

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061825\
 Data File : VN087098.D
 Acq On : 18 Jun 2025 19:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 19 01:34:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/19/2025
 Supervised By : Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	189111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	343303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	303826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	129912	51.308	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.620%			
35) Dibromofluoromethane	8.171	113	113753	55.912	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.820%			
50) Toluene-d8	10.565	98	416207	51.677	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.360%			
62) 4-Bromofluorobenzene	12.847	95	156337	52.246	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.500%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.154	85	100528	53.315	ug/l	100
3) Chloromethane	2.395	50	110773	45.495	ug/l	100
4) Vinyl Chloride	2.554	62	140290	55.855	ug/l	99
5) Bromomethane	2.989	94	72744	51.755	ug/l	98
6) Chloroethane	3.153	64	89505	55.168	ug/l	100
7) Trichlorofluoromethane	3.530	101	181514	55.313	ug/l	100
8) Diethyl Ether	3.983	74	76418	53.447	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.400	101	112924	54.772	ug/l	98
10) Methyl Iodide	4.612	142	90457	33.845	ug/l	96
11) Tert butyl alcohol	5.536	59	155361	226.134	ug/l	99
12) 1,1-Dichloroethene	4.371	96	114974	54.623	ug/l	90
13) Acrolein	4.200	56	76088	349.879	ug/l	98
14) Allyl chloride	5.047	41	163864	46.942	ug/l	95
15) Acrylonitrile	5.736	53	400826	249.606	ug/l	99
16) Acetone	4.447	43	306869	228.541	ug/l	99
17) Carbon Disulfide	4.742	76	328770	56.468	ug/l	100
18) Methyl Acetate	5.042	43	201717	51.551	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	390655	51.259	ug/l	97
20) Methylene Chloride	5.295	84	129490	51.511	ug/l	93
21) trans-1,2-Dichloroethene	5.806	96	122590	52.348	ug/l	98
22) Diisopropyl ether	6.689	45	362665	49.286	ug/l	97
23) Vinyl Acetate	6.618	43	1521870	244.793	ug/l	97
24) 1,1-Dichloroethane	6.589	63	222185	52.469	ug/l	98
25) 2-Butanone	7.494	43	504996	231.377	ug/l	96
26) 2,2-Dichloropropane	7.500	77	157062	47.682	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	147877	52.800	ug/l	96
28) Bromochloromethane	7.824	49	96515	46.356	ug/l	93
29) Tetrahydrofuran	7.847	42	334447	235.230	ug/l	96
30) Chloroform	7.977	83	219880	51.995	ug/l	98
31) Cyclohexane	8.265	56	195195	47.532	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	185396	51.545	ug/l	98
36) 1,1-Dichloropropene	8.383	75	162876	53.726	ug/l	99
37) Ethyl Acetate	7.571	43	187232	48.515	ug/l	99
38) Carbon Tetrachloride	8.371	117	159437	53.568	ug/l	97
39) Methylcyclohexane	9.606	83	186032	44.790	ug/l	96
40) Benzene	8.612	78	517732	52.225	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	99657	45.981	ug/l	92
42) 1,2-Dichloroethane	8.677	62	154951	51.533	ug/l	99
43) Isopropyl Acetate	8.694	43	287907	46.481	ug/l	96
44) Trichloroethene	9.353	130	124543	52.982	ug/l	96
45) 1,2-Dichloropropane	9.624	63	125302	51.954	ug/l	100
46) Dibromomethane	9.712	93	86447	53.963	ug/l	99
47) Bromodichloromethane	9.888	83	171216	51.947	ug/l	98
48) Methyl methacrylate	9.682	41	133232	46.733	ug/l	93
49) 1,4-Dioxane	9.706	88	51690	996.635	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	917017	245.922	ug/l	98
52) Toluene	10.629	92	322535	53.238	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	189556	51.432	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	206140	52.274	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	122692	52.632	ug/l	99
56) Ethyl methacrylate	10.877	69	200286	53.942	ug/l	94
57) 1,3-Dichloropropane	11.165	76	211513	52.304	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	521933	235.679	ug/l	99
59) 2-Hexanone	11.200	43	614814	255.969	ug/l	93
60) Dibromochloromethane	11.359	129	133807	55.092	ug/l	100
61) 1,2-Dibromoethane	11.471	107	125069	52.343	ug/l	99
64) Tetrachloroethene	11.106	164	98311	51.129	ug/l	97
65) Chlorobenzene	11.888	112	350202	52.261	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	113531	52.707	ug/l	99
67) Ethyl Benzene	11.965	91	589188	51.046	ug/l	99
68) m/p-Xylenes	12.071	106	468010	105.923	ug/l	97
69) o-Xylene	12.400	106	225888	53.380	ug/l	95
70) Styrene	12.412	104	386227	53.338	ug/l	99
71) Bromoform	12.576	173	89180	55.877	ug/l #	100
73) Isopropylbenzene	12.694	105	552495	49.133	ug/l	100
74) N-amyl acetate	12.512	43	164161	41.777	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	192951	50.650	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	160483m	43.739	ug/l	
77) Bromobenzene	12.976	156	135755	52.642	ug/l	96
78) n-propylbenzene	13.035	91	650467	47.599	ug/l	99
79) 2-Chlorotoluene	13.123	91	393256	47.985	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	452283	48.716	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	71058	44.581	ug/l	94
82) 4-Chlorotoluene	13.218	91	412348	49.727	ug/l	99
83) tert-Butylbenzene	13.435	119	387224	45.565	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	463050	49.739	ug/l	100
85) sec-Butylbenzene	13.612	105	551168	44.660	ug/l	99
86) p-Isopropyltoluene	13.723	119	468408	45.914	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	257823	50.814	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	265204	51.268	ug/l	99
89) n-Butylbenzene	14.053	91	406621	41.149	ug/l	100
90) Hexachloroethane	14.329	117	84025	48.590	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	250075	51.301	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	41858	45.944	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	135052	43.387	ug/l	99
94) Hexachlorobutadiene	15.494	225	41719	35.974	ug/l	99
95) Naphthalene	15.635	128	550393	47.504	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	132061	42.701	ug/l	99

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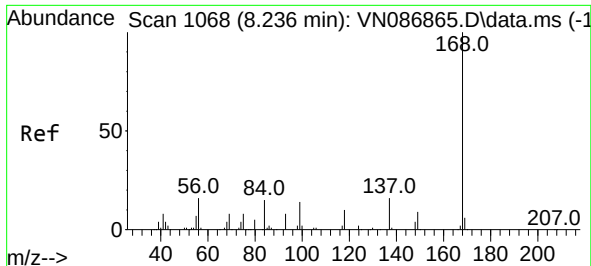
Manual Integrations
APPROVED

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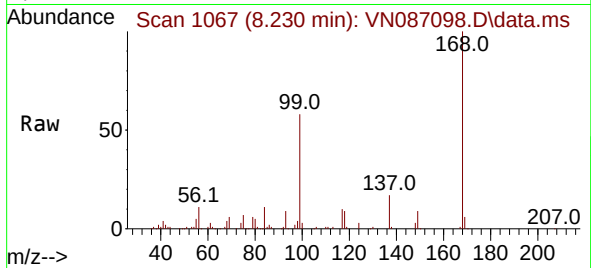
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
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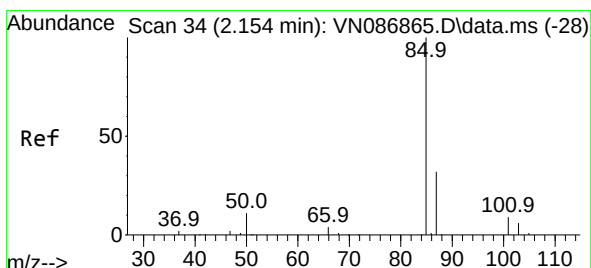
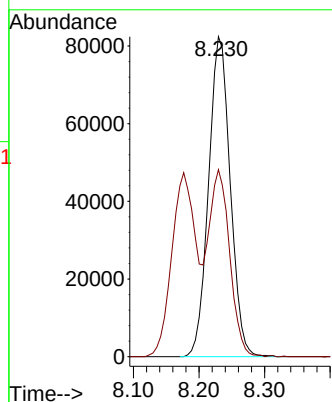
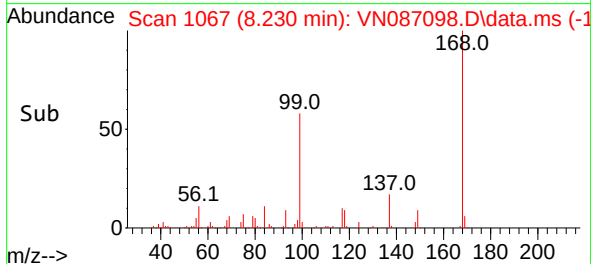
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 18911
Ion Ratio Lower Upper
168 100
99 58.5 49.1 73.7

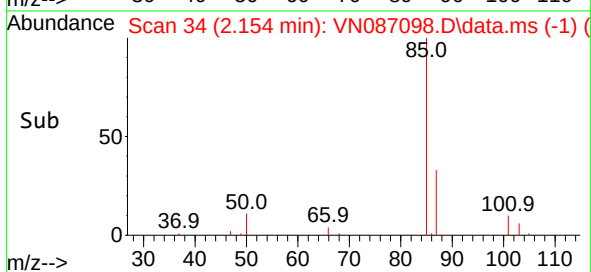
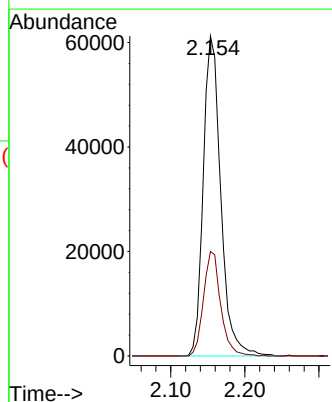
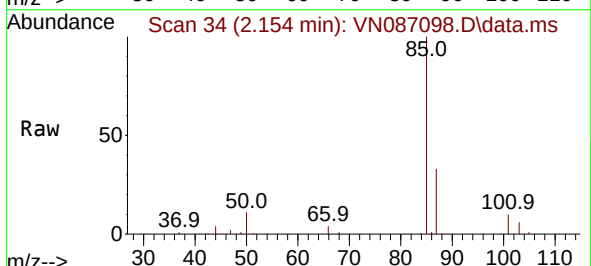
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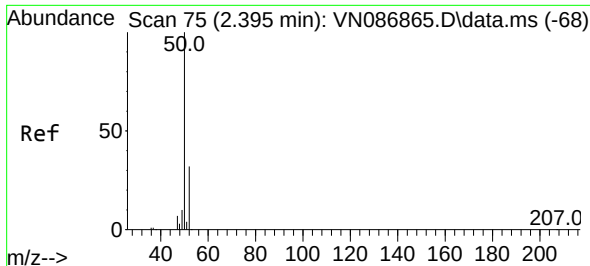
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#2
Dichlorodifluoromethane
Concen: 53.315 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

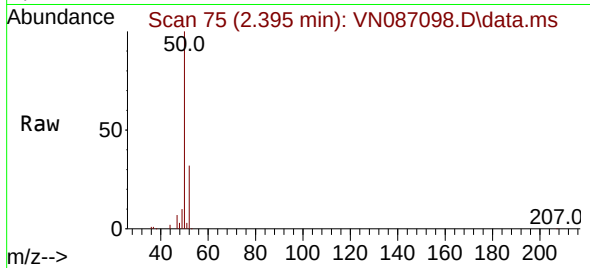
Tgt Ion: 85 Resp: 100528
Ion Ratio Lower Upper
85 100
87 32.6 16.2 48.6





#3
Chloromethane
Concen: 45.495 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

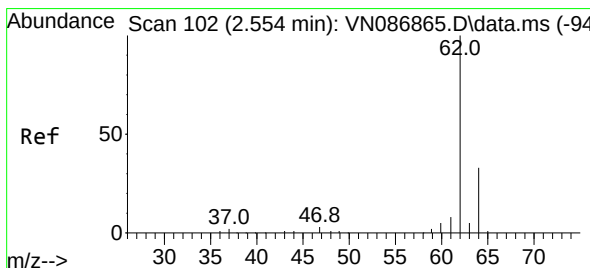
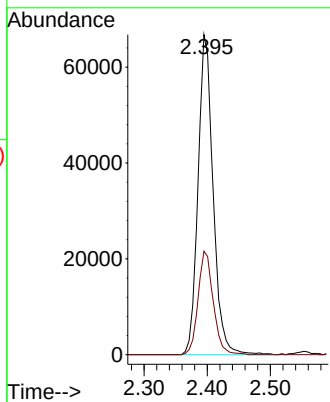
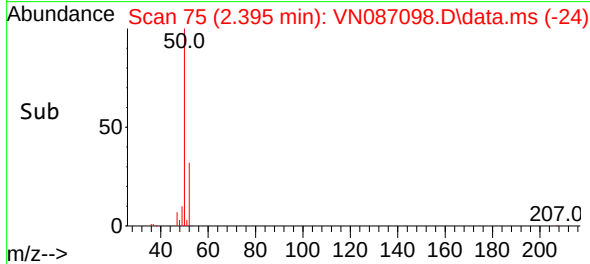
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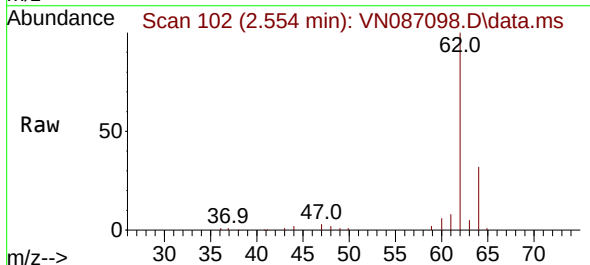
Tgt Ion: 50 Resp: 11077
Ion Ratio Lower Upper
50 100
52 32.3 25.7 38.5

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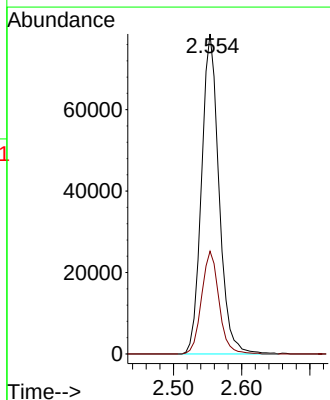
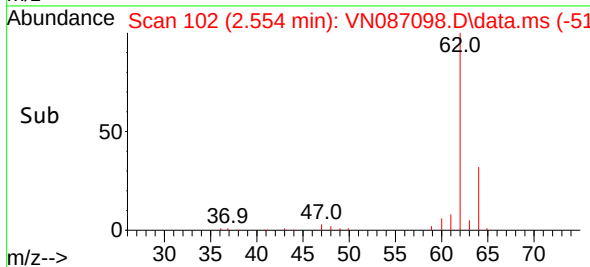
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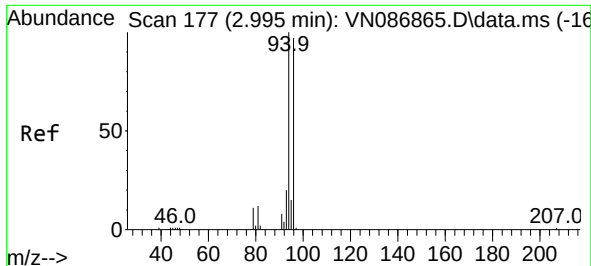


#4
Vinyl Chloride
Concen: 55.855 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42



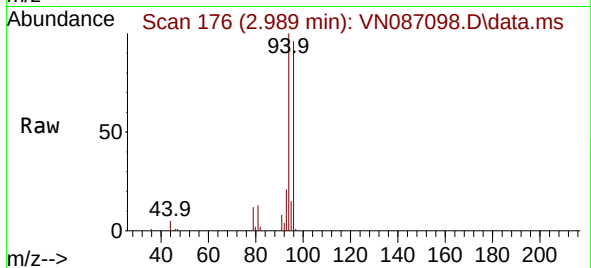
Tgt Ion: 62 Resp: 140290
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0





#5
Bromomethane
Concen: 51.755 ug/l
RT: 2.989 min Scan# 177
Delta R.T. -0.006 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

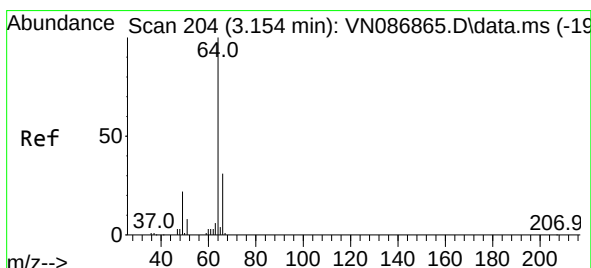
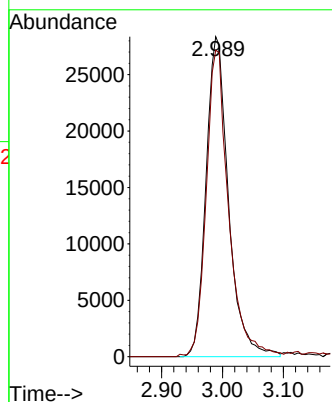
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 72744
Ion Ratio Lower Upper
94 100
96 95.0 77.9 116.9

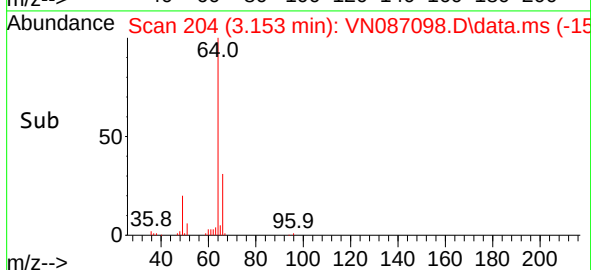
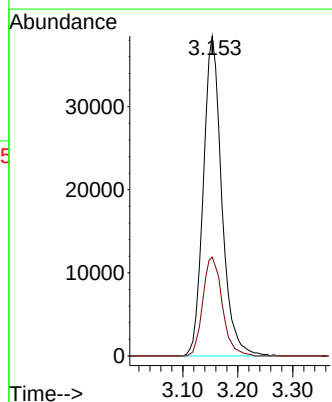
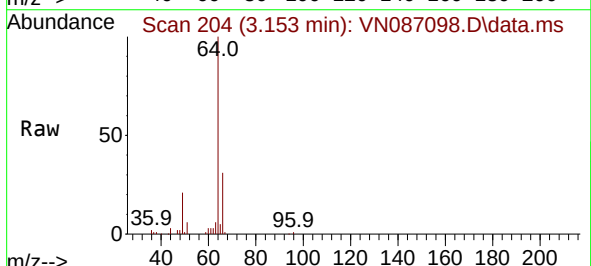
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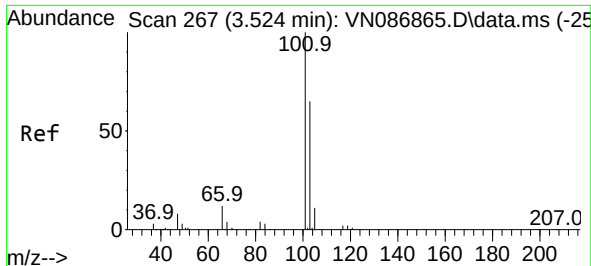
Reviewed By :John Carlone 06/19/2025
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#6
Chloroethane
Concen: 55.168 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

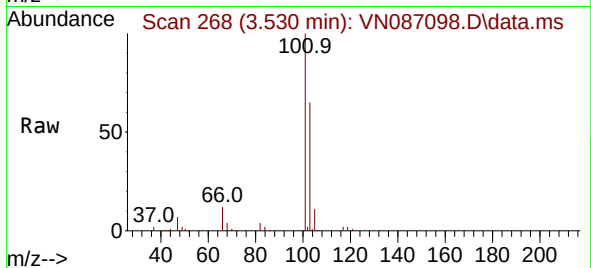
Tgt Ion: 64 Resp: 89505
Ion Ratio Lower Upper
64 100
66 30.9 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 55.313 ug/l
 RT: 3.530 min Scan# 267
 Delta R.T. 0.006 min
 Lab File: VN087098.D
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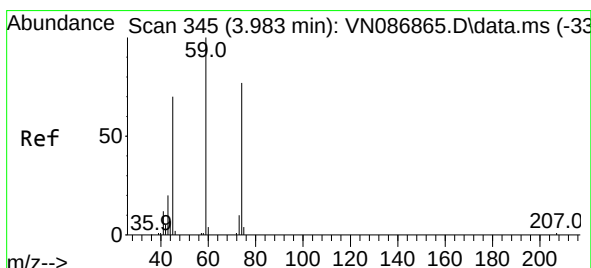
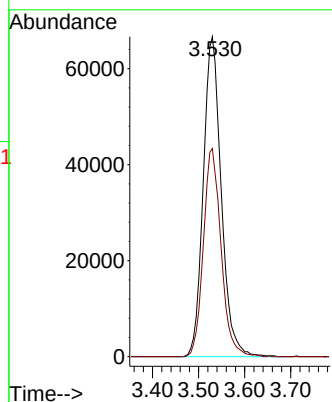
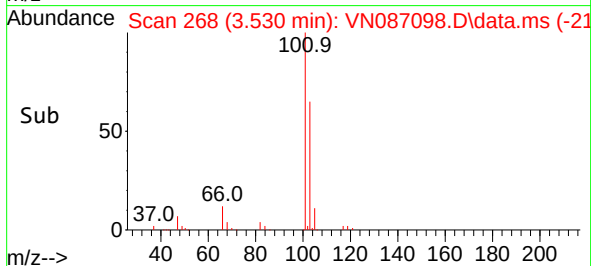
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Tgt Ion:101 Resp: 181514
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.2 78.2

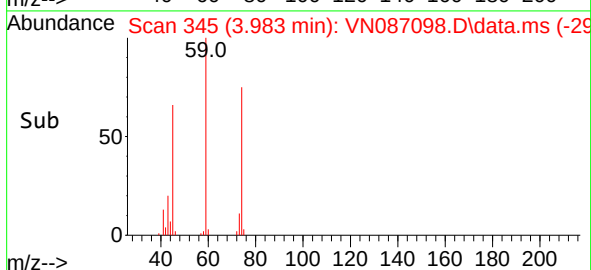
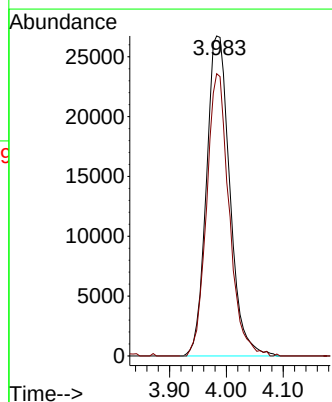
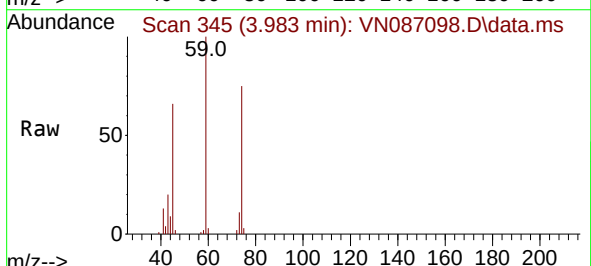
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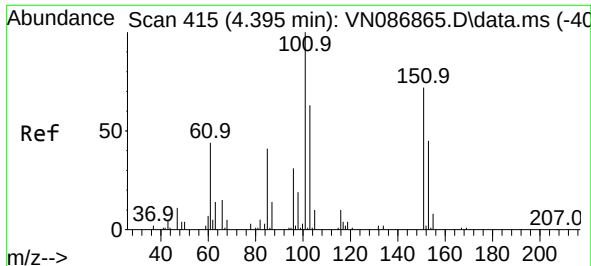
Reviewed By :John Carlone 06/19/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#8
 Diethyl Ether
 Concen: 53.447 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 76418
 Ion Ratio Lower Upper
 74 100
 45 84.8 45.5 136.5





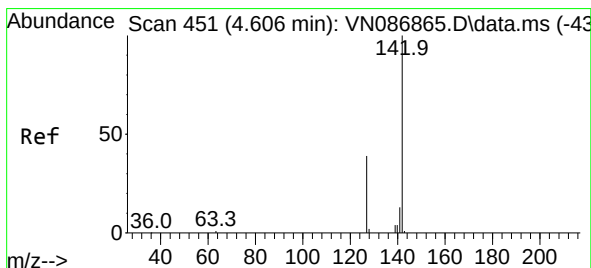
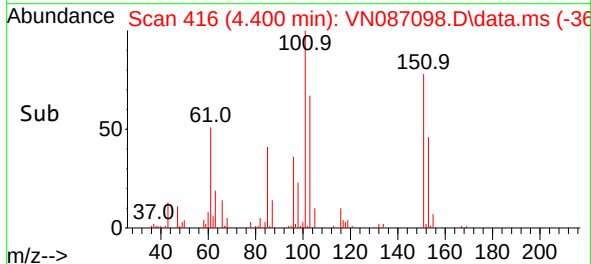
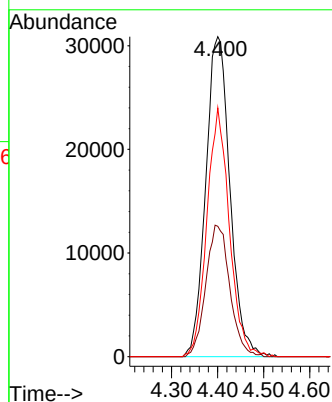
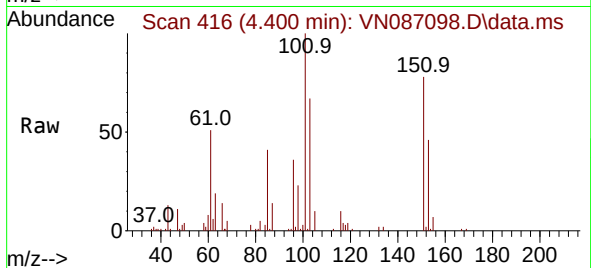
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.772 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

Instrument :
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Tgt Ion:101 Resp: 112924
Ion Ratio Lower Upper
101 100
85 40.7 33.8 50.8
151 72.1 58.7 88.1

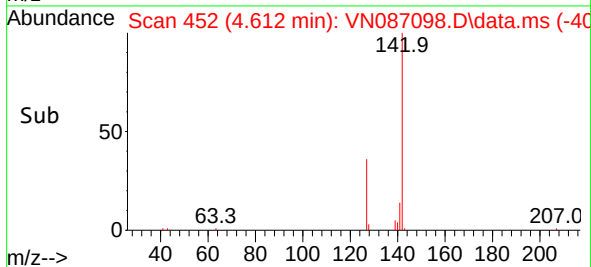
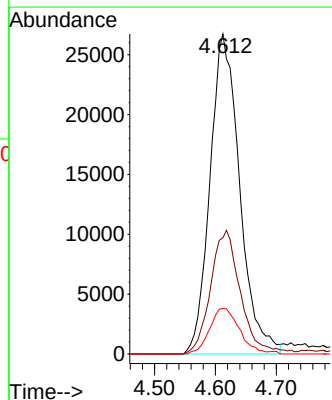
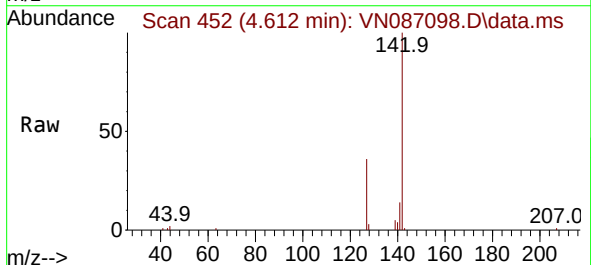
Manual Integrations
APPROVED

