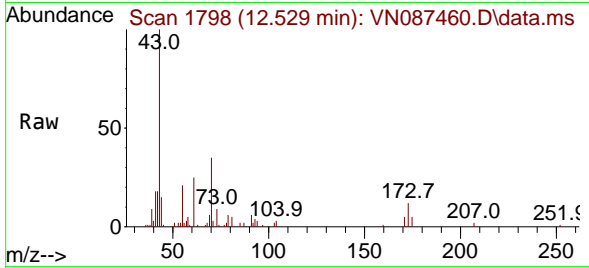
#47
 n-amy1 Acetate
 Concen: 18.824 ug/l m
 RT: 12.529 min Scan# 1798
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBSD02



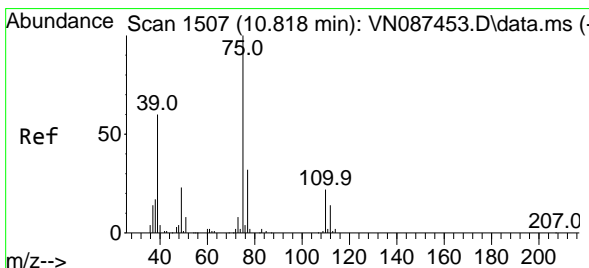
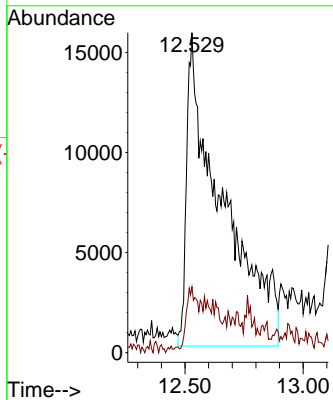
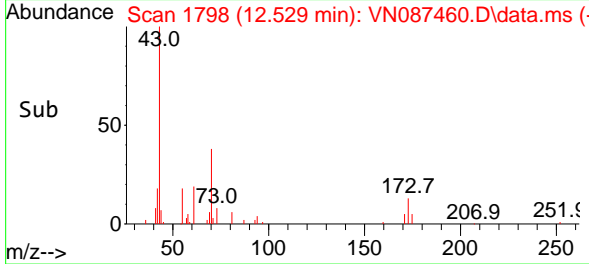
Tgt Ion: 43 Resp: 160288
 Ion Ratio Lower Upper
 43 100
 55 3.8 4.6 6.8

Manual Integrations

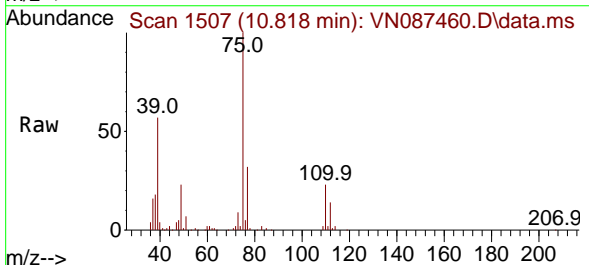
APPROVED

Reviewed By :John Carlone 08/06/2025

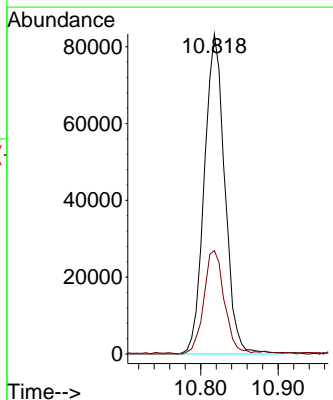
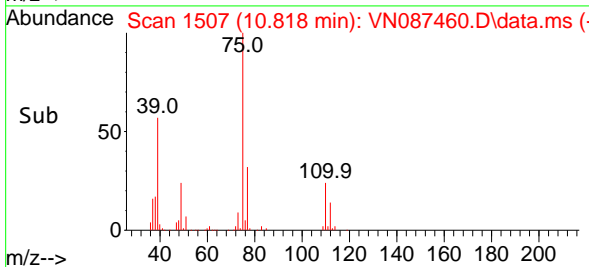
Supervised By :Mahesh Dadoda 08/06/2025

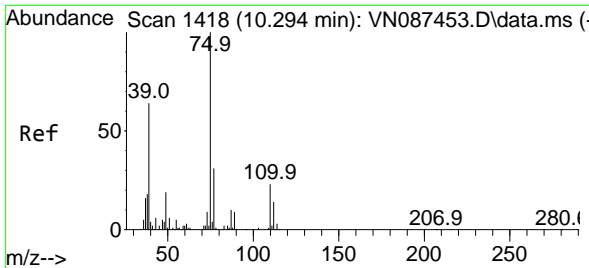


#48
 t-1,3-Dichloropropene
 Concen: 17.400 ug/l
 RT: 10.818 min Scan# 1507
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



Tgt Ion: 75 Resp: 152532
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.3 37.9





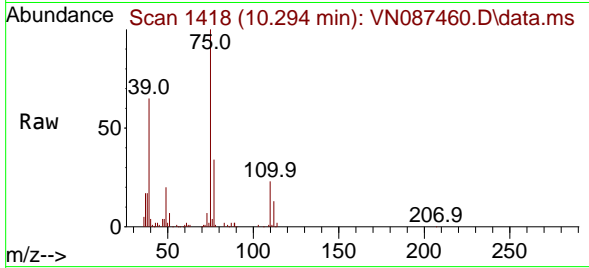
#49
 cis-1,3-Dichloropropene
 Concen: 17.931 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBSD02



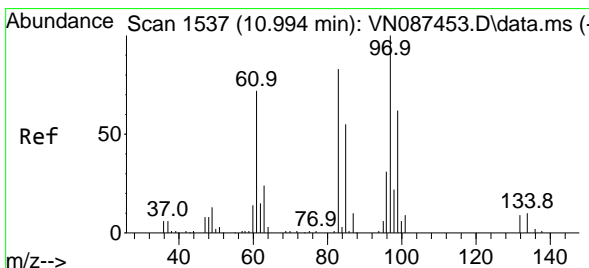
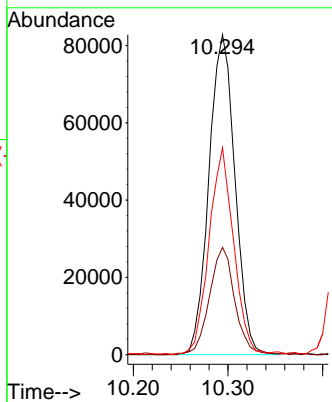
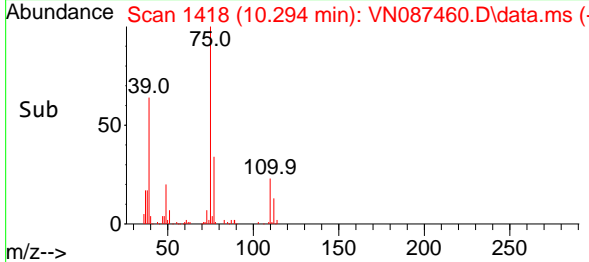
Tgt Ion: 75 Resp: 158190
 Ion Ratio Lower Upper
 75 100
 77 33.4 24.6 36.8
 39 64.2 51.5 77.3

Manual Integrations

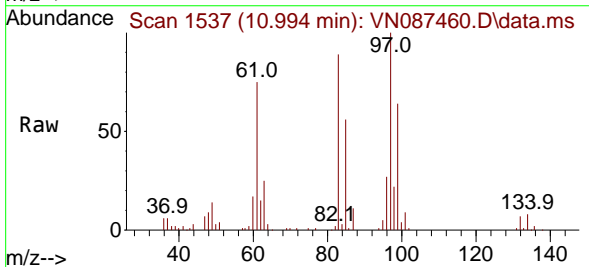
APPROVED

Reviewed By :John Carlone 08/06/2025

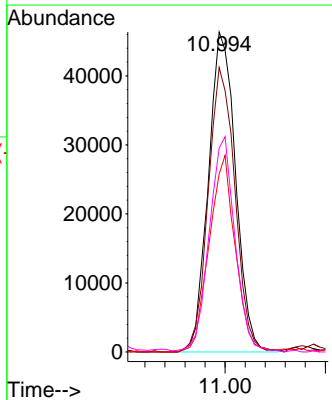
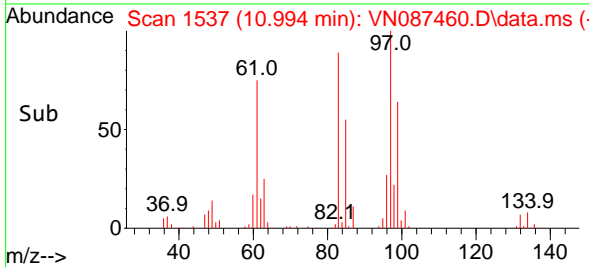
Supervised By :Mahesh Dadoda 08/06/2025

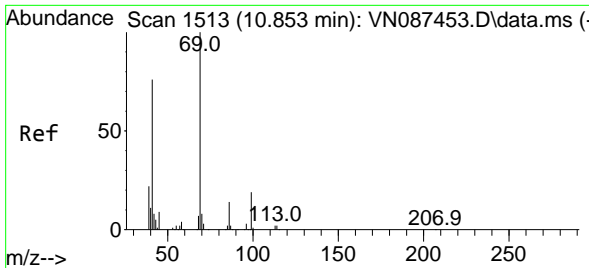


#50
 1,1,2-Trichloroethane
 Concen: 17.816 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



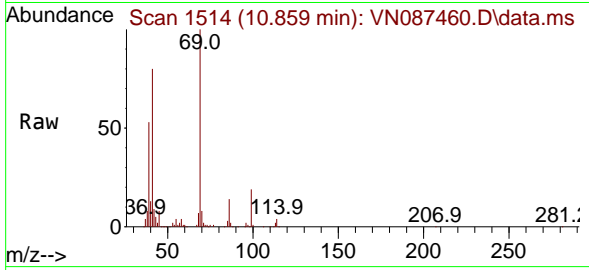
Tgt Ion: 97 Resp: 87290
 Ion Ratio Lower Upper
 97 100
 83 88.9 66.2 99.2
 85 55.5 43.9 65.9
 99 63.3 50.0 75.0





#51
 Ethyl methacrylate
 Concen: 18.119 ug/l
 RT: 10.859 min Scan# 1514
 Delta R.T. 0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

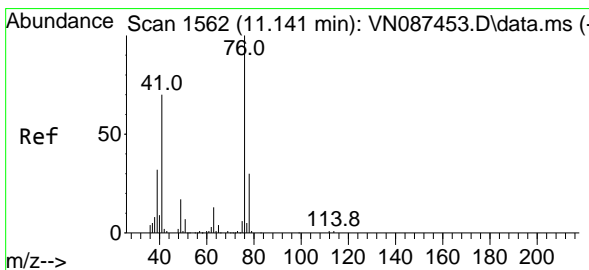
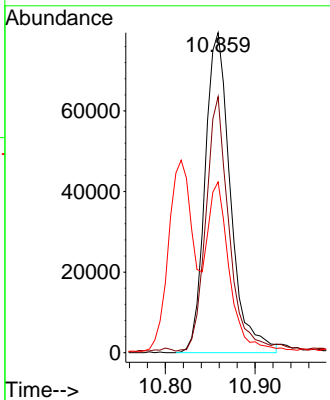
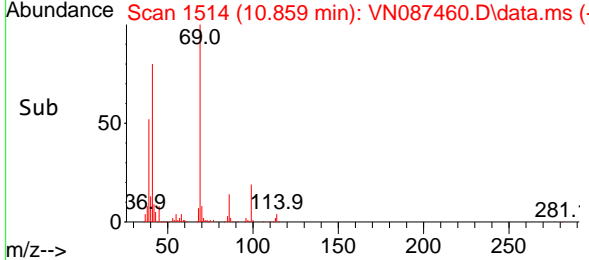
Instrument : MSVOA_N
 Client Sample Id : VN0805WBSD02



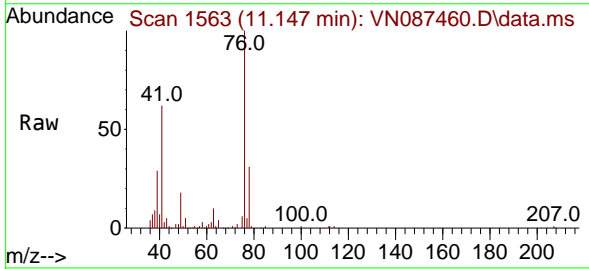
Tgt Ion: 69 Resp: 156339
 Ion Ratio Lower Upper
 69 100
 41 79.5 38.0 114.1
 39 52.0 23.2 69.5

Manual Integrations
 APPROVED

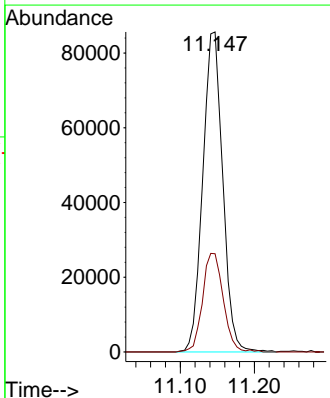
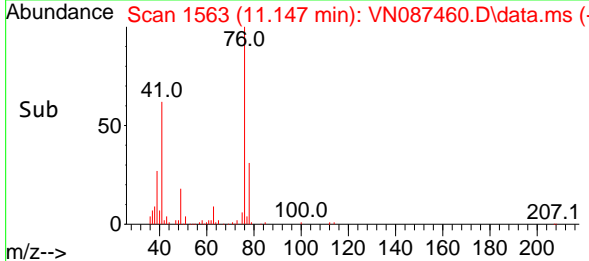
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

