

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
 Data File : VN086867.D
 Acq On : 06 Jun 2025 14:49
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/09/2025
 Supervised By : Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 01:59:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 01:51:02 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	172832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	307937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	278552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	389297	168.233	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 336.460%#			
35) Dibromofluoromethane	8.176	113	324474	177.803	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 355.600%#			
50) Toluene-d8	10.570	98	1272348	176.120	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 352.240%#			
62) 4-Bromofluorobenzene	12.847	95	481421	179.364	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 358.720%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.153	85	262143	152.122	ug/l	100
3) Chloromethane	2.394	50	304558	136.865	ug/l	100
4) Vinyl Chloride	2.553	62	335834	146.303	ug/l	100
5) Bromomethane	2.965	94	190786	148.522	ug/l	98
6) Chloroethane	3.136	64	208568	140.664	ug/l	96
7) Trichlorofluoromethane	3.518	101	427871	142.666	ug/l	100
8) Diethyl Ether	3.983	74	191555	146.593	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.388	101	269810	143.192	ug/l	100
10) Methyl Iodide	4.606	142	352020	144.118	ug/l	99
11) Tert butyl alcohol	5.553	59	430866	686.213	ug/l	100
12) 1,1-Dichloroethene	4.353	96	273388	142.118	ug/l	98
13) Acrolein	4.194	56	171625	863.526	ug/l	99
14) Allyl chloride	5.035	41	490852	153.858	ug/l	92
15) Acrylonitrile	5.735	53	1048372	714.344	ug/l	99
16) Acetone	4.447	43	819041	667.435	ug/l	100
17) Carbon Disulfide	4.730	76	742788	139.594	ug/l	100
18) Methyl Acetate	5.041	43	523996	146.527	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	998781	143.396	ug/l	99
20) Methylene Chloride	5.300	84	311597	135.628	ug/l	99
21) trans-1,2-Dichloroethene	5.806	96	290960	135.947	ug/l	97
22) Diisopropyl ether	6.688	45	947638	140.915	ug/l	98
23) Vinyl Acetate	6.618	43	3932872	692.189	ug/l	99
24) 1,1-Dichloroethane	6.582	63	540881	139.761	ug/l	99
25) 2-Butanone	7.494	43	1381940	692.809	ug/l	99
26) 2,2-Dichloropropane	7.500	77	450112	149.519	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	363398	141.974	ug/l	99
28) Bromochloromethane	7.824	49	290594	152.718	ug/l	98
29) Tetrahydrofuran	7.847	42	898159	691.211	ug/l	98
30) Chloroform	7.976	83	534038	138.179	ug/l	97
31) Cyclohexane	8.265	56	505795	134.766	ug/l	96
32) 1,1,1-Trichloroethane	8.176	97	462854	140.807	ug/l	99
36) 1,1-Dichloropropene	8.376	75	393166	144.584	ug/l	100
37) Ethyl Acetate	7.571	43	494000	142.706	ug/l	99
38) Carbon Tetrachloride	8.371	117	388595	145.557	ug/l	98
39) Methylcyclohexane	9.606	83	544437	146.136	ug/l	97
40) Benzene	8.612	78	1266139	142.388	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	276400	142.174	ug/l	98
42) 1,2-Dichloroethane	8.676	62	381516	141.455	ug/l	100
43) Isopropyl Acetate	8.694	43	780791	140.531	ug/l	99
44) Trichloroethene	9.359	130	302548	143.490	ug/l	96
45) 1,2-Dichloropropane	9.623	63	309047	142.856	ug/l	100
46) Dibromomethane	9.712	93	208461	145.074	ug/l	100
47) Bromodichloromethane	9.894	83	430011	145.449	ug/l	100
48) Methyl methacrylate	9.688	41	366967	143.502	ug/l	99
49) 1,4-Dioxane	9.712	88	138035	2967.116	ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	2438311	728.995	ug/l	98
52) Toluene	10.635	92	793270	145.976	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	489809	148.163	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	518092	146.469	ug/l	99
55) 1,1,2-Trichloroethane	11.017	97	298151	142.588	ug/l	99
56) Ethyl methacrylate	10.876	69	533912	160.311	ug/l	98
57) 1,3-Dichloropropane	11.165	76	516391	142.363	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	1869543	941.147	ug/l	99
59) 2-Hexanone	11.200	43	1735777	805.662	ug/l	99
60) Dibromochloromethane	11.365	129	322064	147.832	ug/l	98
61) 1,2-Dibromoethane	11.470	107	314606	146.790	ug/l	99
64) Tetrachloroethene	11.106	164	245122	139.048	ug/l	97
65) Chlorobenzene	11.894	112	860345	140.041	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	282739	143.171	ug/l	99
67) Ethyl Benzene	11.964	91	1517883	143.438	ug/l	98
68) m/p-Xylenes	12.070	106	1175378	290.155	ug/l	99
69) o-Xylene	12.400	106	566301	145.966	ug/l	100
70) Styrene	12.411	104	972318	146.459	ug/l	100
71) Bromoform	12.582	173	223200	152.538	ug/l #	99
73) Isopropylbenzene	12.694	105	1453651	146.042	ug/l	100
74) N-amyl acetate	12.500	43	543747	164.596	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	474426	140.693	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	468041m	143.665	ug/l	
77) Bromobenzene	12.982	156	335734	147.077	ug/l	98
78) n-propylbenzene	13.035	91	1769694	146.301	ug/l	99
79) 2-Chlorotoluene	13.123	91	1046916	144.317	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	1210325	147.279	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	216253	153.277	ug/l	95
82) 4-Chlorotoluene	13.223	91	1063581	144.900	ug/l	100
83) tert-Butylbenzene	13.435	119	1093406	145.352	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	1216529	147.626	ug/l	100
85) sec-Butylbenzene	13.617	105	1582762	144.885	ug/l	99
86) p-Isopropyltoluene	13.729	119	1322780	146.482	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	641966	142.939	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	646188	141.124	ug/l	99
89) n-Butylbenzene	14.053	91	1251819	143.117	ug/l	100
90) Hexachloroethane	14.335	117	230195	150.387	ug/l	98
91) 1,2-Dichlorobenzene	14.105	146	613177	142.108	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	110677	137.242	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	407621	147.940	ug/l	99
94) Hexachlorobutadiene	15.500	225	151172	147.264	ug/l	98
95) Naphthalene	15.641	128	1545981	150.743	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	404450	147.743	ug/l	99

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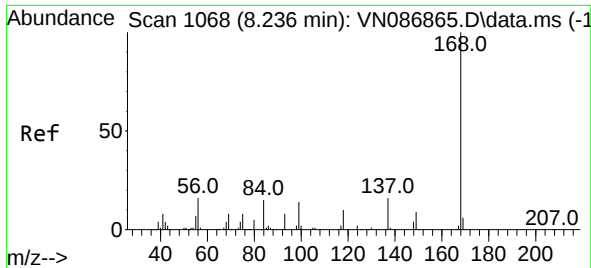
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



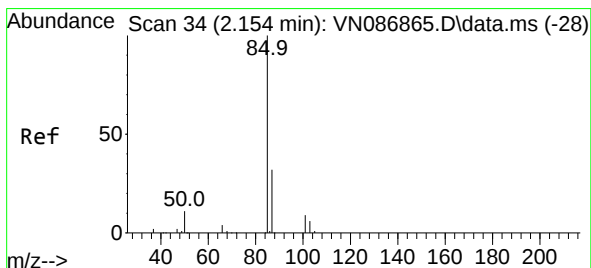
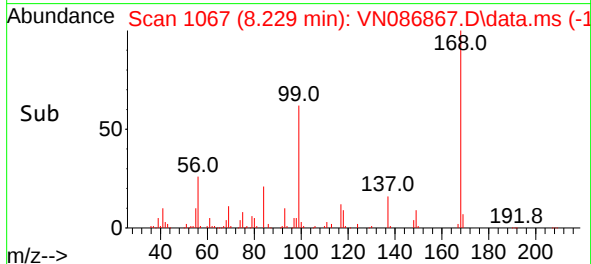
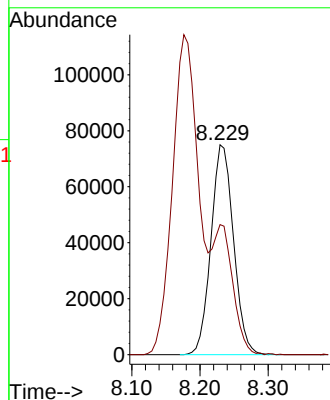
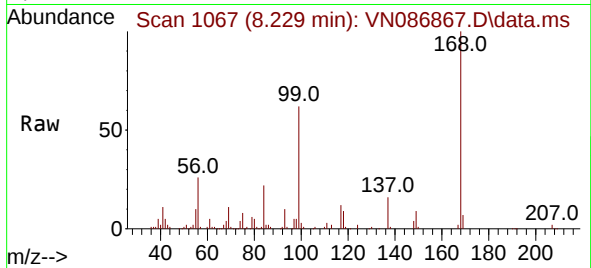
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1068
Delta R.T. -0.007 min
Lab File: VN086867.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:168 Resp: 17283
Ion Ratio Lower Upper
168 100
99 61.8 49.1 73.7

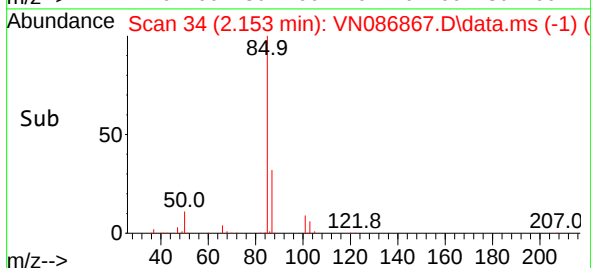
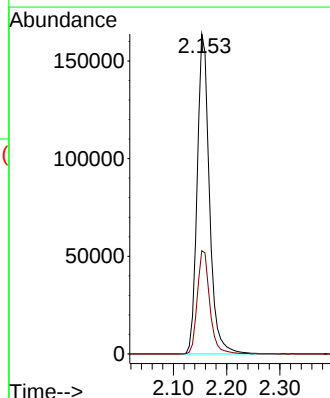
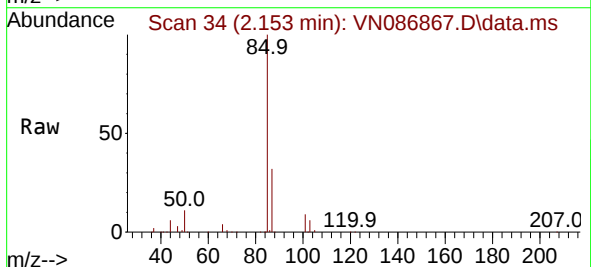
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#2
Dichlorodifluoromethane
Concen: 152.122 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

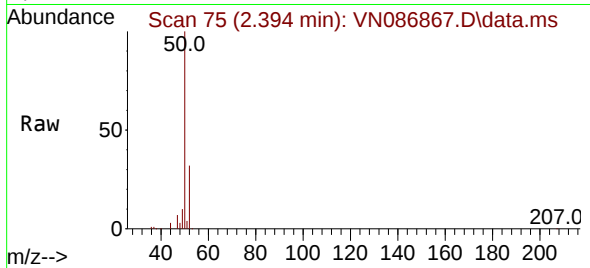
Tgt Ion: 85 Resp: 262143
Ion Ratio Lower Upper
85 100
87 32.3 16.2 48.6





#3
Chloromethane
Concen: 136.865 ug/l
RT: 2.394 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

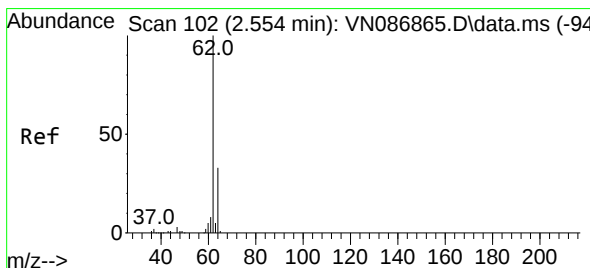
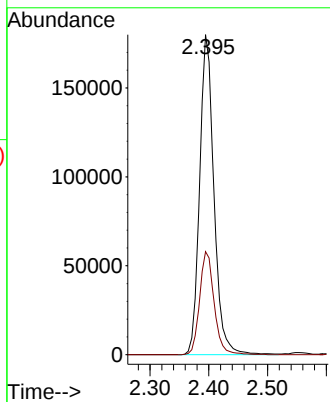
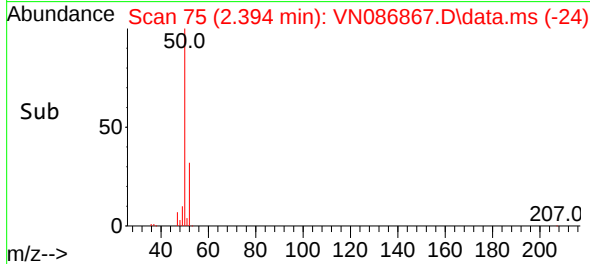
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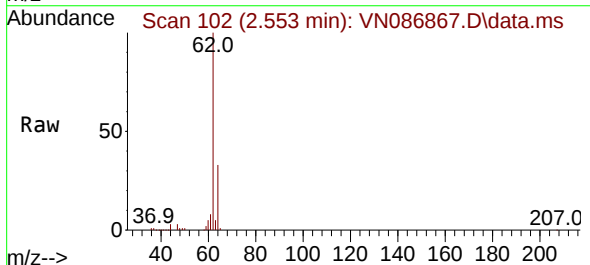
Tgt Ion: 50 Resp: 304558
Ion Ratio Lower Upper
50 100
52 32.2 25.7 38.5

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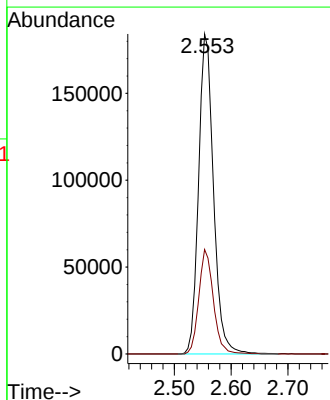
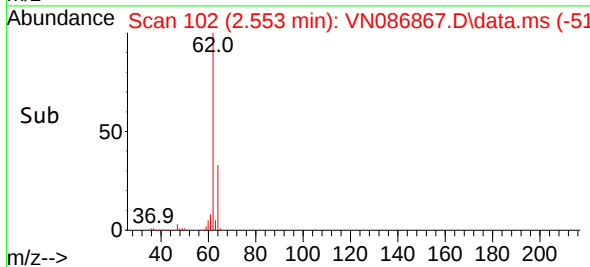
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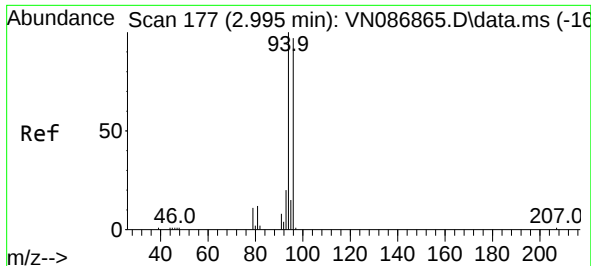