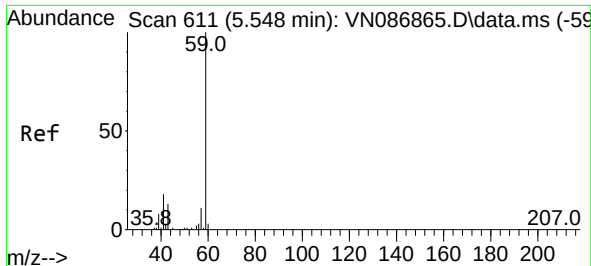
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#10
Methyl Iodide
Concen: 33.845 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

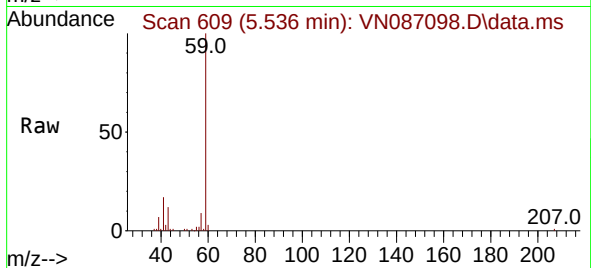
Tgt Ion:142 Resp: 90457
Ion Ratio Lower Upper
142 100
127 36.3 30.9 46.3
141 14.2 10.4 15.6





#11
Tert butyl alcohol
Concen: 226.134 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

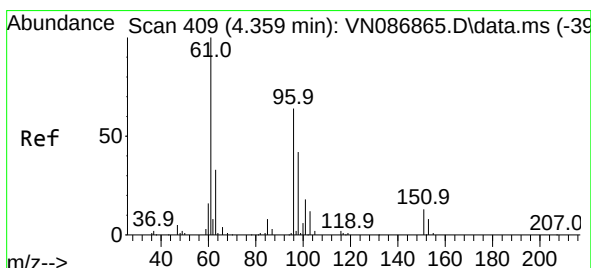
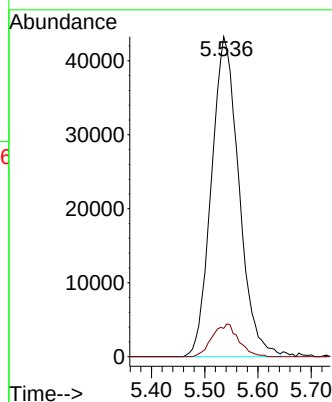
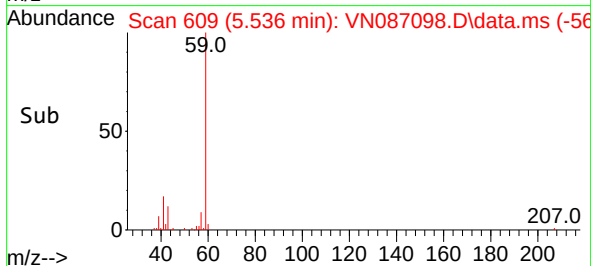
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



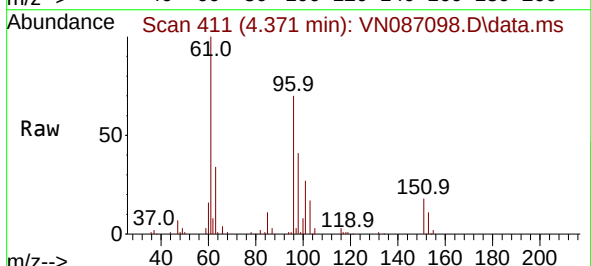
Tgt Ion: 59 Resp: 15536
Ion Ratio Lower Upper
59 100
57 9.8 8.1 12.1

Manual Integrations
APPROVED

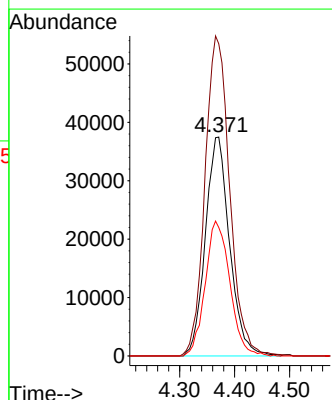
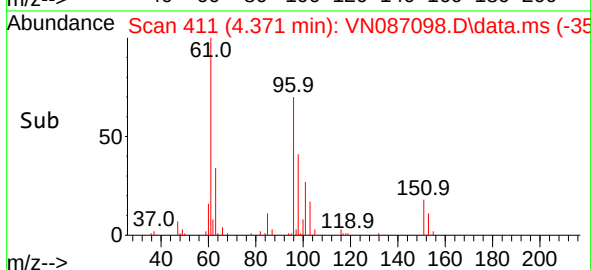
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

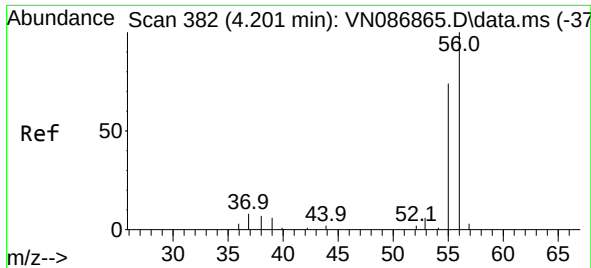


#12
1,1-Dichloroethene
Concen: 54.623 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42



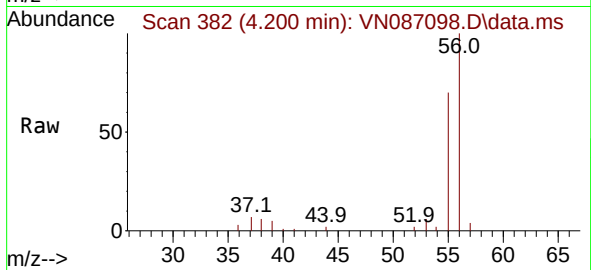
Tgt Ion: 96 Resp: 114974
Ion Ratio Lower Upper
96 100
61 142.7 125.8 188.6
98 58.7 52.5 78.7





#13
Acrolein
Concen: 349.879 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

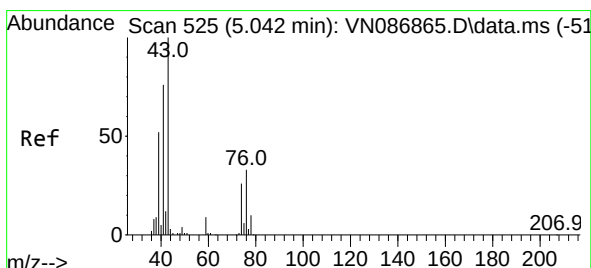
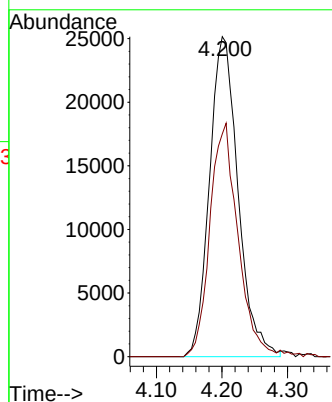
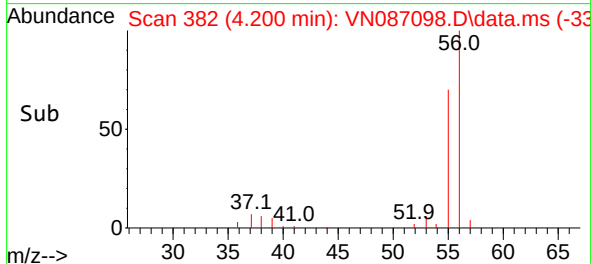
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 76088
Ion Ratio Lower Upper
56 100
55 71.2 55.6 83.4

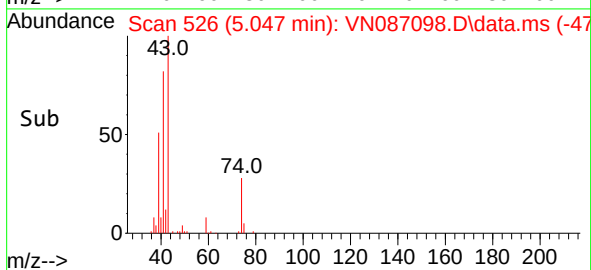
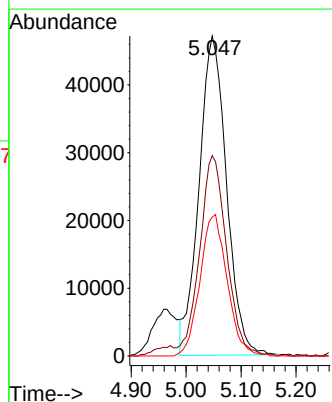
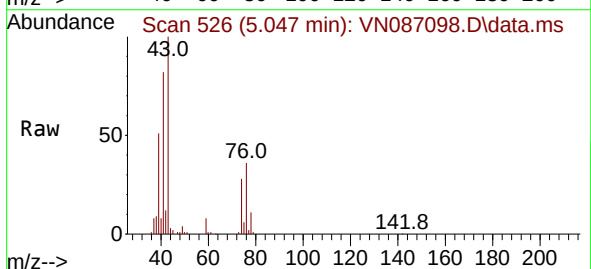
Manual Integrations
APPROVED

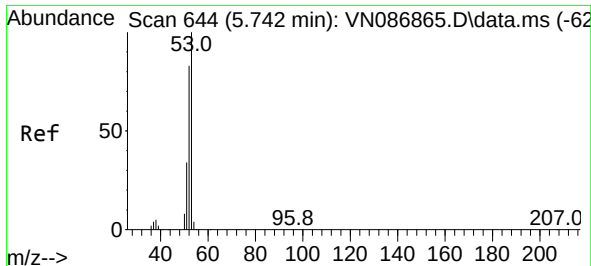
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#14
Allyl chloride
Concen: 46.942 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

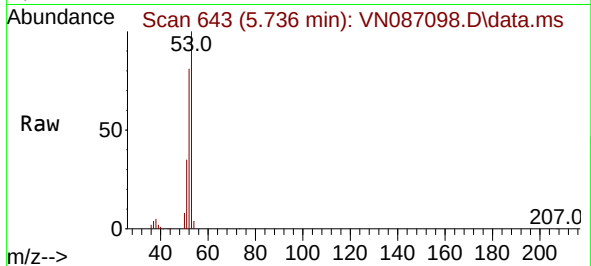
Tgt Ion: 41 Resp: 163864
Ion Ratio Lower Upper
41 100
39 61.7 51.3 76.9
76 43.7 31.4 47.0





#15
Acrylonitrile
Concen: 249.606 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

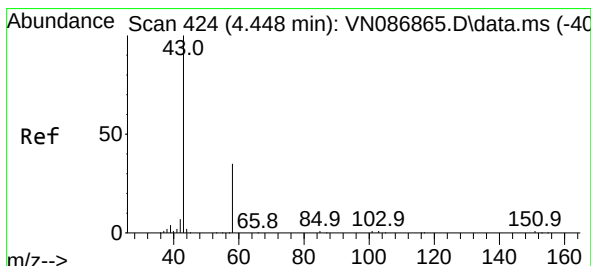
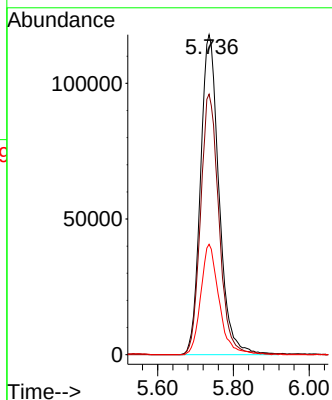
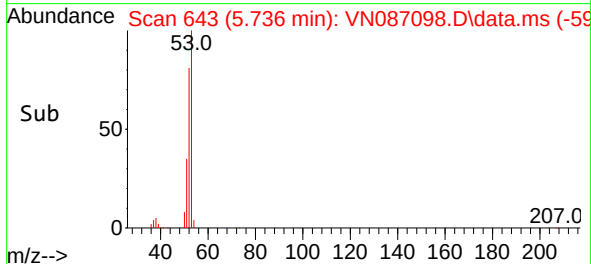
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 400820
Ion Ratio Lower Upper
53 100
52 80.4 65.0 97.6
51 34.1 27.2 40.8

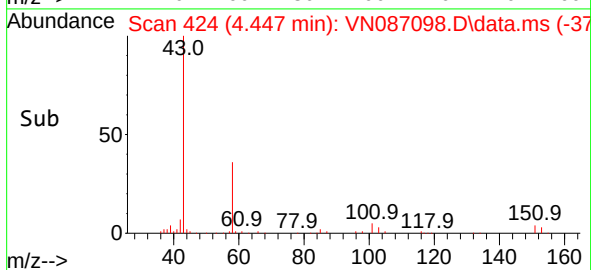
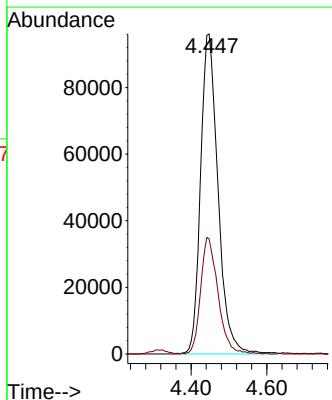
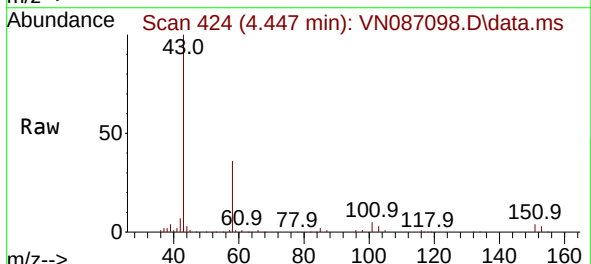
Manual Integrations
APPROVED

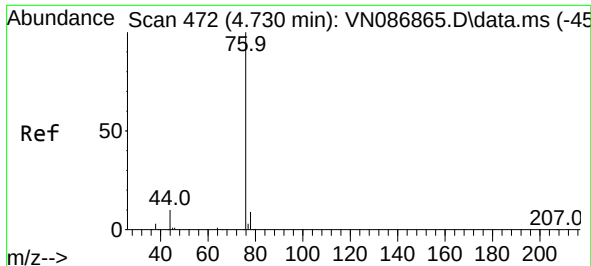
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#16
Acetone
Concen: 228.541 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

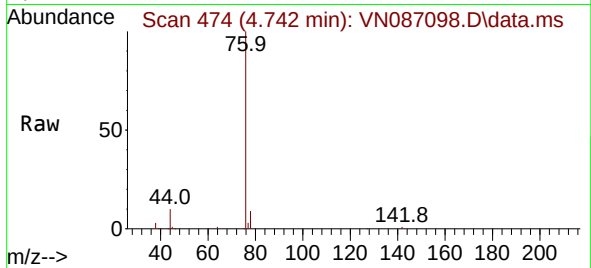
Tgt Ion: 43 Resp: 306869
Ion Ratio Lower Upper
43 100
58 35.8 28.0 42.0





#17
Carbon Disulfide
Concen: 56.468 ug/l
RT: 4.742 min Scan# 472
Delta R.T. 0.012 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

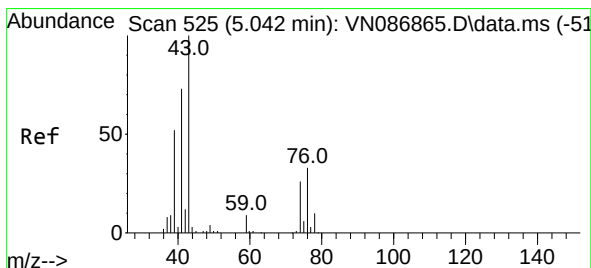
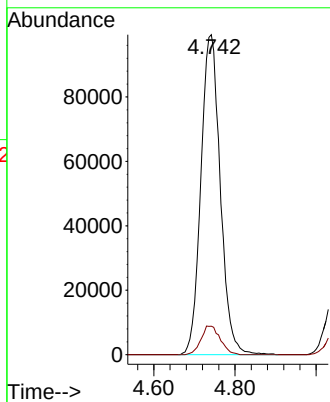
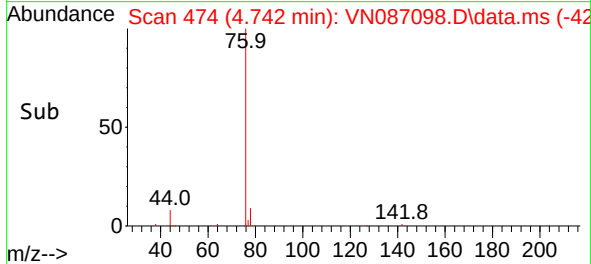
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 328770
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

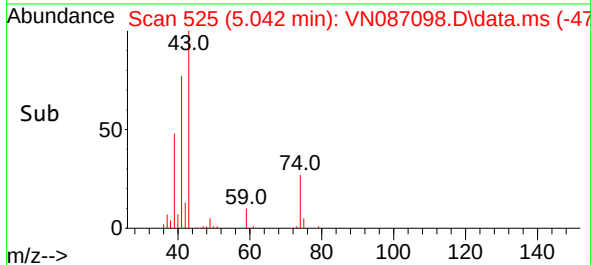
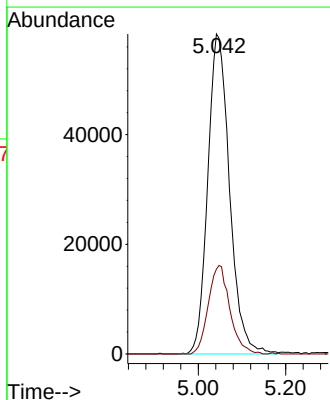
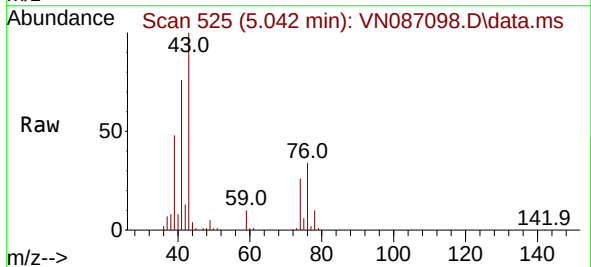
Manual Integrations
APPROVED

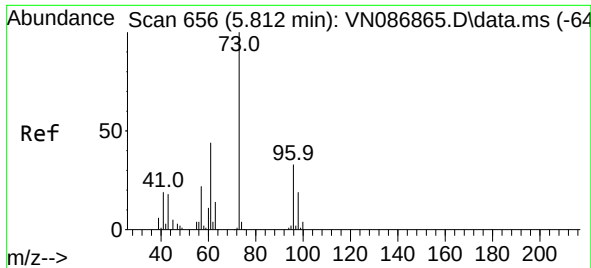
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#18
Methyl Acetate
Concen: 51.551 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

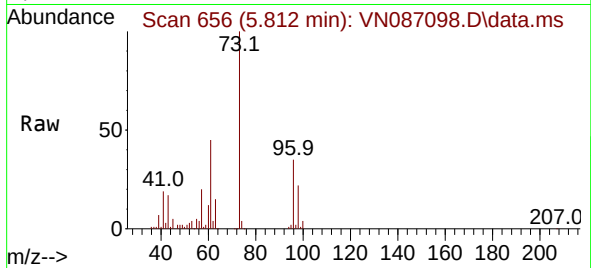
Tgt Ion: 43 Resp: 201717
Ion Ratio Lower Upper
43 100
74 27.3 20.7 31.1





#19
Methyl tert-butyl Ether
Concen: 51.259 ug/l
RT: 5.812 min Scan# 656
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

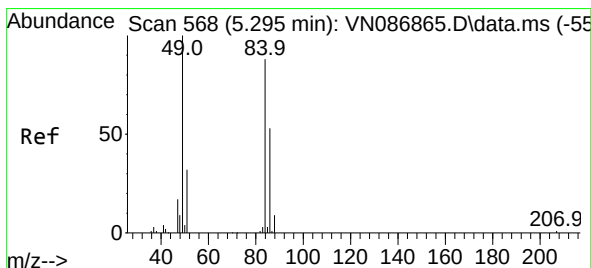
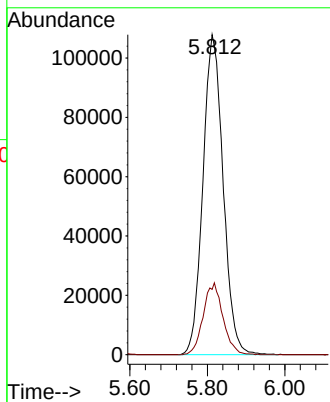
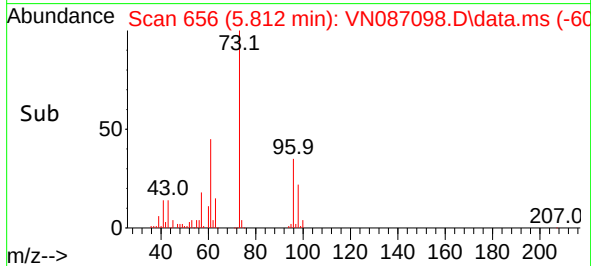
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 39065
Ion Ratio Lower Upper
73 100
57 20.4 17.4 26.2

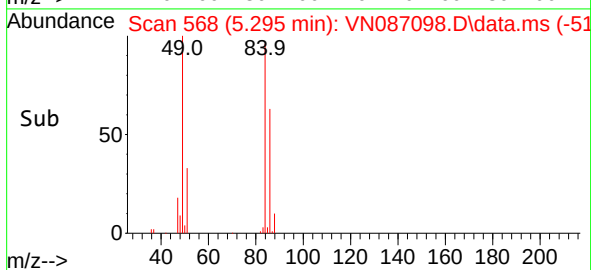
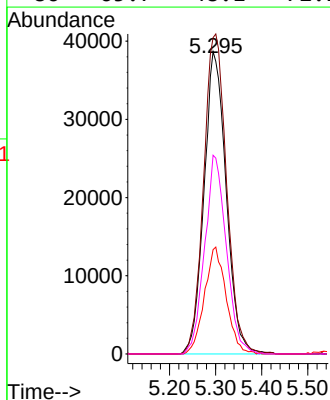
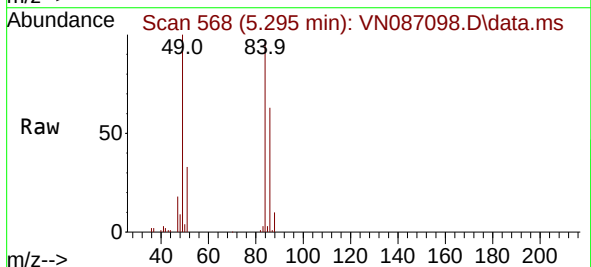
Manual Integrations
APPROVED

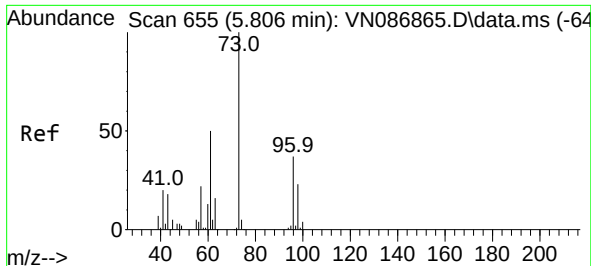
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#20
Methylene Chloride
Concen: 51.511 ug/l
RT: 5.295 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

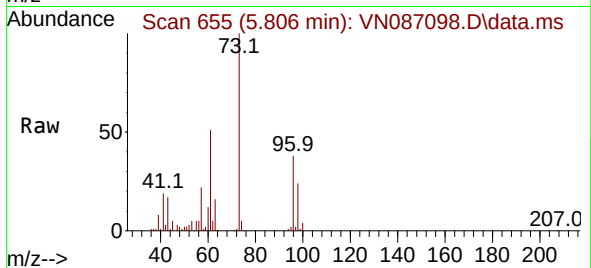
Tgt Ion: 84 Resp: 129490
Ion Ratio Lower Upper
84 100
49 104.6 90.5 135.7
51 34.5 28.5 42.7
86 65.7 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 52.348 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

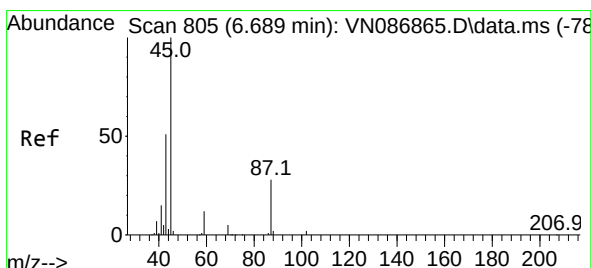
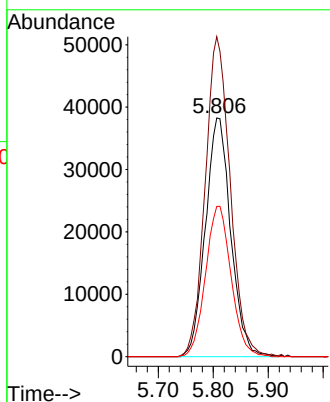
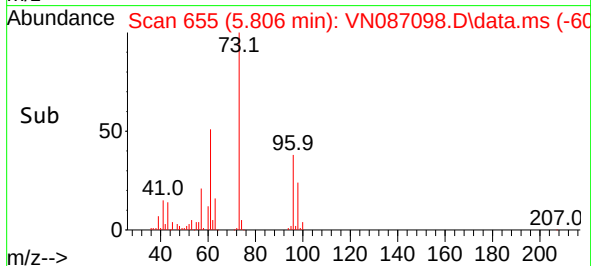
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 122590
Ion Ratio Lower Upper
96 100
61 134.0 109.2 163.8
98 62.9 49.8 74.8

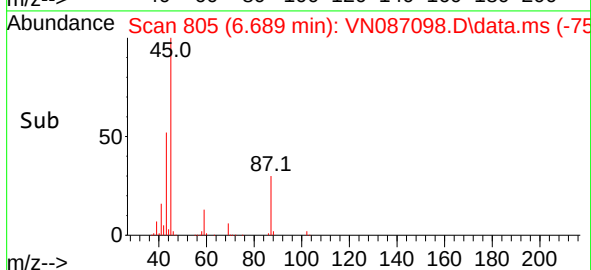
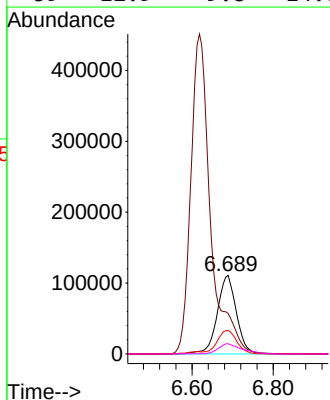
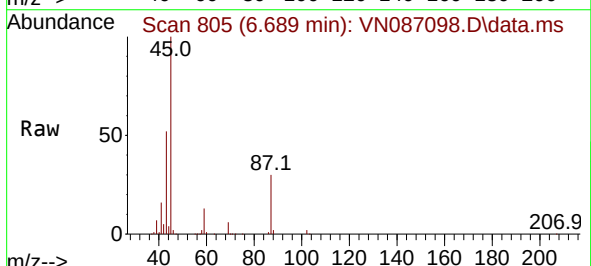
Manual Integrations
APPROVED

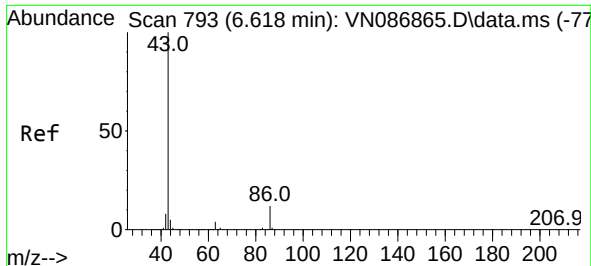
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#22
Diisopropyl ether
Concen: 49.286 ug/l
RT: 6.689 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

