

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
 Data File : VN086860.D
 Acq On : 03 Jun 2025 22:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 04 02:09:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/04/2025
 Supervised By :Mahesh Dadoda 06/04/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	237847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	448231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	385042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	176637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	167960	51.104	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.200%			
35) Dibromofluoromethane	8.165	113	137784	51.616	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.240%			
50) Toluene-d8	10.565	98	541062	48.911	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.820%			
62) 4-Bromofluorobenzene	12.847	95	195614	50.081	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	128426	49.999	ug/l	98
3) Chloromethane	2.371	50	226614	58.330	ug/l	98
4) Vinyl Chloride	2.530	62	164476	47.140	ug/l	98
5) Bromomethane	2.965	94	72570	36.079	ug/l	91
6) Chloroethane	3.130	64	108395	47.424	ug/l	96
7) Trichlorofluoromethane	3.501	101	209050	50.136	ug/l	98
8) Diethyl Ether	3.948	74	94325	54.760	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.353	101	129523	51.887	ug/l	98
10) Methyl Iodide	4.577	142	70850	22.817	ug/l	98
11) Tert butyl alcohol	5.518	59	158361	264.564	ug/l	99
12) 1,1-Dichloroethene	4.330	96	133746	50.415	ug/l	97
13) Acrolein	4.165	56	221639	346.371	ug/l	99
14) Allyl chloride	5.012	41	211882	52.768	ug/l	95
15) Acrylonitrile	5.706	53	408207	275.433	ug/l	99
16) Acetone	4.418	43	313862	255.295	ug/l	98
17) Carbon Disulfide	4.700	76	351805	47.898	ug/l	99
18) Methyl Acetate	5.012	43	195106	56.701	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	498503	55.187	ug/l	99
20) Methylene Chloride	5.265	84	159181	49.065	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	143199	51.054	ug/l	99
22) Diisopropyl ether	6.665	45	503950	55.630	ug/l	97
23) Vinyl Acetate	6.594	43	1872807	275.075	ug/l	99
24) 1,1-Dichloroethane	6.559	63	281535	52.934	ug/l	99
25) 2-Butanone	7.477	43	525443	276.581	ug/l	98
26) 2,2-Dichloropropane	7.483	77	182577	41.597	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	178848	51.949	ug/l	99
28) Bromochloromethane	7.812	49	122369	50.640	ug/l	98
29) Tetrahydrofuran	7.836	42	348505	281.049	ug/l	97
30) Chloroform	7.965	83	274707	51.603	ug/l	98
31) Cyclohexane	8.253	56	245265	49.723	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	231483	51.575	ug/l	99
36) 1,1-Dichloropropene	8.365	75	195145	49.561	ug/l	100
37) Ethyl Acetate	7.559	43	207691	52.218	ug/l	98
38) Carbon Tetrachloride	8.359	117	192571	49.637	ug/l	99
39) Methylcyclohexane	9.600	83	215954	50.675	ug/l	97
40) Benzene	8.606	78	642170	49.995	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	116105	54.064	ug/l	99
42) 1,2-Dichloroethane	8.665	62	195440	48.839	ug/l	98
43) Isopropyl Acetate	8.683	43	359608	45.100	ug/l	98
44) Trichloroethene	9.347	130	145737	47.041	ug/l	98
45) 1,2-Dichloropropane	9.618	63	160238	52.514	ug/l	97
46) Dibromomethane	9.706	93	103887	50.457	ug/l	98
47) Bromodichloromethane	9.888	83	220474	51.971	ug/l	98
48) Methyl methacrylate	9.682	41	170126	55.061	ug/l	96
49) 1,4-Dioxane	9.694	88	61490	939.858	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	1045754	260.074	ug/l	99
52) Toluene	10.629	92	395921	49.594	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	236158	52.577	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	252902	51.580	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	149956	50.354	ug/l	95
56) Ethyl methacrylate	10.877	69	256083	53.557	ug/l	97
57) 1,3-Dichloropropane	11.159	76	260501	50.776	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	626076	292.973	ug/l	99
59) 2-Hexanone	11.200	43	696780	237.295	ug/l	99
60) Dibromochloromethane	11.359	129	160748	51.505	ug/l	99
61) 1,2-Dibromoethane	11.471	107	149112	49.827	ug/l	100
64) Tetrachloroethene	11.100	164	112600	38.174	ug/l	97
65) Chlorobenzene	11.888	112	421043	49.867	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	143457	52.631	ug/l	99
67) Ethyl Benzene	11.965	91	736205	50.906	ug/l	99
68) m/p-Xylenes	12.071	106	562521	102.694	ug/l	99
69) o-Xylene	12.394	106	277645	50.984	ug/l	98
70) Styrene	12.412	104	469860	52.699	ug/l	99
71) Bromoform	12.576	173	103953	53.626	ug/l #	98
73) Isopropylbenzene	12.694	105	676463	49.585	ug/l	100
74) N-amyl acetate	12.500	43	276584	48.524	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	220238	52.548	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	181937m	45.543	ug/l	
77) Bromobenzene	12.982	156	158915	46.307	ug/l	98
78) n-propylbenzene	13.035	91	781220	49.899	ug/l	100
79) 2-Chlorotoluene	13.123	91	499025	49.022	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	549556	50.279	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	80643	50.945	ug/l	97
82) 4-Chlorotoluene	13.223	91	491410	48.725	ug/l	98
83) tert-Butylbenzene	13.435	119	484496	50.829	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	558542	51.316	ug/l	100
85) sec-Butylbenzene	13.618	105	649838	50.844	ug/l	100
86) p-Isopropyltoluene	13.729	119	549161	52.419	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	285858	48.104	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	293263	49.808	ug/l	99
89) n-Butylbenzene	14.053	91	463266	53.341	ug/l	99
90) Hexachloroethane	14.335	117	97919	56.333	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	282360	49.956	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	43835	63.134	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	144933	60.747	ug/l	100
94) Hexachlorobutadiene	15.500	225	48029	48.521	ug/l	98
95) Naphthalene	15.641	128	542100	65.439	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	142416	60.954	ug/l	100

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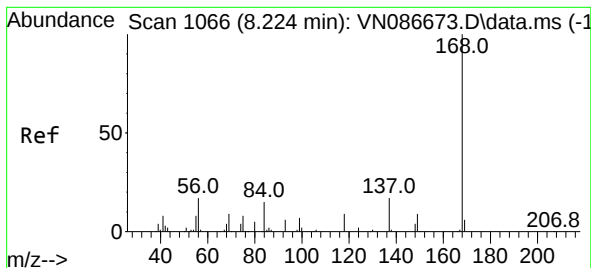
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

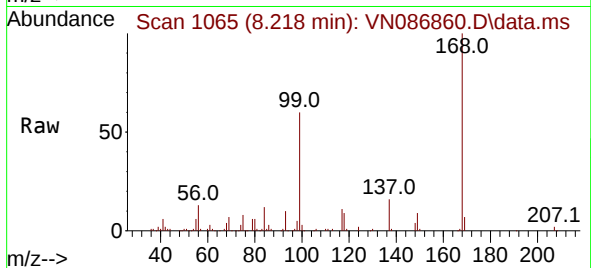
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086860.D
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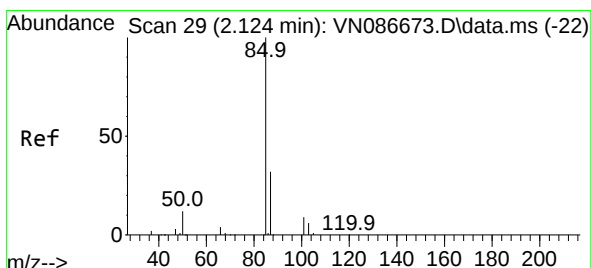
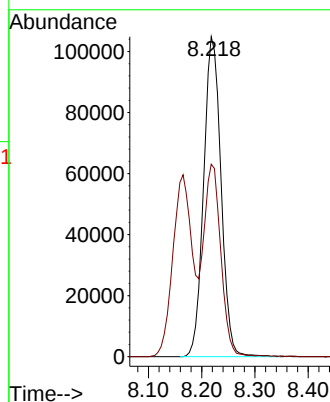
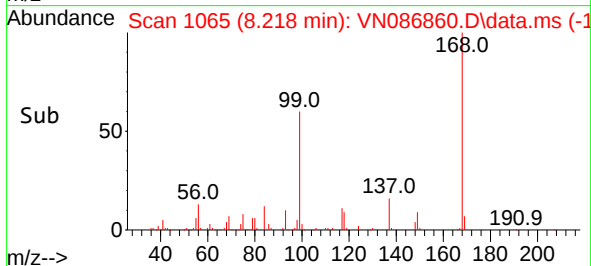
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 23784
Ion Ratio Lower Upper
168 100
99 59.9 47.0 70.4

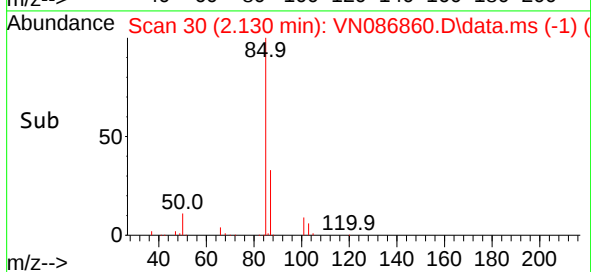
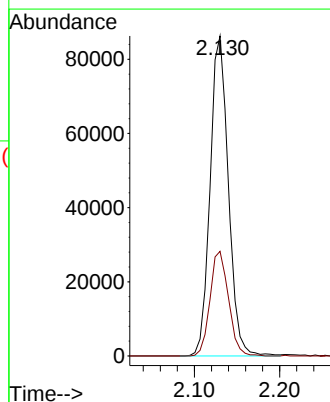
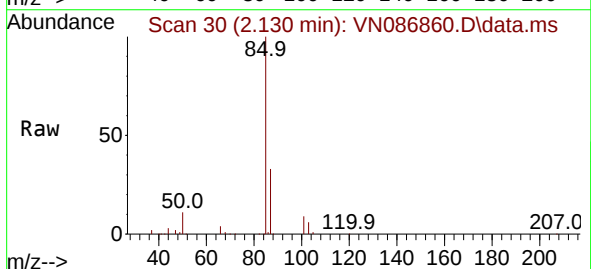
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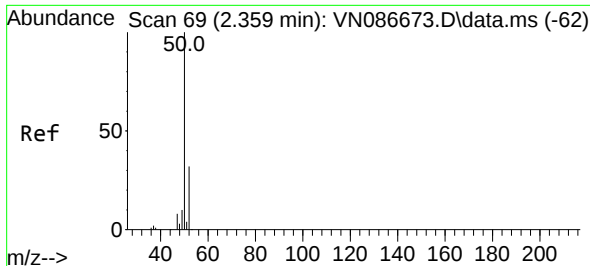
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#2
Dichlorodifluoromethane
Concen: 49.999 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

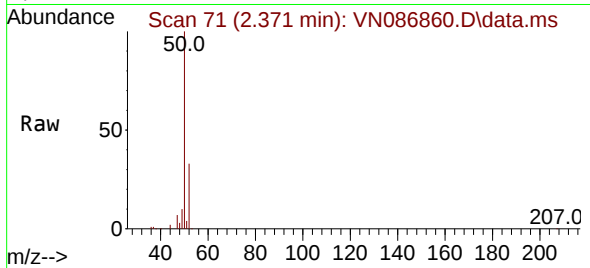
Tgt Ion: 85 Resp: 128426
Ion Ratio Lower Upper
85 100
87 32.7 15.9 47.6





#3
Chloromethane
Concen: 58.330 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

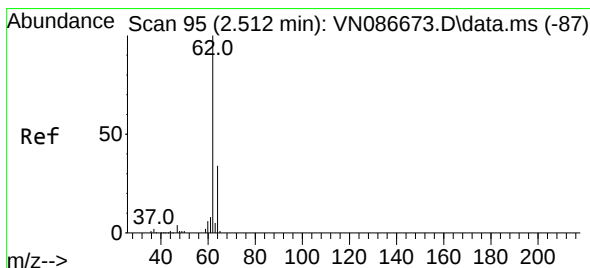
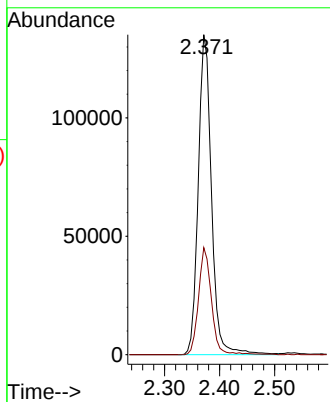
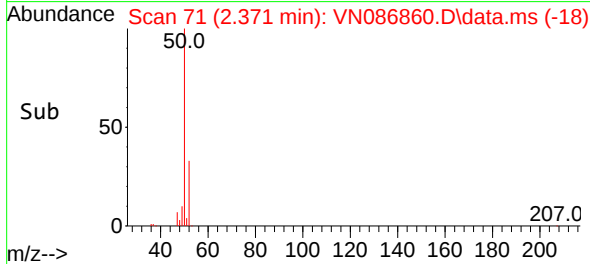
Instrument :
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Tgt Ion: 50 Resp: 226614
Ion Ratio Lower Upper
50 100
52 33.4 25.9 38.9

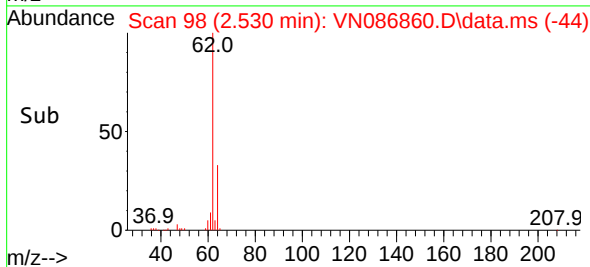
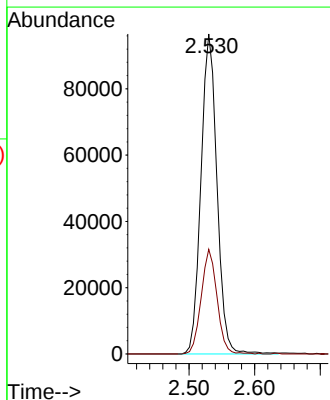
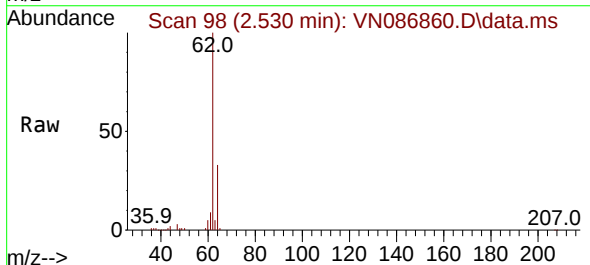
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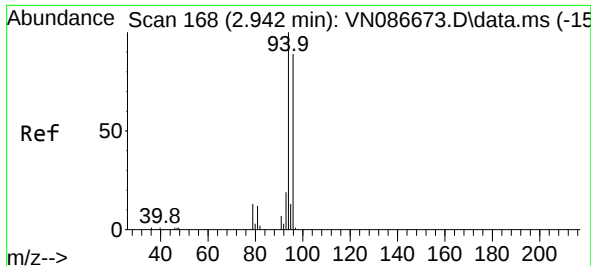
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#4
Vinyl Chloride
Concen: 47.140 ug/l
RT: 2.530 min Scan# 98
Delta R.T. 0.018 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

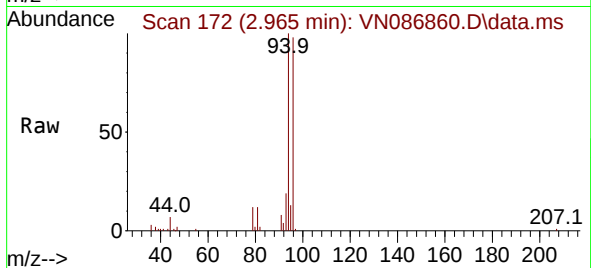
Tgt Ion: 62 Resp: 164476
Ion Ratio Lower Upper
62 100
64 32.7 26.9 40.3





#5
Bromomethane
Concen: 36.079 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

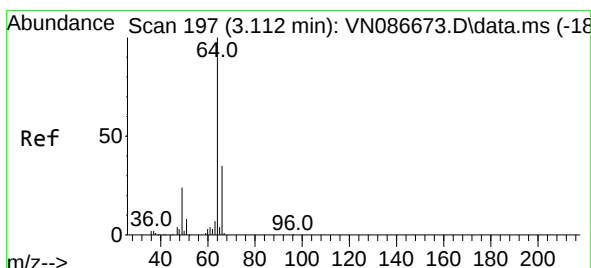
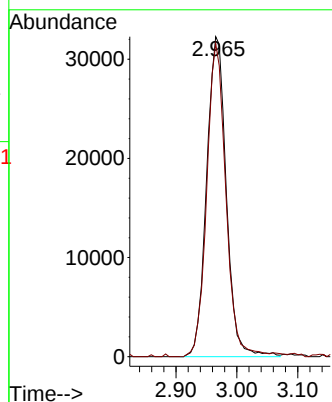
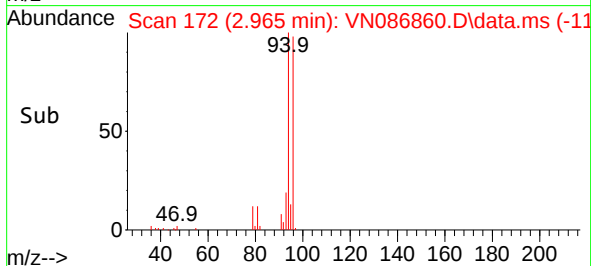
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Tgt Ion: 94 Resp: 72570
Ion Ratio Lower Upper
94 100
96 97.8 71.2 106.8

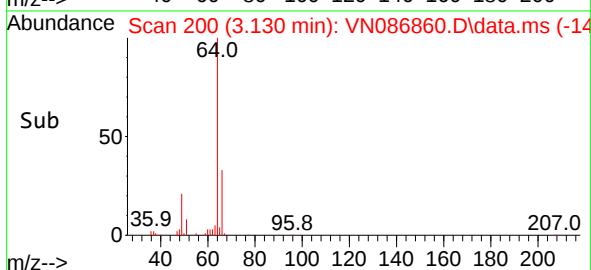
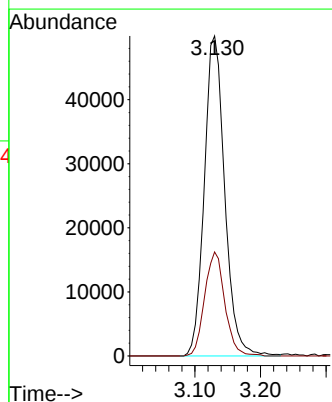
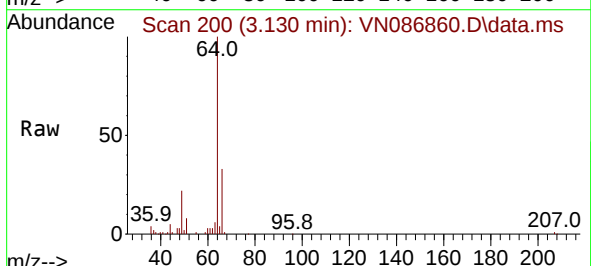
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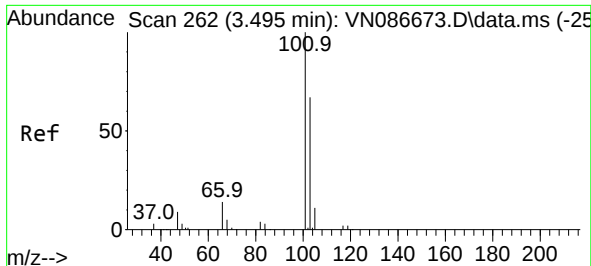
Reviewed By :John Carlone 06/04/2025
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#6
Chloroethane
Concen: 47.424 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.018 min
Lab File: VN086860.D
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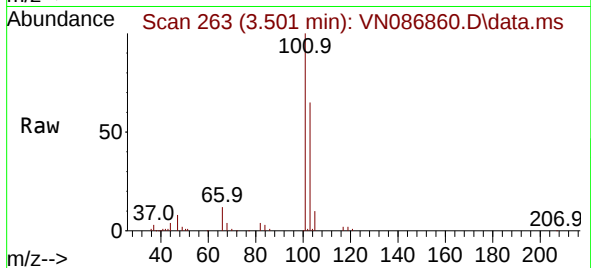
Tgt Ion: 64 Resp: 108395
Ion Ratio Lower Upper
64 100
66 32.5 27.7 41.5





#7
Trichlorofluoromethane
Concen: 50.136 ug/l
RT: 3.501 min Scan# 209050
Delta R.T. 0.006 min
Lab File: VN086860.D
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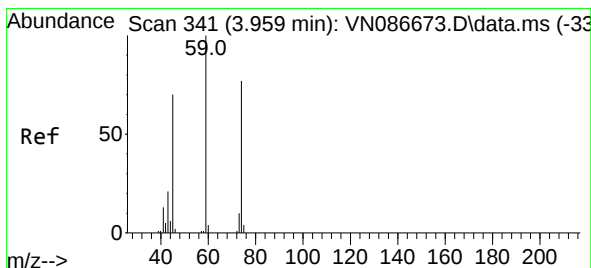
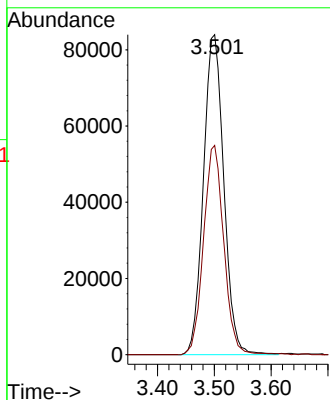
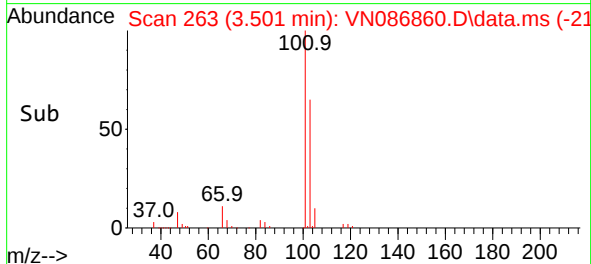
Instrument :
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Tgt Ion:101 Resp: 209050
Ion Ratio Lower Upper
101 100
103 65.4 53.4 80.0

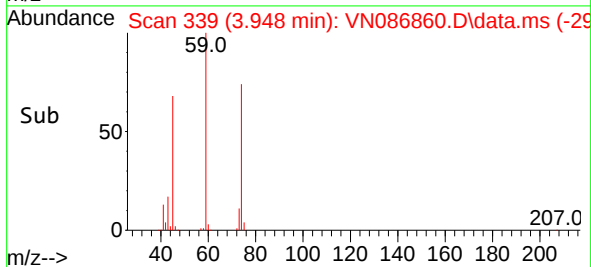
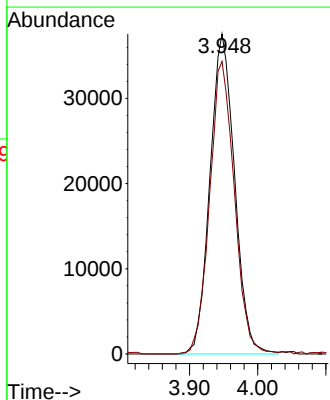
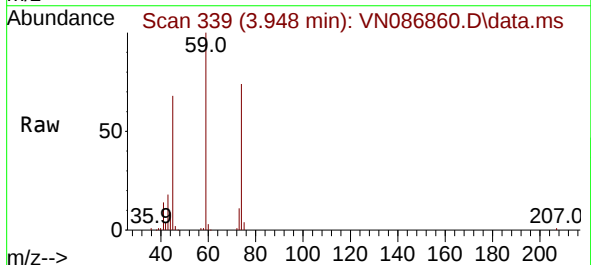
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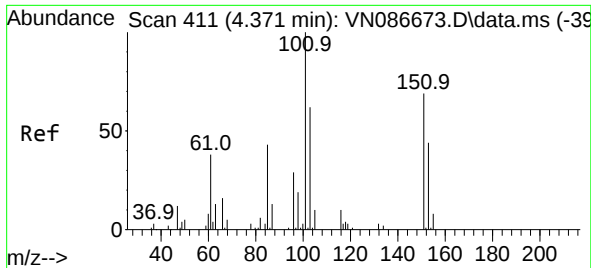
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#8
Diethyl Ether
Concen: 54.760 ug/l
RT: 3.948 min Scan# 339
Delta R.T. -0.012 min
Lab File: VN086860.D
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Tgt Ion: 74 Resp: 94325
Ion Ratio Lower Upper
74 100
45 91.6 45.0 135.0





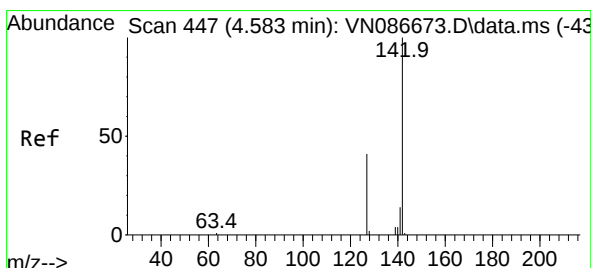
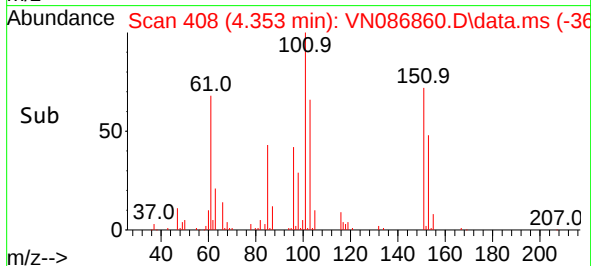
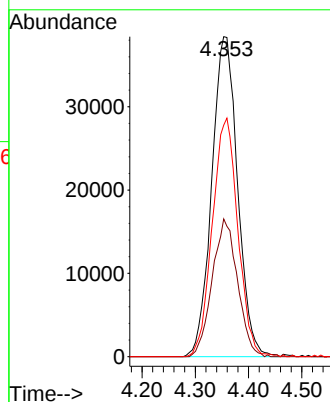
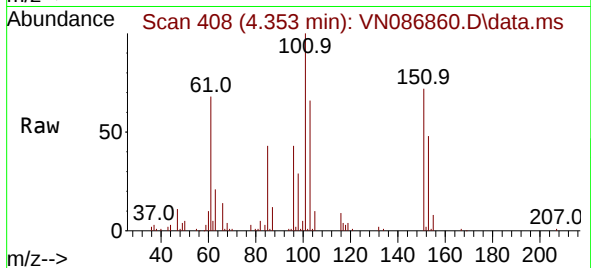
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.887 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.018 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 12952
Ion Ratio Lower Upper
101 100
85 42.1 35.0 52.6
151 73.6 58.1 87.1

