

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
 Data File : VN086835.D
 Acq On : 03 Jun 2025 11:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 04 01:55:25 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	307948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	547716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	465701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	208517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	188683	44.341	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.680%		
35) Dibromofluoromethane	8.159	113	160095	49.081	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.160%		
50) Toluene-d8	10.565	98	637225	47.141	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.280%		
62) 4-Bromofluorobenzene	12.847	95	223984	46.928	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.860%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	153950	46.292	ug/l	98
3) Chloromethane	2.371	50	289421	57.538	ug/l	100
4) Vinyl Chloride	2.530	62	190736	42.222	ug/l	99
5) Bromomethane	2.971	94	88667	34.047	ug/l	95
6) Chloroethane	3.130	64	126638	42.793	ug/l	95
7) Trichlorofluoromethane	3.501	101	244610	45.310	ug/l	98
8) Diethyl Ether	3.942	74	109782	49.225	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.353	101	159015	49.201	ug/l	97
10) Methyl Iodide	4.565	142	57855	14.391	ug/l	96
11) Tert butyl alcohol	5.506	59	157100	202.712	ug/l	100
12) 1,1-Dichloroethene	4.324	96	158112	46.033	ug/l	97
13) Acrolein	4.159	56	173135	208.978	ug/l	100
14) Allyl chloride	5.006	41	274585	52.817	ug/l	89
15) Acrylonitrile	5.706	53	438703	228.627	ug/l	99
16) Acetone	4.412	43	368488	231.498	ug/l	97
17) Carbon Disulfide	4.700	76	412471	43.374	ug/l	100
18) Methyl Acetate	5.006	43	201572	45.245	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	570859	48.811	ug/l	100
20) Methylene Chloride	5.259	84	187165	44.558	ug/l	99
21) trans-1,2-Dichloroethene	5.777	96	166808	45.934	ug/l	98
22) Diisopropyl ether	6.659	45	564549	48.133	ug/l	96
23) Vinyl Acetate	6.589	43	2085731	236.612	ug/l	99
24) 1,1-Dichloroethane	6.559	63	321909	46.747	ug/l	99
25) 2-Butanone	7.471	43	575227	233.860	ug/l	99
26) 2,2-Dichloropropane	7.483	77	285983	50.324	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	210904	47.315	ug/l	99
28) Bromochloromethane	7.806	49	127915	40.885	ug/l	98
29) Tetrahydrofuran	7.830	42	361502	225.166	ug/l	100
30) Chloroform	7.959	83	317944	46.129	ug/l	98
31) Cyclohexane	8.247	56	284142	44.491	ug/l	97
32) 1,1,1-Trichloroethane	8.159	97	268075	46.131	ug/l	98
36) 1,1-Dichloropropene	8.365	75	230441	47.895	ug/l	99
37) Ethyl Acetate	7.553	43	221227	45.518	ug/l	99
38) Carbon Tetrachloride	8.353	117	224173	47.288	ug/l	100
39) Methylcyclohexane	9.594	83	274893	52.788	ug/l	99
40) Benzene	8.600	78	745853	47.520	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	130423	49.700	ug/l	96
42) 1,2-Dichloroethane	8.665	62	223446	45.695	ug/l	98
43) Isopropyl Acetate	8.683	43	389548	39.981	ug/l	95
44) Trichloroethene	9.347	130	175494	46.357	ug/l	97
45) 1,2-Dichloropropane	9.618	63	182848	49.039	ug/l	96
46) Dibromomethane	9.706	93	117499	46.702	ug/l	99
47) Bromodichloromethane	9.882	83	253716	48.943	ug/l	99
48) Methyl methacrylate	9.677	41	180469	47.800	ug/l	95
49) 1,4-Dioxane	9.694	88	66897	836.780	ug/l #	83
51) 4-Methyl-2-Pentanone	10.441	43	1105000	224.893	ug/l	98
52) Toluene	10.624	92	459688	47.122	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	282190	51.414	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	305118	50.926	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	168827	46.394	ug/l	98
56) Ethyl methacrylate	10.871	69	293439	50.223	ug/l	98
57) 1,3-Dichloropropane	11.159	76	296991	47.374	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	720635	275.970	ug/l	100
59) 2-Hexanone	11.194	43	754763	210.353	ug/l	97
60) Dibromochloromethane	11.353	129	190576	49.972	ug/l	98
61) 1,2-Dibromoethane	11.465	107	170375	46.591	ug/l	100
64) Tetrachloroethene	11.100	164	142144	39.844	ug/l	96
65) Chlorobenzene	11.888	112	492826	48.260	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	167267	50.738	ug/l	99
67) Ethyl Benzene	11.959	91	860307	49.185	ug/l	97
68) m/p-Xylenes	12.071	106	666930	100.667	ug/l	97
69) o-Xylene	12.394	106	325037	49.349	ug/l	100
70) Styrene	12.412	104	543718	50.421	ug/l	100
71) Bromoform	12.576	173	120798	51.523	ug/l #	99
73) Isopropylbenzene	12.694	105	795110	49.371	ug/l	100
74) N-amyl acetate	12.500	43	317518	47.189	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	242010	48.914	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	216438m	45.896	ug/l	
77) Bromobenzene	12.976	156	186125	45.944	ug/l	99
78) n-propylbenzene	13.035	91	914832	49.499	ug/l	99
79) 2-Chlorotoluene	13.123	91	565770	47.081	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	644639	49.962	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	107382	57.465	ug/l	88
82) 4-Chlorotoluene	13.218	91	566090	47.548	ug/l	99
83) tert-Butylbenzene	13.435	119	552125	49.068	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	654762	50.959	ug/l	100
85) sec-Butylbenzene	13.612	105	763856	50.628	ug/l	99
86) p-Isopropyltoluene	13.723	119	651562	52.685	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	332920	47.458	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	337415	48.546	ug/l	99
89) n-Butylbenzene	14.053	91	556972	54.326	ug/l	99
90) Hexachloroethane	14.329	117	110821	54.008	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	321762	48.223	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	46258	56.438	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	175713	62.388	ug/l	99
94) Hexachlorobutadiene	15.494	225	61691	52.794	ug/l	97
95) Naphthalene	15.635	128	623173	63.724	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	166197	60.257	ug/l	100

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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

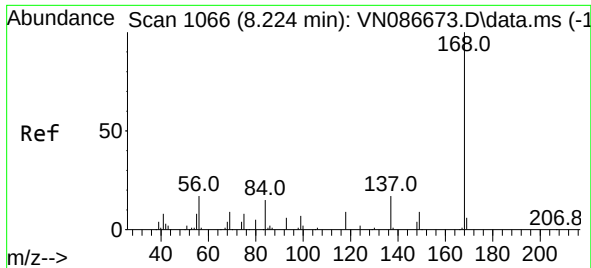
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

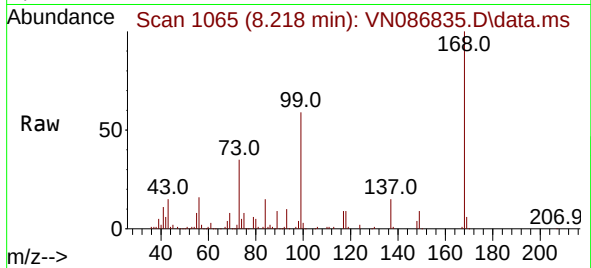
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086835.D
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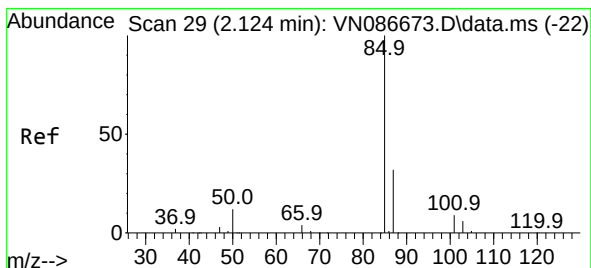
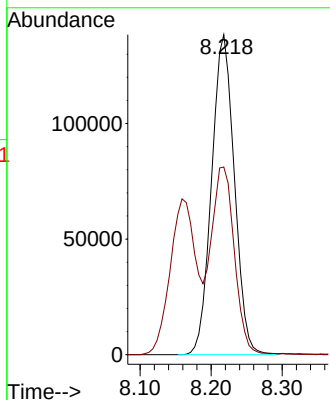
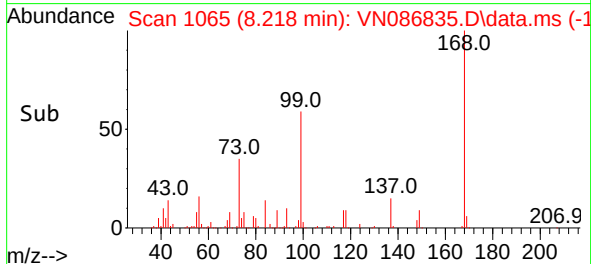
Instrument :
MSVOA_N
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VSTDCCC050



Tgt Ion:168 Resp: 307948
Ion Ratio Lower Upper
168 100
99 58.4 47.0 70.4

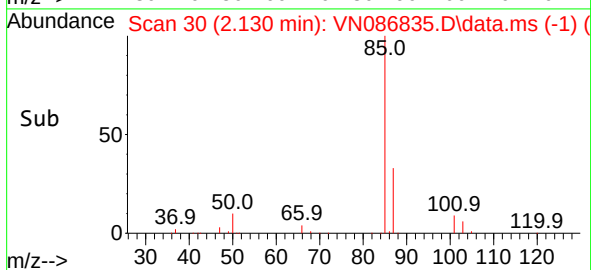
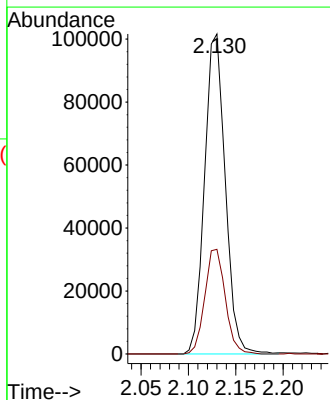
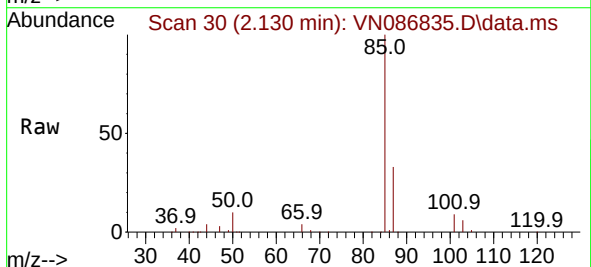
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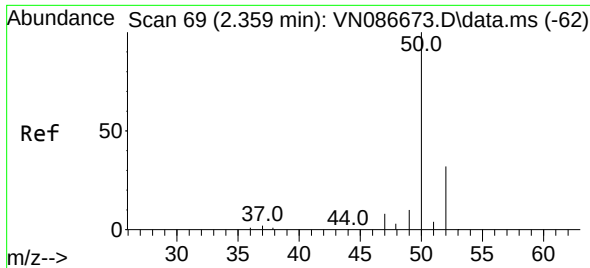
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#2
Dichlorodifluoromethane
Concen: 46.292 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

Tgt Ion: 85 Resp: 153950
Ion Ratio Lower Upper
85 100
87 32.7 15.9 47.6





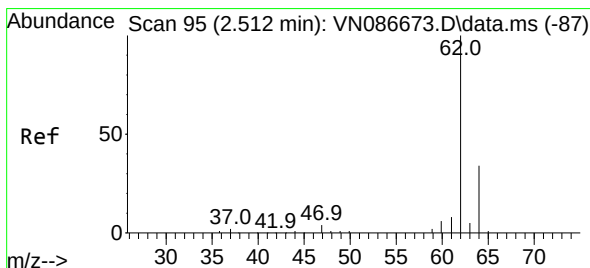
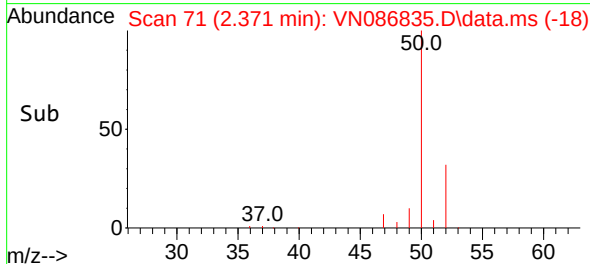
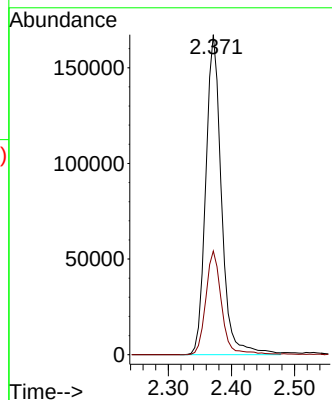
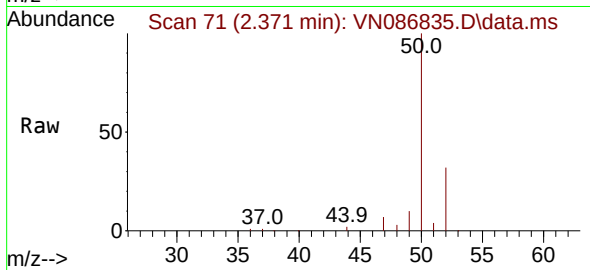
#3
Chloromethane
Concen: 57.538 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

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Tgt Ion: 50 Resp: 28942
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9

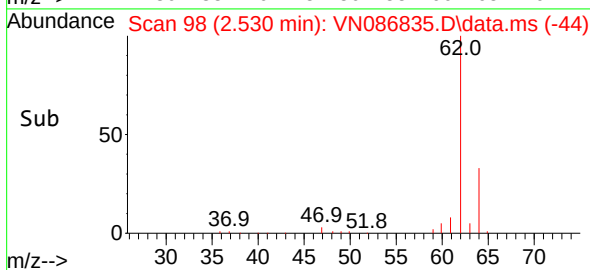
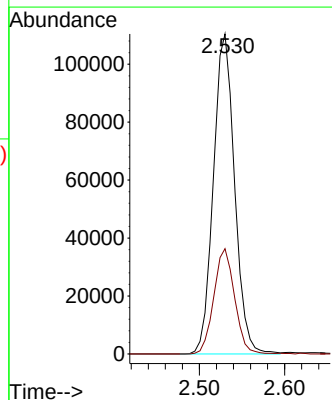
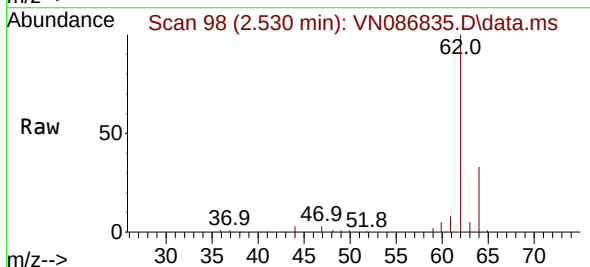
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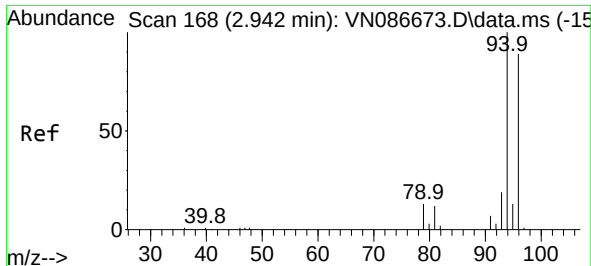
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#4
Vinyl Chloride
Concen: 42.222 ug/l
RT: 2.530 min Scan# 98
Delta R.T. 0.018 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

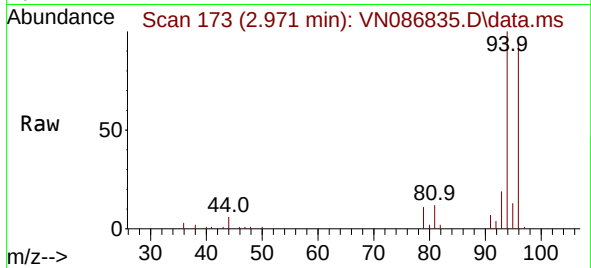
Tgt Ion: 62 Resp: 190736
Ion Ratio Lower Upper
62 100
64 32.9 26.9 40.3





#5
Bromomethane
Concen: 34.047 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

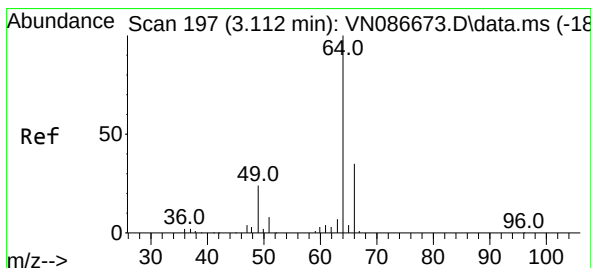
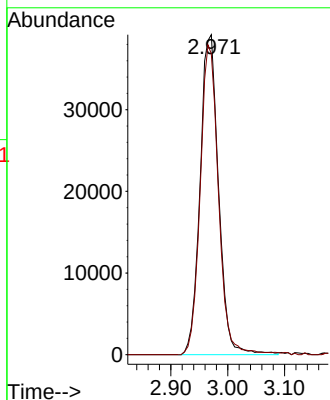
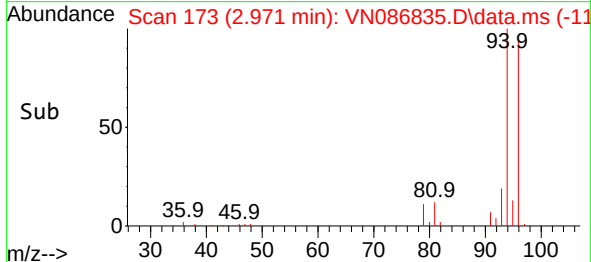
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 8866
Ion Ratio Lower Upper
94 100
96 94.0 71.2 106.8

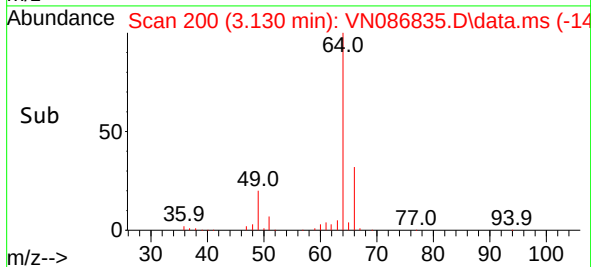
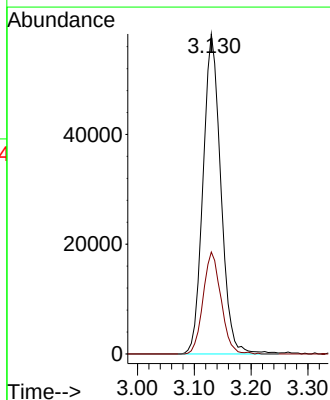
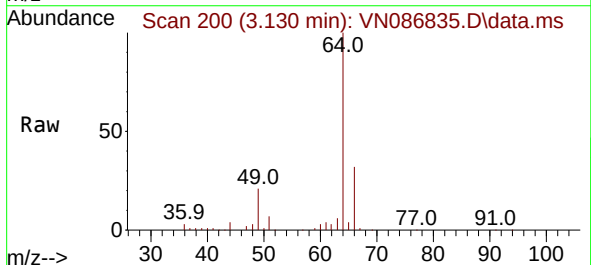
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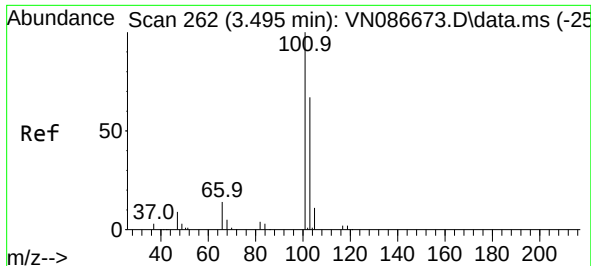
Reviewed By :John Carlone 06/04/2025
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#6
Chloroethane
Concen: 42.793 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.018 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

Tgt Ion: 64 Resp: 126638
Ion Ratio Lower Upper
64 100
66 31.9 27.7 41.5





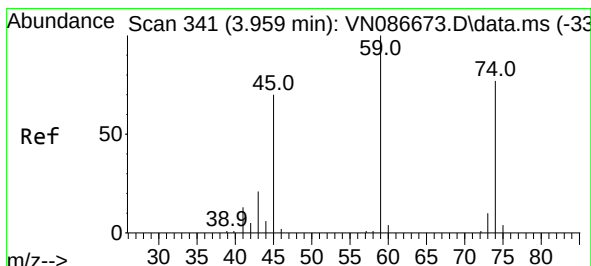
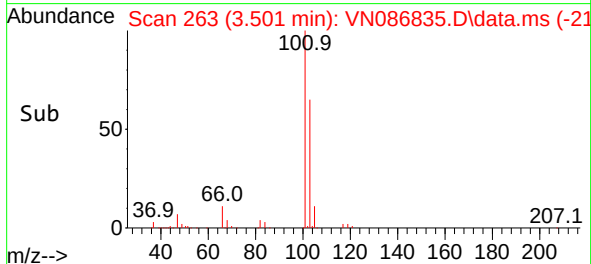
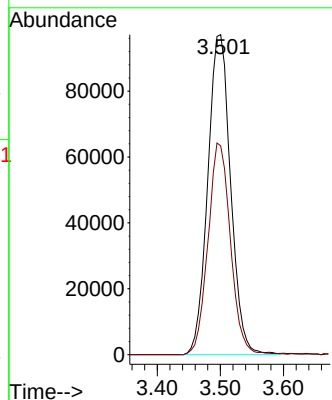
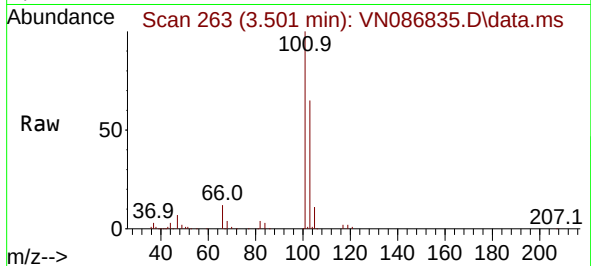
#7
Trichlorofluoromethane
Concen: 45.310 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 244610
Ion Ratio Lower Upper
101 100
103 65.2 53.4 80.0

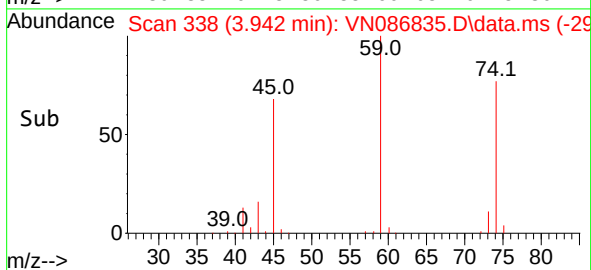
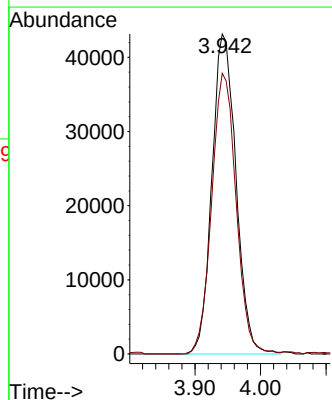
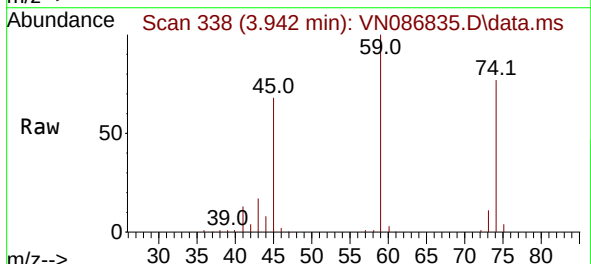
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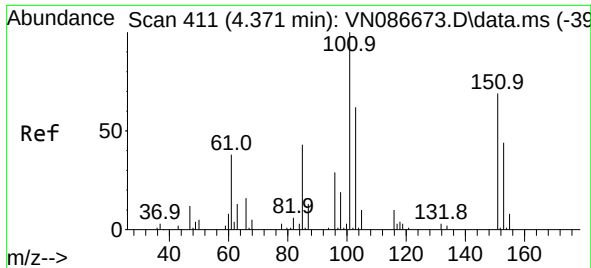
Reviewed By :John Carlone 06/04/2025
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#8
Diethyl Ether
Concen: 49.225 ug/l
RT: 3.942 min Scan# 338
Delta R.T. -0.018 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

Tgt Ion: 74 Resp: 109782
Ion Ratio Lower Upper
74 100
45 89.0 45.0 135.0





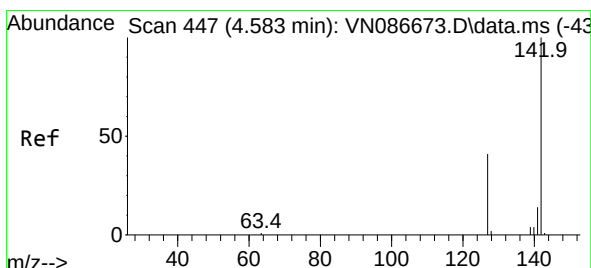
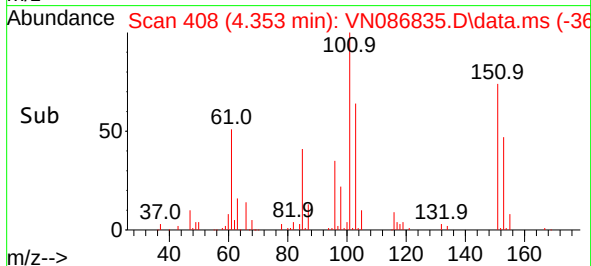
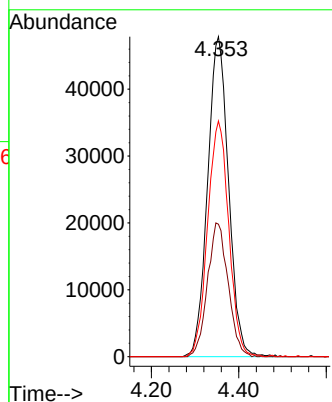
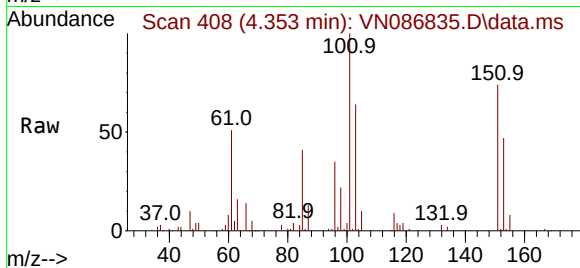
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.201 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.018 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 15901
Ion Ratio Lower Upper
101 100
85 41.2 35.0 52.6
151 74.2 58.1 87.1

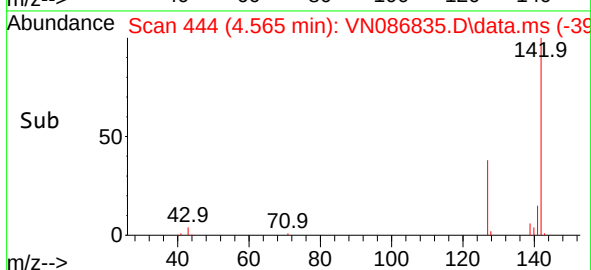
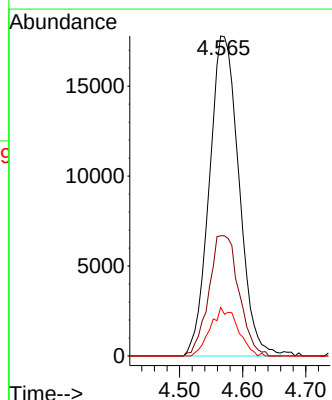
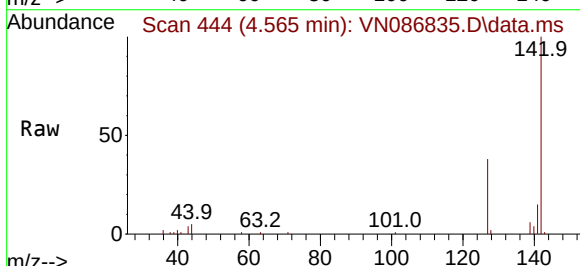
Manual Integrations
APPROVED