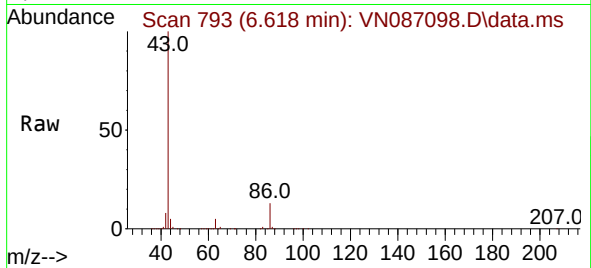
Tgt Ion: 45 Resp: 362665
Ion Ratio Lower Upper
45 100
43 50.9 41.9 62.9
87 30.0 22.4 33.6
59 12.9 9.8 14.6





#23
 Vinyl Acetate
 Concen: 244.793 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087098.D
 Acq: 18 Jun 2025 19:42

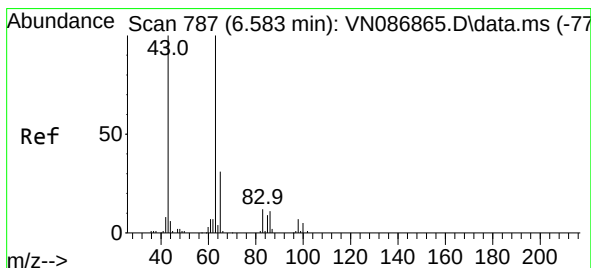
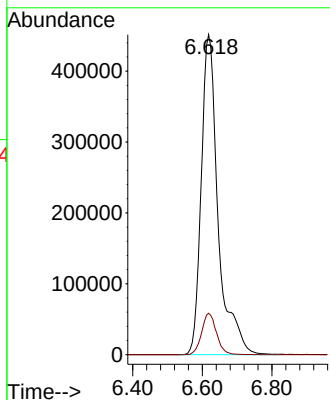
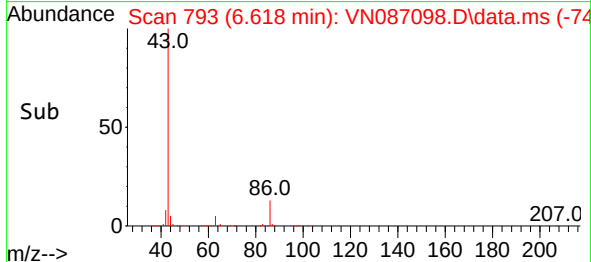
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 1521870
 Ion Ratio Lower Upper
 43 100
 86 13.0 9.5 14.3

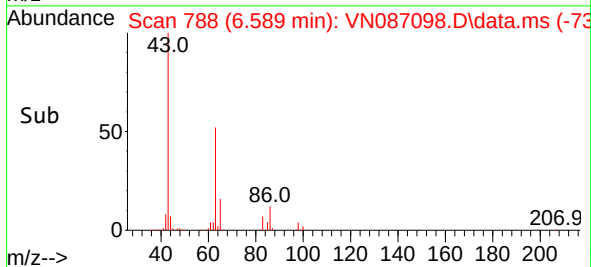
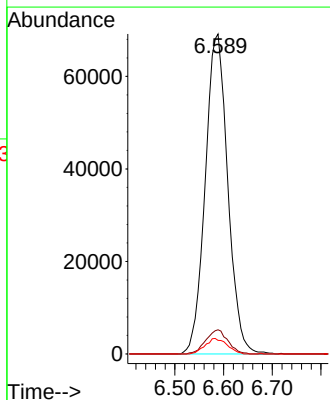
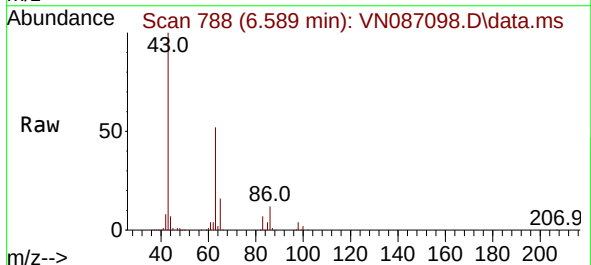
Manual Integrations
 APPROVED

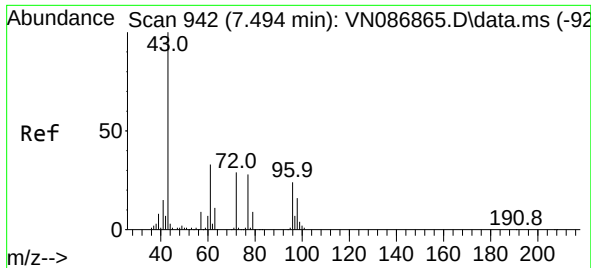
Reviewed By :John Carlone 06/19/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#24
 1,1-Dichloroethane
 Concen: 52.469 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN087098.D
 Acq: 18 Jun 2025 19:42

Tgt Ion: 63 Resp: 222185
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 4.3 2.6 7.8





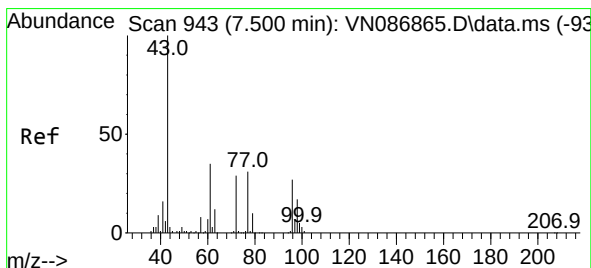
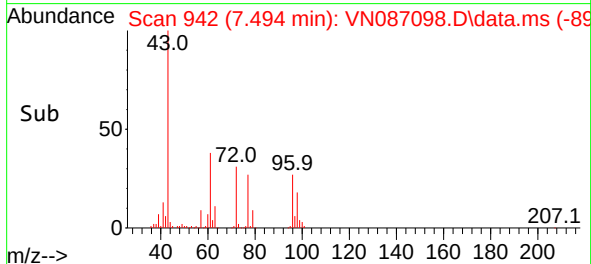
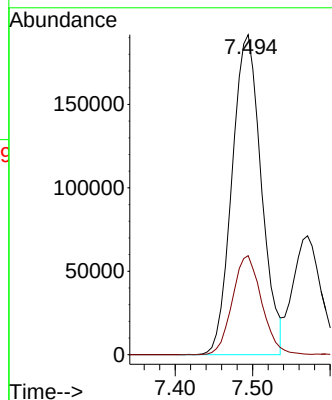
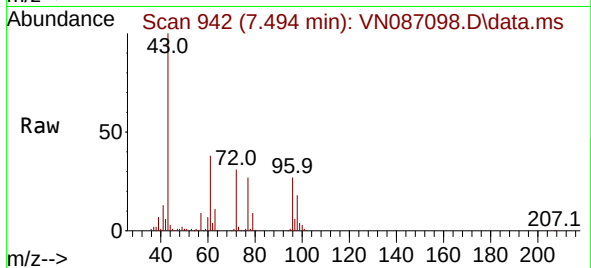
#25
2-Butanone
Concen: 231.377 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 504990
Ion Ratio Lower Upper
43 100
72 31.0 23.0 34.6

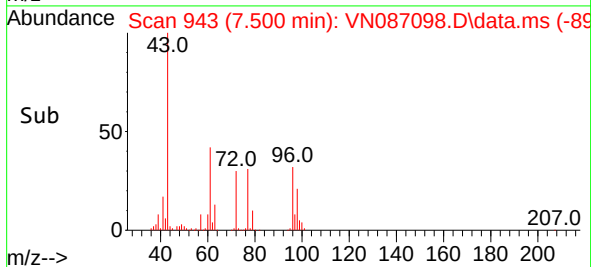
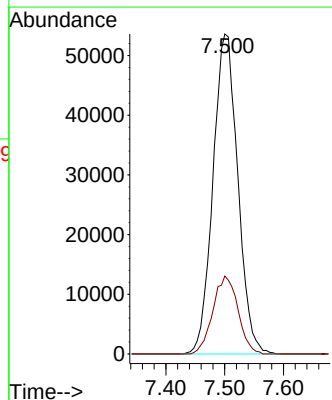
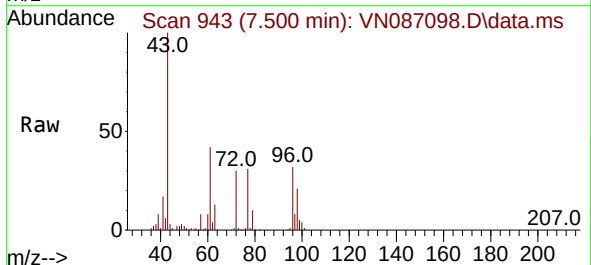
Manual Integrations
APPROVED

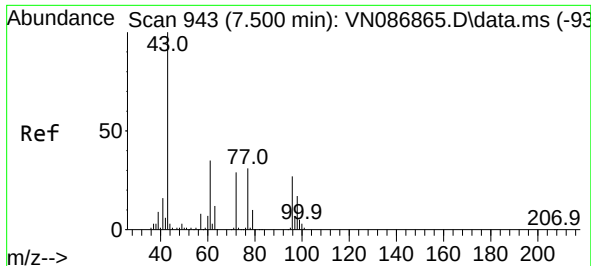
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#26
2,2-Dichloropropane
Concen: 47.682 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

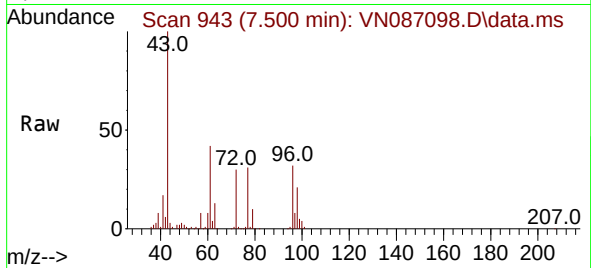
Tgt Ion: 77 Resp: 157062
Ion Ratio Lower Upper
77 100
97 24.6 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 52.800 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN087098.D
 Acq: 18 Jun 2025 19:42

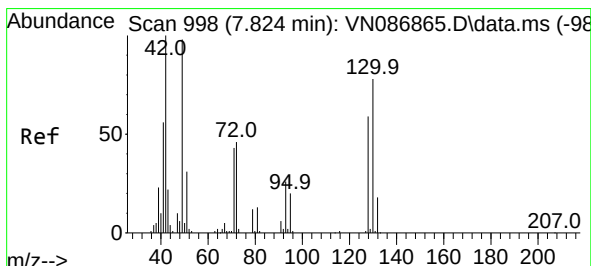
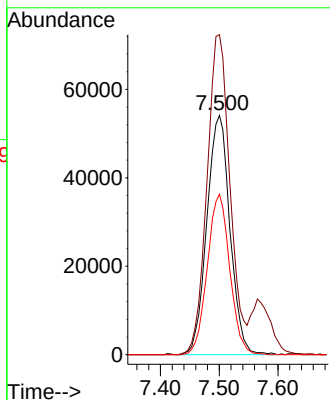
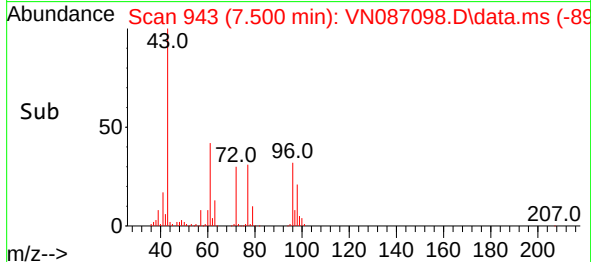
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 14787
 Ion Ratio Lower Upper
 96 100
 61 133.3 0.0 278.0
 98 65.0 0.0 128.2

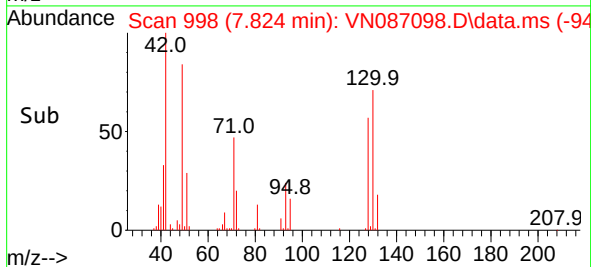
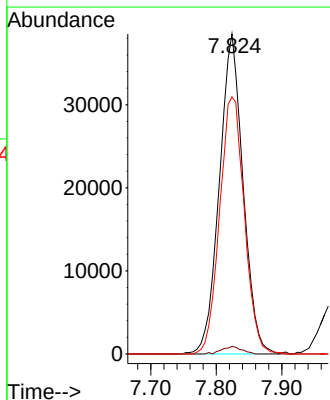
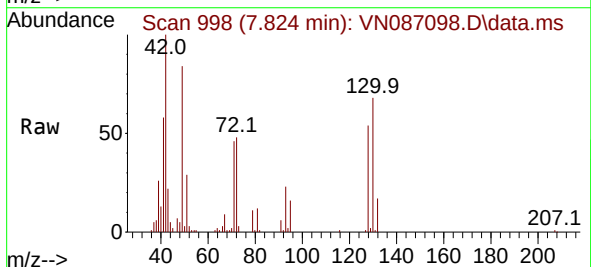
Manual Integrations
 APPROVED

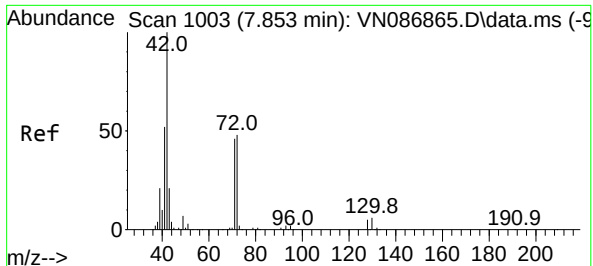
Reviewed By :John Carlone 06/19/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#28
 Bromochloromethane
 Concen: 46.356 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087098.D
 Acq: 18 Jun 2025 19:42

Tgt Ion: 49 Resp: 96515
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 83.7 62.2 93.2





#29

Tetrahydrofuran

Concen: 235.230 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN087098.D

Acq: 18 Jun 2025 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 33444

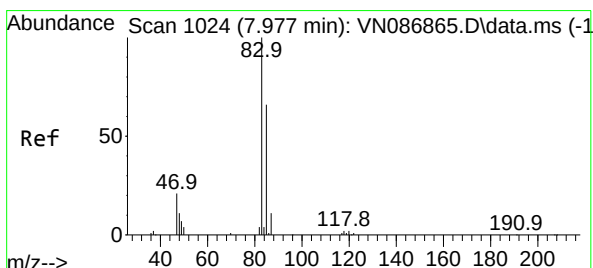
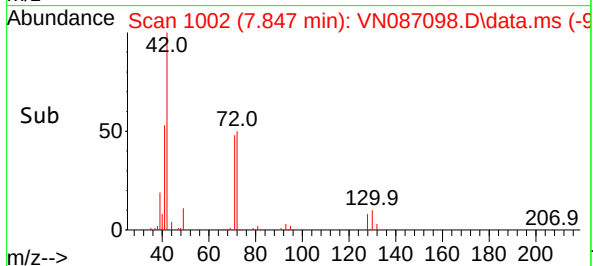
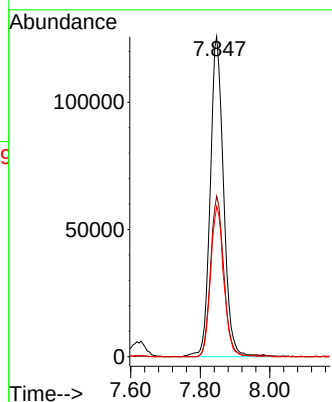
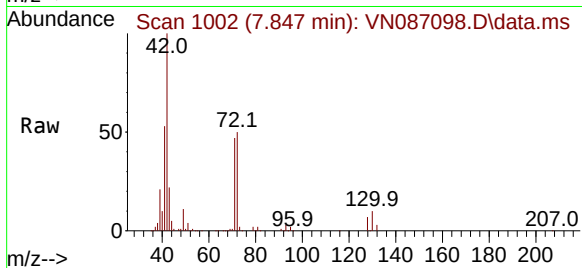
Ion	Ratio	Lower	Upper
42	100		
72	50.0	37.8	56.6
71	46.4	35.6	53.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2025

Supervised By :Mahesh Dadoda 06/21/2025



#30

Chloroform

Concen: 51.995 ug/l

RT: 7.977 min Scan# 1024

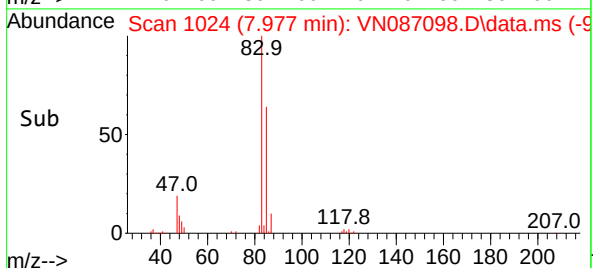
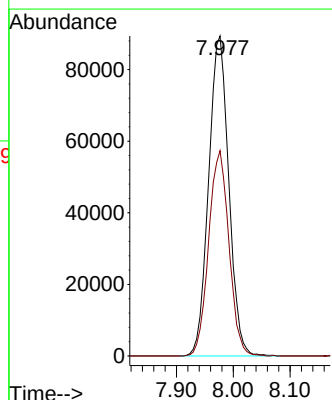
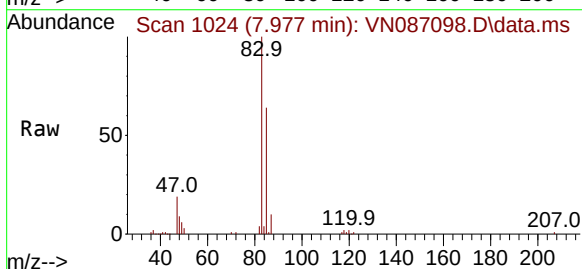
Delta R.T. -0.000 min

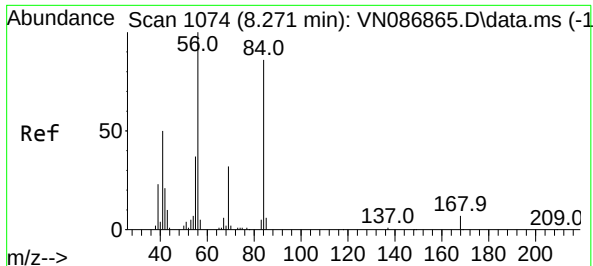
Lab File: VN087098.D

Acq: 18 Jun 2025 19:42

Tgt Ion: 83 Resp: 219880

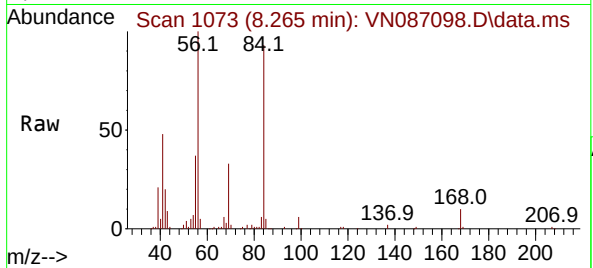
Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.9	79.3





#31
Cyclohexane
Concen: 47.532 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

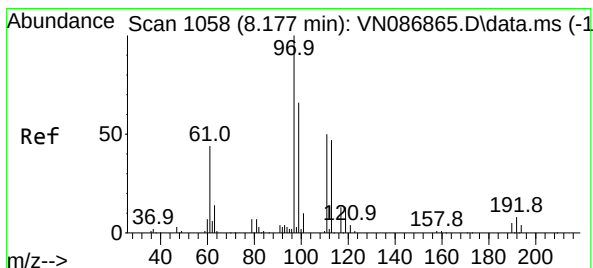
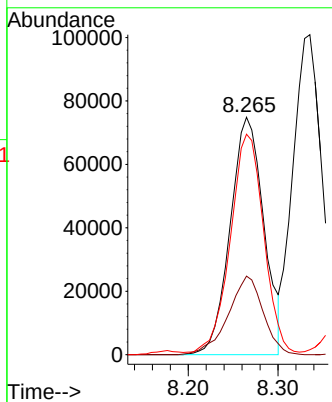
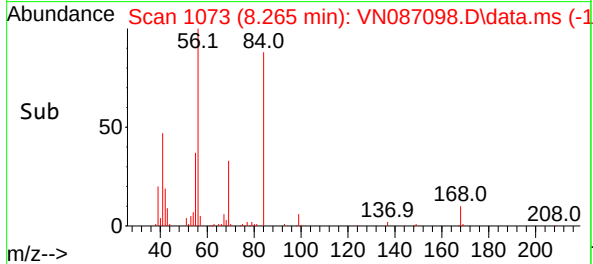
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 19519
Ion Ratio Lower Upper
56 100
69 33.1 25.4 38.0
84 91.7 68.8 103.2

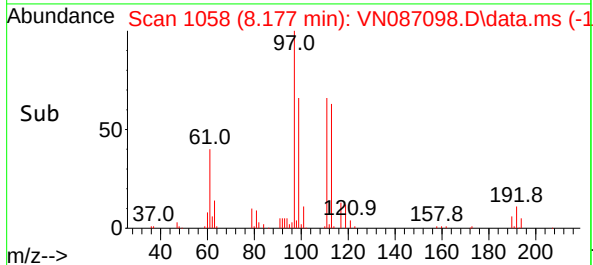
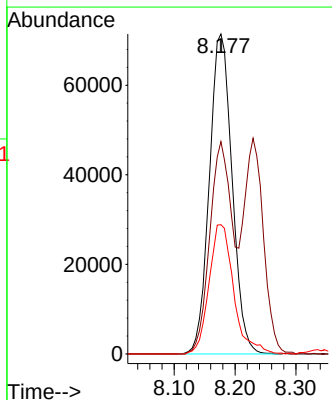
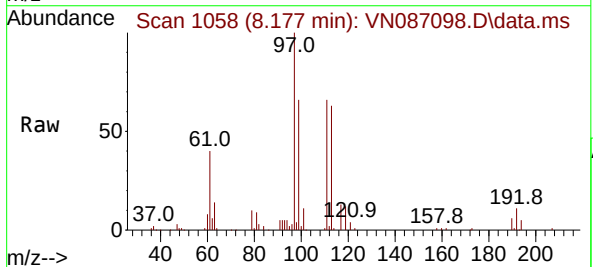
Manual Integrations
APPROVED

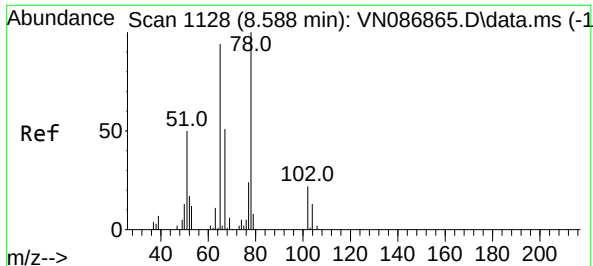
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#32
1,1,1-Trichloroethane
Concen: 51.545 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

Tgt Ion: 97 Resp: 185396
Ion Ratio Lower Upper
97 100
99 67.3 52.0 78.0
61 43.9 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 51.308 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN087098.D

Acq: 18 Jun 2025 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 12991

Ion Ratio Lower Upper

65 100

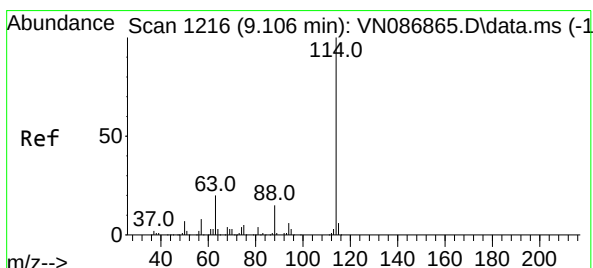
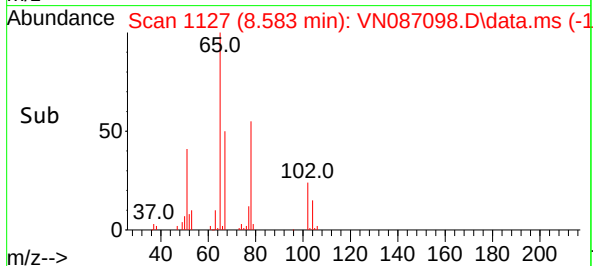
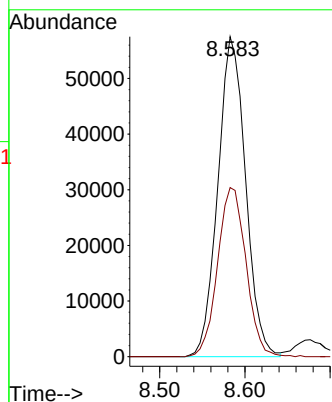
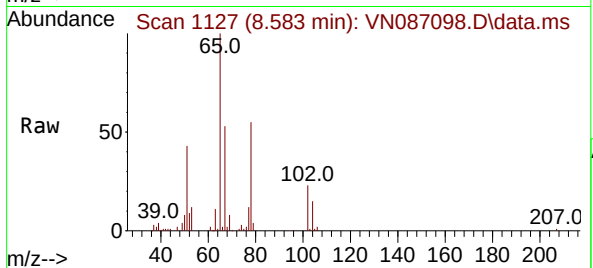
67 54.2 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2025

Supervised By :Mahesh Dadoda 06/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087098.D

Acq: 18 Jun 2025 19:42

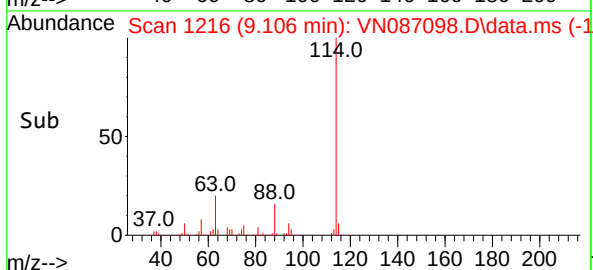
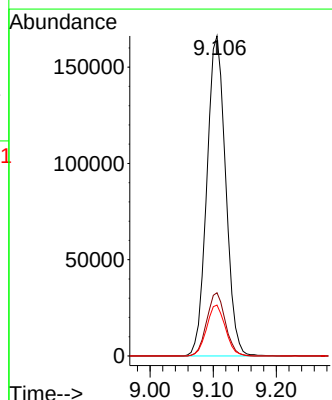
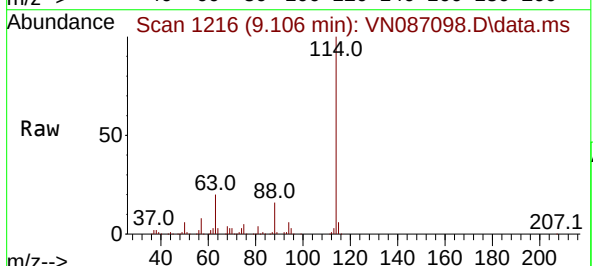
Tgt Ion:114 Resp: 343303

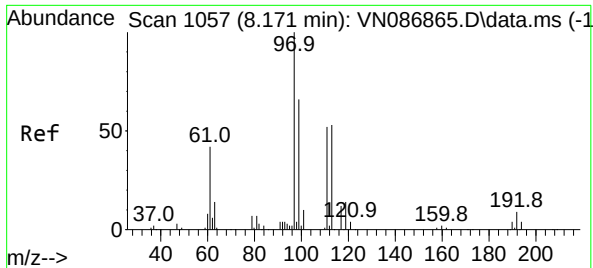
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