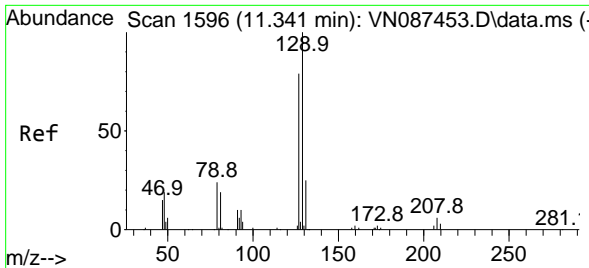


#52
 1,3-Dichloropropane
 Concen: 18.132 ug/l
 RT: 11.147 min Scan# 1563
 Delta R.T. 0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



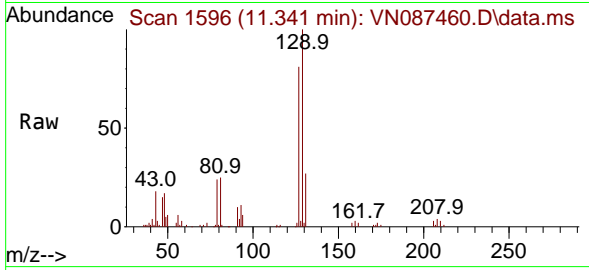
Tgt Ion: 76 Resp: 160044
 Ion Ratio Lower Upper
 76 100
 78 31.7 0.0 63.0





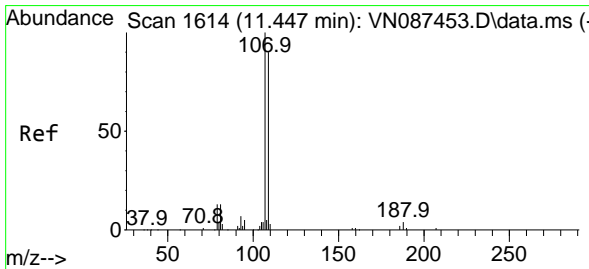
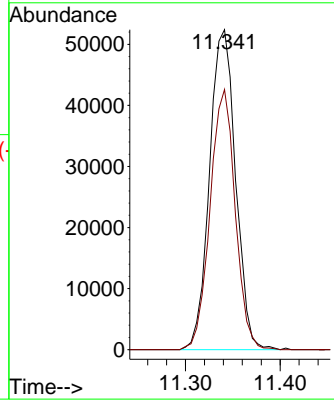
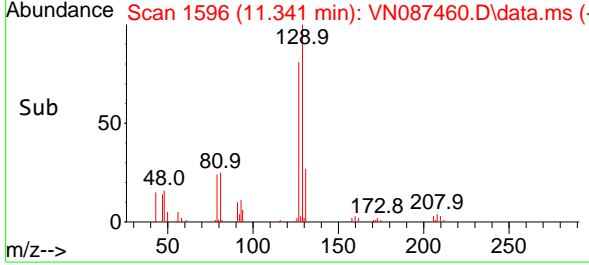
#53
 Dibromochloromethane
 Concen: 17.705 ug/l
 RT: 11.341 min Scan# 1596
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument :
 MSVOA_N
Client Sample Id :
 VN0805WBSD02

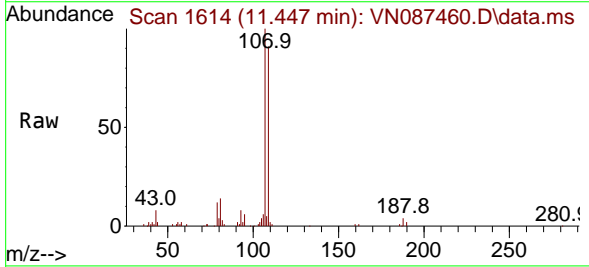


Tgt Ion:129 Resp: 100180
 Ion Ratio Lower Upper
 129 100
 127 78.4 39.1 117.3

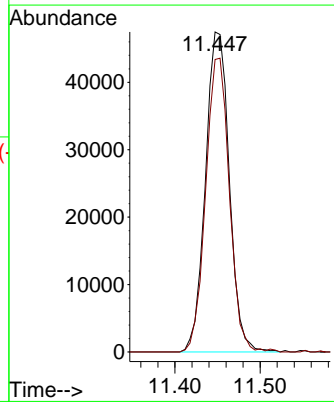
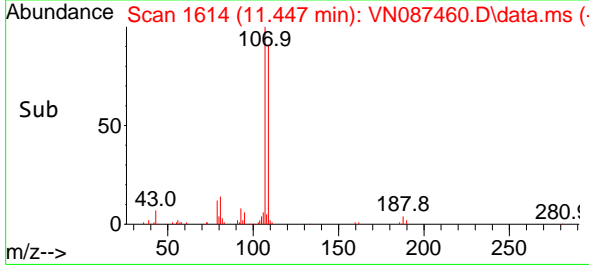
Manual Integrations
APPROVED
 Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

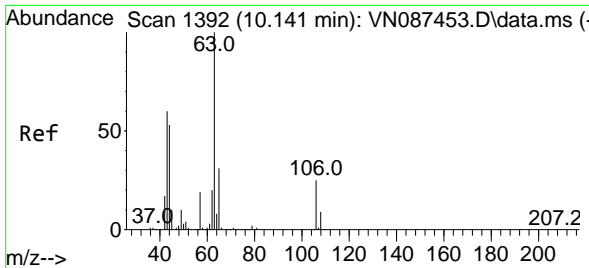


#54
 1,2-Dibromoethane
 Concen: 17.736 ug/l
 RT: 11.447 min Scan# 1614
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



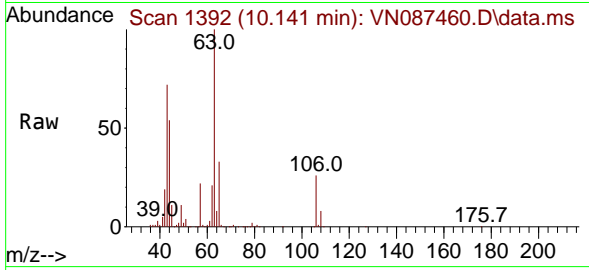
Tgt Ion:107 Resp: 92245
 Ion Ratio Lower Upper
 107 100
 109 91.2 74.2 111.4





#55
 2-Chloroethyl vinyl ether
 Concen: 96.474 ug/l
 RT: 10.141 min Scan# 1392
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

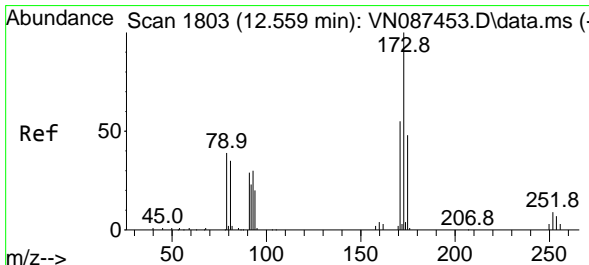
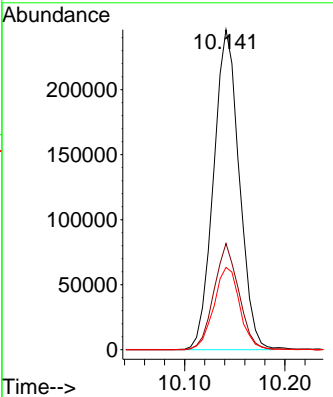
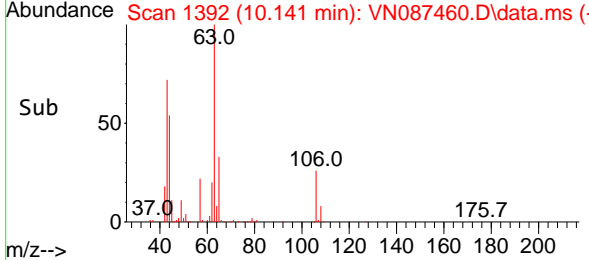
Instrument :
 MSVOA_N
ClientSampleId :
 VN0805WBSD02



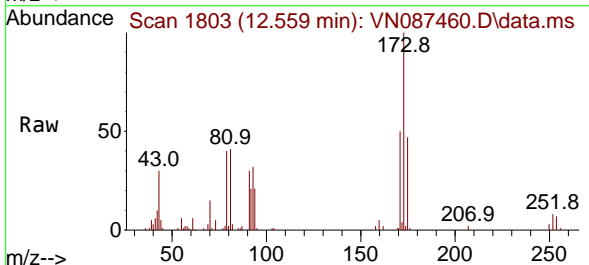
Tgt Ion: 63 Resp: 43822

Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.7	38.5
106	25.9	20.7	31.1

Manual Integrations
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 Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

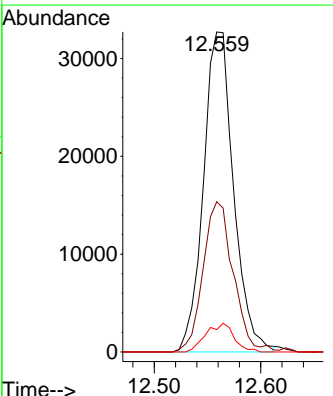
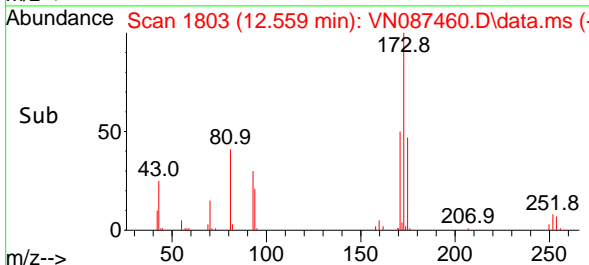


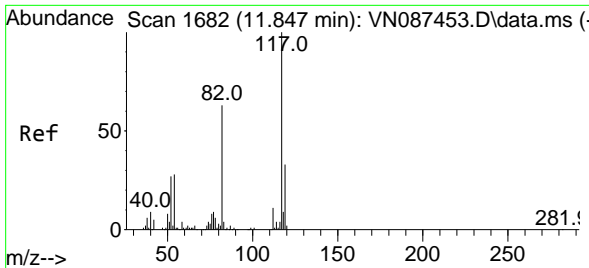
#56
 Bromoform
 Concen: 17.177 ug/l
 RT: 12.559 min Scan# 1803
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



Tgt Ion: 173 Resp: 64286

Ion	Ratio	Lower	Upper
173	100		
175	46.3	38.8	58.2
254	8.4	3.9	5.9#





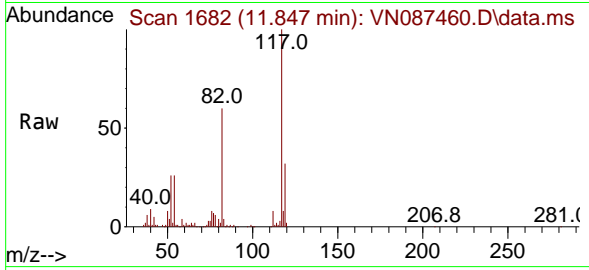
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.847 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBSD02



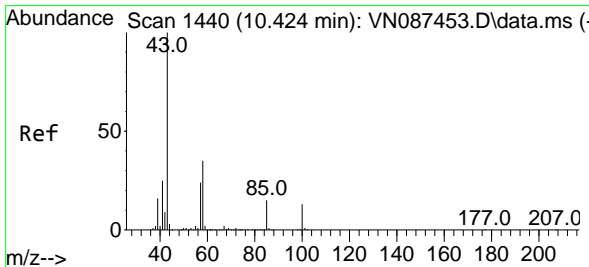
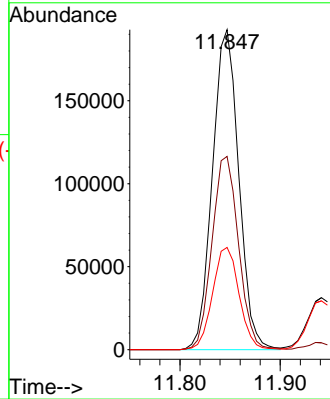
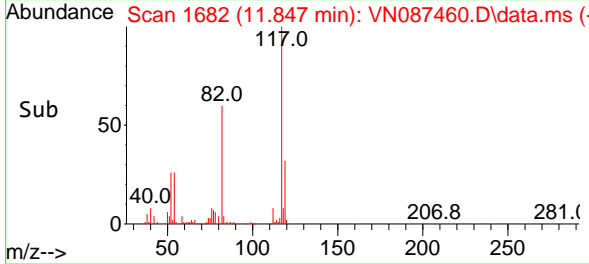
Tgt Ion:117 Resp: 351439
 Ion Ratio Lower Upper
 117 100
 82 61.0 49.2 73.8
 119 32.2 25.7 38.5