#4
Vinyl Chloride
Concen: 146.303 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49



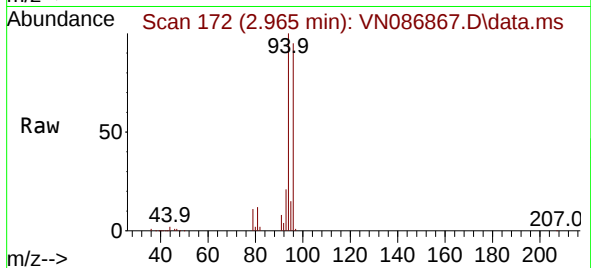
Tgt Ion: 62 Resp: 335834
Ion Ratio Lower Upper
62 100
64 32.6 26.0 39.0





#5
Bromomethane
Concen: 148.522 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.030 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

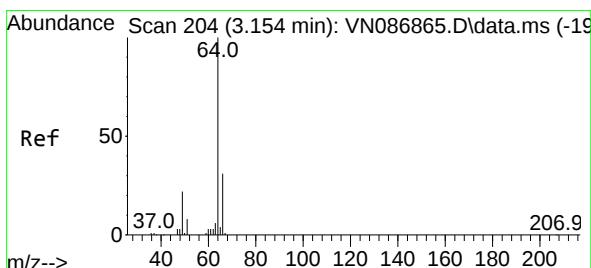
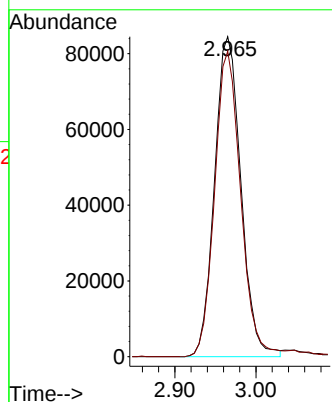
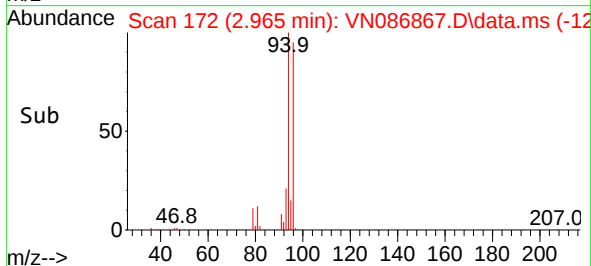
Instrument :
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Tgt Ion: 94 Resp: 190780
Ion Ratio Lower Upper
94 100
96 95.5 77.9 116.9

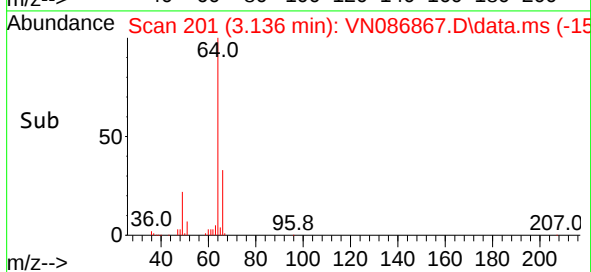
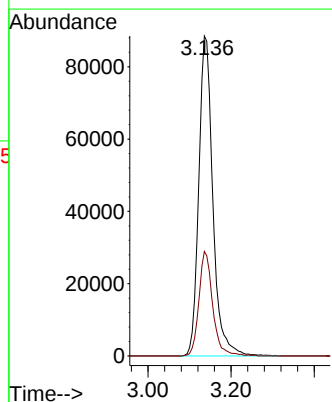
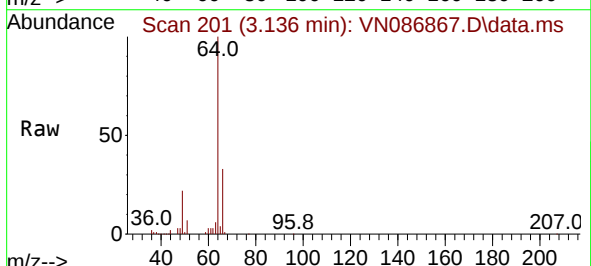
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#6
Chloroethane
Concen: 140.664 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.018 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

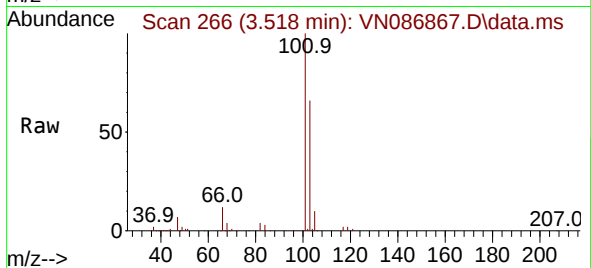
Tgt Ion: 64 Resp: 208568
Ion Ratio Lower Upper
64 100
66 32.7 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 142.666 ug/l
 RT: 3.518 min Scan# 266
 Delta R.T. -0.006 min
 Lab File: VN086867.D
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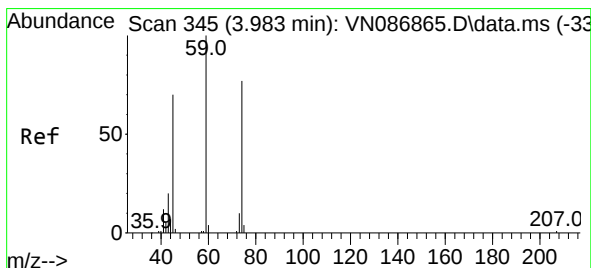
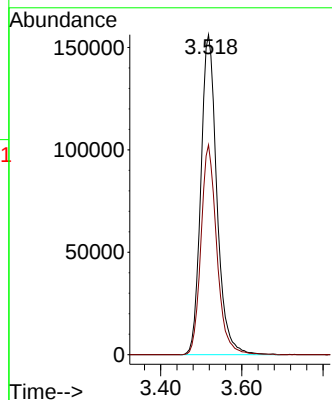
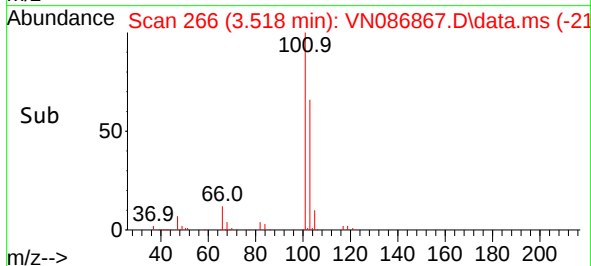
Instrument :
 MSVOA_N
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 VSTDIC150



Tgt Ion:101 Resp: 42787
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.2 78.2

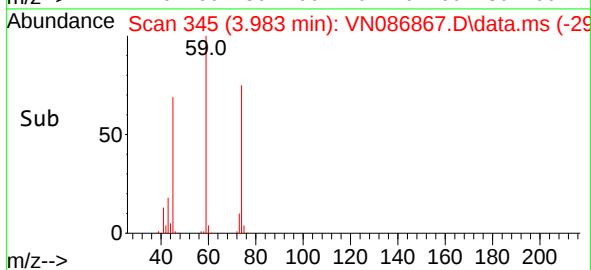
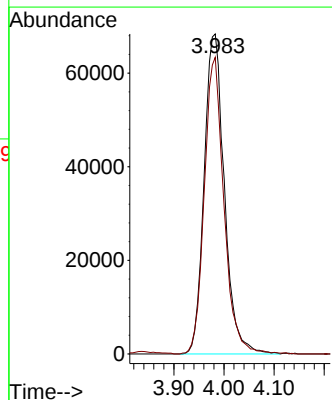
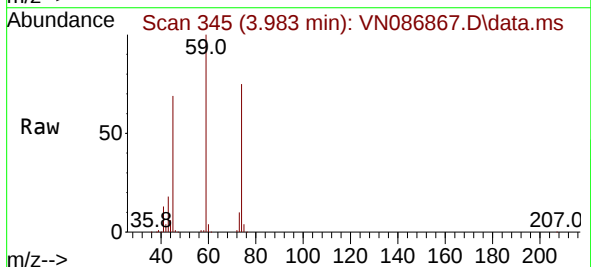
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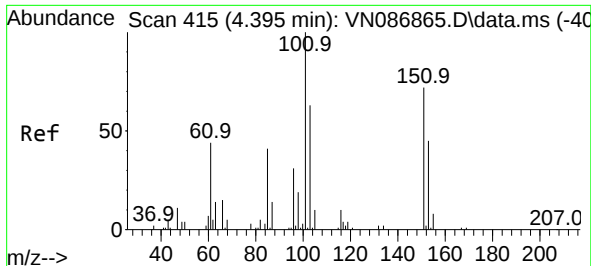
Reviewed By :John Carlone 06/09/2025
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#8
 Diethyl Ether
 Concen: 146.593 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 191555
 Ion Ratio Lower Upper
 74 100
 45 90.3 45.5 136.5





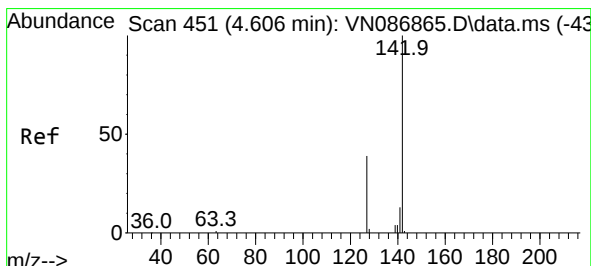
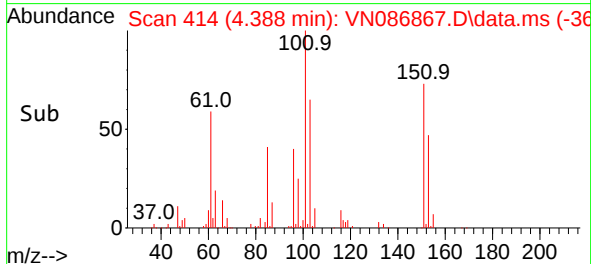
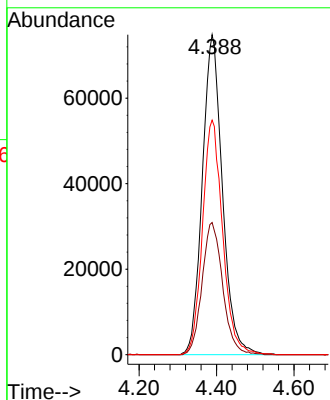
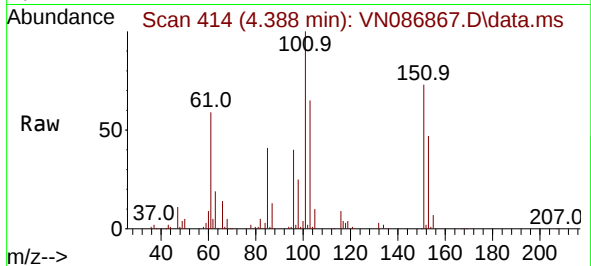
#9
1,1,2-Trichlorotrifluoroethane
Concen: 143.192 ug/l
RT: 4.388 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN086867.D
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Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 269810
Ion Ratio Lower Upper
101 100
85 42.3 33.8 50.8
151 73.5 58.7 88.1

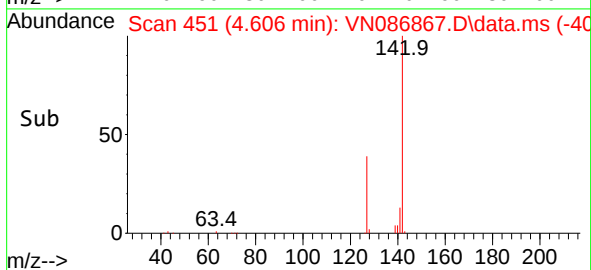
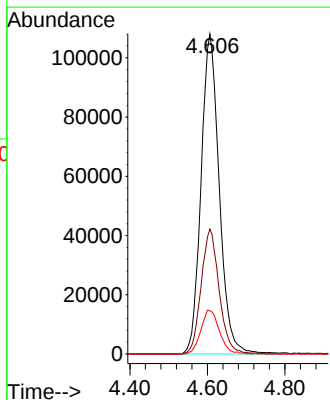
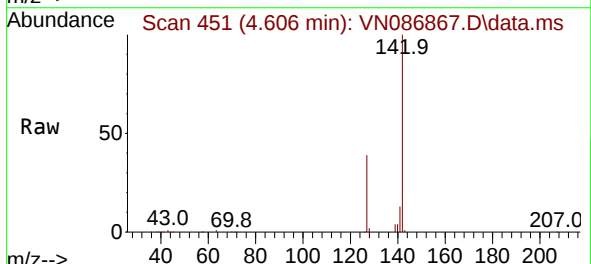
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#10
Methyl Iodide
Concen: 144.118 ug/l
RT: 4.606 min Scan# 451
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

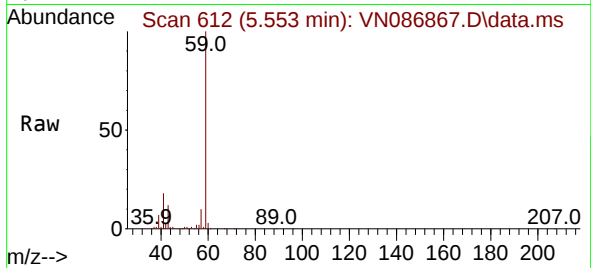
Tgt Ion:142 Resp: 352020
Ion Ratio Lower Upper
142 100
127 39.1 30.9 46.3
141 13.5 10.4 15.6





#11
Tert butyl alcohol
Concen: 686.213 ug/l
RT: 5.553 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

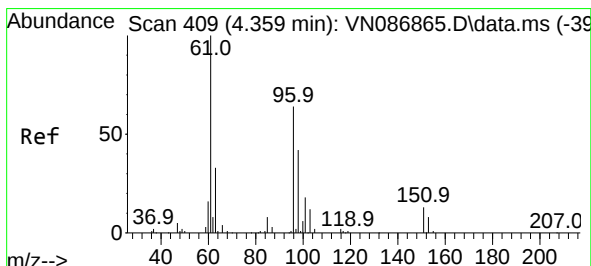
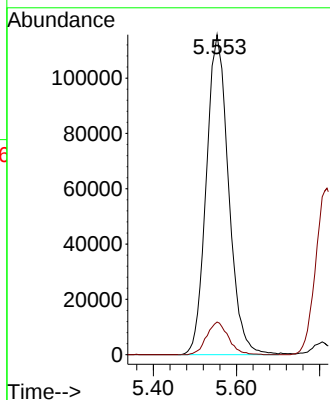
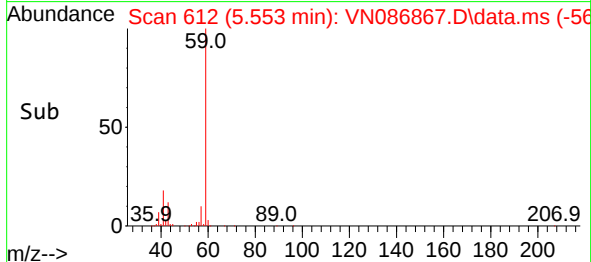
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 59 Resp: 430860
Ion Ratio Lower Upper
59 100
57 9.9 8.1 12.1