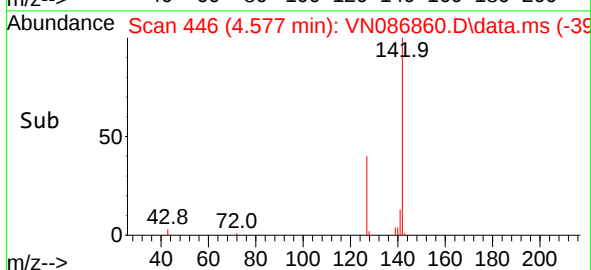
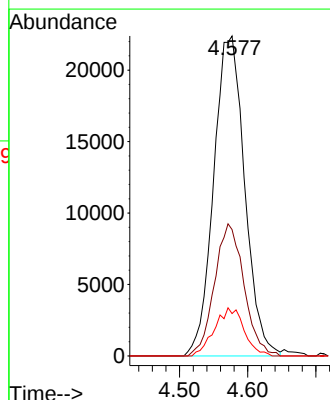
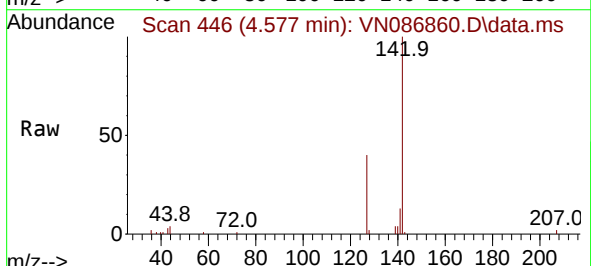
Manual Integrations
APPROVED

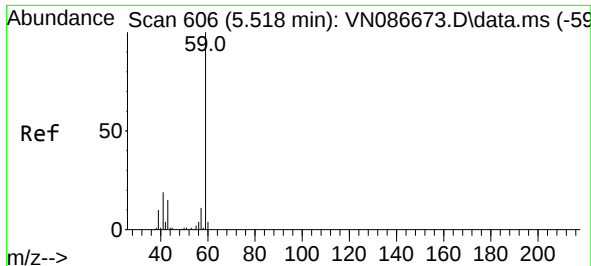
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#10
Methyl Iodide
Concen: 22.817 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

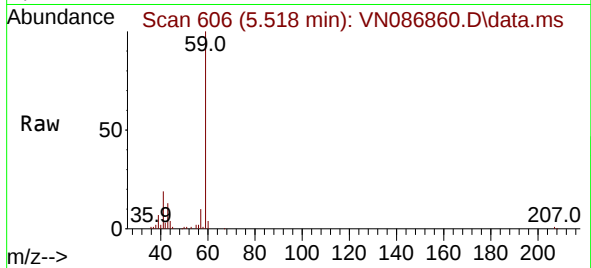
Tgt Ion:142 Resp: 70850
Ion Ratio Lower Upper
142 100
127 39.5 32.4 48.6
141 13.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 264.564 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

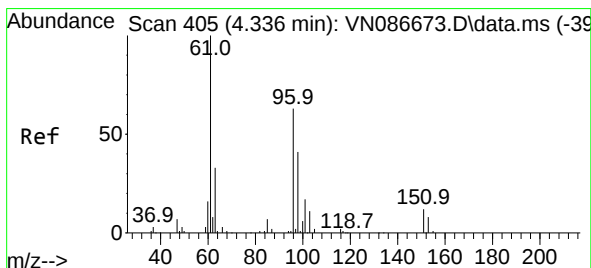
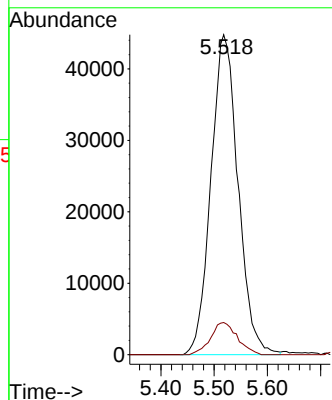
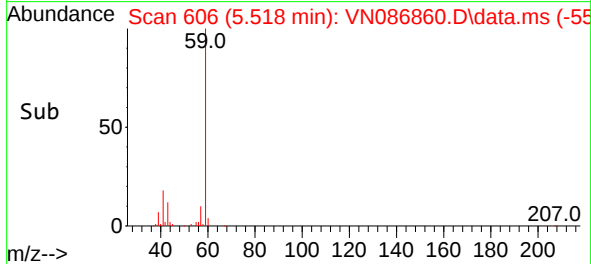
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



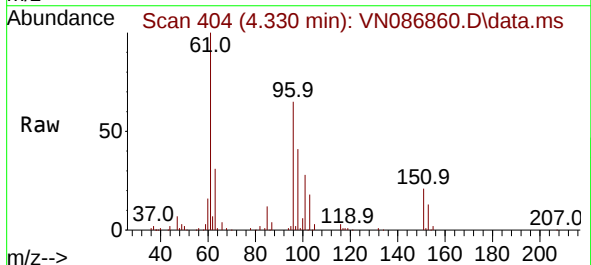
Tgt Ion: 59 Resp: 15836
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2

Manual Integrations
APPROVED

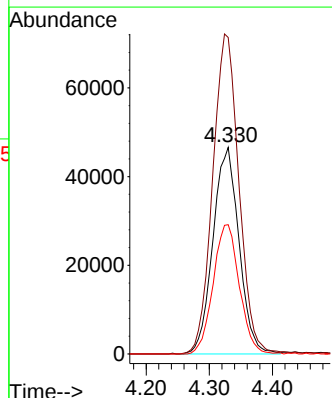
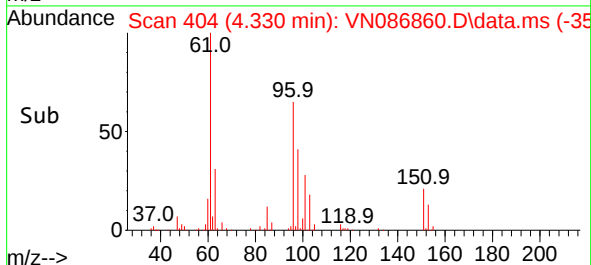
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

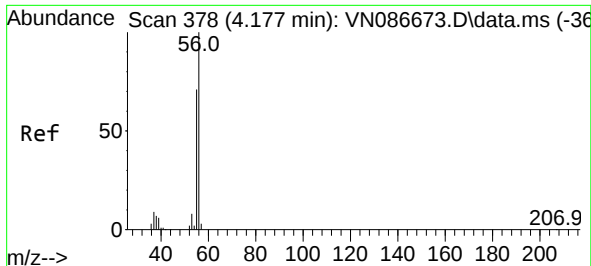


#12
1,1-Dichloroethene
Concen: 50.415 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13



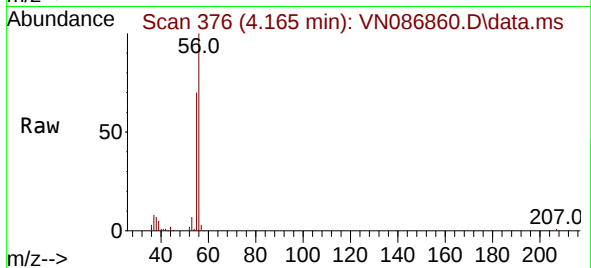
Tgt Ion: 96 Resp: 133746
Ion Ratio Lower Upper
96 100
61 153.2 126.2 189.2
98 62.5 51.5 77.3





#13
Acrolein
Concen: 346.371 ug/l
RT: 4.165 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

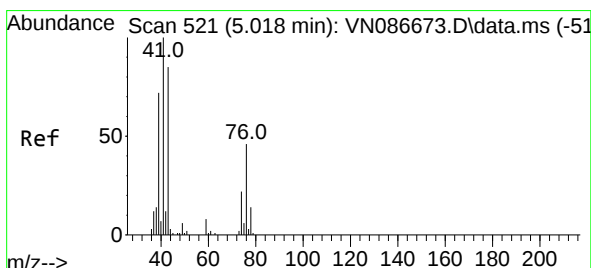
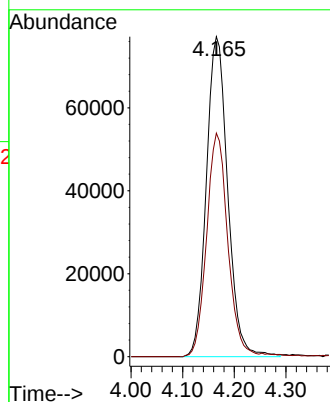
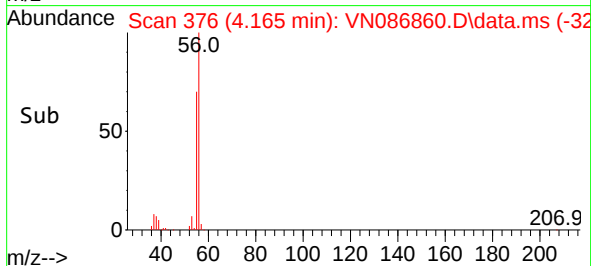
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 221639
Ion Ratio Lower Upper
56 100
55 69.0 55.7 83.5

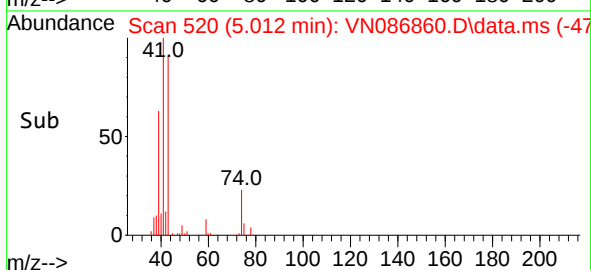
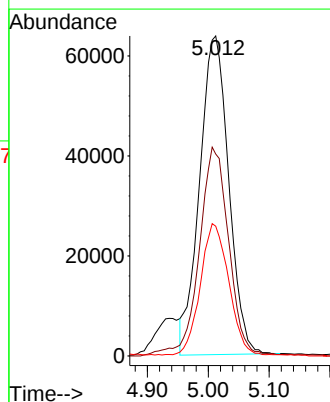
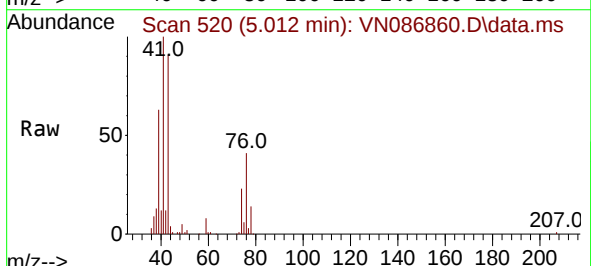
Manual Integrations
APPROVED

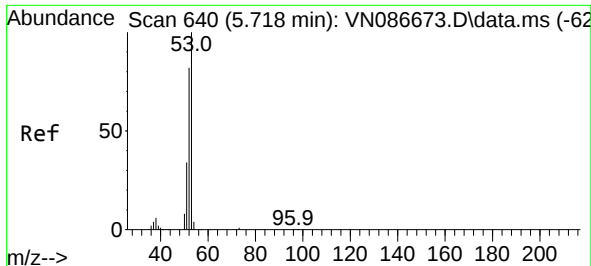
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#14
Allyl chloride
Concen: 52.768 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

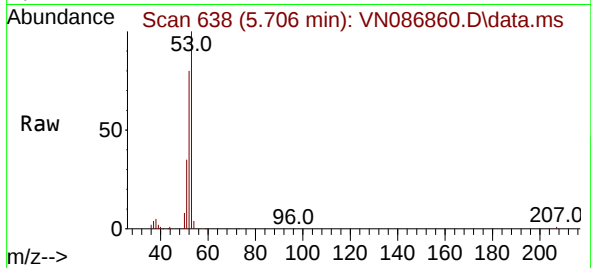
Tgt Ion: 41 Resp: 211882
Ion Ratio Lower Upper
41 100
39 66.7 57.4 86.0
76 40.2 33.2 49.8





#15
Acrylonitrile
Concen: 275.433 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

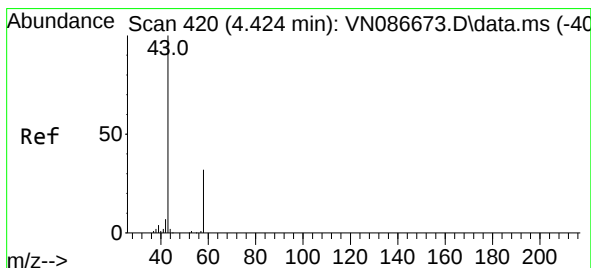
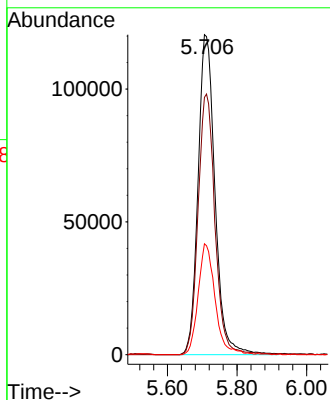
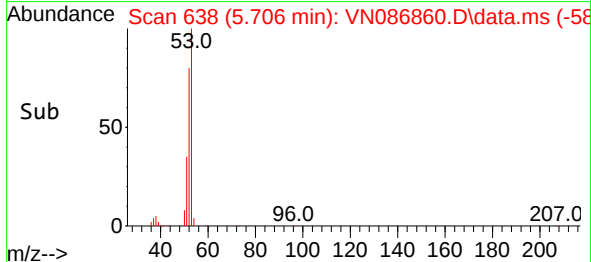
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 40820
Ion Ratio Lower Upper
53 100
52 81.0 65.4 98.2
51 34.7 27.9 41.9

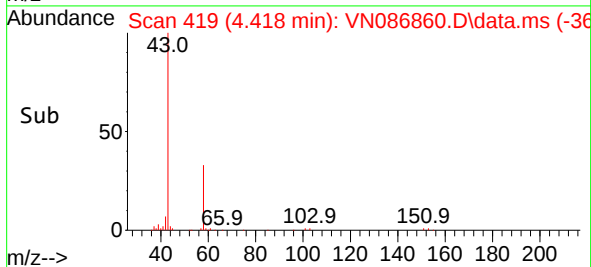
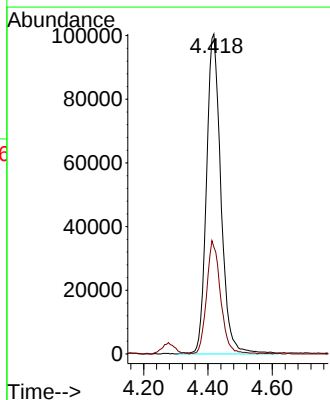
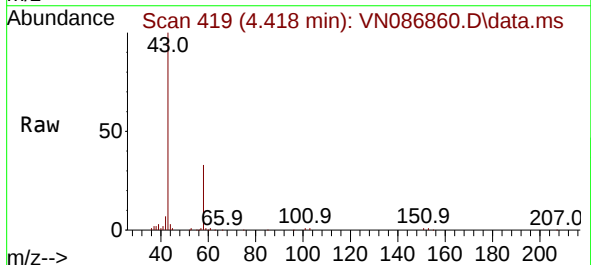
Manual Integrations
APPROVED

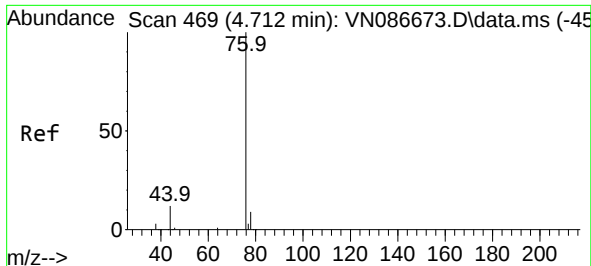
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#16
Acetone
Concen: 255.295 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

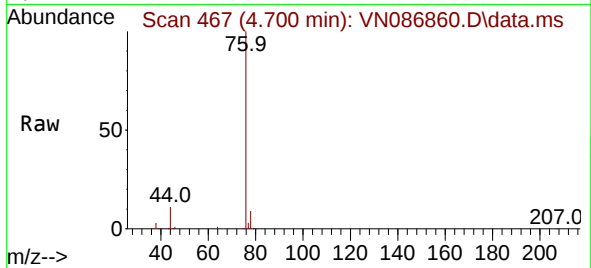
Tgt Ion: 43 Resp: 313862
Ion Ratio Lower Upper
43 100
58 33.2 25.8 38.6





#17
Carbon Disulfide
Concen: 47.898 ug/l
RT: 4.700 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

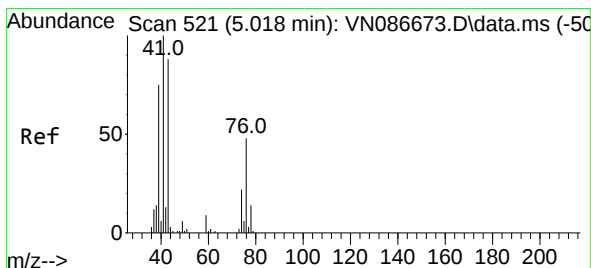
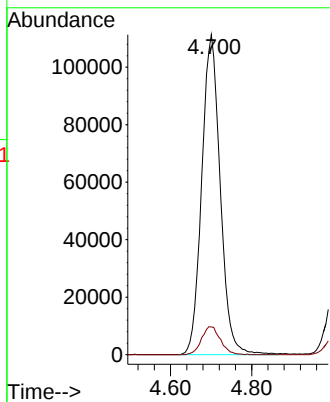
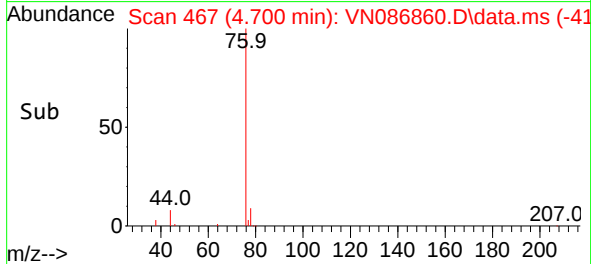
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



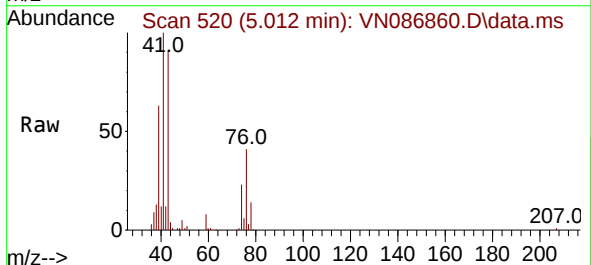
Tgt Ion: 76 Resp: 35180
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9

Manual Integrations
APPROVED

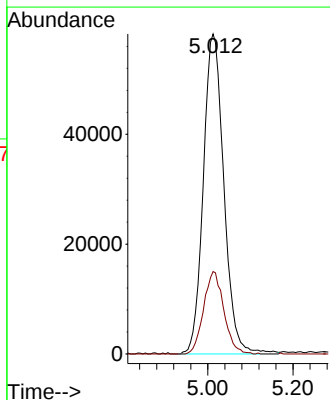
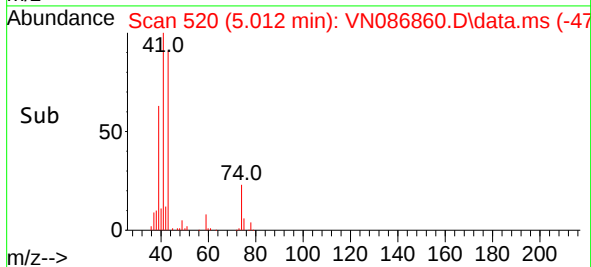
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

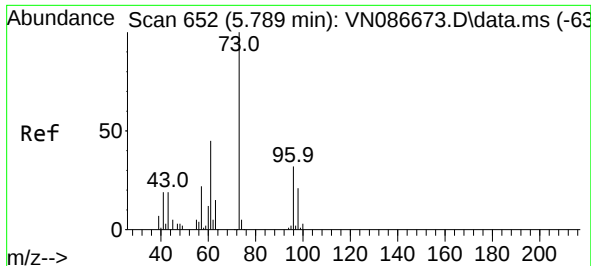


#18
Methyl Acetate
Concen: 56.701 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13



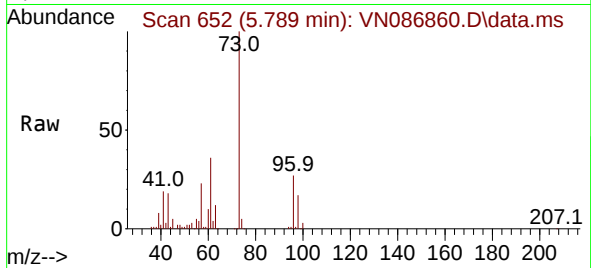
Tgt Ion: 43 Resp: 195106
Ion Ratio Lower Upper
43 100
74 25.3 20.5 30.7





#19
Methyl tert-butyl Ether
Concen: 55.187 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

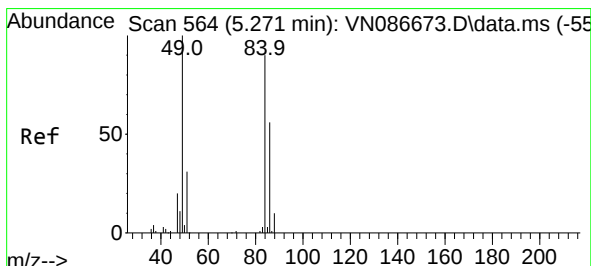
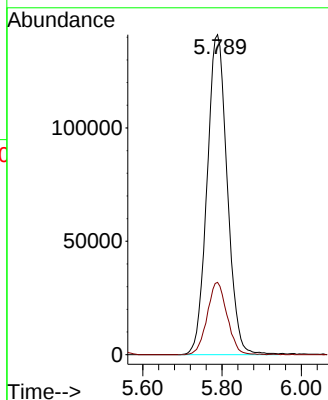
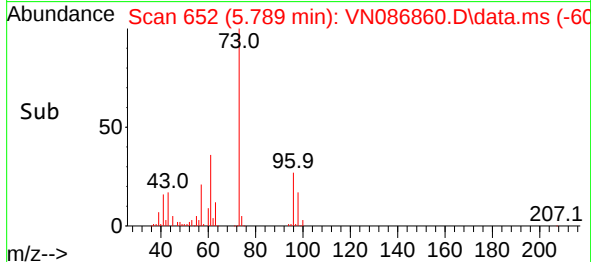
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 49850
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5

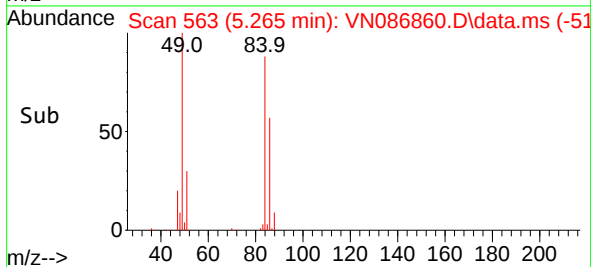
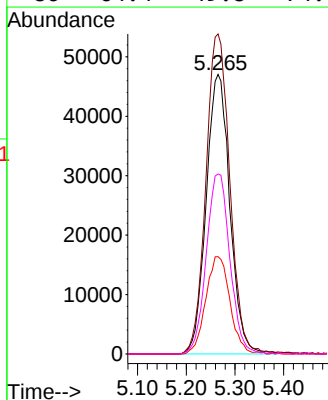
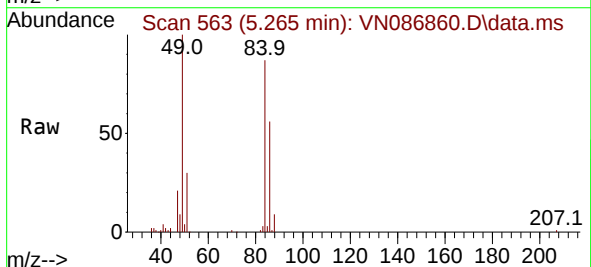
Manual Integrations
APPROVED

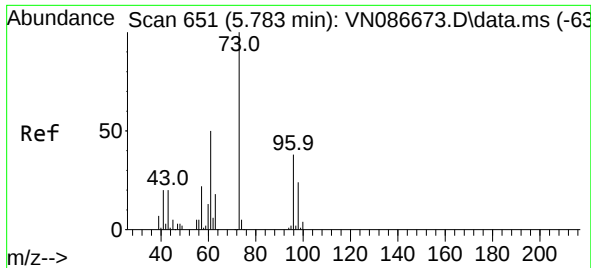
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#20
Methylene Chloride
Concen: 49.065 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

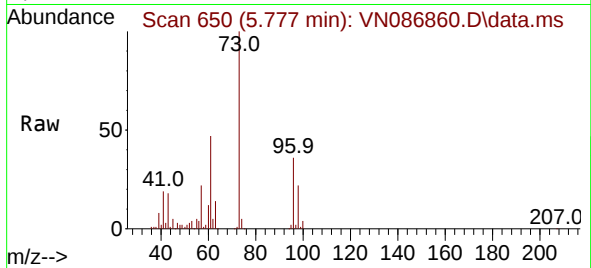
Tgt Ion: 84 Resp: 159181
Ion Ratio Lower Upper
84 100
49 114.5 88.8 133.2
51 34.8 27.8 41.6
86 64.4 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 51.054 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

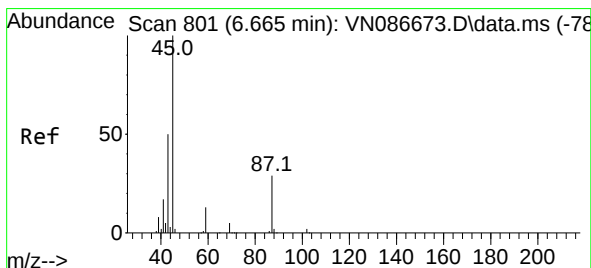
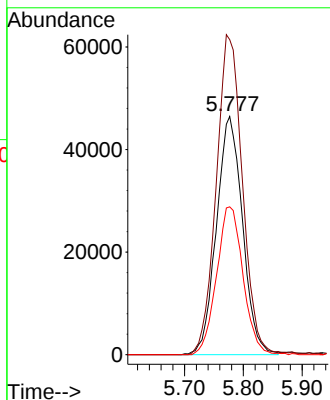
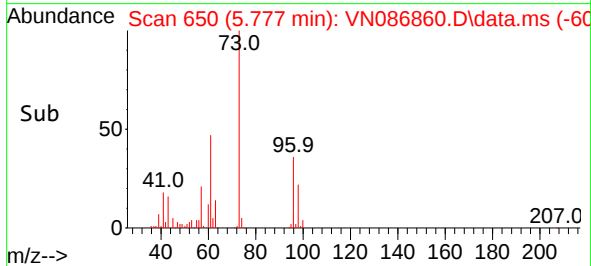
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 143199
Ion Ratio Lower Upper
96 100
61 132.3 105.7 158.5
98 62.0 51.0 76.6

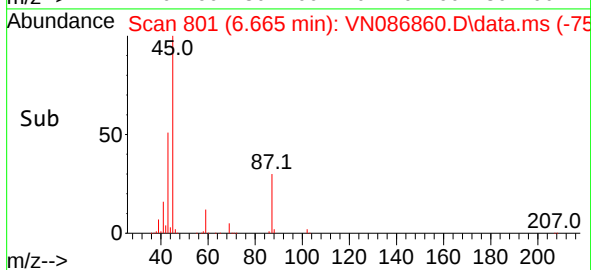
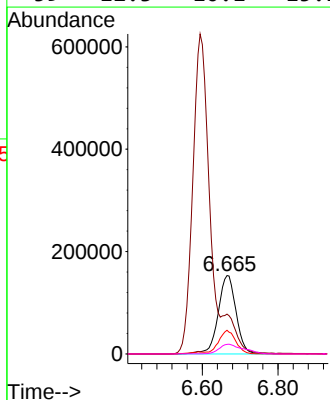
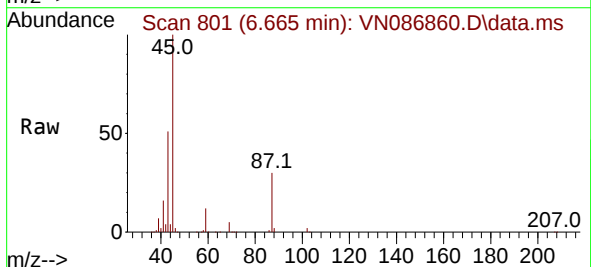
Manual Integrations
APPROVED