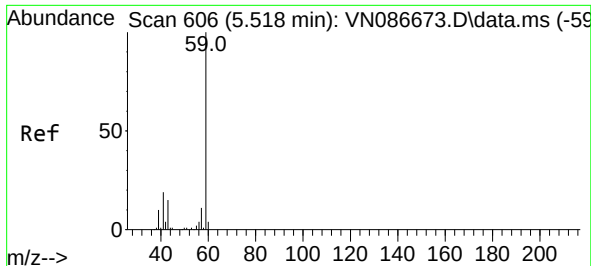
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#10
Methyl Iodide
Concen: 14.391 ug/l
RT: 4.565 min Scan# 444
Delta R.T. -0.018 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

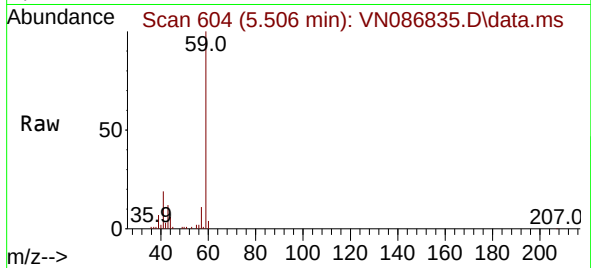
Tgt Ion:142 Resp: 57855
Ion Ratio Lower Upper
142 100
127 37.5 32.4 48.6
141 15.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 202.712 ug/l
RT: 5.506 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

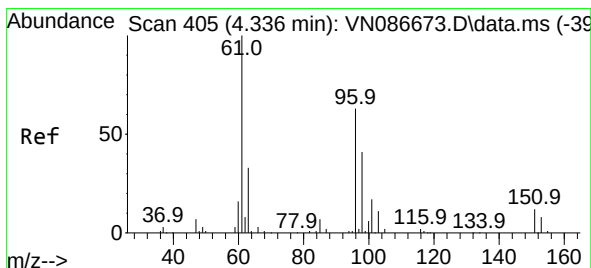
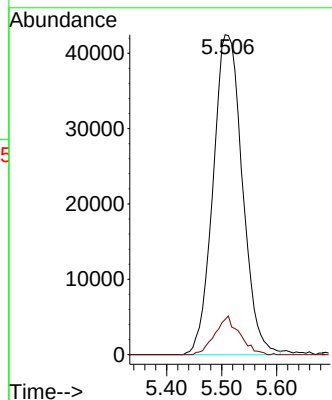
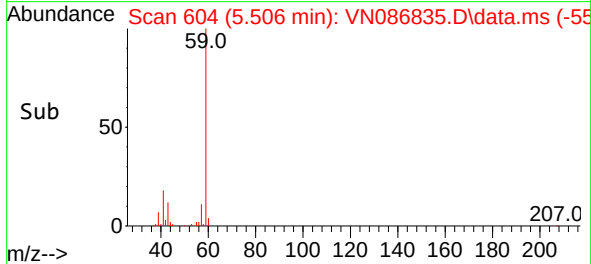
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



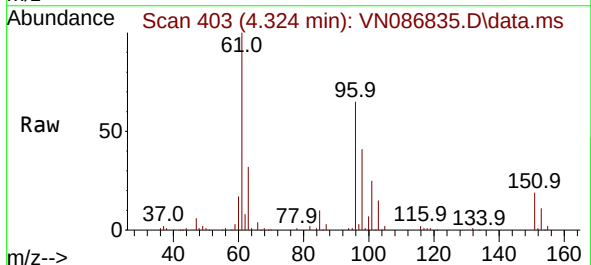
Tgt Ion: 59 Resp: 157100
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

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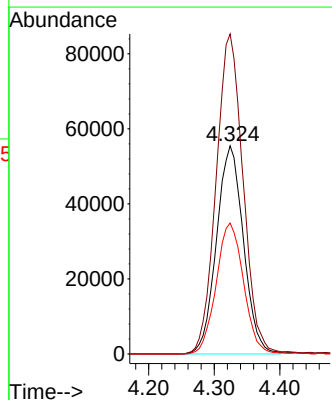
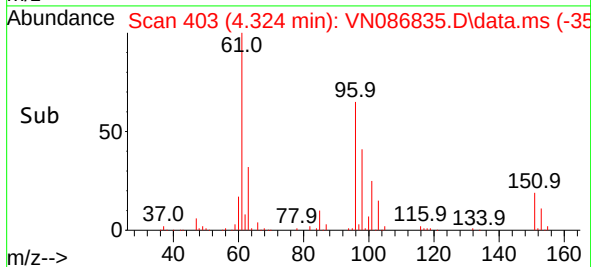
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

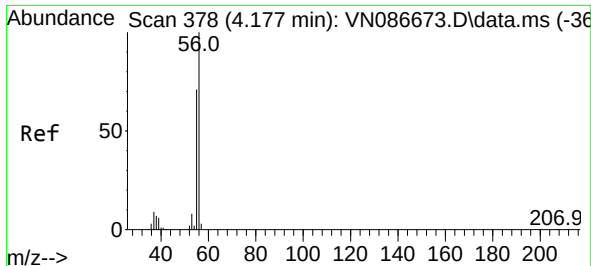


#12
1,1-Dichloroethene
Concen: 46.033 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.012 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30



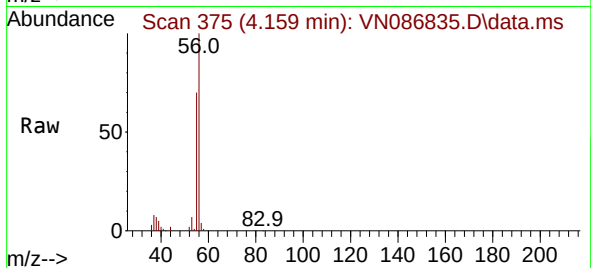
Tgt Ion: 96 Resp: 158112
Ion Ratio Lower Upper
96 100
61 153.7 126.2 189.2
98 62.8 51.5 77.3





#13
Acrolein
Concen: 208.978 ug/l
RT: 4.159 min Scan# 31
Delta R.T. -0.018 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

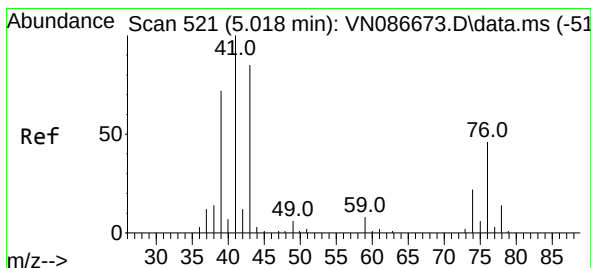
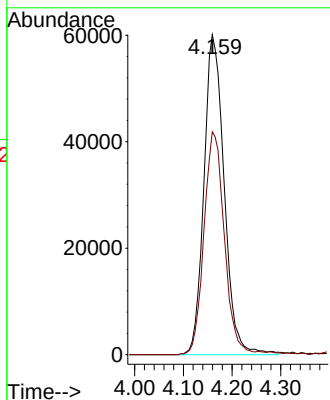
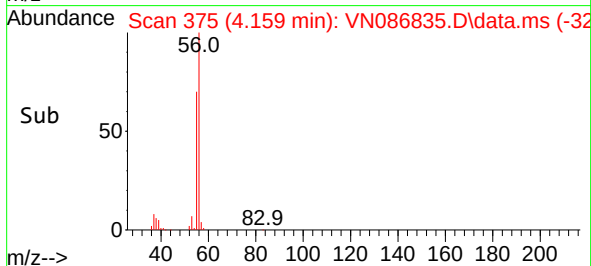
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



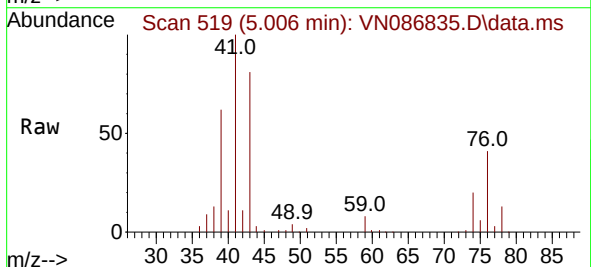
Tgt Ion: 56 Resp: 17313
Ion Ratio Lower Upper
56 100
55 70.0 55.7 83.5

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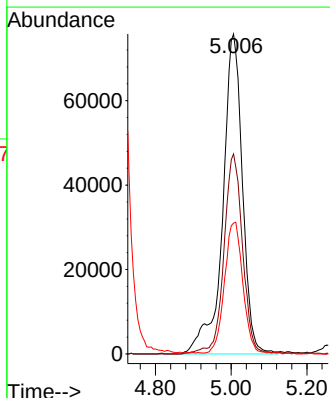
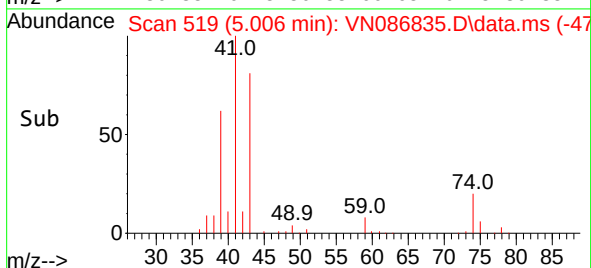
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

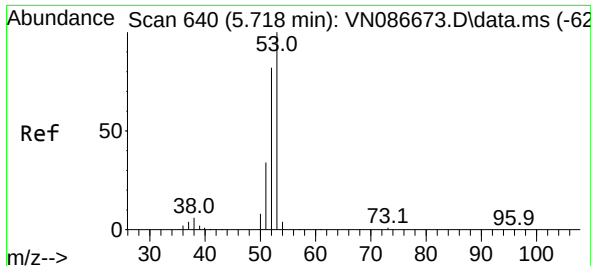


#14
Allyl chloride
Concen: 52.817 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.012 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30



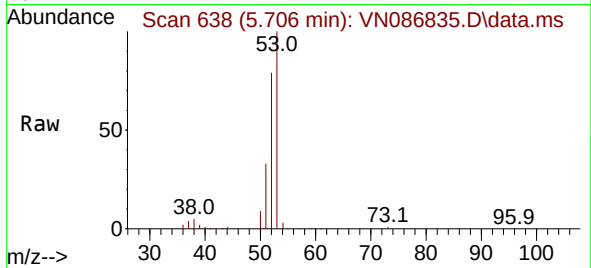
Tgt Ion: 41 Resp: 274585
Ion Ratio Lower Upper
41 100
39 58.9 57.4 86.0
76 38.6 33.2 49.8





#15
Acrylonitrile
Concen: 228.627 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

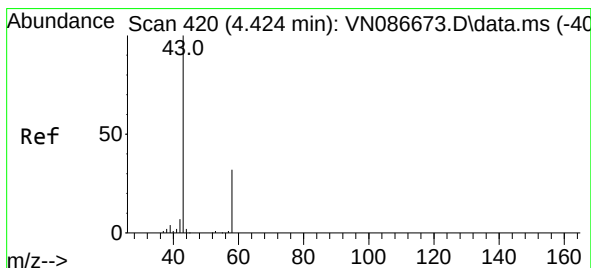
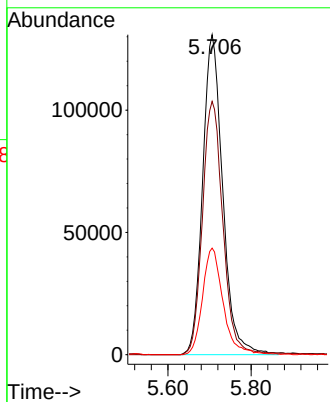
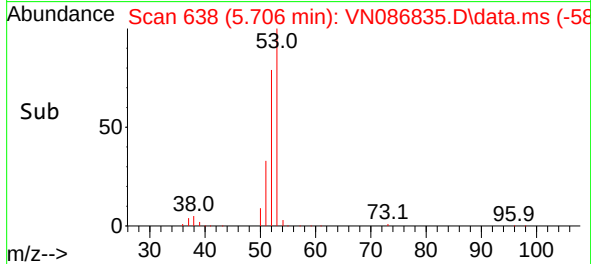
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 43870
Ion Ratio Lower Upper
53 100
52 80.7 65.4 98.2
51 34.2 27.9 41.9

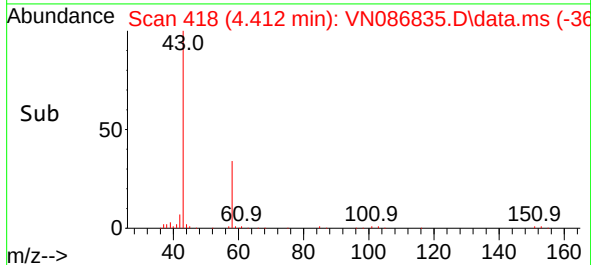
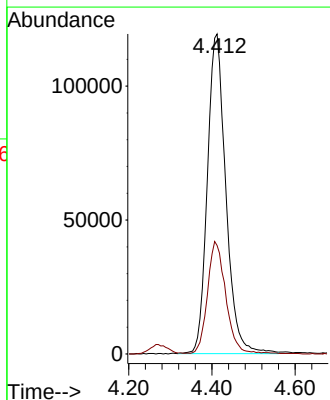
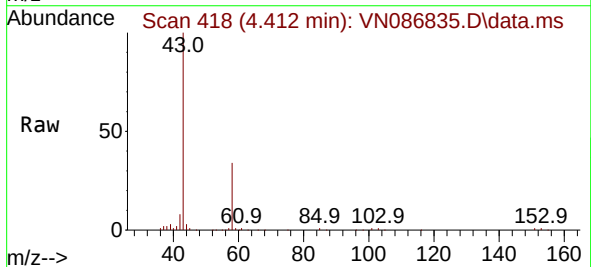
Manual Integrations
APPROVED

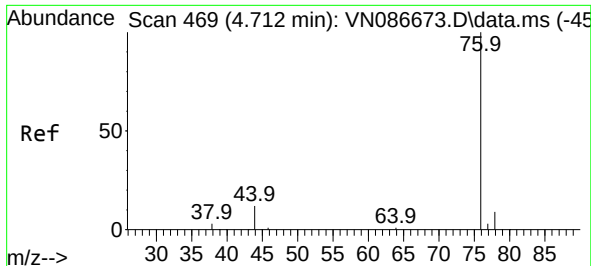
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#16
Acetone
Concen: 231.498 ug/l
RT: 4.412 min Scan# 418
Delta R.T. -0.012 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

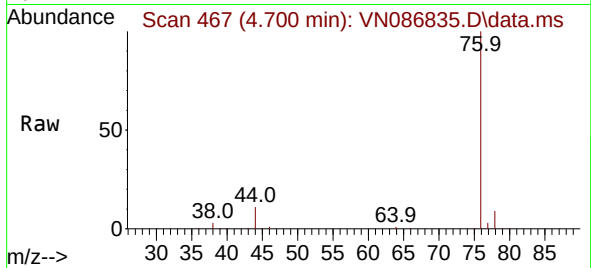
Tgt Ion: 43 Resp: 368488
Ion Ratio Lower Upper
43 100
58 33.8 25.8 38.6





#17
Carbon Disulfide
Concen: 43.374 ug/l
RT: 4.700 min Scan# 41247
Delta R.T. -0.012 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

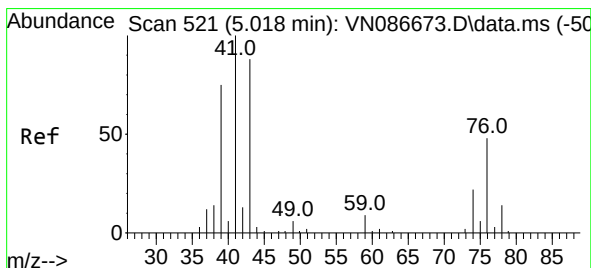
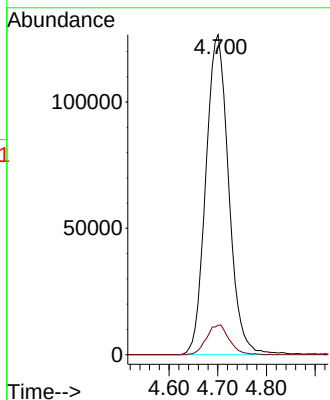
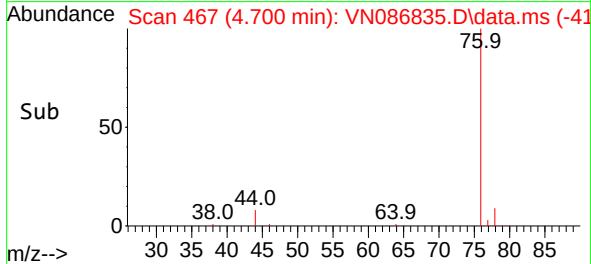
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



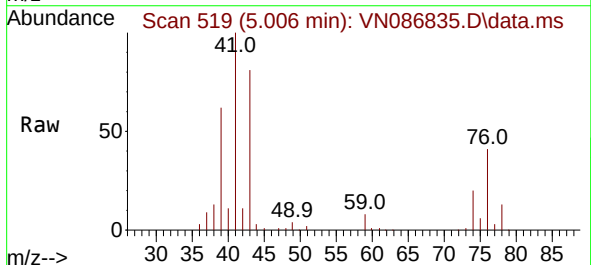
Tgt Ion: 76 Resp: 41247
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

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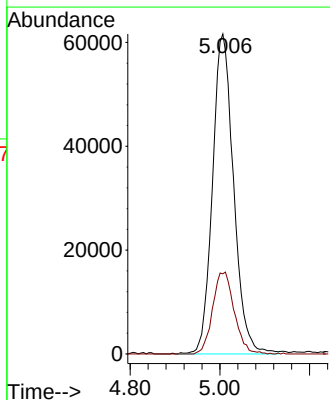
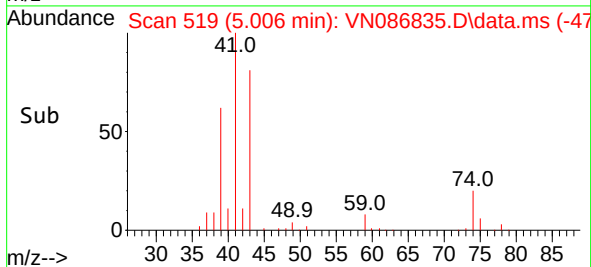
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

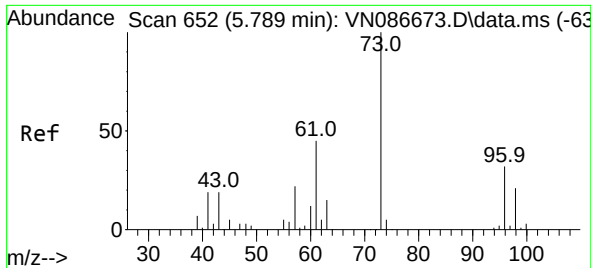


#18
Methyl Acetate
Concen: 45.245 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.012 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30



Tgt Ion: 43 Resp: 201572
Ion Ratio Lower Upper
43 100
74 26.2 20.5 30.7





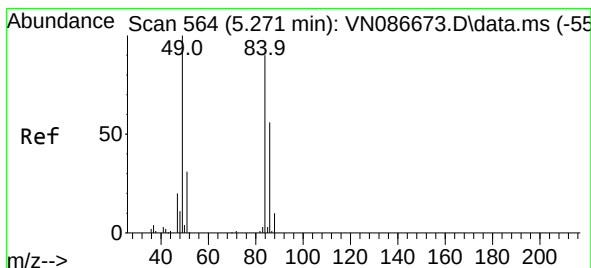
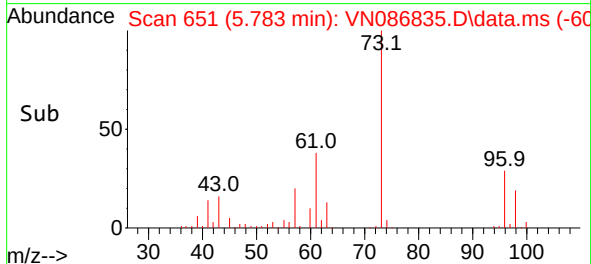
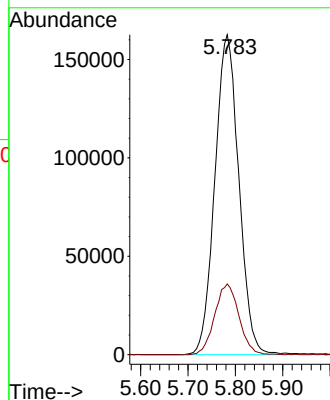
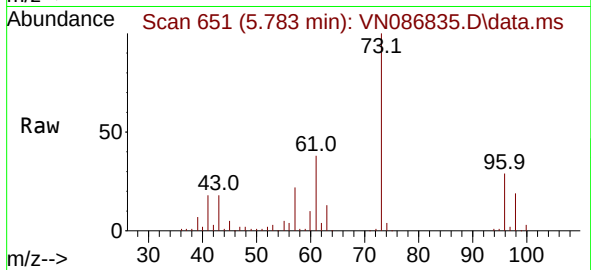
#19
Methyl tert-butyl Ether
Concen: 48.811 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 570859
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

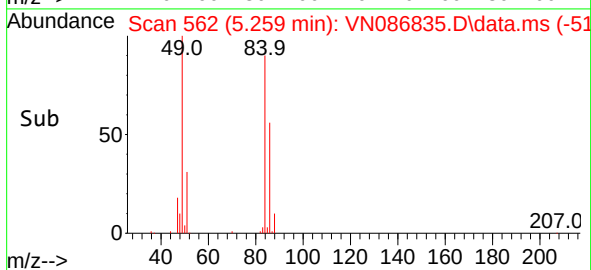
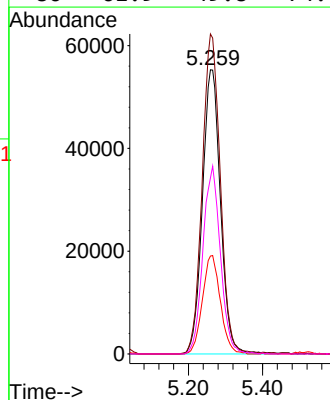
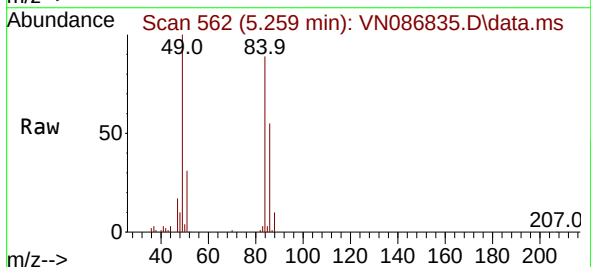
Manual Integrations
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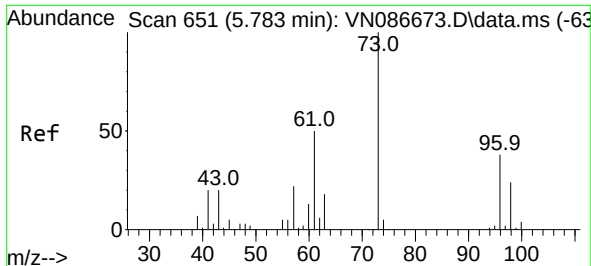
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#20
Methylene Chloride
Concen: 44.558 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.012 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

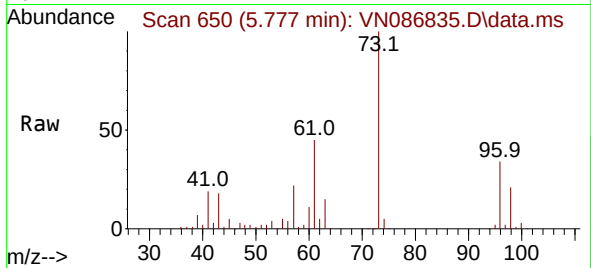
Tgt Ion: 84 Resp: 187165
Ion Ratio Lower Upper
84 100
49 112.6 88.8 133.2
51 34.4 27.8 41.6
86 61.9 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 45.934 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

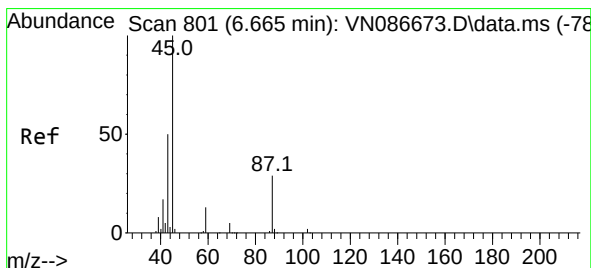
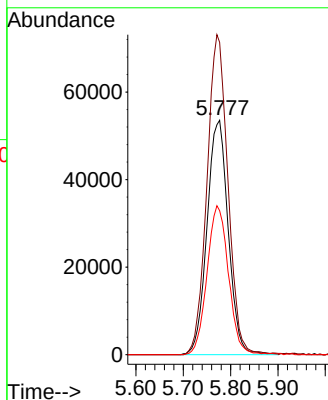
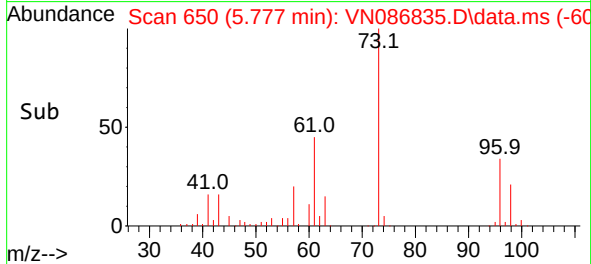
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 166808
Ion Ratio Lower Upper
96 100
61 133.2 105.7 158.5
98 61.4 51.0 76.6

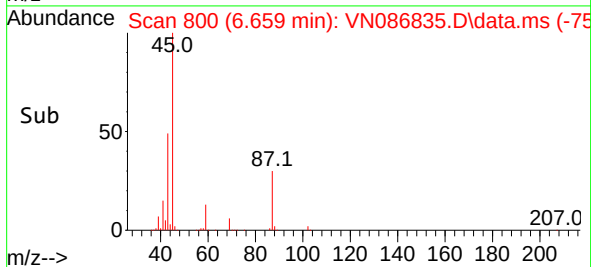
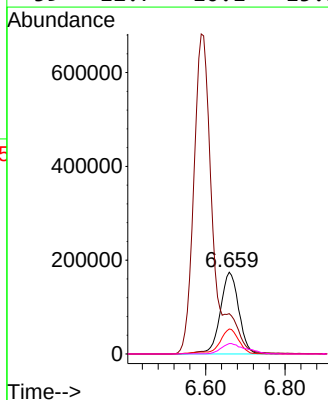
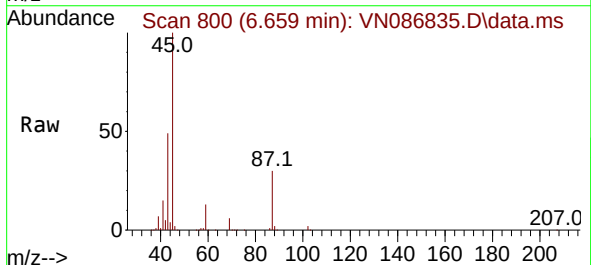
Manual Integrations
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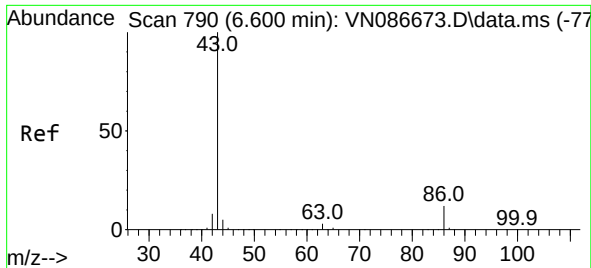
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#22
Diisopropyl ether
Concen: 48.133 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