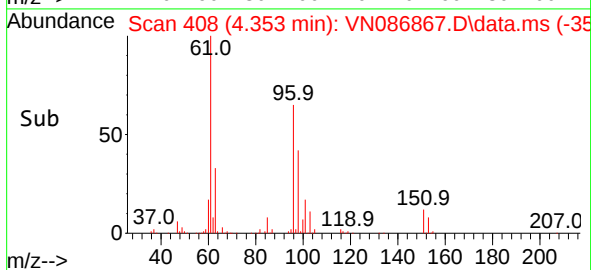
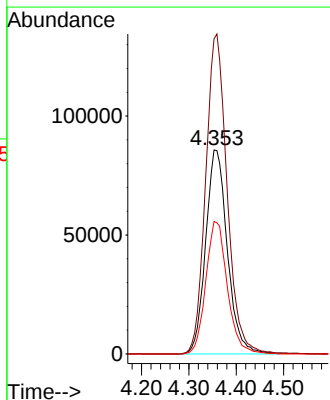
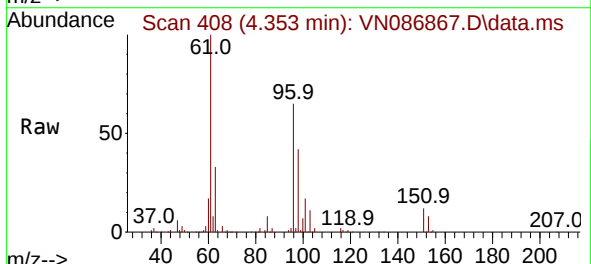
Manual Integrations
APPROVED

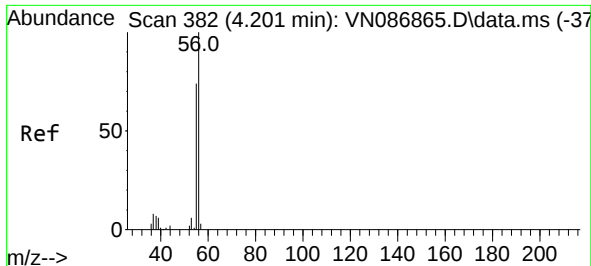
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#12
1,1-Dichloroethene
Concen: 142.118 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 96 Resp: 273388
Ion Ratio Lower Upper
96 100
61 154.5 125.8 188.6
98 64.9 52.5 78.7





#13

Acrolein

Concen: 863.526 ug/l

RT: 4.194 min Scan# 381

Delta R.T. -0.006 min

Lab File: VN086867.D

Acq: 06 Jun 2025 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 56 Resp: 17162

Ion Ratio Lower Upper

56 100

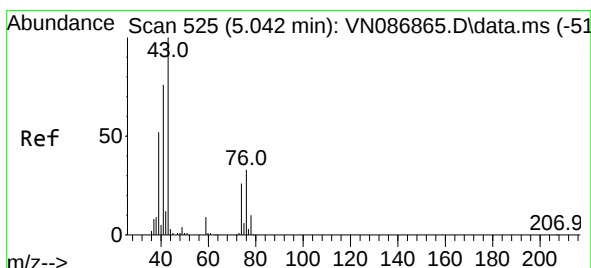
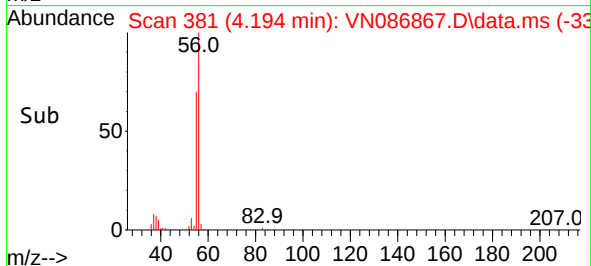
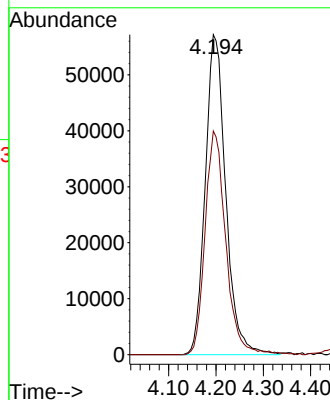
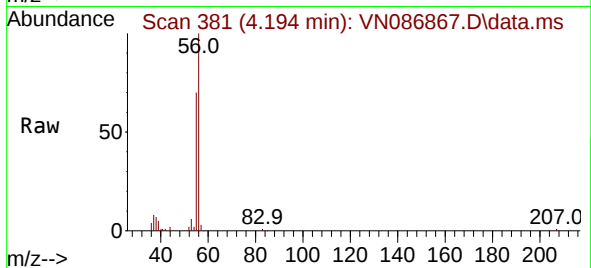
55 70.4 55.6 83.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025



#14

Allyl chloride

Concen: 153.858 ug/l

RT: 5.035 min Scan# 524

Delta R.T. -0.006 min

Lab File: VN086867.D

Acq: 06 Jun 2025 14:49

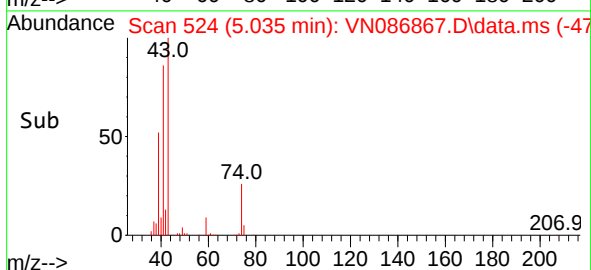
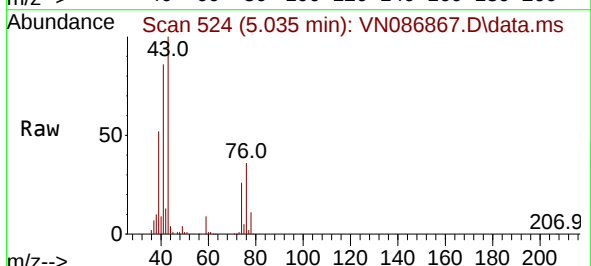
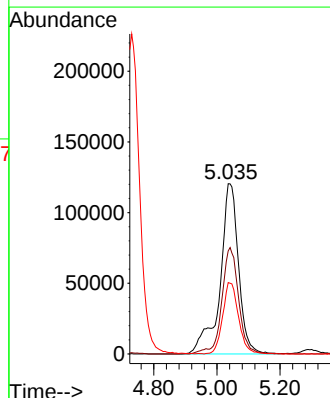
Tgt Ion: 41 Resp: 490852

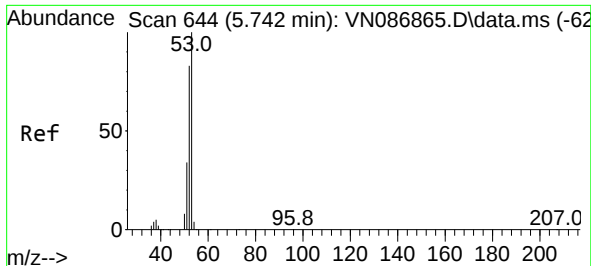
Ion Ratio Lower Upper

41 100

39 56.4 51.3 76.9

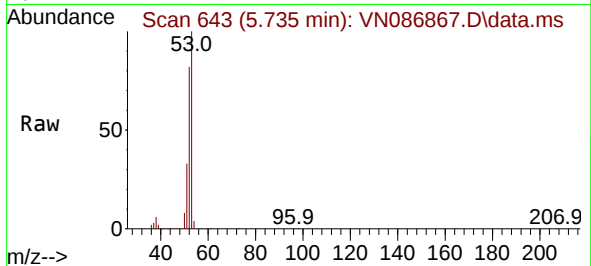
76 35.7 31.4 47.0





#15
Acrylonitrile
Concen: 714.344 ug/l
RT: 5.735 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

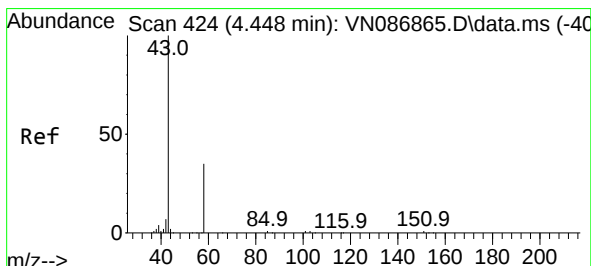
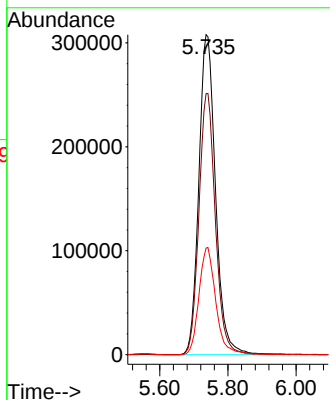
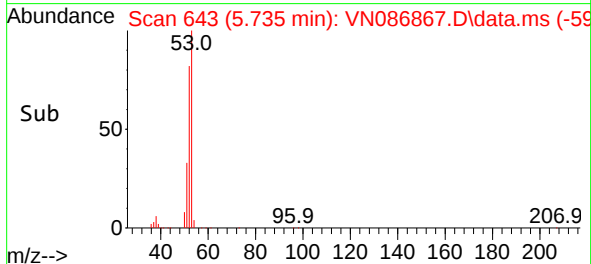
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 53 Resp: 1048372
Ion Ratio Lower Upper
53 100
52 80.7 65.0 97.6
51 33.8 27.2 40.8

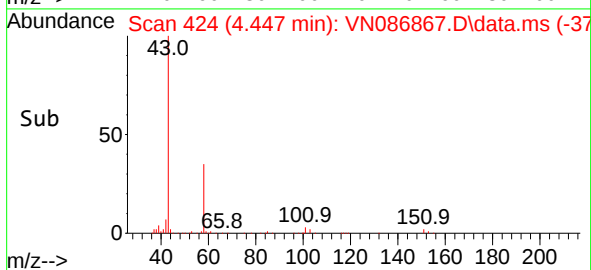
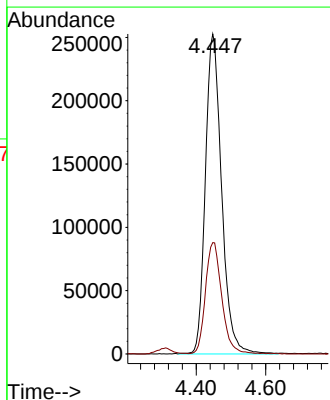
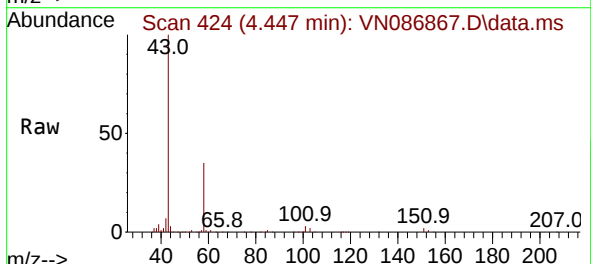
Manual Integrations
APPROVED

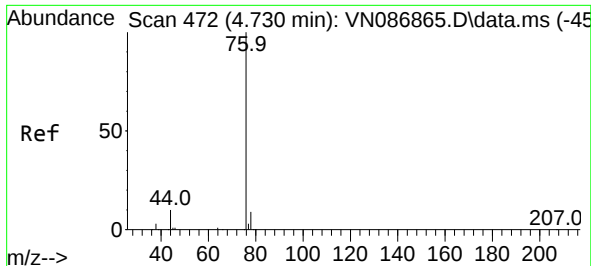
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#16
Acetone
Concen: 667.435 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

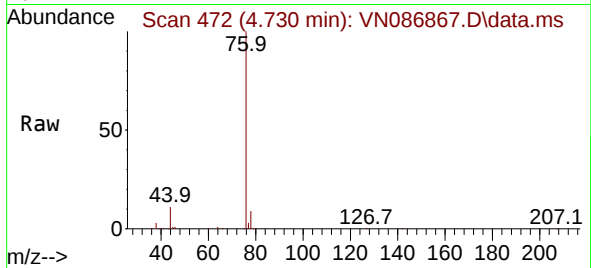
Tgt Ion: 43 Resp: 819041
Ion Ratio Lower Upper
43 100
58 34.7 28.0 42.0





#17
Carbon Disulfide
Concen: 139.594 ug/l
RT: 4.730 min Scan# 472
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

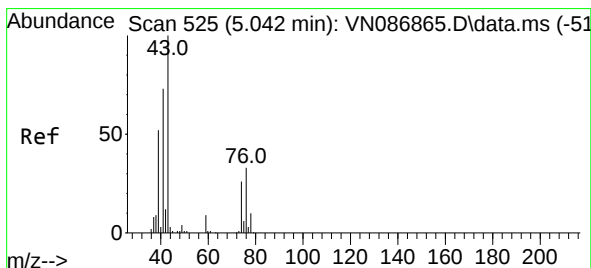
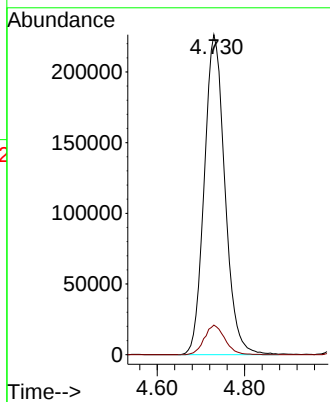
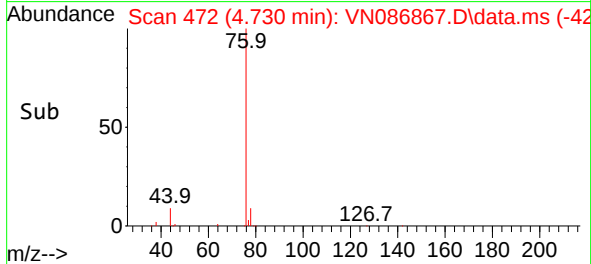
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



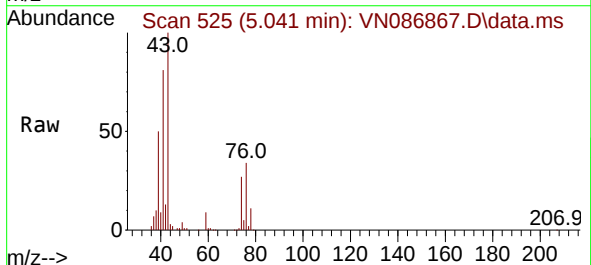
Tgt Ion: 76 Resp: 742788
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