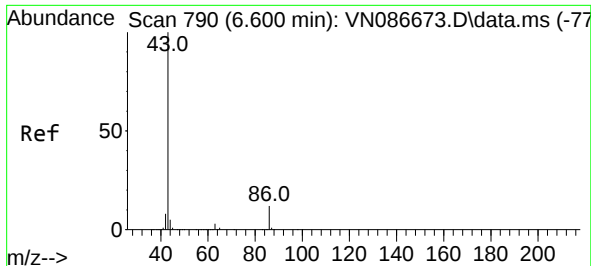
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#22
Diisopropyl ether
Concen: 55.630 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 45 Resp: 503950
Ion Ratio Lower Upper
45 100
43 49.7 41.4 62.2
87 30.1 22.9 34.3
59 12.3 10.1 15.1





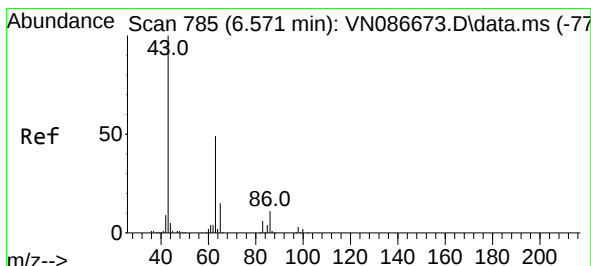
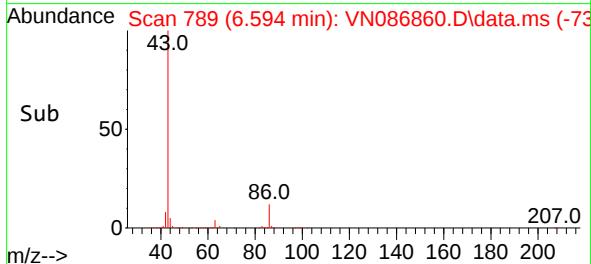
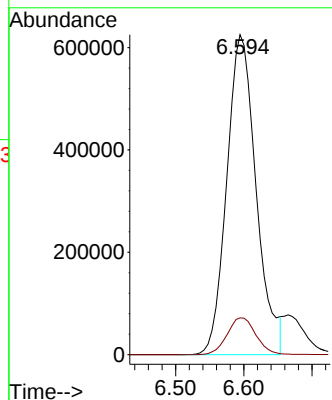
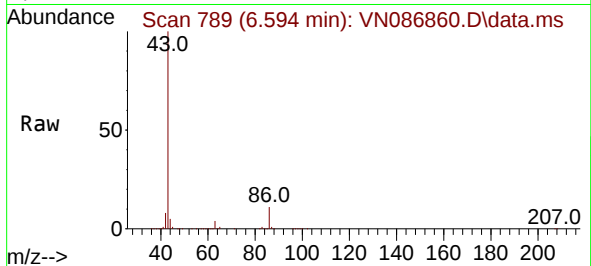
#23
 Vinyl Acetate
 Concen: 275.075 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN086860.D
 Acq: 03 Jun 2025 22:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 187280
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.5 14.3

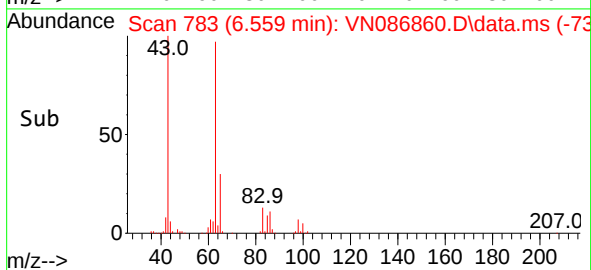
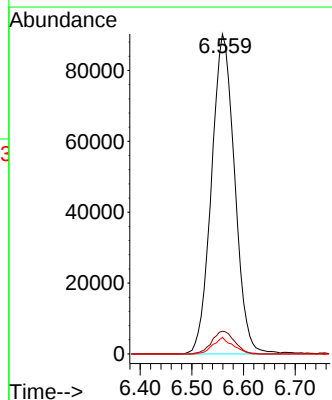
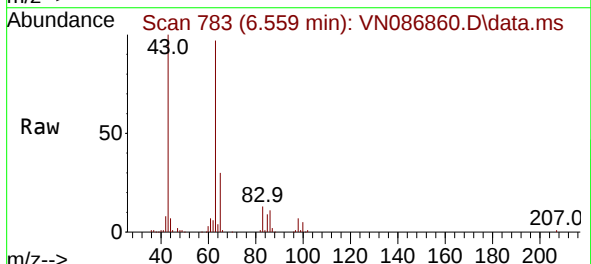
Manual Integrations
 APPROVED

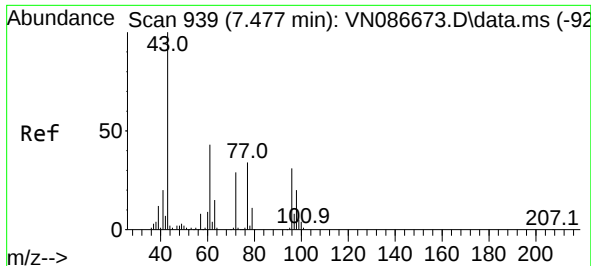
Reviewed By :John Carlone 06/04/2025
 Supervised By :Mahesh Dadoda 06/04/2025



#24
 1,1-Dichloroethane
 Concen: 52.934 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN086860.D
 Acq: 03 Jun 2025 22:13

Tgt Ion: 63 Resp: 281535
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.2
 100 5.2 2.4 7.1





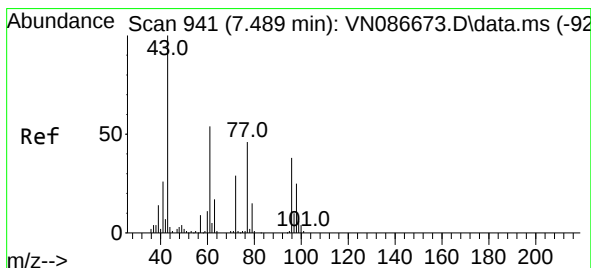
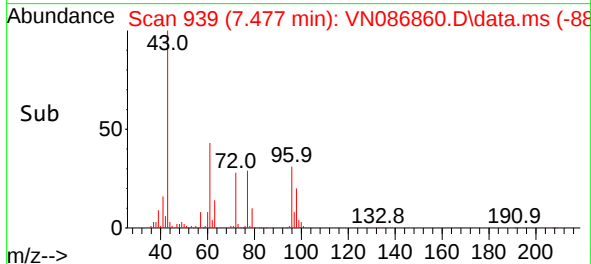
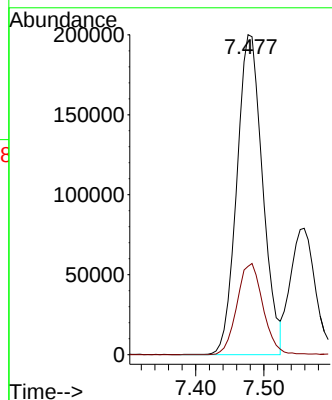
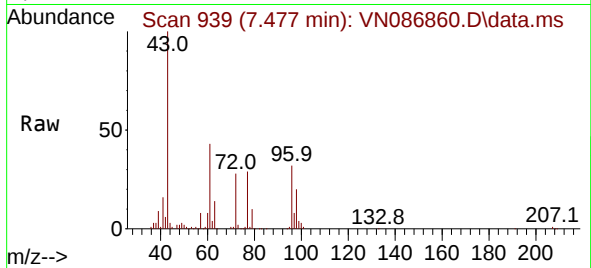
#25
2-Butanone
Concen: 276.581 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 52544
Ion Ratio Lower Upper
43 100
72 27.6 23.1 34.7

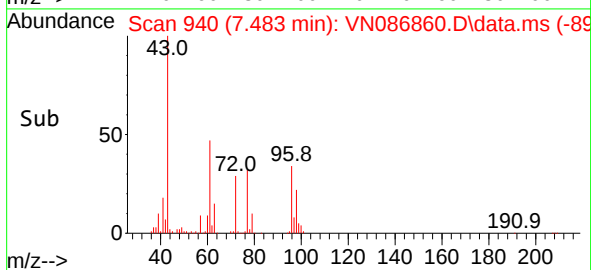
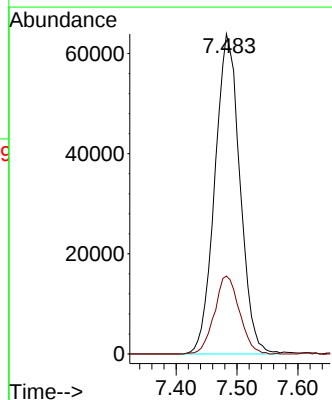
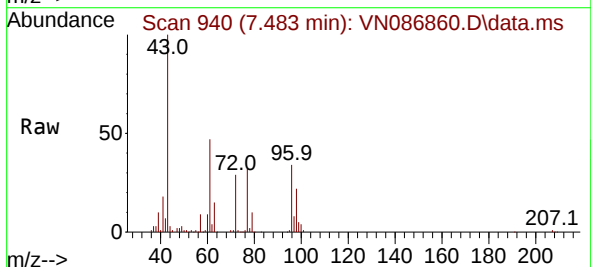
Manual Integrations
APPROVED

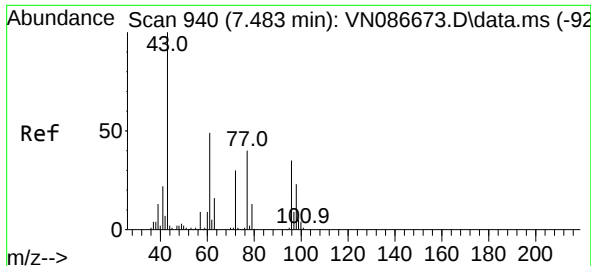
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#26
2,2-Dichloropropane
Concen: 41.597 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

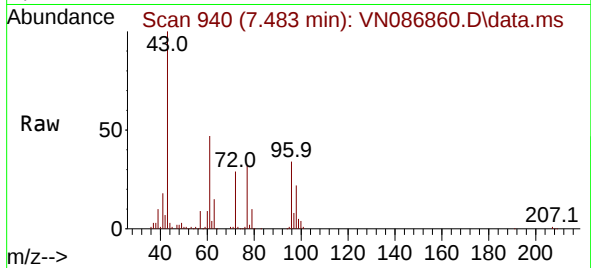
Tgt Ion: 77 Resp: 182577
Ion Ratio Lower Upper
77 100
97 24.3 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 51.949 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086860.D
 Acq: 03 Jun 2025 22:13

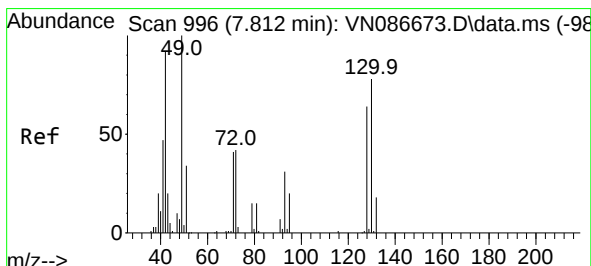
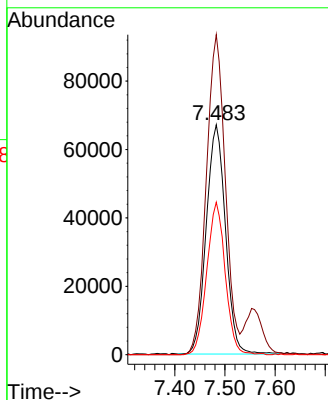
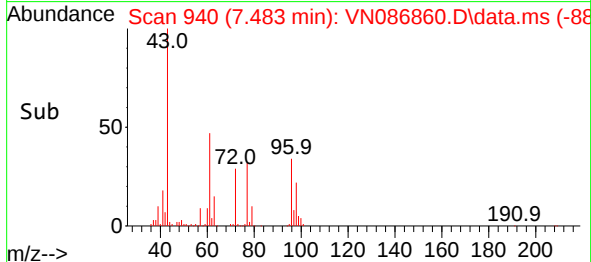
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 17884
 Ion Ratio Lower Upper
 96 100
 61 137.6 0.0 277.4
 98 63.8 0.0 129.6

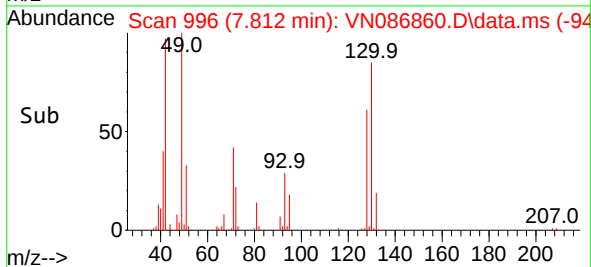
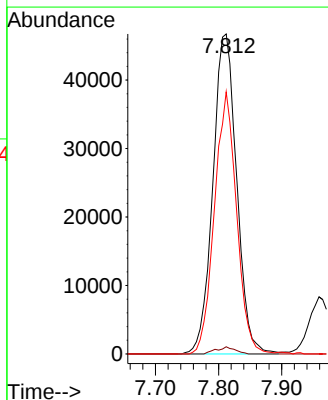
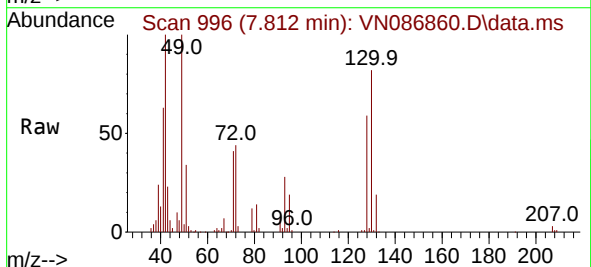
Manual Integrations
 APPROVED

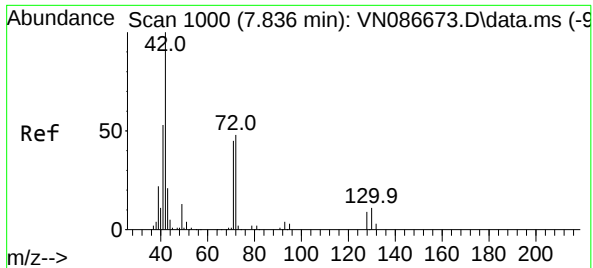
Reviewed By :John Carlone 06/04/2025
 Supervised By :Mahesh Dadoda 06/04/2025



#28
 Bromochloromethane
 Concen: 50.640 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN086860.D
 Acq: 03 Jun 2025 22:13

Tgt Ion: 49 Resp: 122369
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 76.2 62.2 93.4





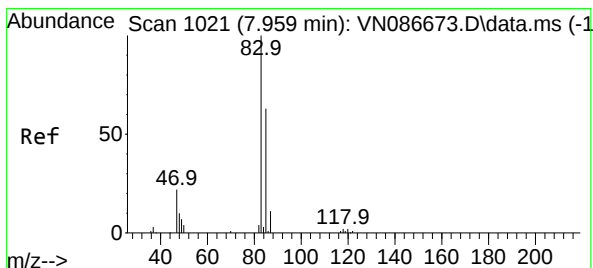
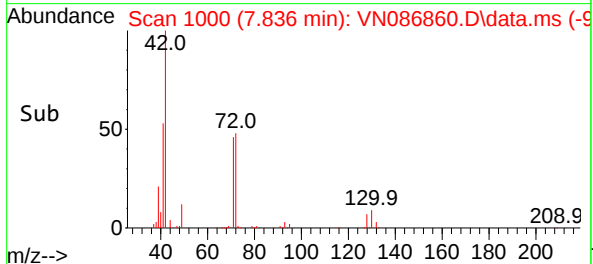
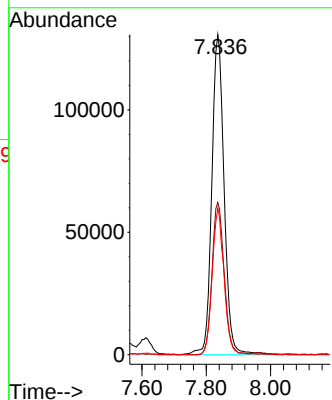
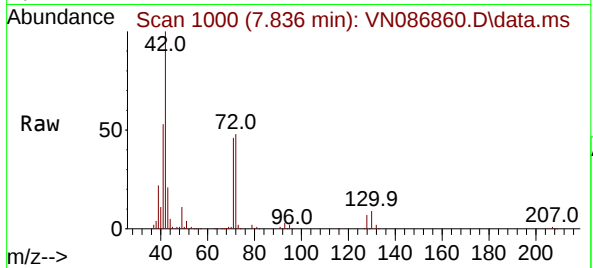
#29
Tetrahydrofuran
Concen: 281.049 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 34850
Ion Ratio Lower Upper
42 100
72 46.8 38.7 58.1
71 43.5 36.2 54.4

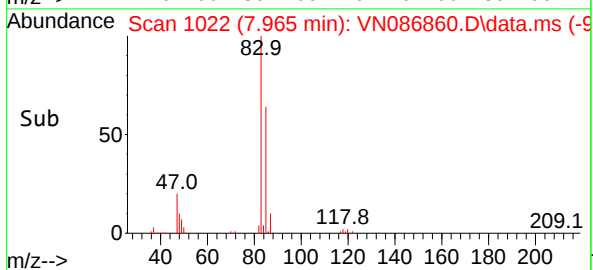
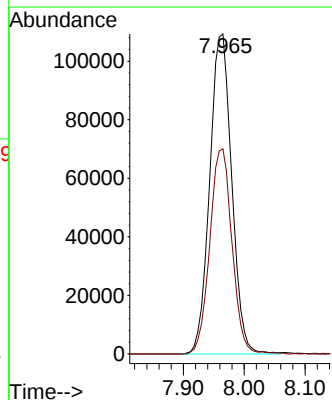
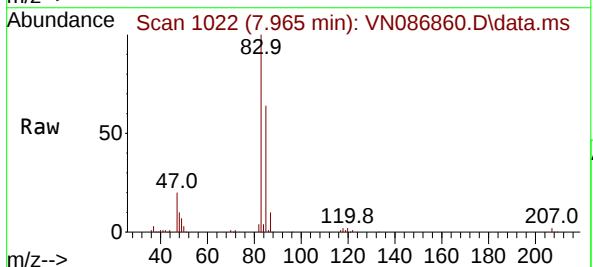
Manual Integrations
APPROVED

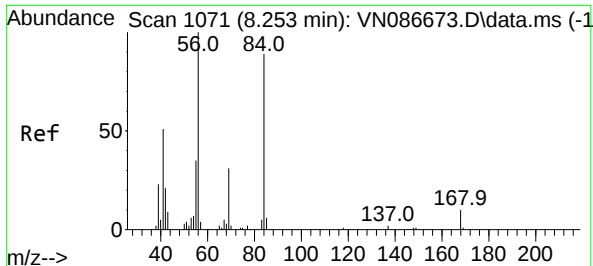
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#30
Chloroform
Concen: 51.603 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

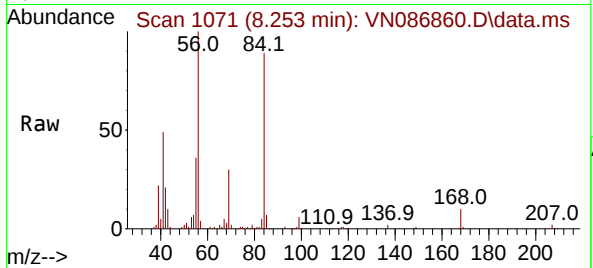
Tgt Ion: 83 Resp: 274707
Ion Ratio Lower Upper
83 100
85 64.1 50.2 75.4





#31
Cyclohexane
Concen: 49.723 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

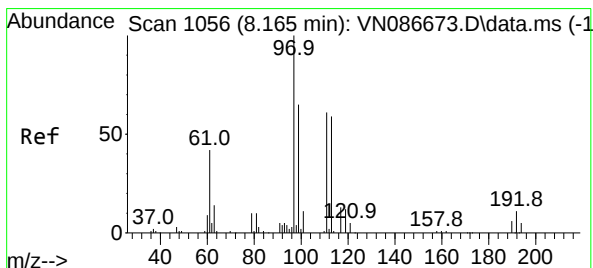
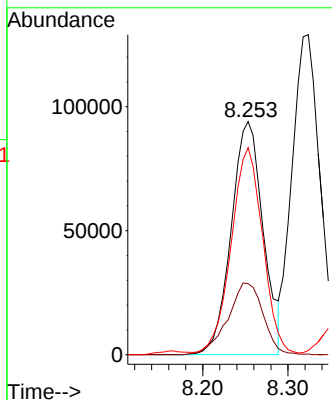
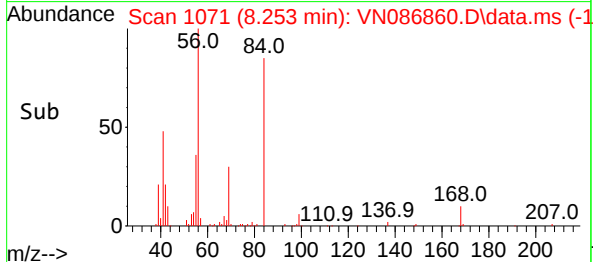
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



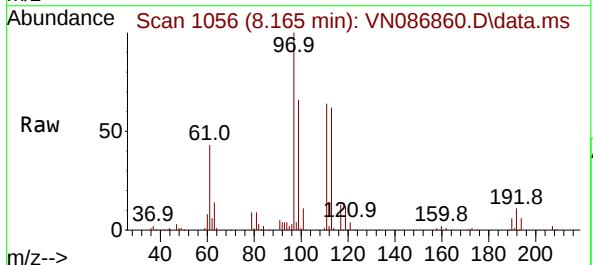
Tgt Ion: 56 Resp: 24526
Ion Ratio Lower Upper
56 100
69 30.5 25.0 37.6
84 87.6 71.0 106.4

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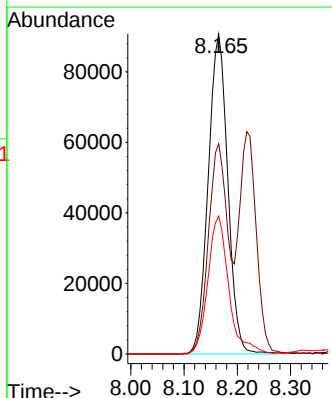
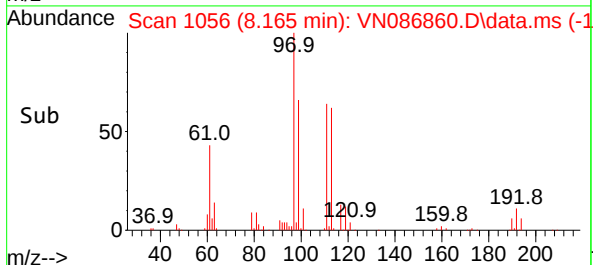
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

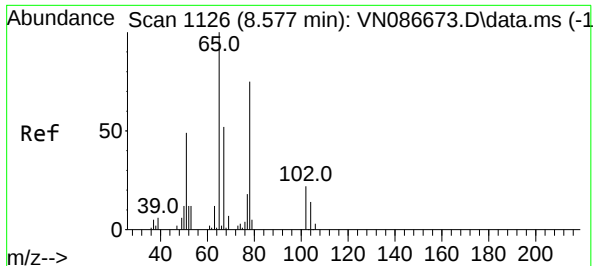


#32
1,1,1-Trichloroethane
Concen: 51.575 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13



Tgt Ion: 97 Resp: 231483
Ion Ratio Lower Upper
97 100
99 66.7 52.6 79.0
61 46.1 37.7 56.5





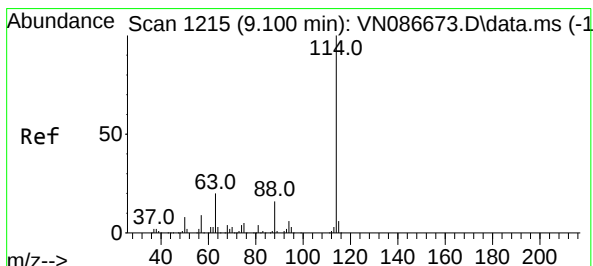
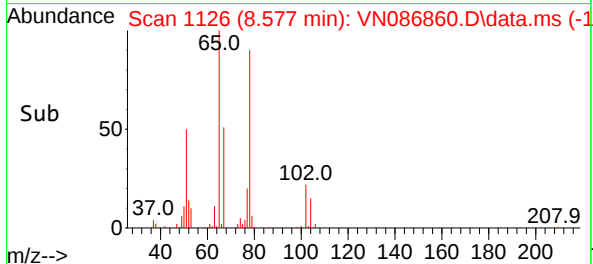
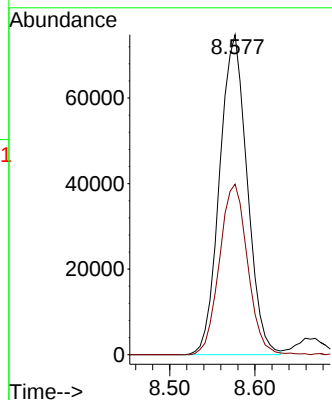
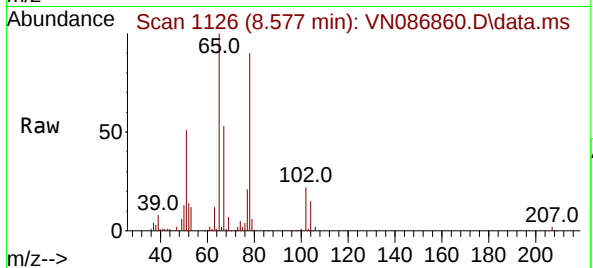
#33
1,2-Dichloroethane-d4
Concen: 51.104 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 167960
Ion Ratio Lower Upper
65 100
67 54.4 0.0 106.4

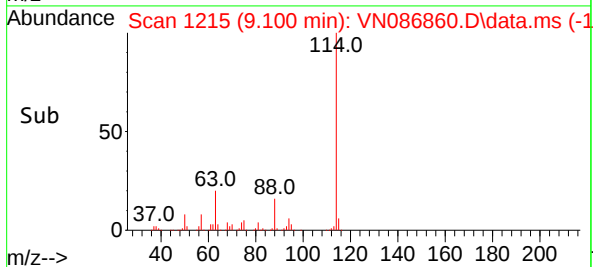
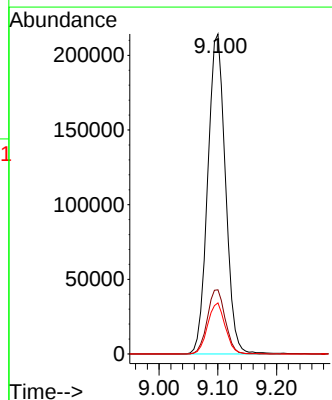
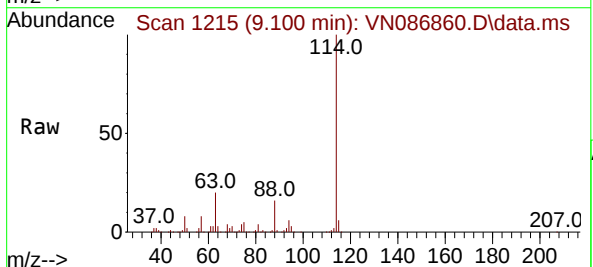
Manual Integrations
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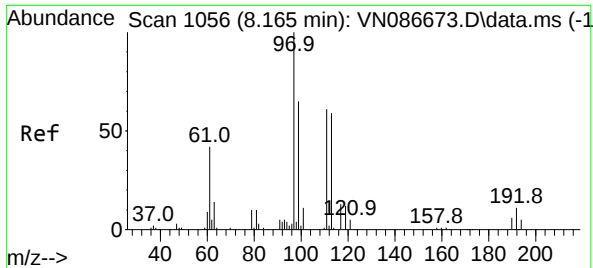
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