Manual Integrations

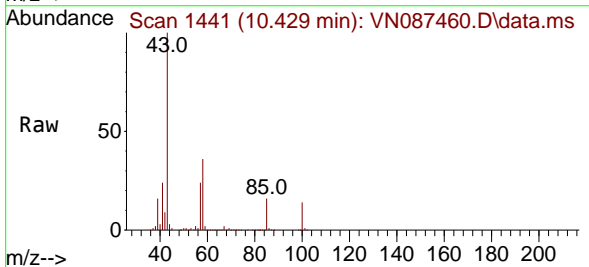
APPROVED

Reviewed By :John Carlone 08/06/2025

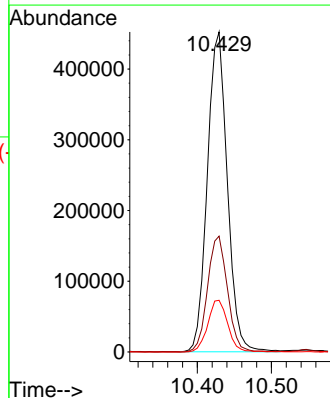
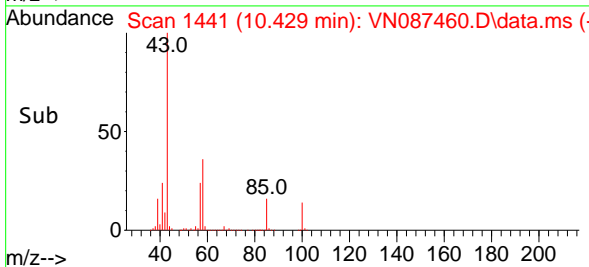
Supervised By :Mahesh Dadoda 08/06/2025

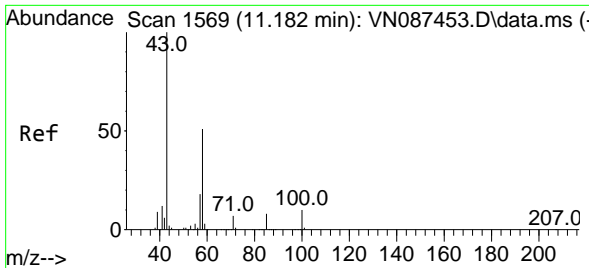


#58
 4-Methyl-2-Pentanone
 Concen: 93.735 ug/l
 RT: 10.429 min Scan# 1441
 Delta R.T. 0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



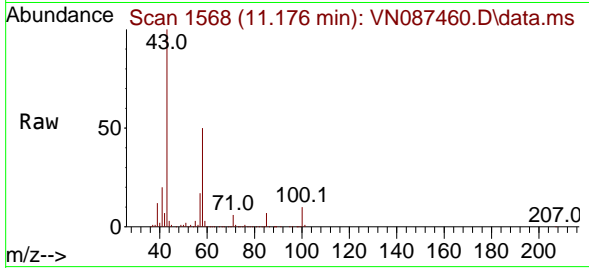
Tgt Ion: 43 Resp: 847427
 Ion Ratio Lower Upper
 43 100
 58 36.1 29.0 43.6
 85 16.1 12.7 19.1





#59
 2-Hexanone
 Concen: 90.334 ug/l
 RT: 11.176 min Scan# 1568
 Delta R.T. -0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

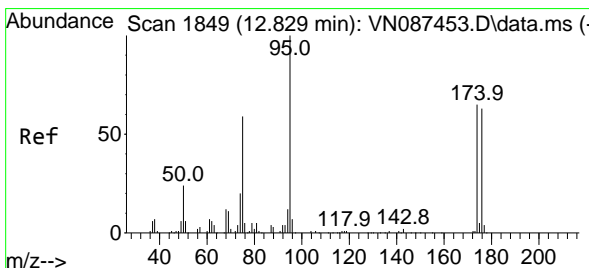
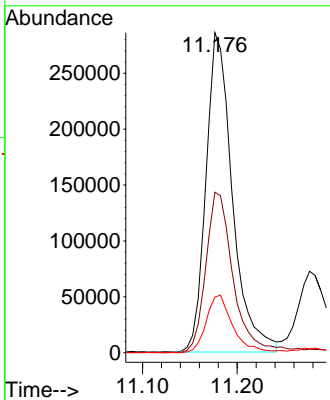
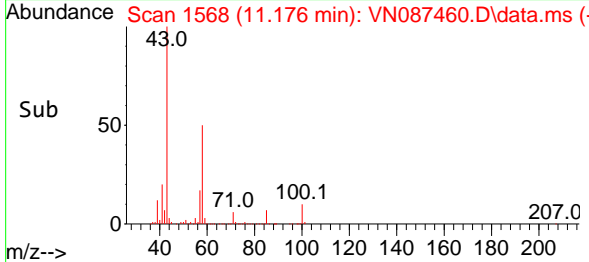
Instrument : MSVOA_N
 Client Sample Id : VN0805WBSD02



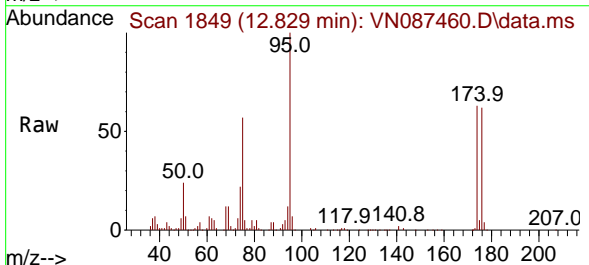
Tgt Ion: 43 Resp: 554894
 Ion Ratio Lower Upper
 43 100
 58 51.9 41.0 61.6
 57 18.0 14.6 21.8

Manual Integrations
APPROVED

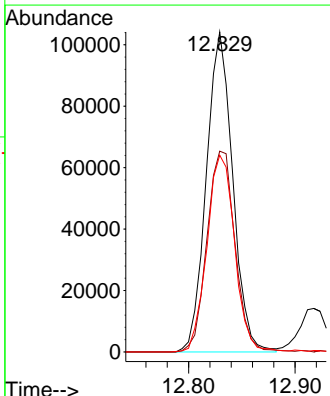
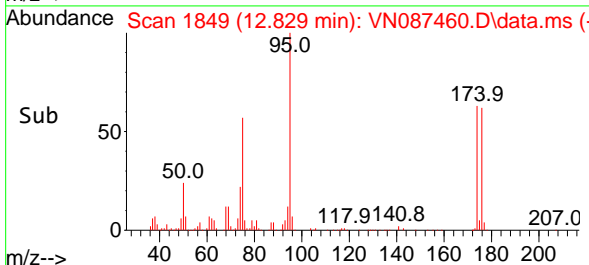
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

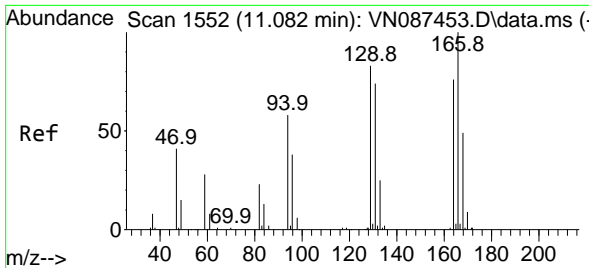


#60
 4-Bromofluorobenzene
 Concen: 29.658 ug/l
 RT: 12.829 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



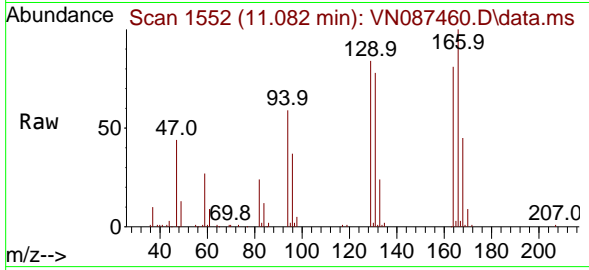
Tgt Ion: 95 Resp: 179372
 Ion Ratio Lower Upper
 95 100
 174 66.5 52.3 78.5
 176 64.6 49.8 74.8





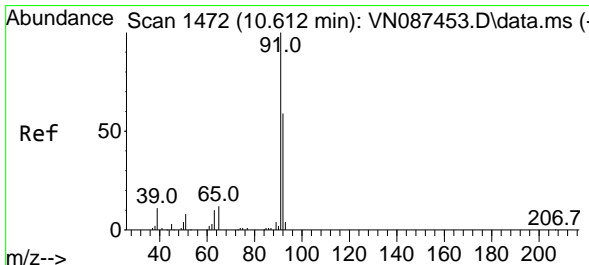
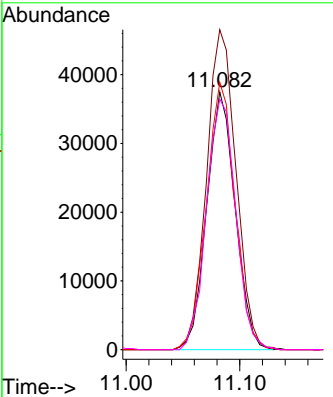
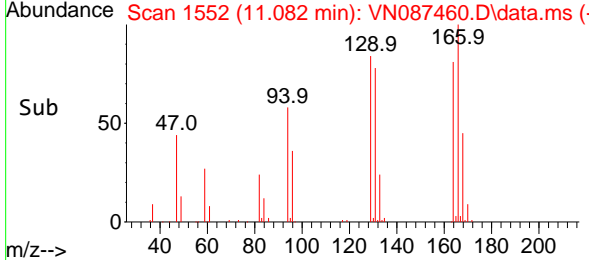
#61
 Tetrachloroethene
 Concen: 19.100 ug/l
 RT: 11.082 min Scan# 11082
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument : MSVOA_N
 ClientSampleId : VN0805WBSD02

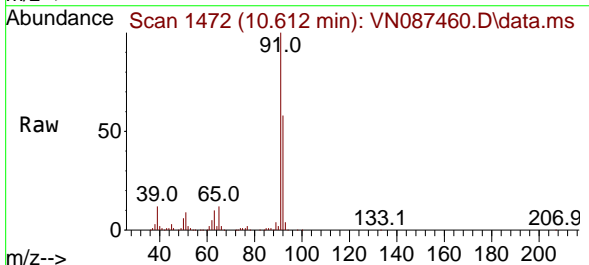


Tgt Ion:164 Resp: 65390
 Ion Ratio Lower Upper
 164 100
 166 124.1 105.4 158.0
 129 103.7 87.7 131.5
 131 97.1 77.7 116.5

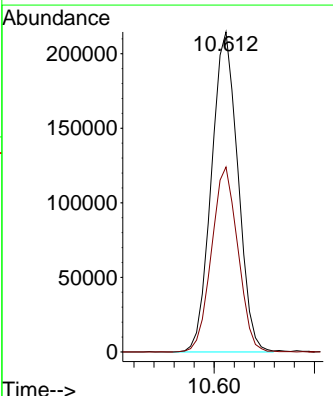
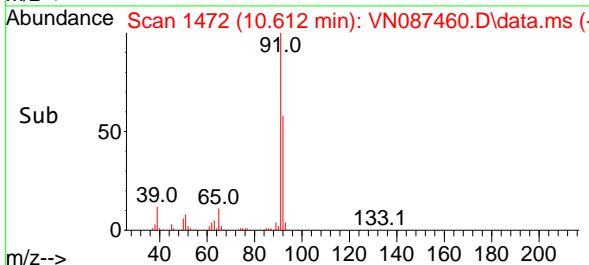
Manual Integrations
APPROVED
 Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

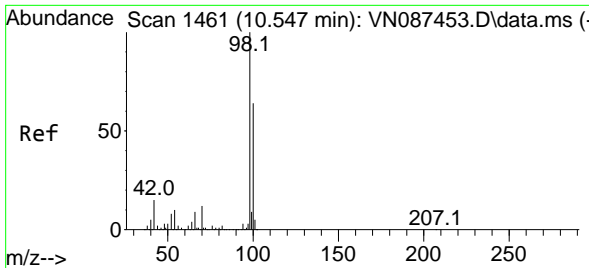


#62
 Toluene
 Concen: 18.067 ug/l
 RT: 10.612 min Scan# 1472
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



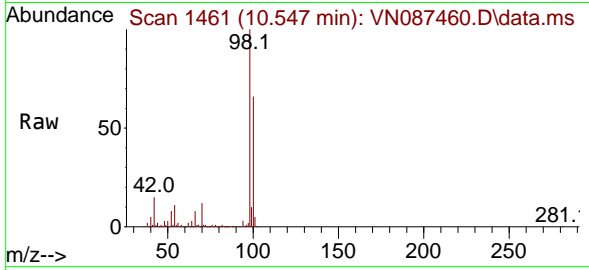
Tgt Ion: 91 Resp: 391886
 Ion Ratio Lower Upper
 91 100
 92 57.6 45.8 68.6





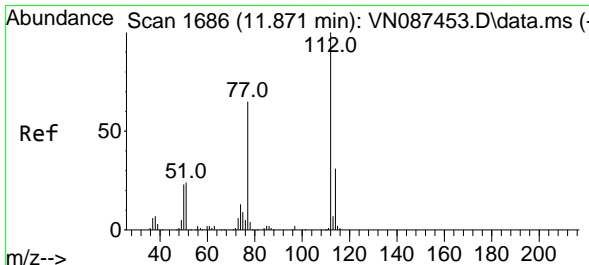
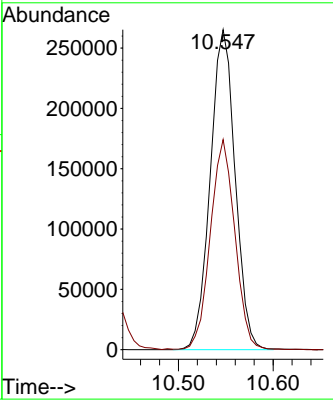
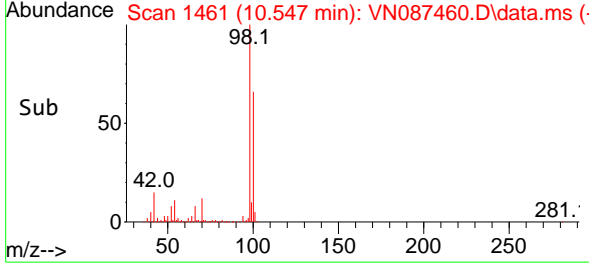
#63
 Toluene-d8
 Concen: 29.980 ug/l
 RT: 10.547 min Scan# 1461
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument : MSVOA_N
 ClientSampleId : VN0805WBSD02