Manual Integrations
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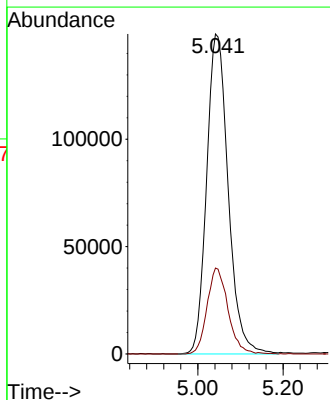
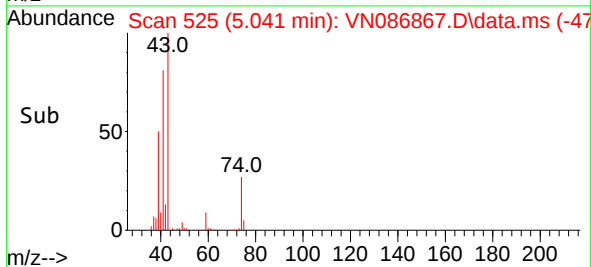
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

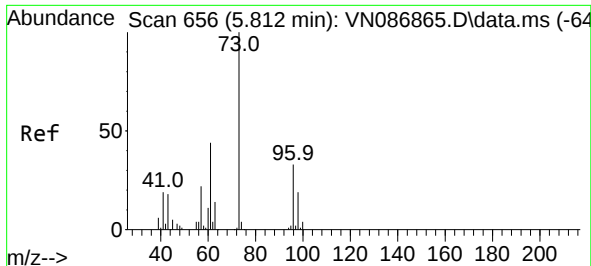


#18
Methyl Acetate
Concen: 146.527 ug/l
RT: 5.041 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49



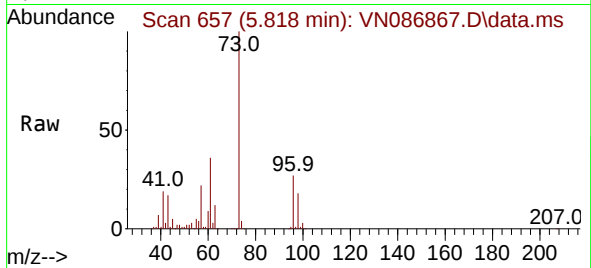
Tgt Ion: 43 Resp: 523996
Ion Ratio Lower Upper
43 100
74 26.1 20.7 31.1





#19
Methyl tert-butyl Ether
Concen: 143.396 ug/l
RT: 5.818 min Scan# 656
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

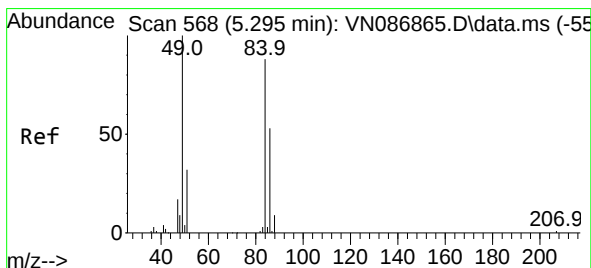
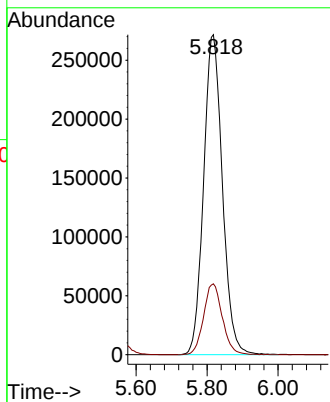
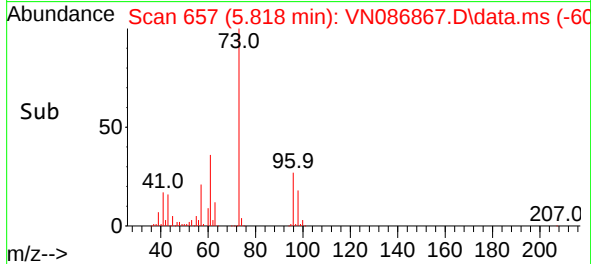
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



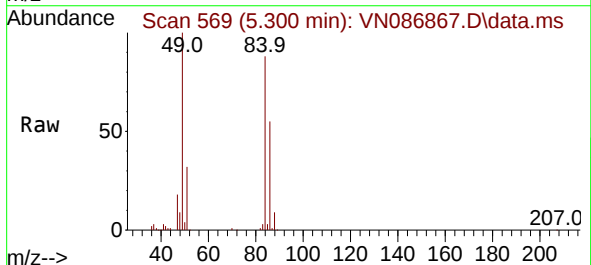
Tgt Ion: 73 Resp: 99878
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.2

Manual Integrations
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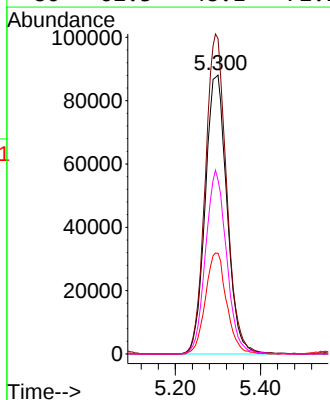
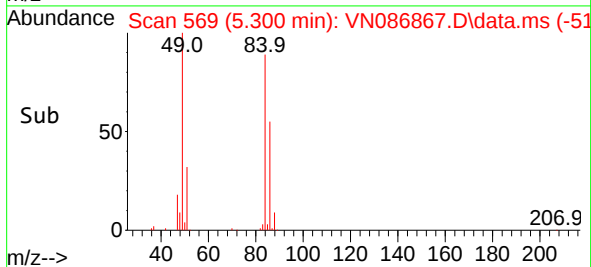
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

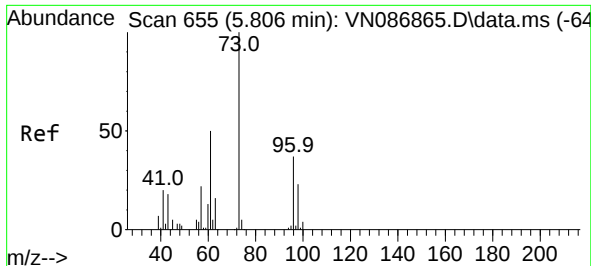


#20
Methylene Chloride
Concen: 135.628 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49



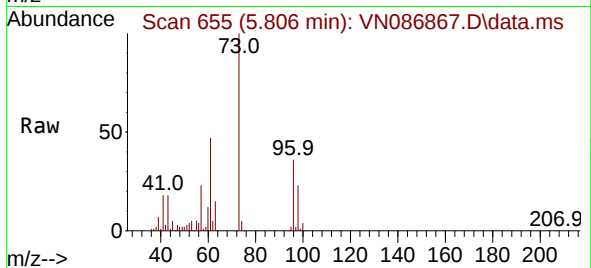
Tgt Ion: 84 Resp: 311597
Ion Ratio Lower Upper
84 100
49 113.0 90.5 135.7
51 36.1 28.5 42.7
86 62.3 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 135.947 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

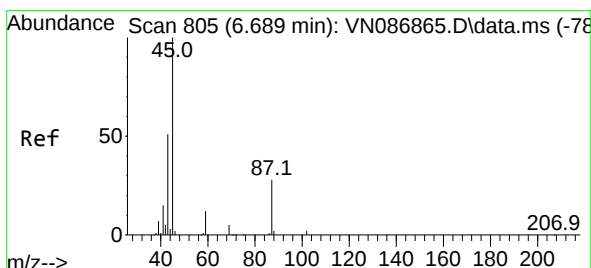
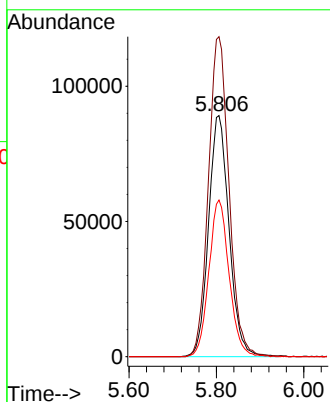
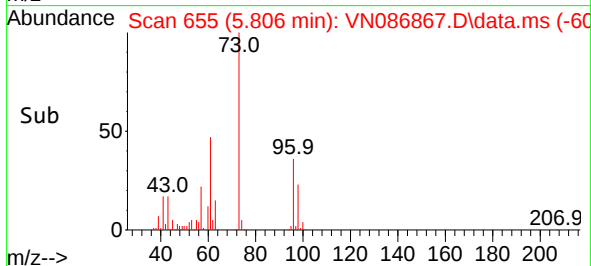
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



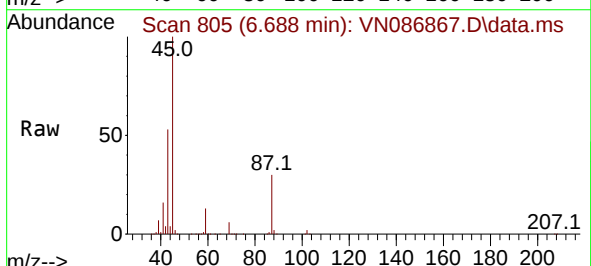
Tgt Ion: 96 Resp: 290960
Ion Ratio Lower Upper
96 100
61 132.7 109.2 163.8
98 65.0 49.8 74.8

Manual Integrations
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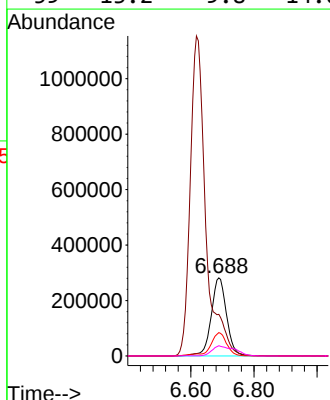
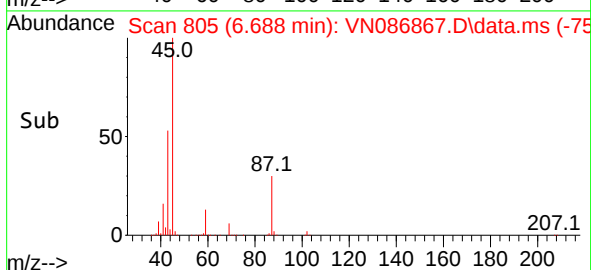
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#22
Diisopropyl ether
Concen: 140.915 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49



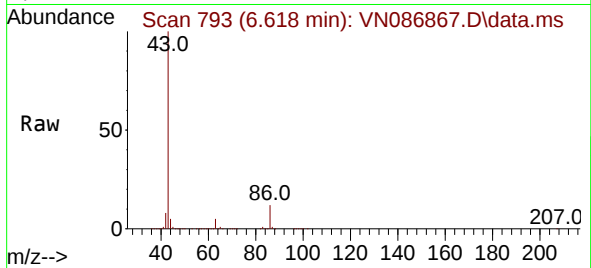
Tgt Ion: 45 Resp: 947638
Ion Ratio Lower Upper
45 100
43 53.1 41.9 62.9
87 29.9 22.4 33.6
59 13.2 9.8 14.6





#23
 Vinyl Acetate
 Concen: 692.189 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN086867.D
 Acq: 06 Jun 2025 14:49

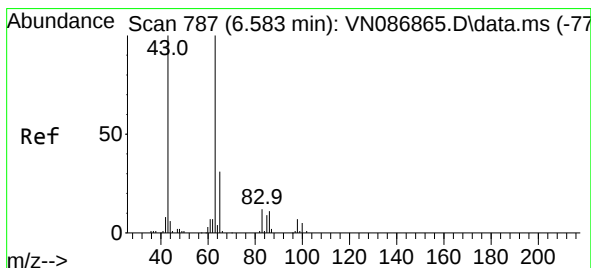
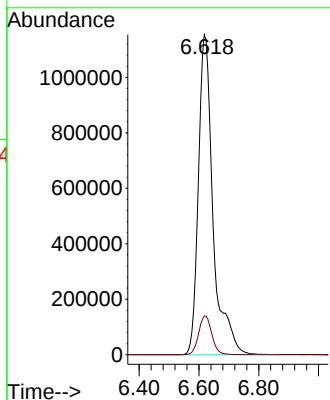
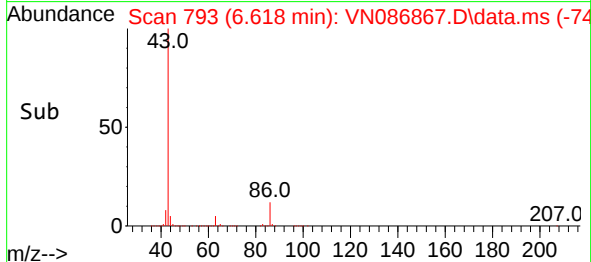
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



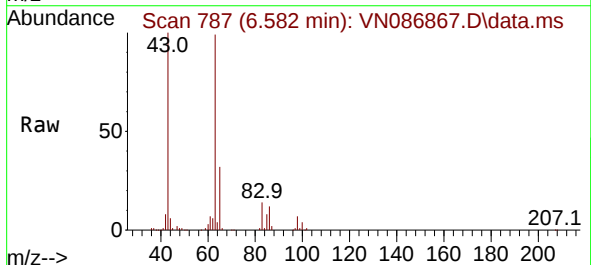
Tgt Ion: 43 Resp: 393287
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.5 14.3

Manual Integrations
 APPROVED

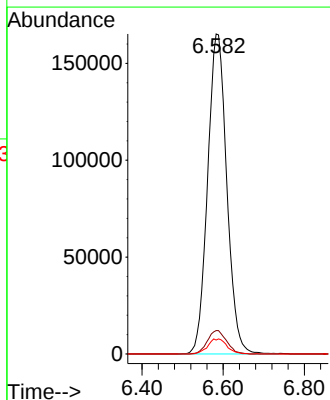
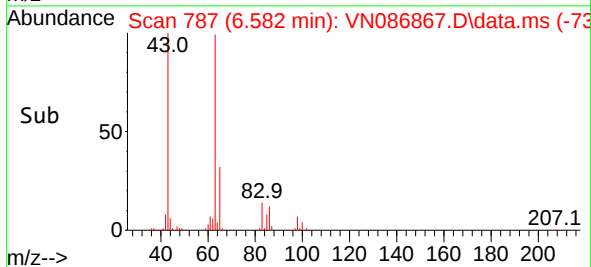
Reviewed By :John Carlone 06/09/2025
 Supervised By :Mahesh Dadoda 06/09/2025

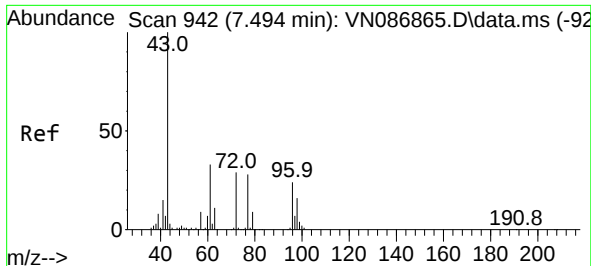


#24
 1,1-Dichloroethane
 Concen: 139.761 ug/l
 RT: 6.582 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN086867.D
 Acq: 06 Jun 2025 14:49



Tgt Ion: 63 Resp: 540881
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.4 2.6 7.8