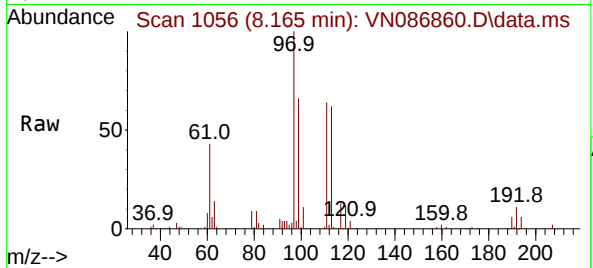
Tgt Ion:114 Resp: 448231
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.2
88 15.9 0.0 31.2





#35
Dibromofluoromethane
Concen: 51.616 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

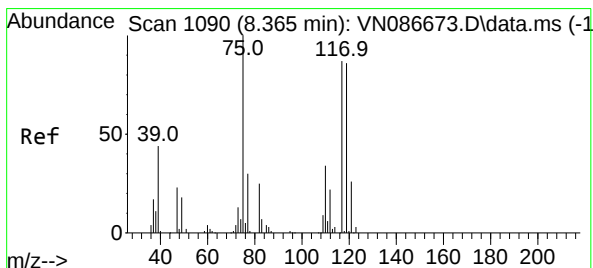
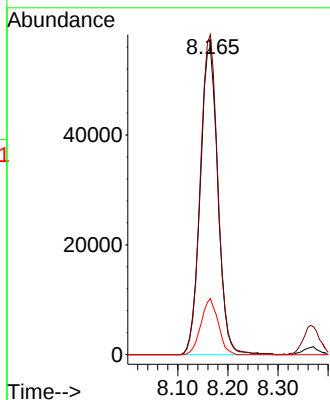
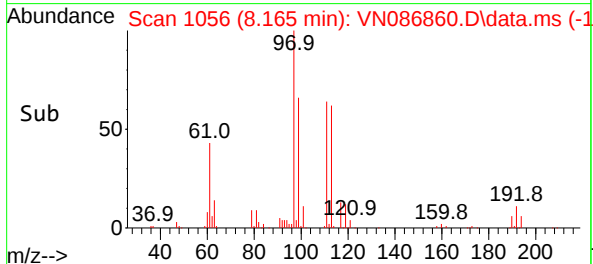
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 137784
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 17.7 13.8 20.8

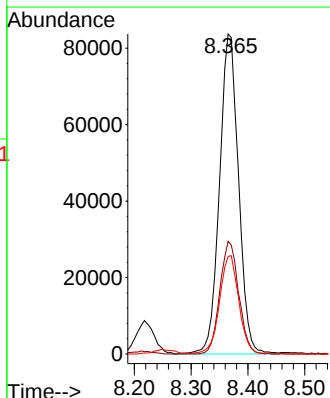
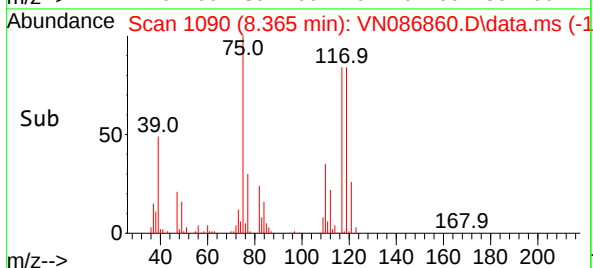
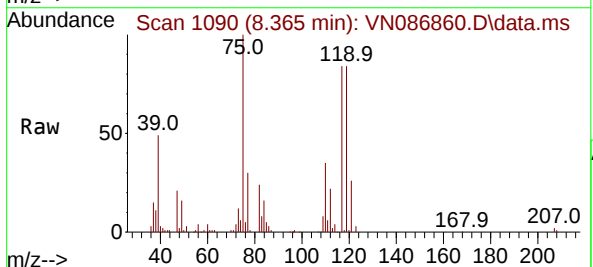
Manual Integrations
APPROVED

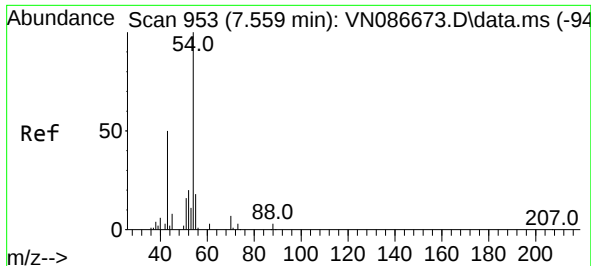
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#36
1,1-Dichloropropene
Concen: 49.561 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 75 Resp: 195145
Ion Ratio Lower Upper
75 100
110 34.8 17.5 52.5
77 31.1 25.1 37.7





#37

Ethyl Acetate

Concen: 52.218 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN086860.D

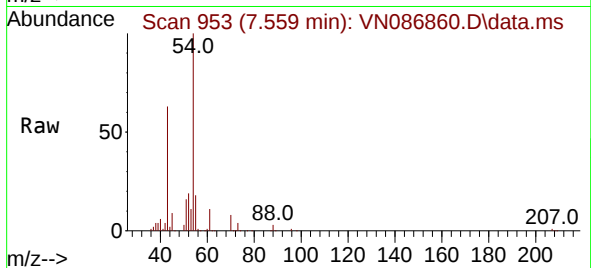
Acq: 03 Jun 2025 22:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



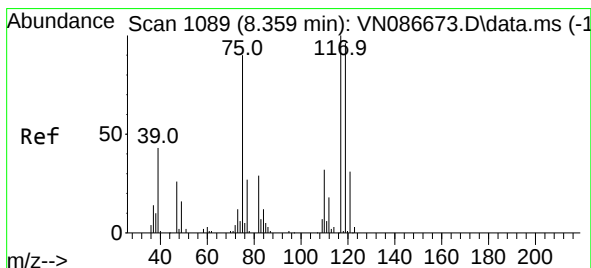
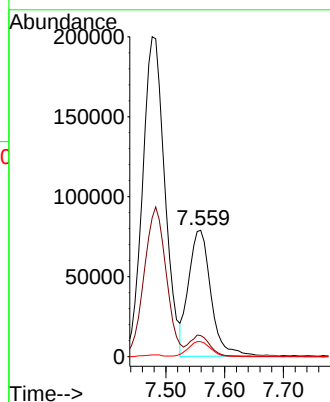
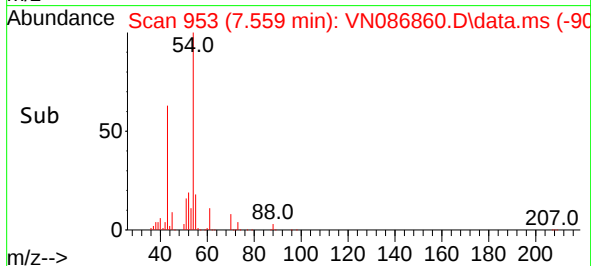
Tgt Ion:	43	Resp:	20769
Ion	Ratio	Lower	Upper
43	100		
61	15.5	11.6	17.4
70	12.1	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/04/2025

Supervised By :Mahesh Dadoda 06/04/2025



#38

Carbon Tetrachloride

Concen: 49.637 ug/l

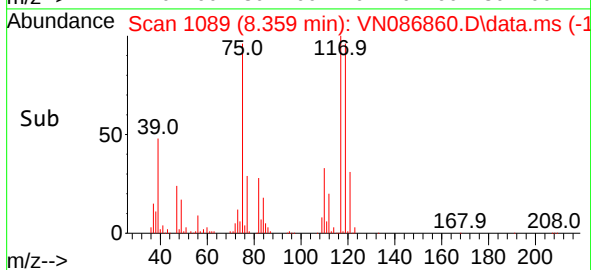
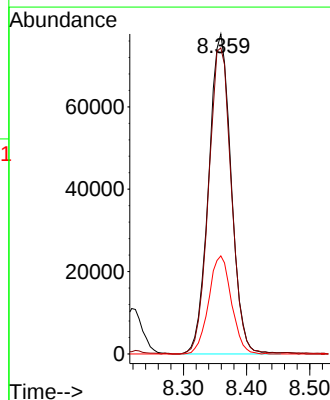
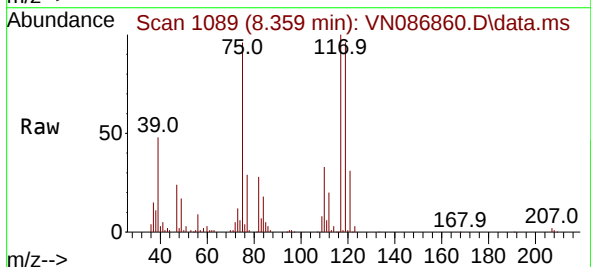
RT: 8.359 min Scan# 1089

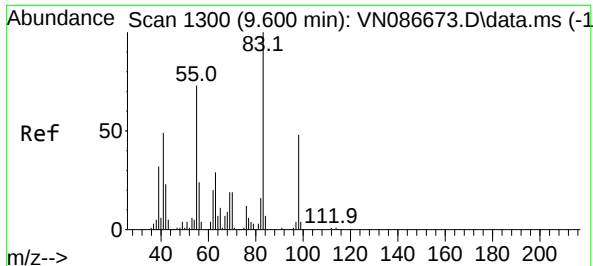
Delta R.T. -0.000 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

Tgt Ion:	117	Resp:	192571
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.0	115.6
121	30.7	25.0	37.6





#39

Methylcyclohexane

Concen: 50.675 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

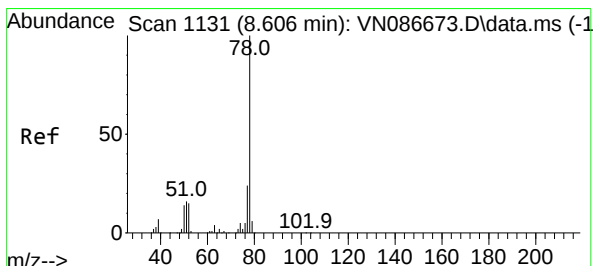
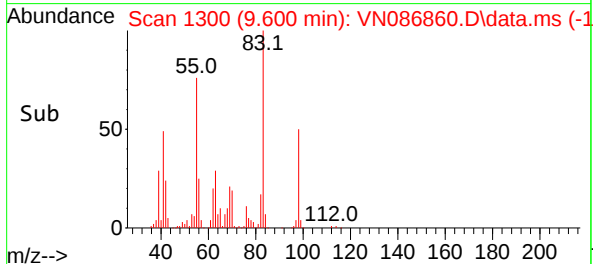
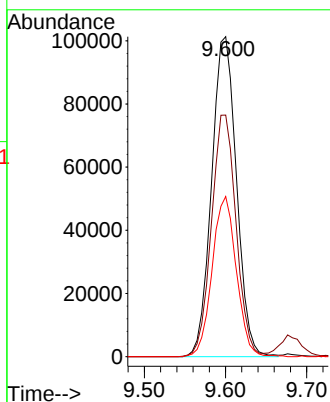
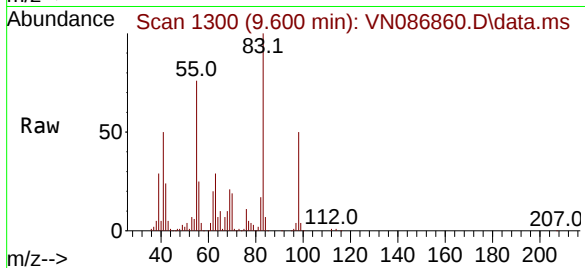
Tgt Ion: 83	Resp: 215954
Ion Ratio	Lower Upper
83 100	
55 75.5	58.2 87.4
98 50.1	38.4 57.6

Manual Integrations

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Reviewed By :John Carlone 06/04/2025

Supervised By :Mahesh Dadoda 06/04/2025



#40

Benzene

Concen: 49.995 ug/l

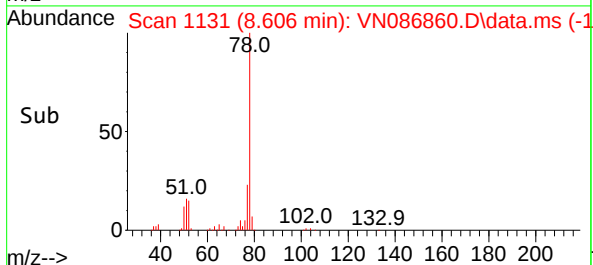
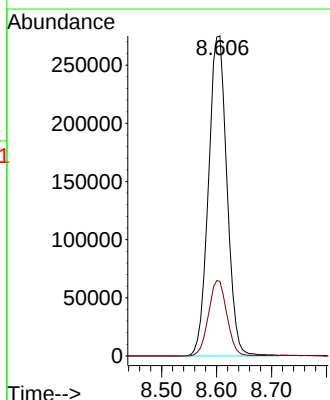
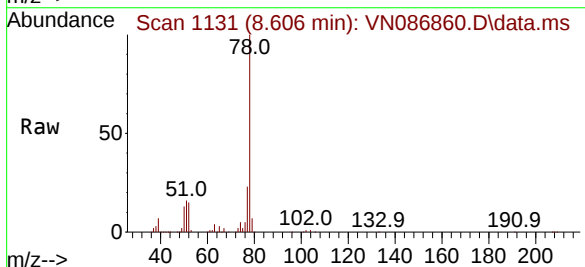
RT: 8.606 min Scan# 1131

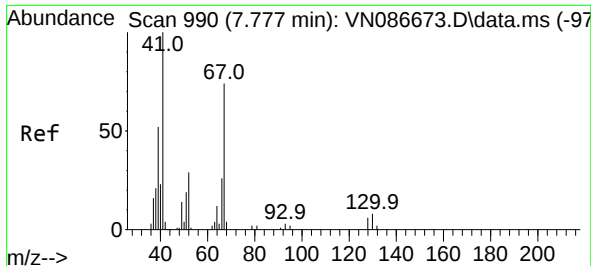
Delta R.T. -0.000 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

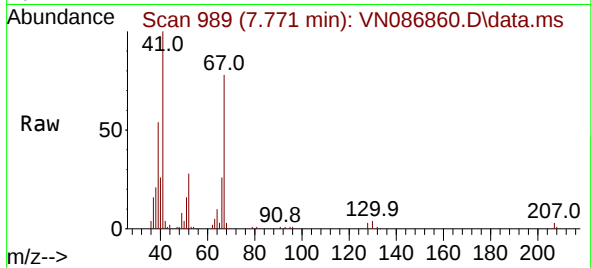
Tgt Ion: 78	Resp: 642170
Ion Ratio	Lower Upper
78 100	
77 23.3	19.1 28.7





#41
Methacrylonitrile
Concen: 54.064 ug/l
RT: 7.771 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

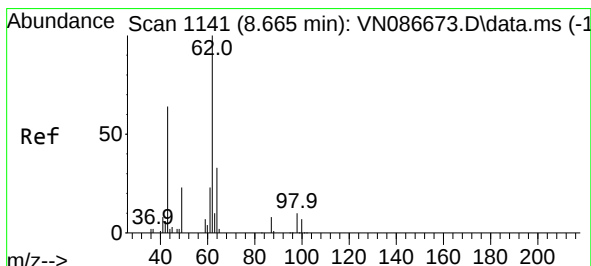
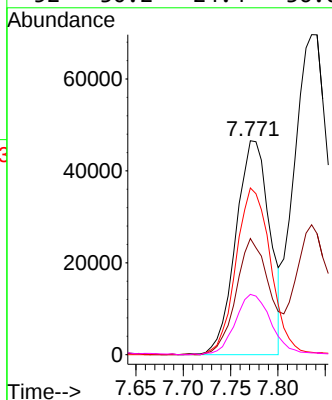
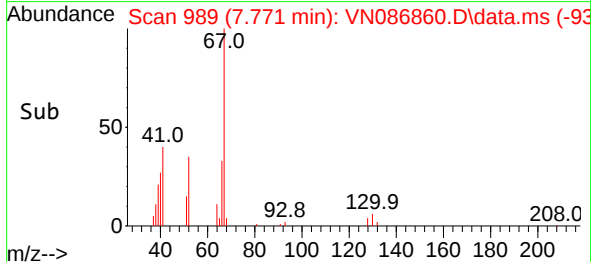
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 11610
Ion Ratio Lower Upper
41 100
39 54.7 44.9 67.3
67 80.4 63.4 95.0
52 30.2 24.4 36.6

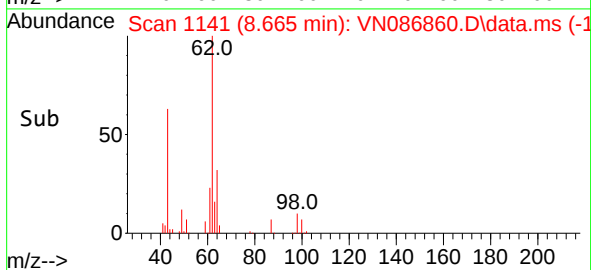
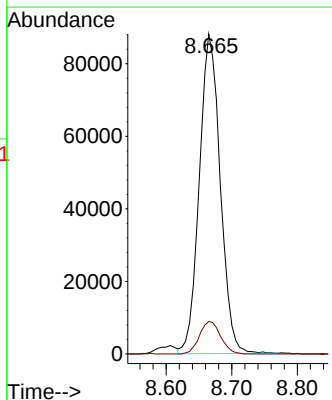
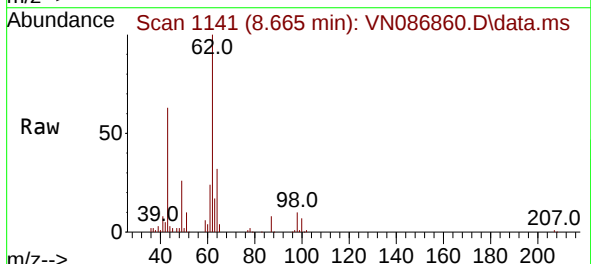
Manual Integrations
APPROVED

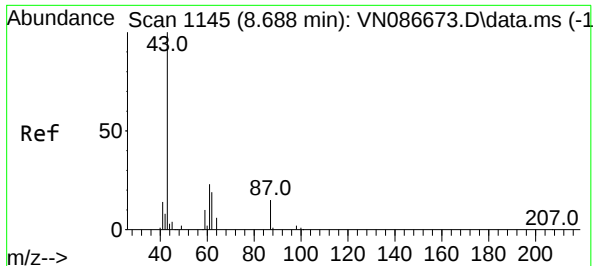
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#42
1,2-Dichloroethane
Concen: 48.839 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

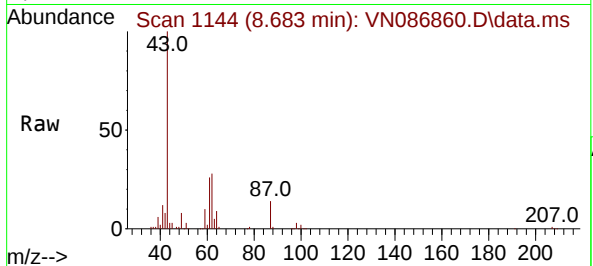
Tgt Ion: 62 Resp: 195440
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.2





#43
Isopropyl Acetate
Concen: 45.100 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

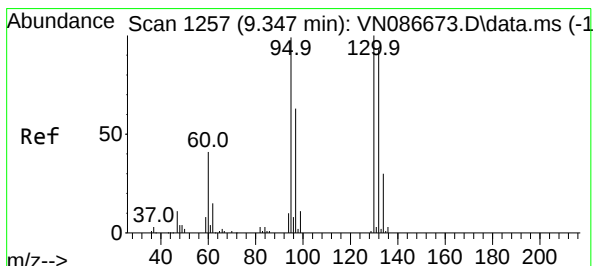
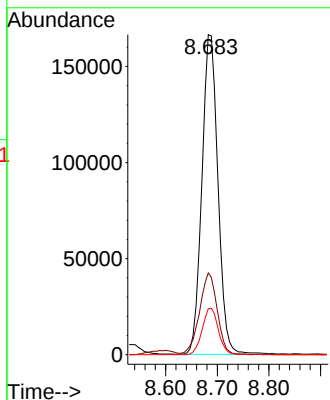
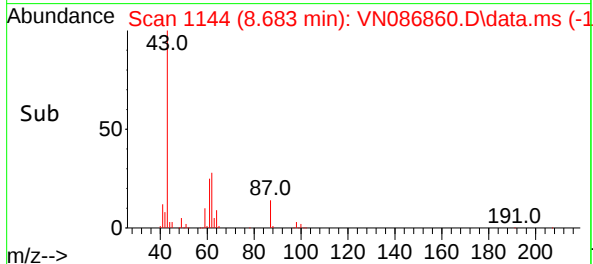
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 359608
Ion Ratio Lower Upper
43 100
61 28.2 21.4 32.2
87 14.6 11.1 16.7

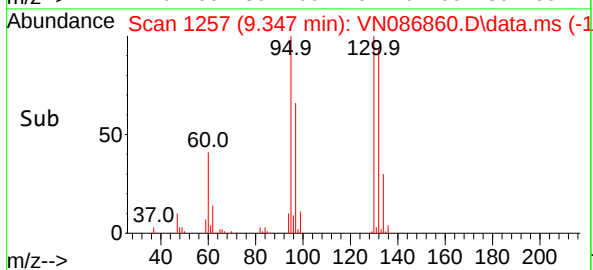
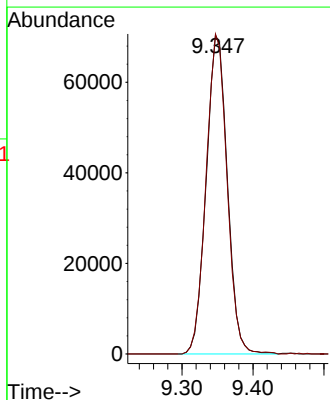
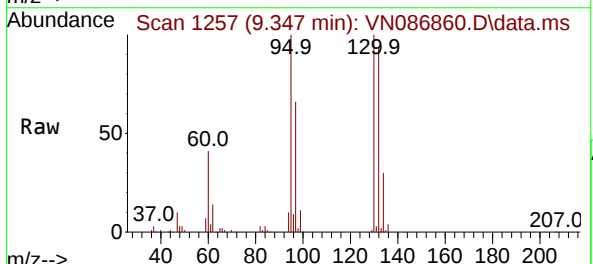
Manual Integrations
APPROVED

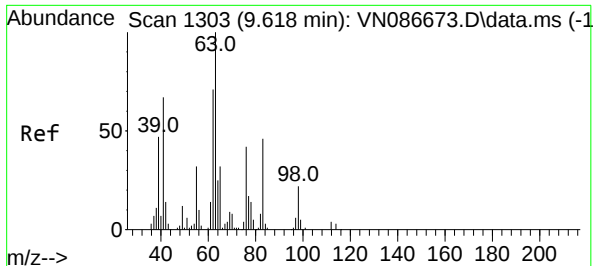
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#44
Trichloroethene
Concen: 47.041 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion:130 Resp: 145737
Ion Ratio Lower Upper
130 100
95 100.3 0.0 197.0





#45

1,2-Dichloropropane

Concen: 52.514 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 160238

Ion Ratio Lower Upper

63 100

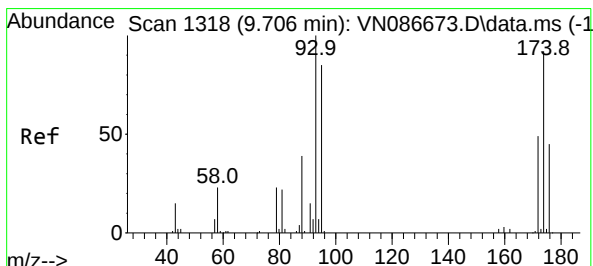
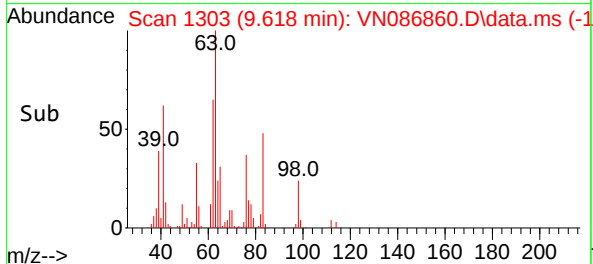
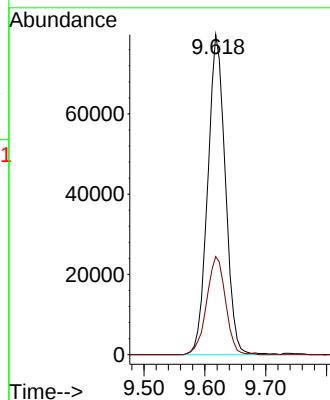
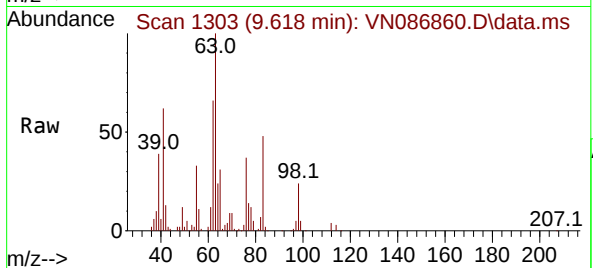
65 30.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/04/2025

Supervised By :Mahesh Dadoda 06/04/2025



#46

Dibromomethane

Concen: 50.457 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

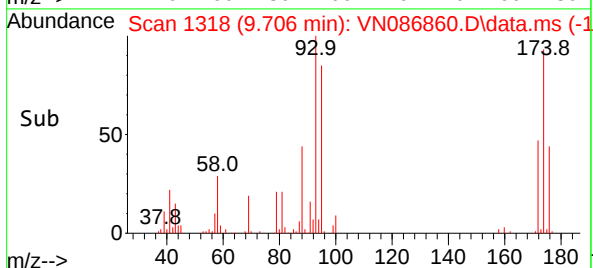
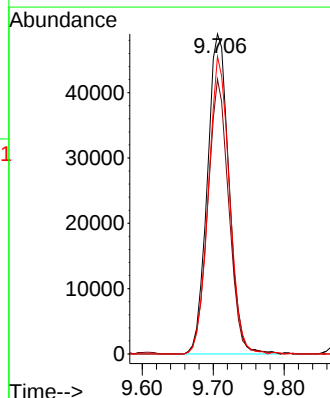
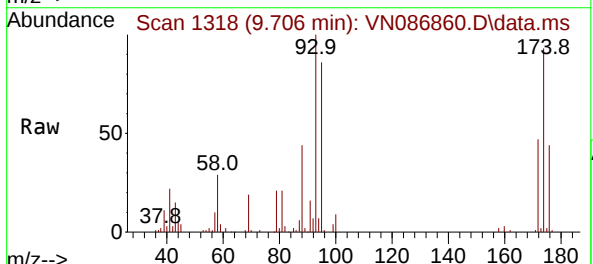
Tgt Ion: 93 Resp: 103887