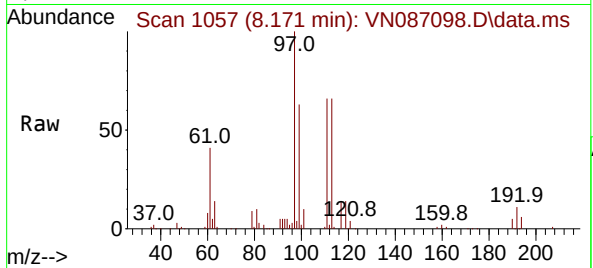
88 15.9 0.0 30.2





#35
Dibromofluoromethane
Concen: 55.912 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

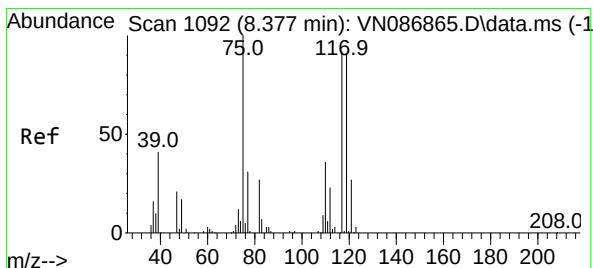
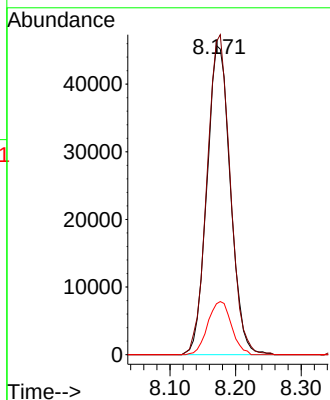
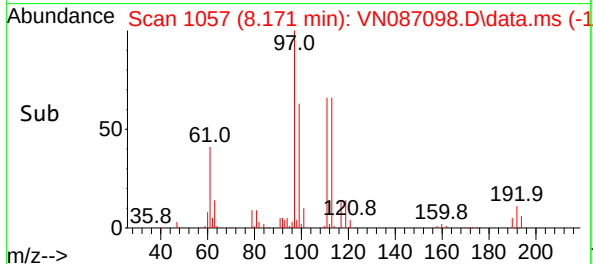
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 11375
Ion Ratio Lower Upper
113 100
111 102.1 84.2 126.2
192 17.3 14.2 21.4

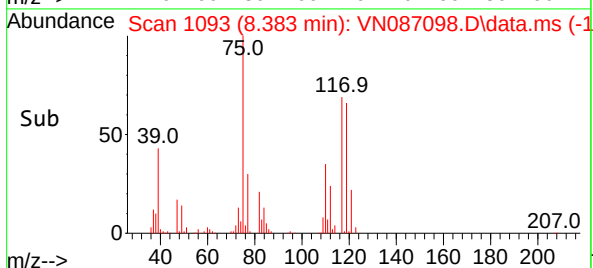
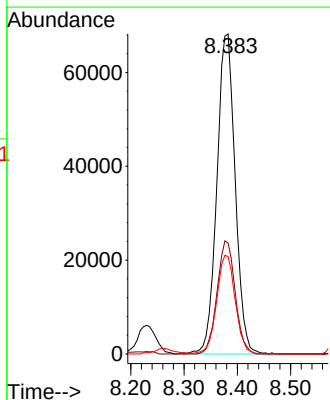
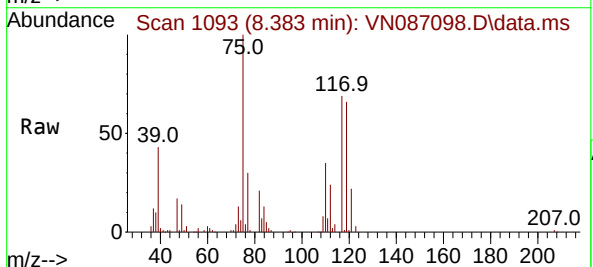
Manual Integrations
APPROVED

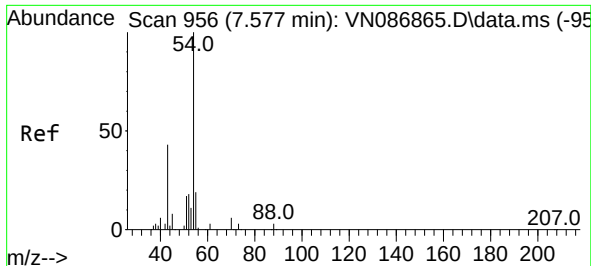
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#36
1,1-Dichloropropene
Concen: 53.726 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

Tgt Ion: 75 Resp: 162876
Ion Ratio Lower Upper
75 100
110 34.9 17.6 52.9
77 31.2 25.3 37.9





#37

Ethyl Acetate

Concen: 48.515 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN087098.D

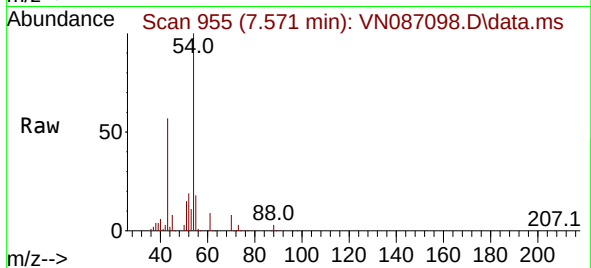
Acq: 18 Jun 2025 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



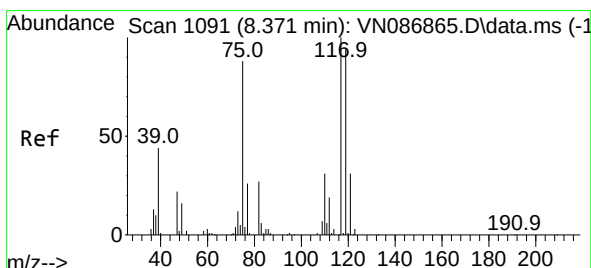
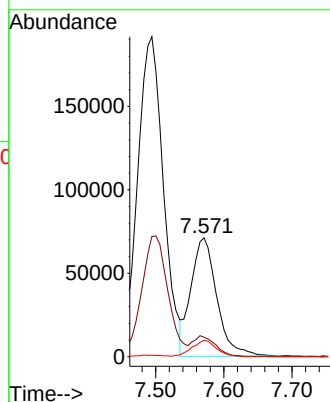
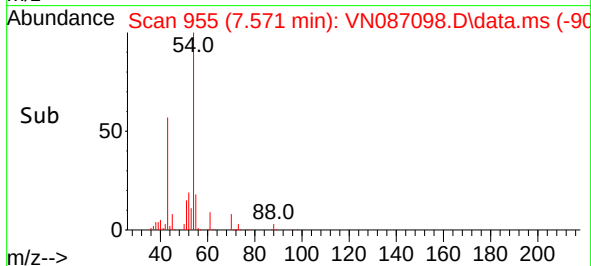
Tgt Ion:	43	Resp:	18723
Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.1	18.1
70	13.0	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2025

Supervised By :Mahesh Dadoda 06/21/2025



#38

Carbon Tetrachloride

Concen: 53.568 ug/l

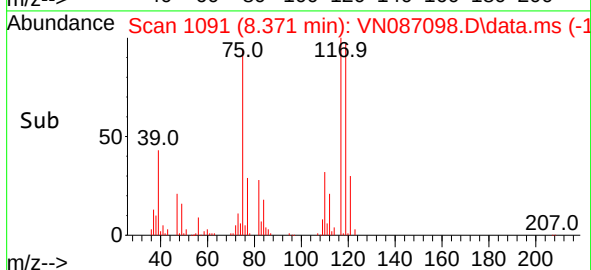
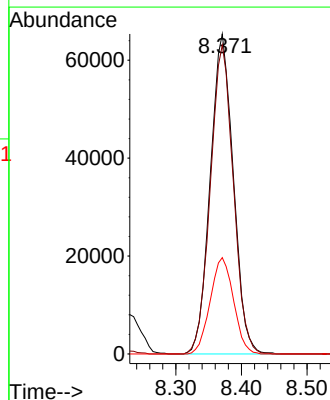
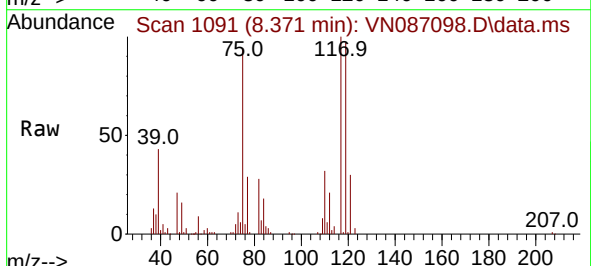
RT: 8.371 min Scan# 1091

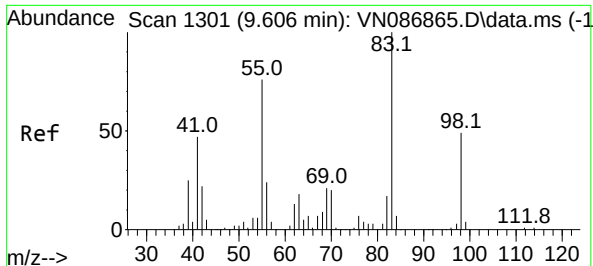
Delta R.T. -0.000 min

Lab File: VN087098.D

Acq: 18 Jun 2025 19:42

Tgt Ion:	117	Resp:	159437
Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.0	112.6
121	30.1	24.9	37.3





#39

Methylcyclohexane

Concen: 44.790 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN087098.D

Acq: 18 Jun 2025 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 186032

Ion Ratio Lower Upper

83 100

55 71.5 61.0 91.6

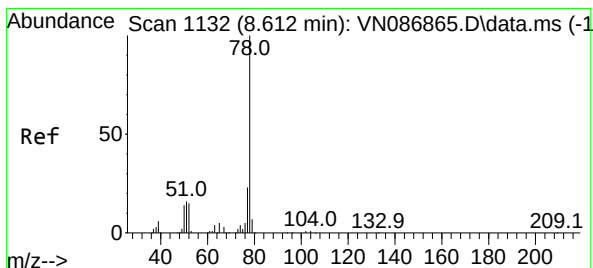
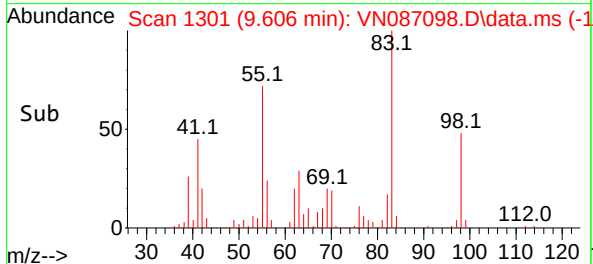
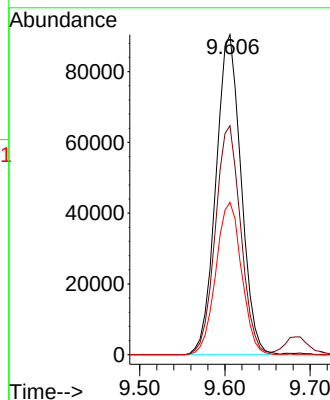
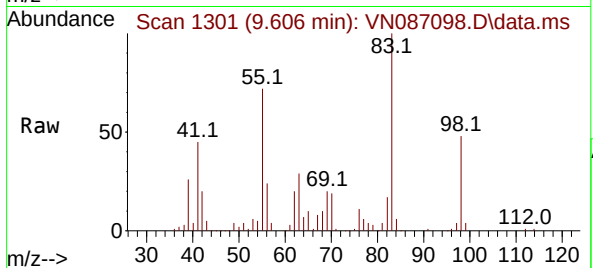
98 47.6 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2025

Supervised By :Mahesh Dadoda 06/21/2025



#40

Benzene

Concen: 52.225 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN087098.D

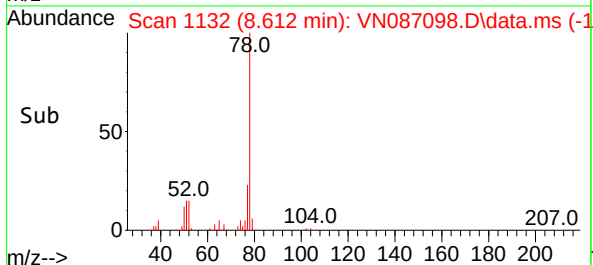
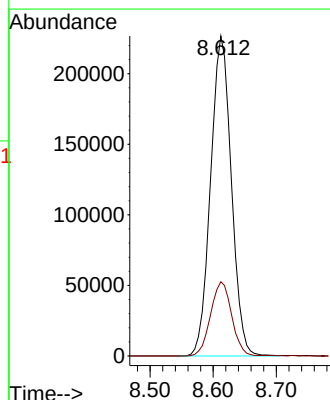
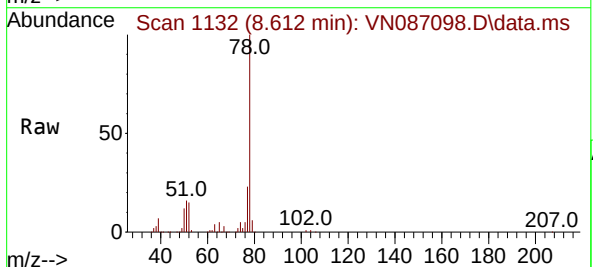
Acq: 18 Jun 2025 19:42

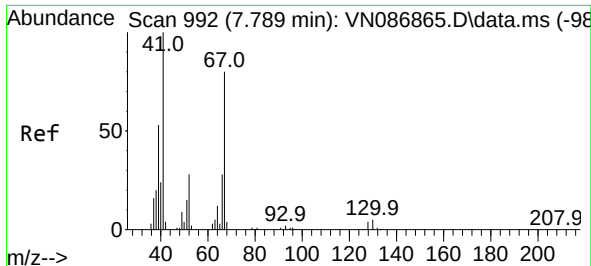
Tgt Ion: 78 Resp: 517732

Ion Ratio Lower Upper

78 100

77 23.2 18.7 28.1





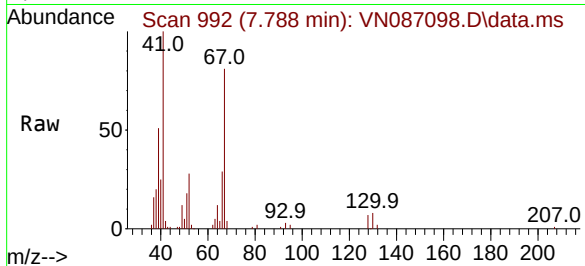
#41
Methacrylonitrile
Concen: 45.981 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



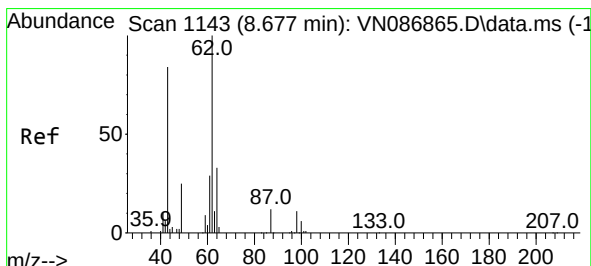
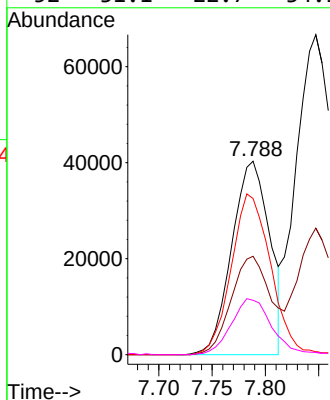
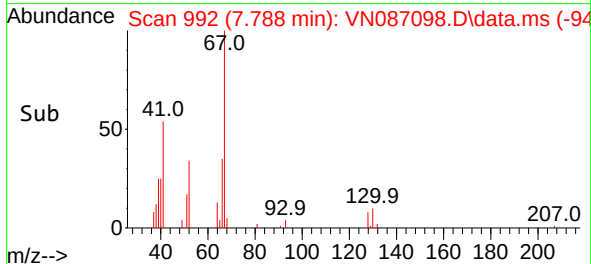
Tgt Ion:	41	Resp:	9965
Ion Ratio	100	Lower	Upper
39	54.7	41.2	61.8
67	87.0	61.4	92.2
52	31.1	22.7	34.1

Manual Integrations

APPROVED

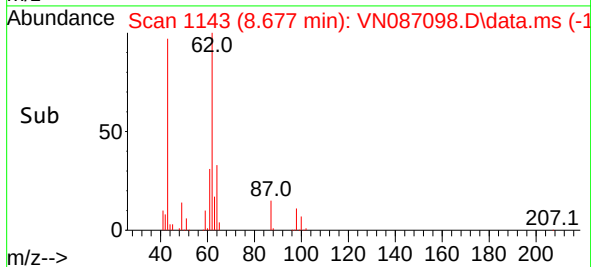
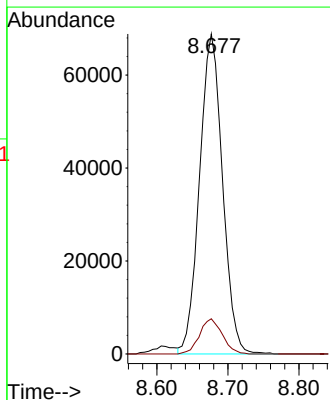
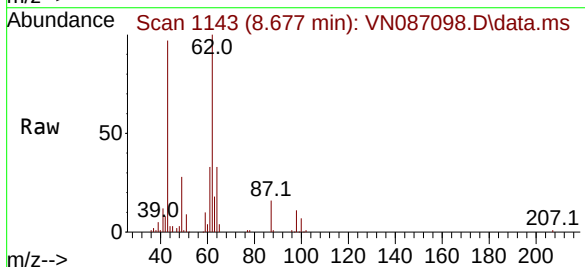
Reviewed By :John Carlone 06/19/2025

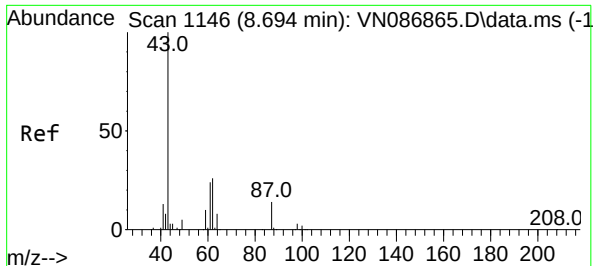
Supervised By :Mahesh Dadoda 06/21/2025



#42
1,2-Dichloroethane
Concen: 51.533 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

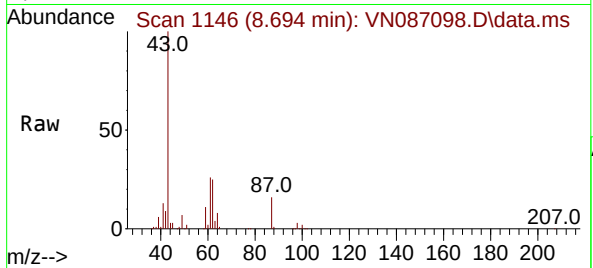
Tgt Ion:	62	Resp:	154951
Ion Ratio	100	Lower	Upper
98	10.9	0.0	21.2





#43
Isopropyl Acetate
Concen: 46.481 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

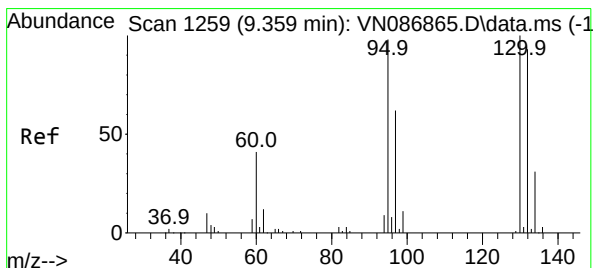
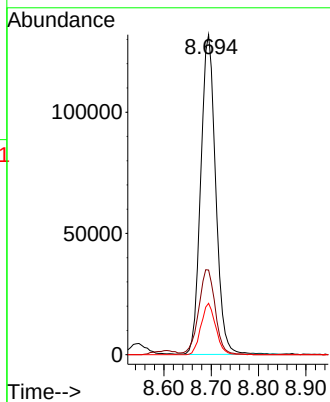
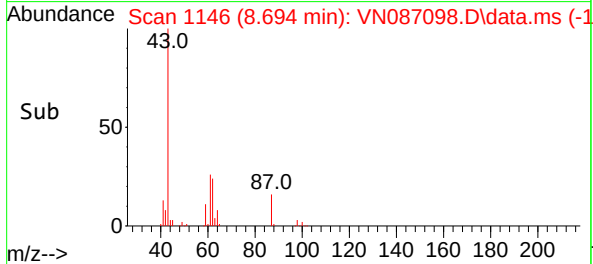
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 28790
Ion Ratio Lower Upper
43 100
61 29.6 22.1 33.1
87 16.0 11.8 17.6

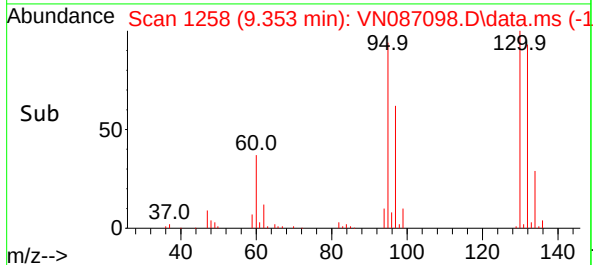
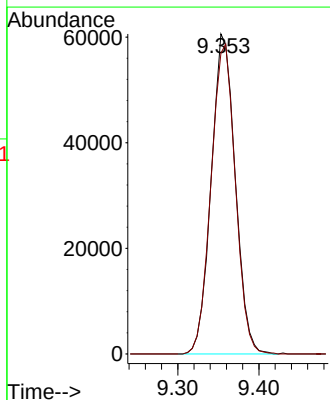
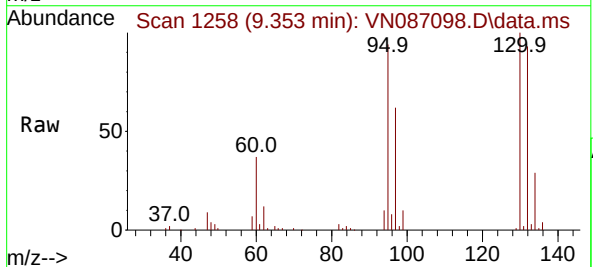
Manual Integrations
APPROVED

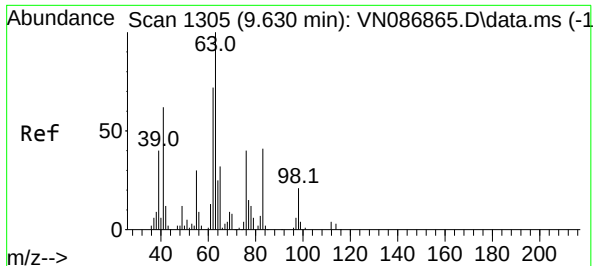
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#44
Trichloroethene
Concen: 52.982 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

Tgt Ion:130 Resp: 124543
Ion Ratio Lower Upper
130 100
95 94.0 0.0 196.2





#45

1,2-Dichloropropane

Concen: 51.954 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN087098.D

Acq: 18 Jun 2025 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 125302

Ion Ratio Lower Upper

63 100

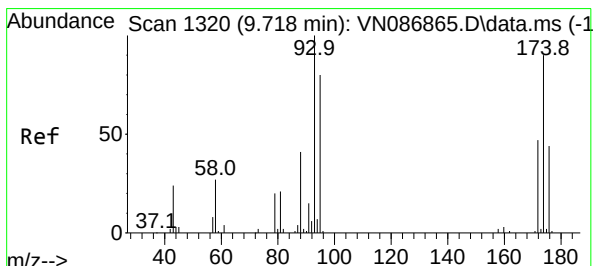
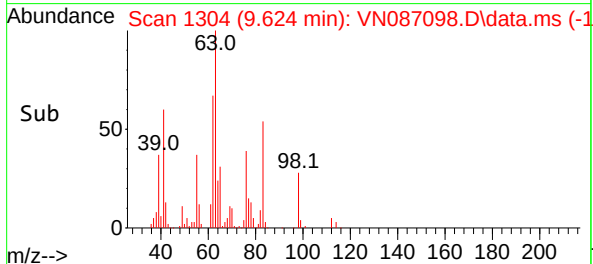
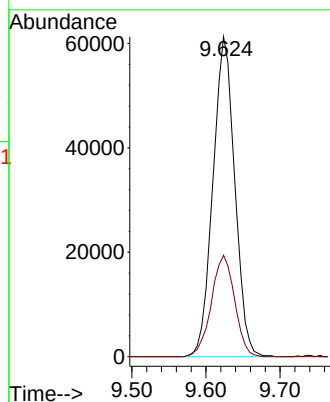
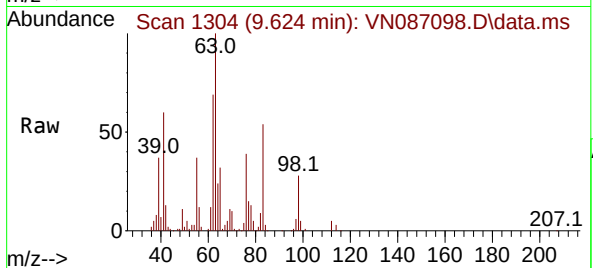
65 31.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2025

Supervised By :Mahesh Dadoda 06/21/2025



#46

Dibromomethane

Concen: 53.963 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087098.D

Acq: 18 Jun 2025 19:42

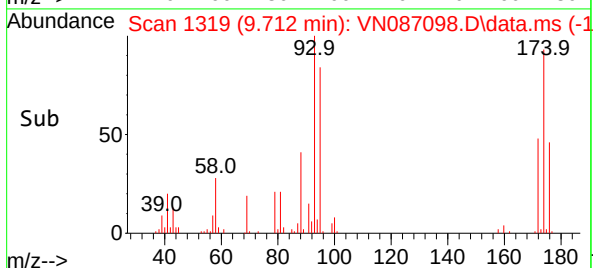
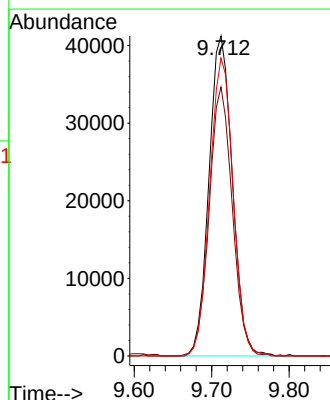
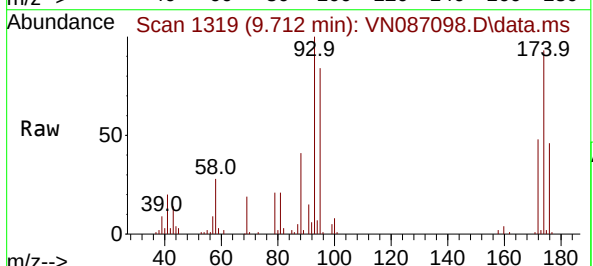
Tgt Ion: 93 Resp: 86447