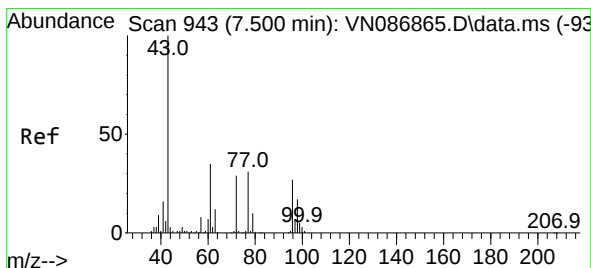
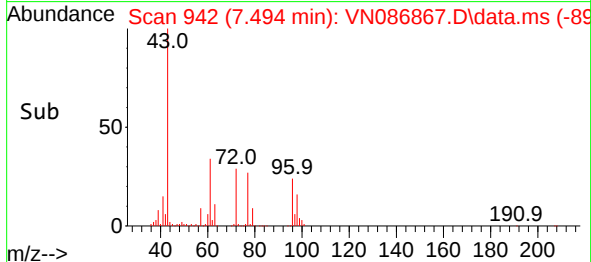
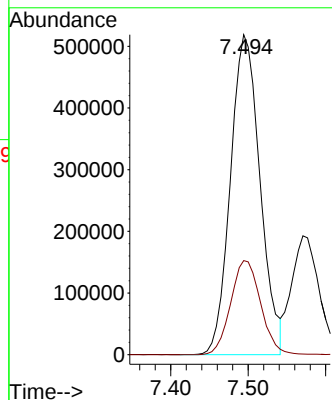
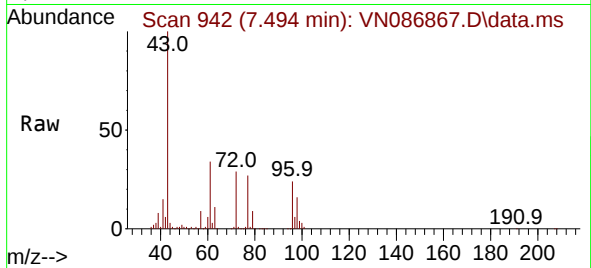
#25
2-Butanone
Concen: 692.809 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1381940
Ion Ratio Lower Upper
43 100
72 29.4 23.0 34.6

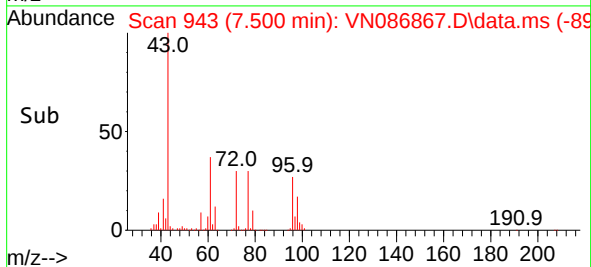
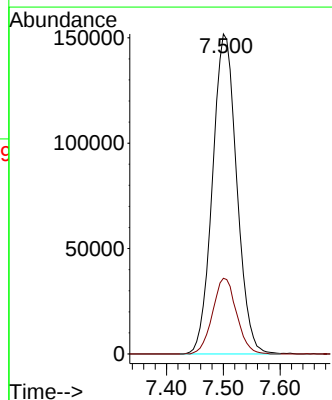
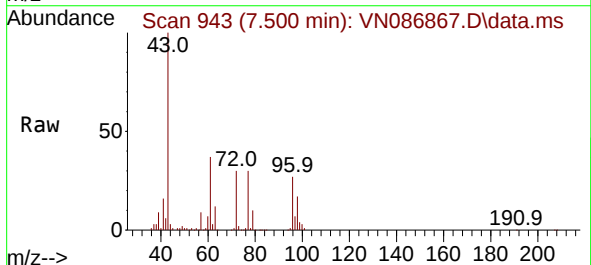
Manual Integrations
APPROVED

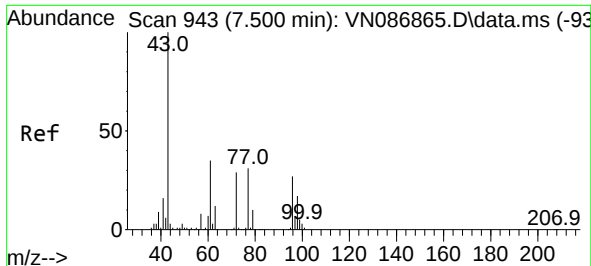
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#26
2,2-Dichloropropane
Concen: 149.519 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

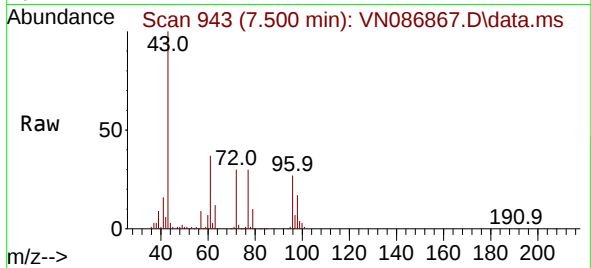
Tgt Ion: 77 Resp: 450112
Ion Ratio Lower Upper
77 100
97 23.4 11.6 34.7





#27
cis-1,2-Dichloroethene
Concen: 141.974 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

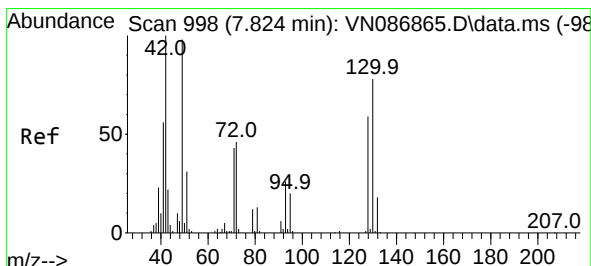
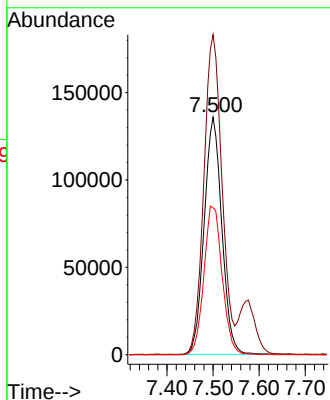
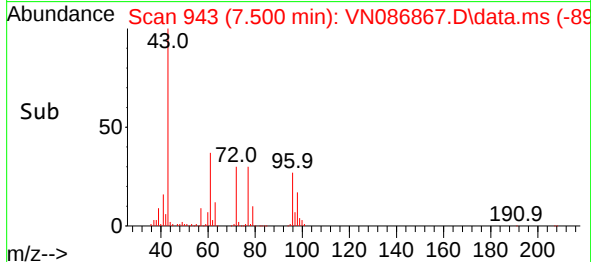
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 96 Resp: 363398
Ion Ratio Lower Upper
96 100
61 138.0 0.0 278.0
98 64.5 0.0 128.2

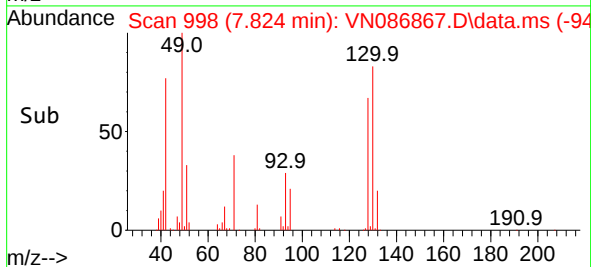
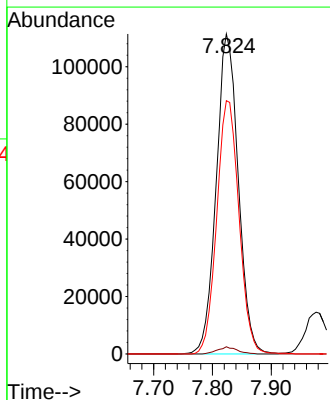
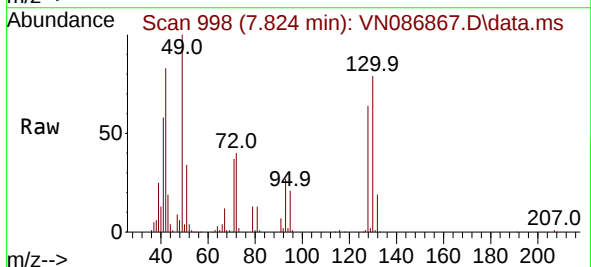
Manual Integrations
APPROVED

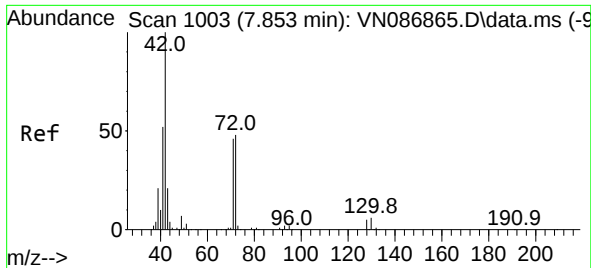
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#28
Bromochloromethane
Concen: 152.718 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 49 Resp: 290594
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.8
130 79.8 62.2 93.2





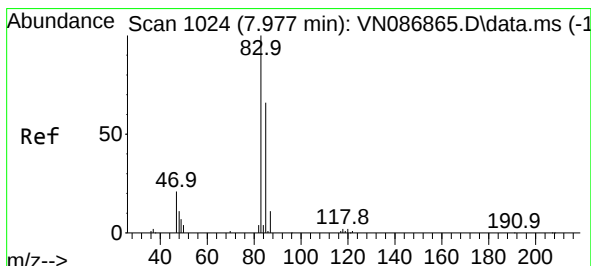
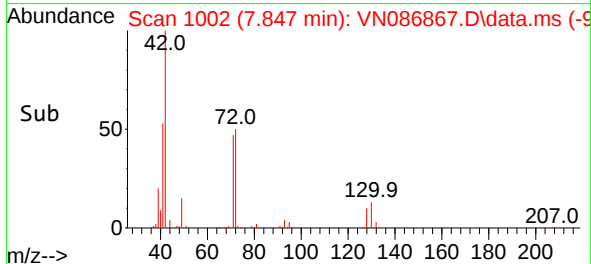
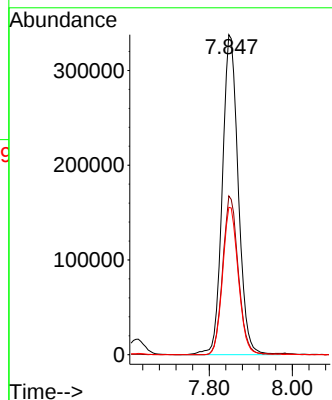
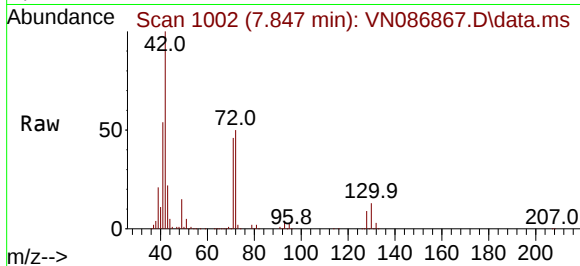
#29
Tetrahydrofuran
Concen: 691.211 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 42 Resp: 89815
Ion Ratio Lower Upper
42 100
72 48.5 37.8 56.6
71 45.4 35.6 53.4

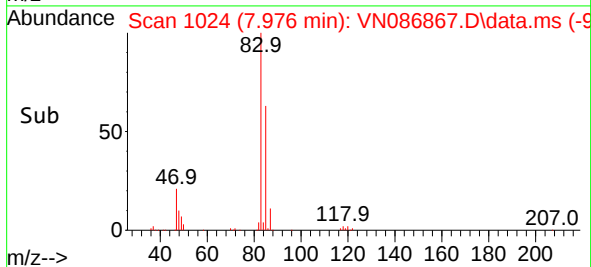
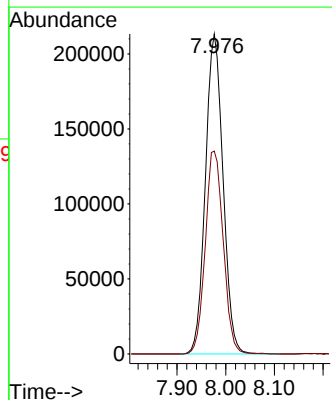
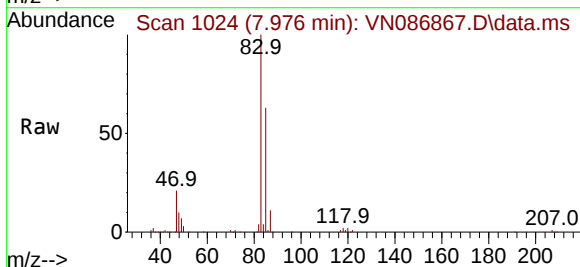
Manual Integrations
APPROVED

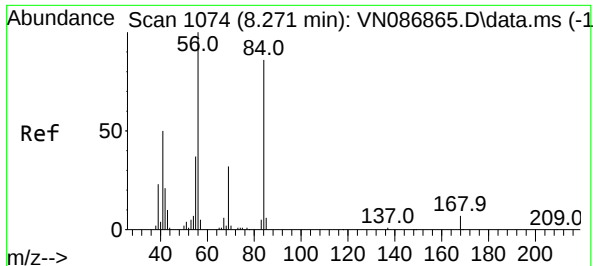
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#30
Chloroform
Concen: 138.179 ug/l
RT: 7.976 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

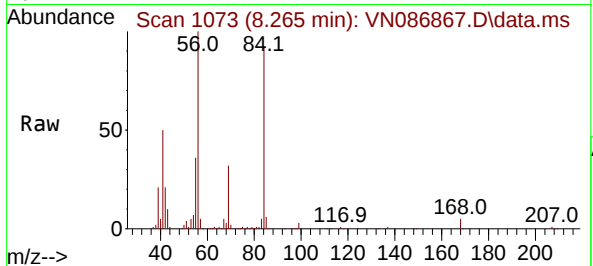
Tgt Ion: 83 Resp: 534038
Ion Ratio Lower Upper
83 100
85 63.4 52.9 79.3





#31
Cyclohexane
Concen: 134.766 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

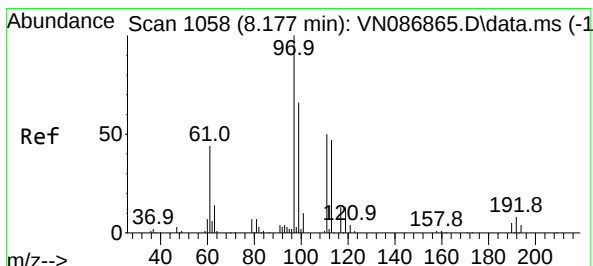
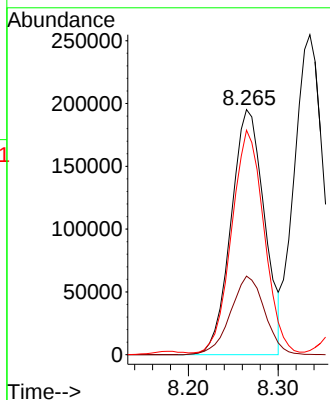
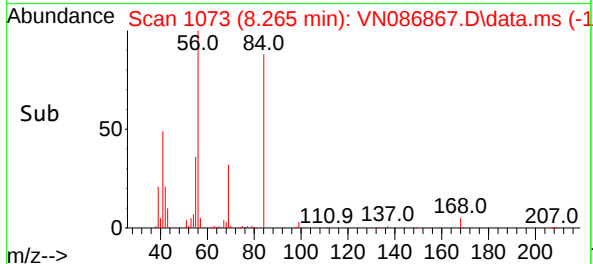
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