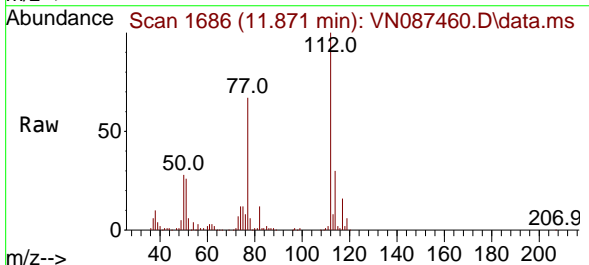


Tgt Ion: 98 Resp: 484798
 Ion Ratio Lower Upper
 98 100
 100 64.7 50.5 75.7

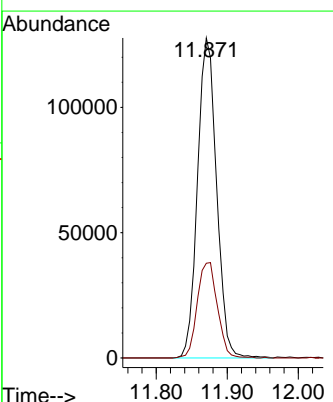
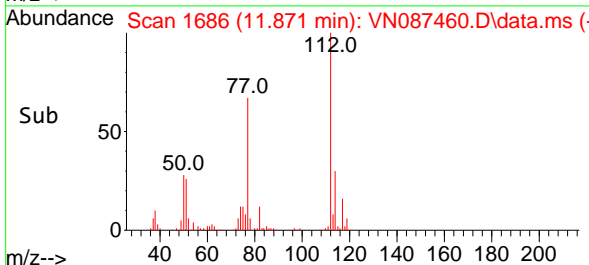
Manual Integrations
APPROVED
 Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

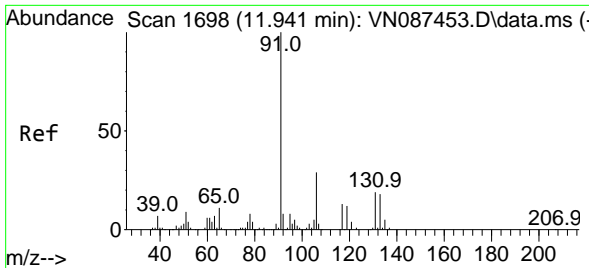


#64
 Chlorobenzene
 Concen: 17.889 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



Tgt Ion:112 Resp: 238431
 Ion Ratio Lower Upper
 112 100
 114 29.6 24.7 37.1





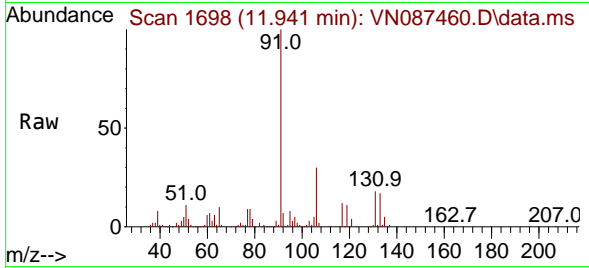
#65
 1,1,1,2-Tetrachloroethane
 Concen: 17.542 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBSD02



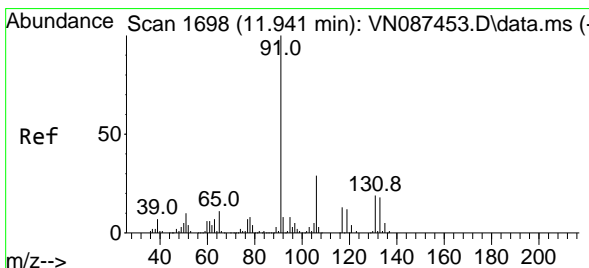
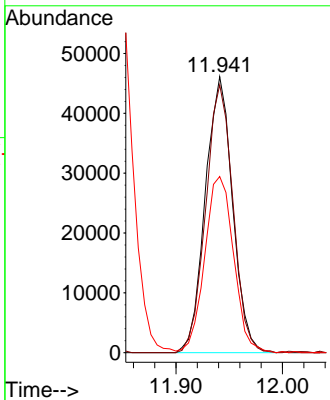
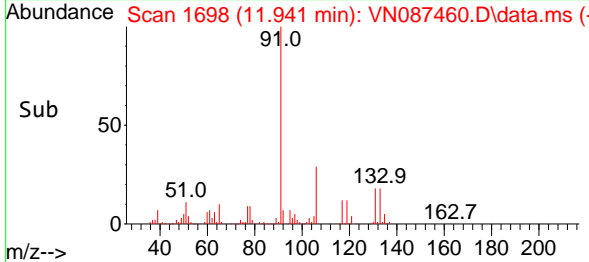
Tgt Ion:131 Resp: 82200
 Ion Ratio Lower Upper
 131 100
 133 96.7 0.0 189.8
 119 67.5 0.0 133.2

Manual Integrations

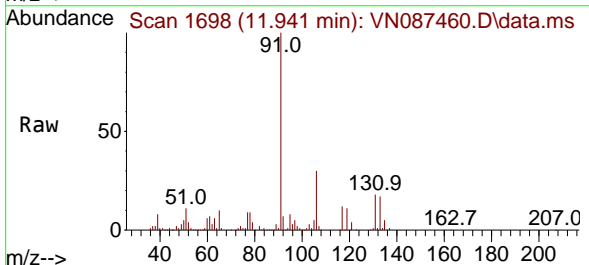
APPROVED

Reviewed By :John Carlone 08/06/2025

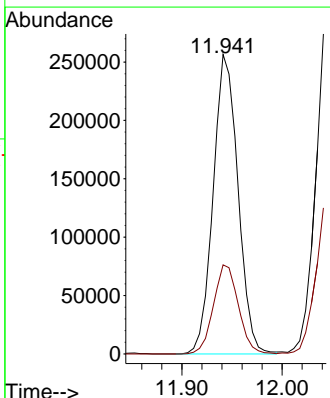
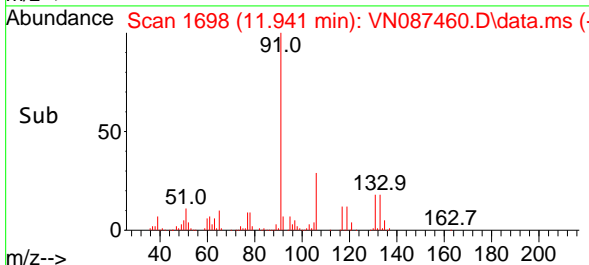
Supervised By :Mahesh Dadoda 08/06/2025

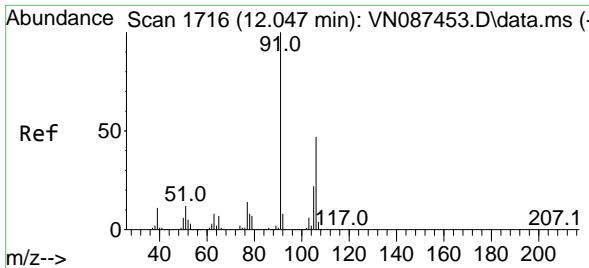


#66
 Ethyl Benzene
 Concen: 18.262 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



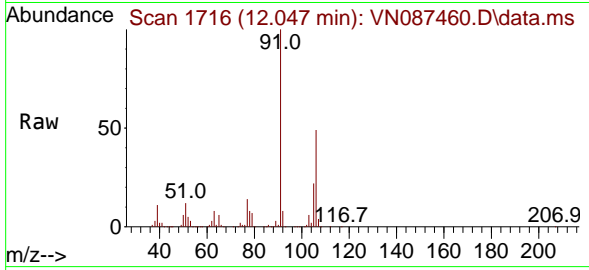
Tgt Ion: 91 Resp: 441499
 Ion Ratio Lower Upper
 91 100
 106 29.7 22.9 34.3





#67
 m/p-Xylenes
 Concen: 36.484 ug/l
 RT: 12.047 min Scan# 1716
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

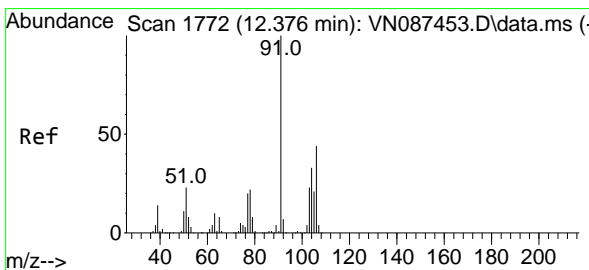
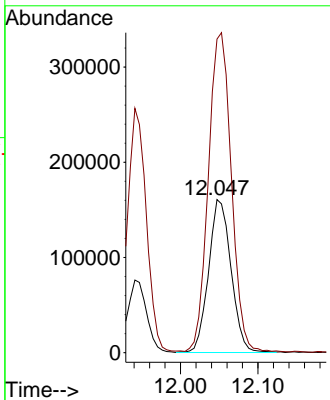
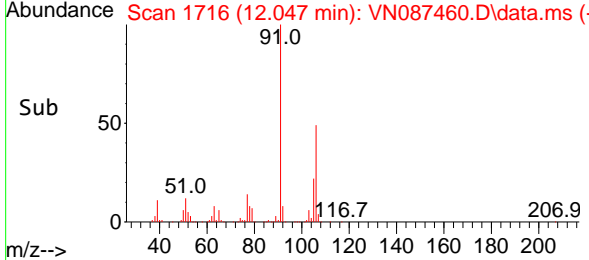
Instrument :
 MSVOA_N
ClientSampleId :
 VN0805WBSD02



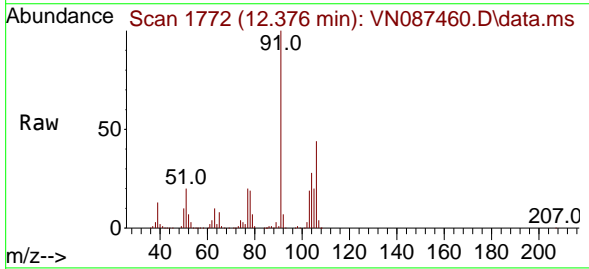
Tgt Ion:106 Resp: 323770
 Ion Ratio Lower Upper
 106 100
 91 214.0 174.2 261.2

Manual Integrations
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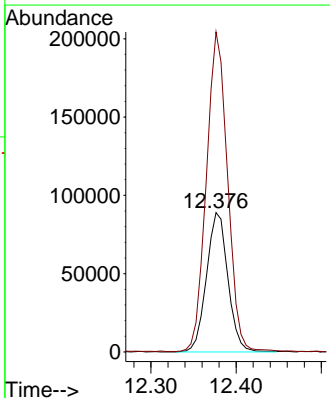
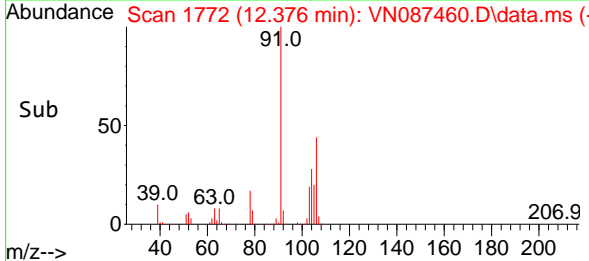
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

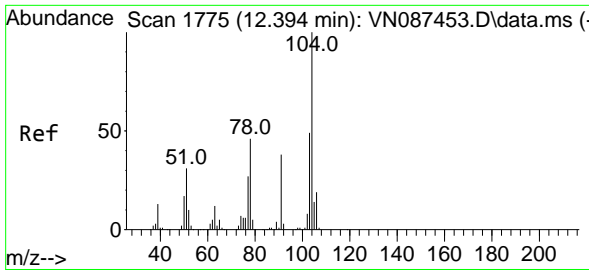


#68
 o-Xylene
 Concen: 17.852 ug/l
 RT: 12.376 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



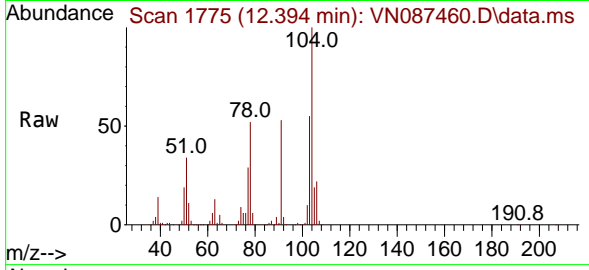
Tgt Ion:106 Resp: 155852
 Ion Ratio Lower Upper
 106 100
 91 226.6 114.5 343.5





#69
 Styrene
 Concen: 17.654 ug/l
 RT: 12.394 min Scan# 1775
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

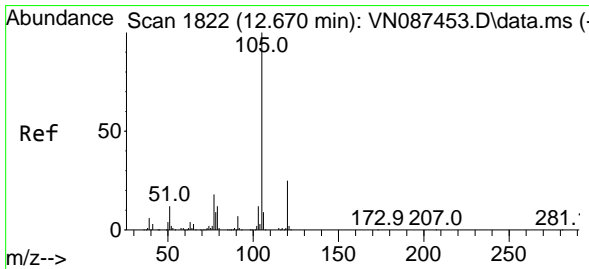
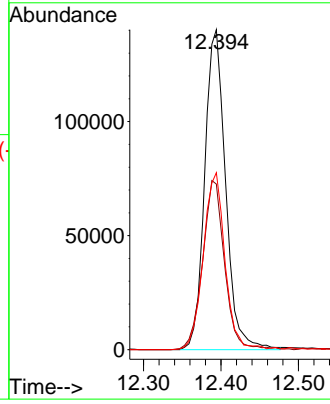
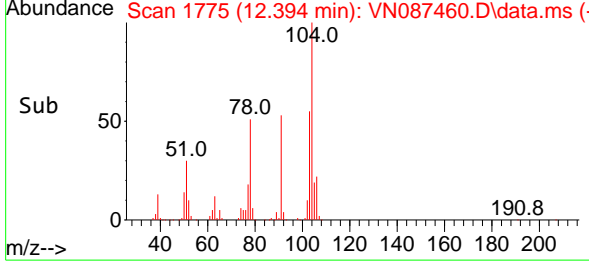
Instrument : MSVOA_N
 ClientSampleId : VN0805WBSD02