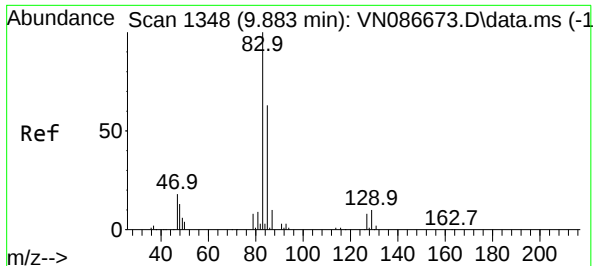
Ion Ratio Lower Upper

93 100

95 83.0 67.1 100.7

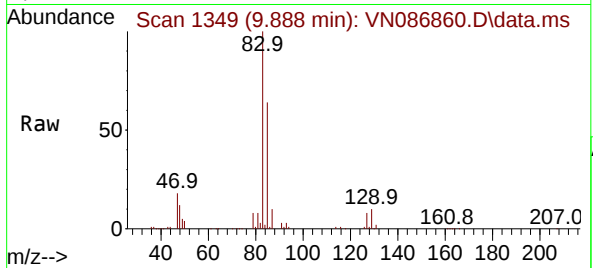
174 90.1 73.8 110.6





#47
Bromodichloromethane
Concen: 51.971 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

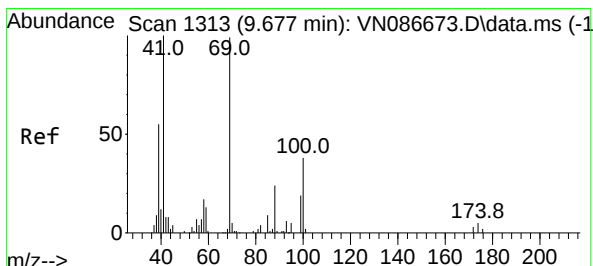
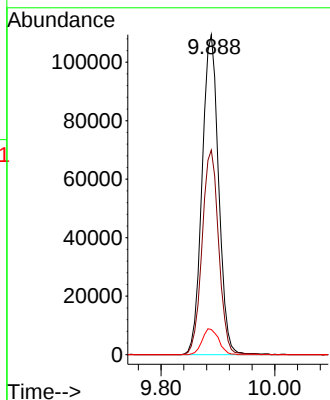
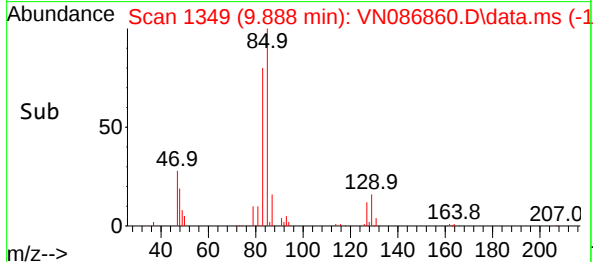
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



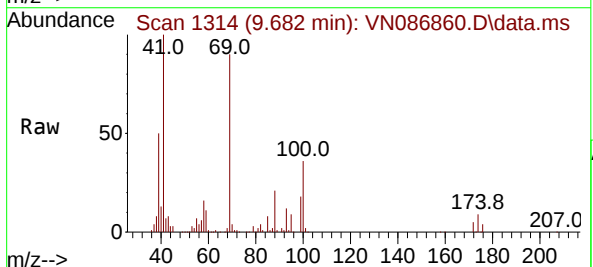
Tgt Ion: 83 Resp: 220474
Ion Ratio Lower Upper
83 100
85 64.0 50.1 75.1
127 7.9 6.2 9.4

Manual Integrations
APPROVED

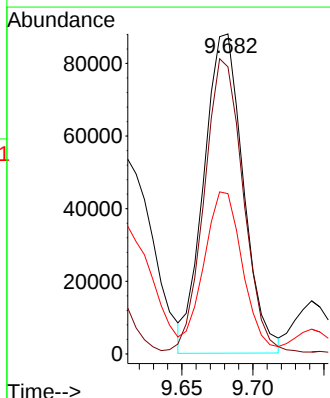
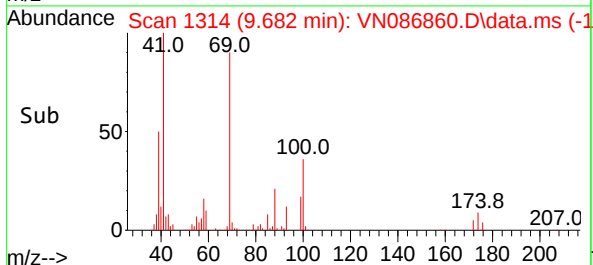
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

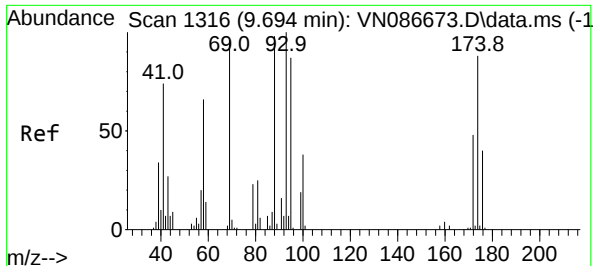


#48
Methyl methacrylate
Concen: 55.061 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13



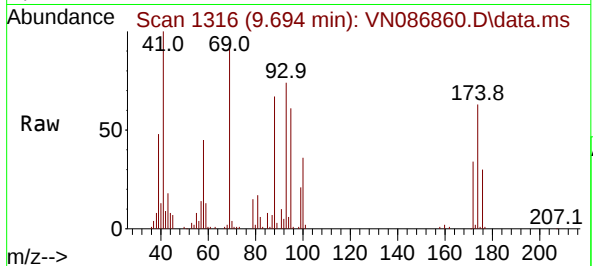
Tgt Ion: 41 Resp: 170126
Ion Ratio Lower Upper
41 100
69 90.6 74.1 111.1
39 50.4 44.1 66.1





#49
1,4-Dioxane
Concen: 939.858 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

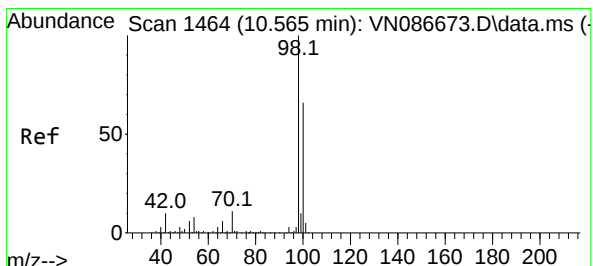
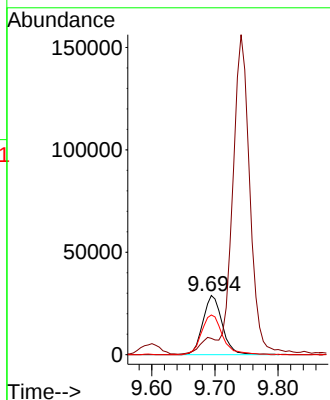
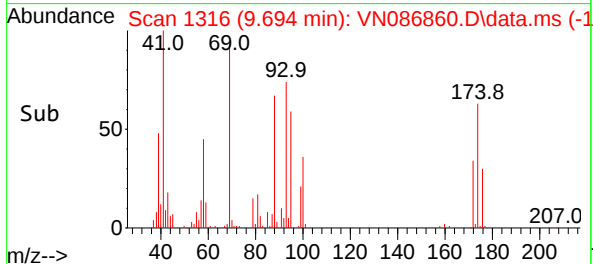
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 61490
Ion Ratio Lower Upper
88 100
43 26.4 23.6 35.4
58 73.2 55.3 82.9

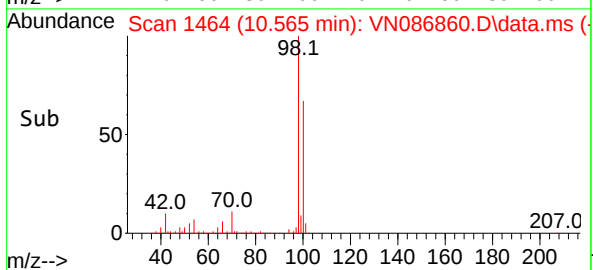
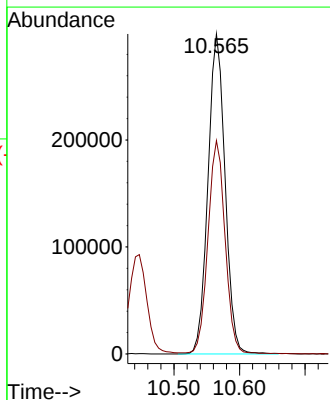
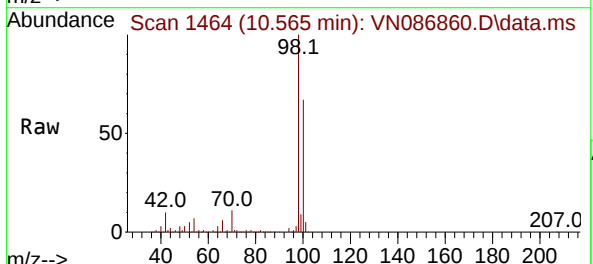
Manual Integrations
APPROVED

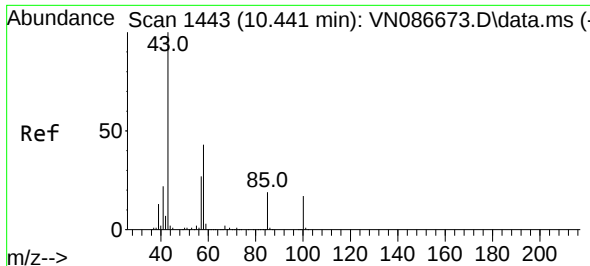
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#50
Toluene-d8
Concen: 48.911 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

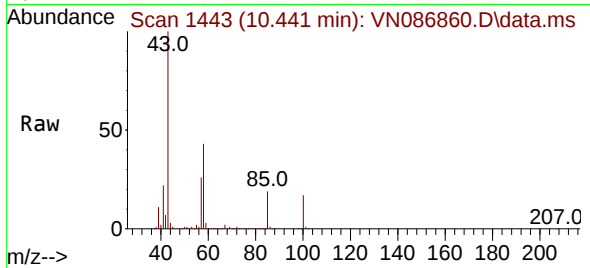
Tgt Ion: 98 Resp: 541062
Ion Ratio Lower Upper
98 100
100 67.2 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 260.074 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

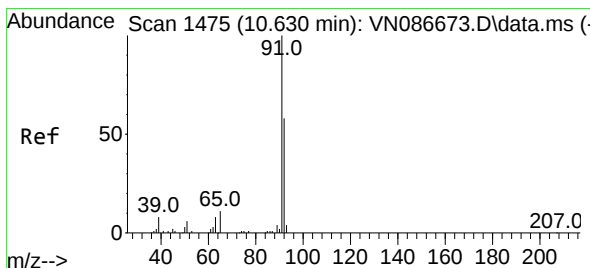
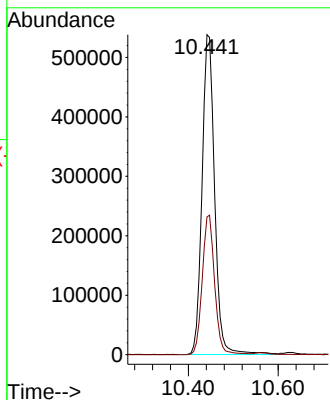
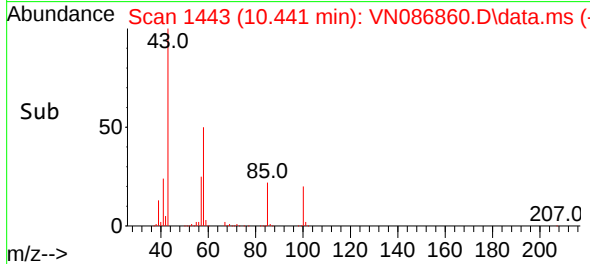
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



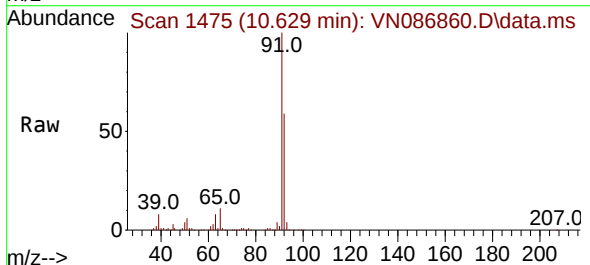
Tgt Ion: 43 Resp: 1045754
Ion Ratio Lower Upper
43 100
58 43.1 33.9 50.9

Manual Integrations
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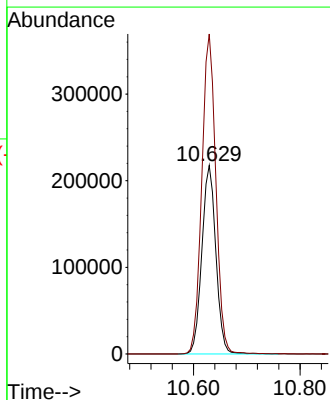
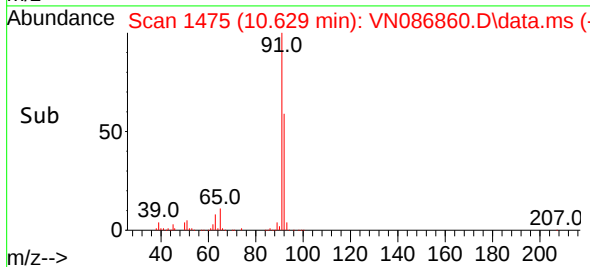
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

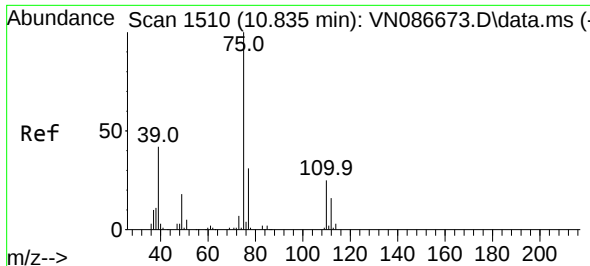


#52
Toluene
Concen: 49.594 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13



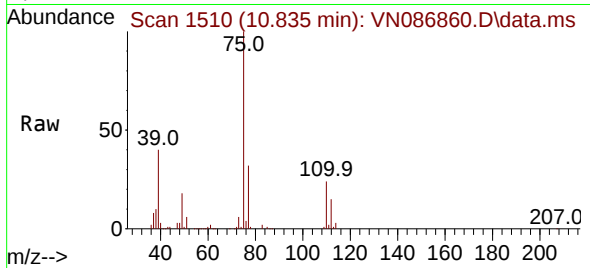
Tgt Ion: 92 Resp: 395921
Ion Ratio Lower Upper
92 100
91 170.4 137.8 206.8





#53
t-1,3-Dichloropropene
Concen: 52.577 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

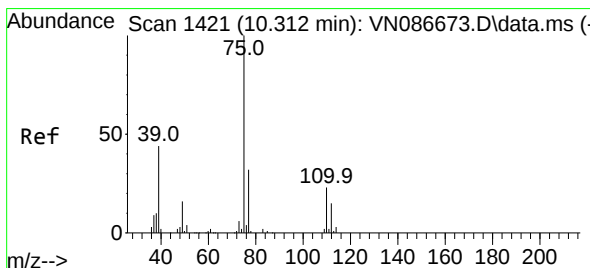
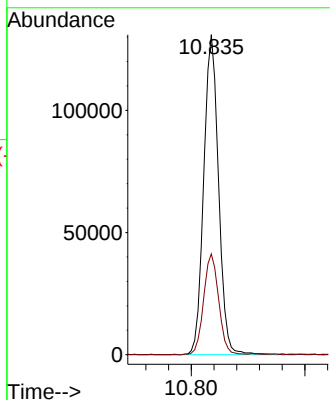
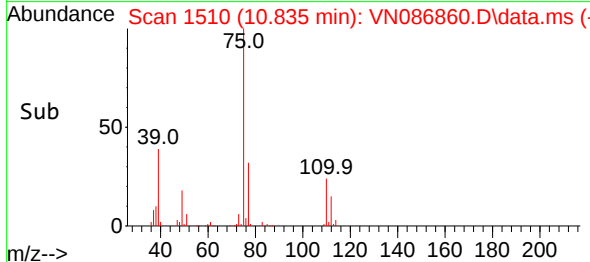
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



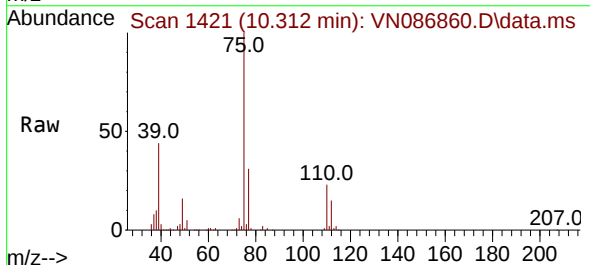
Tgt Ion: 75 Resp: 236158
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8

Manual Integrations
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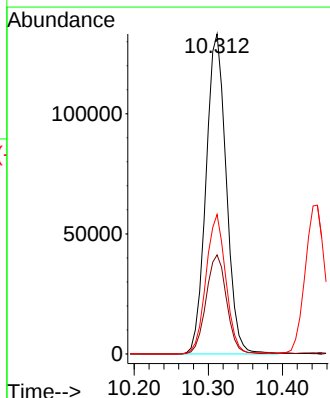
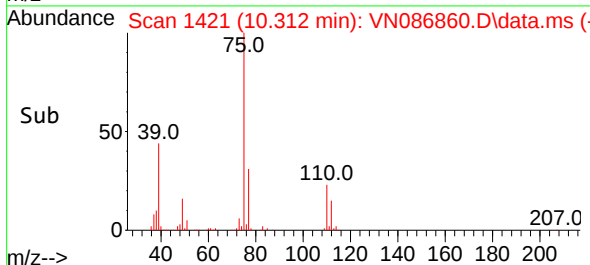
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

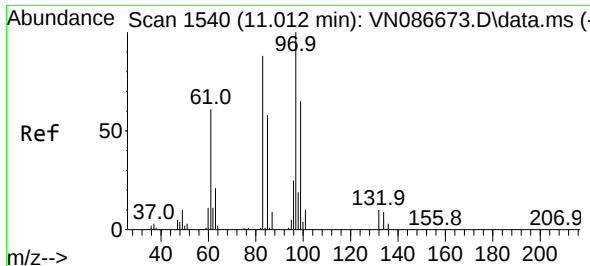


#54
cis-1,3-Dichloropropene
Concen: 51.580 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13



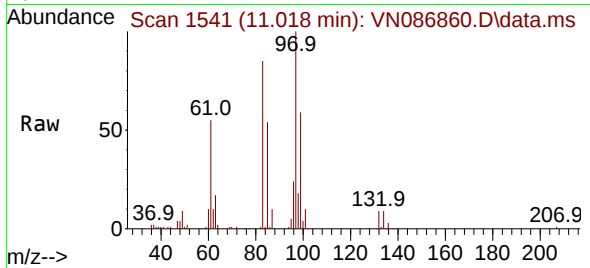
Tgt Ion: 75 Resp: 252902
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9
39 43.6 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 50.354 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

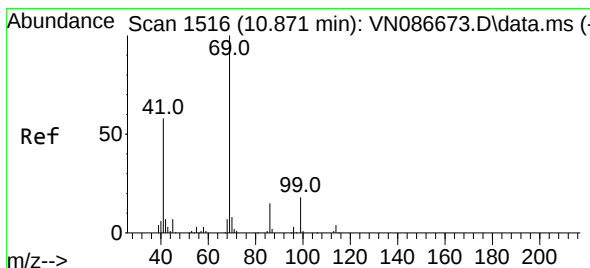
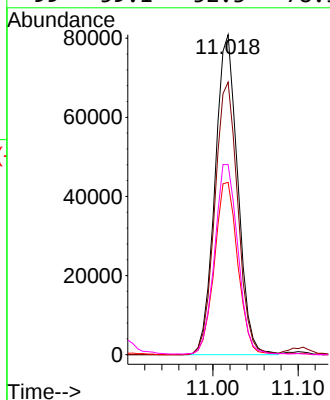
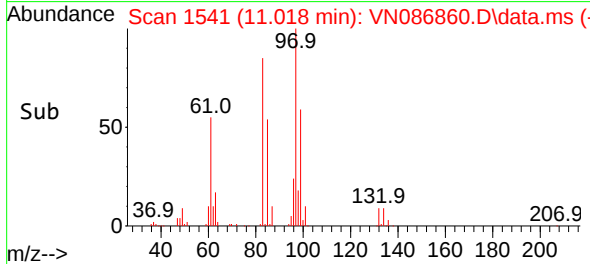
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 149950
Ion Ratio Lower Upper
97 100
83 85.2 70.4 105.6
85 53.9 46.1 69.1
99 59.1 52.3 78.5

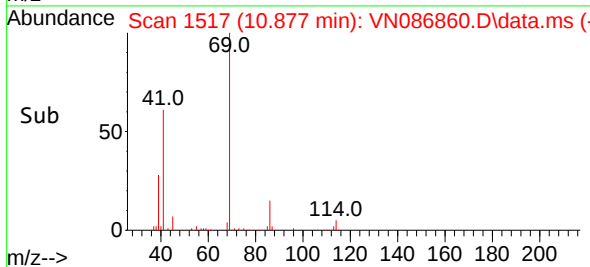
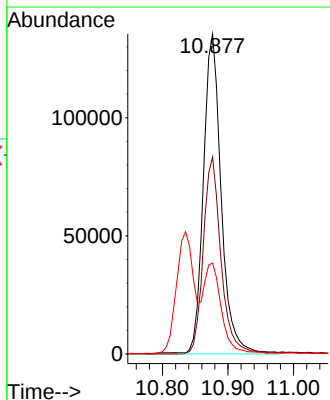
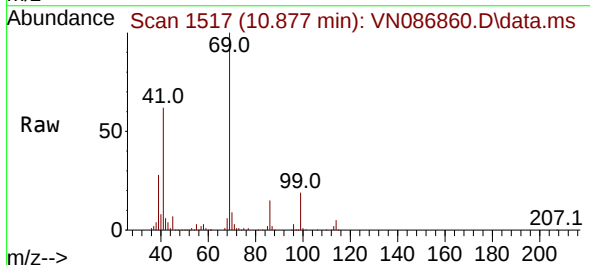
Manual Integrations
APPROVED

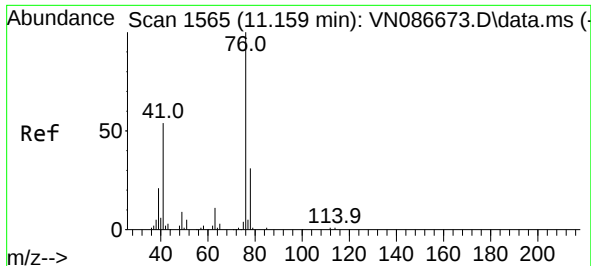
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#56
Ethyl methacrylate
Concen: 53.557 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

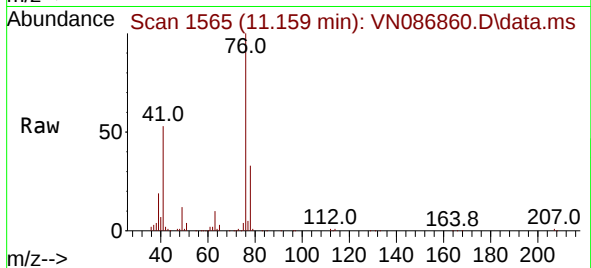
Tgt Ion: 69 Resp: 256083
Ion Ratio Lower Upper
69 100
41 59.9 47.4 71.0
39 26.4 24.0 36.0





#57
1,3-Dichloropropane
Concen: 50.776 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

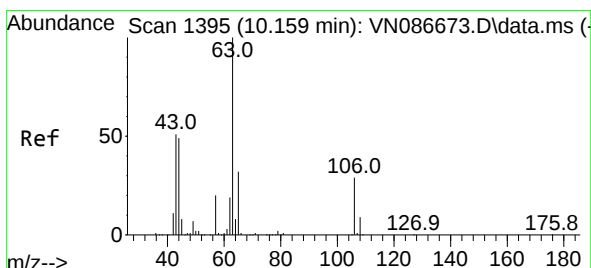
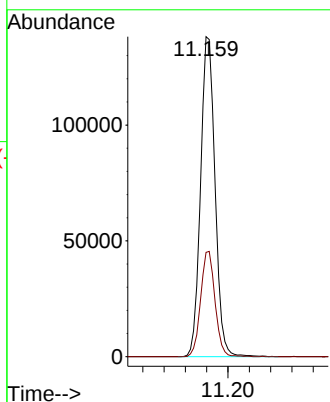
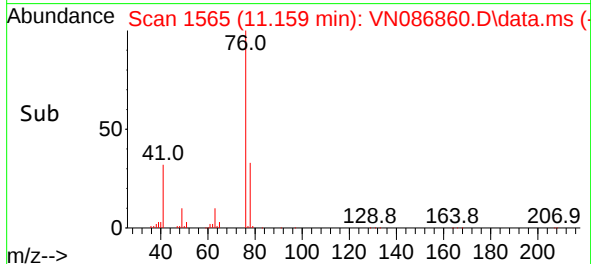
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 26050
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.8

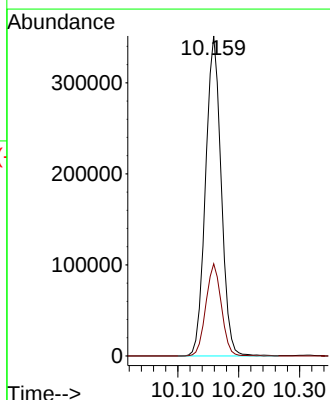
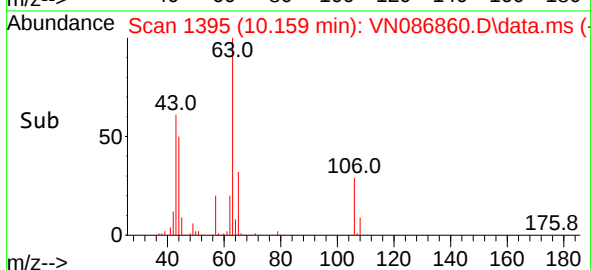
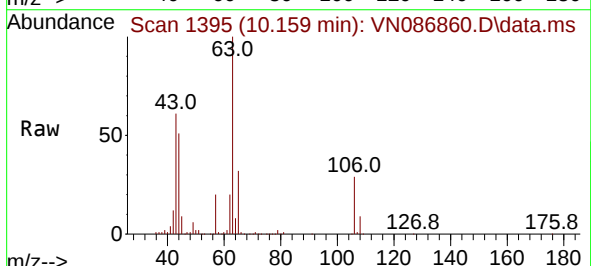
Manual Integrations
APPROVED

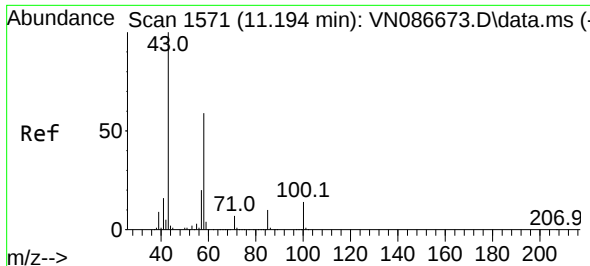
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#58
2-Chloroethyl Vinyl ether
Concen: 292.973 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