Tgt Ion: 45 Resp: 564549
Ion Ratio Lower Upper
45 100
43 48.2 41.4 62.2
87 30.3 22.9 34.3
59 12.7 10.1 15.1





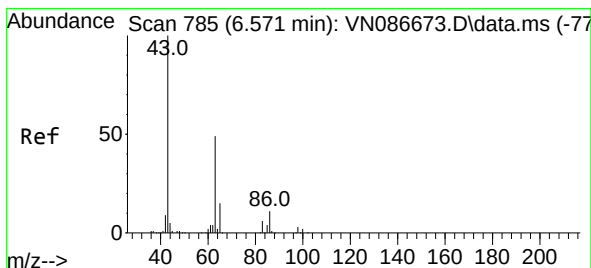
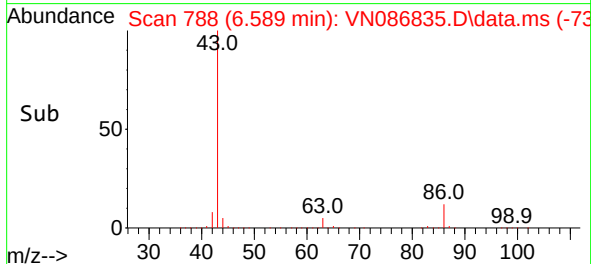
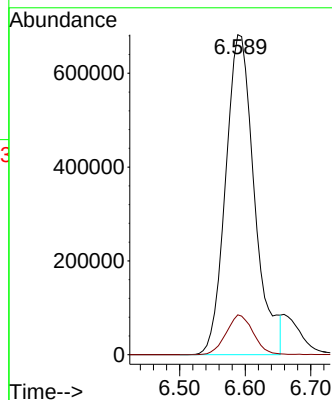
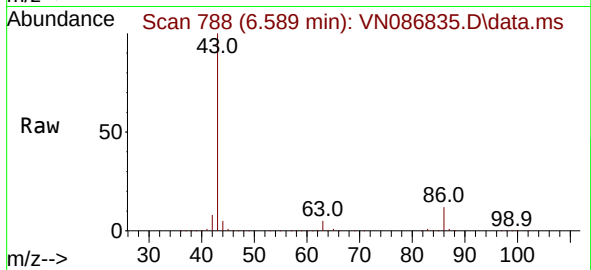
#23
 Vinyl Acetate
 Concen: 236.612 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. -0.012 min
 Lab File: VN086835.D
 Acq: 03 Jun 2025 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 208573
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.5 14.3

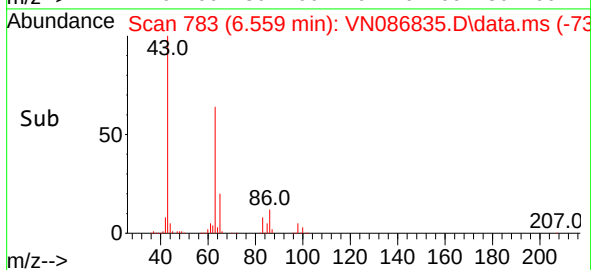
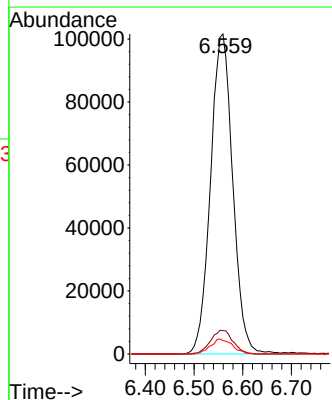
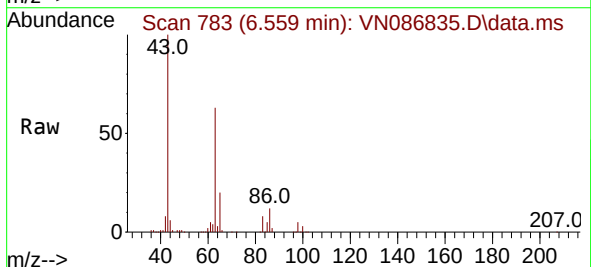
Manual Integrations
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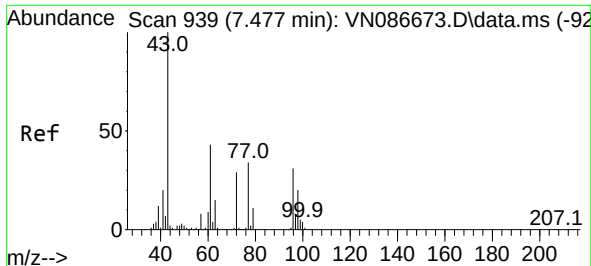
Reviewed By :John Carlone 06/04/2025
 Supervised By :Mahesh Dadoda 06/04/2025



#24
 1,1-Dichloroethane
 Concen: 46.747 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN086835.D
 Acq: 03 Jun 2025 11:30

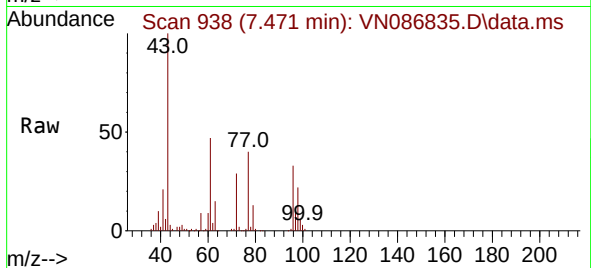
Tgt Ion: 63 Resp: 321909
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 4.2 2.4 7.1





#25
2-Butanone
Concen: 233.860 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

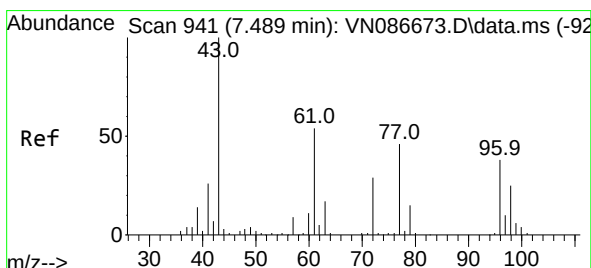
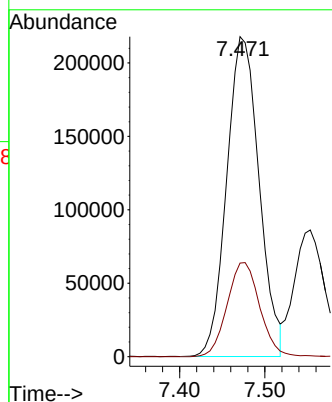
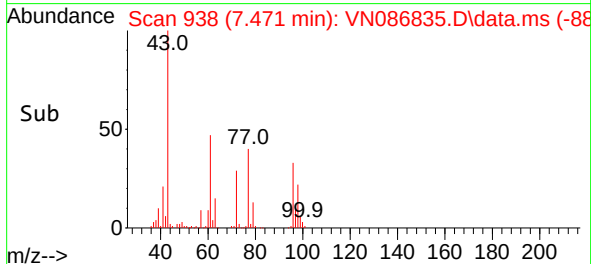
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 57522
Ion Ratio Lower Upper
43 100
72 29.3 23.1 34.7

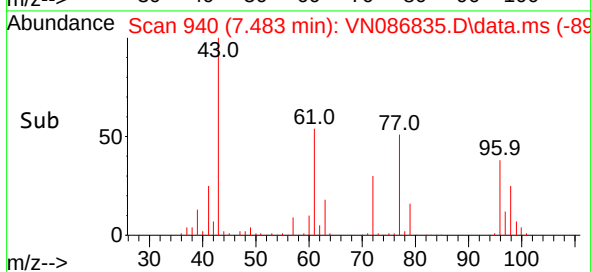
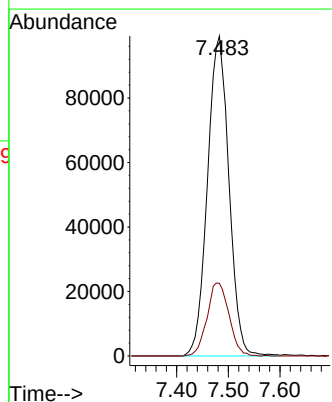
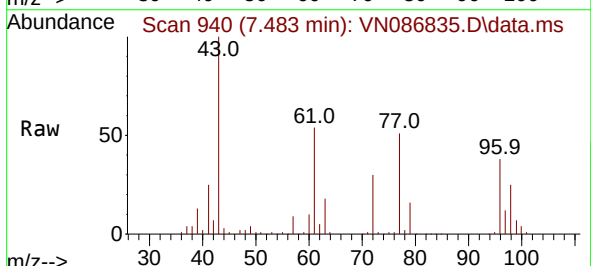
Manual Integrations
APPROVED

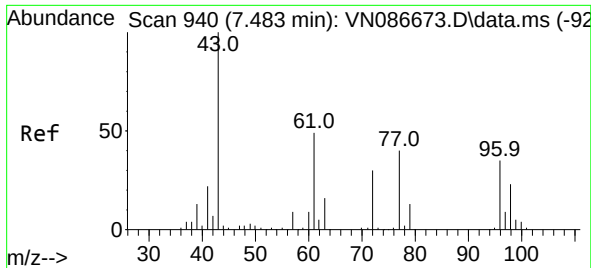
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#26
2,2-Dichloropropane
Concen: 50.324 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

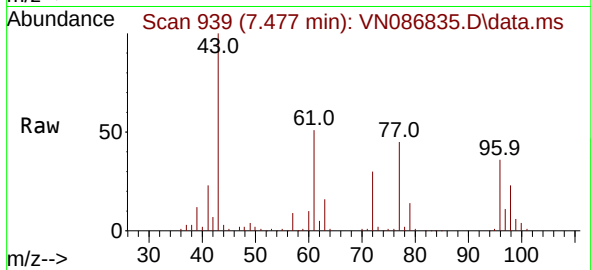
Tgt Ion: 77 Resp: 285983
Ion Ratio Lower Upper
77 100
97 23.3 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 47.315 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN086835.D
 Acq: 03 Jun 2025 11:30

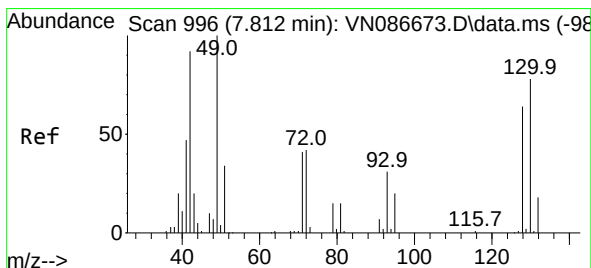
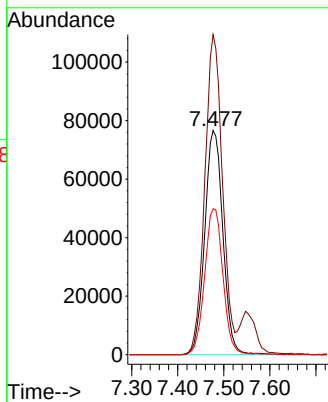
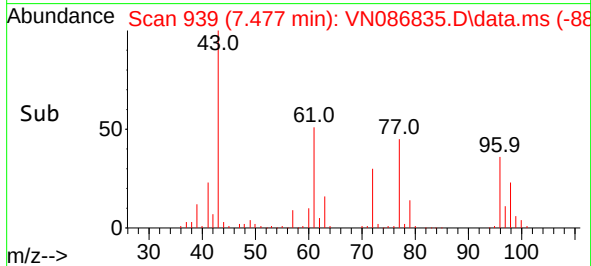
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 210904
 Ion Ratio Lower Upper
 96 100
 61 137.9 0.0 277.4
 98 65.5 0.0 129.6

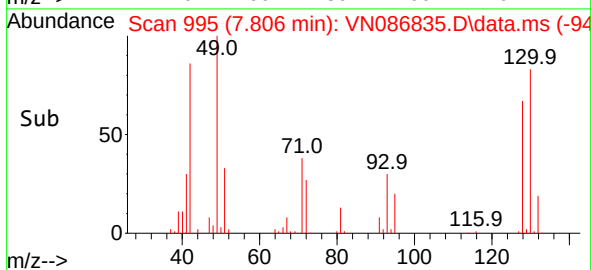
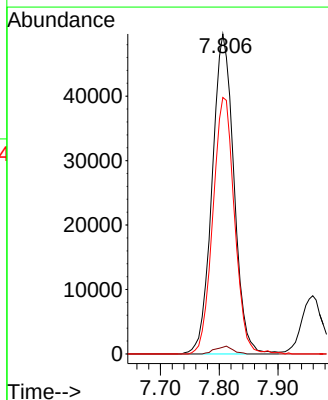
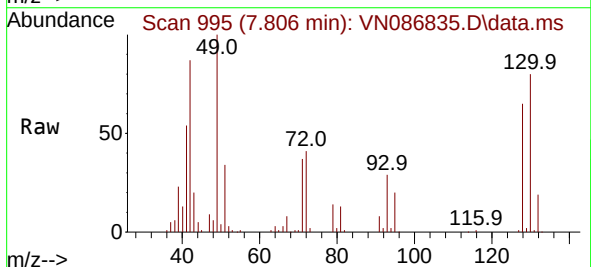
Manual Integrations
 APPROVED

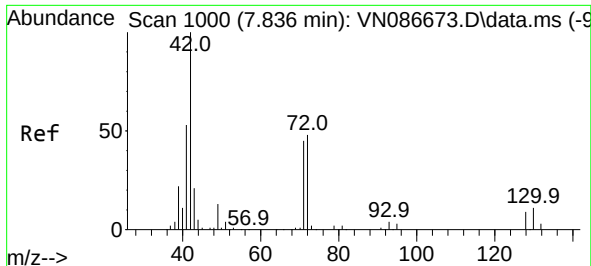
Reviewed By :John Carlone 06/04/2025
 Supervised By :Mahesh Dadoda 06/04/2025



#28
 Bromochloromethane
 Concen: 40.885 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN086835.D
 Acq: 03 Jun 2025 11:30

Tgt Ion: 49 Resp: 127915
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 79.6 62.2 93.4





#29

Tetrahydrofuran

Concen: 225.166 ug/l

RT: 7.830 min Scan# 999

Delta R.T. -0.006 min

Lab File: VN086835.D

Acq: 03 Jun 2025 11:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 361502

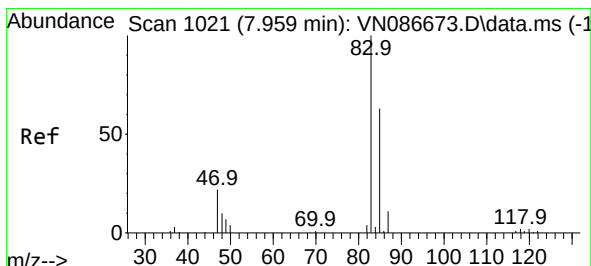
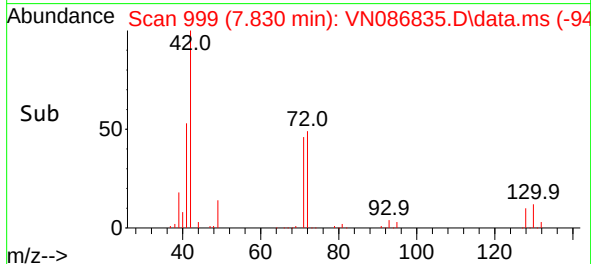
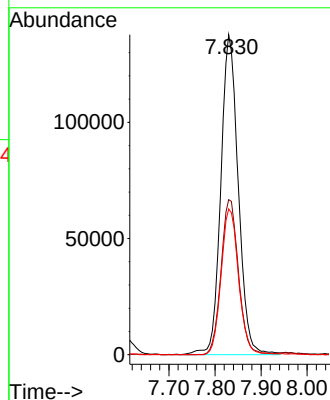
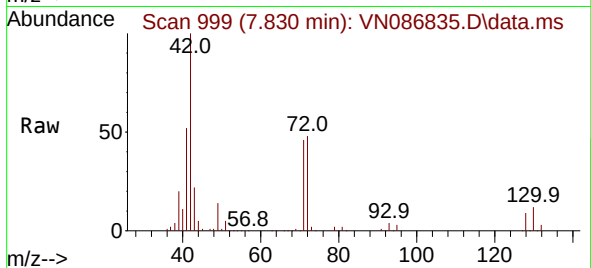
Ion	Ratio	Lower	Upper
42	100		
72	48.4	38.7	58.1
71	45.5	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/04/2025

Supervised By :Mahesh Dadoda 06/04/2025



#30

Chloroform

Concen: 46.129 ug/l

RT: 7.959 min Scan# 1021

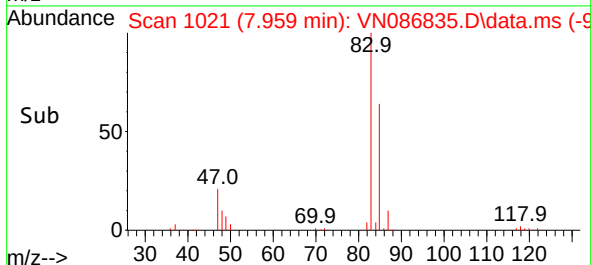
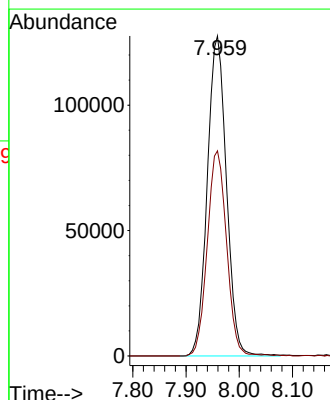
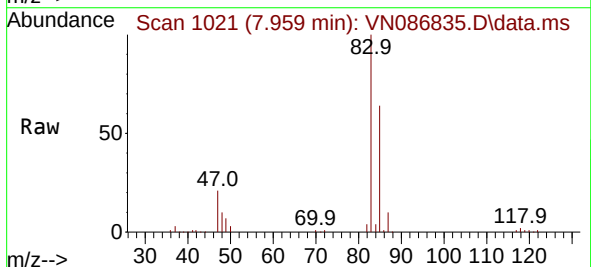
Delta R.T. -0.000 min

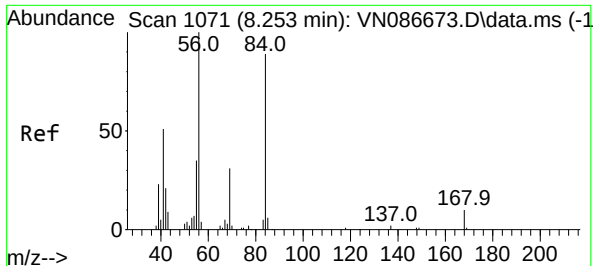
Lab File: VN086835.D

Acq: 03 Jun 2025 11:30

Tgt Ion: 83 Resp: 317944

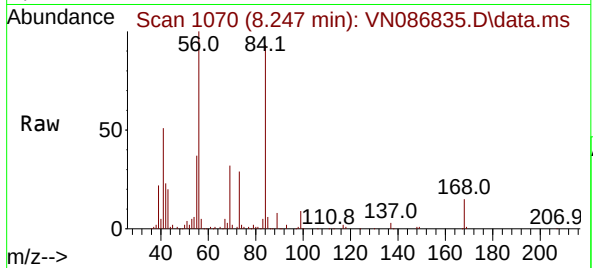
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.2	75.4





#31
Cyclohexane
Concen: 44.491 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

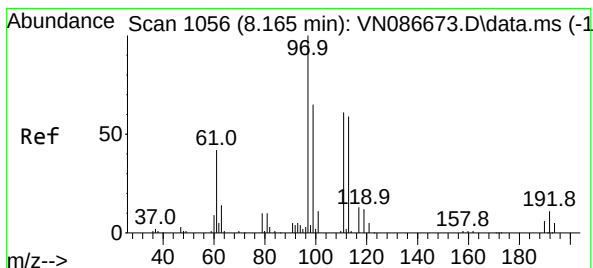
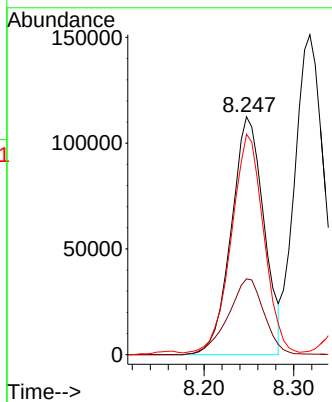
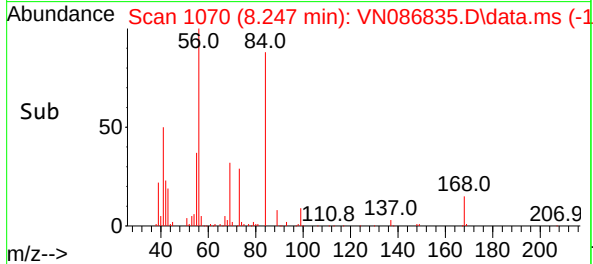
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 28414
Ion Ratio Lower Upper
56 100
69 31.9 25.0 37.6
84 91.7 71.0 106.4

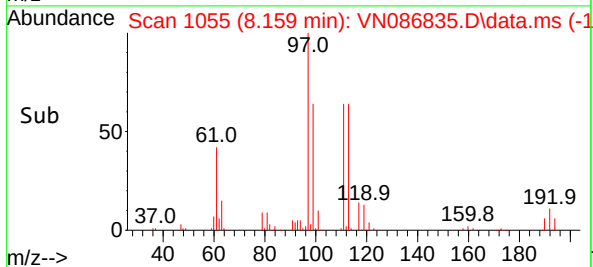
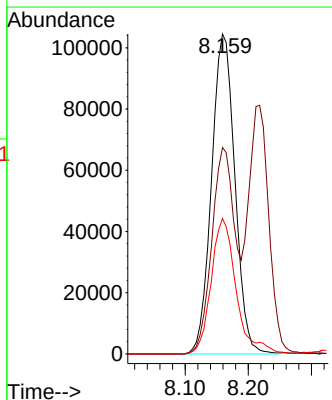
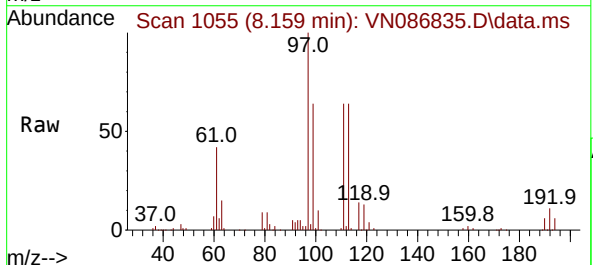
Manual Integrations
APPROVED

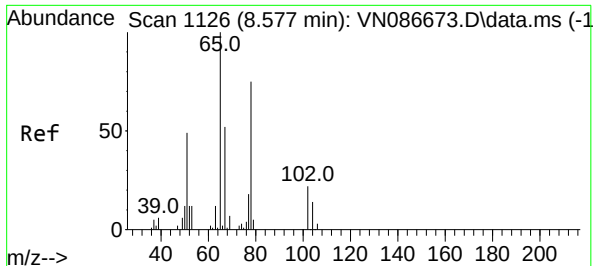
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#32
1,1,1-Trichloroethane
Concen: 46.131 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

Tgt Ion: 97 Resp: 268075
Ion Ratio Lower Upper
97 100
99 64.6 52.6 79.0
61 45.4 37.7 56.5





#33
1,2-Dichloroethane-d4
Concen: 44.341 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

Instrument :

MSVOA_N

ClientSampleId :

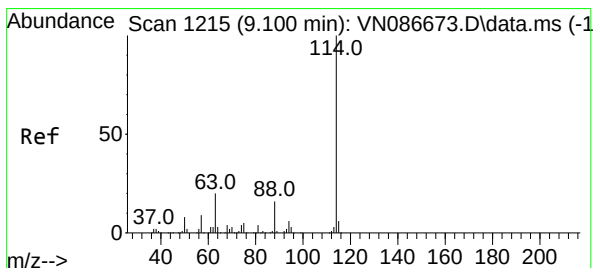
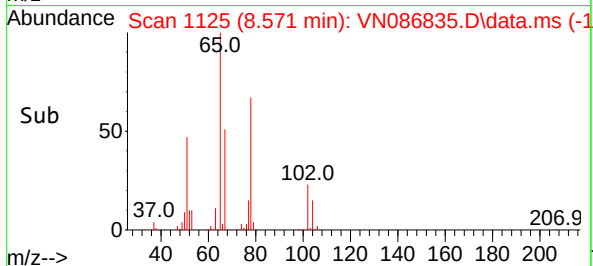
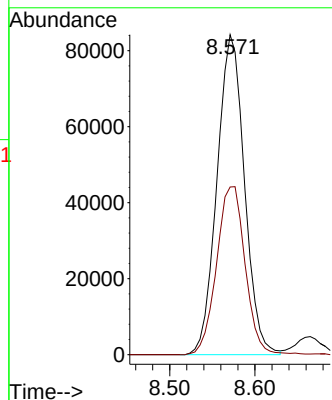
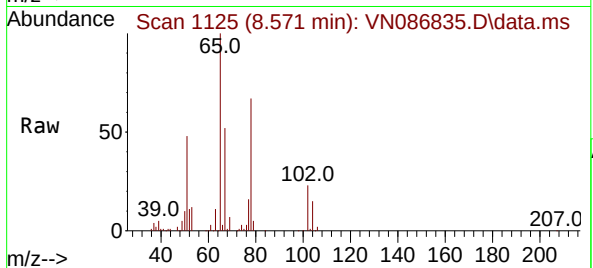
VSTDCCC050

Tgt Ion: 65 Resp: 18868
Ion Ratio Lower Upper
65 100
67 54.8 0.0 106.4

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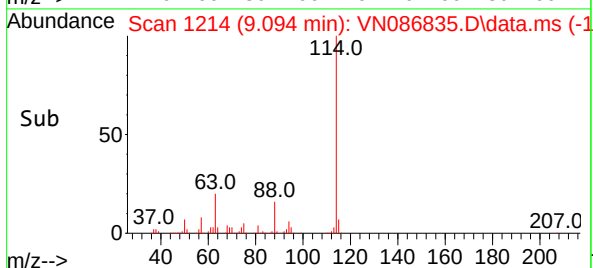
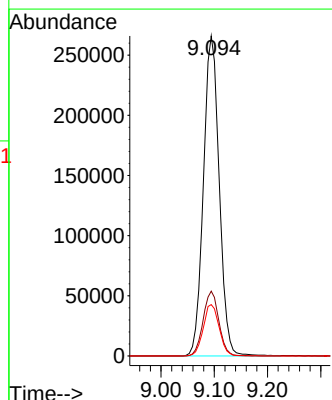
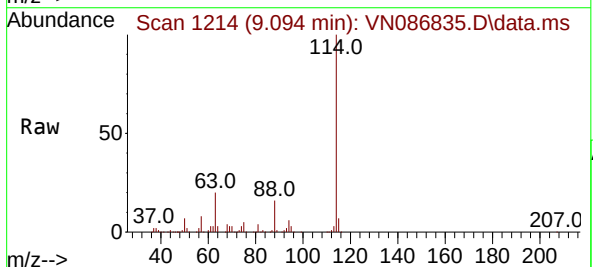
APPROVED