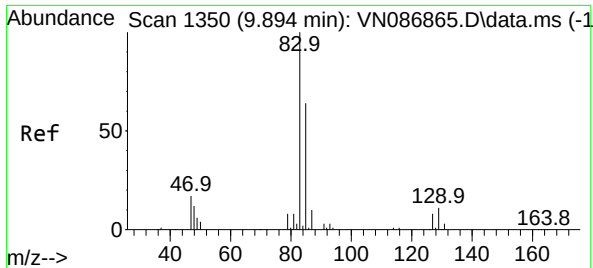
Ion Ratio Lower Upper

93 100

95 83.1 67.1 100.7

174 93.2 74.2 111.4





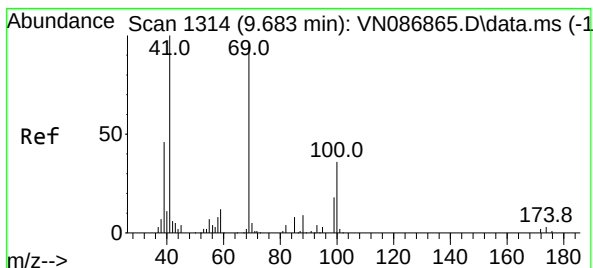
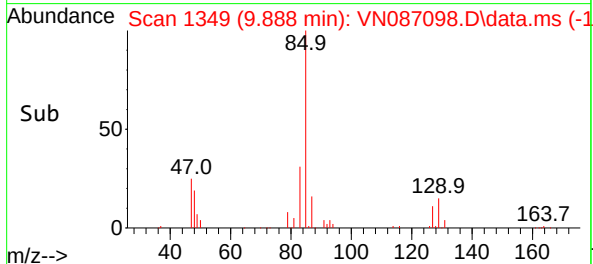
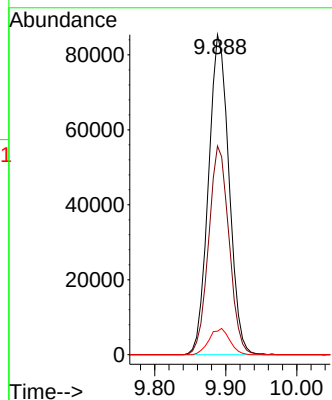
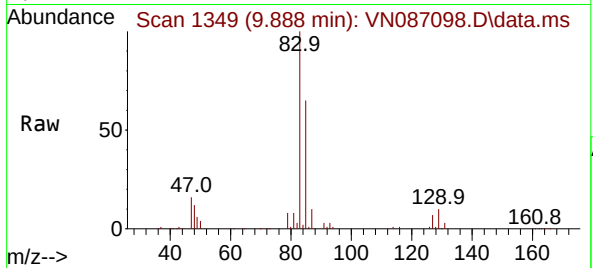
#47
Bromodichloromethane
Concen: 51.947 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 171210
Ion Ratio Lower Upper
83 100
85 65.2 50.9 76.3
127 7.4 6.6 10.0

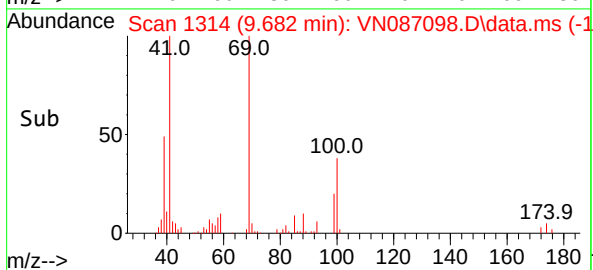
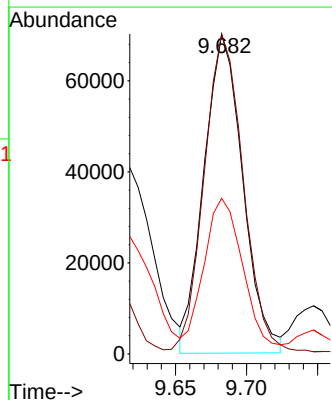
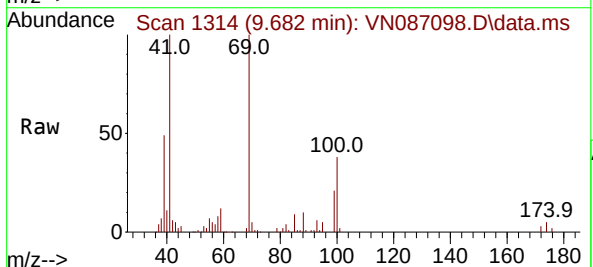
Manual Integrations
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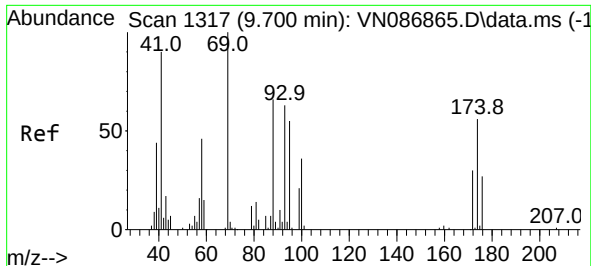
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#48
Methyl methacrylate
Concen: 46.733 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

Tgt Ion: 41 Resp: 133232
Ion Ratio Lower Upper
41 100
69 102.8 74.6 112.0
39 49.9 40.2 60.4





#49

1,4-Dioxane

Concen: 996.635 ug/l

RT: 9.706 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN087098.D

Acq: 18 Jun 2025 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

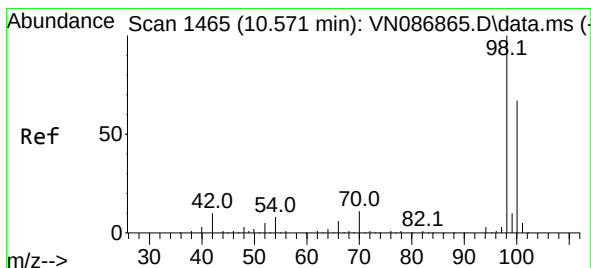
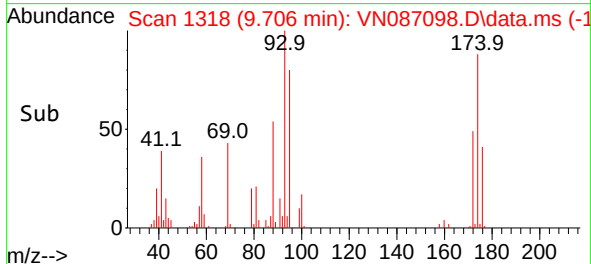
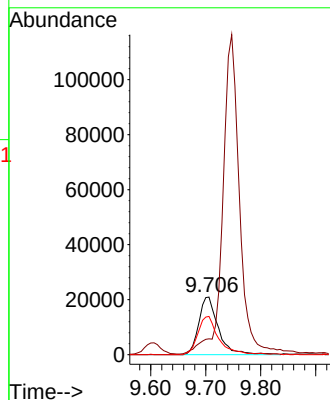
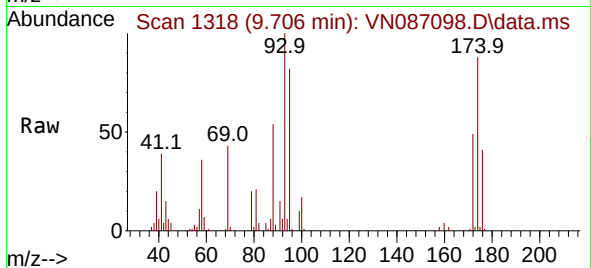
Tgt Ion: 88 Resp: 51690
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 69.9 57.7 86.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2025

Supervised By :Mahesh Dadoda 06/21/2025



#50

Toluene-d8

Concen: 51.677 ug/l

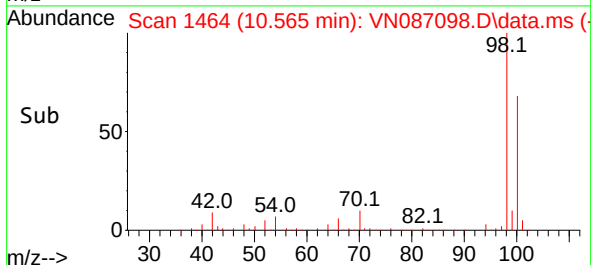
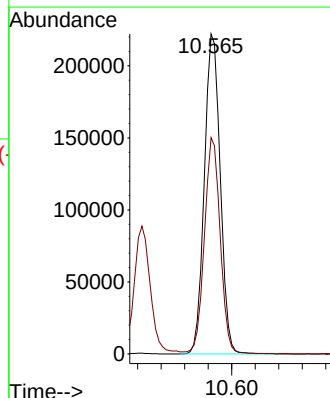
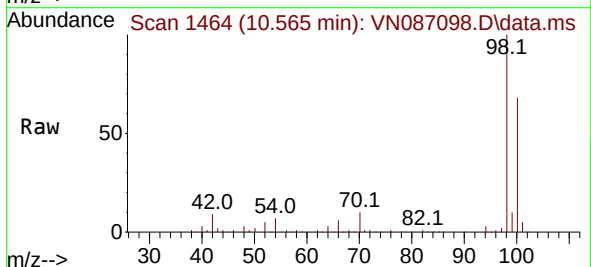
RT: 10.565 min Scan# 1464

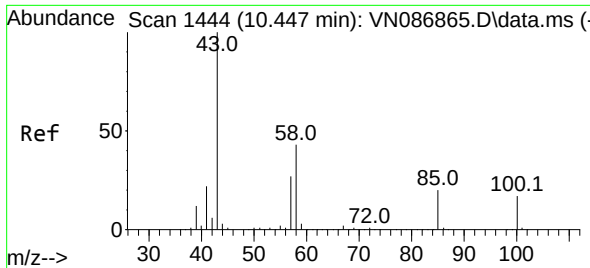
Delta R.T. -0.006 min

Lab File: VN087098.D

Acq: 18 Jun 2025 19:42

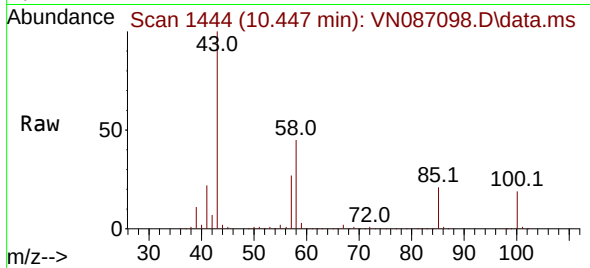
Tgt Ion: 98 Resp: 416207
 Ion Ratio Lower Upper
 98 100
 100 67.4 53.4 80.0





#51
4-Methyl-2-Pentanone
Concen: 245.922 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

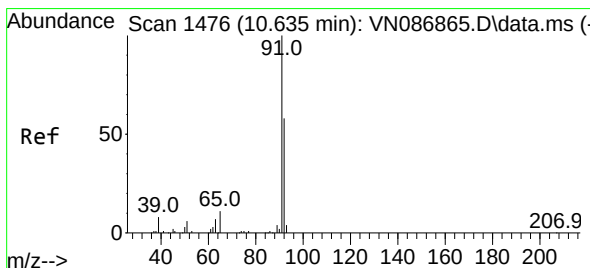
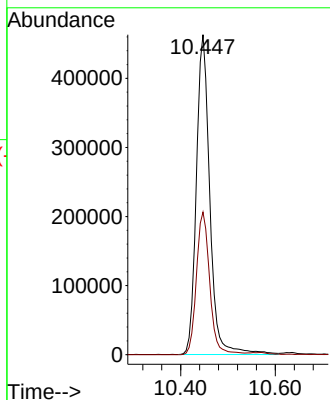
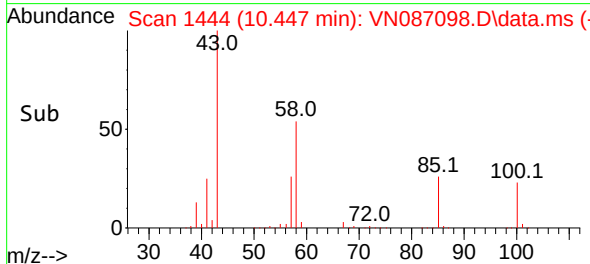
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



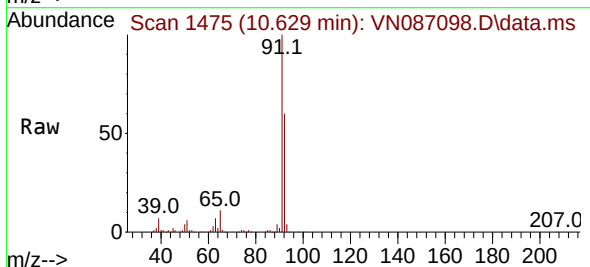
Tgt Ion: 43 Resp: 91701
Ion Ratio Lower Upper
43 100
58 44.0 34.2 51.4

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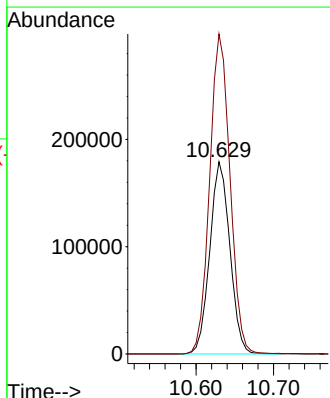
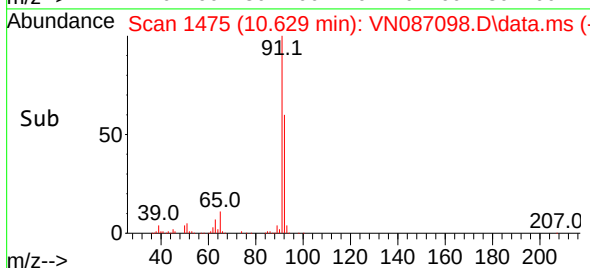
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

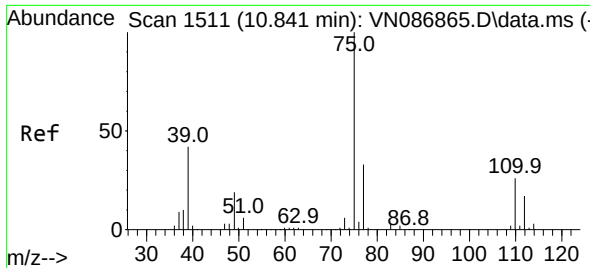


#52
Toluene
Concen: 53.238 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42



Tgt Ion: 92 Resp: 322535
Ion Ratio Lower Upper
92 100
91 168.8 136.5 204.7





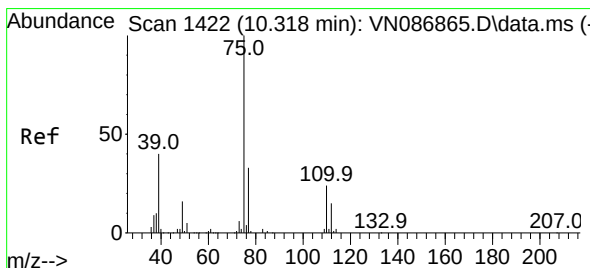
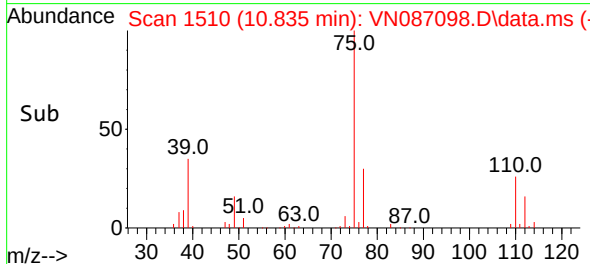
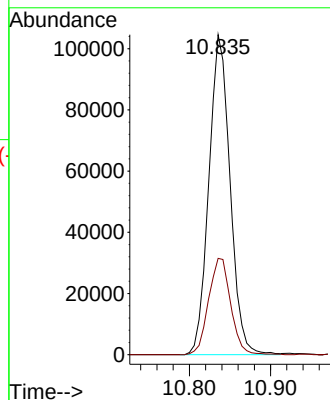
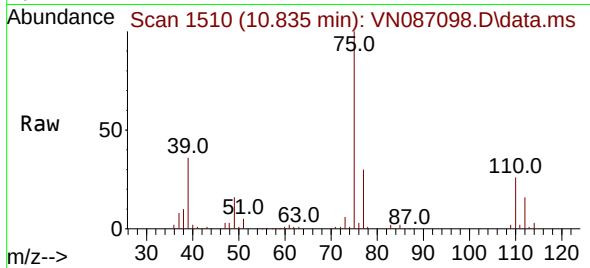
#53
t-1,3-Dichloropropene
Concen: 51.432 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 189550
Ion Ratio Lower Upper
75 100
77 30.1 26.4 39.6

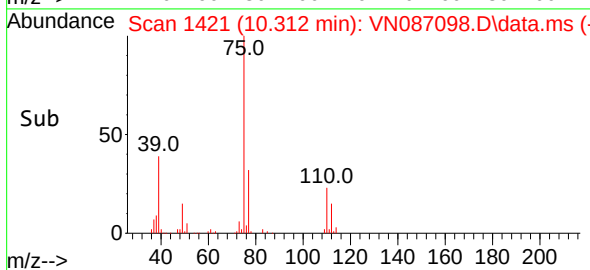
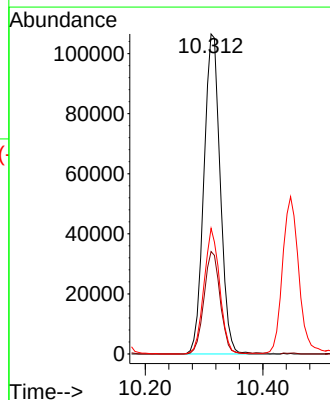
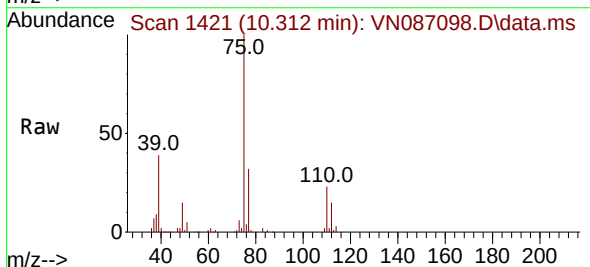
Manual Integrations
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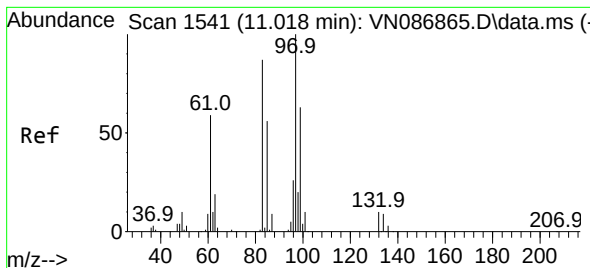
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#54
cis-1,3-Dichloropropene
Concen: 52.274 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

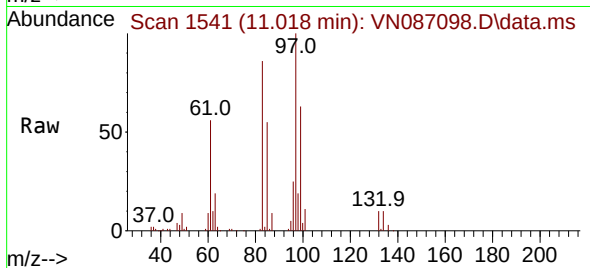
Tgt Ion: 75 Resp: 206140
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.4
39 39.2 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 52.632 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

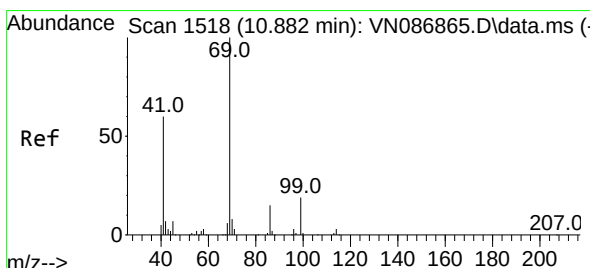
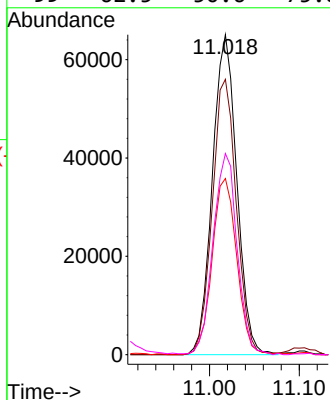
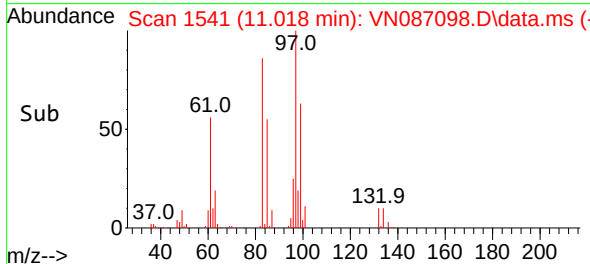
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



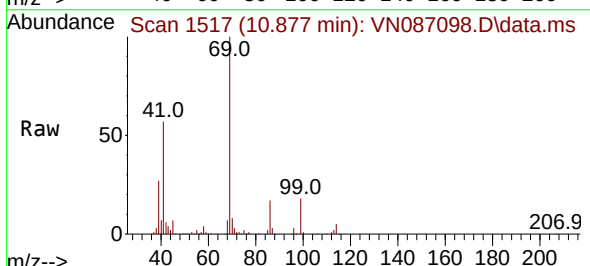
Tgt Ion: 97 Resp: 122692
Ion Ratio Lower Upper
97 100
83 86.0 69.7 104.5
85 55.0 45.1 67.7
99 62.5 50.6 75.8

Manual Integrations
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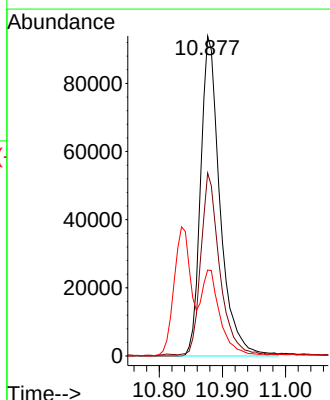
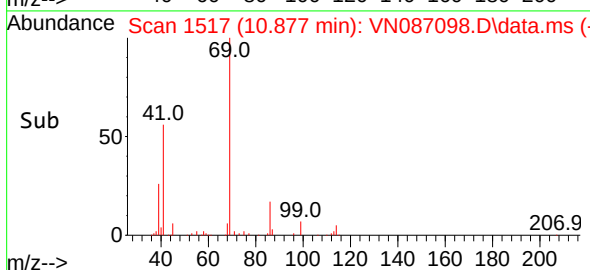
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

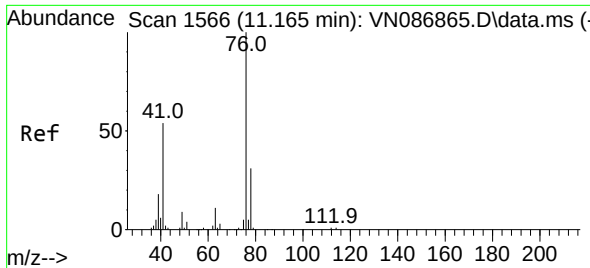


#56
Ethyl methacrylate
Concen: 53.942 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42



Tgt Ion: 69 Resp: 200286
Ion Ratio Lower Upper
69 100
41 54.8 47.2 70.8
39 25.4 23.0 34.6





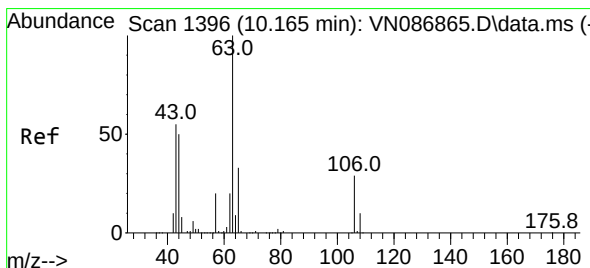
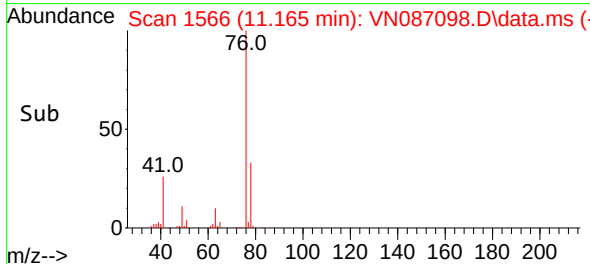
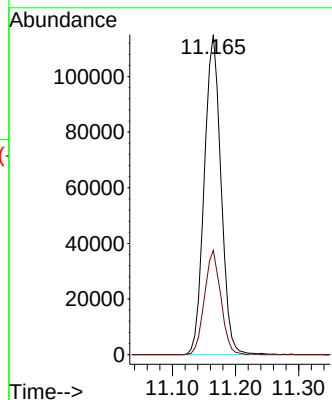
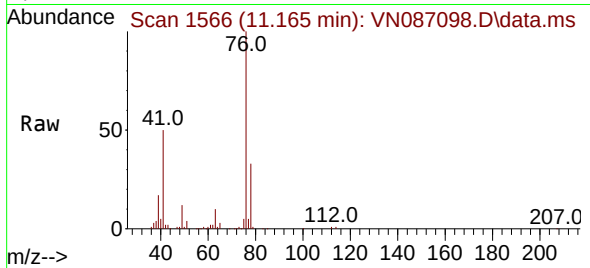
#57
1,3-Dichloropropane
Concen: 52.304 ug/l
RT: 11.165 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 21151
Ion Ratio Lower Upper
76 100
78 31.9 25.3 37.9

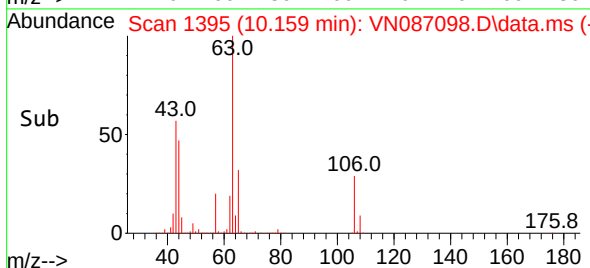
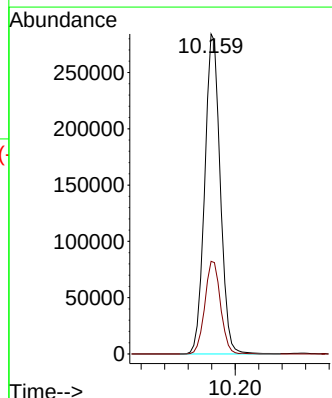
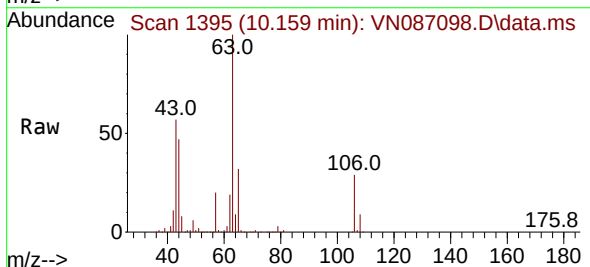
Manual Integrations
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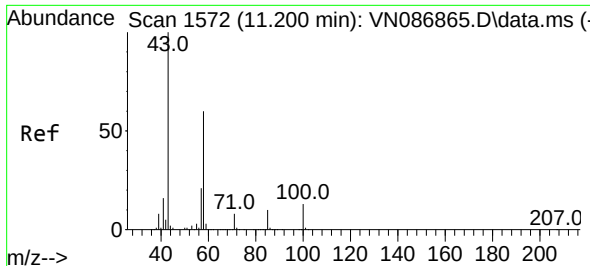
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#58
2-Chloroethyl Vinyl ether
Concen: 235.679 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

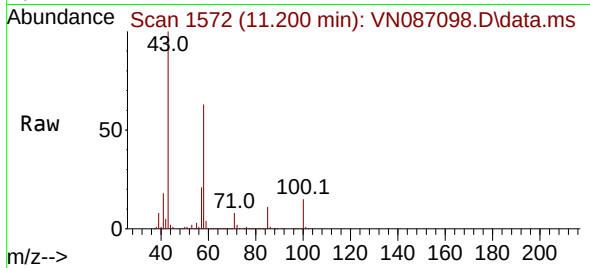
Tgt Ion: 63 Resp: 521933
Ion Ratio Lower Upper
63 100
106 29.3 23.0 34.6