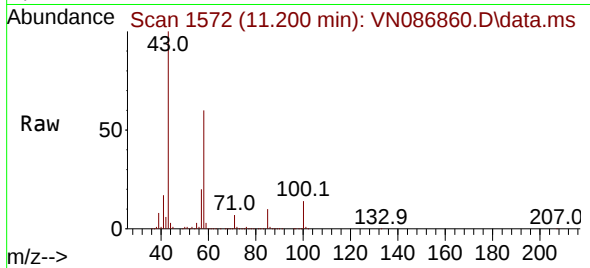
Tgt Ion: 63 Resp: 626076
Ion Ratio Lower Upper
63 100
106 28.6 23.1 34.7





#59
2-Hexanone
Concen: 237.295 ug/l
RT: 11.200 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

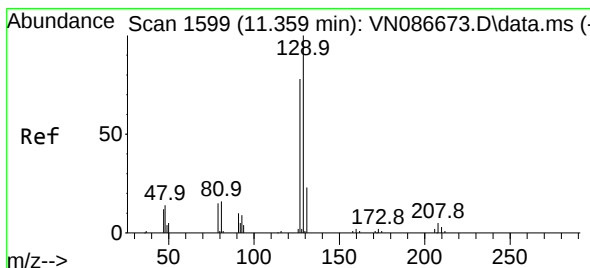
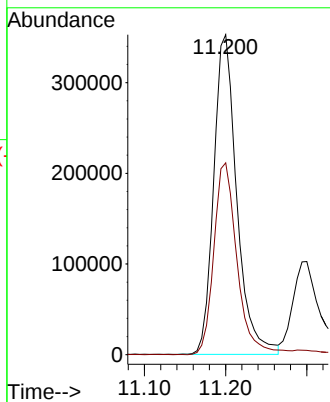
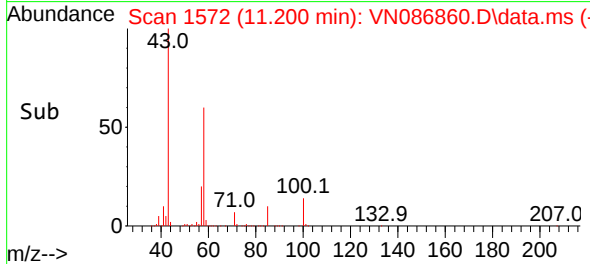
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 696780
Ion Ratio Lower Upper
43 100
58 60.7 29.8 89.5

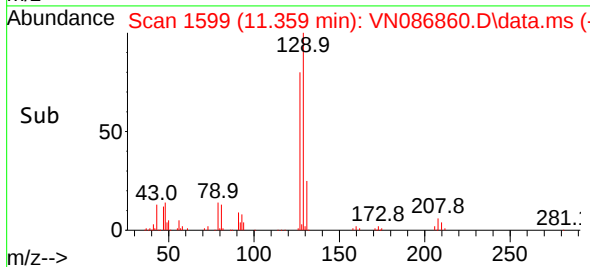
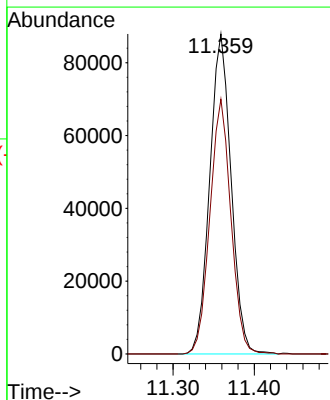
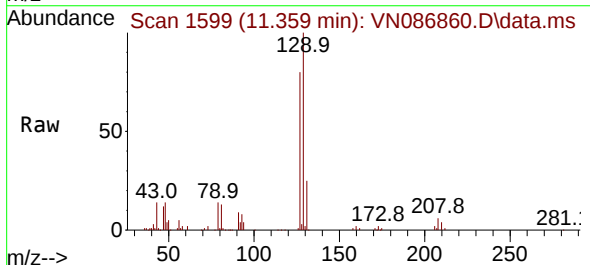
Manual Integrations
APPROVED

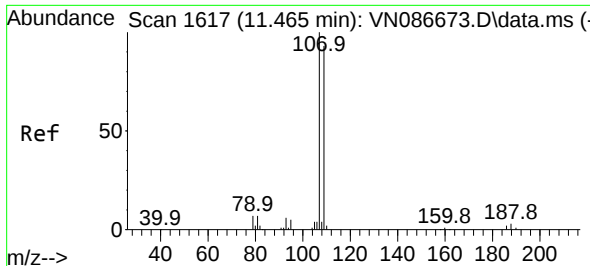
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#60
Dibromochloromethane
Concen: 51.505 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

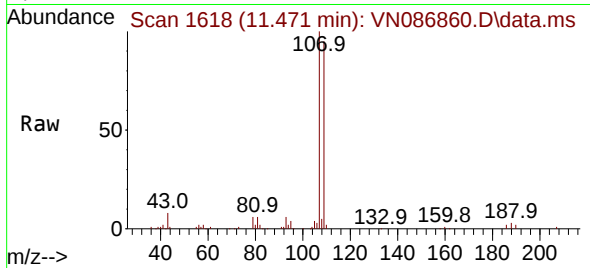
Tgt Ion:129 Resp: 160748
Ion Ratio Lower Upper
129 100
127 78.2 39.5 118.3





#61
1,2-Dibromoethane
Concen: 49.827 ug/l
RT: 11.471 min Scan# 11471
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

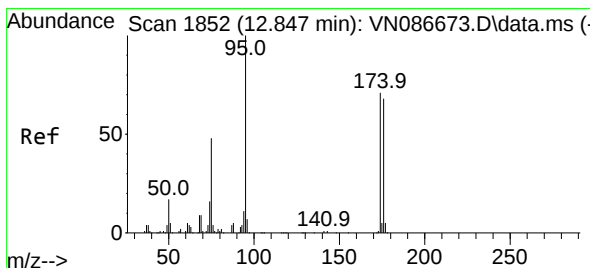
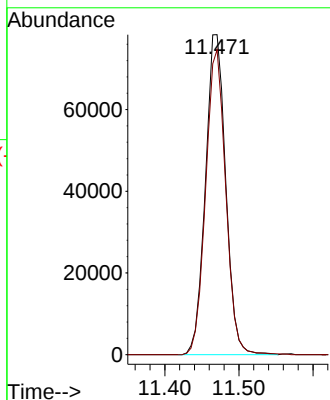
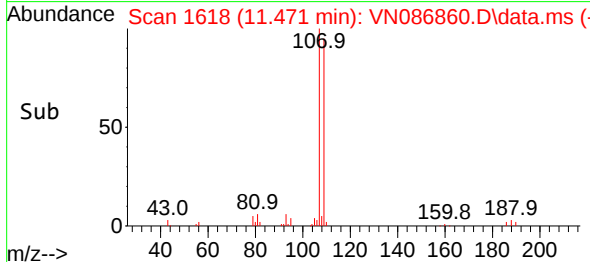
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 14911
Ion Ratio Lower Upper
107 100
109 93.9 75.0 112.4

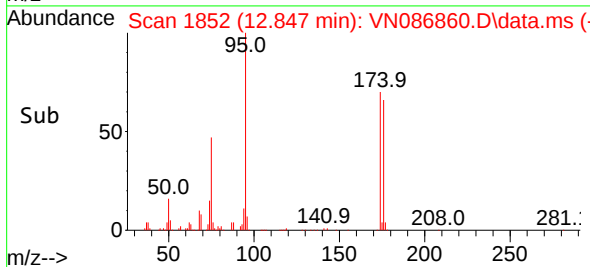
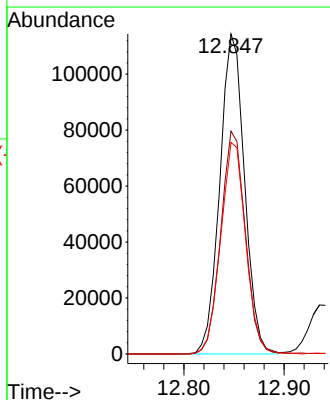
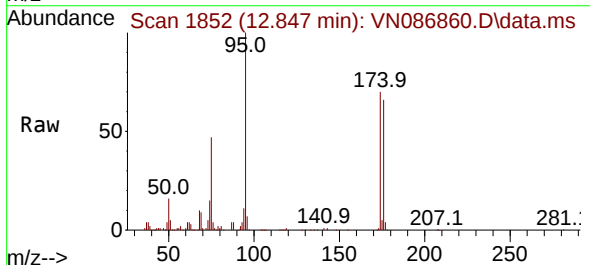
Manual Integrations
APPROVED

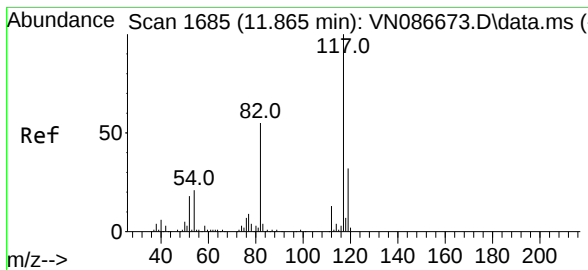
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#62
4-Bromofluorobenzene
Concen: 50.081 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

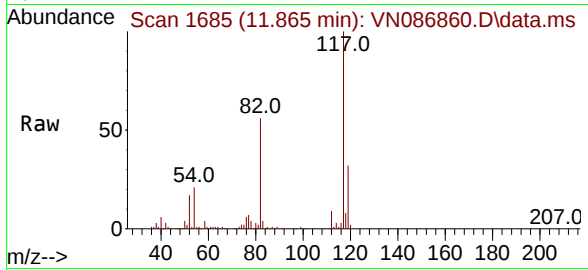
Tgt Ion: 95 Resp: 195614
Ion Ratio Lower Upper
95 100
174 69.4 0.0 145.4
176 67.0 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

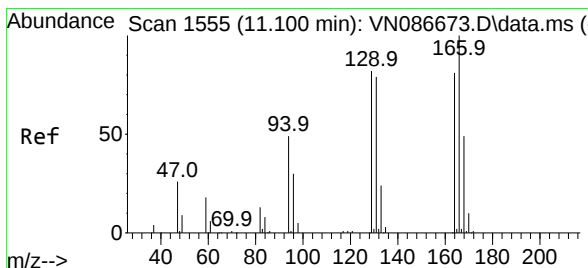
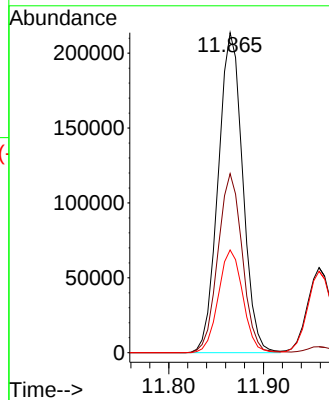
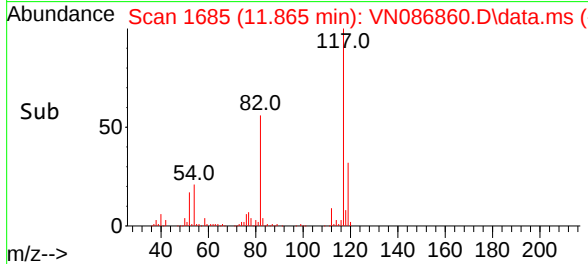
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 38504
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.2
119 32.1 25.4 38.2

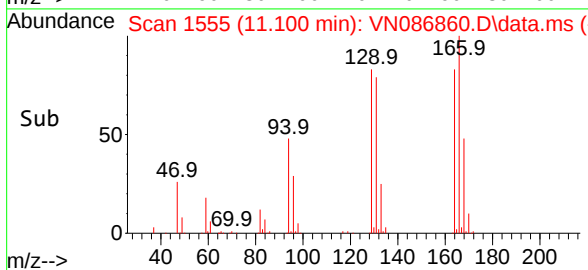
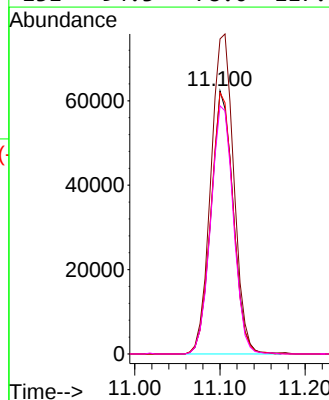
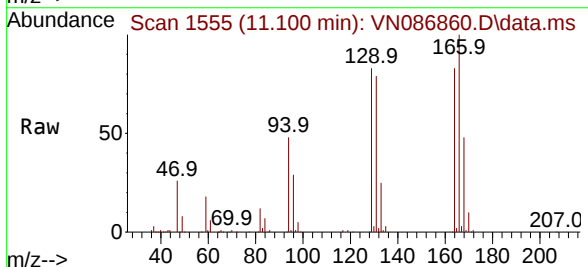
Manual Integrations
APPROVED

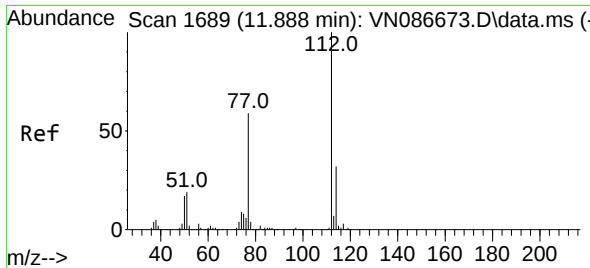
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#64
Tetrachloroethene
Concen: 38.174 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion:164 Resp: 112600
Ion Ratio Lower Upper
164 100
166 119.8 98.2 147.4
129 99.3 81.0 121.4
131 94.3 78.0 117.0





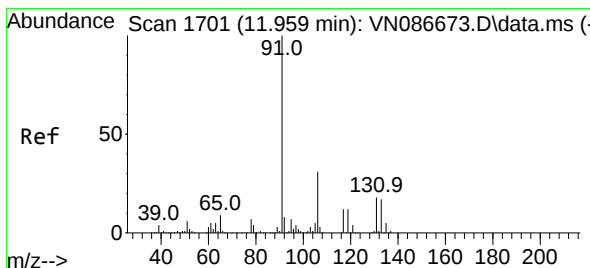
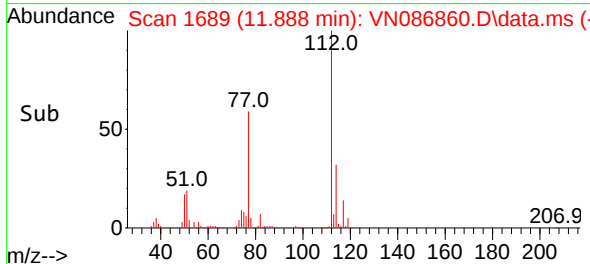
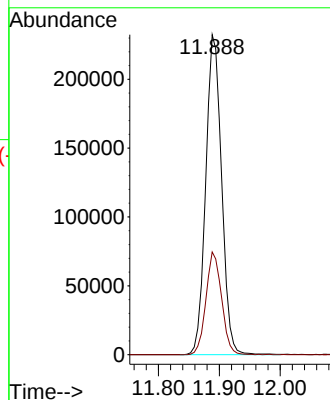
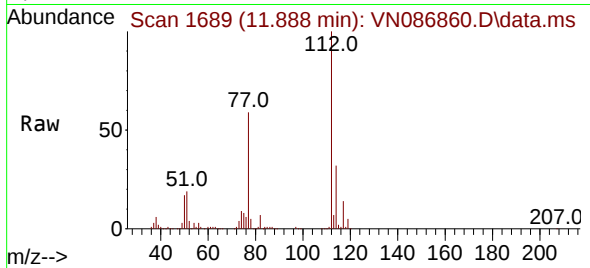
#65
Chlorobenzene
Concen: 49.867 ug/l
RT: 11.888 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 42104
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9

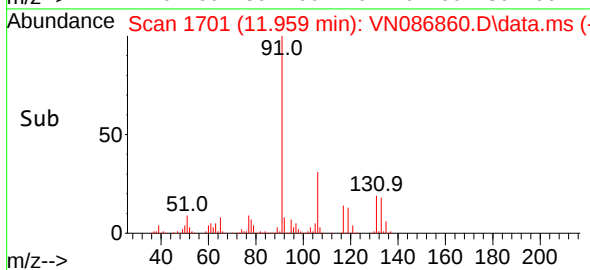
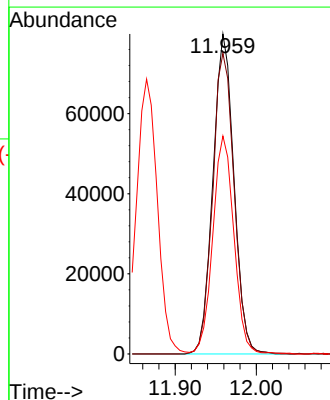
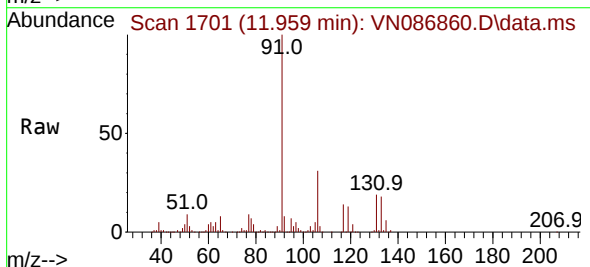
Manual Integrations
APPROVED

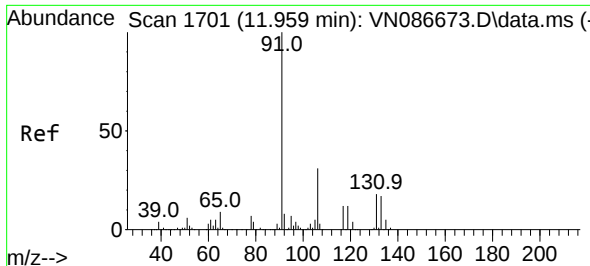
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 52.631 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion:131 Resp: 143457
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.7
119 68.5 33.6 100.8





#67

Ethyl Benzene

Concen: 50.906 ug/l

RT: 11.965 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 73620

Ion Ratio Lower Upper

91 100

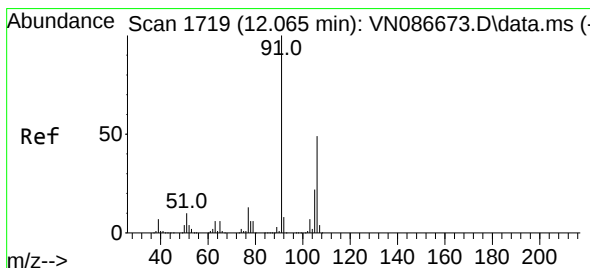
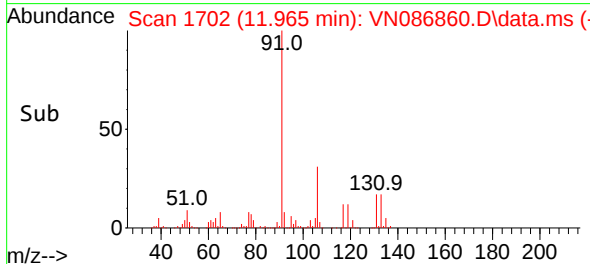
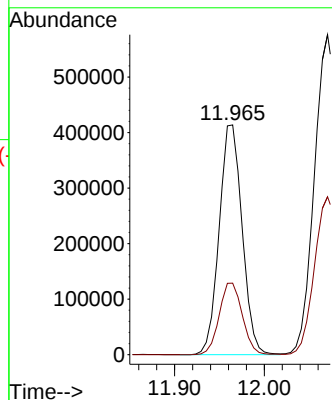
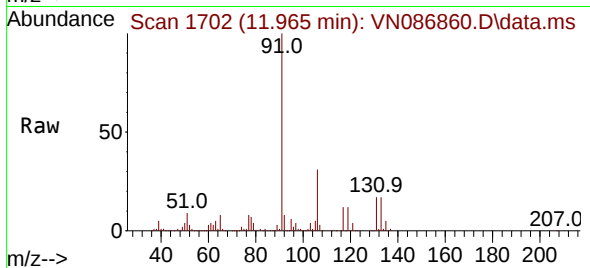
106 31.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/04/2025

Supervised By :Mahesh Dadoda 06/04/2025



#68

m/p-Xylenes

Concen: 102.694 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.006 min

Lab File: VN086860.D

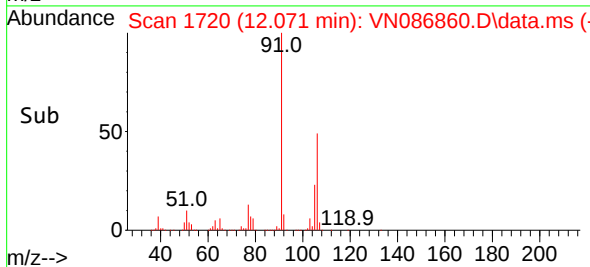
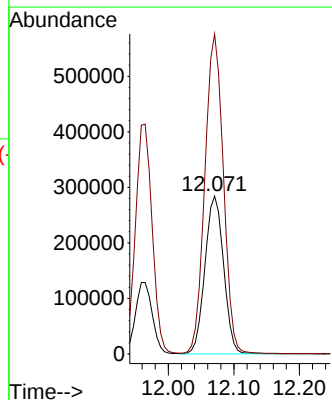
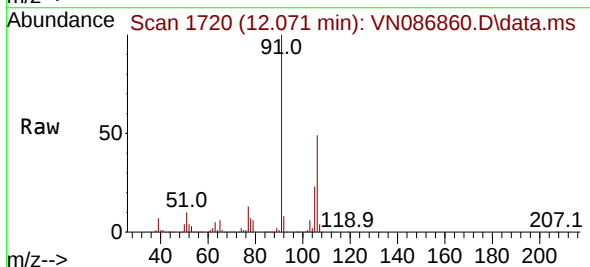
Acq: 03 Jun 2025 22:13

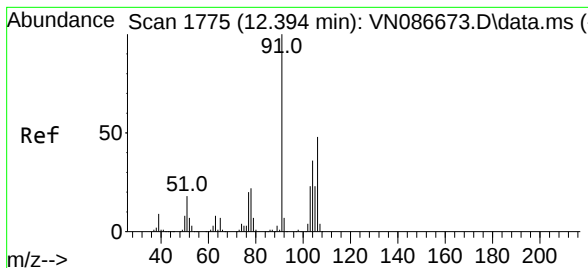
Tgt Ion:106 Resp: 562521

Ion Ratio Lower Upper

106 100

91 201.3 162.4 243.6





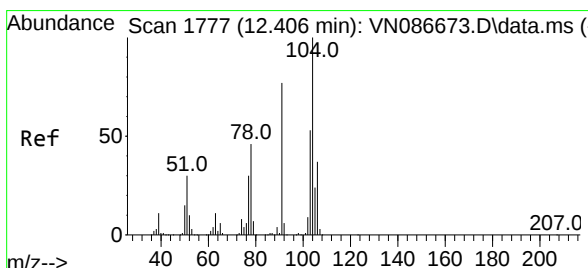
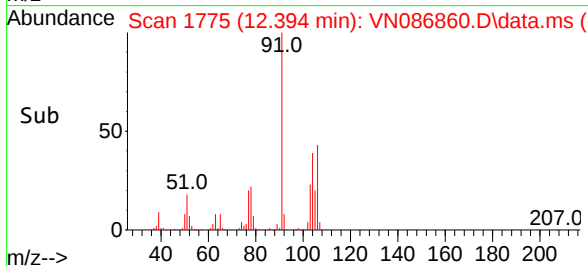
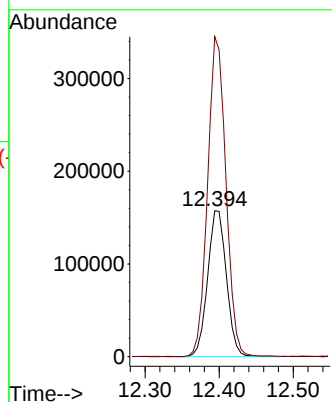
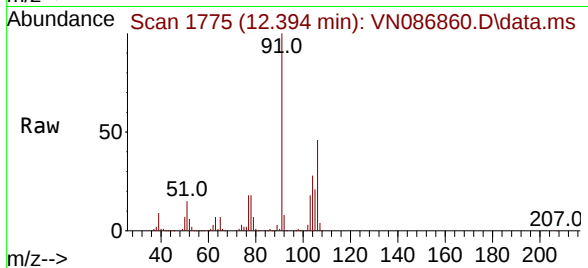
#69
o-Xylene
Concen: 50.984 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 277649
Ion Ratio Lower Upper
106 100
91 213.5 105.1 315.1

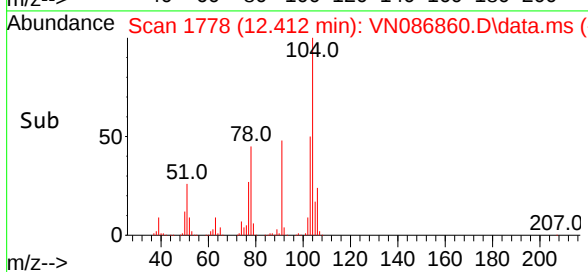
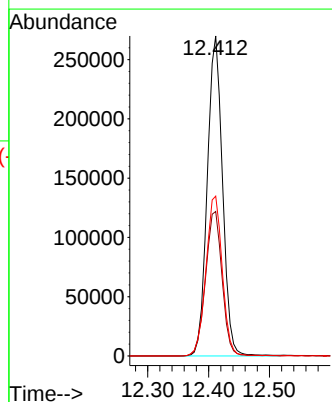
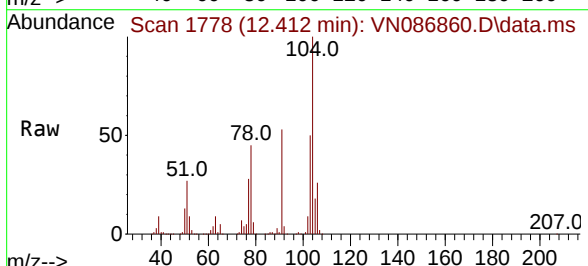
Manual Integrations
APPROVED

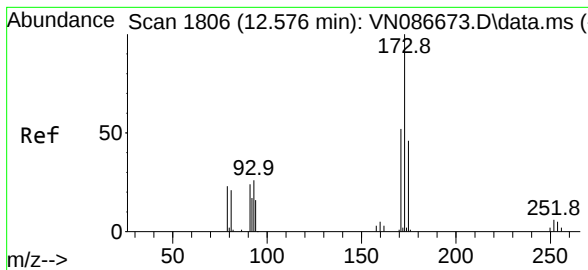
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#70
Styrene
Concen: 52.699 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

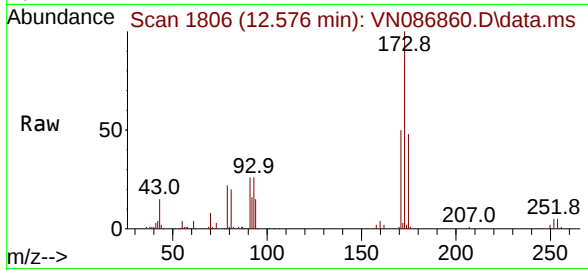
Tgt Ion:104 Resp: 469860
Ion Ratio Lower Upper
104 100
78 49.0 39.0 58.6
103 53.8 43.8 65.8





#71
Bromoform
Concen: 53.626 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