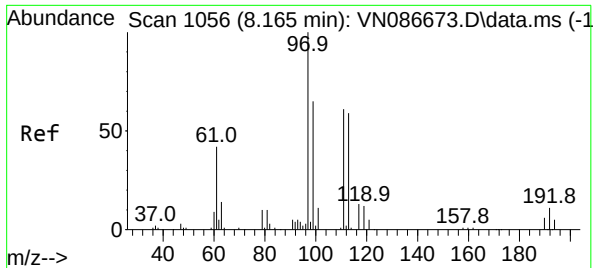
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

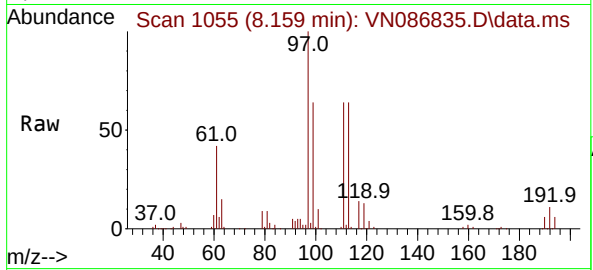
Tgt Ion:114 Resp: 547716
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.2
88 16.1 0.0 31.2





#35
Dibromofluoromethane
Concen: 49.081 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

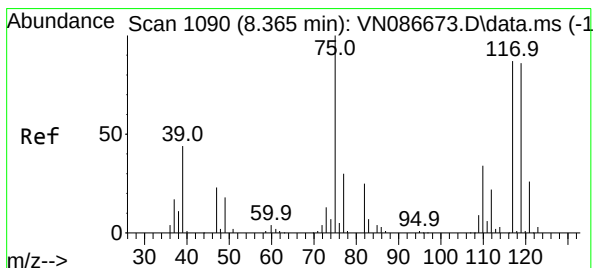
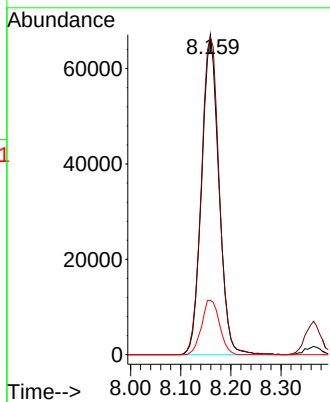
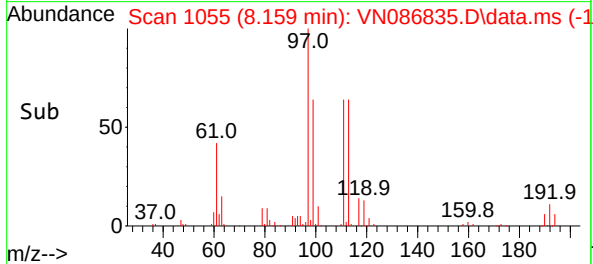
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



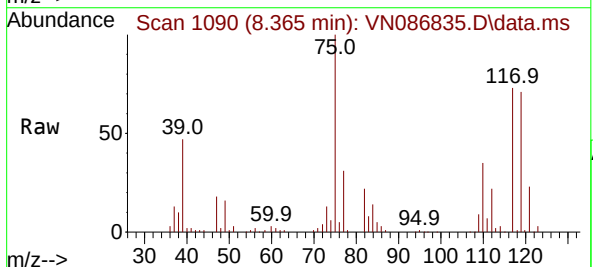
Tgt Ion: 113 Resp: 16009
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 17.7 13.8 20.8

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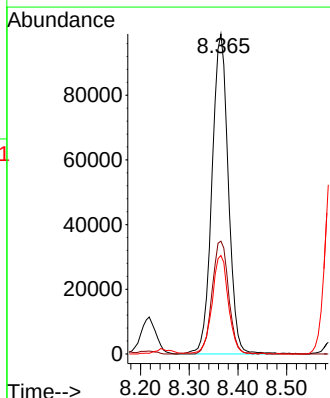
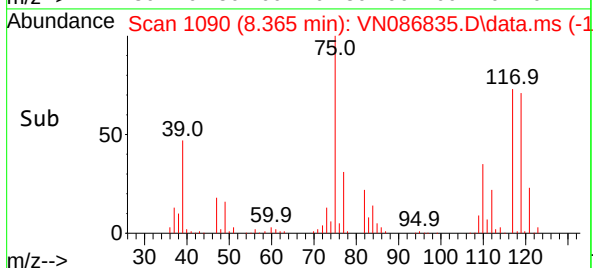
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

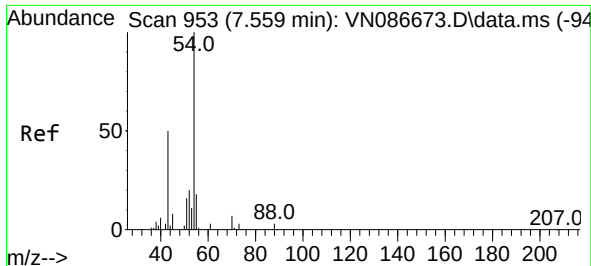


#36
1,1-Dichloropropene
Concen: 47.895 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30



Tgt Ion: 75 Resp: 230441
Ion Ratio Lower Upper
75 100
110 35.6 17.5 52.5
77 30.8 25.1 37.7





#37

Ethyl Acetate

Concen: 45.518 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086835.D

Acq: 03 Jun 2025 11:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 22122

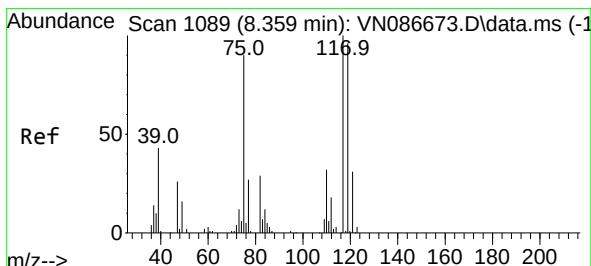
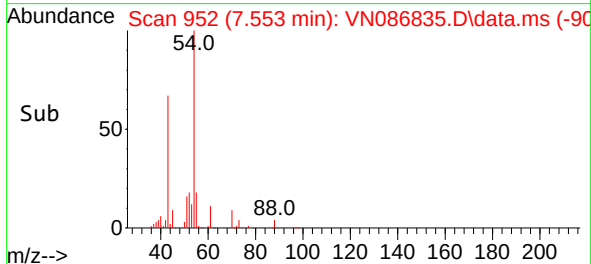
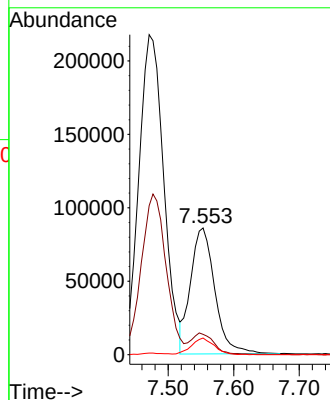
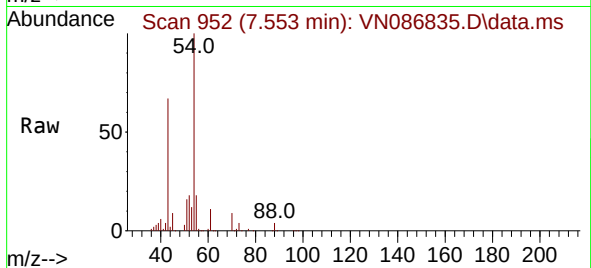
Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.6	17.4
70	12.4	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/04/2025

Supervised By :Mahesh Dadoda 06/04/2025



#38

Carbon Tetrachloride

Concen: 47.288 ug/l

RT: 8.353 min Scan# 1088

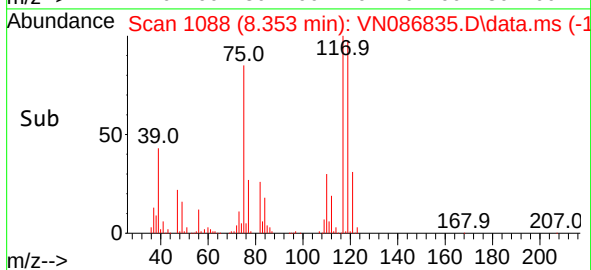
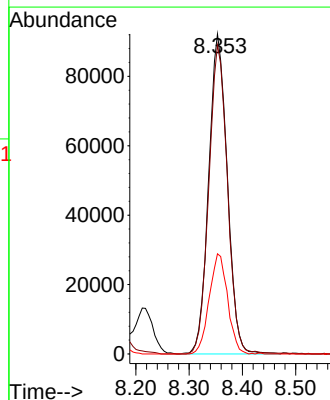
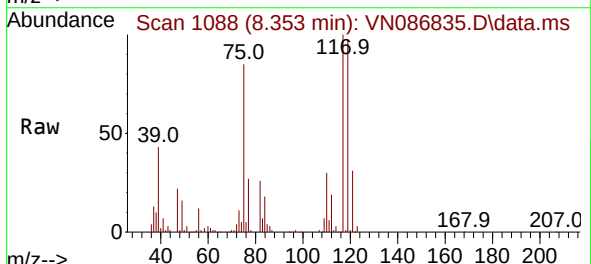
Delta R.T. -0.006 min

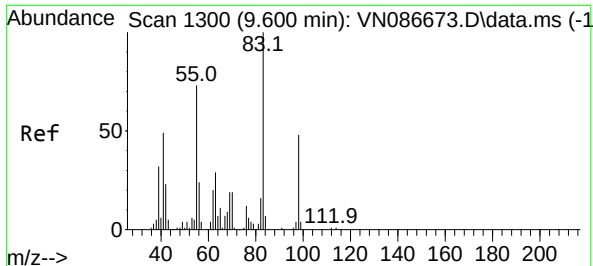
Lab File: VN086835.D

Acq: 03 Jun 2025 11:30

Tgt Ion:117 Resp: 224173

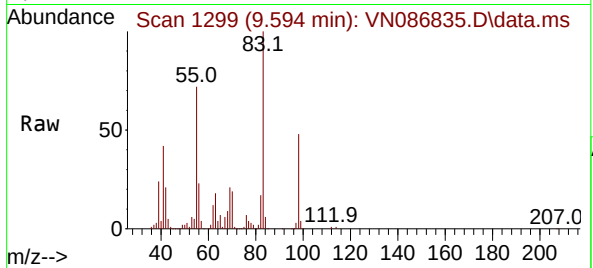
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.0	115.6
121	31.3	25.0	37.6





#39
Methylcyclohexane
Concen: 52.788 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

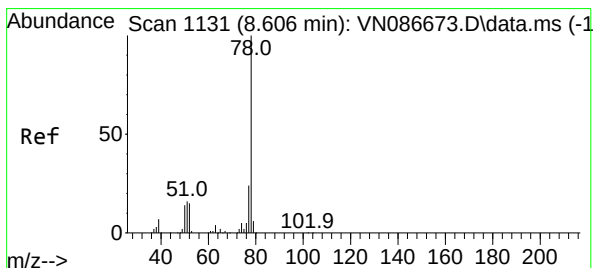
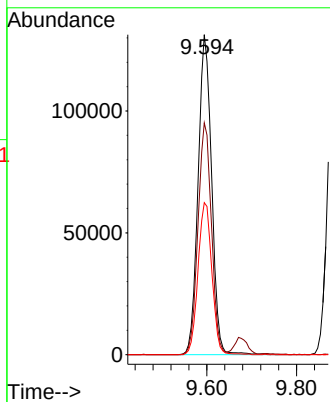
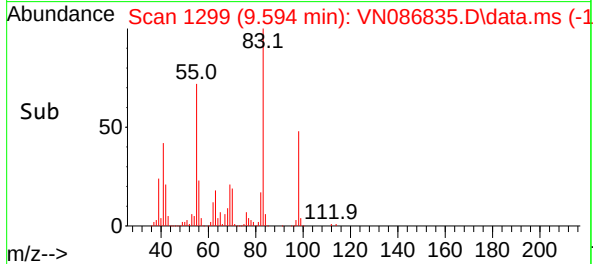
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 27489
Ion Ratio Lower Upper
83 100
55 72.5 58.2 87.4
98 47.5 38.4 57.6

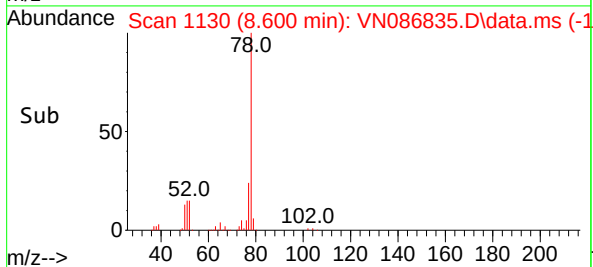
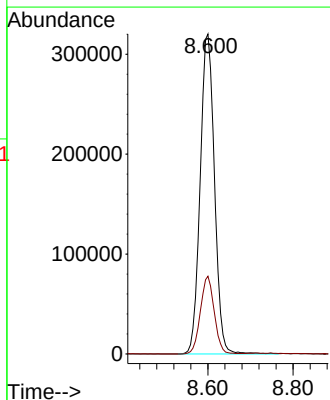
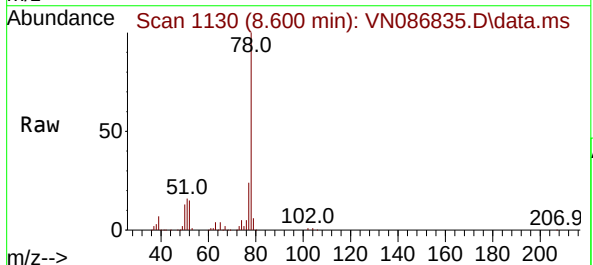
Manual Integrations
APPROVED

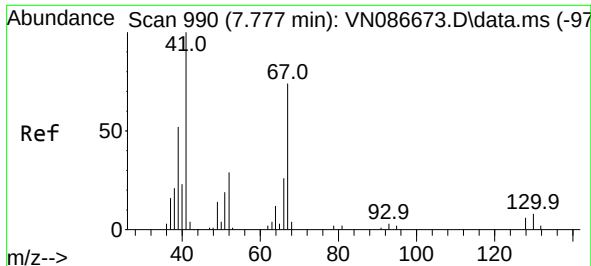
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#40
Benzene
Concen: 47.520 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

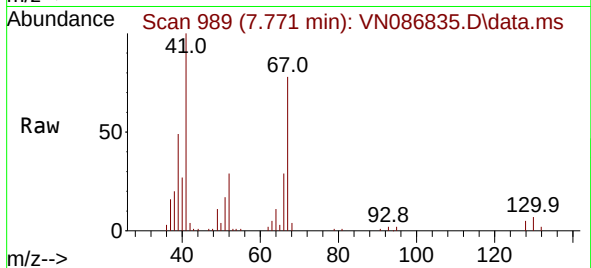
Tgt Ion: 78 Resp: 745853
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7





#41
Methacrylonitrile
Concen: 49.700 ug/l
RT: 7.771 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

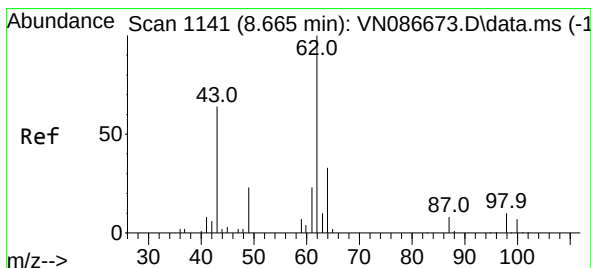
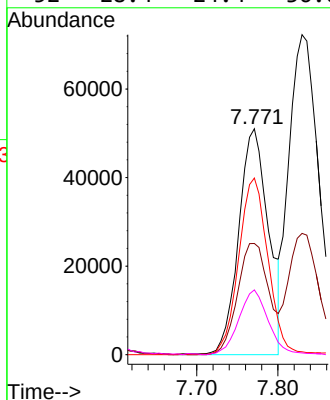
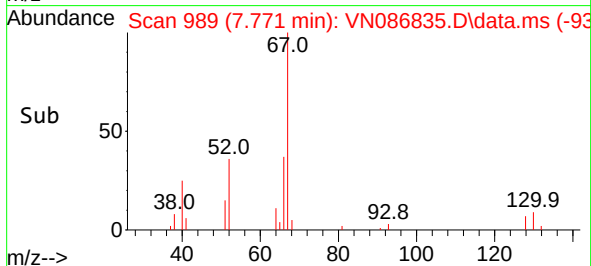
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



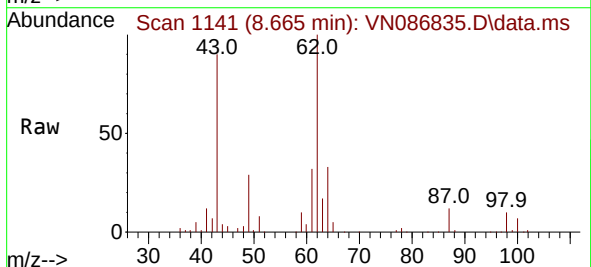
Tgt Ion: 41 Resp: 130423
Ion Ratio Lower Upper
41 100
39 51.6 44.9 67.3
67 77.2 63.4 95.0
52 28.4 24.4 36.6

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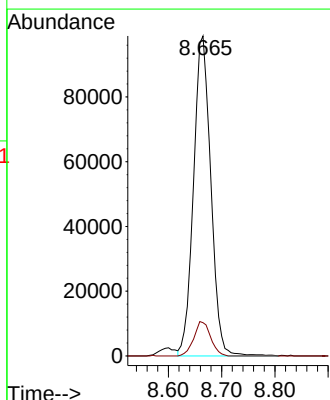
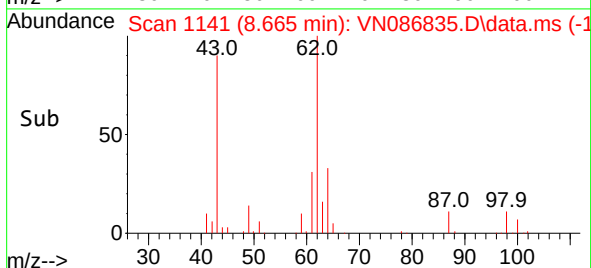
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

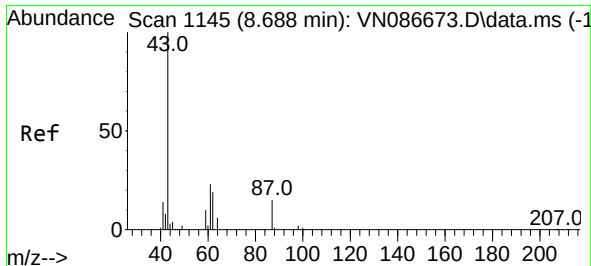


#42
1,2-Dichloroethane
Concen: 45.695 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30



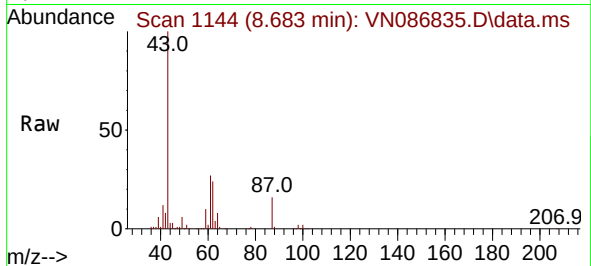
Tgt Ion: 62 Resp: 223446
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.2





#43
Isopropyl Acetate
Concen: 39.981 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

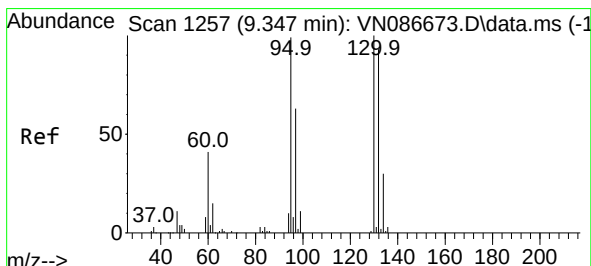
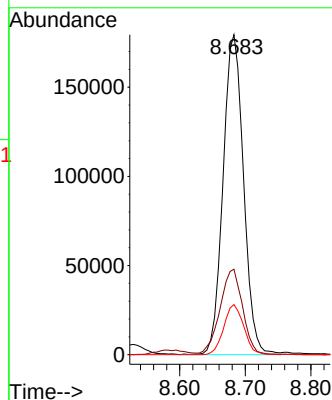
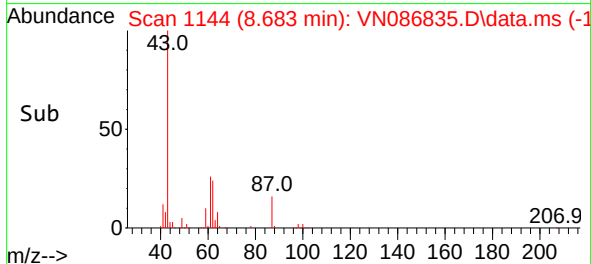
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 389548
Ion Ratio Lower Upper
43 100
61 29.6 21.4 32.2
87 15.3 11.1 16.7

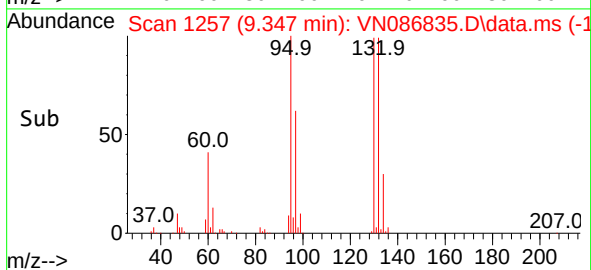
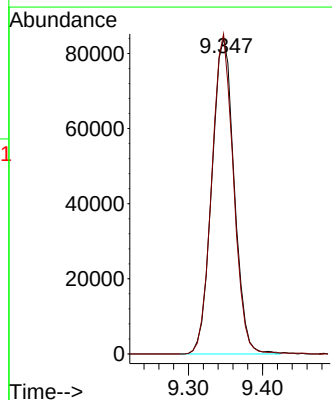
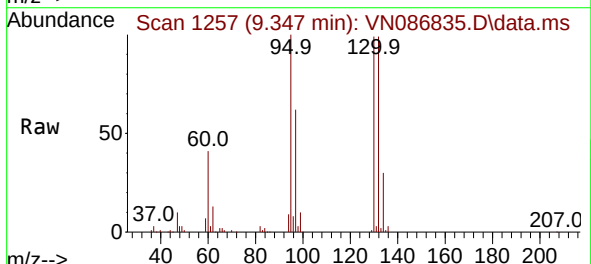
Manual Integrations
APPROVED

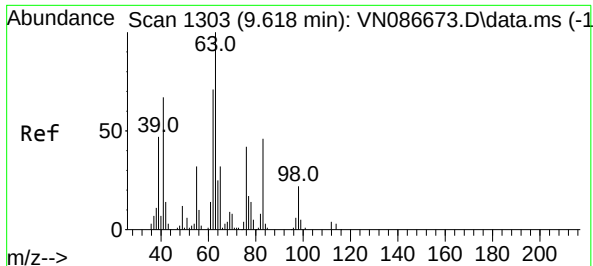
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#44
Trichloroethene
Concen: 46.357 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

Tgt Ion:130 Resp: 175494
Ion Ratio Lower Upper
130 100
95 101.4 0.0 197.0





#45

1,2-Dichloropropane

Concen: 49.039 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086835.D

Acq: 03 Jun 2025 11:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 18284

Ion Ratio Lower Upper

63 100

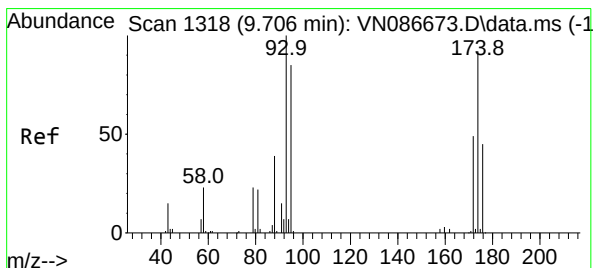
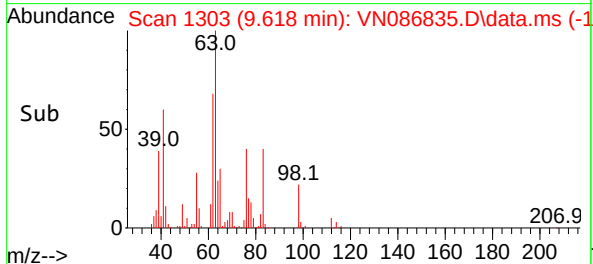
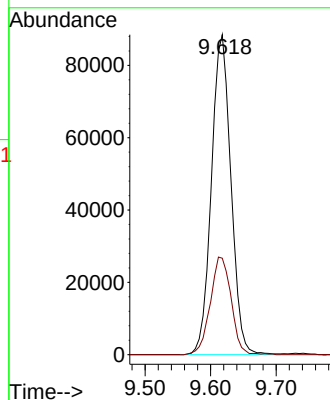
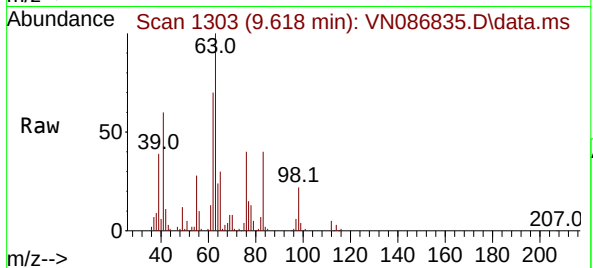
65 30.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/04/2025

Supervised By :Mahesh Dadoda 06/04/2025



#46

Dibromomethane

Concen: 46.702 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086835.D

Acq: 03 Jun 2025 11:30

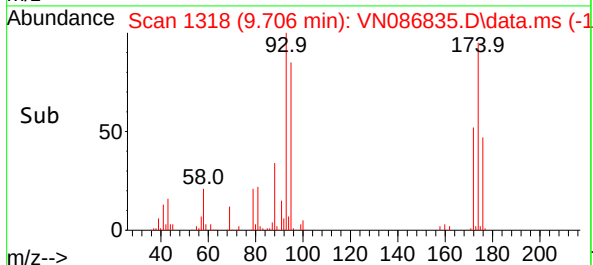
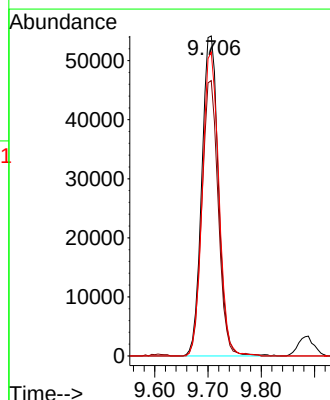
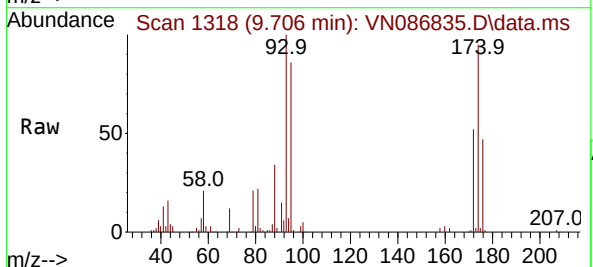
Tgt Ion: 93 Resp: 117499