#59
2-Hexanone
Concen: 255.969 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

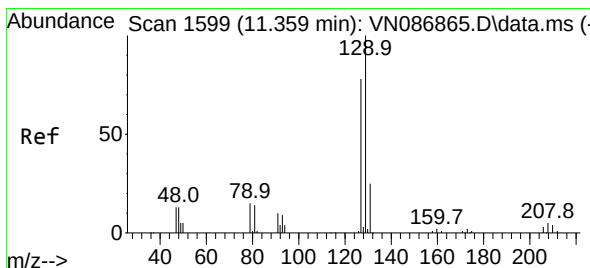
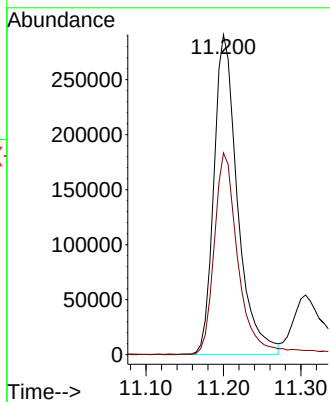
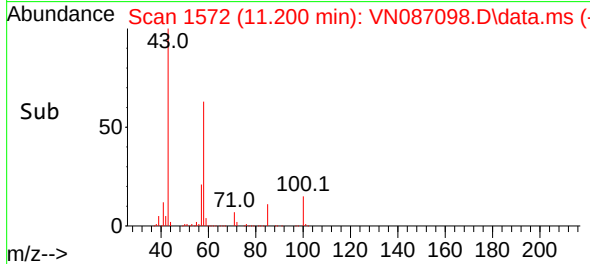
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



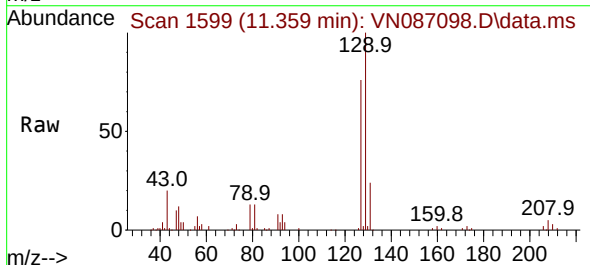
Tgt Ion: 43 Resp: 614814
Ion Ratio Lower Upper
43 100
58 66.1 30.4 91.3

Manual Integrations
APPROVED

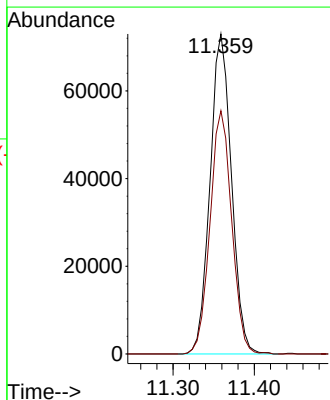
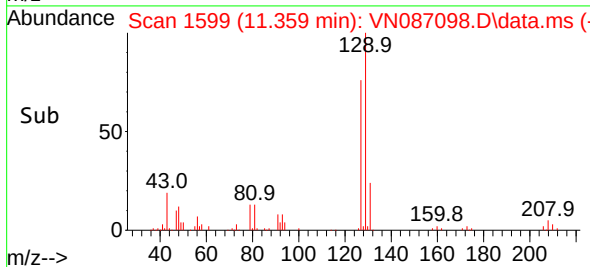
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

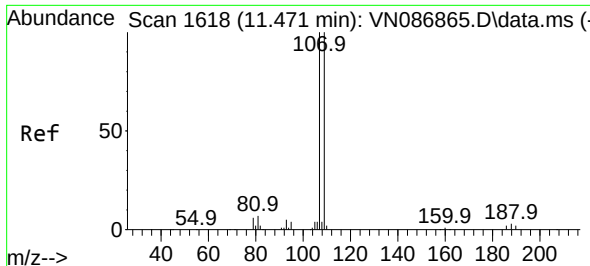


#60
Dibromochloromethane
Concen: 55.092 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42



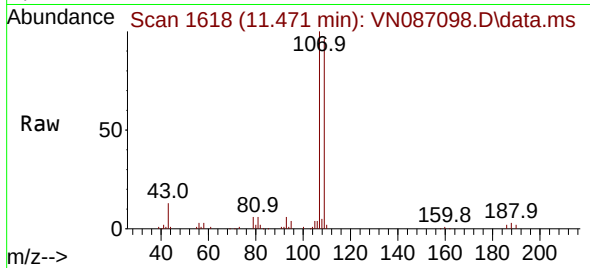
Tgt Ion:129 Resp: 133807
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.8





#61
1,2-Dibromoethane
Concen: 52.343 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

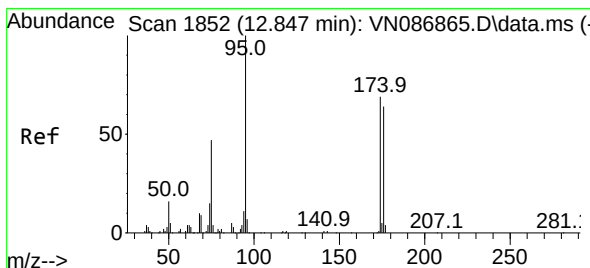
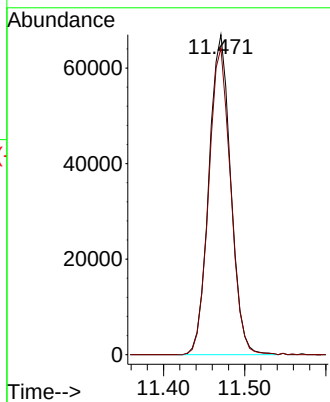
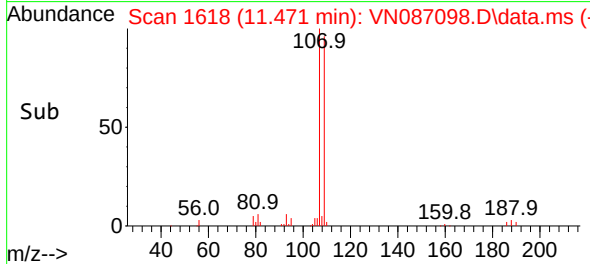
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



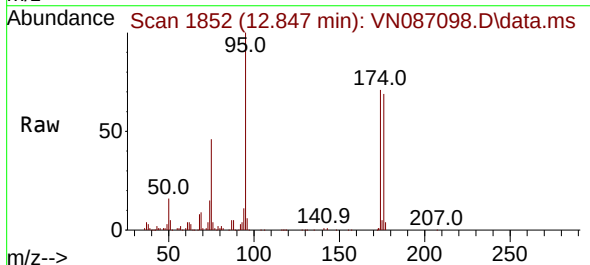
Tgt Ion:107 Resp: 125069
Ion Ratio Lower Upper
107 100
109 95.9 76.3 114.5

Manual Integrations
APPROVED

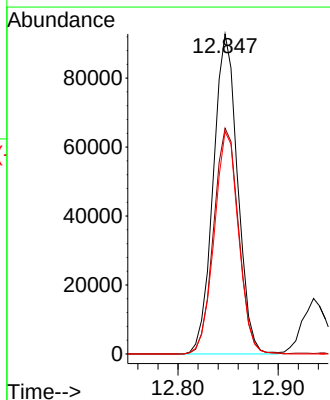
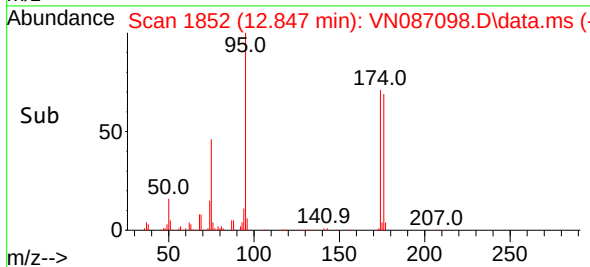
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

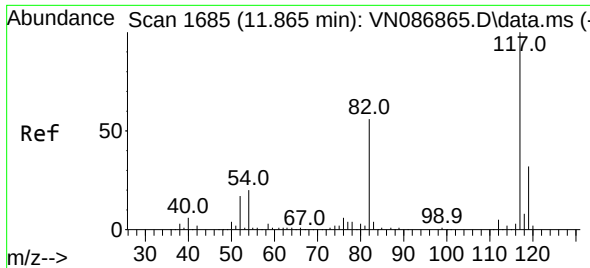


#62
4-Bromofluorobenzene
Concen: 52.246 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42



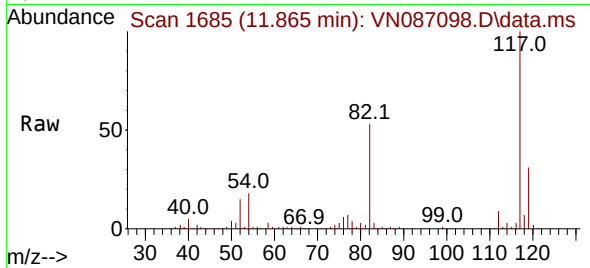
Tgt Ion: 95 Resp: 156337
Ion Ratio Lower Upper
95 100
174 72.3 0.0 141.8
176 69.5 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

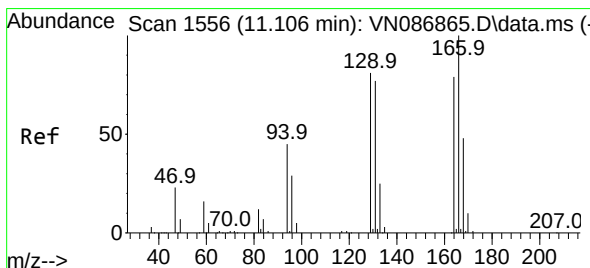
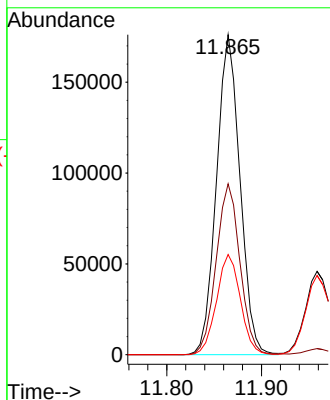
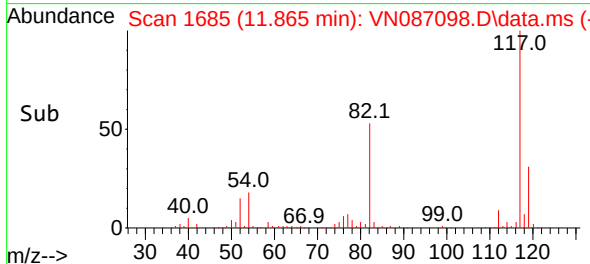
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



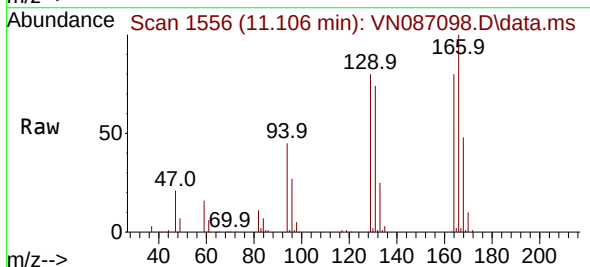
Tgt Ion:117 Resp: 303820
Ion Ratio Lower Upper
117 100
82 53.4 44.6 67.0
119 31.3 25.5 38.3

Manual Integrations
APPROVED

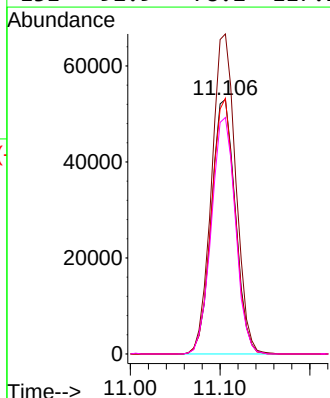
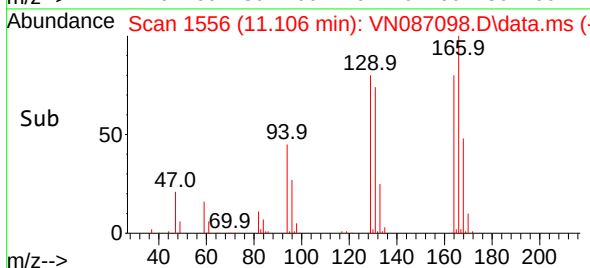
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

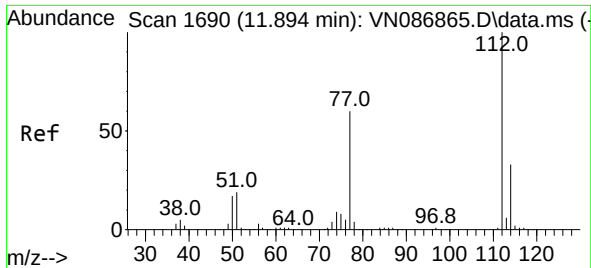


#64
Tetrachloroethene
Concen: 51.129 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42



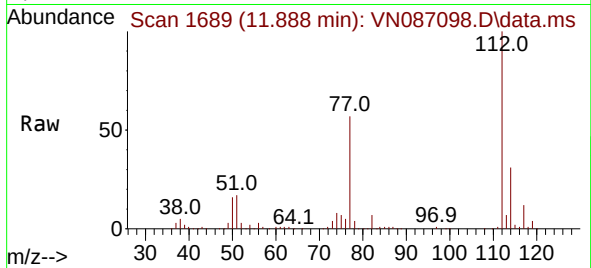
Tgt Ion:164 Resp: 98311
Ion Ratio Lower Upper
164 100
166 125.7 101.8 152.8
129 100.5 83.0 124.4
131 92.9 78.2 117.2





#65
Chlorobenzene
Concen: 52.261 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

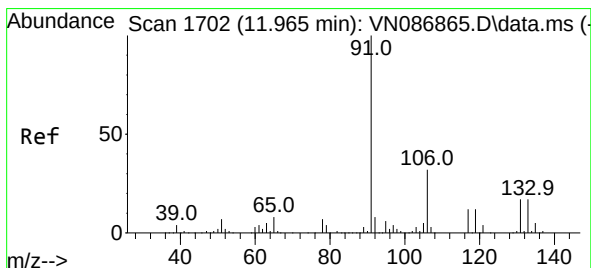
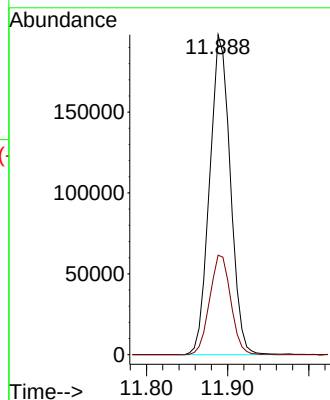
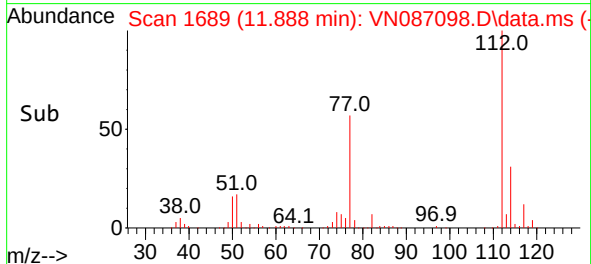
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



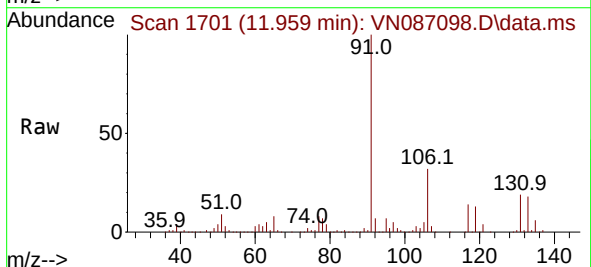
Tgt Ion:112 Resp: 35020
Ion Ratio Lower Upper
112 100
114 31.1 26.2 39.2

Manual Integrations
APPROVED

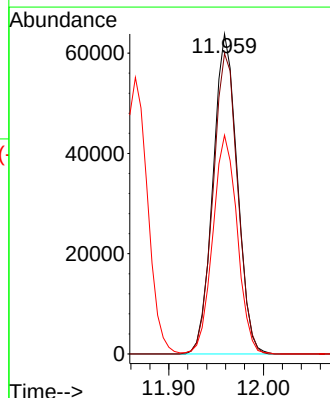
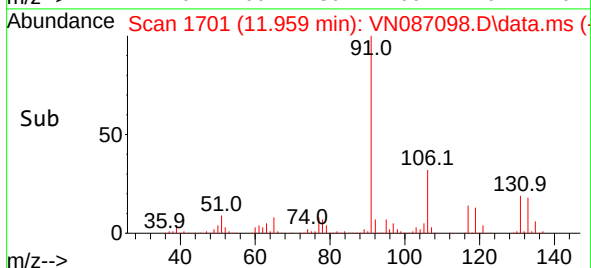
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

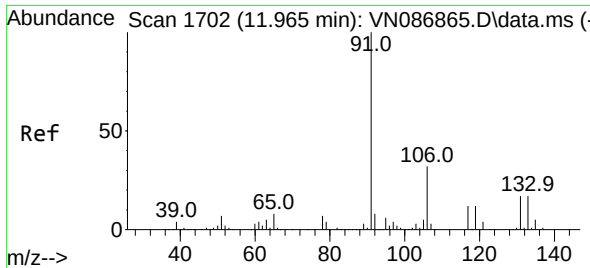


#66
1,1,1,2-Tetrachloroethane
Concen: 52.707 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42



Tgt Ion:131 Resp: 113531
Ion Ratio Lower Upper
131 100
133 95.7 48.3 144.8
119 68.9 34.0 101.8





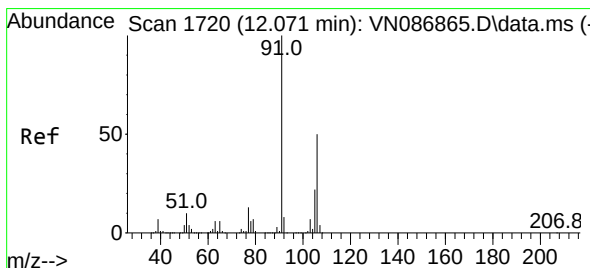
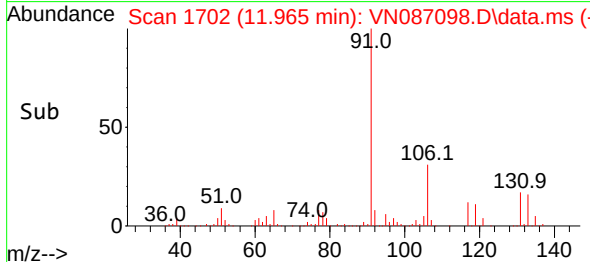
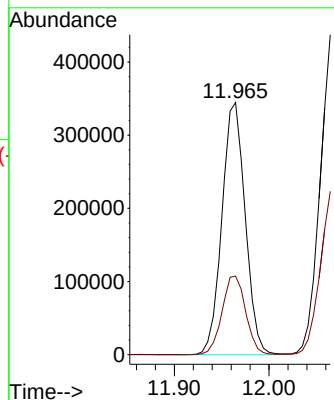
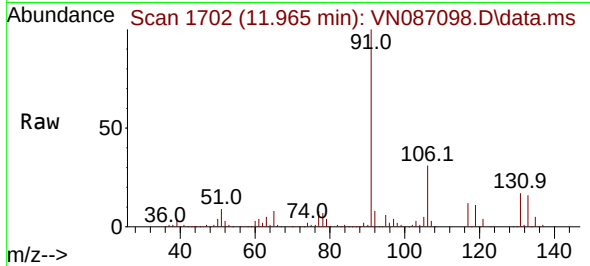
#67
Ethyl Benzene
Concen: 51.046 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 58918
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.2

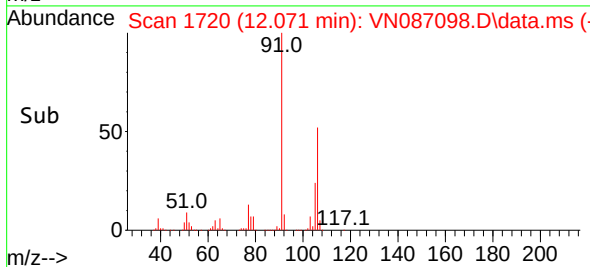
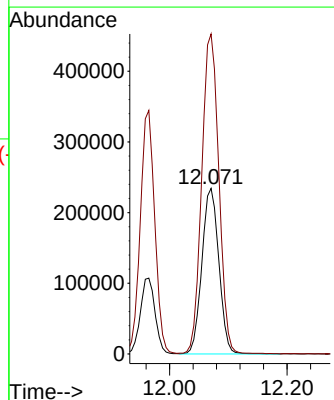
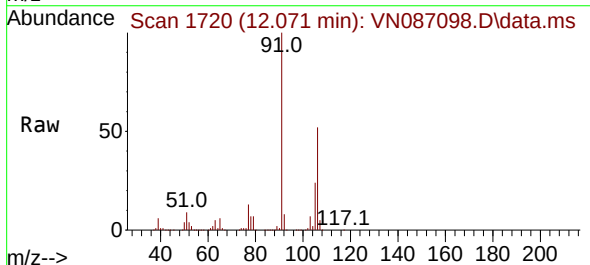
Manual Integrations
APPROVED

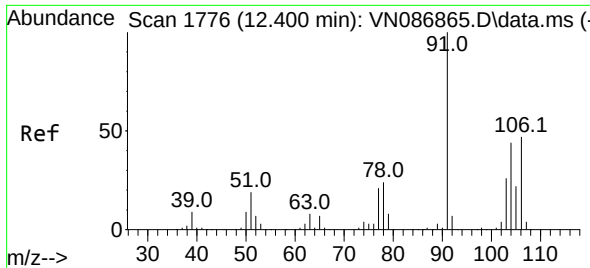
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#68
m/p-Xylenes
Concen: 105.923 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

Tgt Ion:106 Resp: 468010
Ion Ratio Lower Upper
106 100
91 195.0 159.4 239.0





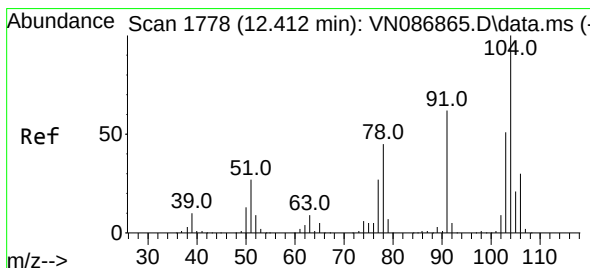
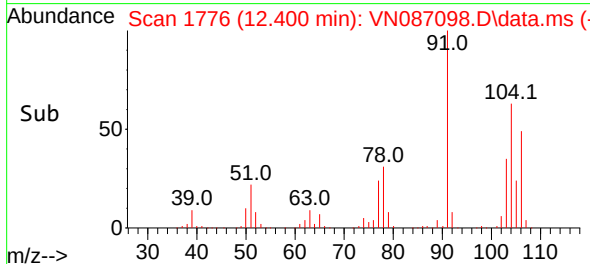
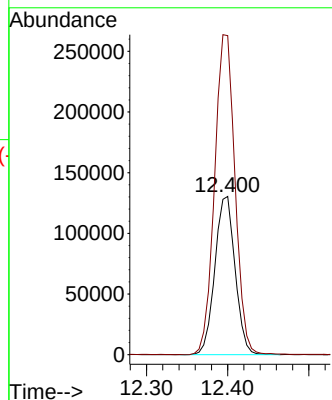
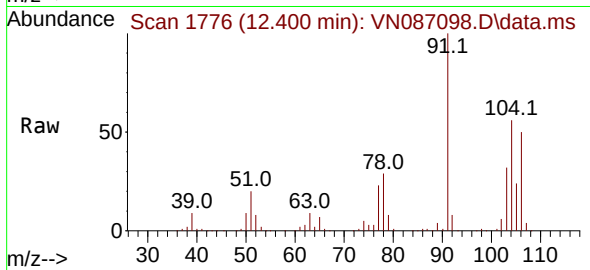
#69
o-Xylene
Concen: 53.380 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 22588
Ion Ratio Lower Upper
106 100
91 204.9 106.1 318.1

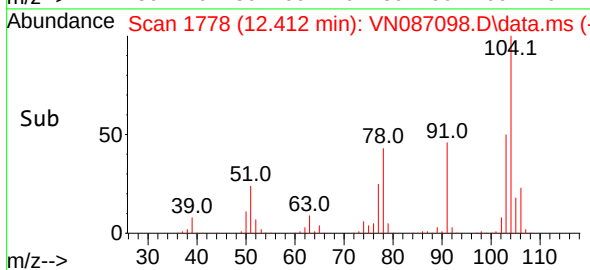
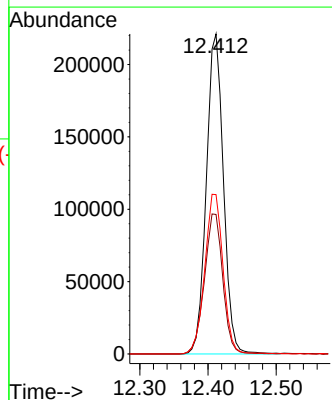
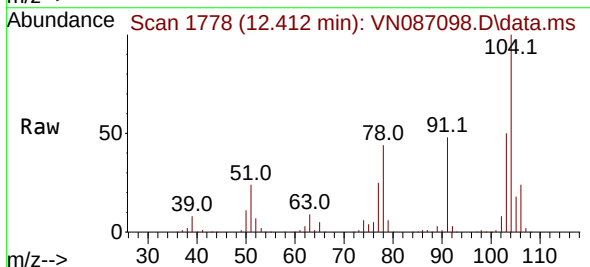
Manual Integrations
APPROVED

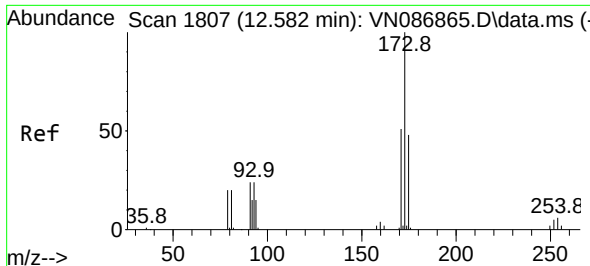
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#70
Styrene
Concen: 53.338 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

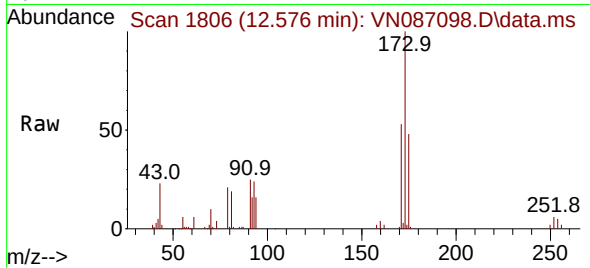
Tgt Ion:104 Resp: 386227
Ion Ratio Lower Upper
104 100
78 47.1 38.5 57.7
103 53.6 43.1 64.7





#71
Bromoform
Concen: 55.877 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