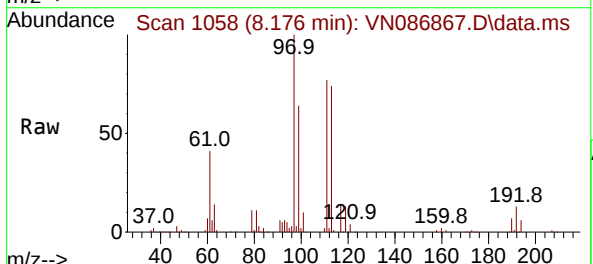
Tgt Ion: 56 Resp: 50579
Ion Ratio Lower Upper
56 100
69 32.0 25.4 38.0
84 90.6 68.8 103.2

Manual Integrations
APPROVED

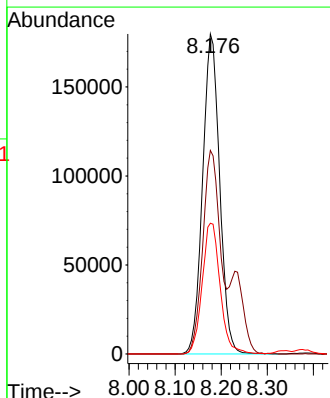
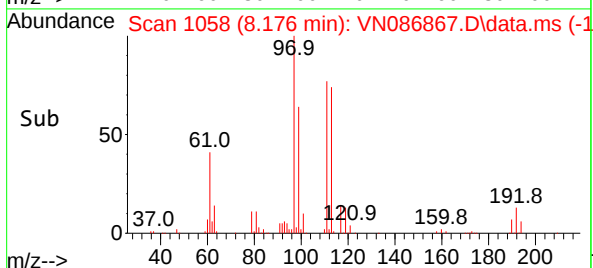
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

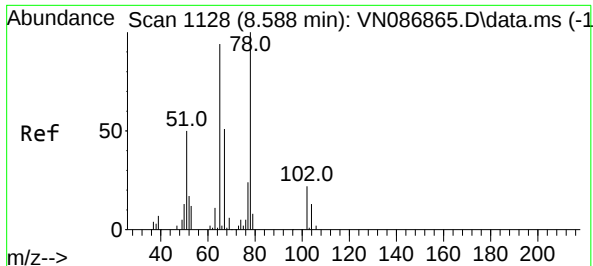


#32
1,1,1-Trichloroethane
Concen: 140.807 ug/l
RT: 8.176 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49



Tgt Ion: 97 Resp: 462854
Ion Ratio Lower Upper
97 100
99 64.9 52.0 78.0
61 43.2 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 168.233 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086867.D

Acq: 06 Jun 2025 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 65 Resp: 38929

Ion Ratio Lower Upper

65 100

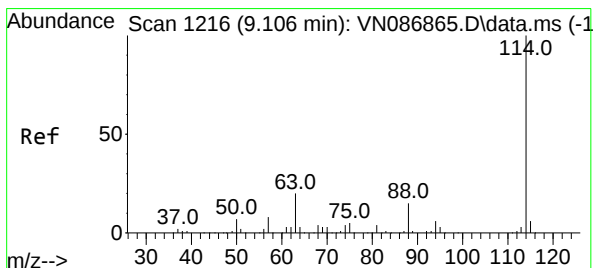
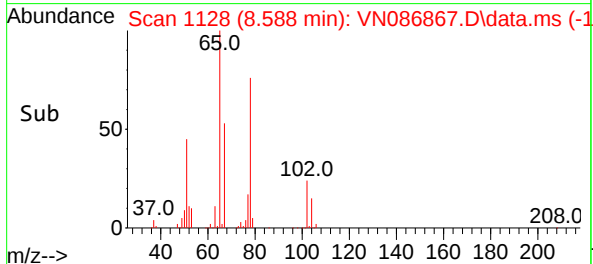
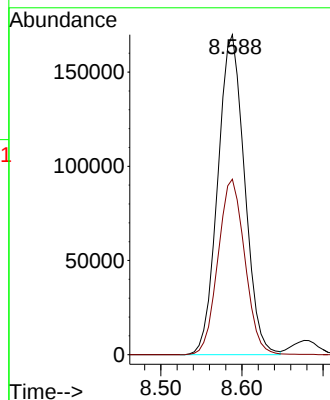
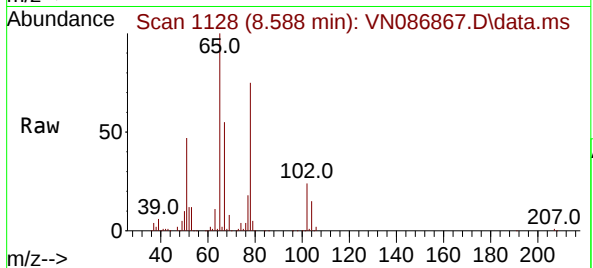
67 54.9 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086867.D

Acq: 06 Jun 2025 14:49

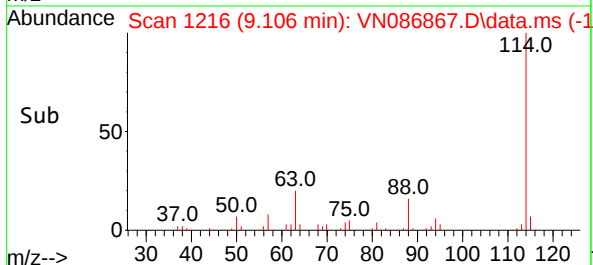
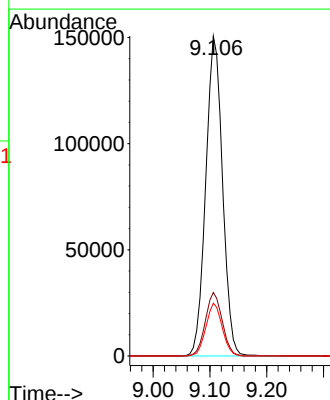
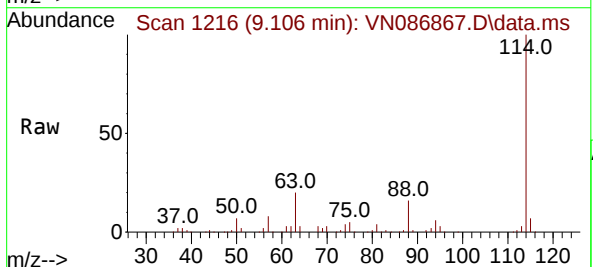
Tgt Ion:114 Resp: 307937

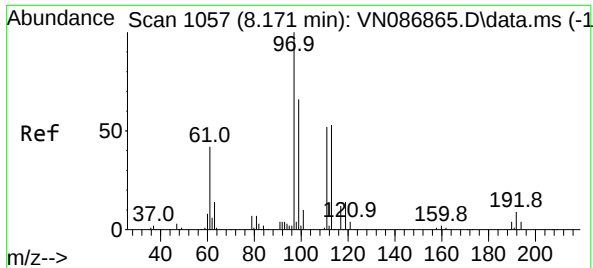
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

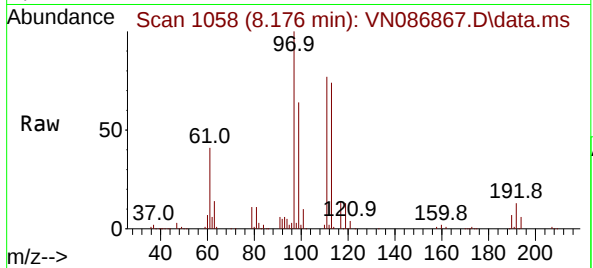
88 16.5 0.0 30.2





#35
Dibromofluoromethane
Concen: 177.803 ug/l
RT: 8.176 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

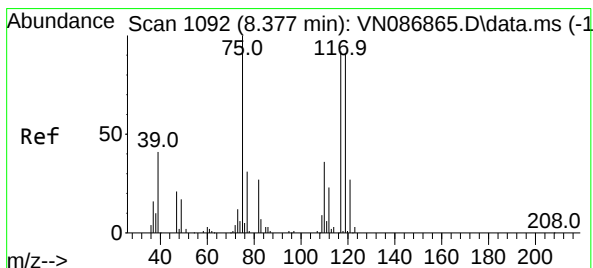
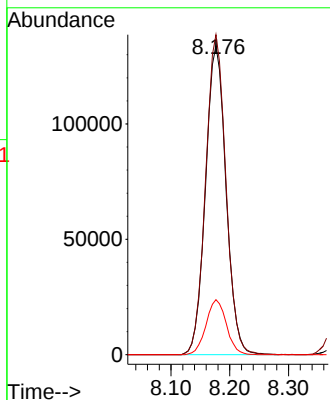
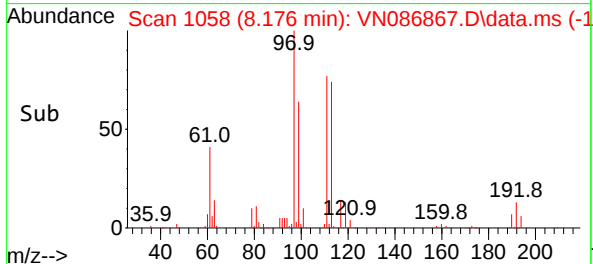
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 113 Resp: 324474
Ion Ratio Lower Upper
113 100
111 102.5 84.2 126.2
192 17.7 14.2 21.4

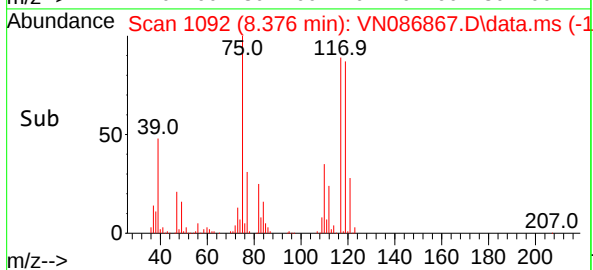
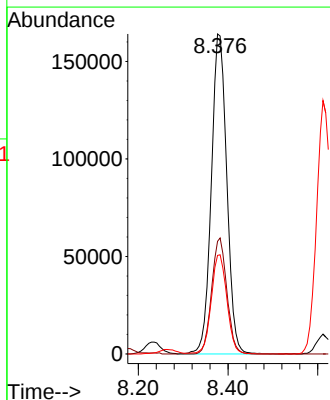
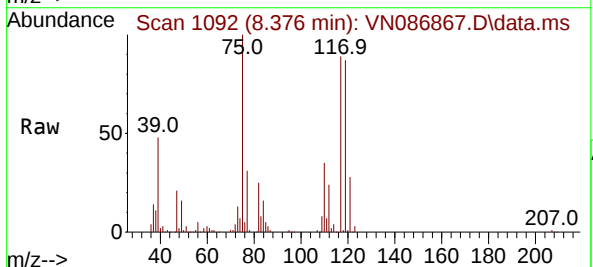
Manual Integrations
APPROVED

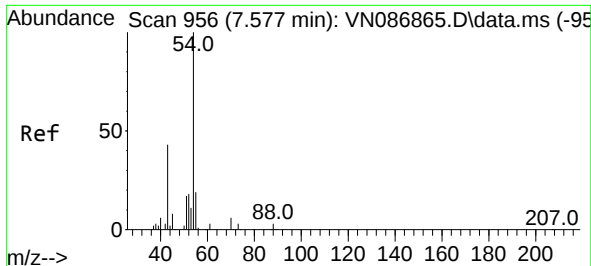
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#36
1,1-Dichloropropene
Concen: 144.584 ug/l
RT: 8.376 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

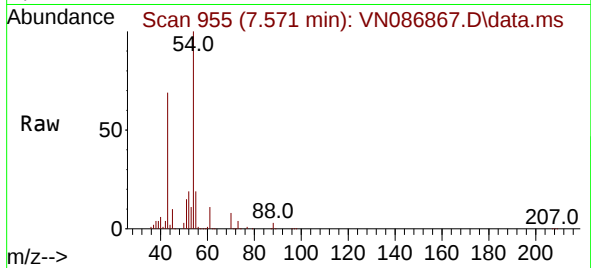
Tgt Ion: 75 Resp: 393166
Ion Ratio Lower Upper
75 100
110 35.6 17.6 52.9
77 31.4 25.3 37.9





#37
Ethyl Acetate
Concen: 142.706 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

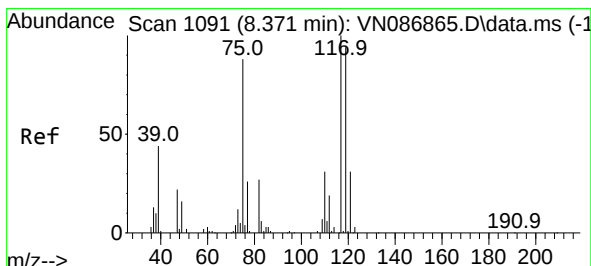
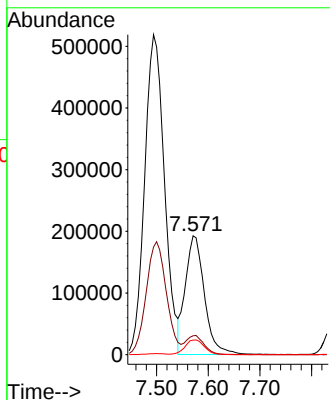
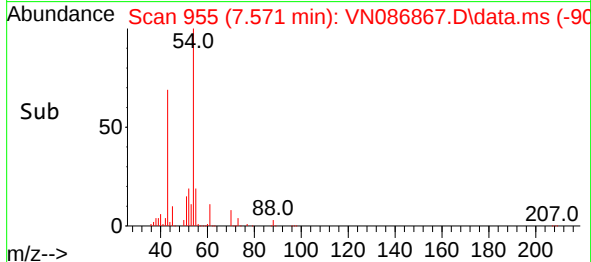
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 494000
Ion Ratio Lower Upper
43 100
61 15.4 12.1 18.1
70 12.7 9.8 14.6