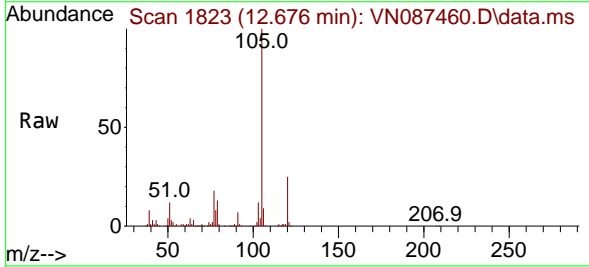
Tgt Ion:104 Resp: 26317
 Ion Ratio Lower Upper
 104 100
 78 55.5 43.8 65.8
 103 56.6 43.1 64.7

Manual Integrations
APPROVED

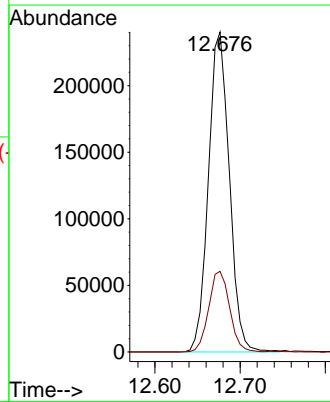
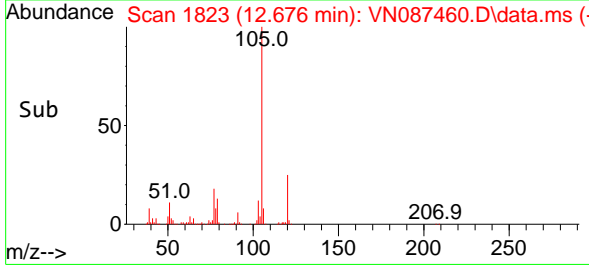
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

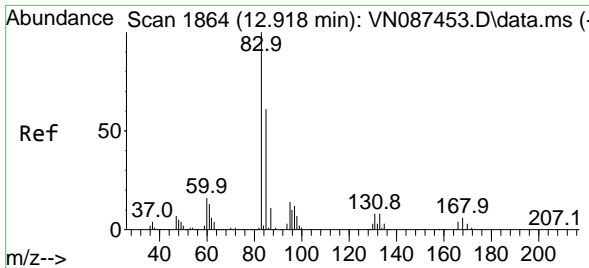


#70
 Isopropylbenzene
 Concen: 18.456 ug/l
 RT: 12.676 min Scan# 1823
 Delta R.T. 0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



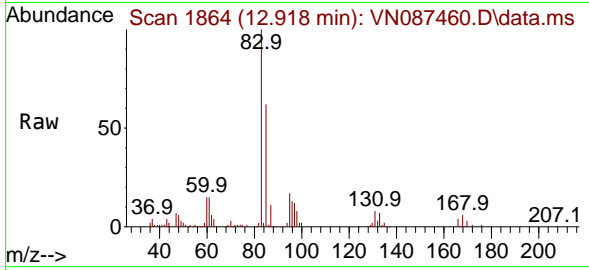
Tgt Ion:105 Resp: 409369
 Ion Ratio Lower Upper
 105 100
 120 25.2 17.5 32.5





#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.516 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

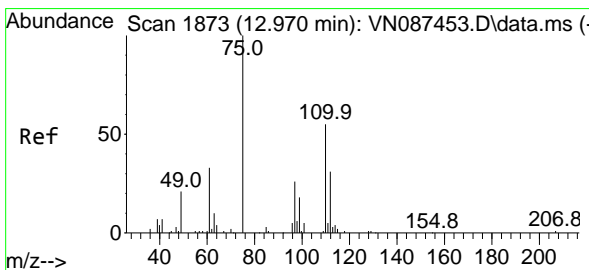
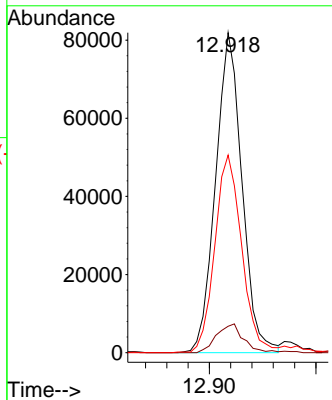
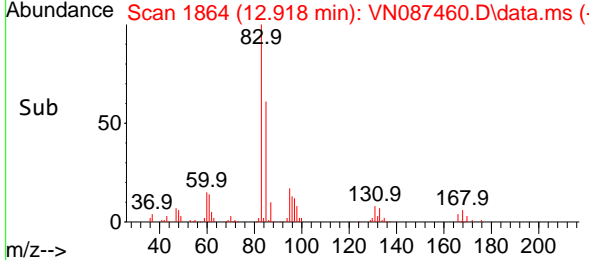
Instrument : MSVOA_N
 Client Sample Id : VN0805WBSD02



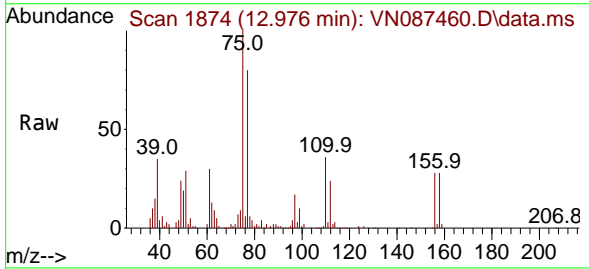
Tgt Ion: 83 Resp: 140719
 Ion Ratio Lower Upper
 83 100
 131 9.2 4.8 14.3
 85 62.4 31.7 95.1

Manual Integrations
 APPROVED

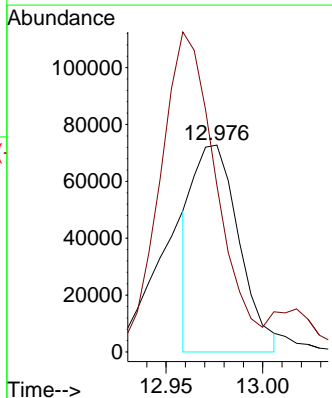
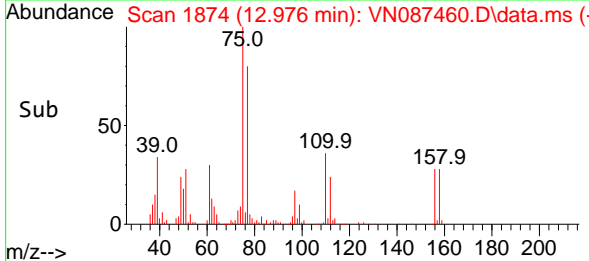
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

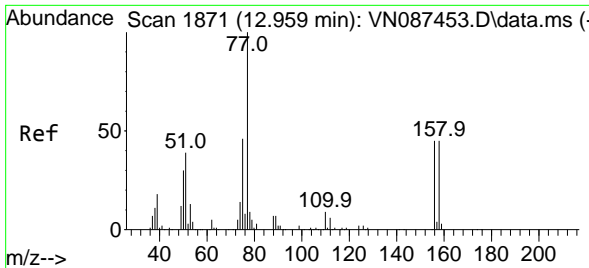


#72
 1,2,3-Trichloropropane
 Concen: 17.034 ug/l m
 RT: 12.976 min Scan# 1874
 Delta R.T. 0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



Tgt Ion: 75 Resp: 120595
 Ion Ratio Lower Upper
 75 100
 77 189.2 0.0 385.0





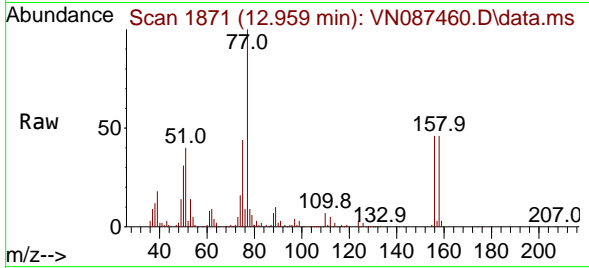
#73
 Bromobenzene
 Concen: 17.808 ug/l
 RT: 12.959 min Scan# 1871
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument :

MSVOA_N

Client Sample Id :

VN0805WBSD02

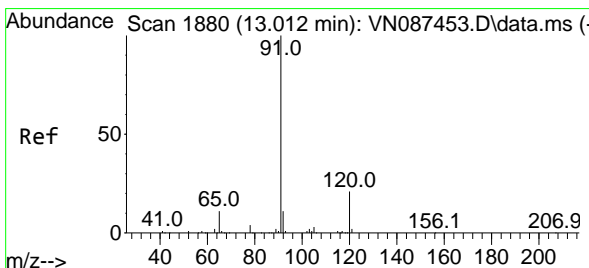
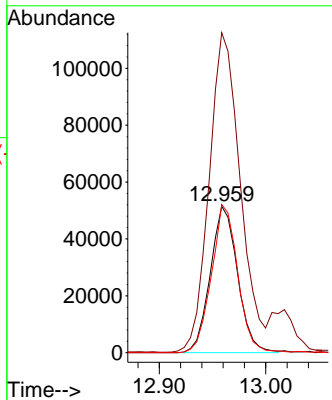
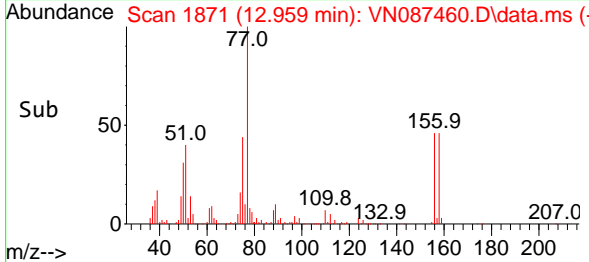


Tgt Ion: 156 Resp: 91560
 Ion Ratio Lower Upper
 156 100
 77 249.2 0.0 506.6
 158 97.7 0.0 193.6

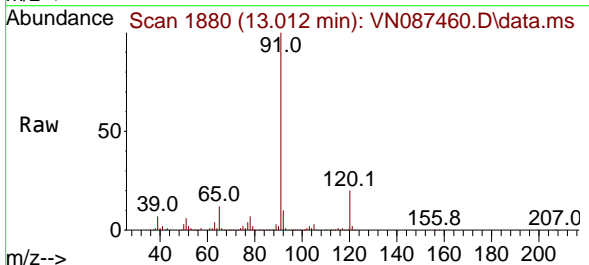
Manual Integrations

APPROVED

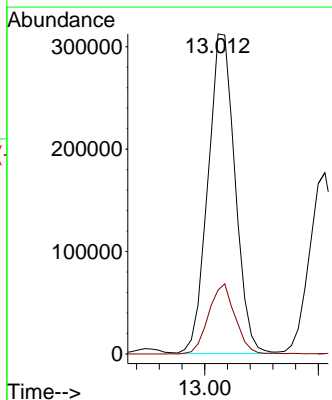
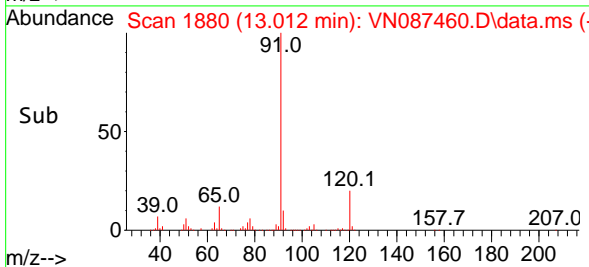
Reviewed By : John Carlone 08/06/2025
 Supervised By : Mahesh Dadoda 08/06/2025

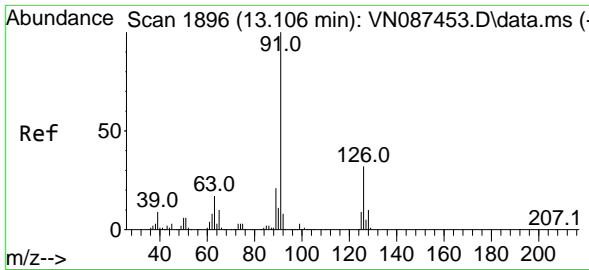


#74
 n-propylbenzene
 Concen: 18.694 ug/l
 RT: 13.012 min Scan# 1880
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



Tgt Ion: 91 Resp: 517842
 Ion Ratio Lower Upper
 91 100
 120 21.3 0.0 41.8





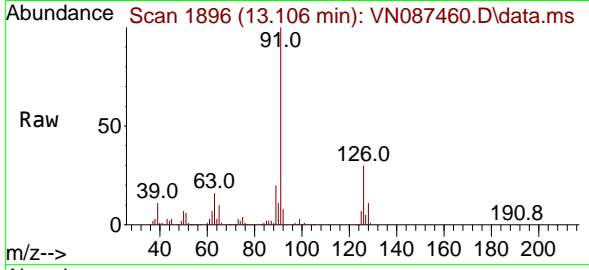
#75
 2-Chlorotoluene
 Concen: 17.994 ug/l
 RT: 13.106 min Scan# 1896
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument :