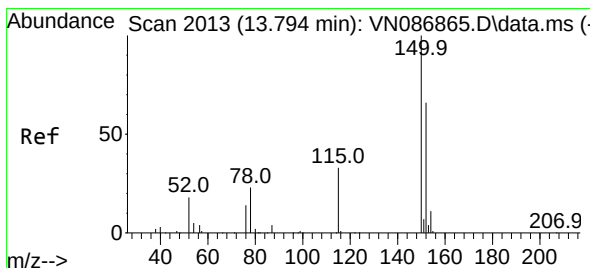
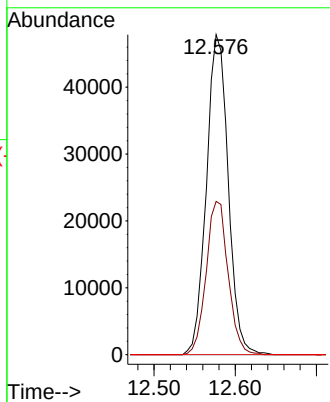
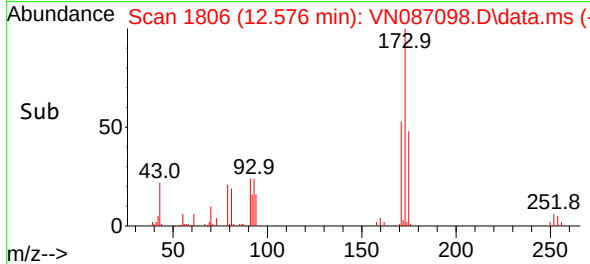
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



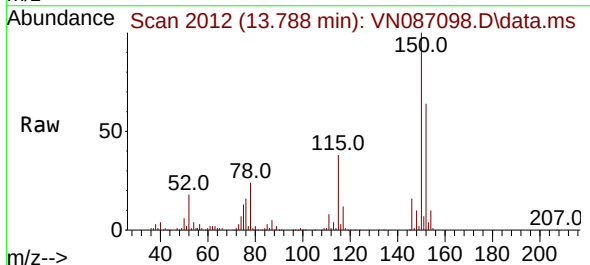
Tgt Ion:173 Resp: 89180
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

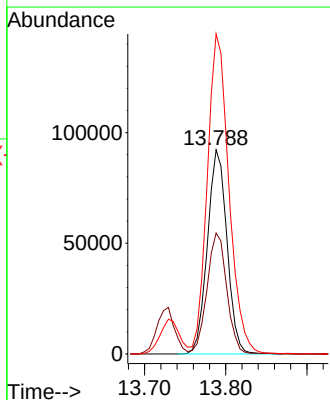
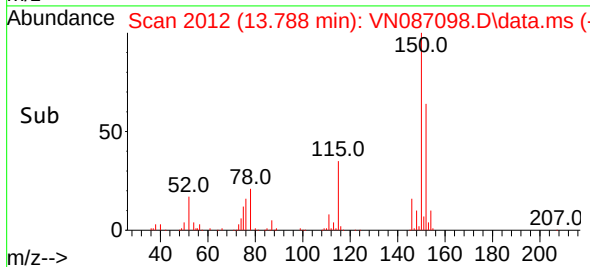
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

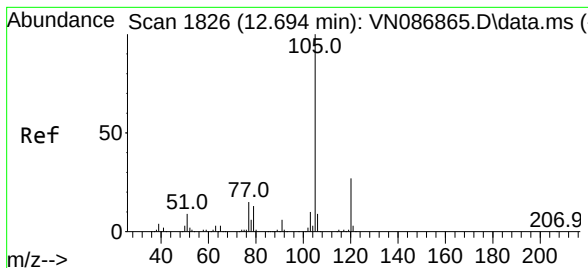


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42



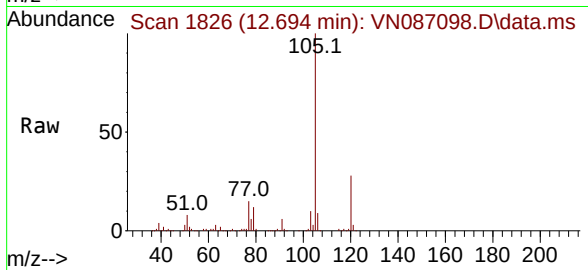
Tgt Ion:152 Resp: 154355
Ion Ratio Lower Upper
152 100
115 58.9 30.1 90.5
150 173.9 0.0 345.0





#73
Isopropylbenzene
Concen: 49.133 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

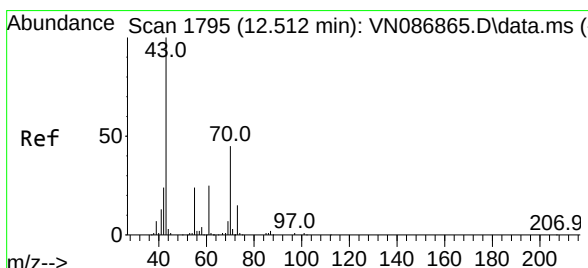
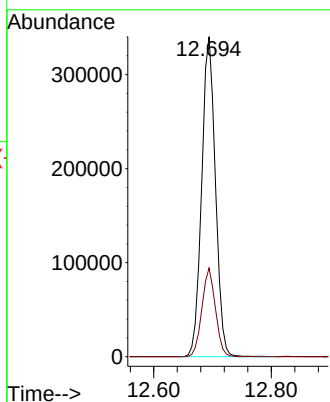
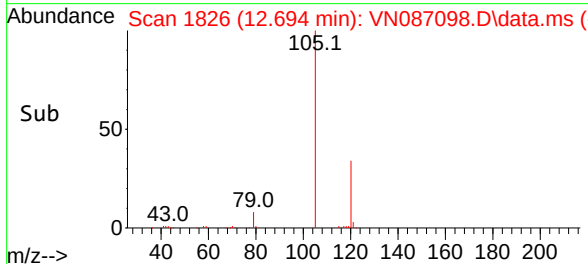
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



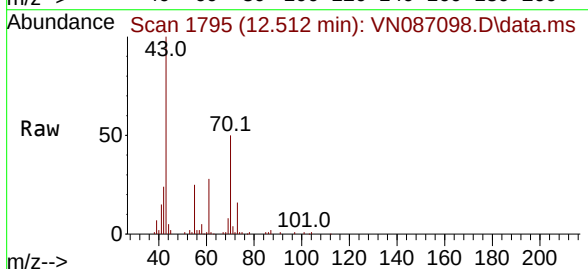
Tgt Ion:105 Resp: 55249
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

Manual Integrations
APPROVED

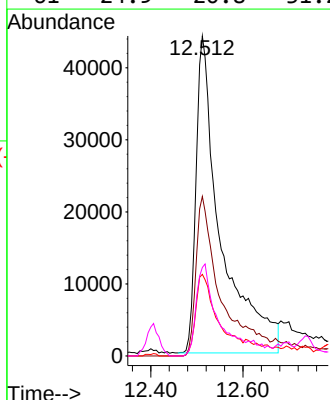
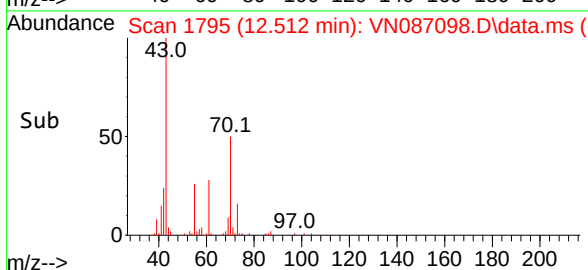
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

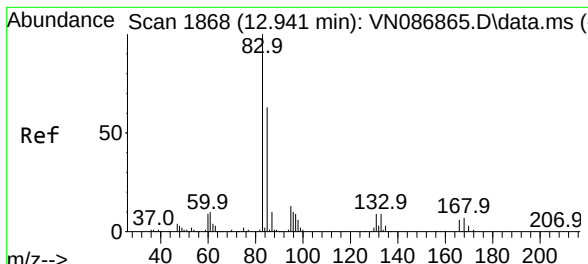


#74
N-ethyl acetate
Concen: 41.777 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42



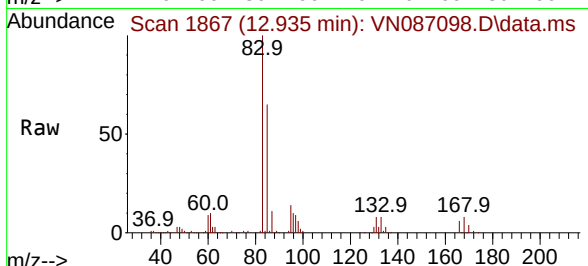
Tgt Ion: 43 Resp: 164161
Ion Ratio Lower Upper
43 100
70 50.3 37.6 56.4
55 23.0 19.0 28.6
61 24.9 20.8 31.2





#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.650 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.006 min
 Lab File: VN087098.D
 Acq: 18 Jun 2025 19:42

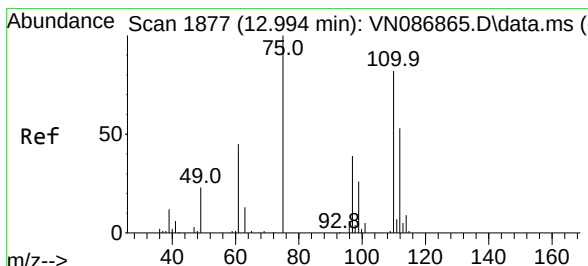
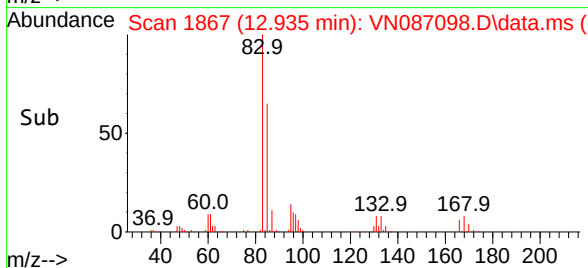
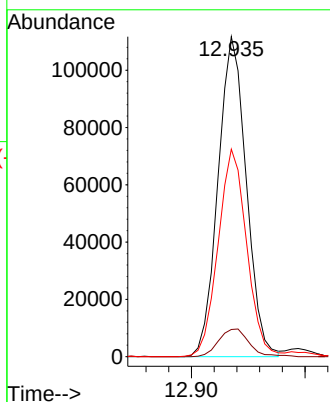
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC



Tgt Ion: 83 Resp: 19295
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.9 14.7
 85 65.7 32.0 96.0

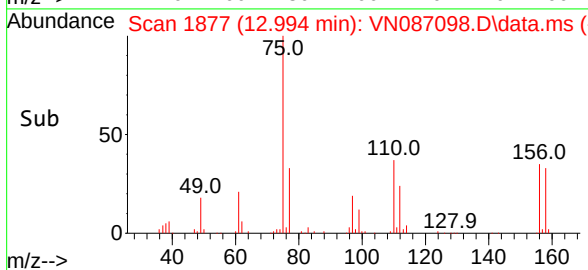
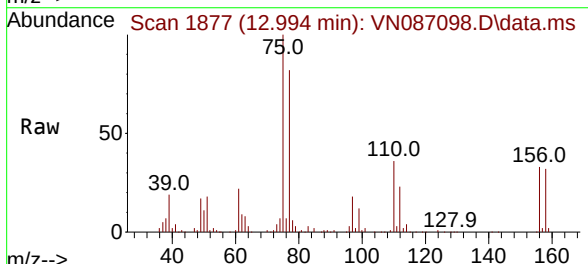
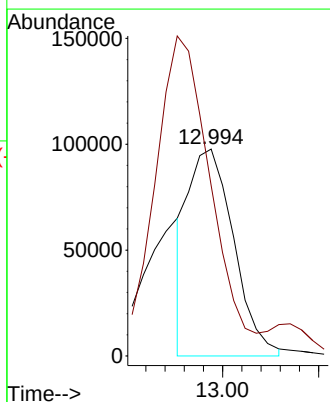
Manual Integrations
 APPROVED

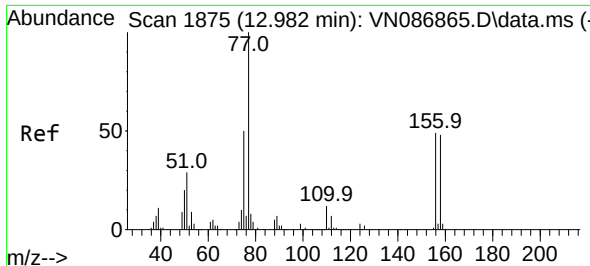
Reviewed By :John Carlone 06/19/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#76
 1,2,3-Trichloropropane
 Concen: 43.739 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN087098.D
 Acq: 18 Jun 2025 19:42

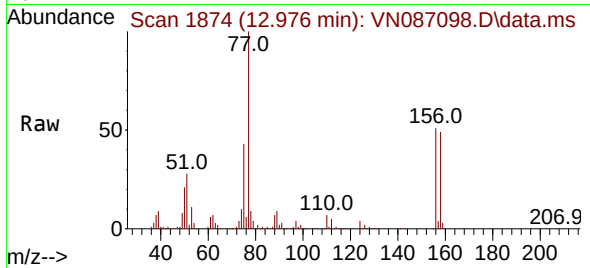
Tgt Ion: 75 Resp: 160483
 Ion Ratio Lower Upper
 75 100
 77 190.6 79.3 237.9





#77
Bromobenzene
Concen: 52.642 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

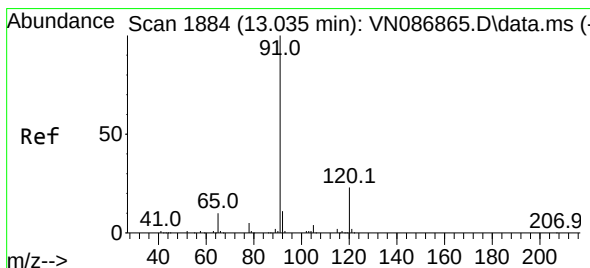
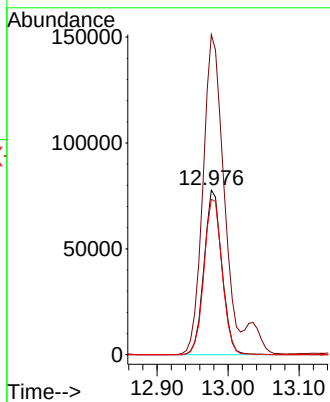
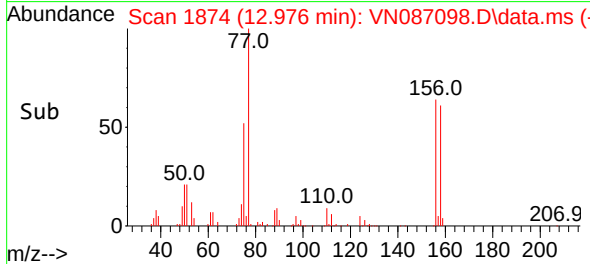
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



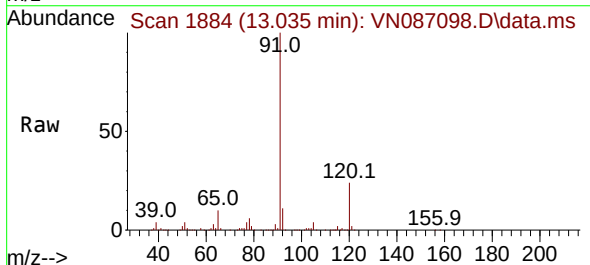
Tgt Ion:156 Resp: 135758
Ion Ratio Lower Upper
156 100
77 225.4 117.7 353.1
158 96.1 48.1 144.4

Manual Integrations
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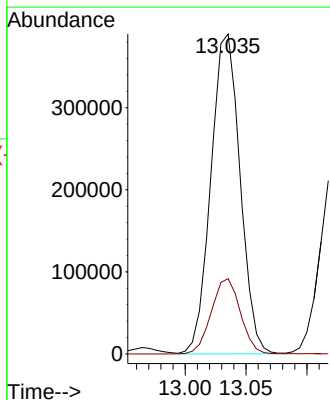
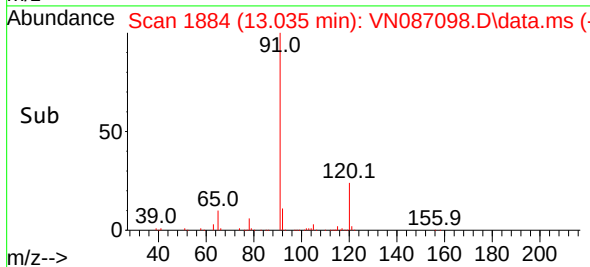
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

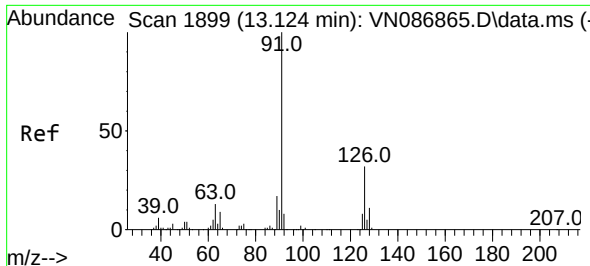


#78
n-propylbenzene
Concen: 47.599 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42



Tgt Ion: 91 Resp: 650467
Ion Ratio Lower Upper
91 100
120 23.4 11.4 34.2





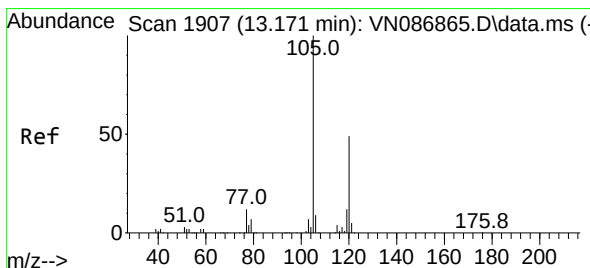
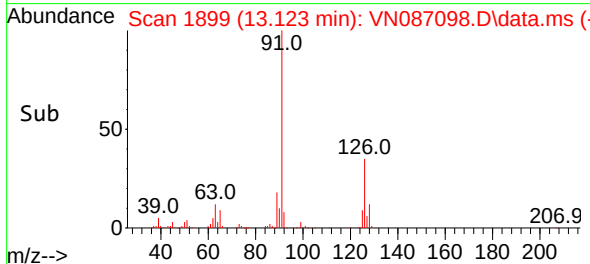
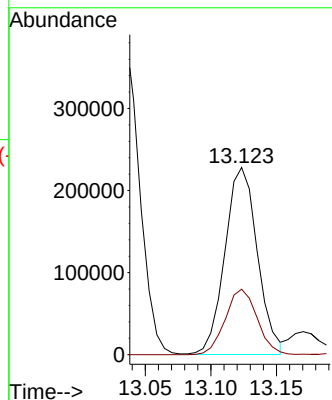
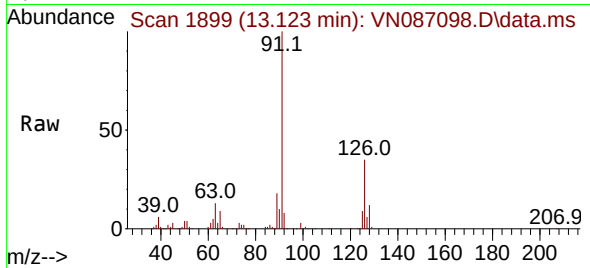
#79
2-Chlorotoluene
Concen: 47.985 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 393250
Ion Ratio Lower Upper
91 100
126 34.4 16.2 48.5

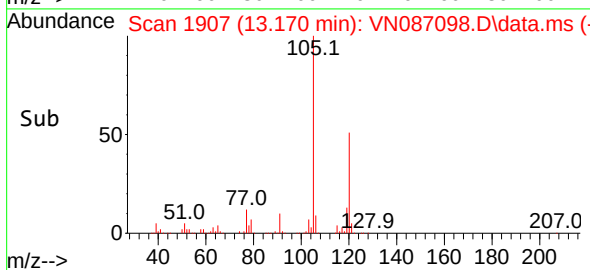
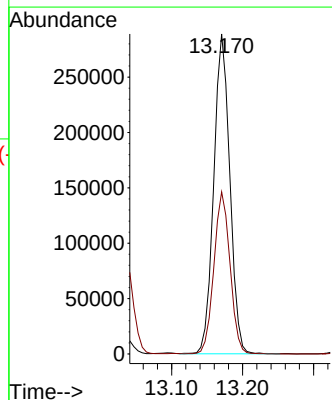
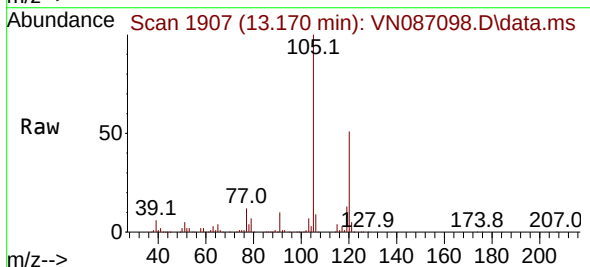
Manual Integrations
APPROVED

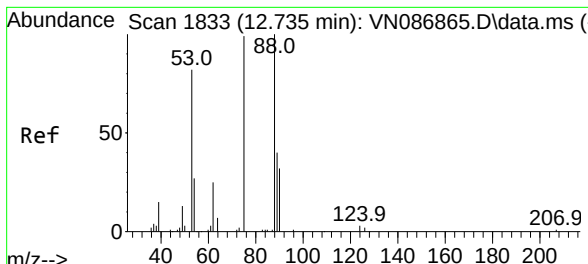
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 48.716 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

Tgt Ion:105 Resp: 452283
Ion Ratio Lower Upper
105 100
120 50.9 24.9 74.6





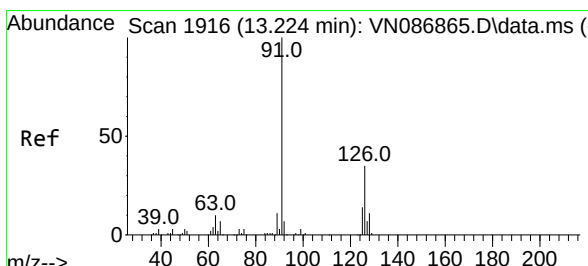
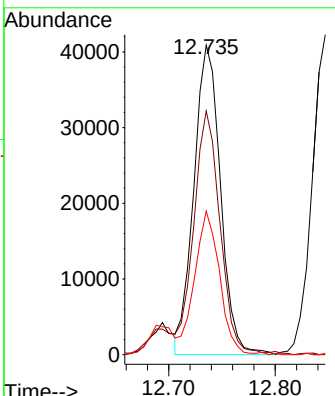
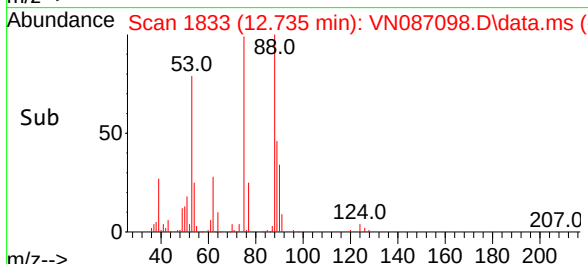
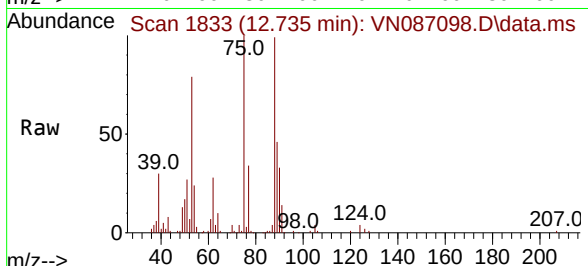
#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.581 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: VN087098.D
 Acq: 18 Jun 2025 19:42

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

Tgt Ion:	75	Resp:	71058
Ion Ratio	Lower	Upper	
75	100		
53	76.1	66.6	99.8
89	44.0	36.7	55.1

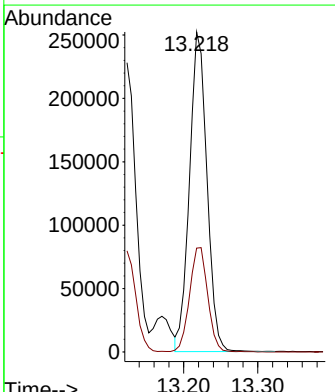
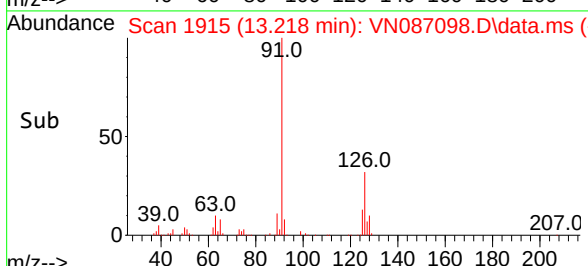
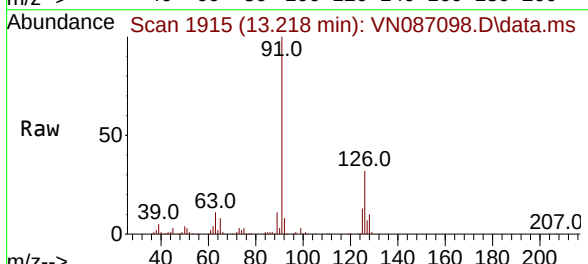
Manual Integrations
 APPROVED

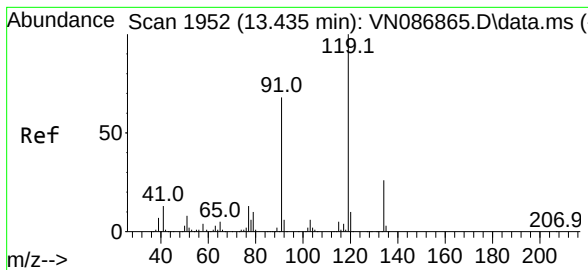
Reviewed By :John Carlone 06/19/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#82
 4-Chlorotoluene
 Concen: 49.727 ug/l
 RT: 13.218 min Scan# 1915
 Delta R.T. -0.006 min
 Lab File: VN087098.D
 Acq: 18 Jun 2025 19:42

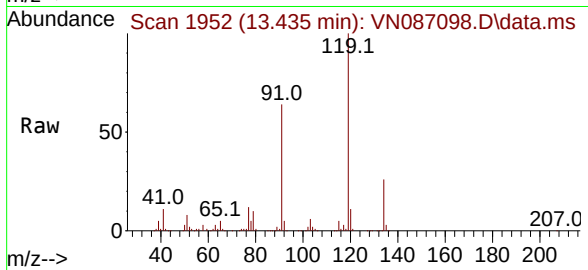
Tgt Ion:	91	Resp:	412348
Ion Ratio	Lower	Upper	
91	100		
126	34.1	16.7	50.1





#83
tert-Butylbenzene
Concen: 45.565 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

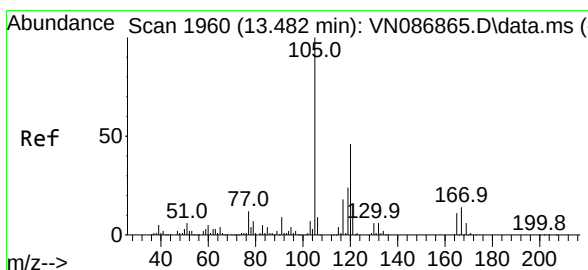
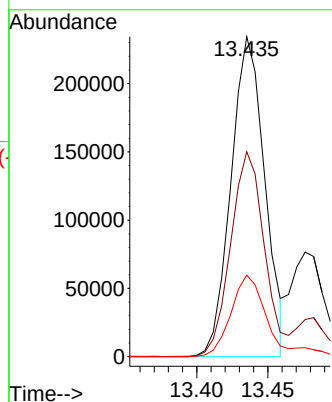
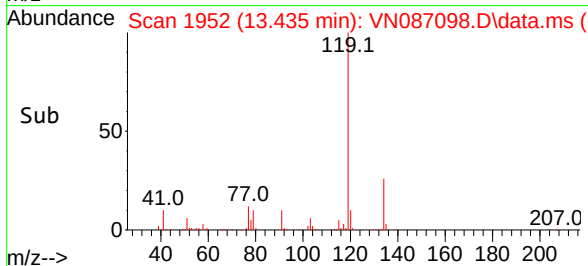
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