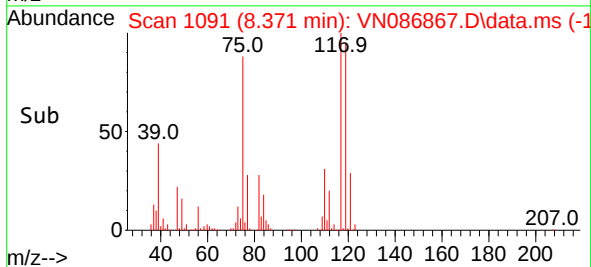
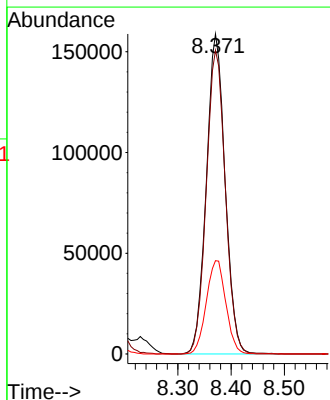
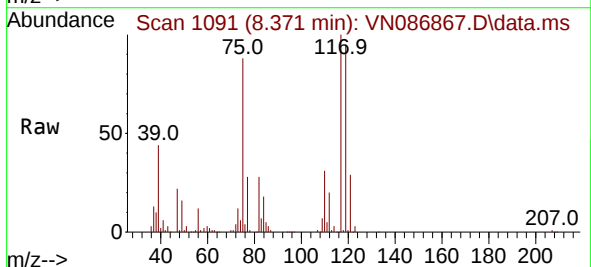
Manual Integrations
APPROVED

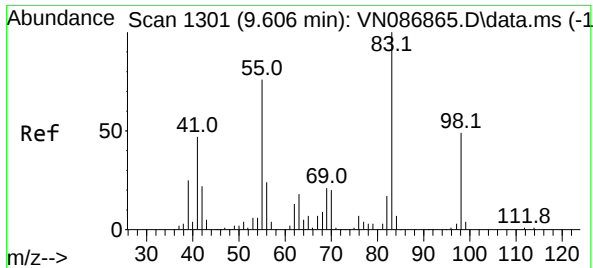
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#38
Carbon Tetrachloride
Concen: 145.557 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

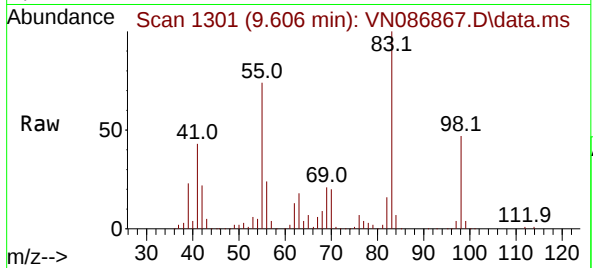
Tgt Ion:117 Resp: 388595
Ion Ratio Lower Upper
117 100
119 94.9 75.0 112.6
121 29.1 24.9 37.3





#39
Methylcyclohexane
Concen: 146.136 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

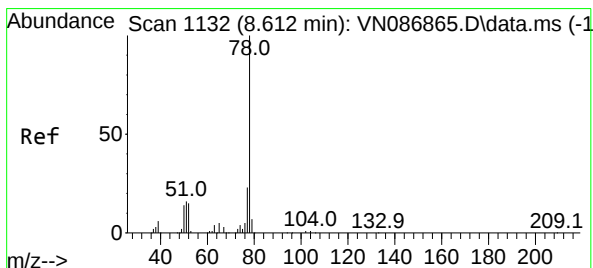
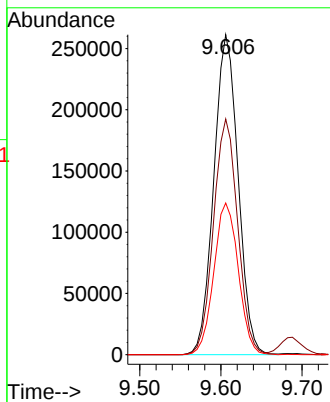
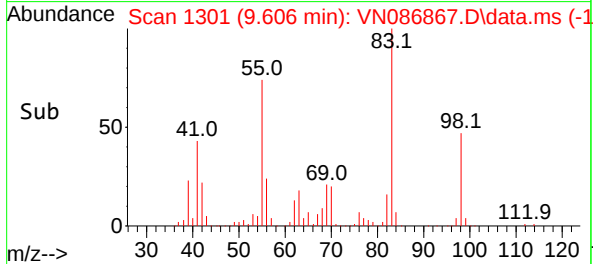
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



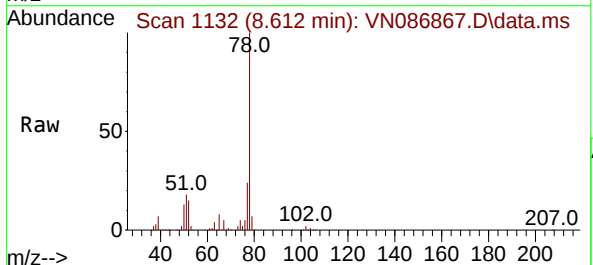
Tgt Ion: 83 Resp: 54443
Ion Ratio Lower Upper
83 100
55 73.6 61.0 91.6
98 47.4 38.9 58.3

Manual Integrations
APPROVED

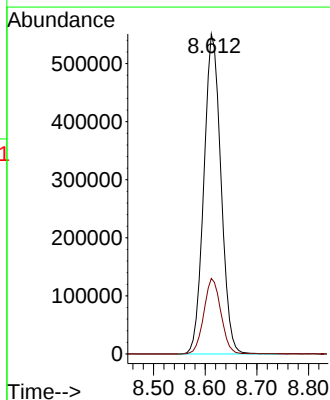
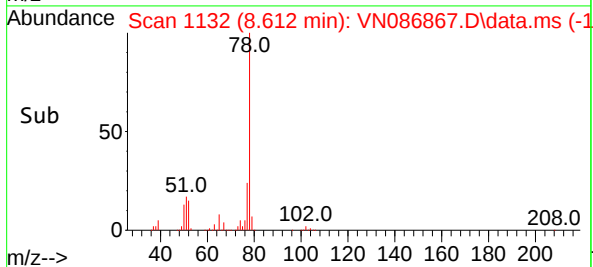
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

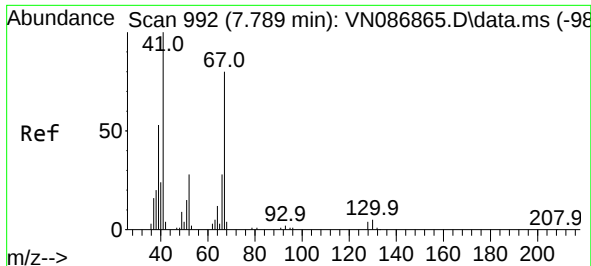


#40
Benzene
Concen: 142.388 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49



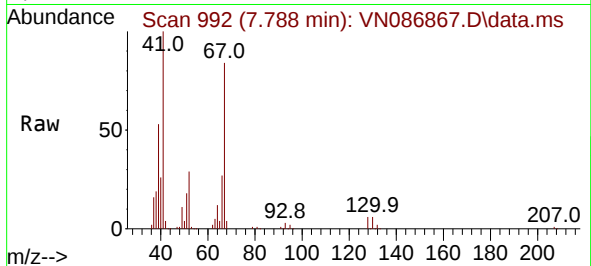
Tgt Ion: 78 Resp: 1266139
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1





#41
Methacrylonitrile
Concen: 142.174 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

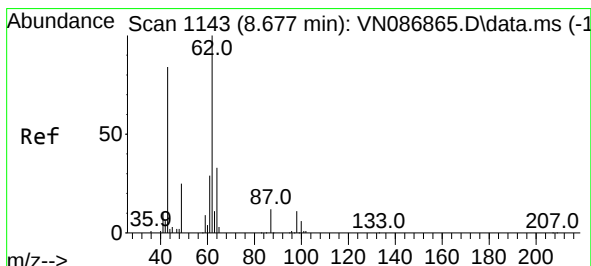
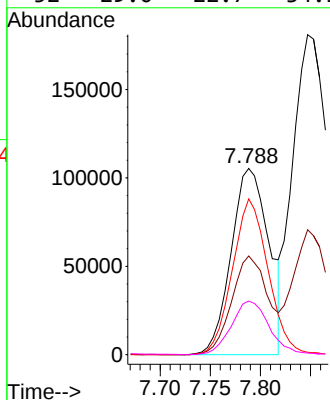
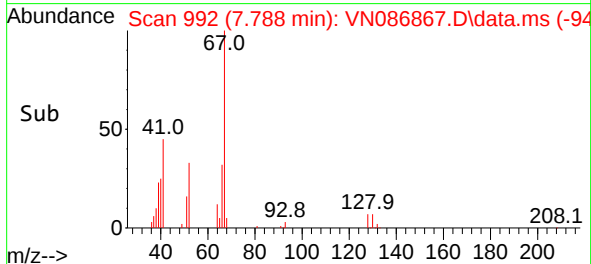
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



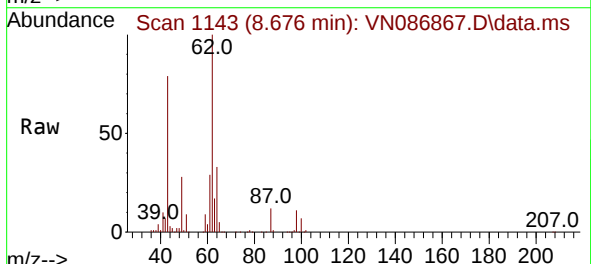
Tgt Ion: 41 Resp: 276400
Ion Ratio Lower Upper
41 100
39 50.9 41.2 61.8
67 79.4 61.4 92.2
52 29.0 22.7 34.1

Manual Integrations
APPROVED

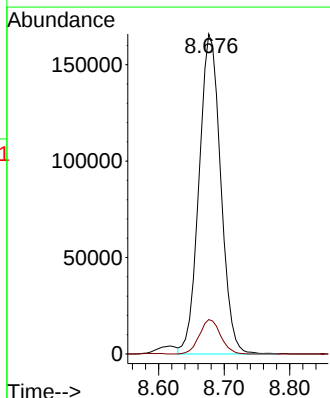
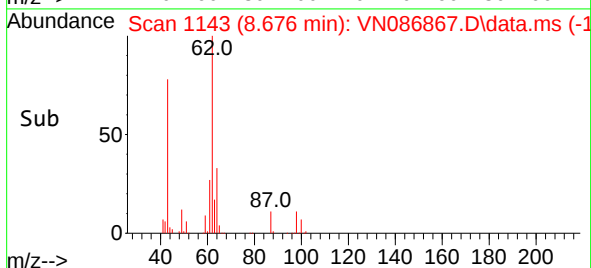
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

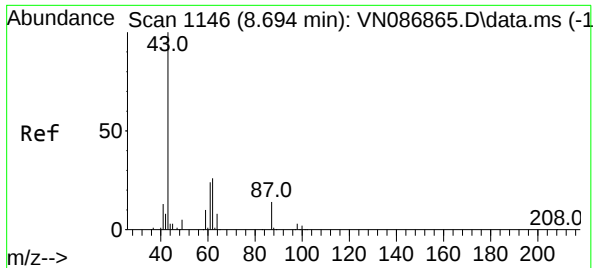


#42
1,2-Dichloroethane
Concen: 141.455 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49



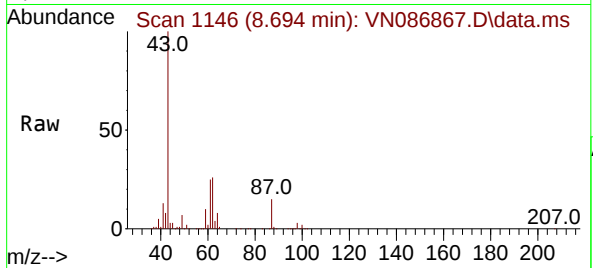
Tgt Ion: 62 Resp: 381516
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.2





#43
Isopropyl Acetate
Concen: 140.531 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

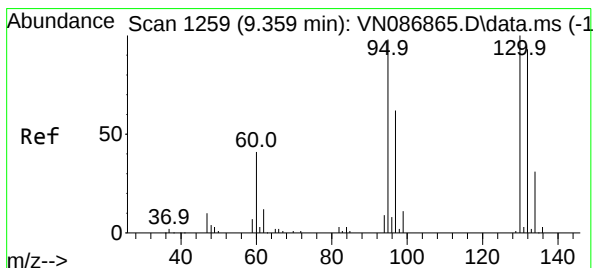
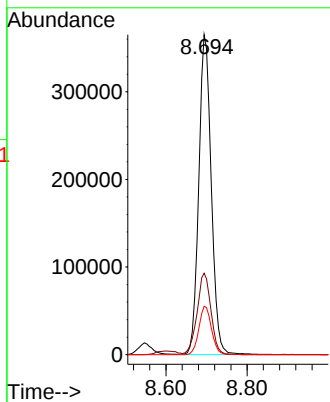
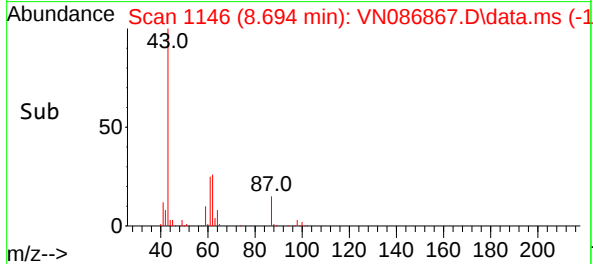
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 78079
Ion Ratio Lower Upper
43 100
61 28.3 22.1 33.1
87 15.3 11.8 17.6

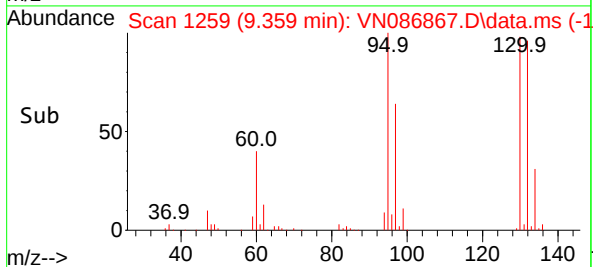
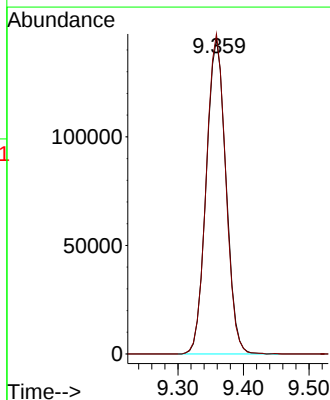
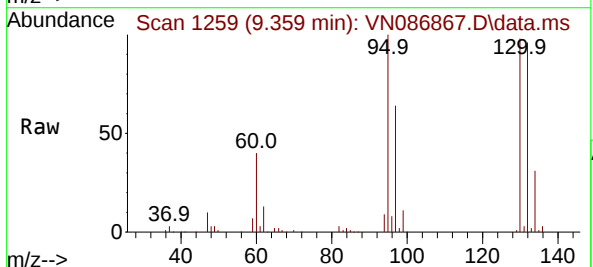
Manual Integrations
APPROVED