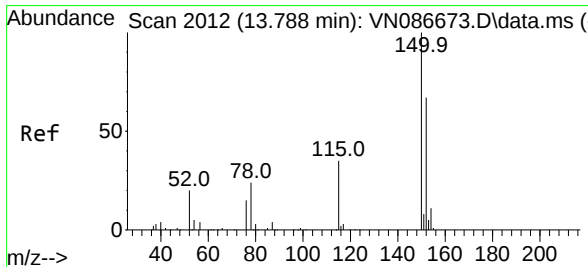
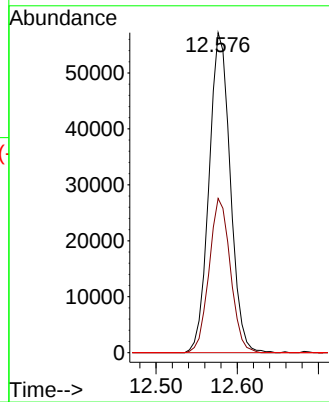
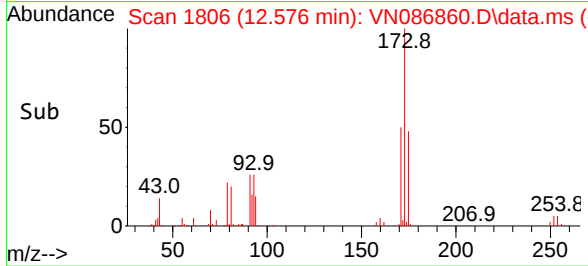
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



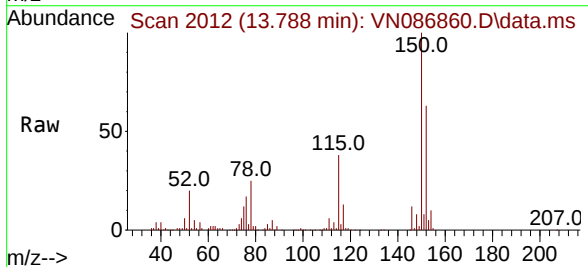
Tgt Ion:173 Resp: 10395
Ion Ratio Lower Upper
173 100
175 48.3 23.4 70.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

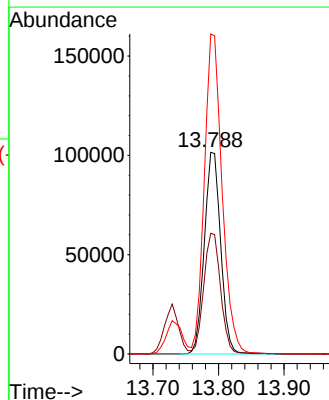
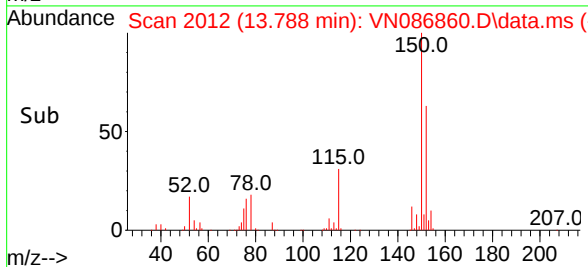
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

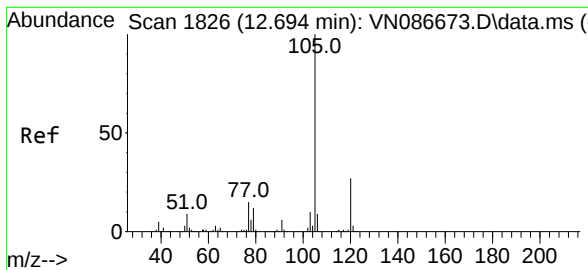


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13



Tgt Ion:152 Resp: 176637
Ion Ratio Lower Upper
152 100
115 61.7 30.0 90.1
150 172.1 0.0 347.8





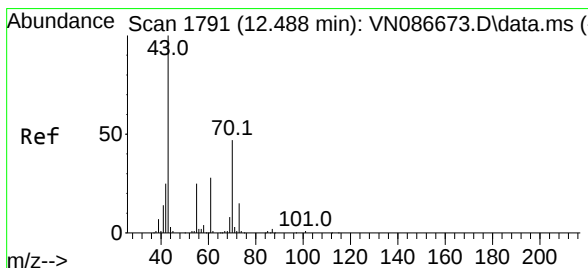
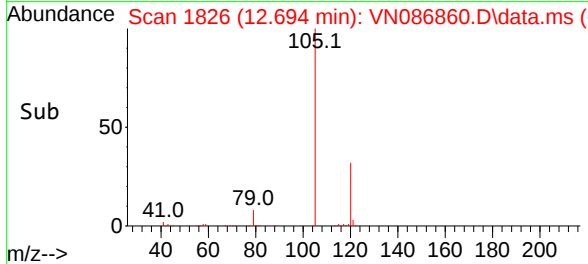
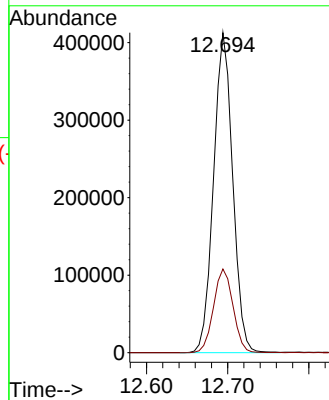
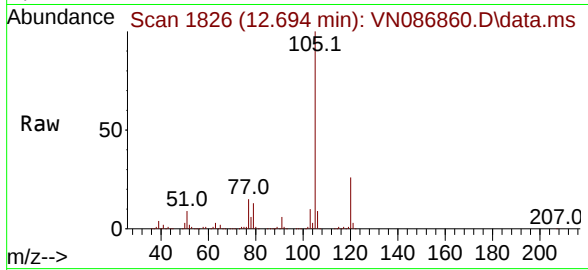
#73
Isopropylbenzene
Concen: 49.585 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 67646
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1

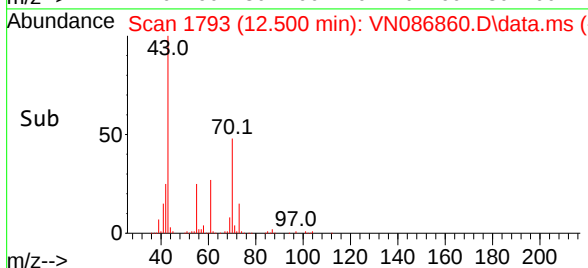
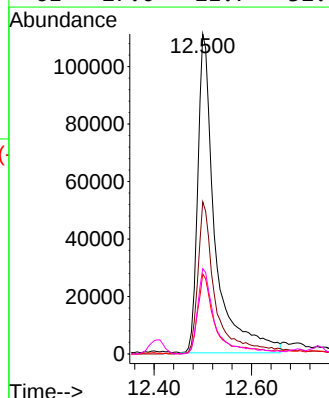
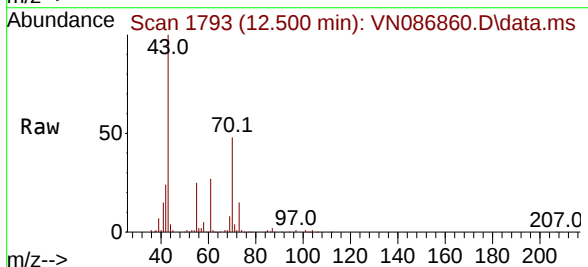
Manual Integrations
APPROVED

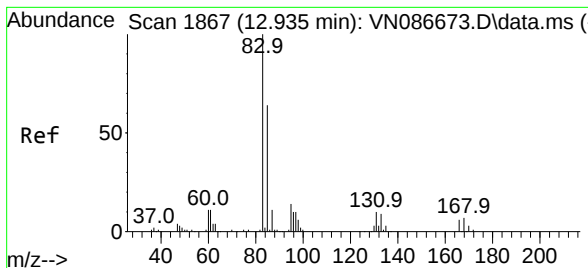
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#74
N-ethyl acetate
Concen: 48.524 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.012 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

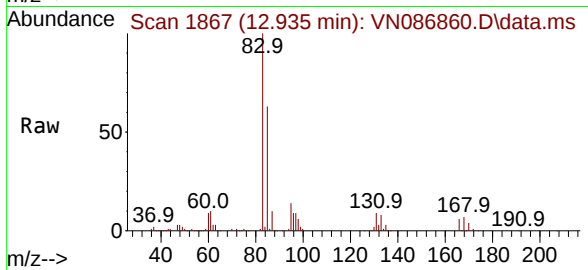
Tgt Ion: 43 Resp: 276584
Ion Ratio Lower Upper
43 100
70 49.1 37.9 56.9
55 25.4 20.5 30.7
61 27.0 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 52.548 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

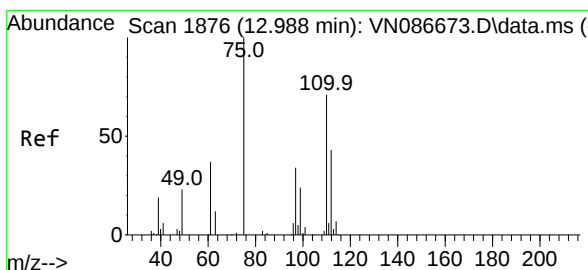
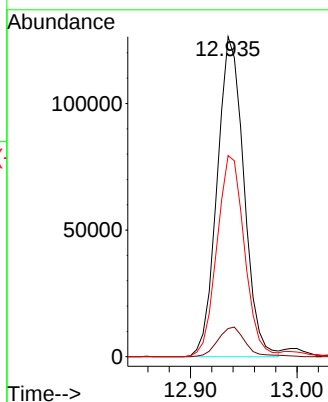
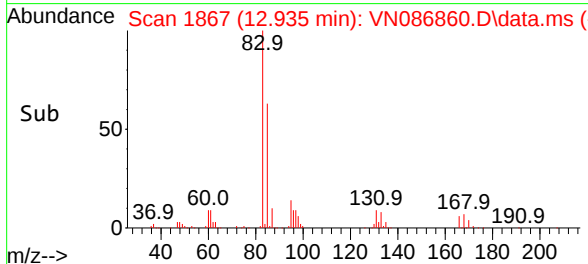
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



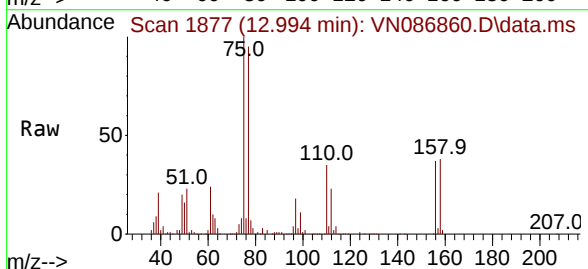
Tgt Ion: 83 Resp: 220238
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 64.7 32.4 97.2

Manual Integrations
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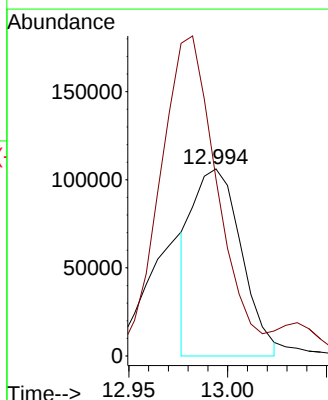
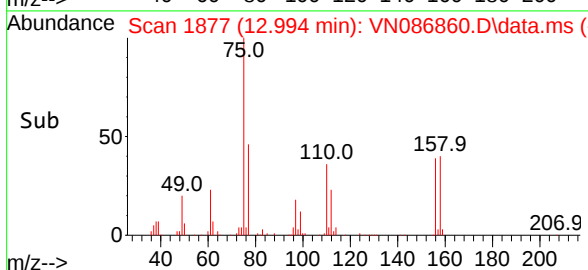
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

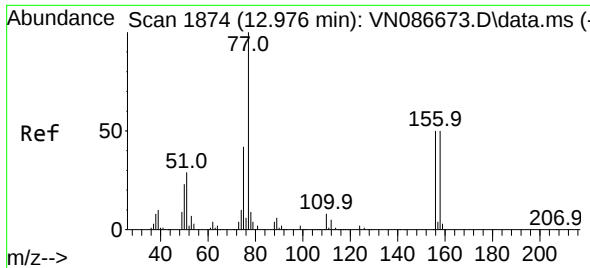


#76
1,2,3-Trichloropropane
Concen: 45.543 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13



Tgt Ion: 75 Resp: 181937
Ion Ratio Lower Upper
75 100
77 201.7 96.0 288.1





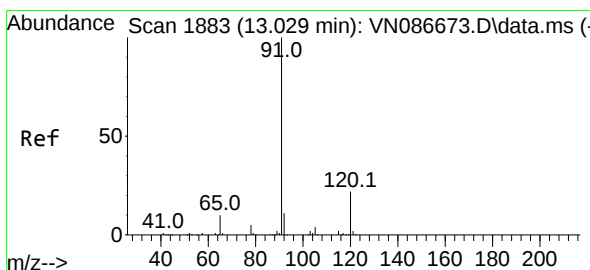
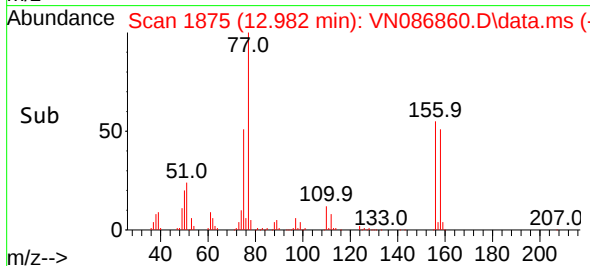
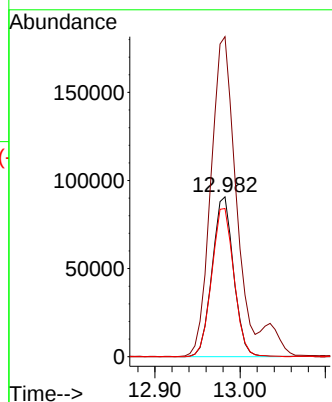
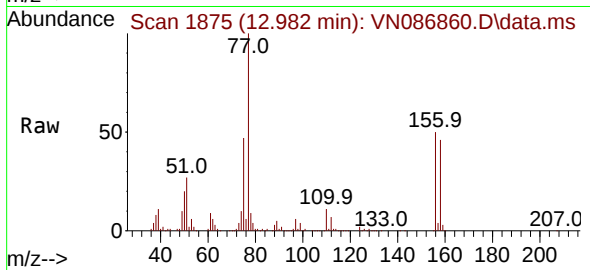
#77
Bromobenzene
Concen: 46.307 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 158915
Ion Ratio Lower Upper
156 100
77 230.9 113.1 339.2
158 96.1 48.6 145.9

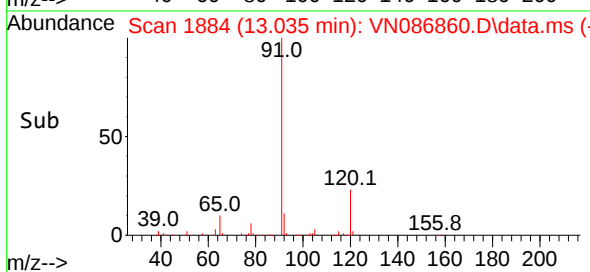
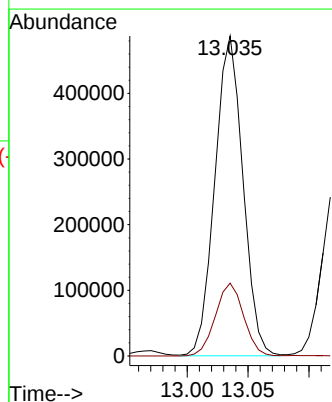
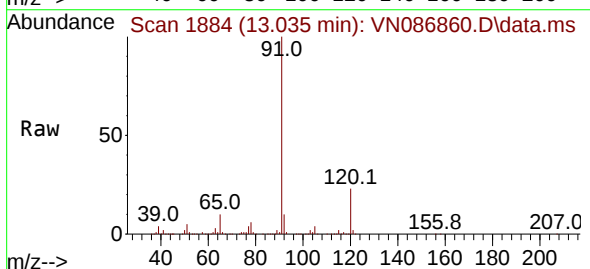
Manual Integrations
APPROVED

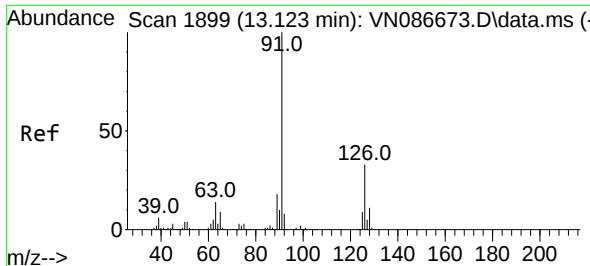
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#78
n-propylbenzene
Concen: 49.899 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion: 91 Resp: 781220
Ion Ratio Lower Upper
91 100
120 22.9 11.4 34.1





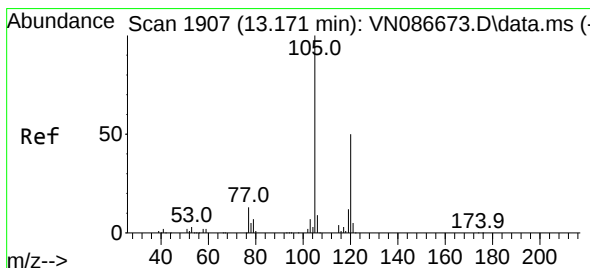
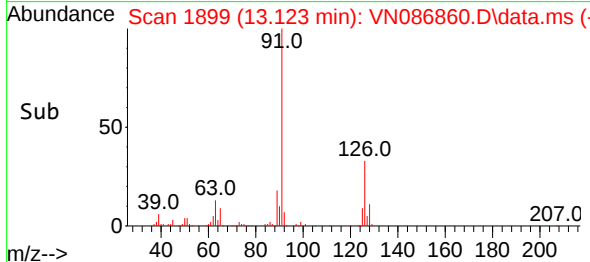
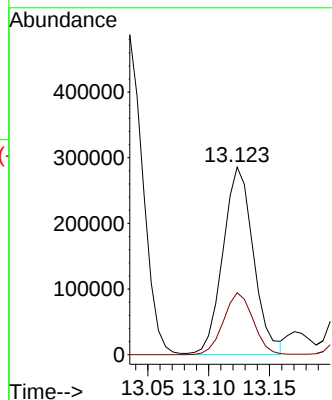
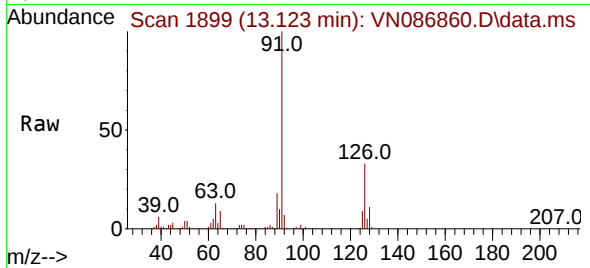
#79
2-Chlorotoluene
Concen: 49.022 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 499025
Ion Ratio Lower Upper
91 100
126 32.0 16.6 49.7

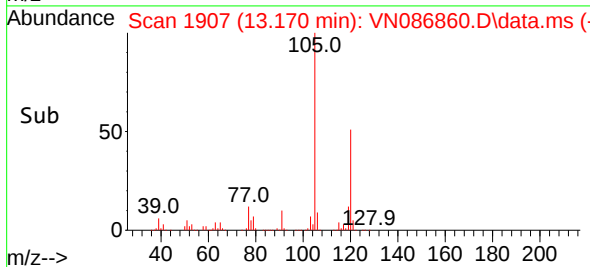
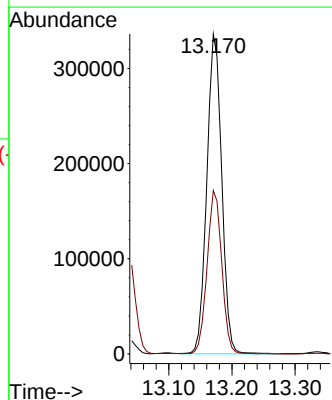
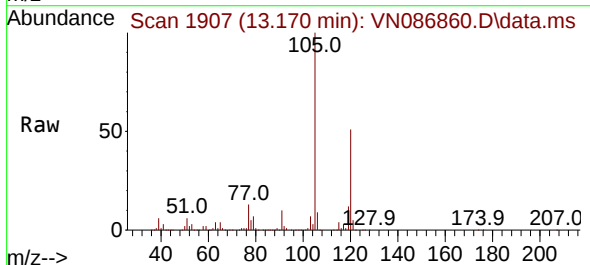
Manual Integrations
APPROVED

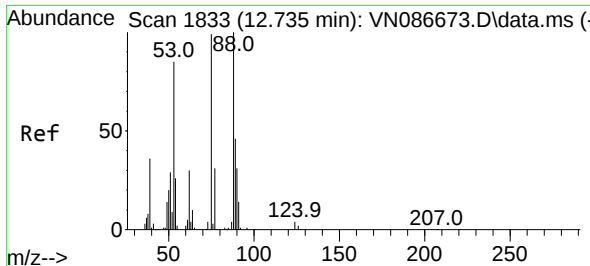
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.279 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

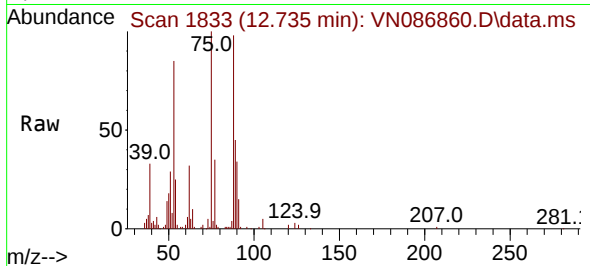
Tgt Ion:105 Resp: 549556
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 50.945 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

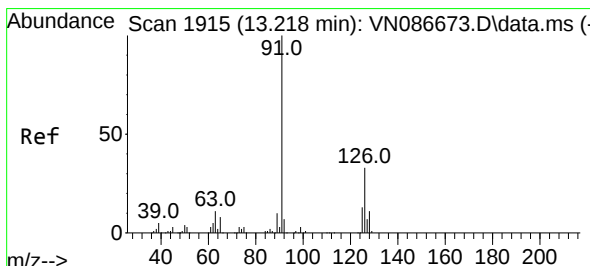
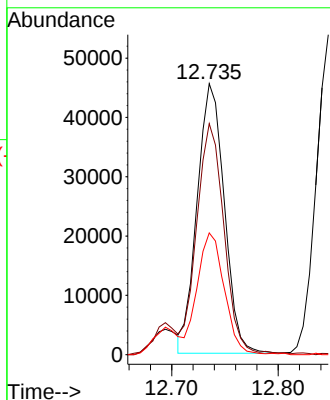
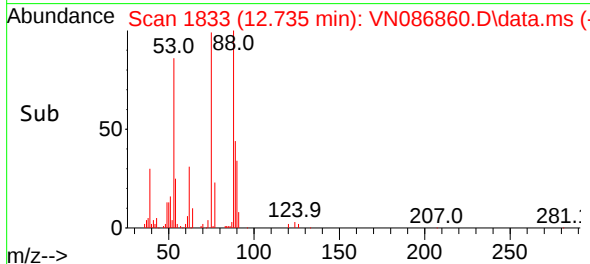
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



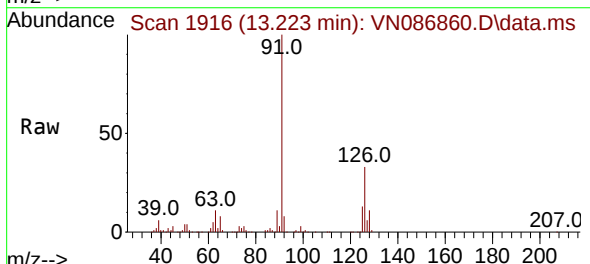
Tgt Ion: 75 Resp: 8064
Ion Ratio Lower Upper
75 100
53 85.7 70.4 105.6
89 43.8 32.4 48.6

Manual Integrations
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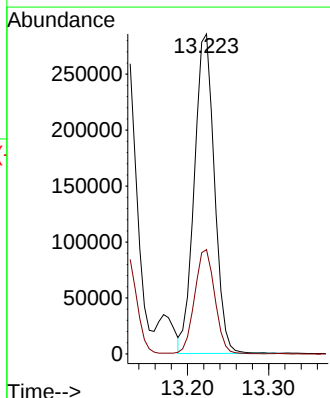
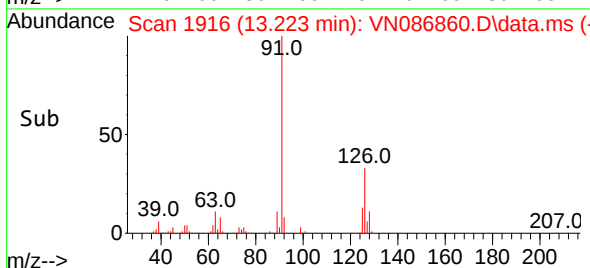
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

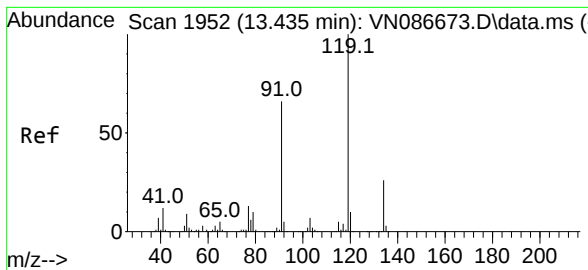


#82
4-Chlorotoluene
Concen: 48.725 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13



Tgt Ion: 91 Resp: 491410
Ion Ratio Lower Upper
91 100
126 32.9 17.0 50.9





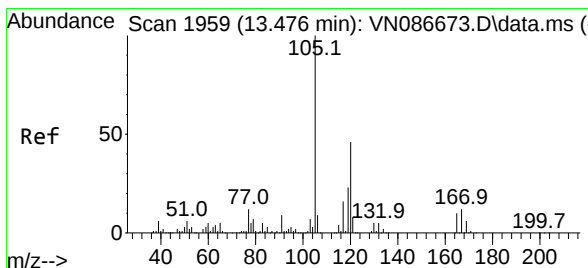
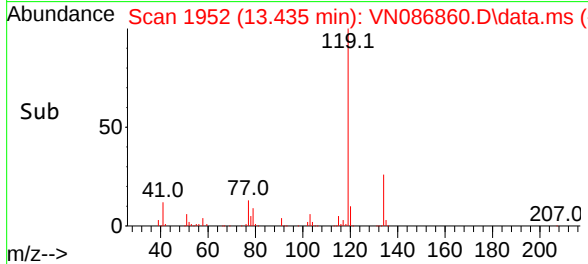
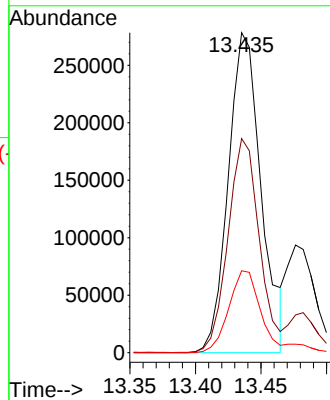
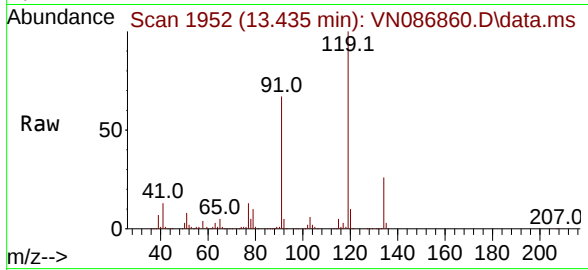
#83
tert-Butylbenzene
Concen: 50.829 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 484490
Ion Ratio Lower Upper
119 100
91 63.8 32.9 98.7
134 26.6 13.4 40.1