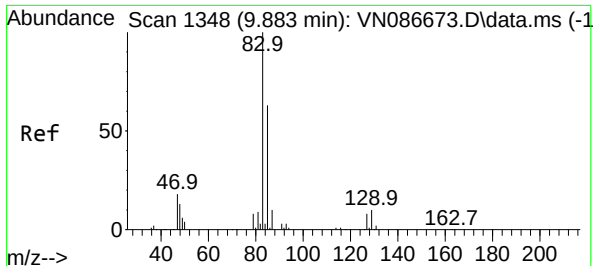
Ion Ratio Lower Upper

93 100

95 84.5 67.1 100.7

174 94.1 73.8 110.6





#47

Bromodichloromethane

Concen: 48.943 ug/l

RT: 9.882 min Scan# 1348

Delta R.T. -0.000 min

Lab File: VN086835.D

Acq: 03 Jun 2025 11:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 253710

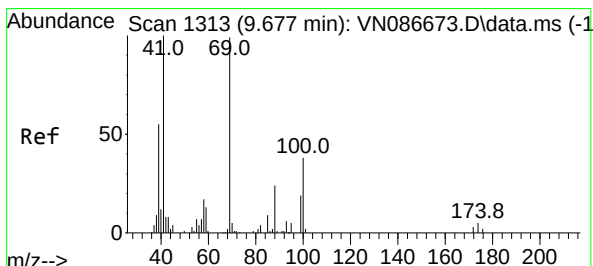
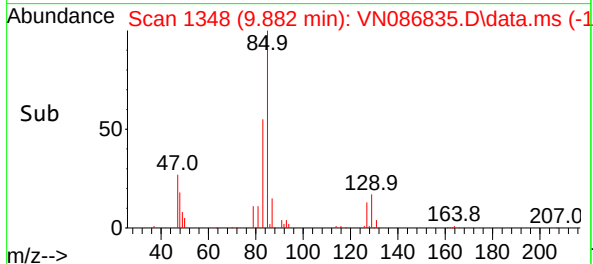
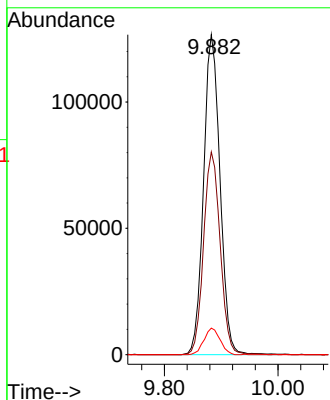
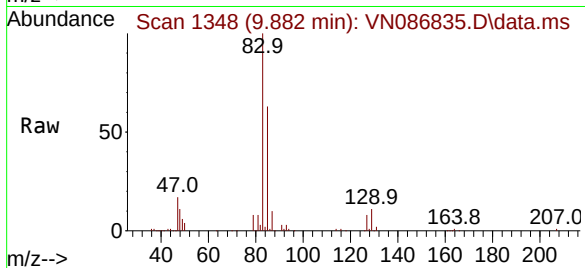
Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.1	75.1
127	8.3	6.2	9.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/04/2025

Supervised By :Mahesh Dadoda 06/04/2025



#48

Methyl methacrylate

Concen: 47.800 ug/l

RT: 9.677 min Scan# 1313

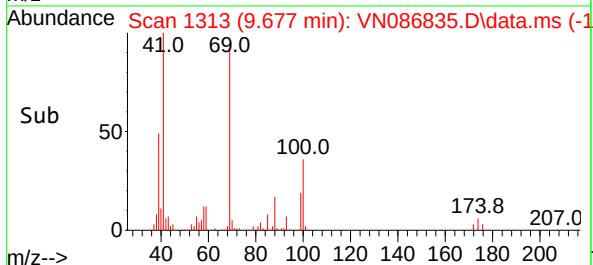
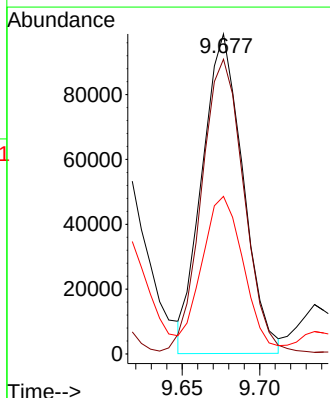
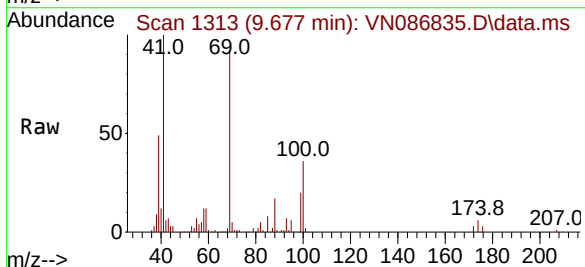
Delta R.T. -0.000 min

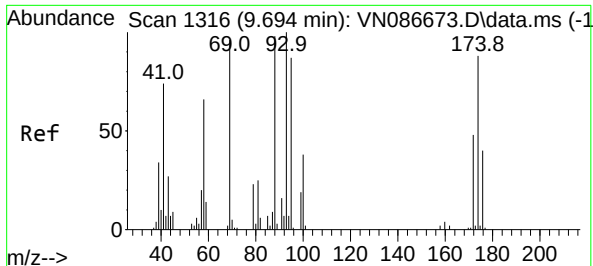
Lab File: VN086835.D

Acq: 03 Jun 2025 11:30

Tgt Ion: 41 Resp: 180469

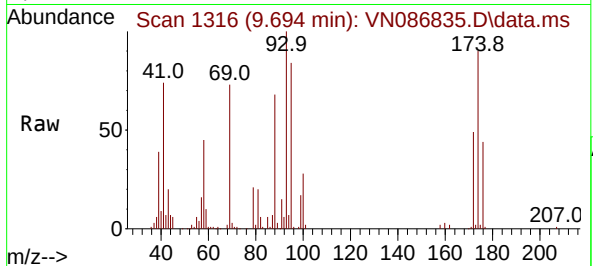
Ion	Ratio	Lower	Upper
41	100		
69	97.1	74.1	111.1
39	51.0	44.1	66.1





#49
1,4-Dioxane
Concen: 836.780 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

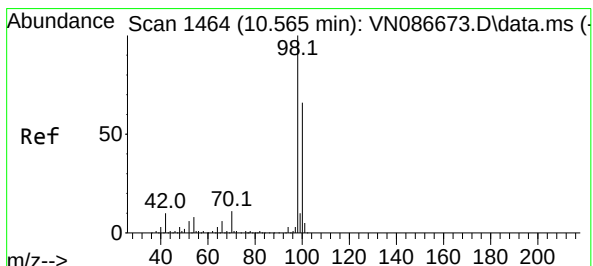
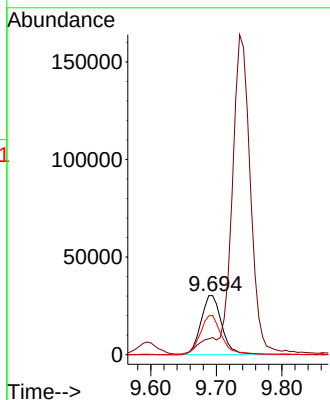
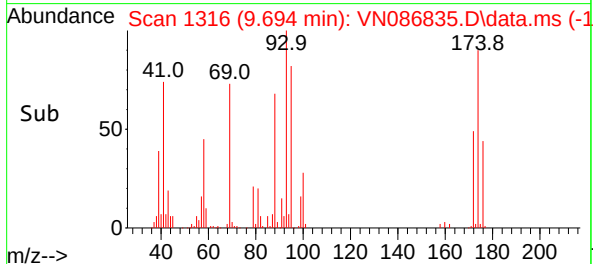
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 66897
Ion Ratio Lower Upper
88 100
43 0.0 23.6 35.4
58 68.7 55.3 82.9

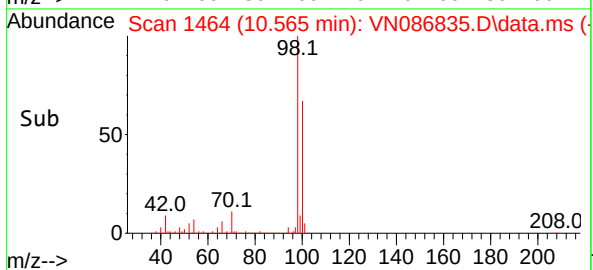
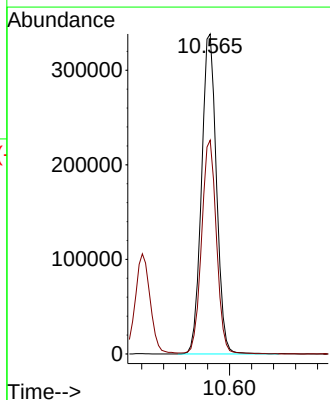
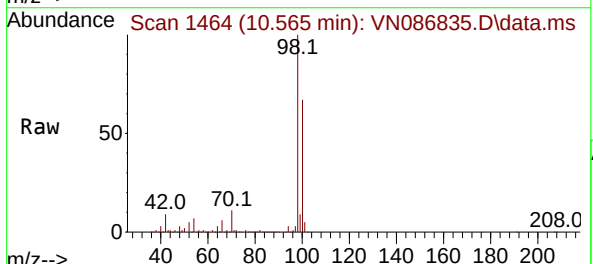
Manual Integrations
APPROVED

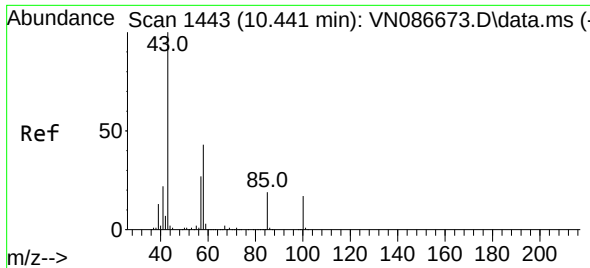
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#50
Toluene-d8
Concen: 47.141 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

Tgt Ion: 98 Resp: 637225
Ion Ratio Lower Upper
98 100
100 66.6 52.9 79.3





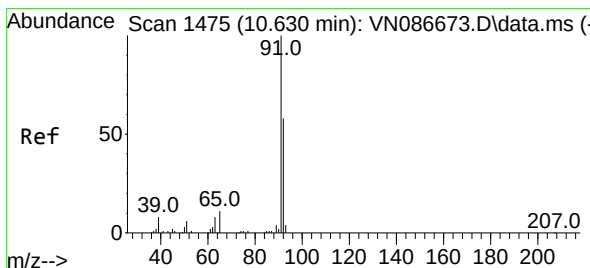
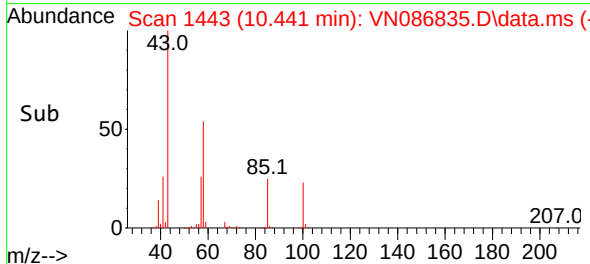
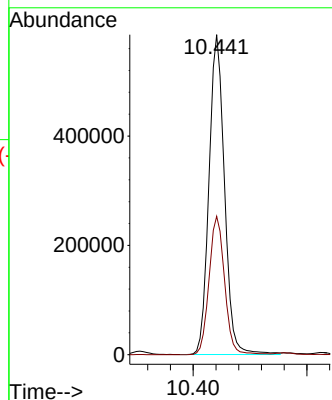
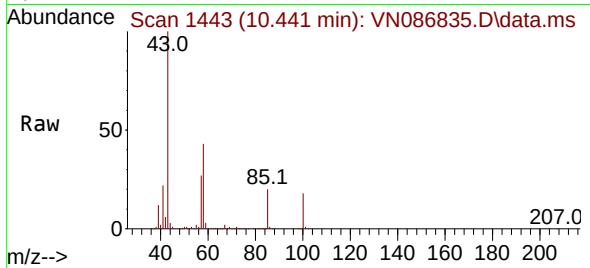
#51
4-Methyl-2-Pentanone
Concen: 224.893 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1105000
Ion Ratio Lower Upper
43 100
58 43.4 33.9 50.9

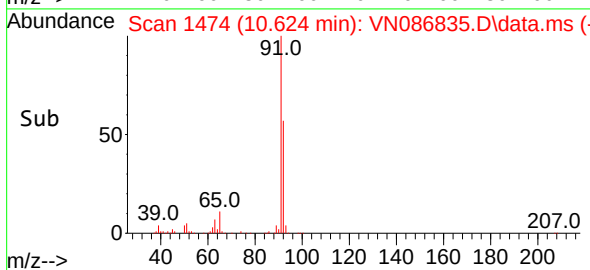
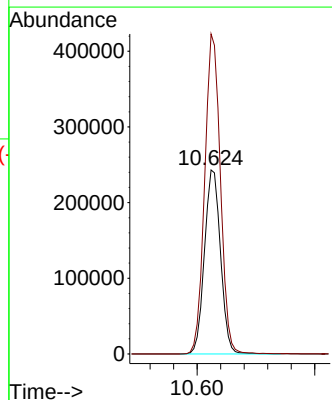
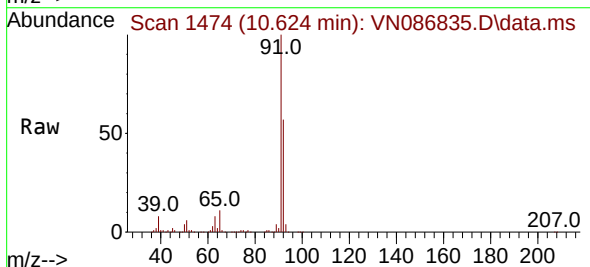
Manual Integrations
APPROVED

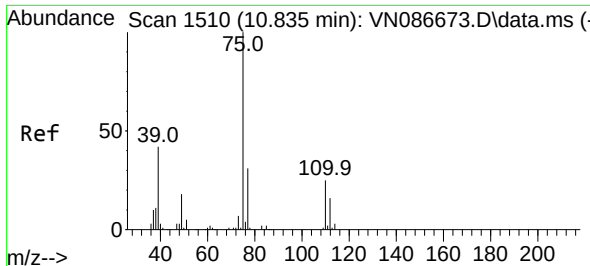
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#52
Toluene
Concen: 47.122 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

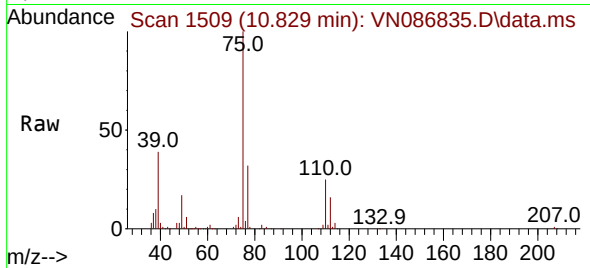
Tgt Ion: 92 Resp: 459688
Ion Ratio Lower Upper
92 100
91 170.7 137.8 206.8





#53
t-1,3-Dichloropropene
Concen: 51.414 ug/l
RT: 10.829 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

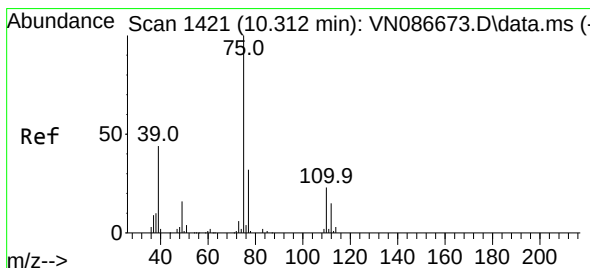
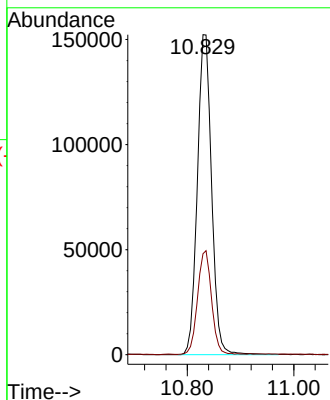
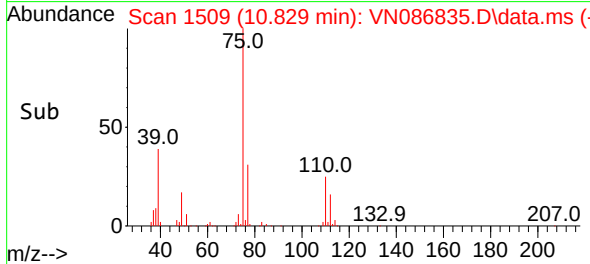
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 282190
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8

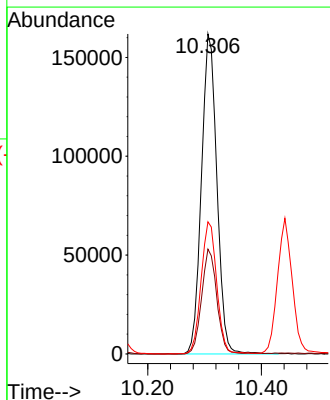
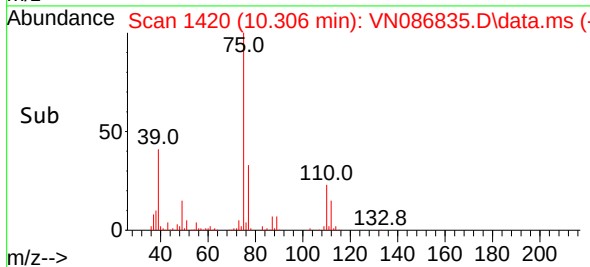
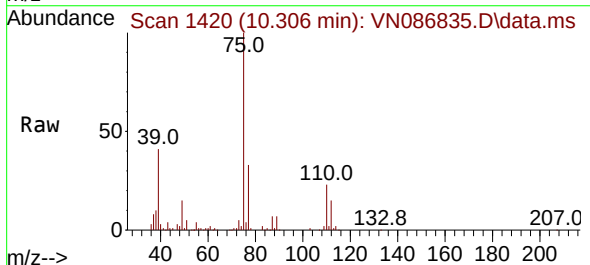
Manual Integrations
APPROVED

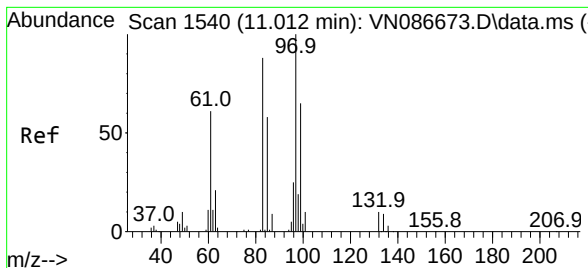
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#54
cis-1,3-Dichloropropene
Concen: 50.926 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

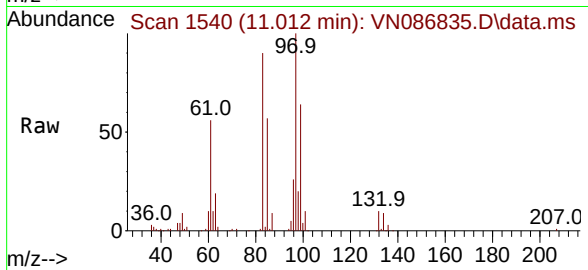
Tgt Ion: 75 Resp: 305118
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9
39 41.2 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 46.394 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

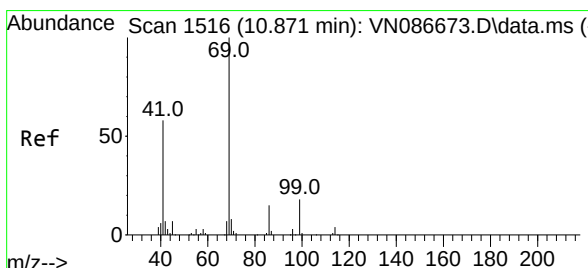
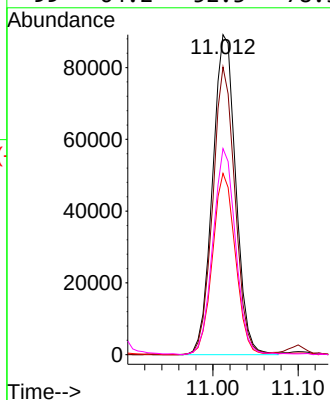
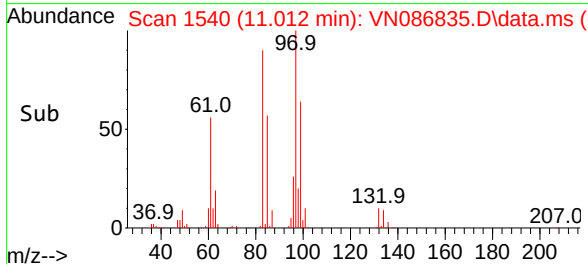
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 16882
Ion Ratio Lower Upper
97 100
83 89.9 70.4 105.6
85 56.7 46.1 69.1
99 64.2 52.3 78.5

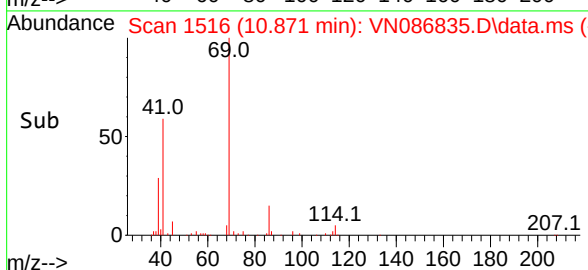
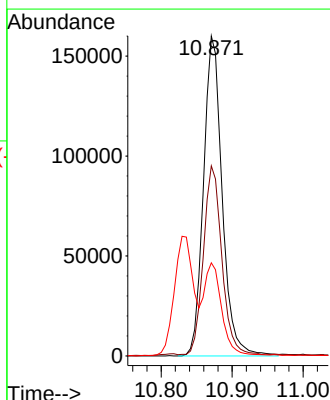
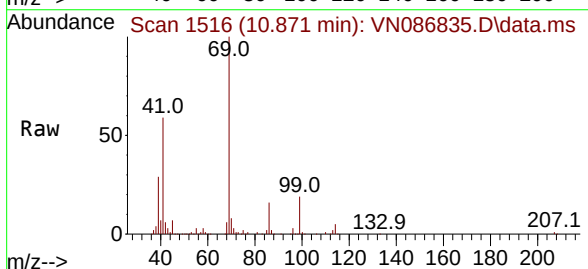
Manual Integrations
APPROVED

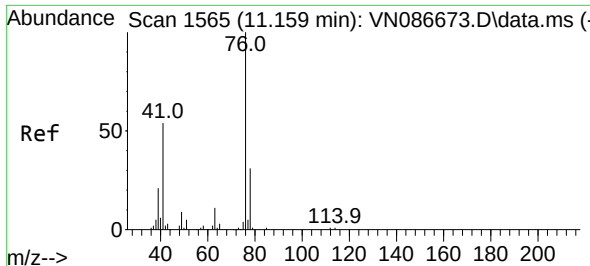
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#56
Ethyl methacrylate
Concen: 50.223 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

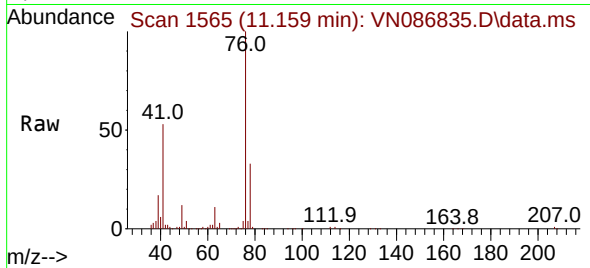
Tgt Ion: 69 Resp: 293439
Ion Ratio Lower Upper
69 100
41 58.7 47.4 71.0
39 27.6 24.0 36.0





#57
1,3-Dichloropropane
Concen: 47.374 ug/l
RT: 11.159 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

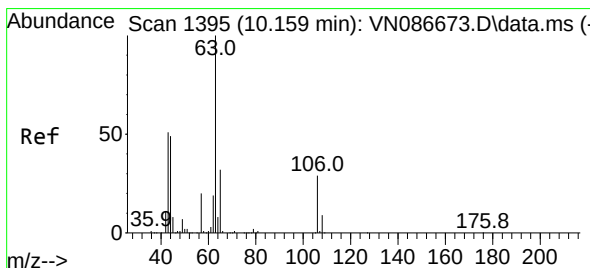
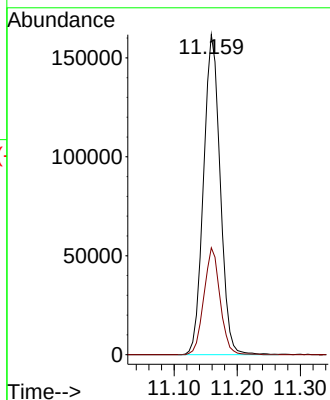
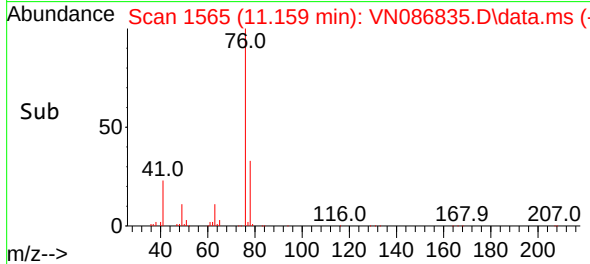
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 29699
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.8

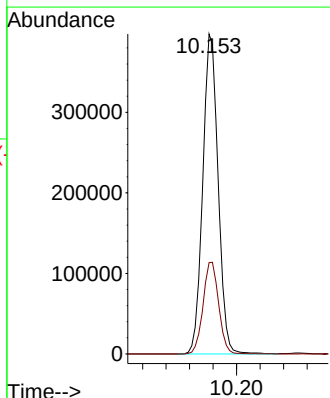
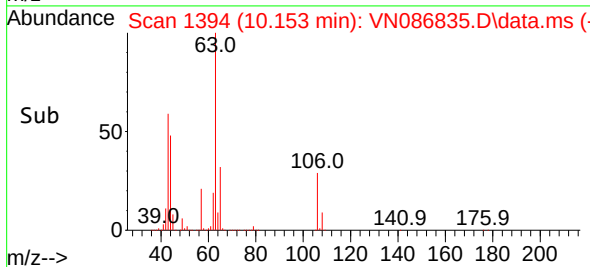
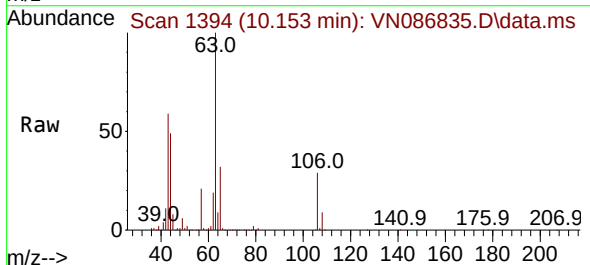
Manual Integrations
APPROVED

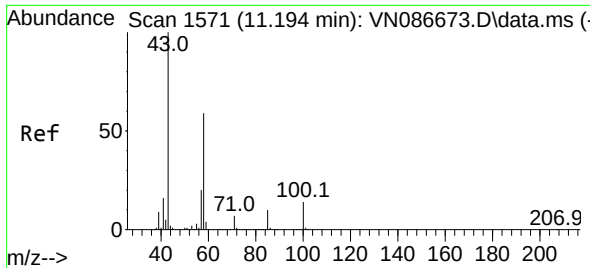
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#58
2-Chloroethyl Vinyl ether
Concen: 275.970 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

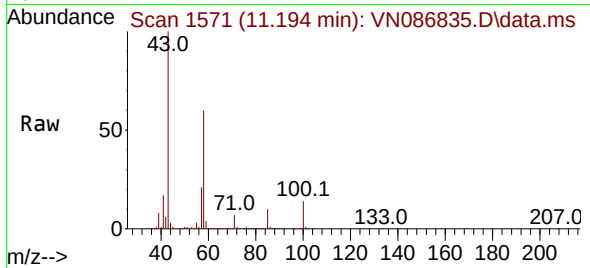
Tgt Ion: 63 Resp: 720635
Ion Ratio Lower Upper
63 100
106 29.2 23.1 34.7