MSVOA_N

Client Sample Id :

VN0805WBSD02



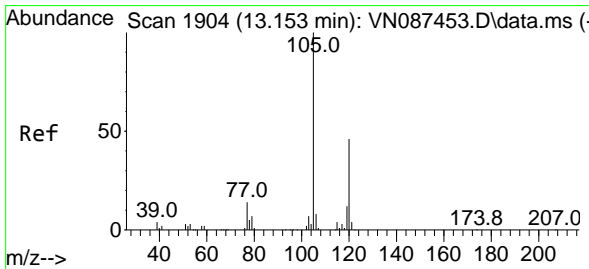
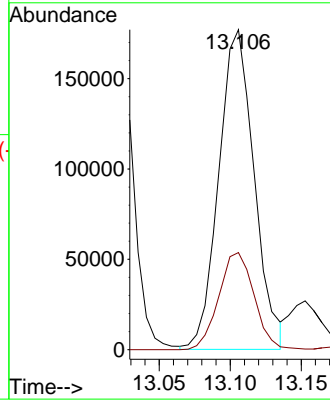
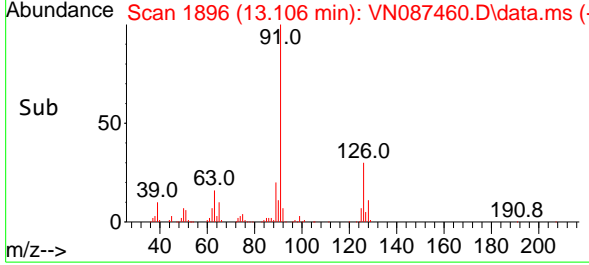
Tgt Ion: 91 Resp: 306609
 Ion Ratio Lower Upper
 91 100
 126 30.4 0.0 60.4

Manual Integrations

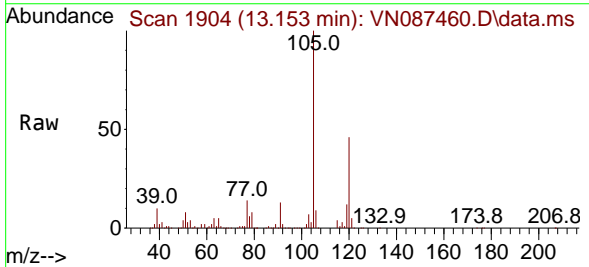
APPROVED

Reviewed By :John Carlone 08/06/2025

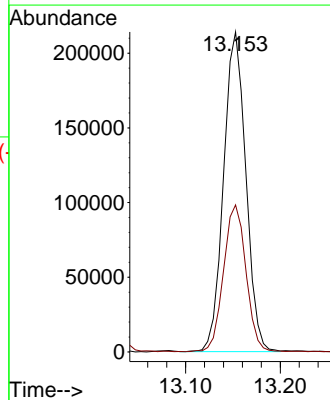
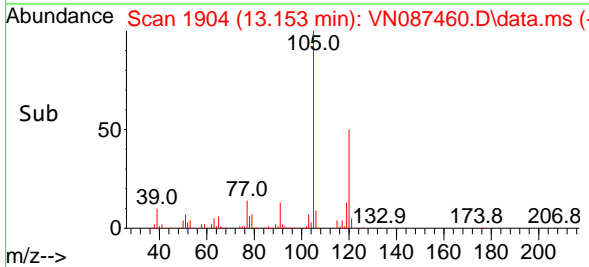
Supervised By :Mahesh Dadoda 08/06/2025

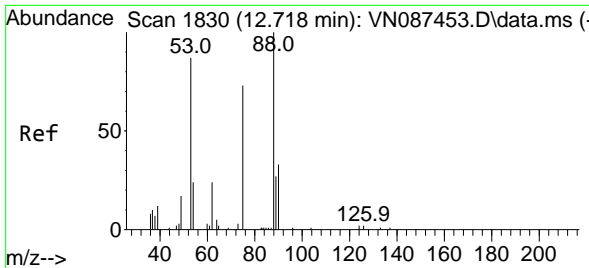


#76
 1,3,5-Trimethylbenzene
 Concen: 18.414 ug/l
 RT: 13.153 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



Tgt Ion:105 Resp: 349695
 Ion Ratio Lower Upper
 105 100
 120 46.6 0.0 91.2





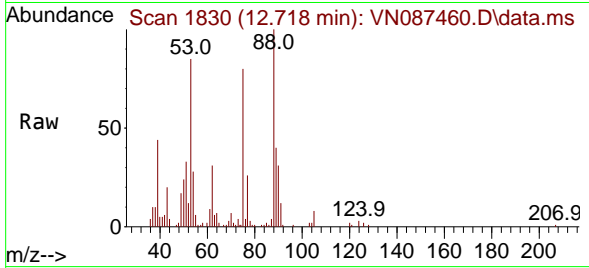
#77
 t-1,4-Dichloro-2-butene
 Concen: 16.771 ug/l
 RT: 12.718 min Scan# 1830
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument :

MSVOA_N

Client Sample Id :

VN0805WBSD02

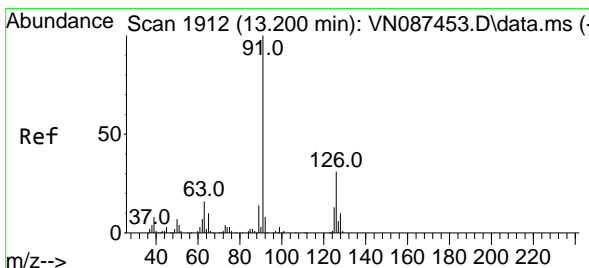
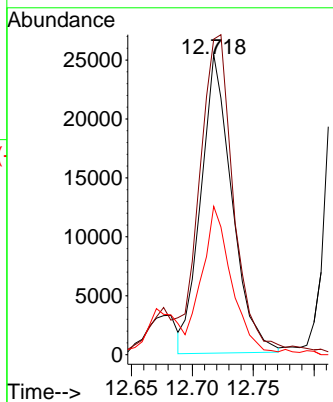
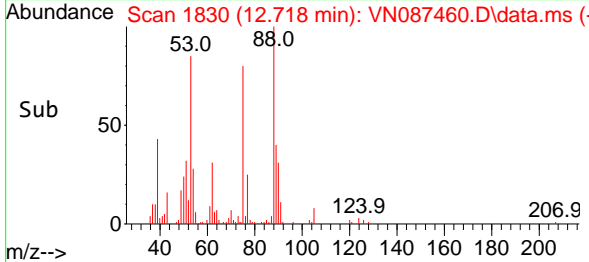


Tgt Ion: 75 Resp: 4494
 Ion Ratio Lower Upper
 75 100
 53 104.1 59.0 176.8
 89 49.6 22.1 66.5

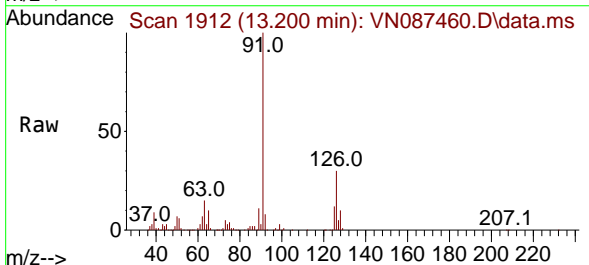
Manual Integrations

APPROVED

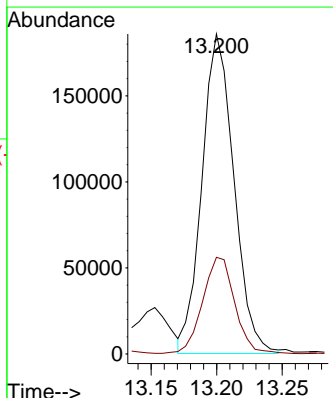
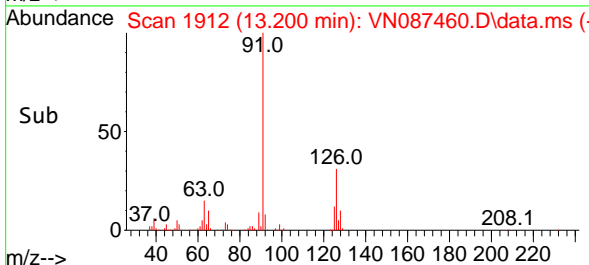
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

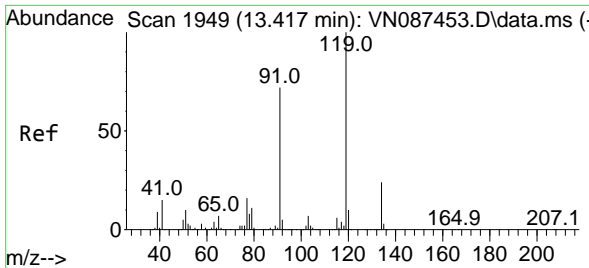


#78
 4-Chlorotoluene
 Concen: 18.226 ug/l
 RT: 13.200 min Scan# 1912
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



Tgt Ion: 91 Resp: 314714
 Ion Ratio Lower Upper
 91 100
 126 30.7 0.0 63.2





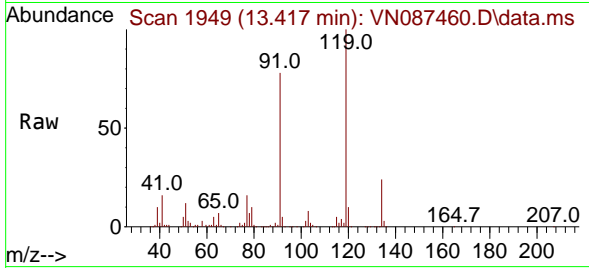
#79
 tert-butylbenzene
 Concen: 18.547 ug/l
 RT: 13.417 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBSD02



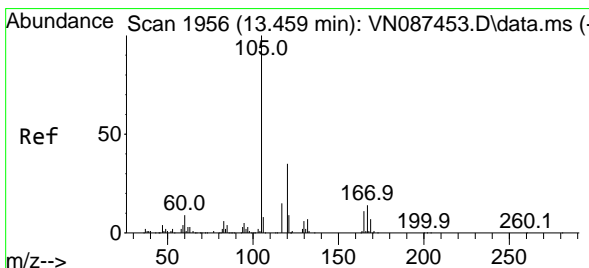
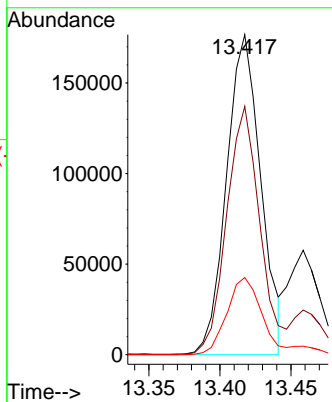
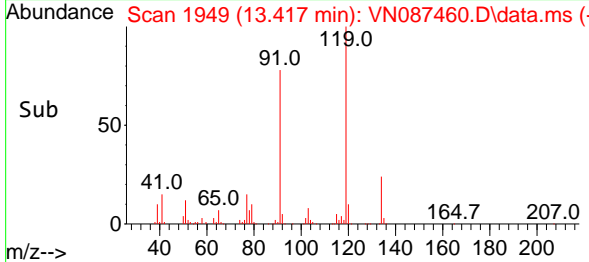
Tgt Ion:119 Resp: 29697
 Ion Ratio Lower Upper
 119 100
 91 75.3 0.0 141.6
 134 24.2 0.0 45.6

Manual Integrations

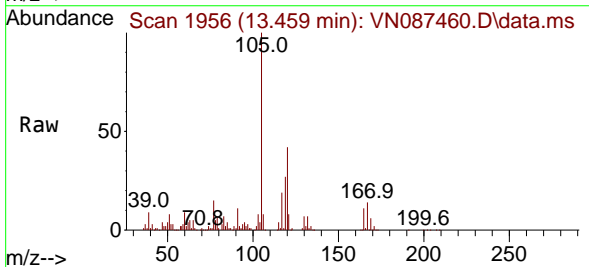
APPROVED

Reviewed By :John Carlone 08/06/2025

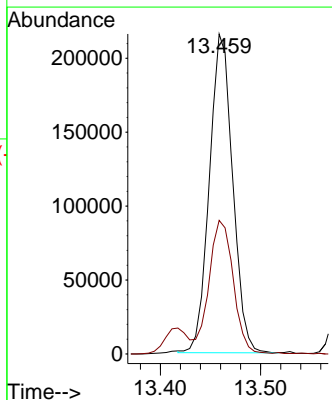
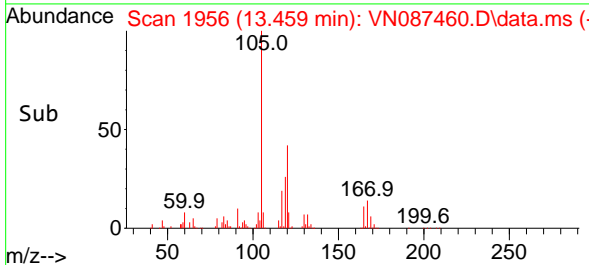
Supervised By :Mahesh Dadoda 08/06/2025

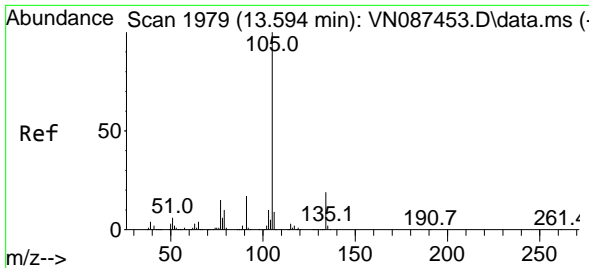


#80
 1,2,4-Trimethylbenzene
 Concen: 18.330 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