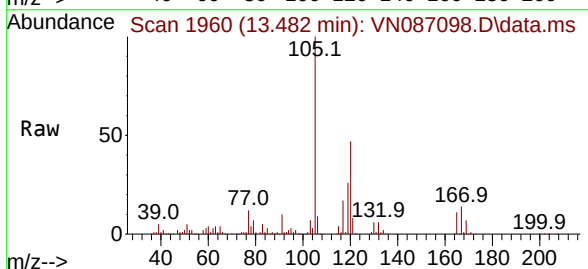
Tgt Ion:119 Resp: 387224
Ion Ratio Lower Upper
119 100
91 64.0 32.1 96.5
134 27.7 13.4 40.1

Manual Integrations
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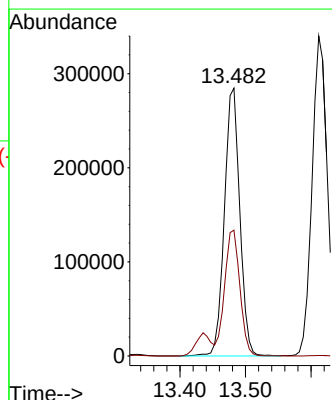
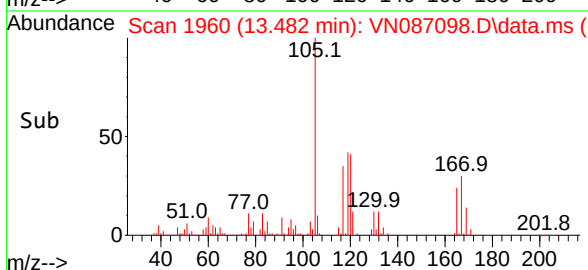
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

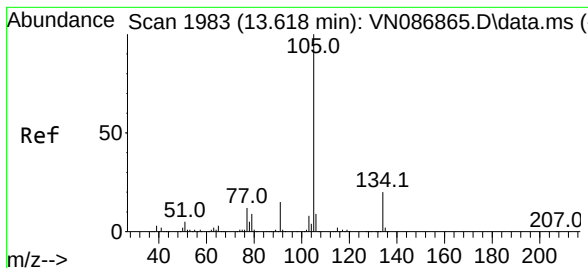


#84
1,2,4-Trimethylbenzene
Concen: 49.739 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42



Tgt Ion:105 Resp: 463050
Ion Ratio Lower Upper
105 100
120 46.7 23.2 69.6





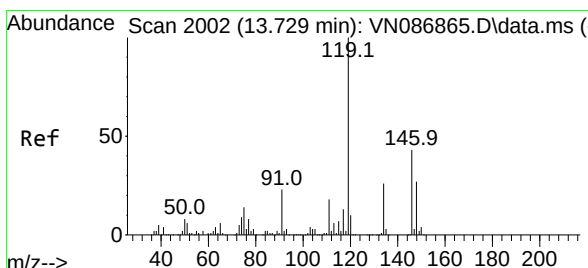
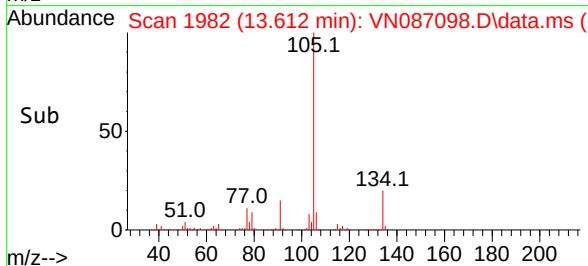
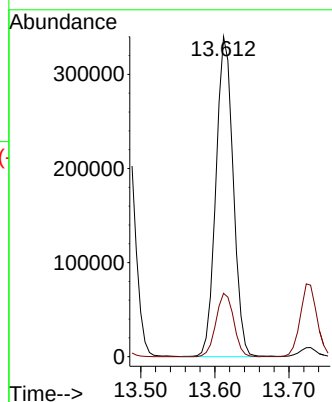
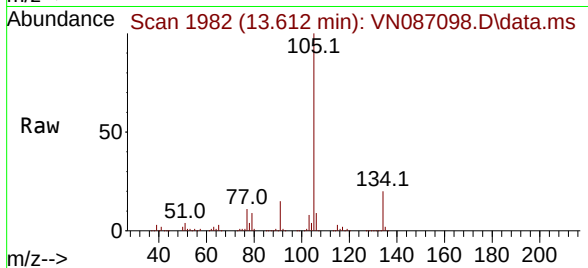
#85
 sec-Butylbenzene
 Concen: 44.660 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN087098.D
 Acq: 18 Jun 2025 19:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 551168
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 30.0

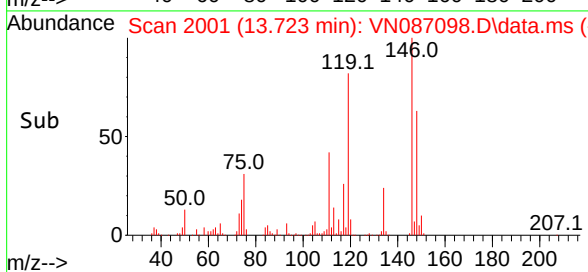
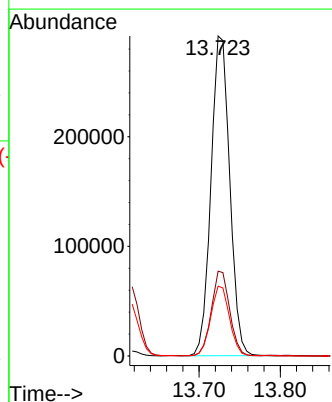
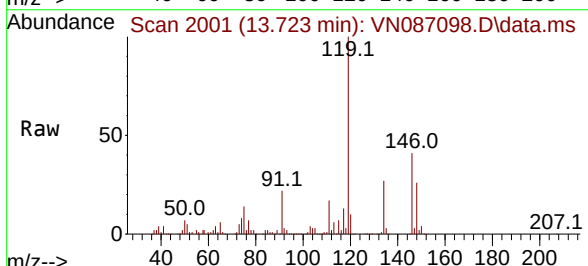
Manual Integrations
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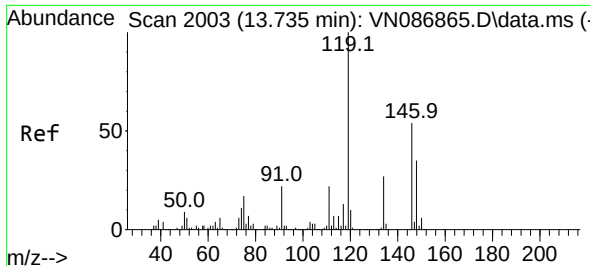
Reviewed By :John Carlone 06/19/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#86
 p-Isopropyltoluene
 Concen: 45.914 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN087098.D
 Acq: 18 Jun 2025 19:42

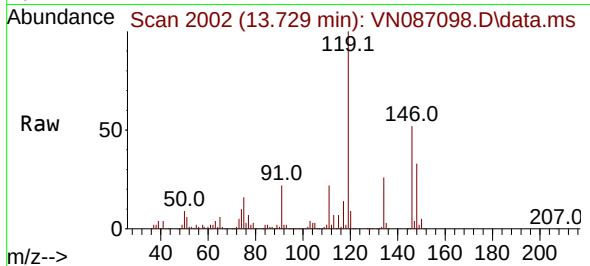
Tgt Ion:119 Resp: 468408
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.5 40.4
 91 21.7 11.5 34.4





#87
1,3-Dichlorobenzene
Concen: 50.814 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

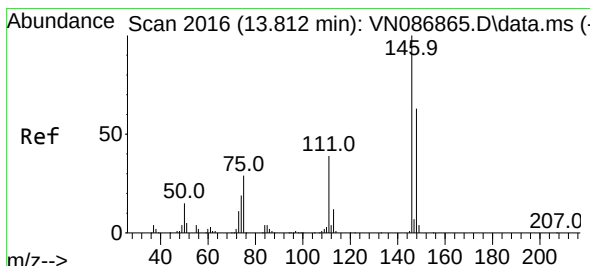
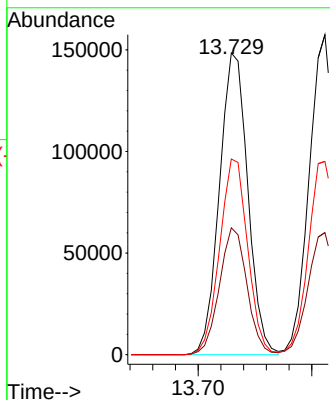
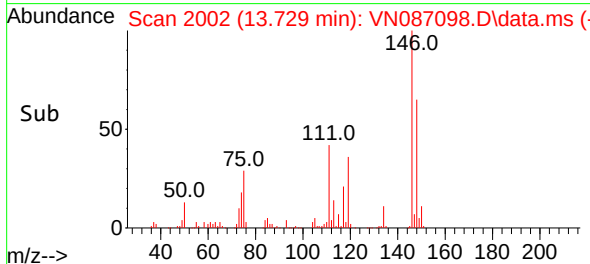
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



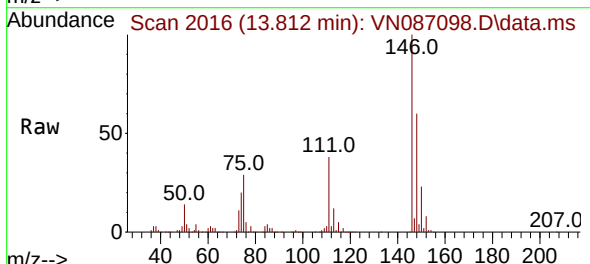
Tgt Ion:146 Resp: 25782
Ion Ratio Lower Upper
146 100
111 40.9 20.9 62.8
148 64.1 32.0 96.2

Manual Integrations
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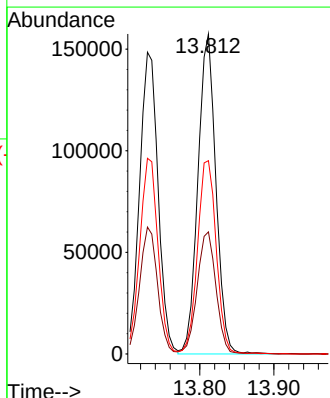
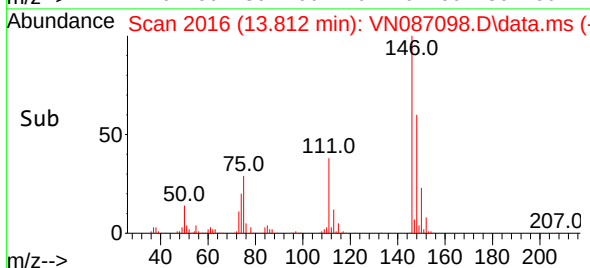
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

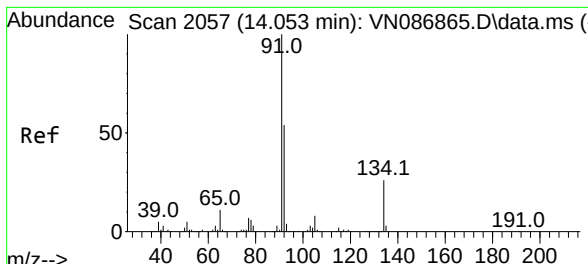


#88
1,4-Dichlorobenzene
Concen: 51.268 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42



Tgt Ion:146 Resp: 265204
Ion Ratio Lower Upper
146 100
111 39.4 19.9 59.7
148 63.2 31.8 95.4





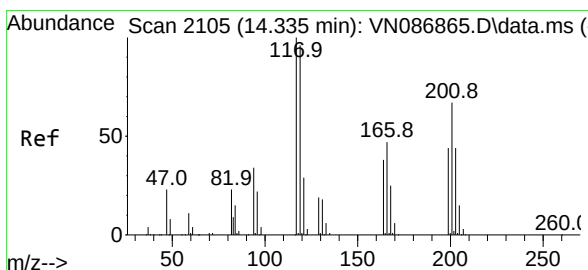
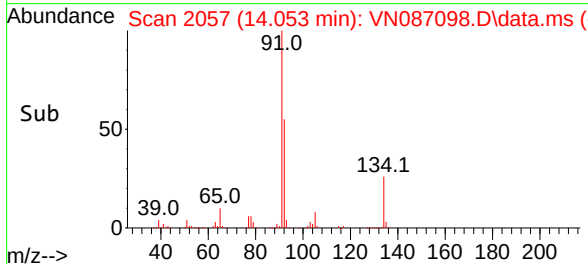
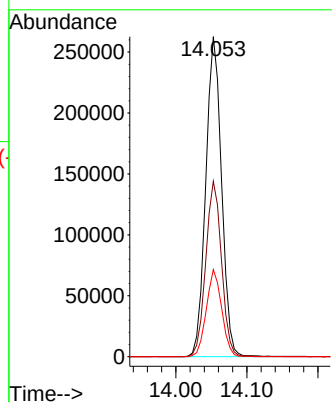
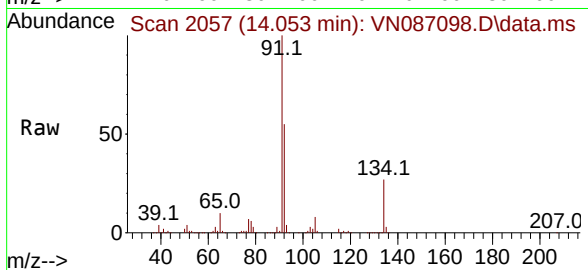
#89
n-Butylbenzene
Concen: 41.149 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 40662
Ion Ratio Lower Upper
91 100
92 54.8 27.5 82.4
134 26.5 13.0 39.0

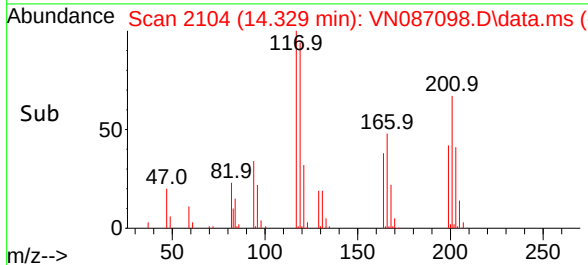
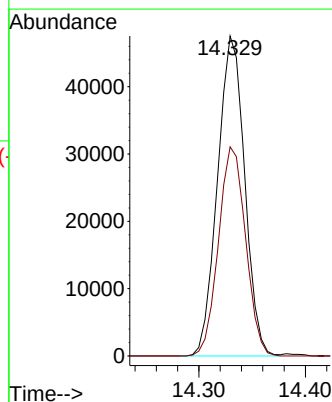
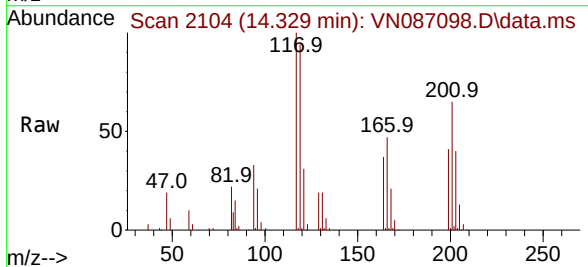
Manual Integrations
APPROVED

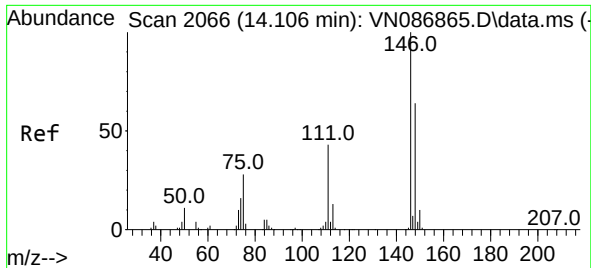
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#90
Hexachloroethane
Concen: 48.590 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

Tgt Ion:117 Resp: 84025
Ion Ratio Lower Upper
117 100
201 65.4 33.2 99.6





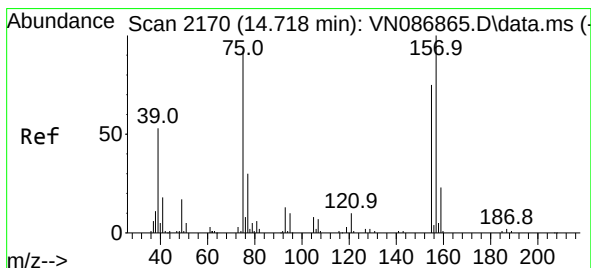
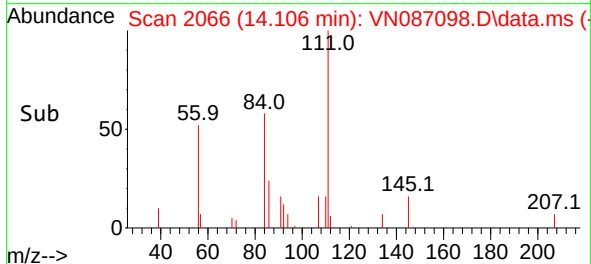
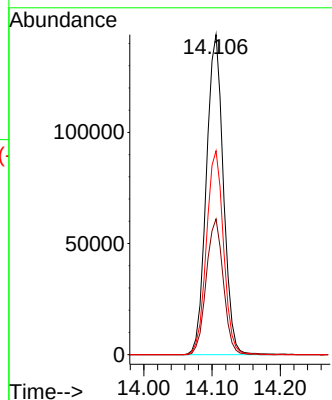
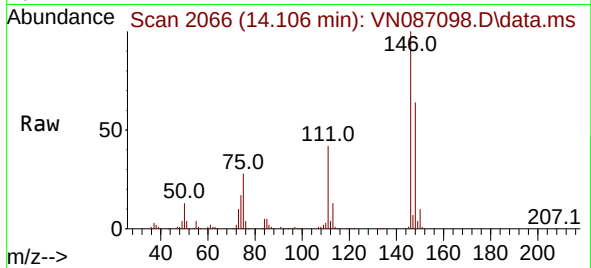
#91
1,2-Dichlorobenzene
Concen: 51.301 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 250075
Ion Ratio Lower Upper
146 100
111 42.4 21.6 64.6
148 63.9 31.7 95.1

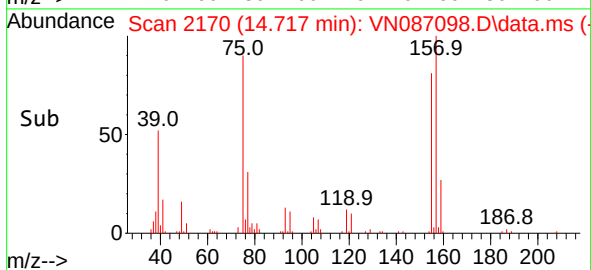
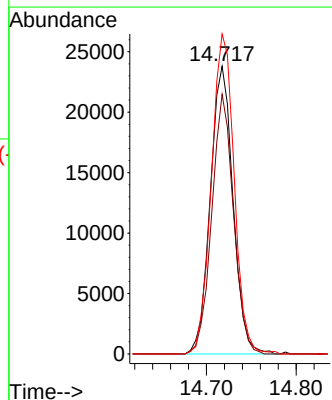
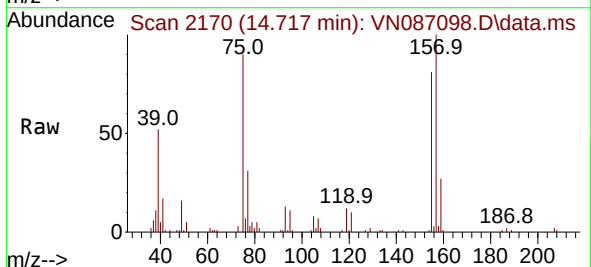
Manual Integrations
APPROVED

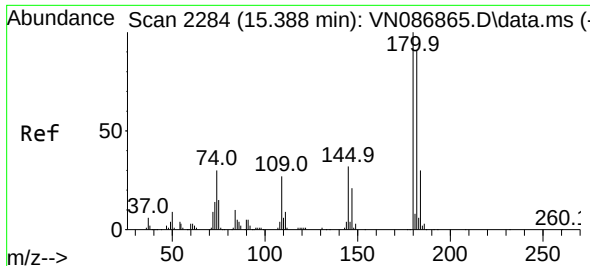
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.944 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087098.D
Acq: 18 Jun 2025 19:42

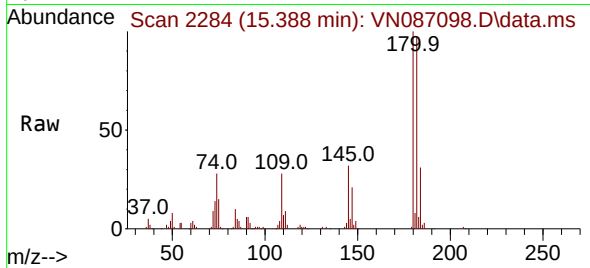
Tgt Ion: 75 Resp: 41858
Ion Ratio Lower Upper
75 100
155 86.2 41.1 123.4
157 111.4 52.7 158.1





#93
 1,2,4-Trichlorobenzene
 Concen: 43.387 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087098.D
 Acq: 18 Jun 2025 19:42

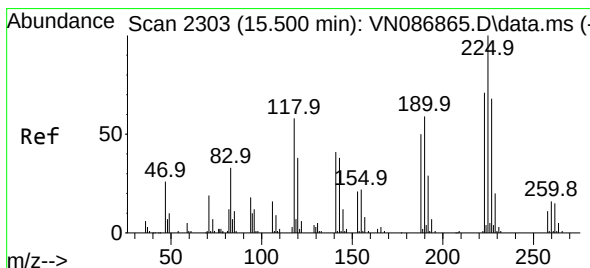
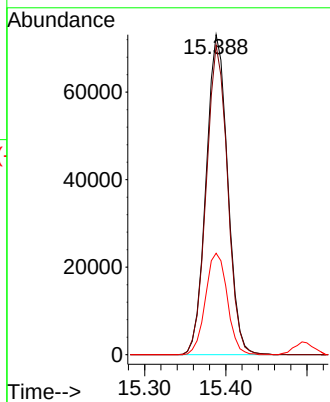
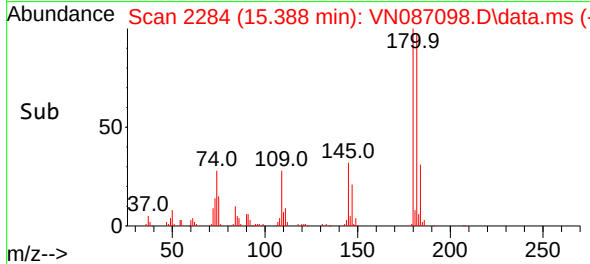
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:180 Resp: 135052
 Ion Ratio Lower Upper
 180 100
 182 95.6 46.9 140.7
 145 32.0 16.0 47.9

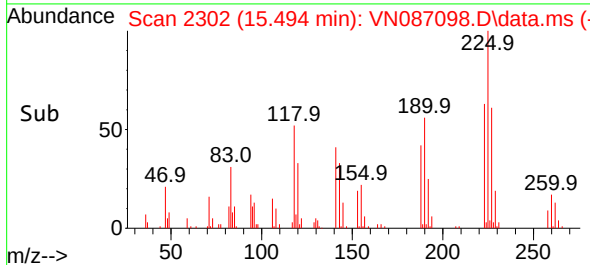
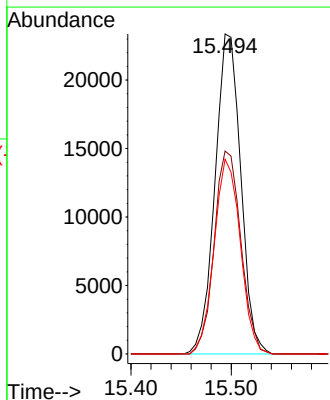
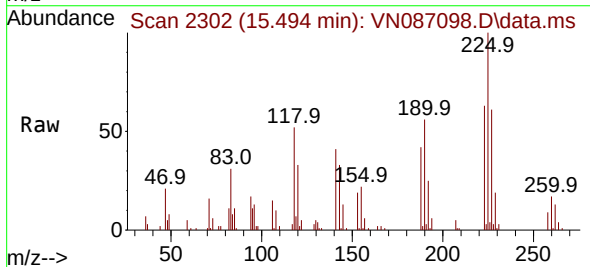
Manual Integrations
 APPROVED

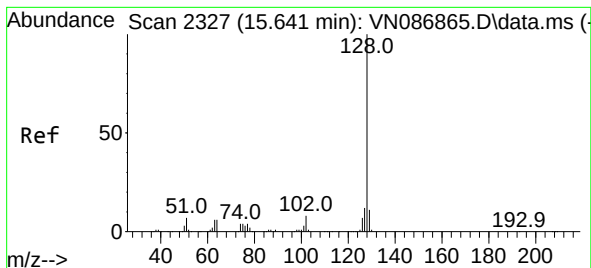
Reviewed By :John Carlone 06/19/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#94
 Hexachlorobutadiene
 Concen: 35.974 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN087098.D
 Acq: 18 Jun 2025 19:42

Tgt Ion:225 Resp: 41719
 Ion Ratio Lower Upper
 225 100
 223 65.6 33.5 100.4
 227 62.0 31.1 93.5





#95

Naphthalene

Concen: 47.504 ug/l

RT: 15.635 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN087098.D

Acq: 18 Jun 2025 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

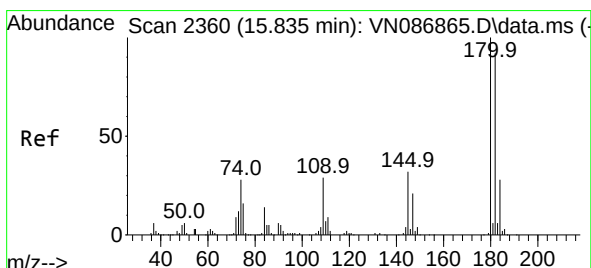
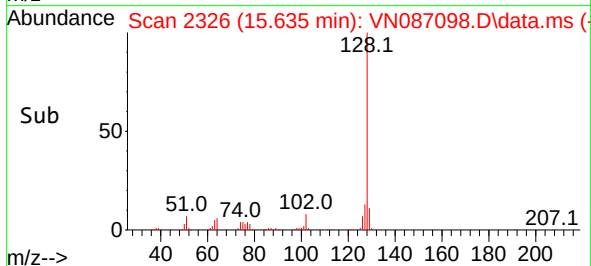
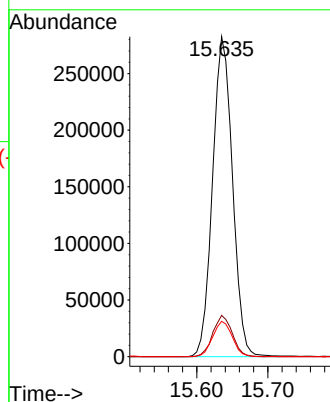
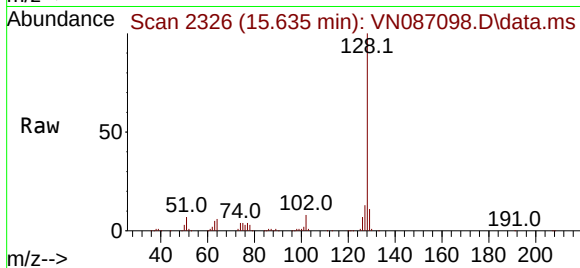
Tgt Ion:128 Resp: 55039
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.2 15.2
 129 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2025

Supervised By :Mahesh Dadoda 06/21/2025



#96

1,2,3-Trichlorobenzene

Concen: 42.701 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN087098.D

Acq: 18 Jun 2025 19:42

Tgt Ion:180 Resp: 132061
 Ion Ratio Lower Upper
 180 100
 182 93.2 47.0 141.0
 145 33.3 16.6 49.8