#59
2-Hexanone
Concen: 210.353 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

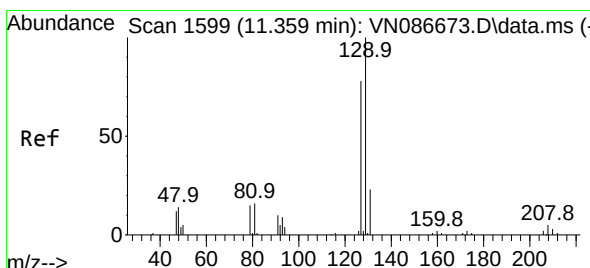
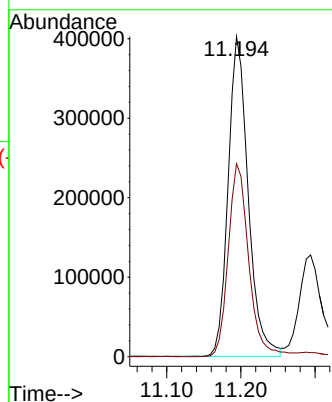
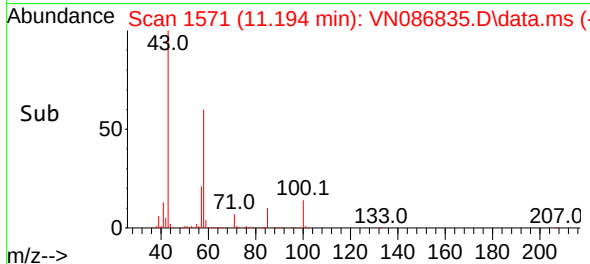
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 75476
Ion Ratio Lower Upper
43 100
58 62.1 29.8 89.5

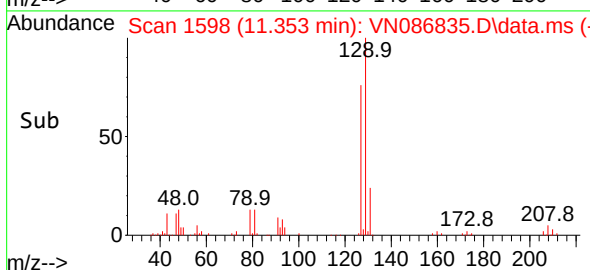
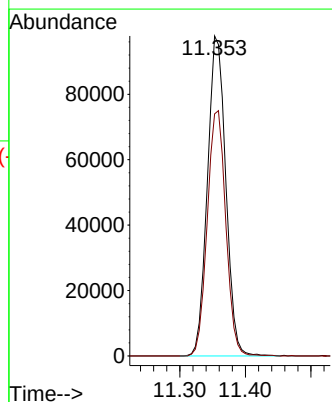
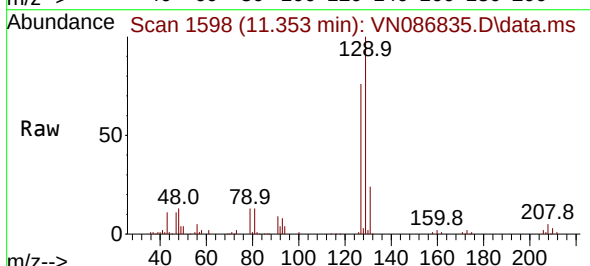
Manual Integrations
APPROVED

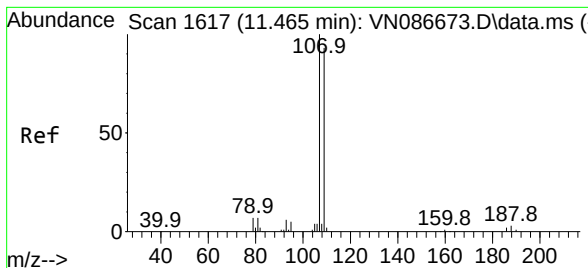
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#60
Dibromochloromethane
Concen: 49.972 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

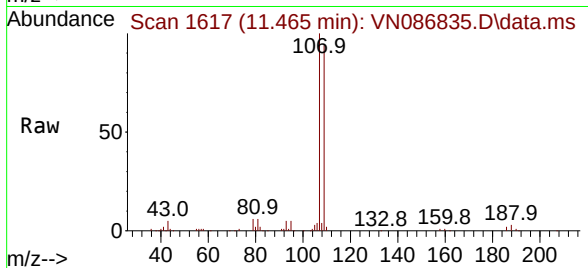
Tgt Ion:129 Resp: 190576
Ion Ratio Lower Upper
129 100
127 77.4 39.5 118.3





#61
1,2-Dibromoethane
Concen: 46.591 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

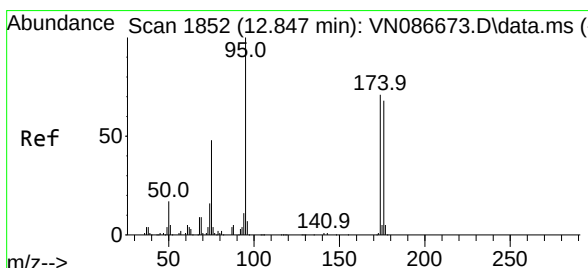
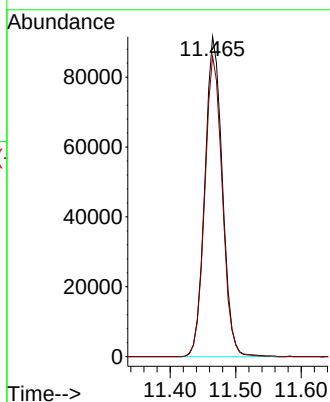
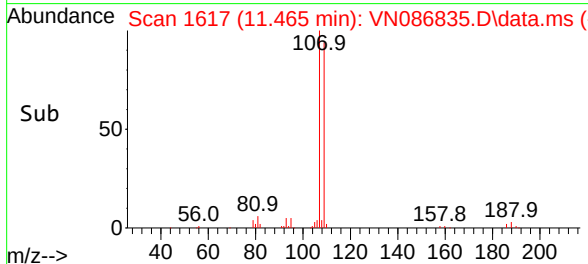
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 170375
Ion Ratio Lower Upper
107 100
109 93.9 75.0 112.4

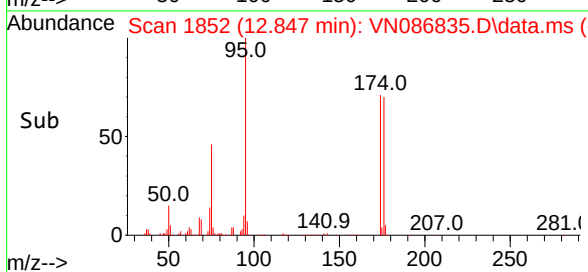
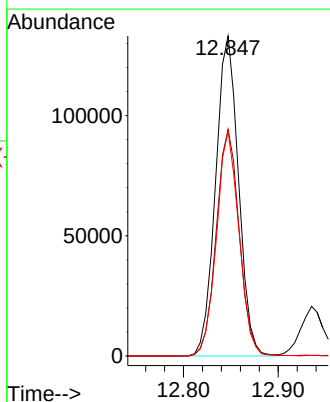
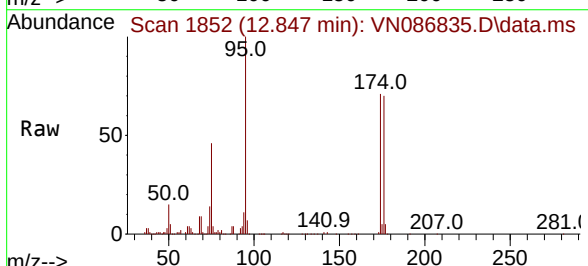
Manual Integrations
APPROVED

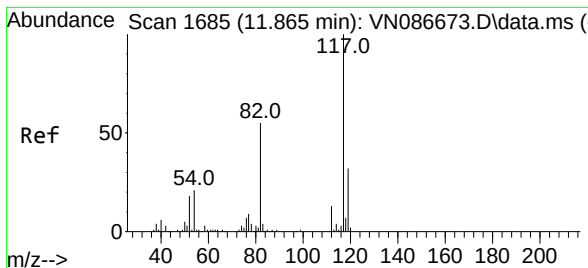
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#62
4-Bromofluorobenzene
Concen: 46.928 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

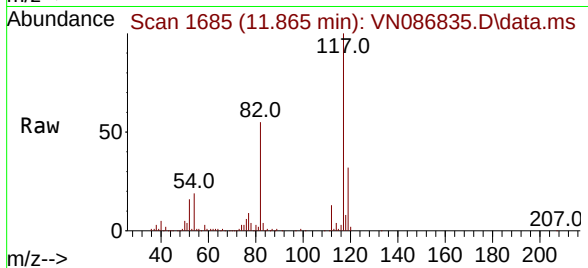
Tgt Ion: 95 Resp: 223984
Ion Ratio Lower Upper
95 100
174 70.8 0.0 145.4
176 69.0 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

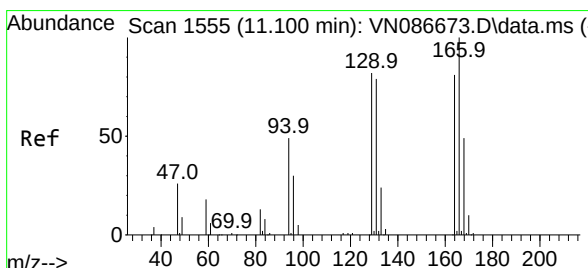
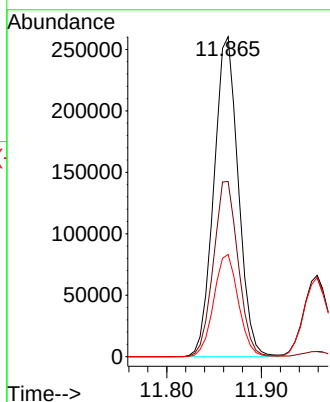
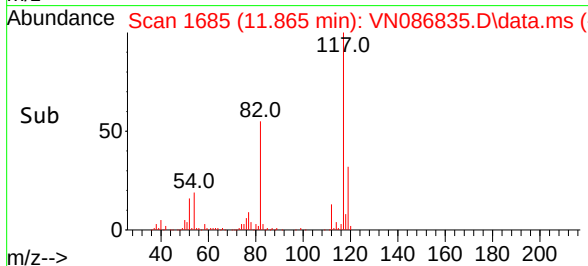
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 46570
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 32.0 25.4 38.2

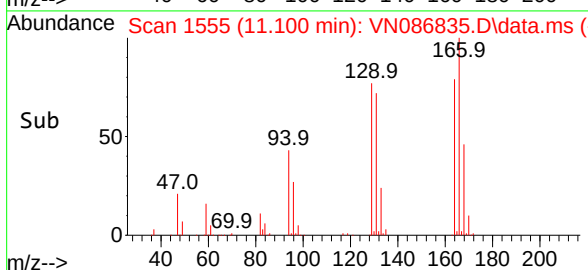
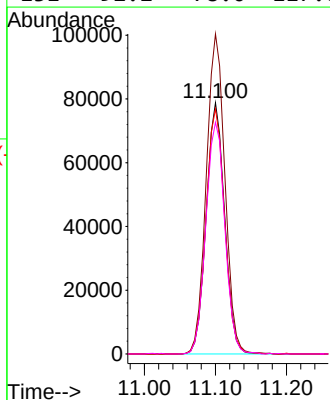
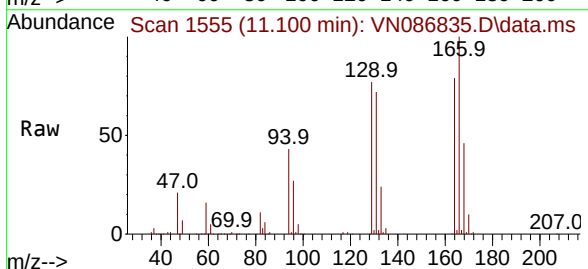
Manual Integrations
APPROVED

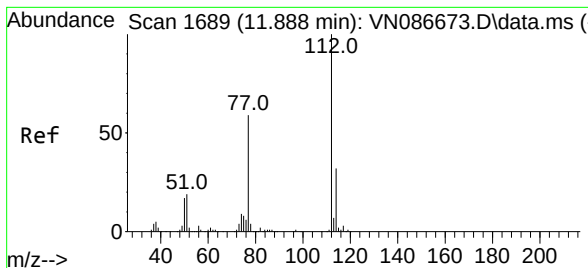
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#64
Tetrachloroethene
Concen: 39.844 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

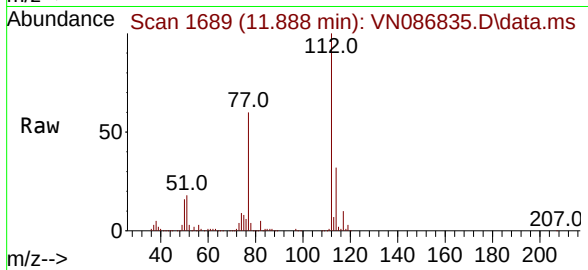
Tgt Ion:164 Resp: 142144
Ion Ratio Lower Upper
164 100
166 127.3 98.2 147.4
129 97.5 81.0 121.4
131 92.2 78.0 117.0





#65
Chlorobenzene
Concen: 48.260 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

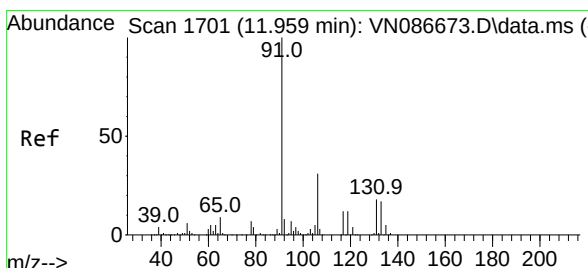
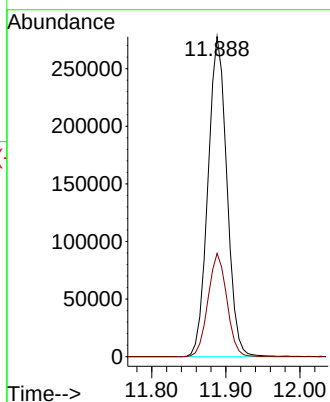
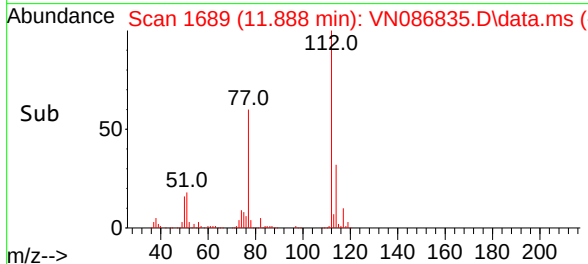
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



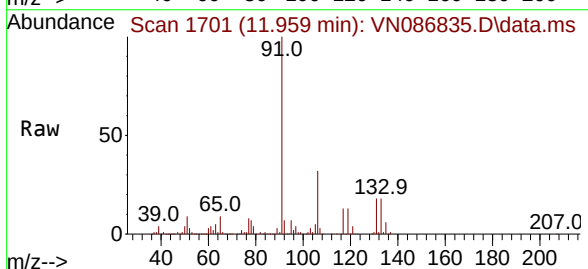
Tgt Ion:112 Resp: 492820
Ion Ratio Lower Upper
112 100
114 32.2 25.9 38.9

Manual Integrations
APPROVED

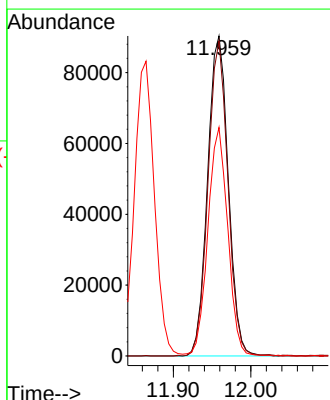
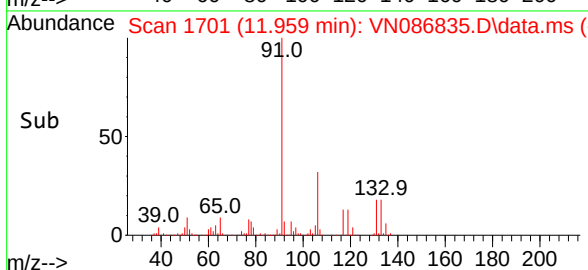
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

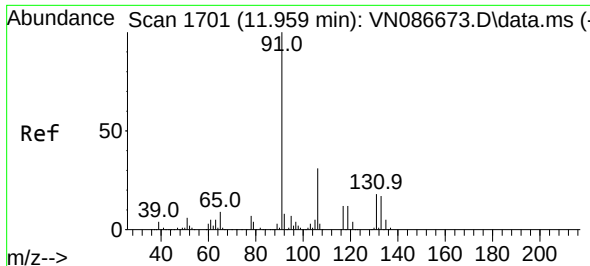


#66
1,1,1,2-Tetrachloroethane
Concen: 50.738 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30



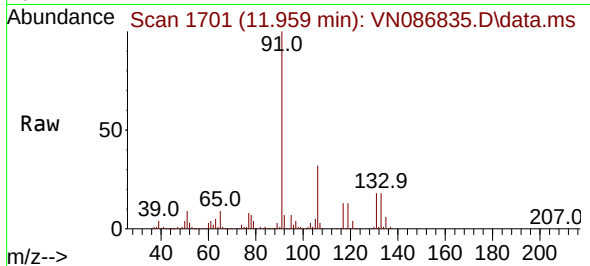
Tgt Ion:131 Resp: 167267
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.7
119 68.7 33.6 100.8





#67
Ethyl Benzene
Concen: 49.185 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

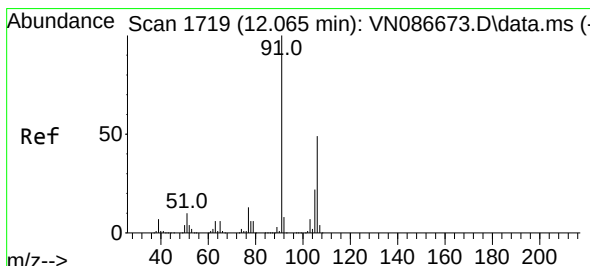
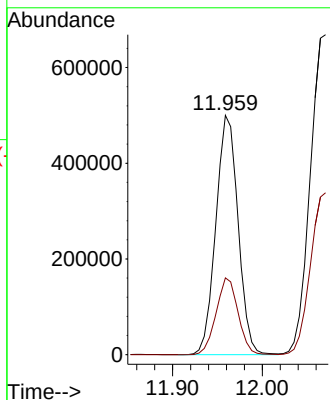
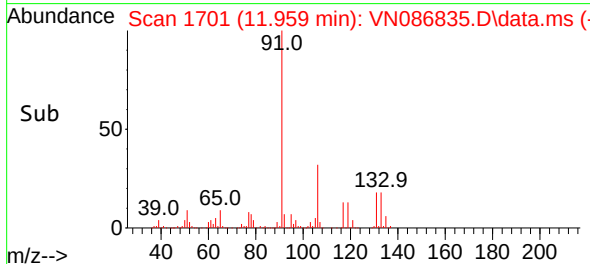
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 860307
Ion Ratio Lower Upper
91 100
106 32.1 24.6 36.8

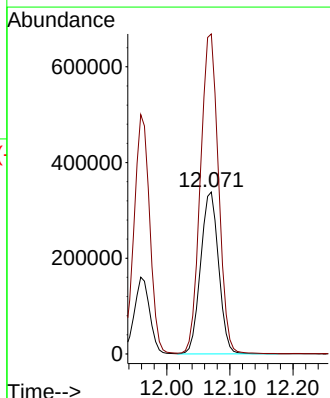
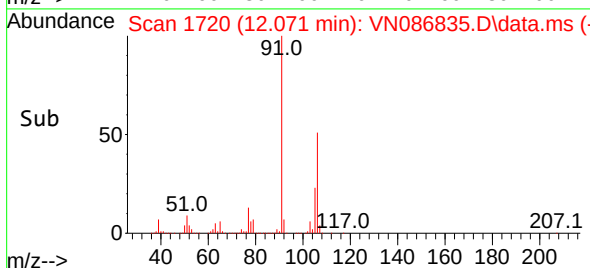
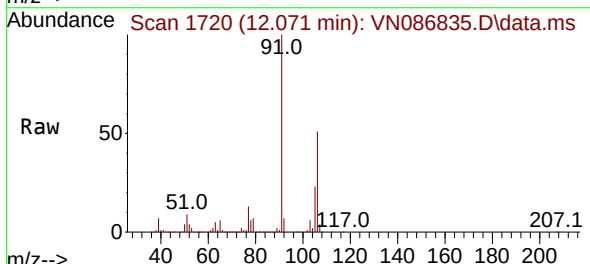
Manual Integrations
APPROVED

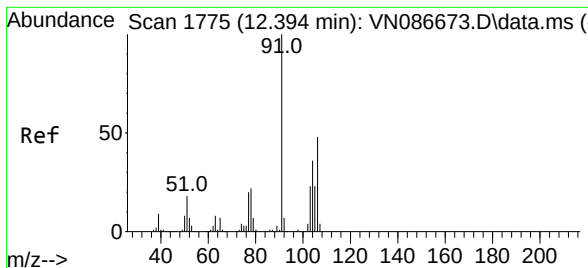
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#68
m/p-Xylenes
Concen: 100.667 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

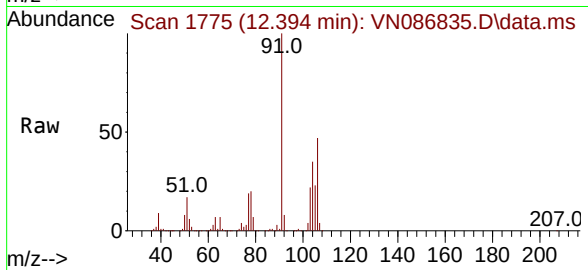
Tgt Ion:106 Resp: 666930
Ion Ratio Lower Upper
106 100
91 199.0 162.4 243.6





#69
o-Xylene
Concen: 49.349 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

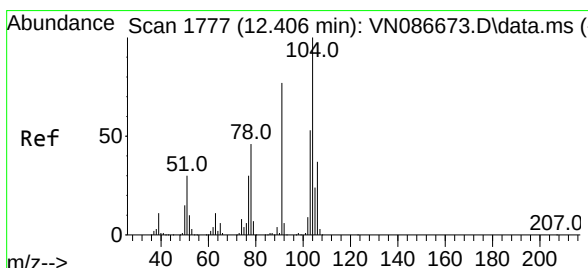
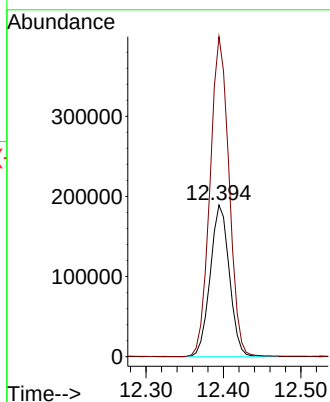
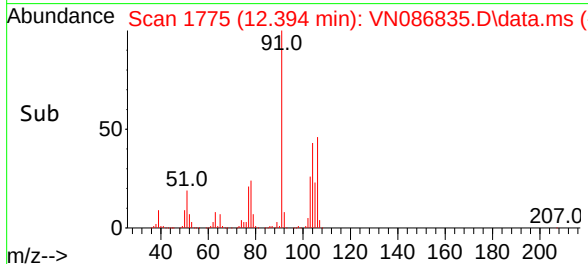
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



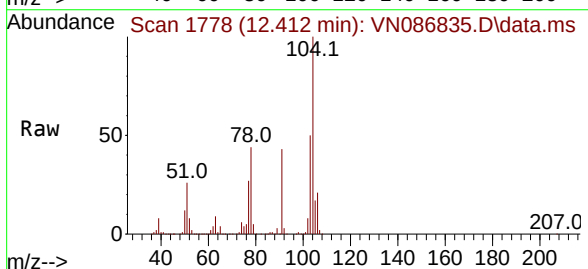
Tgt Ion:106 Resp: 32503
Ion Ratio Lower Upper
106 100
91 210.0 105.1 315.1

Manual Integrations
APPROVED

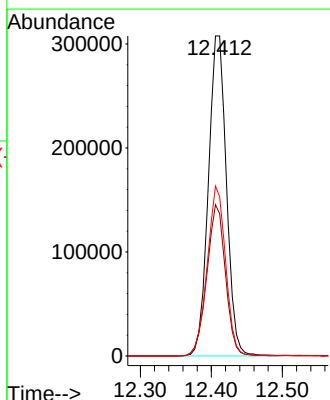
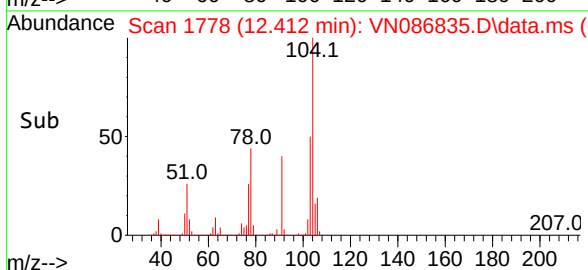
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

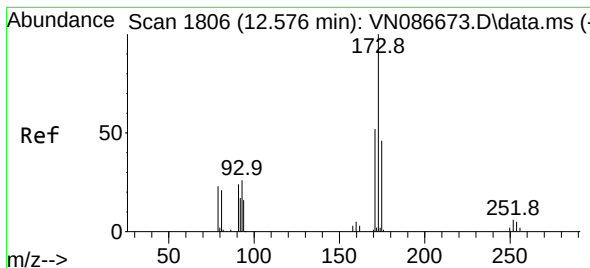


#70
Styrene
Concen: 50.421 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30



Tgt Ion:104 Resp: 543718
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 54.4 43.8 65.8





#71

Bromoform

Concen: 51.523 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN086835.D

Acq: 03 Jun 2025 11:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 120798

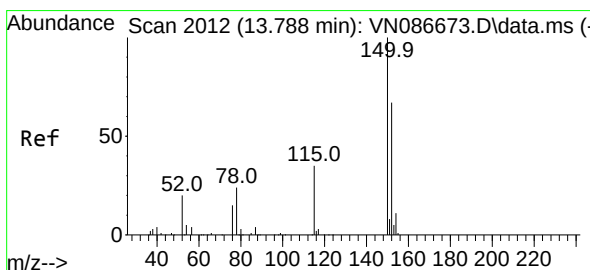
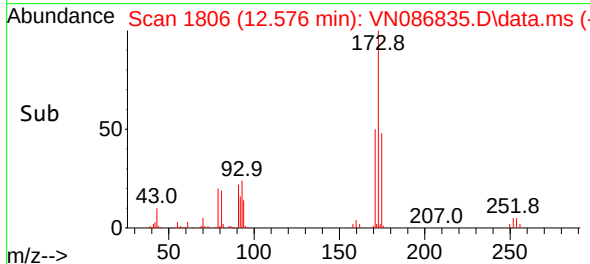
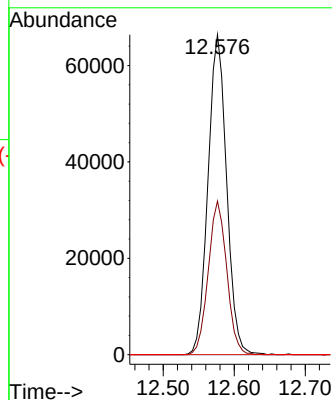
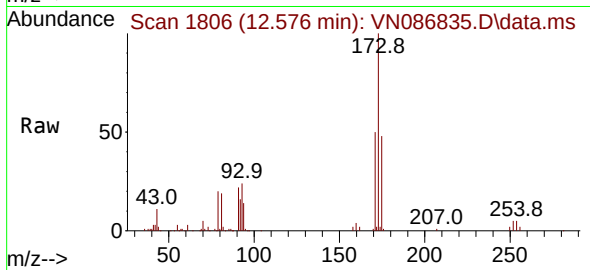
Ion	Ratio	Lower	Upper
173	100		
175	47.8	23.4	70.2
254	0.0	0.0	0.0