Tgt Ion:105 Resp: 347846
 Ion Ratio Lower Upper
 105 100
 120 43.9 0.0 87.2





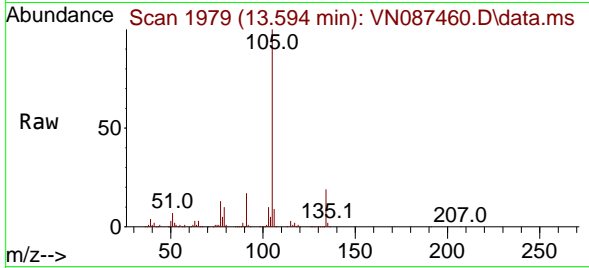
#81
 sec-Butylbenzene
 Concen: 19.358 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBSD02

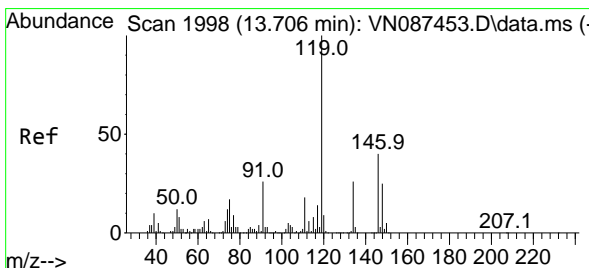
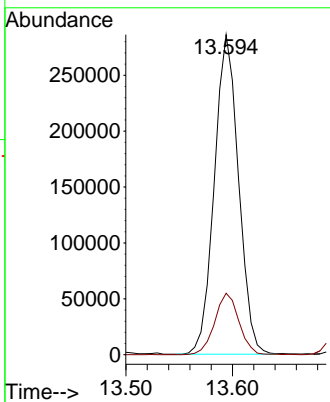
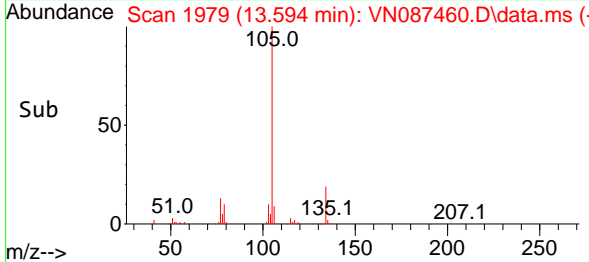


Tgt Ion:105 Resp: 451234
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 37.6

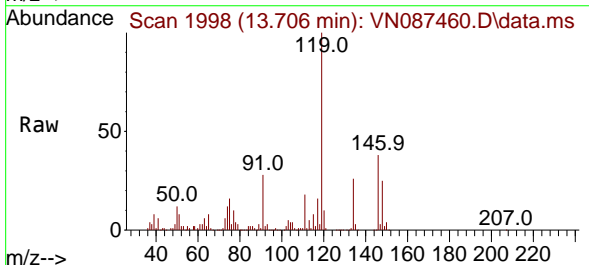
Manual Integrations

APPROVED

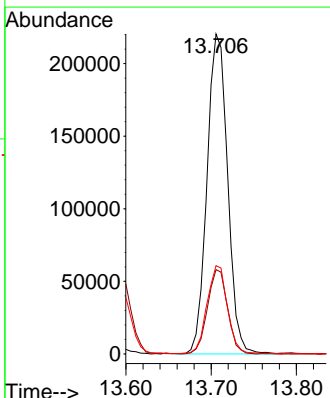
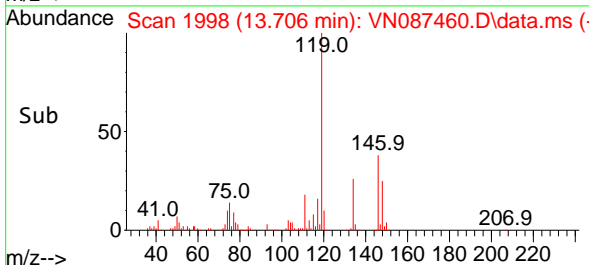
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

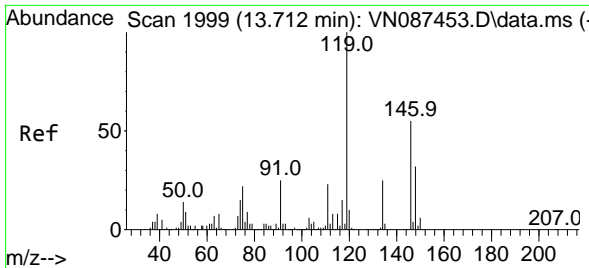


#82
 p-Isopropyltoluene
 Concen: 19.161 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



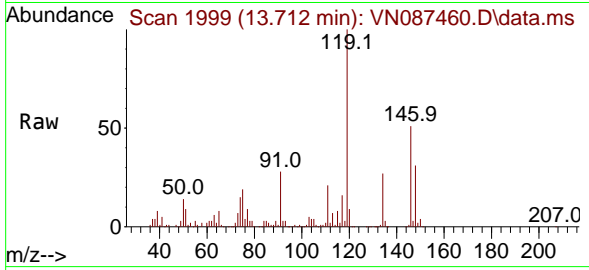
Tgt Ion:119 Resp: 370850
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 51.4
 91 26.9 0.0 52.0





#83
 1,3-Dichlorobenzene
 Concen: 17.969 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

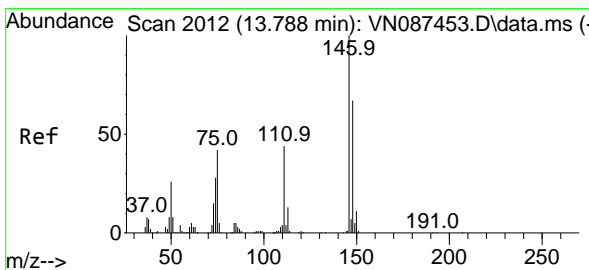
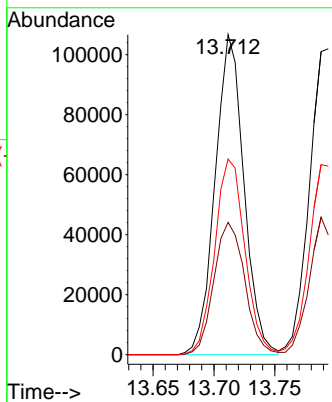
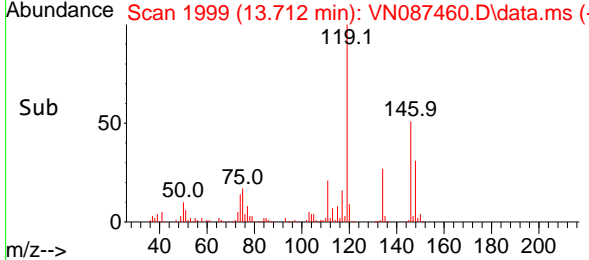
Instrument : MSVOA_N
 Client Sample Id : VN0805WBSD02



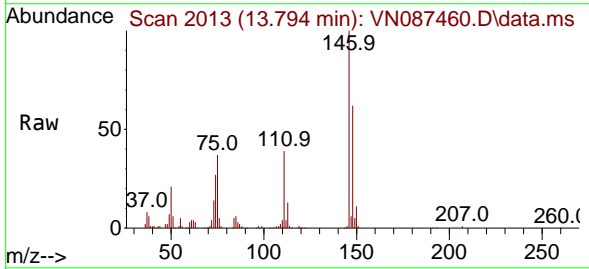
Tgt Ion:146 Resp: 175938
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.9 65.5
 148 64.0 31.3 93.9

Manual Integrations
APPROVED

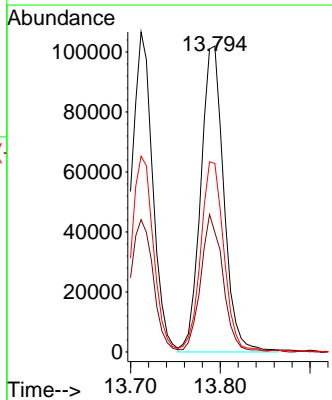
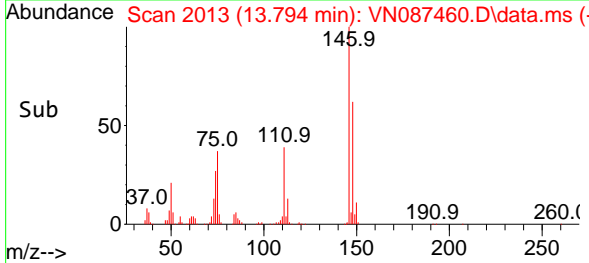
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

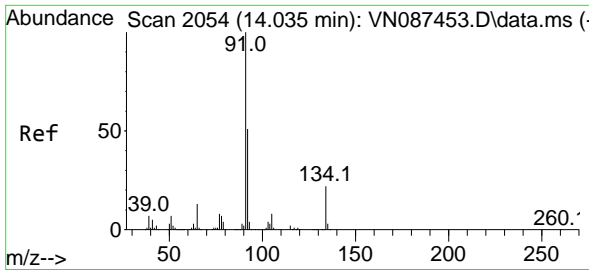


#84
 1,4-Dichlorobenzene
 Concen: 18.363 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



Tgt Ion:146 Resp: 182288
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.1 63.1
 148 62.1 31.4 94.3





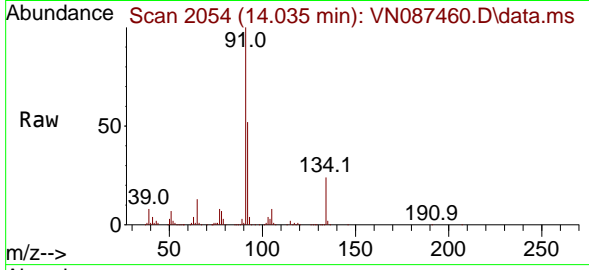
#85
 n-Butylbenzene
 Concen: 19.201 ug/l
 RT: 14.035 min Scan# 2054
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument :

MSVOA_N

Client Sample Id :

VN0805WBSD02



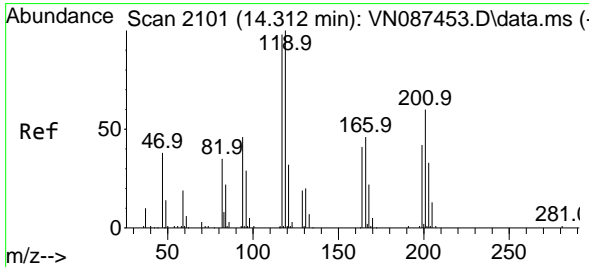
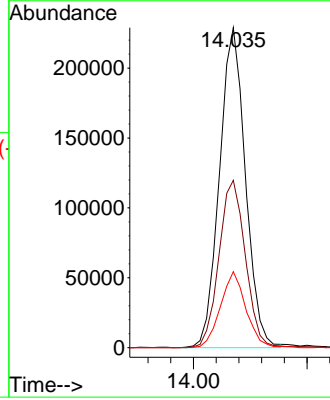
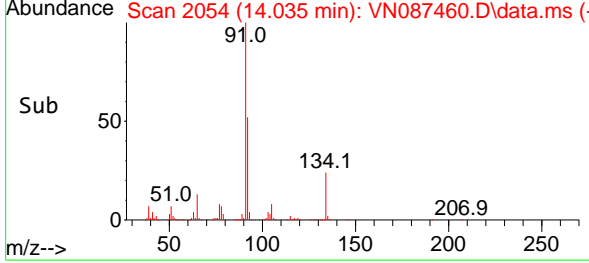
Tgt Ion: 91 Resp: 36359
 Ion Ratio Lower Upper
 91 100
 92 53.1 0.0 106.6
 134 23.2 0.0 44.4

Manual Integrations

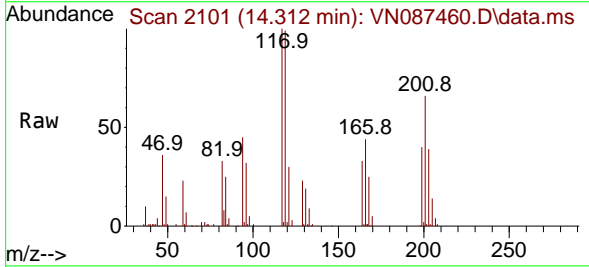
APPROVED

Reviewed By :John Carlone 08/06/2025

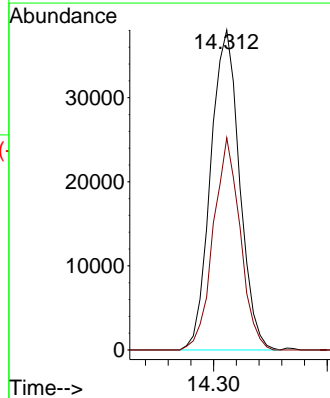
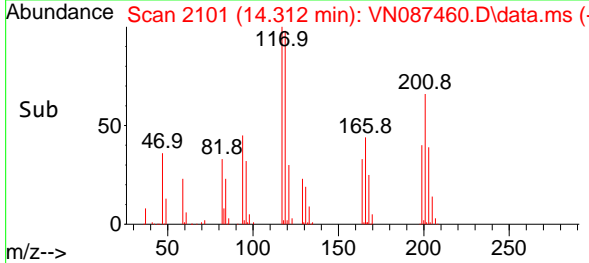
Supervised By :Mahesh Dadoda 08/06/2025