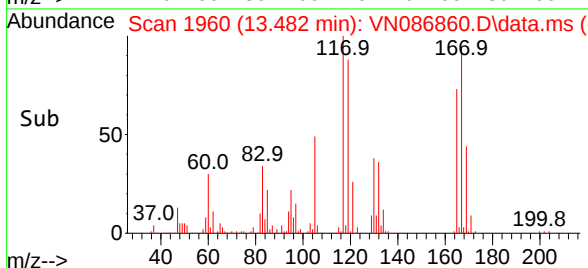
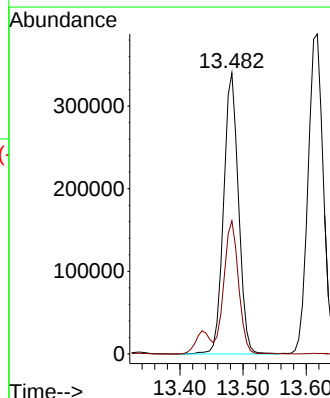
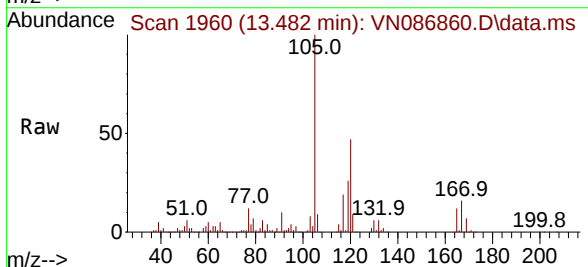
Manual Integrations
APPROVED

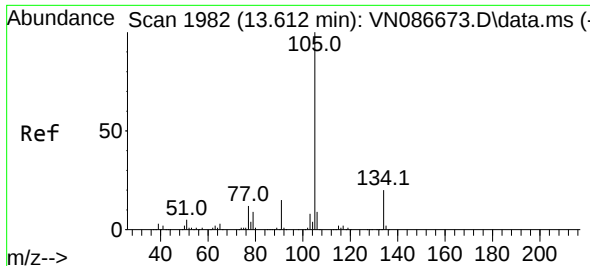
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#84
1,2,4-Trimethylbenzene
Concen: 51.316 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion:105 Resp: 558542
Ion Ratio Lower Upper
105 100
120 46.5 23.2 69.6





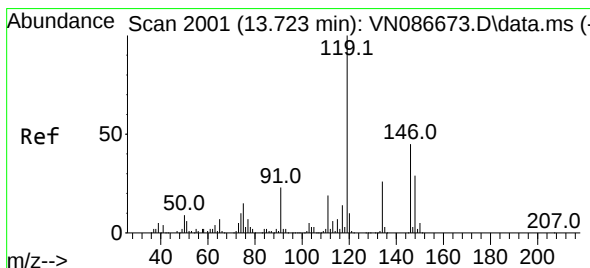
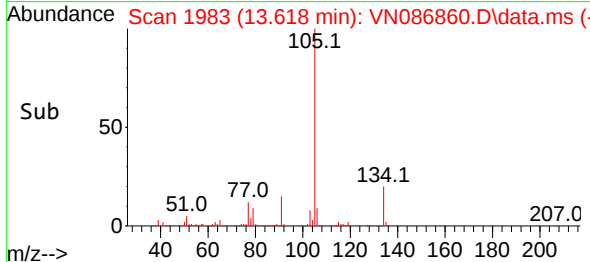
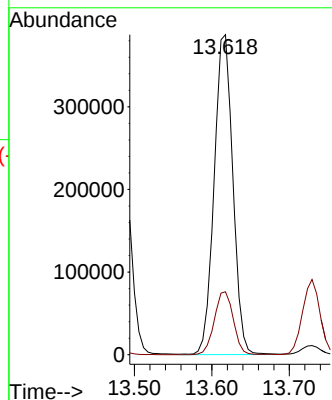
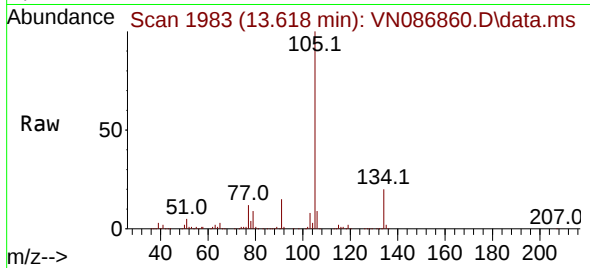
#85
 sec-Butylbenzene
 Concen: 50.844 ug/l
 RT: 13.618 min Scan# 1982
 Delta R.T. 0.006 min
 Lab File: VN086860.D
 Acq: 03 Jun 2025 22:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 649838
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1

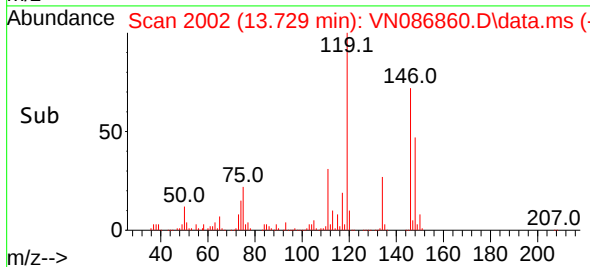
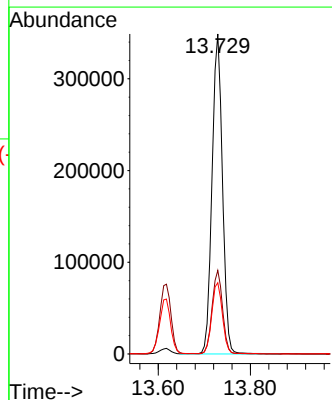
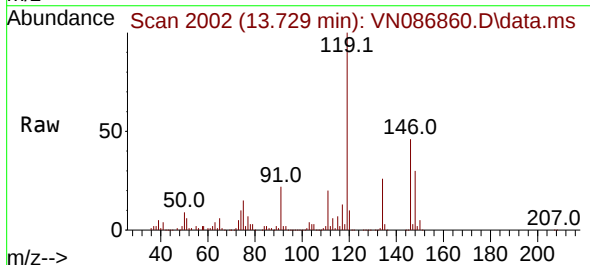
Manual Integrations
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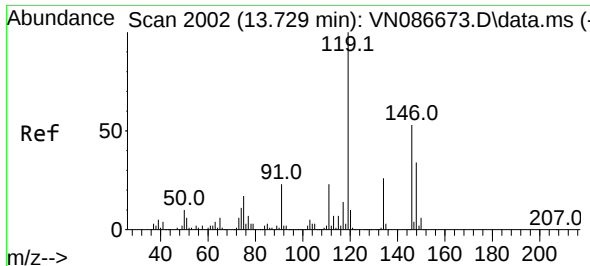
Reviewed By :John Carlone 06/04/2025
 Supervised By :Mahesh Dadoda 06/04/2025



#86
 p-Isopropyltoluene
 Concen: 52.419 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN086860.D
 Acq: 03 Jun 2025 22:13

Tgt Ion:119 Resp: 549161
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 23.1 11.5 34.5





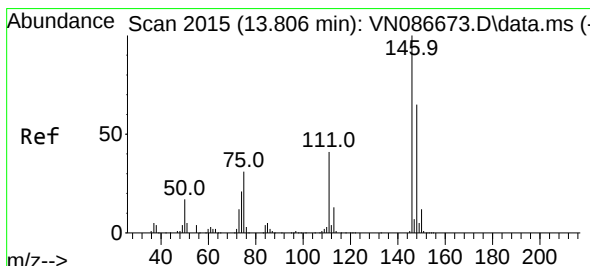
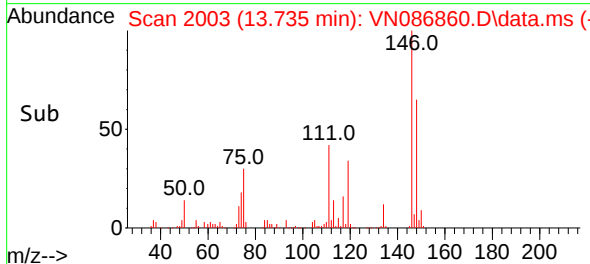
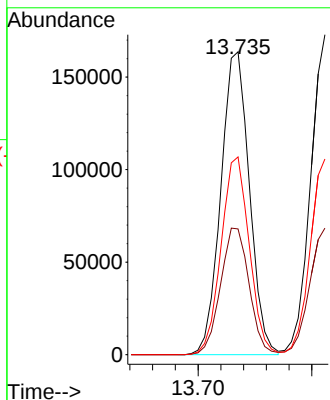
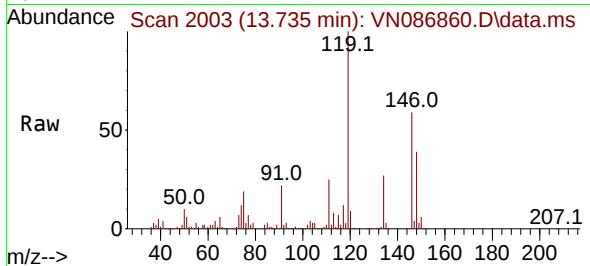
#87
1,3-Dichlorobenzene
Concen: 48.104 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 285858
Ion Ratio Lower Upper
146 100
111 41.9 20.9 62.7
148 64.3 31.8 95.4

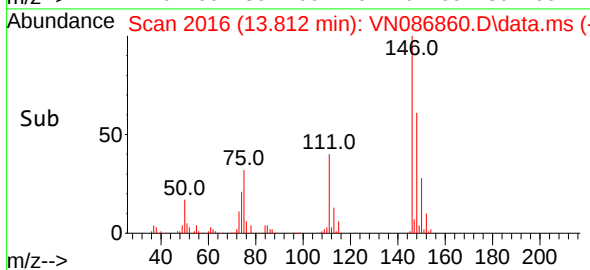
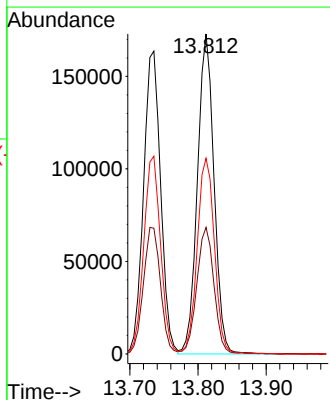
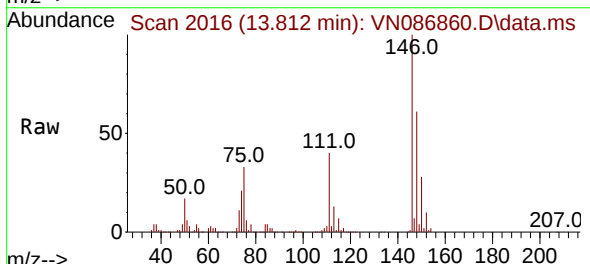
Manual Integrations
APPROVED

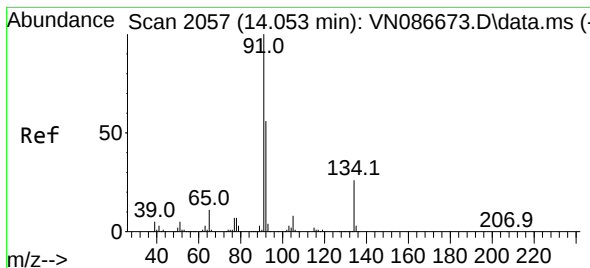
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#88
1,4-Dichlorobenzene
Concen: 49.808 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion:146 Resp: 293263
Ion Ratio Lower Upper
146 100
111 41.1 20.6 61.8
148 63.4 32.0 96.0





#89

n-Butylbenzene

Concen: 53.341 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 463260

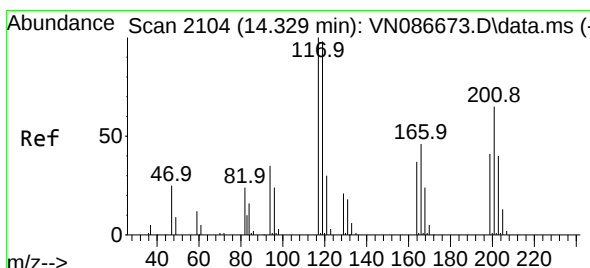
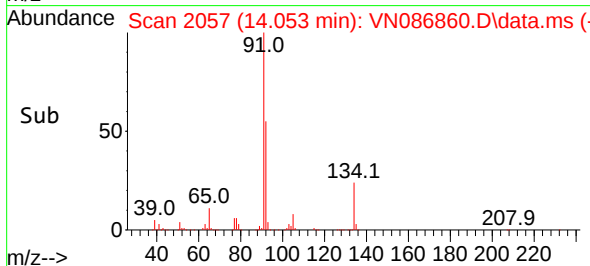
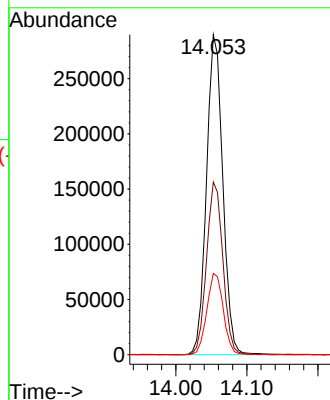
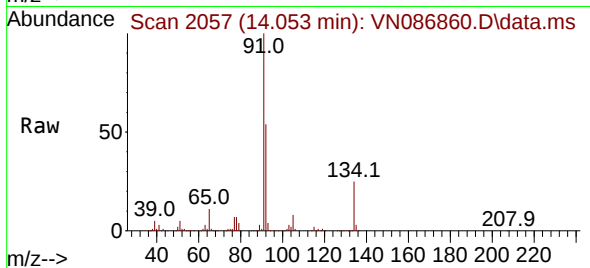
Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.4	82.0
134	25.6	12.8	38.4

Manual Integrations

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Reviewed By :John Carlone 06/04/2025

Supervised By :Mahesh Dadoda 06/04/2025



#90

Hexachloroethane

Concen: 56.333 ug/l

RT: 14.335 min Scan# 2105

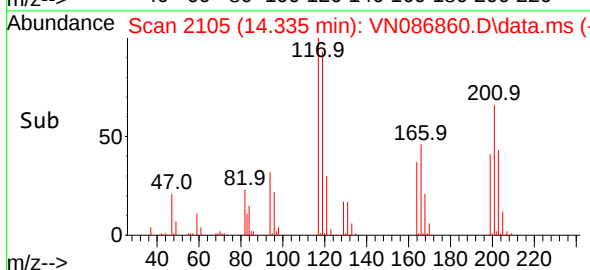
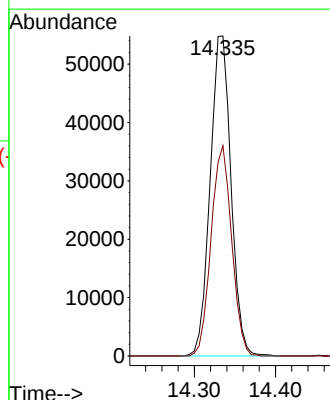
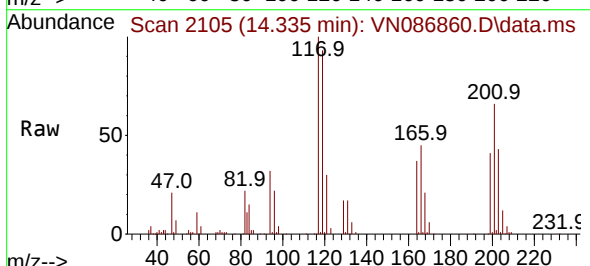
Delta R.T. 0.006 min

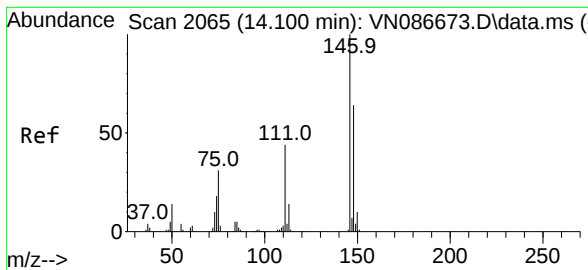
Lab File: VN086860.D

Acq: 03 Jun 2025 22:13

Tgt Ion:117 Resp: 97919

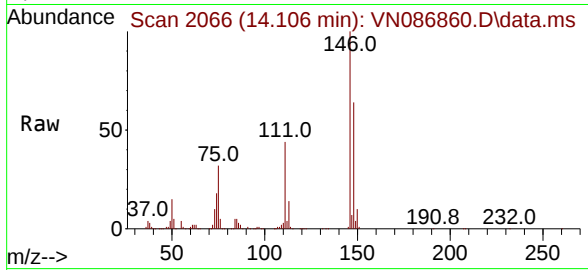
Ion	Ratio	Lower	Upper
117	100		
201	64.7	32.0	96.0





#91
1,2-Dichlorobenzene
Concen: 49.956 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

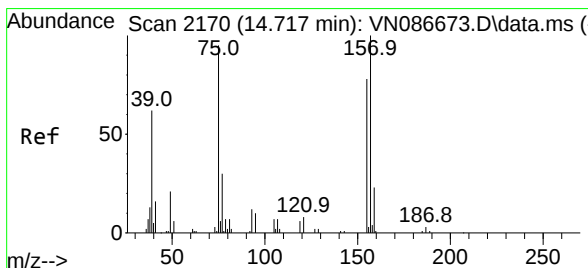
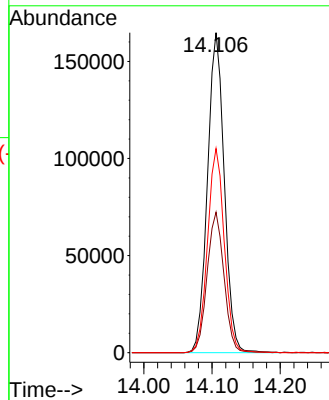
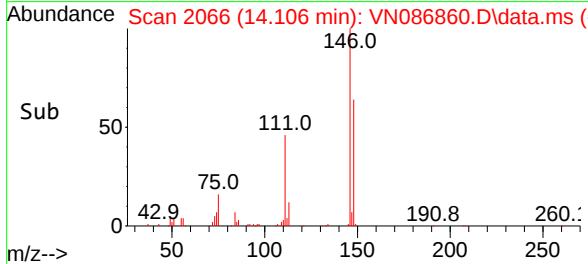
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 282360
Ion Ratio Lower Upper
146 100
111 44.2 21.6 65.0
148 63.7 31.7 95.1

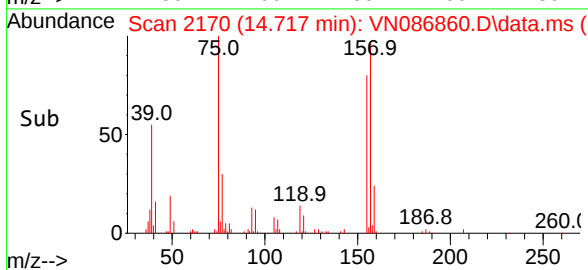
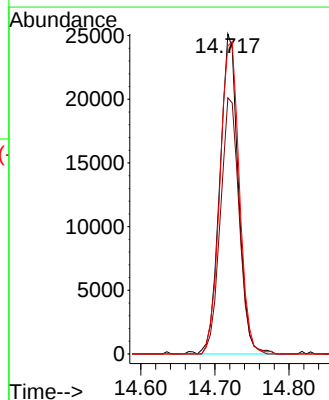
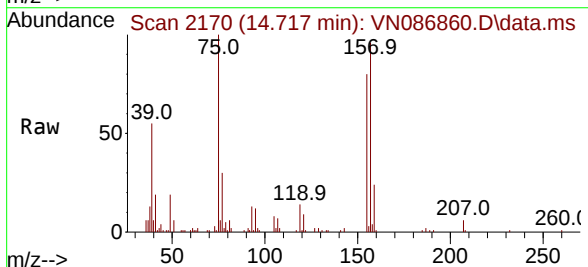
Manual Integrations
APPROVED

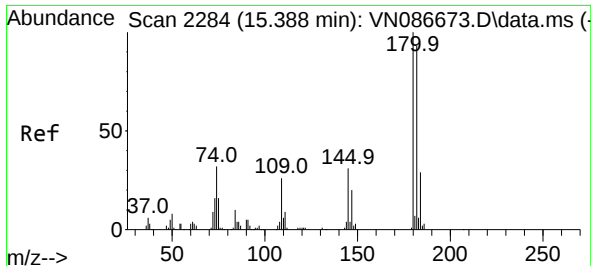
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 63.134 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

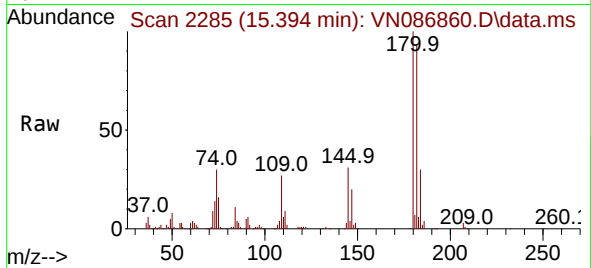
Tgt Ion: 75 Resp: 43835
Ion Ratio Lower Upper
75 100
155 80.7 40.5 121.5
157 101.8 53.6 160.8





#93
1,2,4-Trichlorobenzene
Concen: 60.747 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

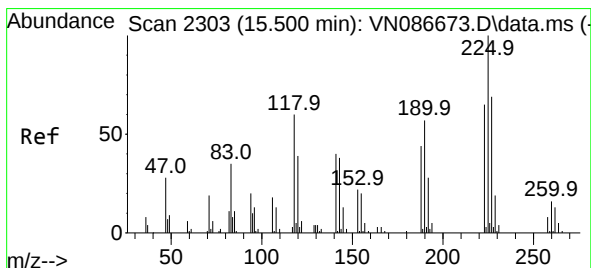
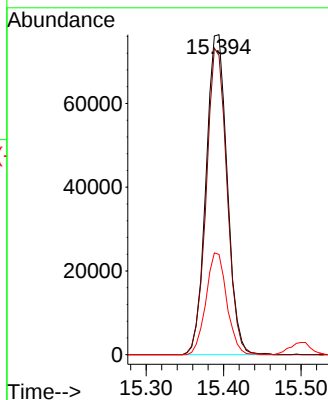
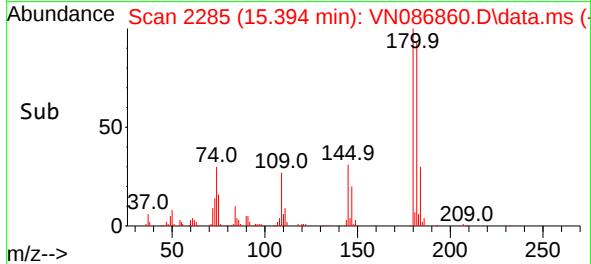
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



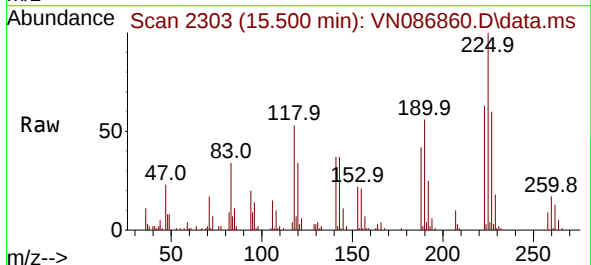
Tgt Ion:180 Resp: 14493
Ion Ratio Lower Upper
180 100
182 93.9 47.1 141.3
145 31.2 15.6 46.8

Manual Integrations
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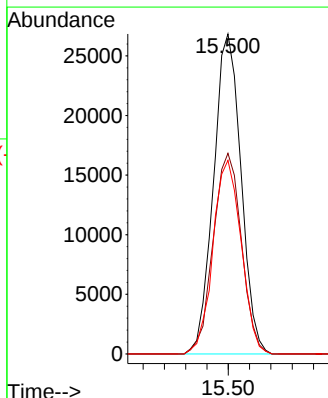
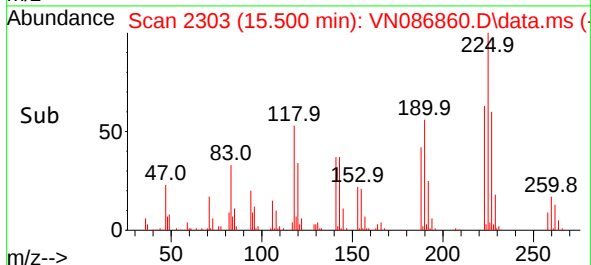
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

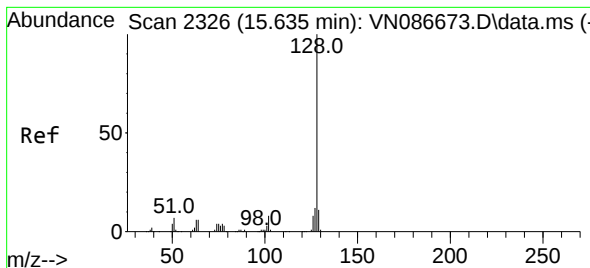


#94
Hexachlorobutadiene
Concen: 48.521 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13



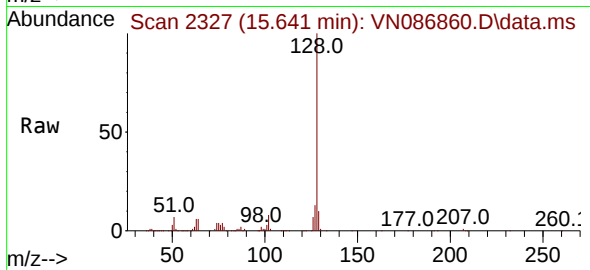
Tgt Ion:225 Resp: 48029
Ion Ratio Lower Upper
225 100
223 64.5 32.9 98.6
227 62.1 32.4 97.2





#95
Naphthalene
Concen: 65.439 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

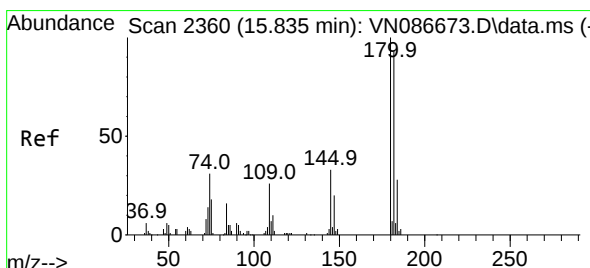
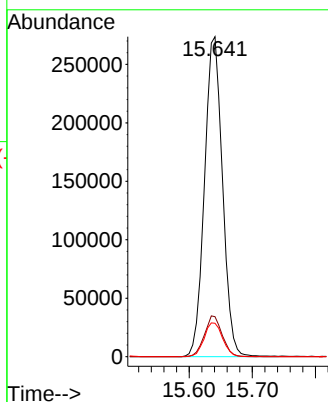
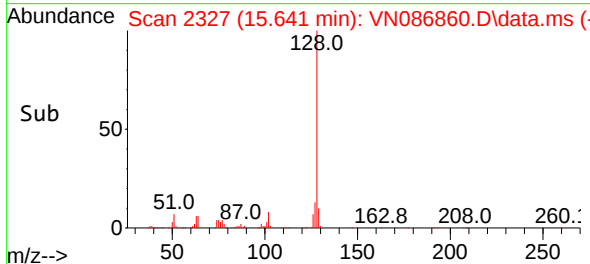
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 542100
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.9 8.6 13.0

Manual Integrations
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Supervised By :Mahesh Dadoda 06/04/2025



#96
1,2,3-Trichlorobenzene
Concen: 60.954 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086860.D
Acq: 03 Jun 2025 22:13

Tgt Ion:180 Resp: 142416
Ion Ratio Lower Upper
180 100
182 93.9 47.0 141.2
145 33.2 16.7 50.1