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

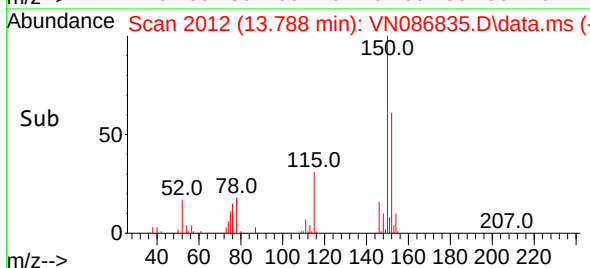
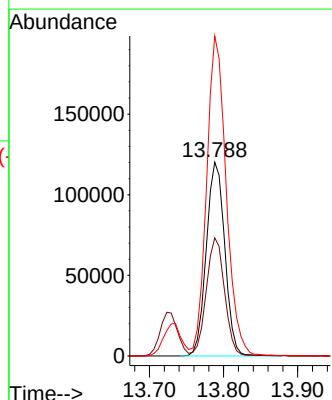
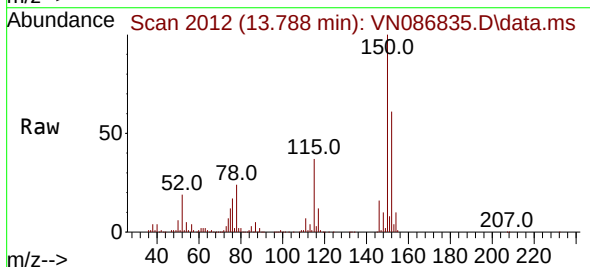
Delta R.T. -0.000 min

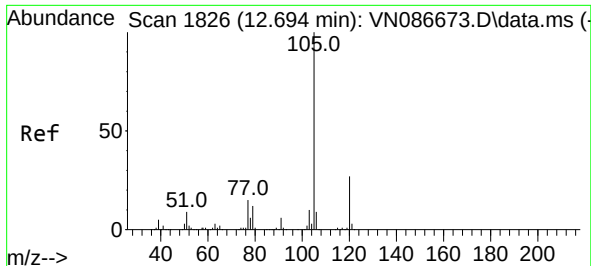
Lab File: VN086835.D

Acq: 03 Jun 2025 11:30

Tgt Ion:152 Resp: 208517

Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.0	90.1
150	174.9	0.0	347.8





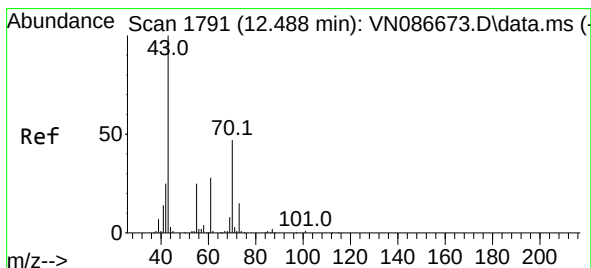
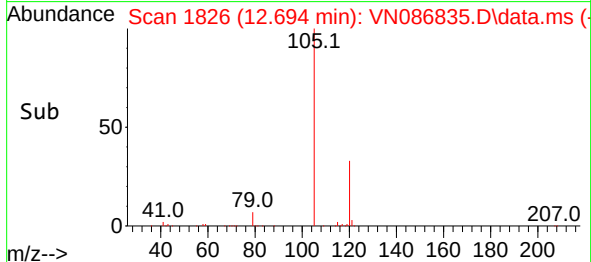
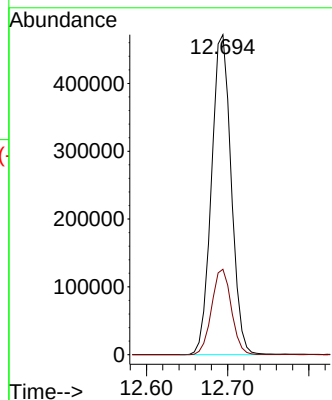
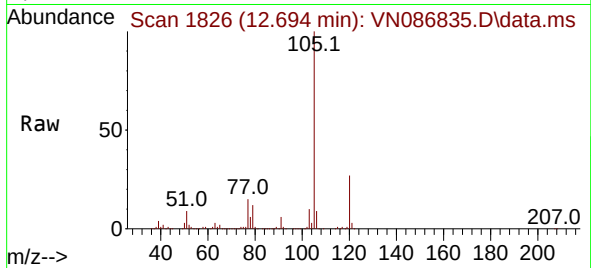
#73
Isopropylbenzene
Concen: 49.371 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 795110
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1

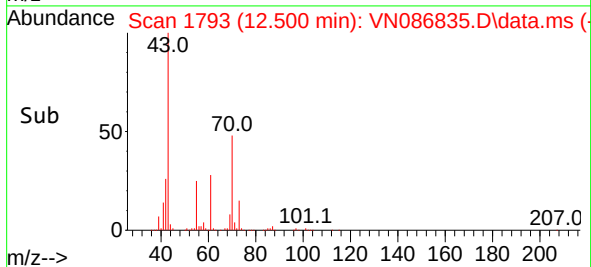
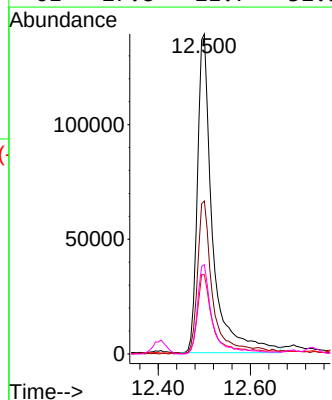
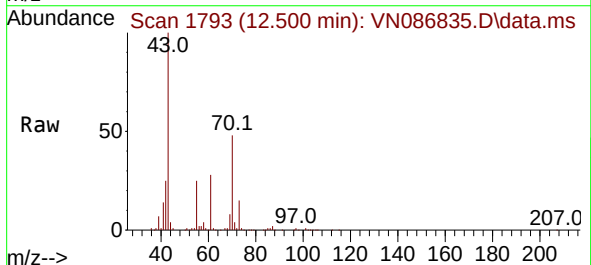
Manual Integrations
APPROVED

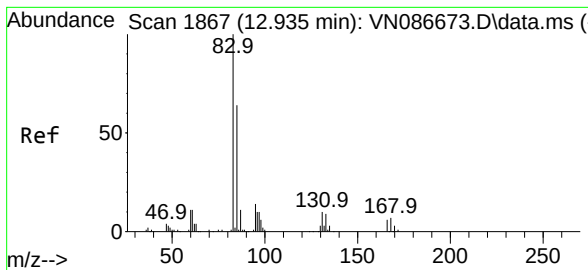
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#74
N-ethyl acetate
Concen: 47.189 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.012 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

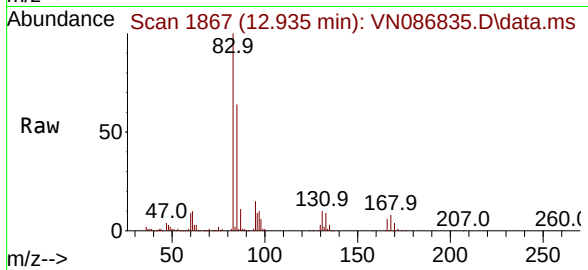
Tgt Ion: 43 Resp: 317518
Ion Ratio Lower Upper
43 100
70 47.2 37.9 56.9
55 24.3 20.5 30.7
61 27.8 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 48.914 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

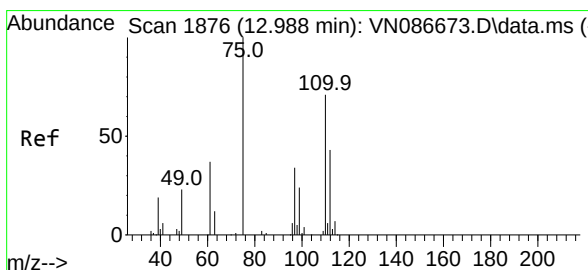
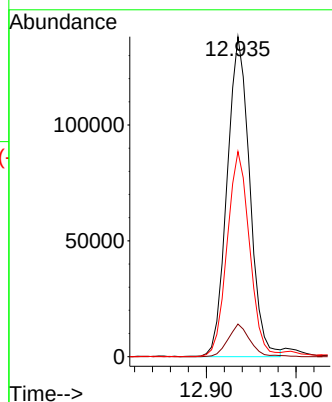
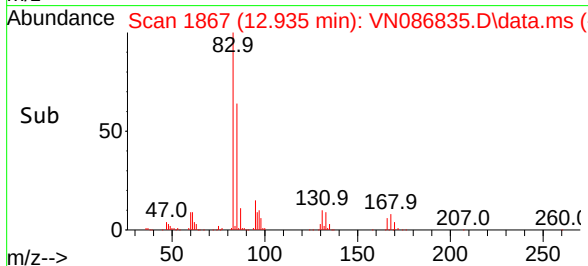
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



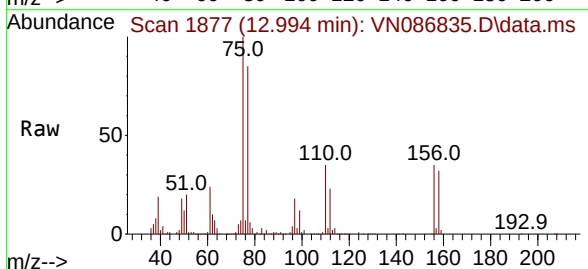
Tgt Ion: 83 Resp: 242010
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 63.6 32.4 97.2

Manual Integrations
APPROVED

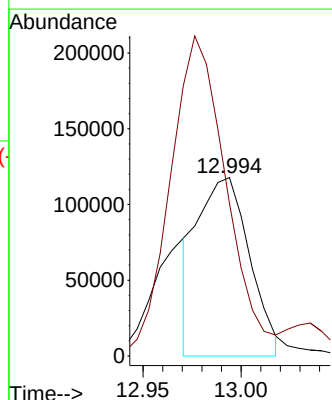
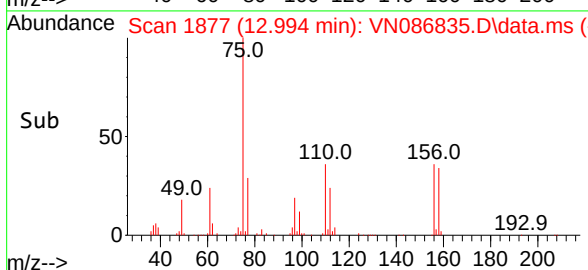
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

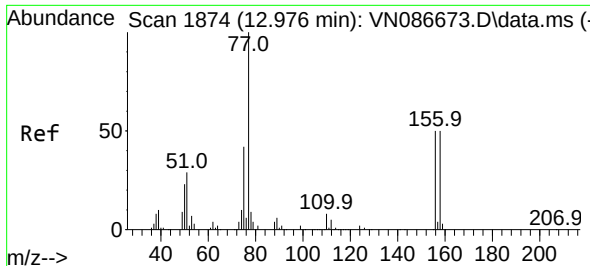


#76
1,2,3-Trichloropropane
Concen: 45.896 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30



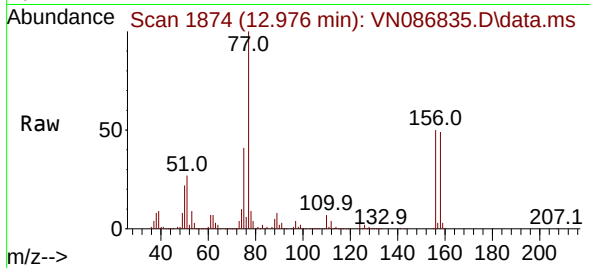
Tgt Ion: 75 Resp: 216438
Ion Ratio Lower Upper
75 100
77 194.0 96.0 288.1





#77
Bromobenzene
Concen: 45.944 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

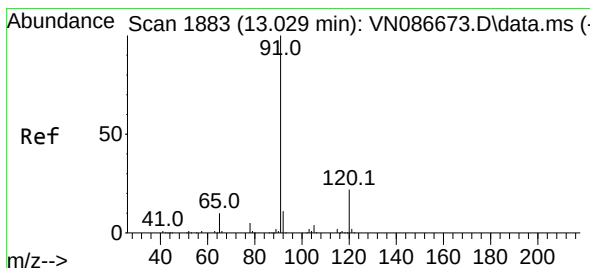
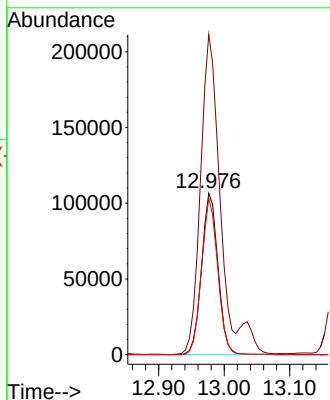
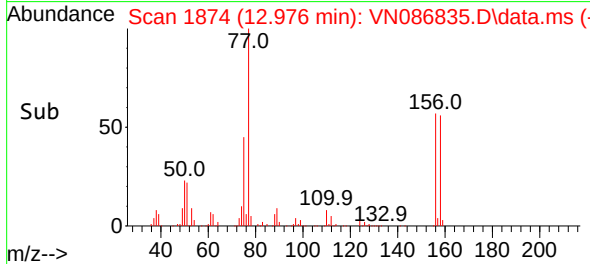
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



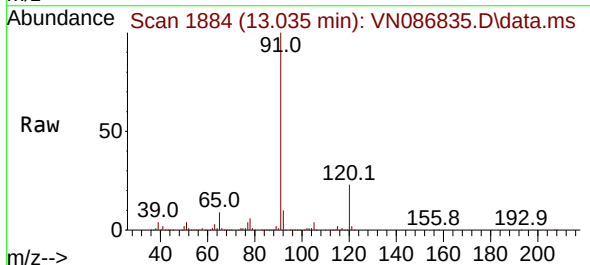
Tgt Ion:156 Resp: 186125
Ion Ratio Lower Upper
156 100
77 225.6 113.1 339.2
158 95.2 48.6 145.9

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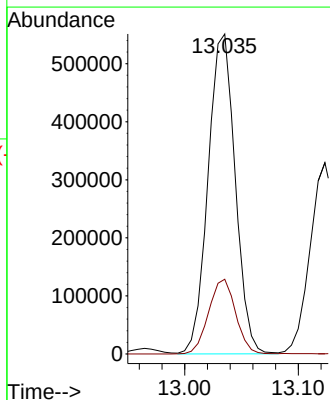
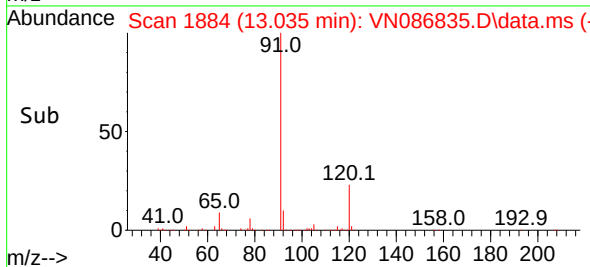
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

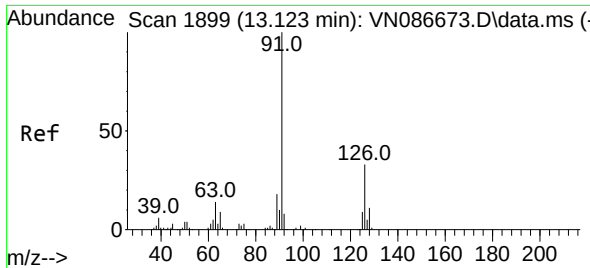


#78
n-propylbenzene
Concen: 49.499 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30



Tgt Ion: 91 Resp: 914832
Ion Ratio Lower Upper
91 100
120 23.2 11.4 34.1





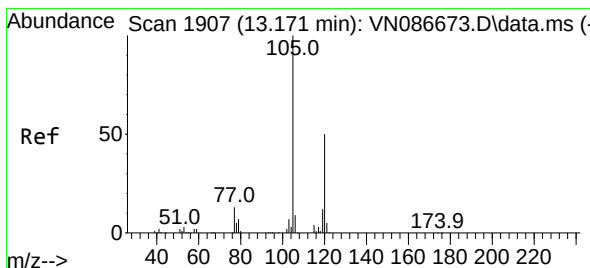
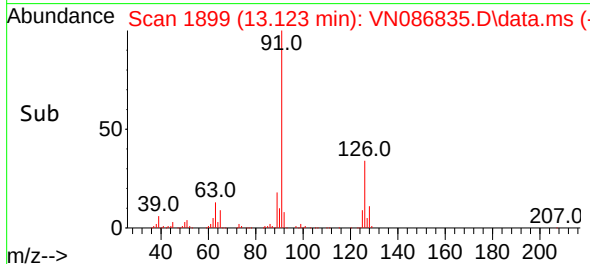
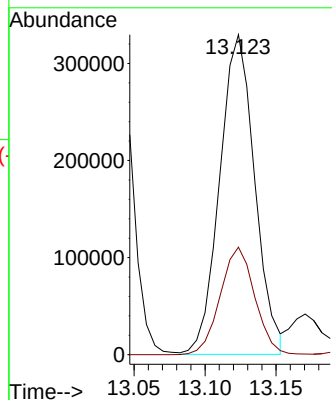
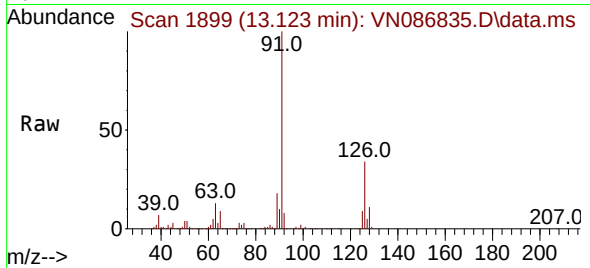
#79
2-Chlorotoluene
Concen: 47.081 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 565770
Ion Ratio Lower Upper
91 100
126 33.2 16.6 49.7

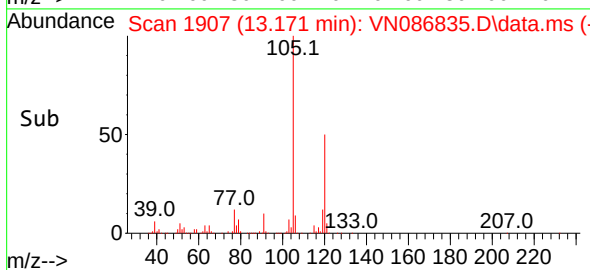
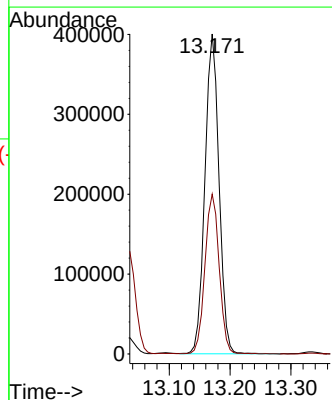
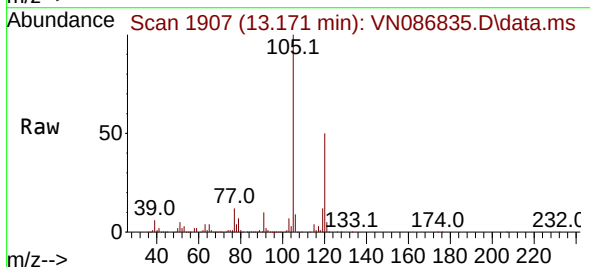
Manual Integrations
APPROVED

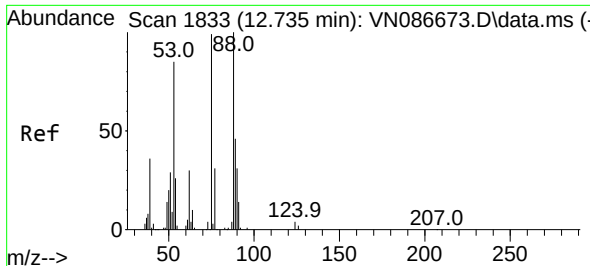
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.962 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

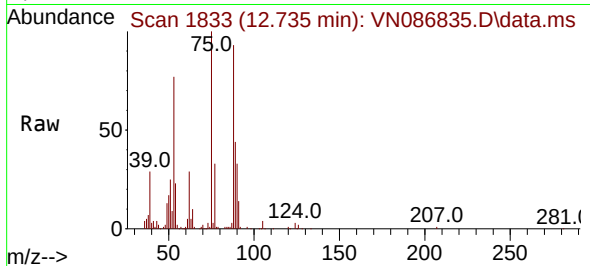
Tgt Ion:105 Resp: 644639
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 57.465 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

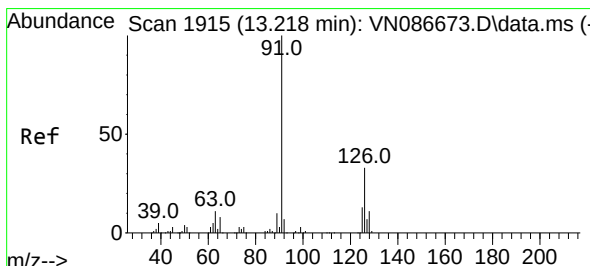
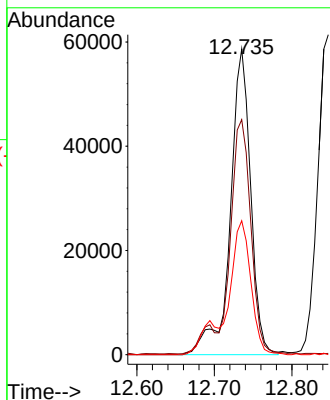
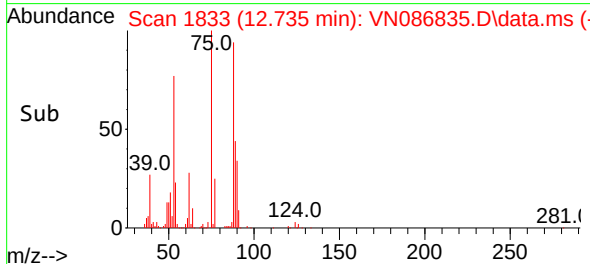
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 107382
Ion Ratio Lower Upper
75 100
53 73.6 70.4 105.6
89 42.4 32.4 48.6

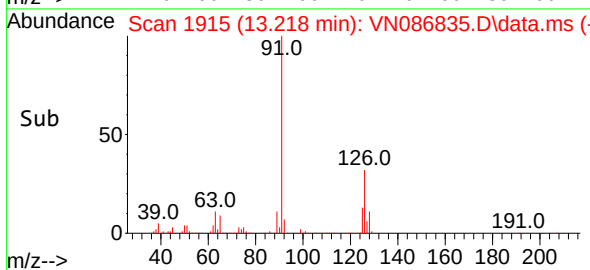
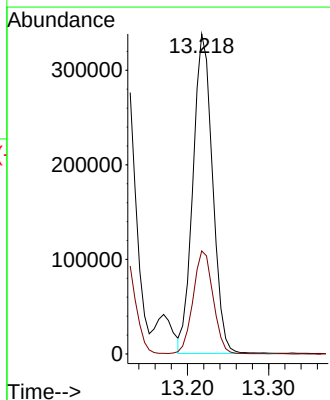
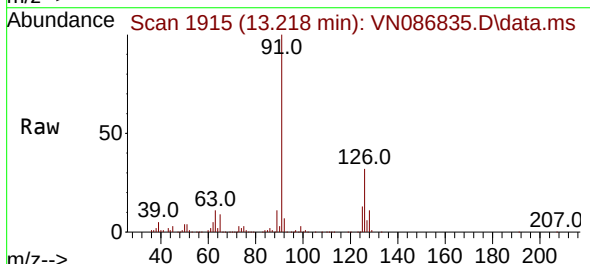
Manual Integrations
APPROVED

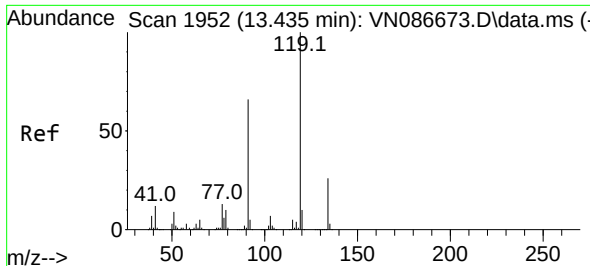
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#82
4-Chlorotoluene
Concen: 47.548 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

Tgt Ion: 91 Resp: 566090
Ion Ratio Lower Upper
91 100
126 33.1 17.0 50.9





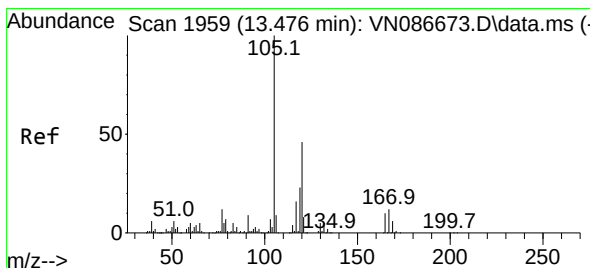
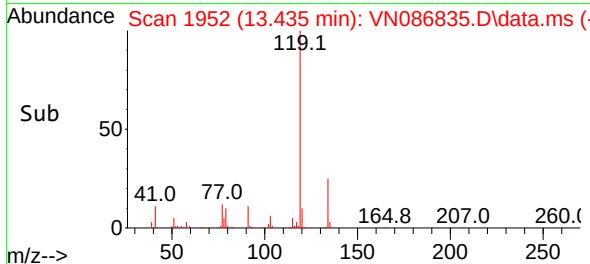
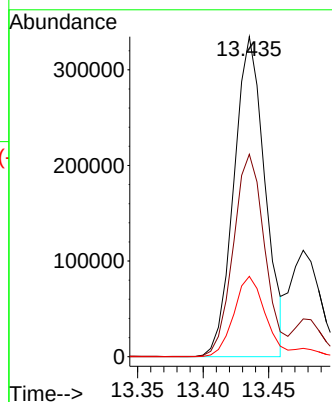
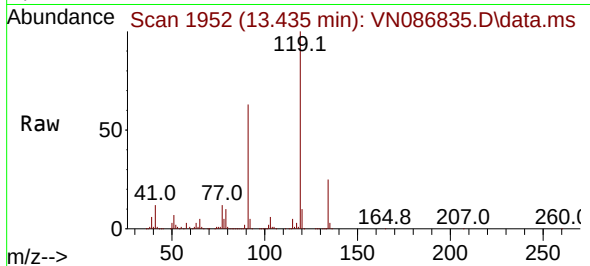
#83
tert-Butylbenzene
Concen: 49.068 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 552125
Ion Ratio Lower Upper
119 100
91 64.4 32.9 98.7
134 25.7 13.4 40.1