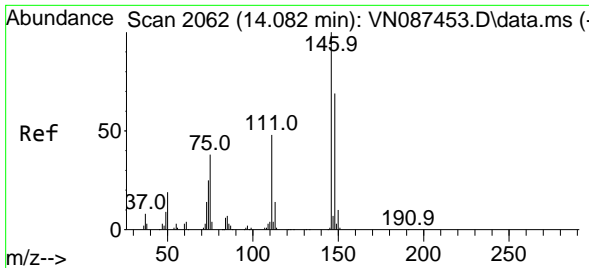


#86
 Hexachloroethane
 Concen: 17.806 ug/l
 RT: 14.312 min Scan# 2101
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



Tgt Ion:117 Resp: 67299
 Ion Ratio Lower Upper
 117 100
 201 61.7 29.1 87.4





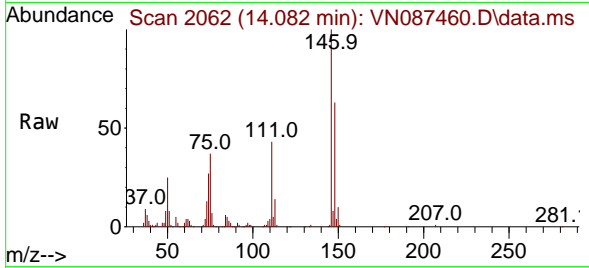
#87
 1,2-Dichlorobenzene
 Concen: 18.489 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. 0.000 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBSD02

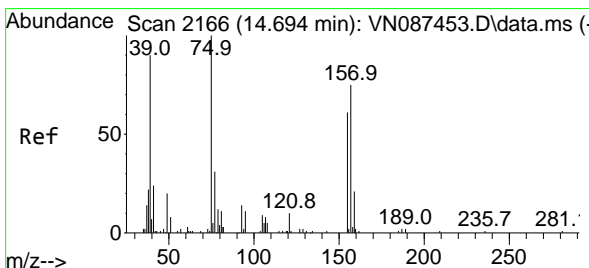
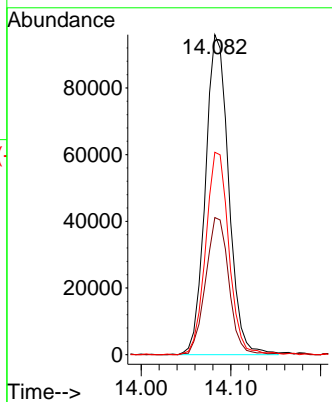
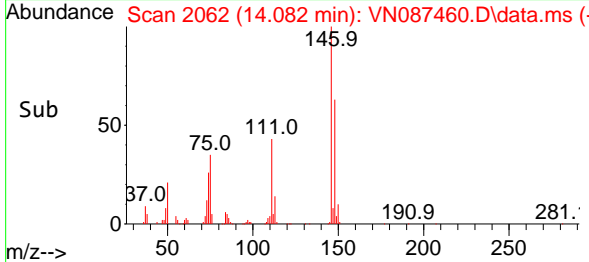


Tgt Ion:146 Resp: 172800
 Ion Ratio Lower Upper
 146 100
 111 41.9 22.9 68.7
 148 62.9 31.6 94.7

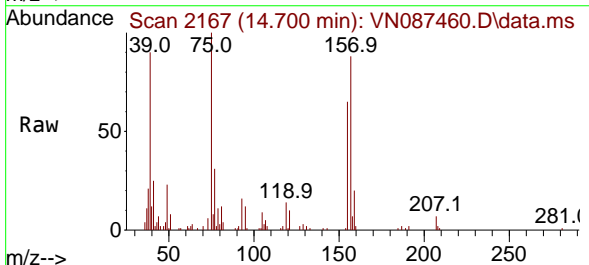
Manual Integrations

APPROVED

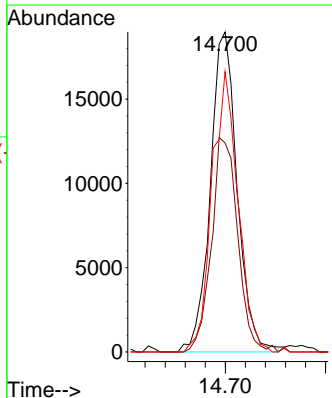
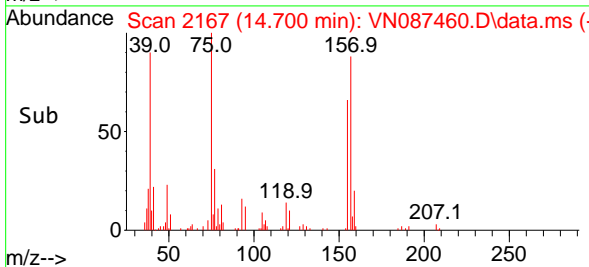
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

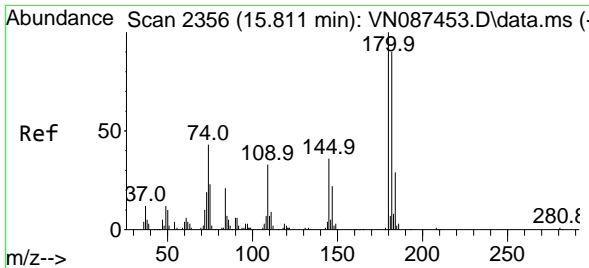


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.282 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



Tgt Ion: 75 Resp: 35198
 Ion Ratio Lower Upper
 75 100
 155 65.1 55.7 83.5
 157 84.9 65.8 98.6





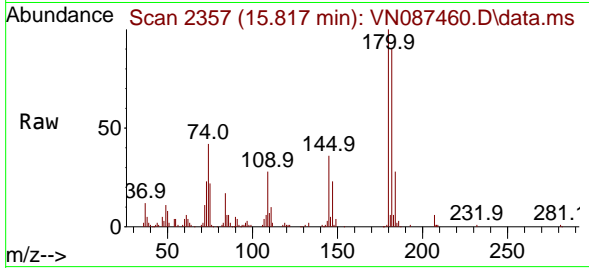
#89
 1,2,4-Trichlorobenzene
 Concen: 17.849 ug/l
 RT: 15.817 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBSD02



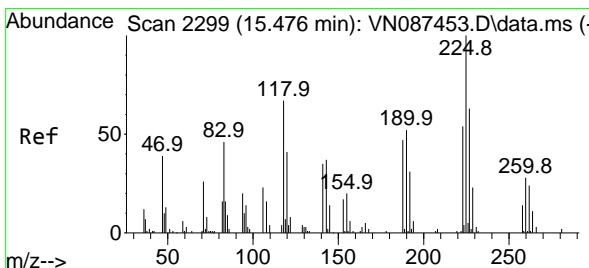
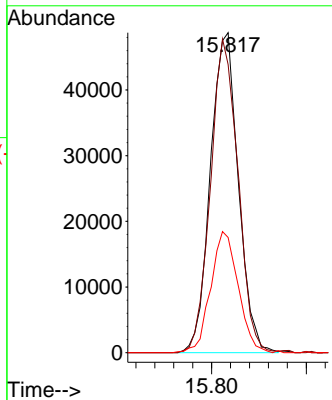
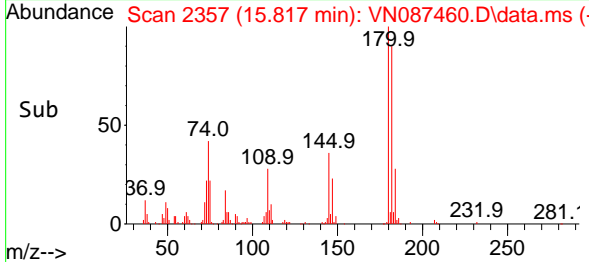
Tgt Ion:180 Resp: 99690
 Ion Ratio Lower Upper
 180 100
 182 96.5 75.0 112.4
 145 37.4 28.6 43.0

Manual Integrations

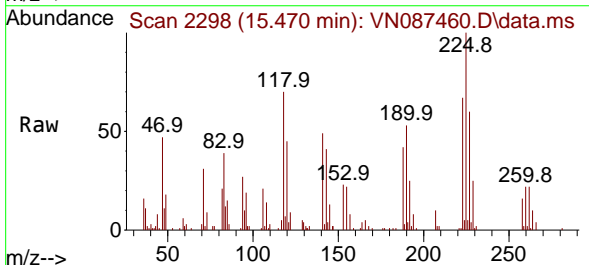
APPROVED

Reviewed By :John Carlone 08/06/2025

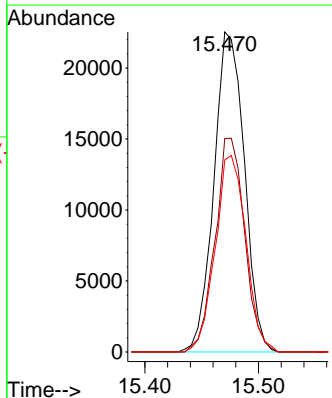
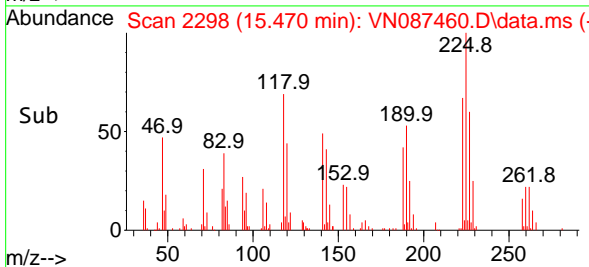
Supervised By :Mahesh Dadoda 08/06/2025

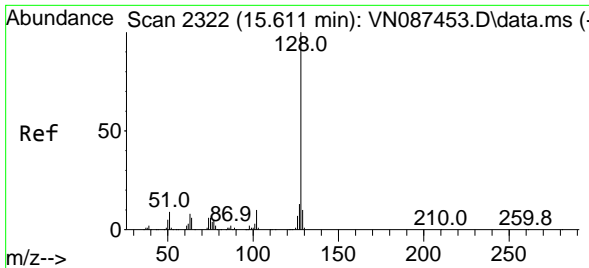


#90
 Hexachlorobutadiene
 Concen: 19.348 ug/l
 RT: 15.470 min Scan# 2298
 Delta R.T. -0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



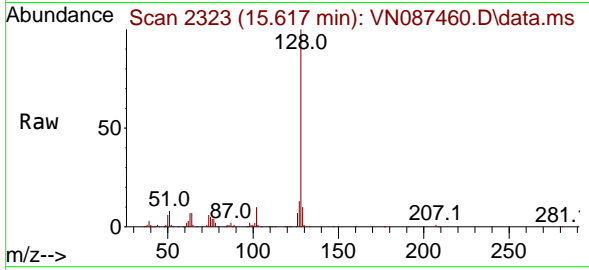
Tgt Ion:225 Resp: 42024
 Ion Ratio Lower Upper
 225 100
 223 64.8 0.0 116.0
 227 61.8 0.0 127.0





#91
 Naphthalene
 Concen: 18.217 ug/l
 RT: 15.617 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50

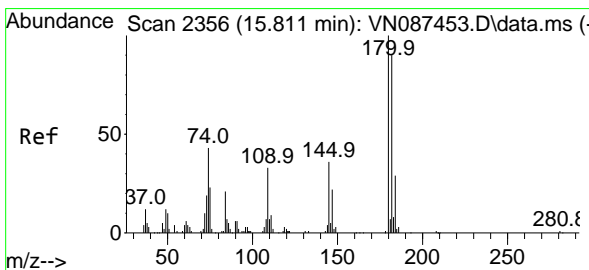
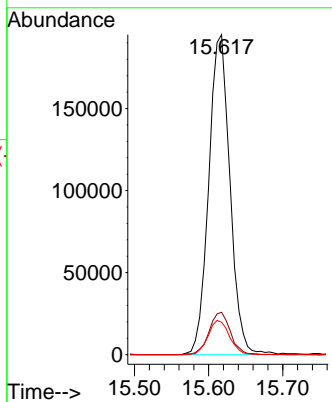
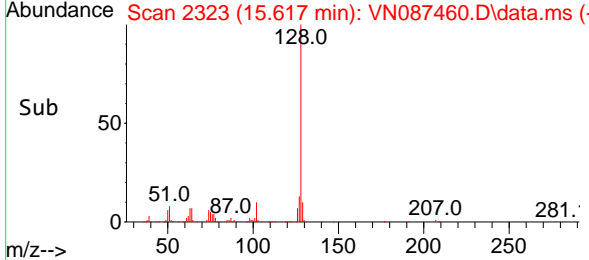
Instrument : MSVOA_N
 Client Sample Id : VN0805WBSD02



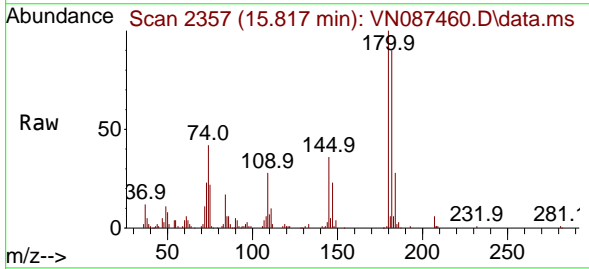
Tgt Ion:128 Resp: 387984
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.2 15.4
 129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025



#92
 1,2,3-Trichlorobenzene
 Concen: 17.849 ug/l
 RT: 15.817 min Scan# 2357
 Delta R.T. 0.006 min
 Lab File: VN087460.D
 Acq: 05 Aug 2025 16:50



Tgt Ion:180 Resp: 99696
 Ion Ratio Lower Upper
 180 100
 182 96.5 0.0 187.4
 145 37.4 0.0 71.6