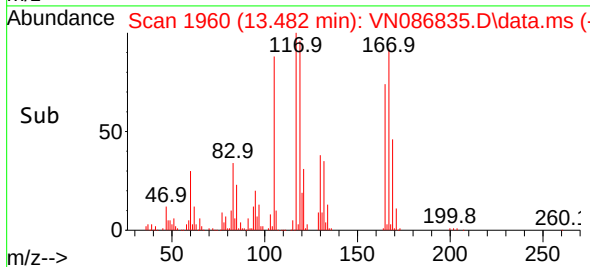
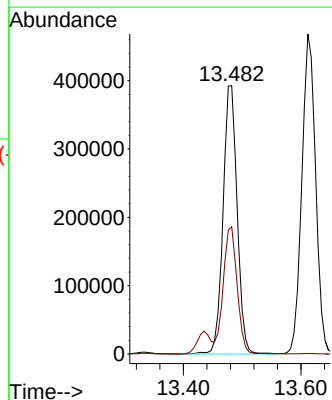
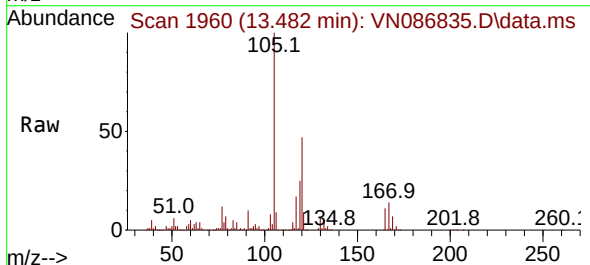
Manual Integrations
APPROVED

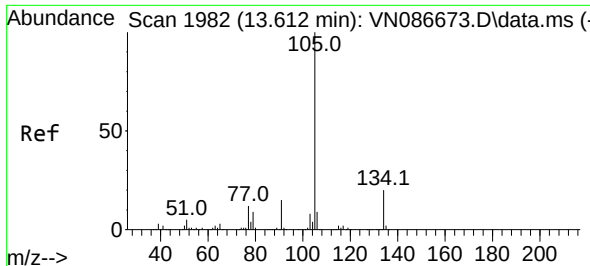
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#84
1,2,4-Trimethylbenzene
Concen: 50.959 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

Tgt Ion:105 Resp: 654762
Ion Ratio Lower Upper
105 100
120 46.4 23.2 69.6





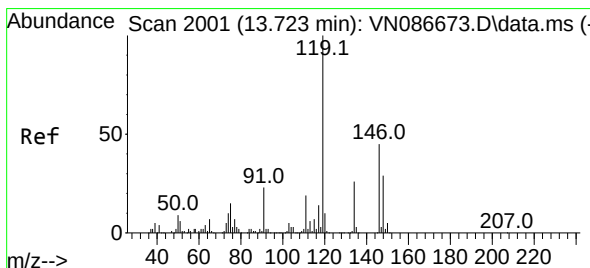
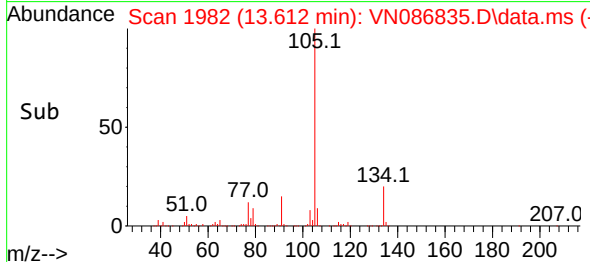
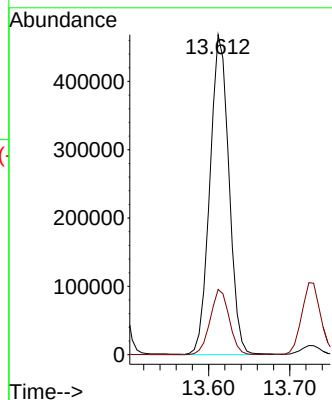
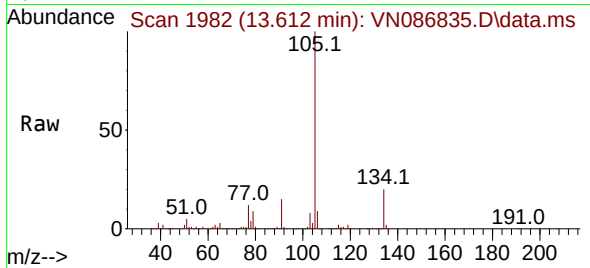
#85
 sec-Butylbenzene
 Concen: 50.628 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086835.D
 Acq: 03 Jun 2025 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 763850
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1

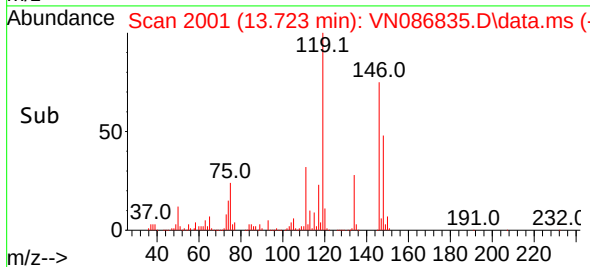
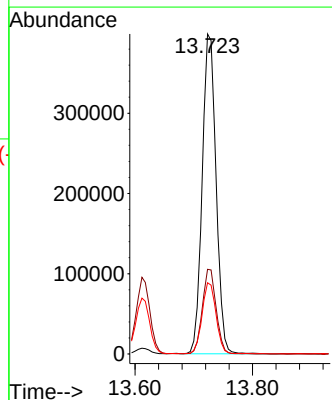
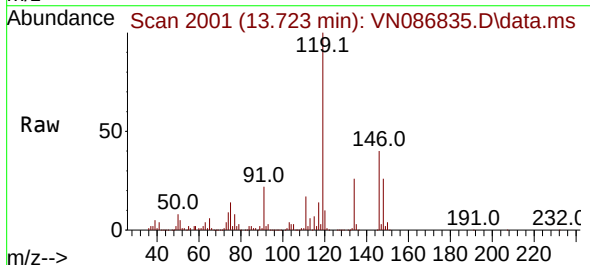
Manual Integrations
 APPROVED

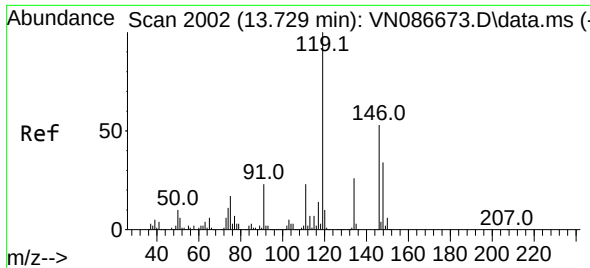
Reviewed By :John Carlone 06/04/2025
 Supervised By :Mahesh Dadoda 06/04/2025



#86
 p-Isopropyltoluene
 Concen: 52.685 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086835.D
 Acq: 03 Jun 2025 11:30

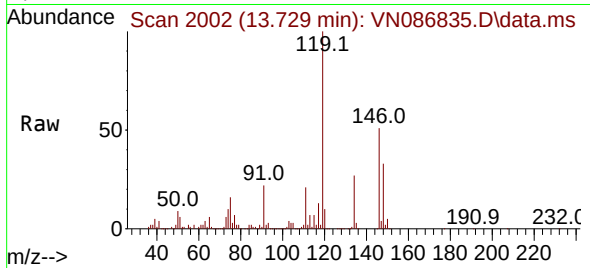
Tgt Ion:119 Resp: 651562
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 22.3 11.5 34.5





#87
1,3-Dichlorobenzene
Concen: 47.458 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

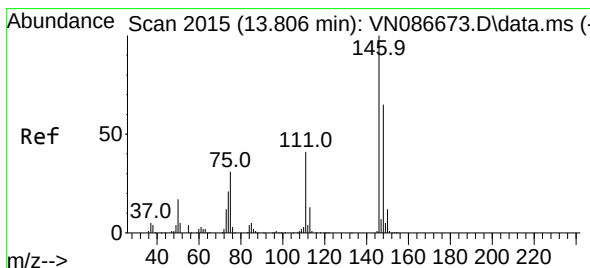
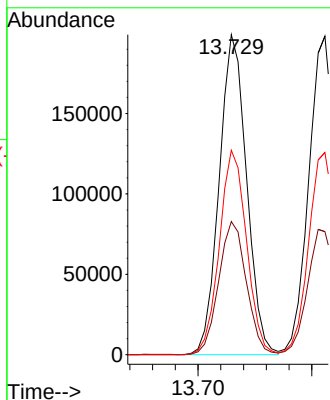
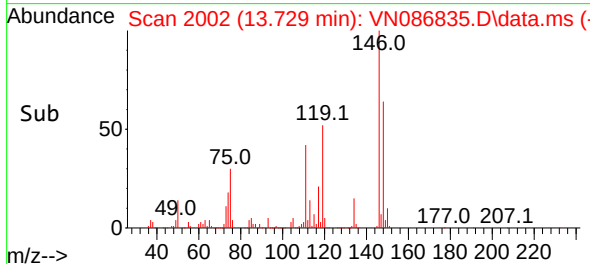
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



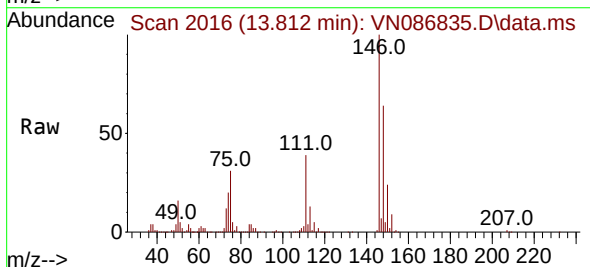
Tgt Ion:146 Resp: 332920
Ion Ratio Lower Upper
146 100
111 42.2 20.9 62.7
148 63.5 31.8 95.4

Manual Integrations
APPROVED

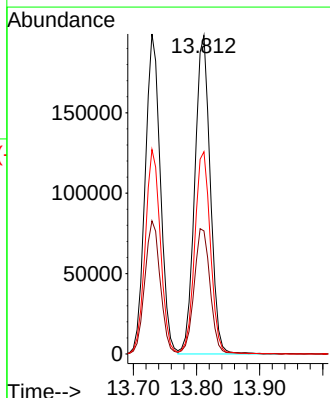
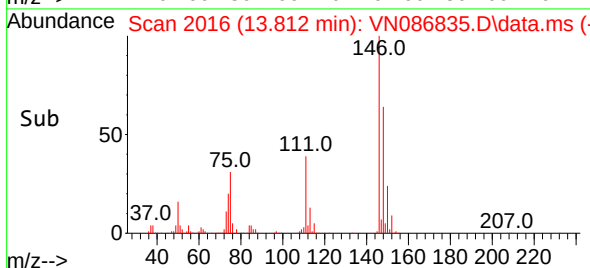
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

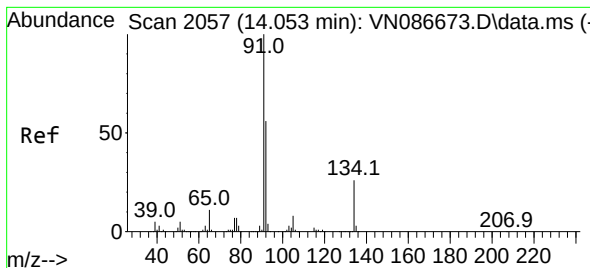


#88
1,4-Dichlorobenzene
Concen: 48.546 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30



Tgt Ion:146 Resp: 337415
Ion Ratio Lower Upper
146 100
111 40.8 20.6 61.8
148 64.3 32.0 96.0





#89

n-Butylbenzene

Concen: 54.326 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086835.D

Acq: 03 Jun 2025 11:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 556972

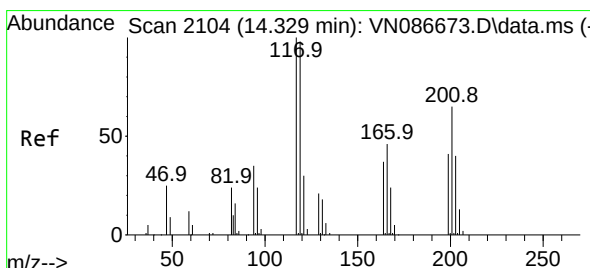
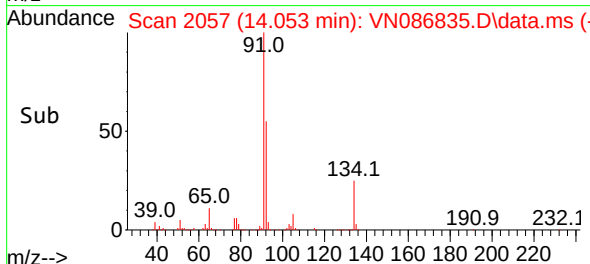
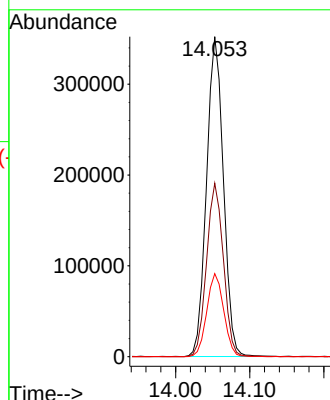
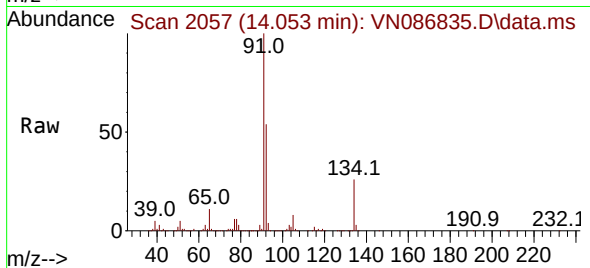
Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.4	82.0
134	26.1	12.8	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/04/2025

Supervised By :Mahesh Dadoda 06/04/2025



#90

Hexachloroethane

Concen: 54.008 ug/l

RT: 14.329 min Scan# 2104

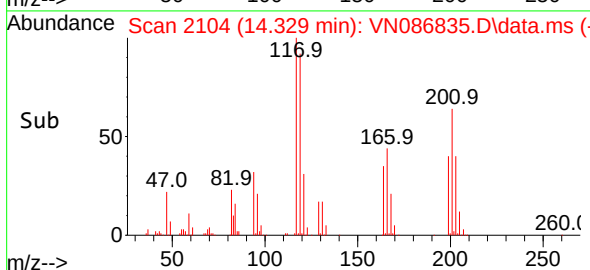
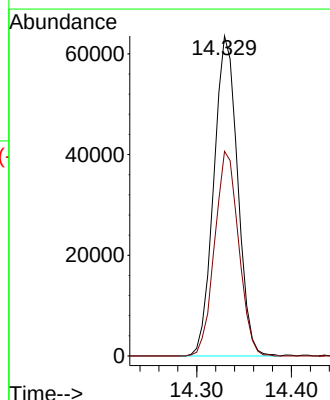
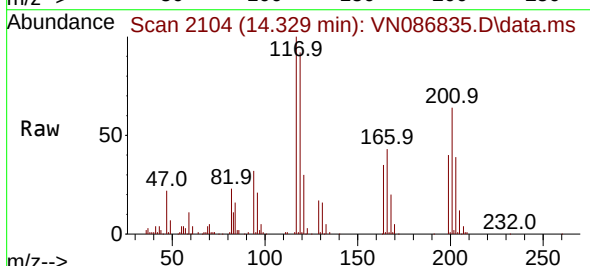
Delta R.T. -0.000 min

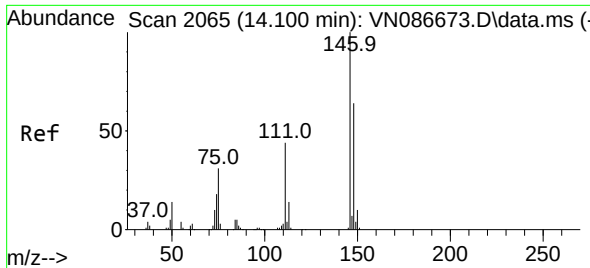
Lab File: VN086835.D

Acq: 03 Jun 2025 11:30

Tgt Ion:117 Resp: 110821

Ion	Ratio	Lower	Upper
117	100		
201	64.6	32.0	96.0





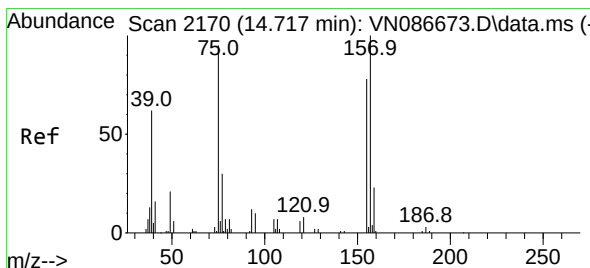
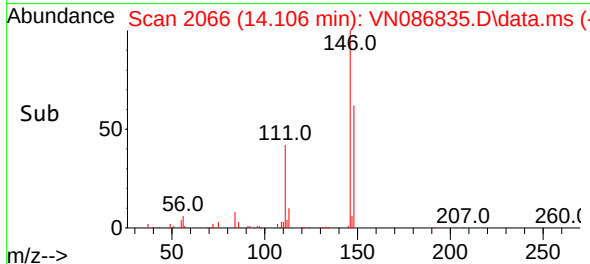
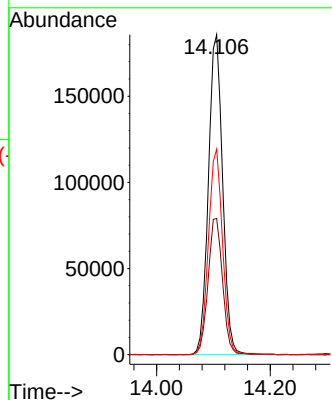
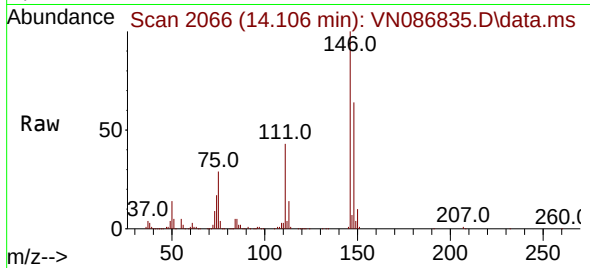
#91
 1,2-Dichlorobenzene
 Concen: 48.223 ug/l
 RT: 14.106 min Scan# 2065
 Delta R.T. 0.006 min
 Lab File: VN086835.D
 Acq: 03 Jun 2025 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 321762
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.6 65.0
 148 63.9 31.7 95.1

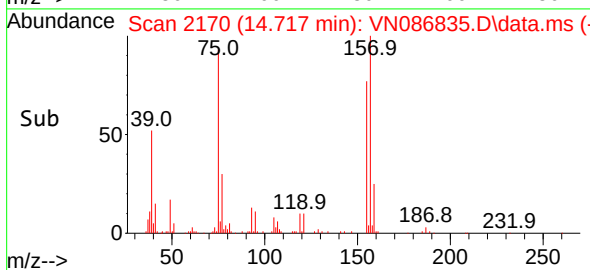
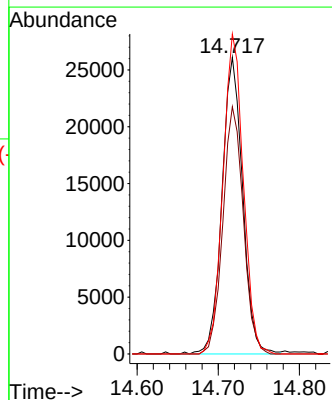
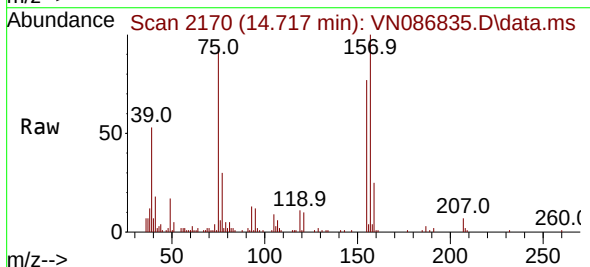
Manual Integrations
 APPROVED

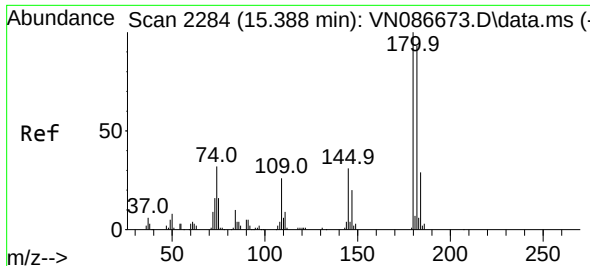
Reviewed By :John Carlone 06/04/2025
 Supervised By :Mahesh Dadoda 06/04/2025



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.438 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN086835.D
 Acq: 03 Jun 2025 11:30

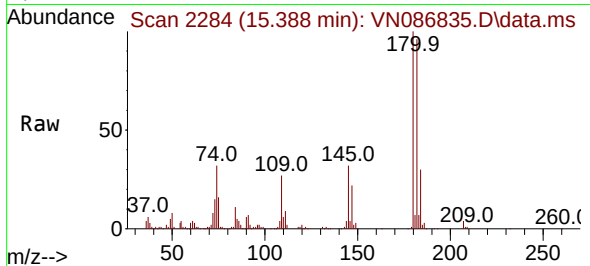
Tgt Ion: 75 Resp: 46258
 Ion Ratio Lower Upper
 75 100
 155 82.2 40.5 121.5
 157 106.2 53.6 160.8





#93
1,2,4-Trichlorobenzene
Concen: 62.388 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

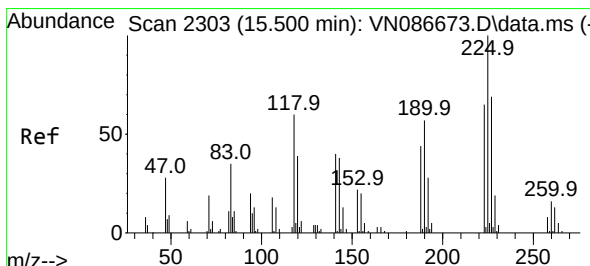
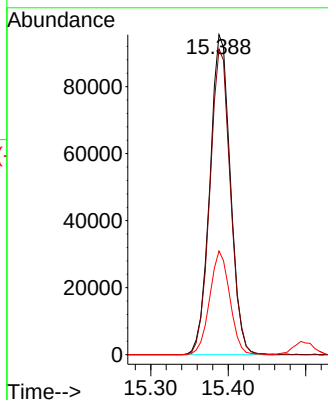
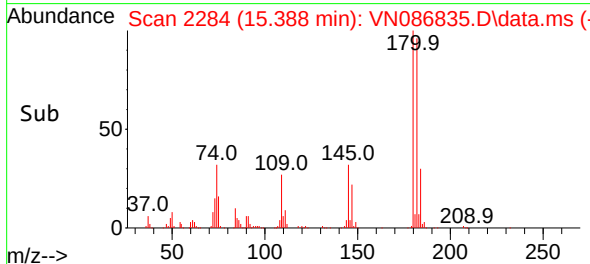
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



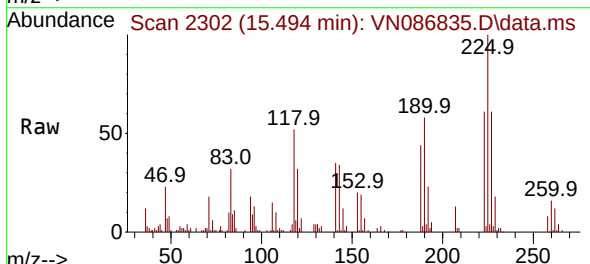
Tgt Ion:180 Resp: 17571
Ion Ratio Lower Upper
180 100
182 95.4 47.1 141.3
145 31.7 15.6 46.8

Manual Integrations
APPROVED

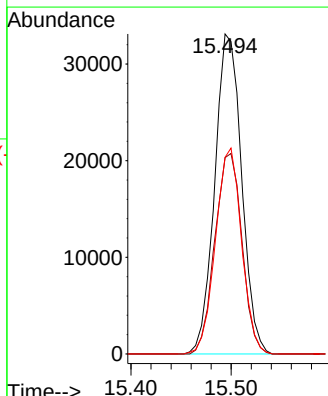
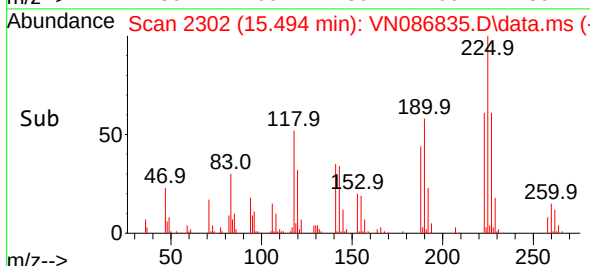
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

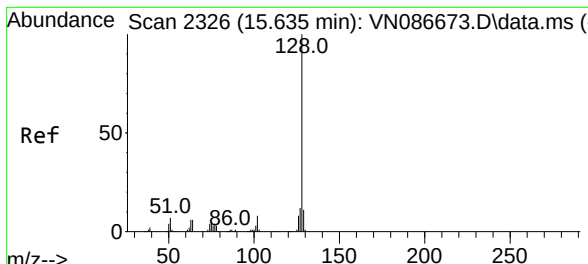


#94
Hexachlorobutadiene
Concen: 52.794 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30



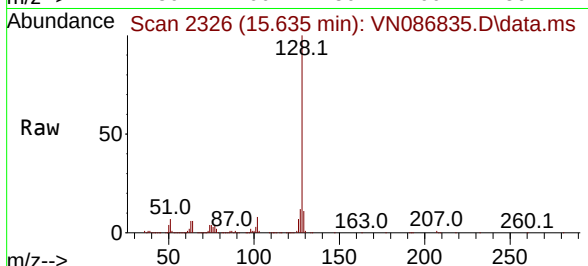
Tgt Ion:225 Resp: 61691
Ion Ratio Lower Upper
225 100
223 63.0 32.9 98.6
227 62.4 32.4 97.2





#95
Naphthalene
Concen: 63.724 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30

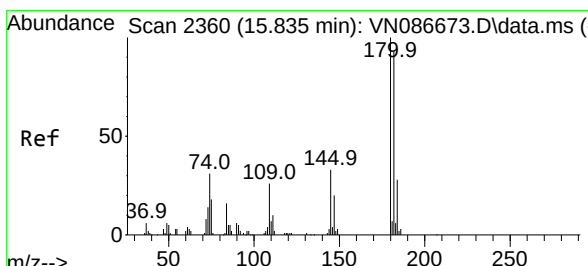
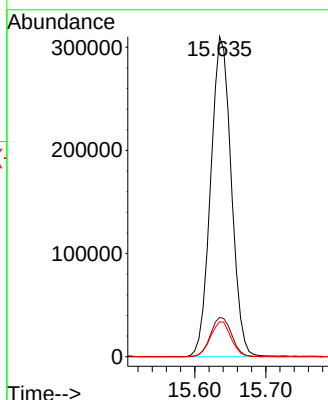
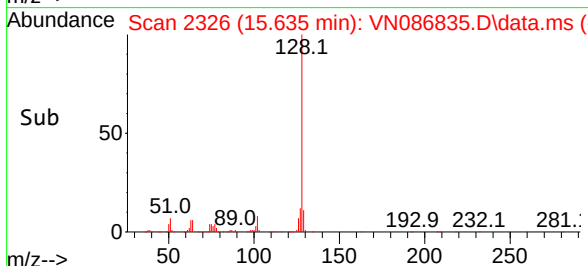
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



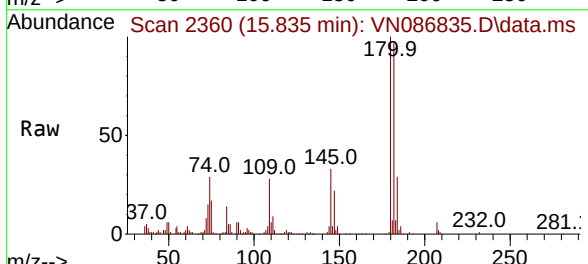
Tgt Ion:128 Resp: 62317
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 60.257 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086835.D
Acq: 03 Jun 2025 11:30



Tgt Ion:180 Resp: 166197
Ion Ratio Lower Upper
180 100
182 94.0 47.0 141.2
145 33.4 16.7 50.1