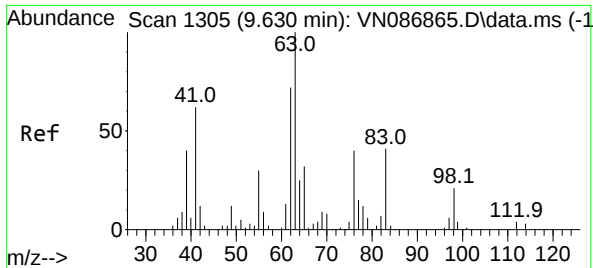
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#44
Trichloroethene
Concen: 143.490 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

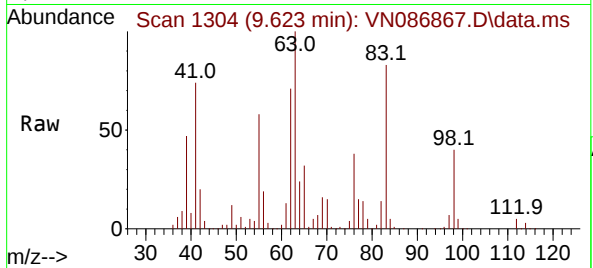
Tgt Ion:130 Resp: 302548
Ion Ratio Lower Upper
130 100
95 101.6 0.0 196.2





#45
1,2-Dichloropropane
Concen: 142.856 ug/l
RT: 9.623 min Scan# 1304
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

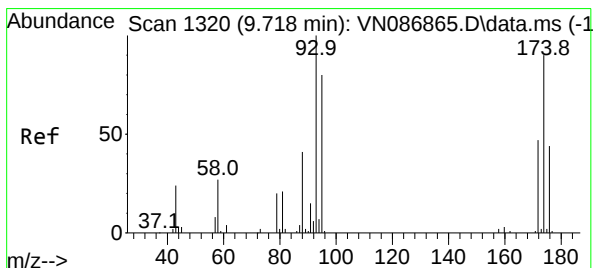
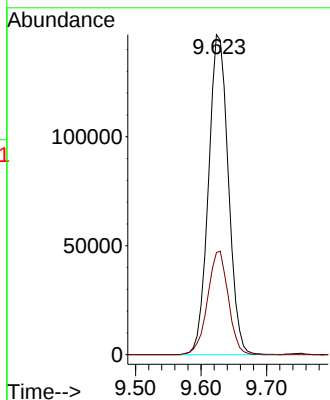
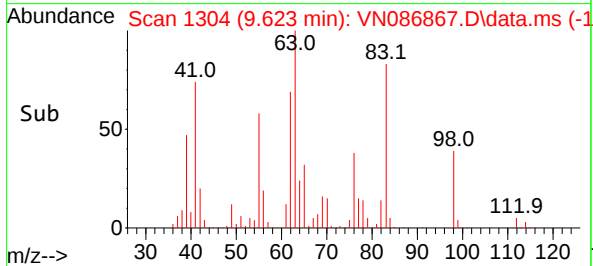
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



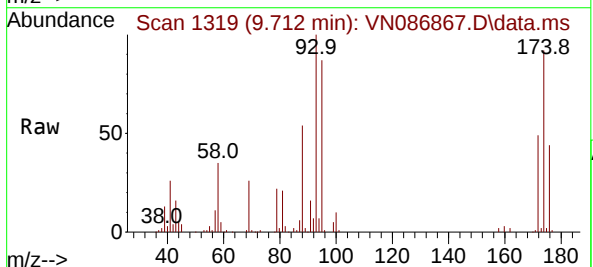
Tgt Ion: 63 Resp: 30904
Ion Ratio Lower Upper
63 100
65 31.9 25.5 38.3

Manual Integrations
APPROVED

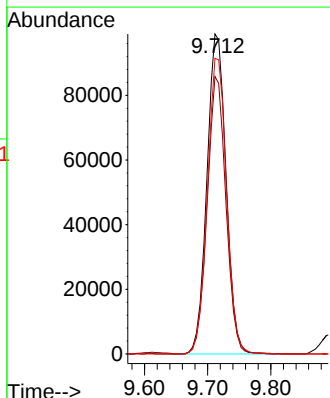
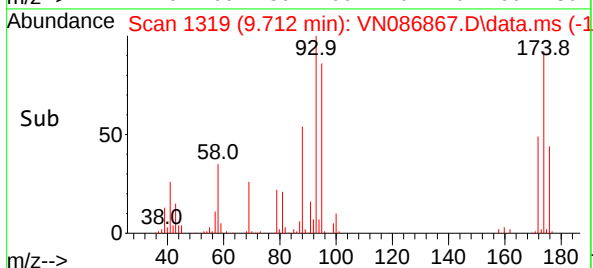
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

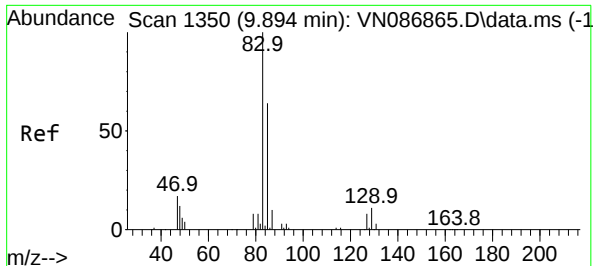


#46
Dibromomethane
Concen: 145.074 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49



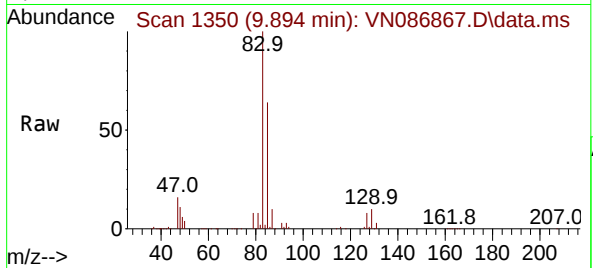
Tgt Ion: 93 Resp: 208461
Ion Ratio Lower Upper
93 100
95 84.8 67.1 100.7
174 92.8 74.2 111.4





#47
Bromodichloromethane
Concen: 145.449 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

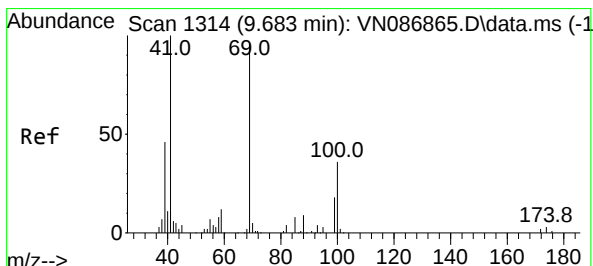
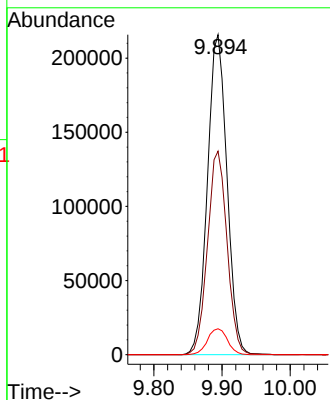
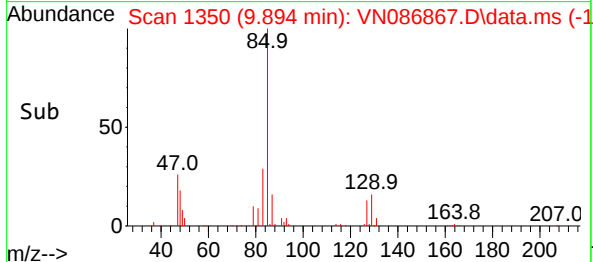
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



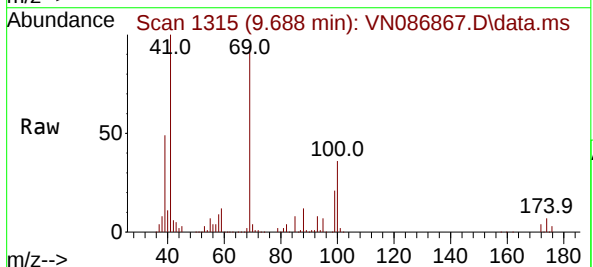
Tgt Ion: 83 Resp: 43001
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3
127 8.1 6.6 10.0

Manual Integrations
APPROVED

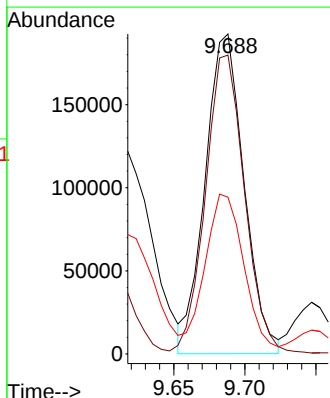
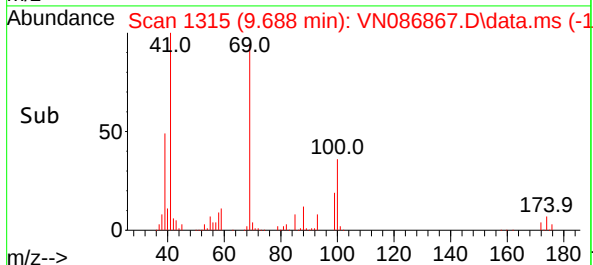
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

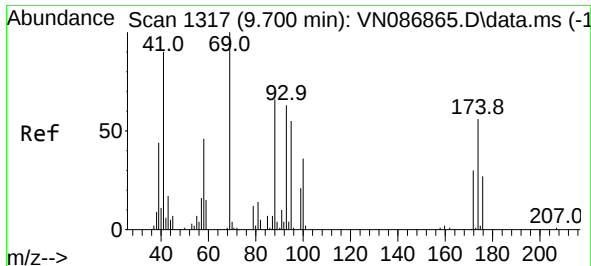


#48
Methyl methacrylate
Concen: 143.502 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49



Tgt Ion: 41 Resp: 366967
Ion Ratio Lower Upper
41 100
69 94.2 74.6 112.0
39 50.8 40.2 60.4





#49

1,4-Dioxane

Concen: 2967.116 ug/l

RT: 9.712 min Scan# 1317

Delta R.T. 0.011 min

Lab File: VN086867.D

Acq: 06 Jun 2025 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 88 Resp: 138035

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

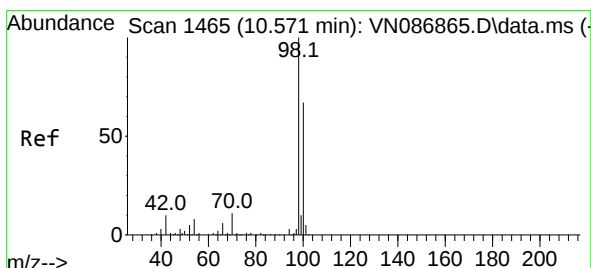
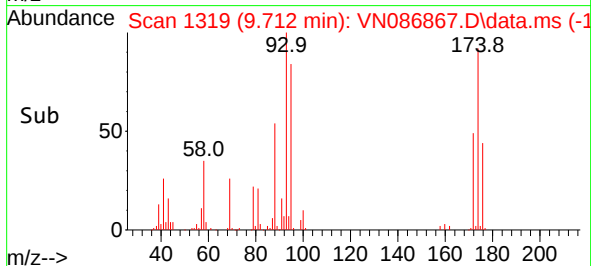
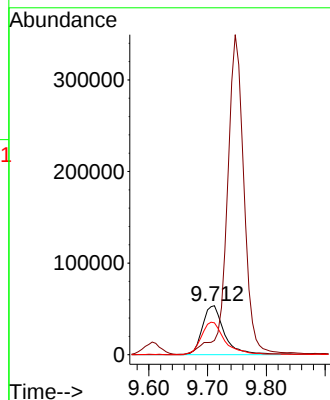
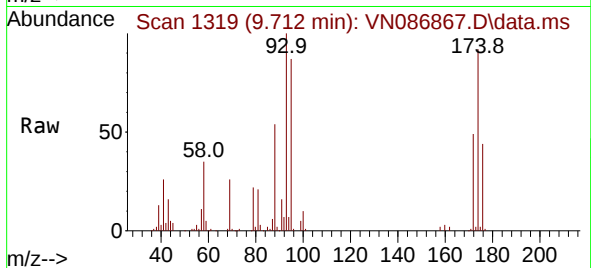
58 72.2 57.7 86.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025



#50

Toluene-d8

Concen: 176.120 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN086867.D

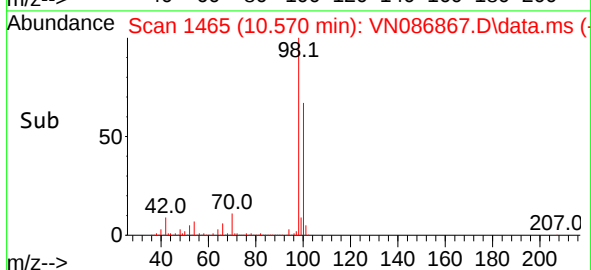
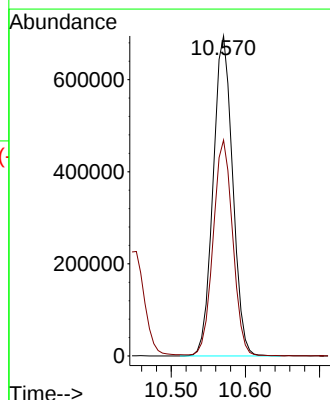
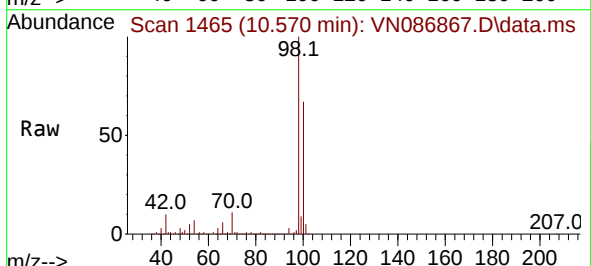
Acq: 06 Jun 2025 14:49

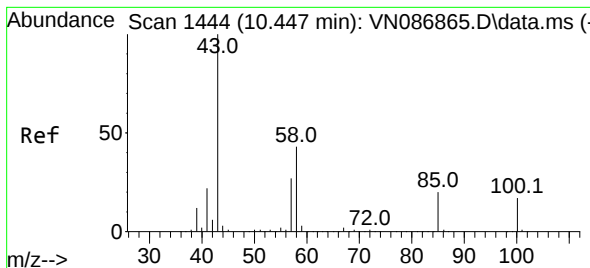
Tgt Ion: 98 Resp: 1272348

Ion Ratio Lower Upper

98 100

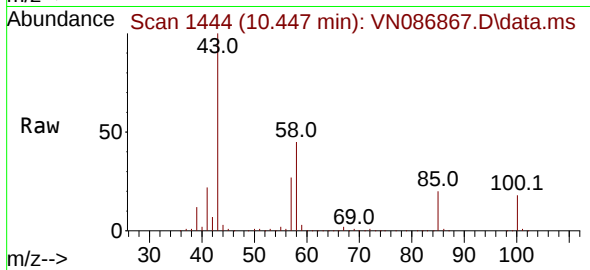
100 67.5 53.4 80.0





#51
4-Methyl-2-Pentanone
Concen: 728.995 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

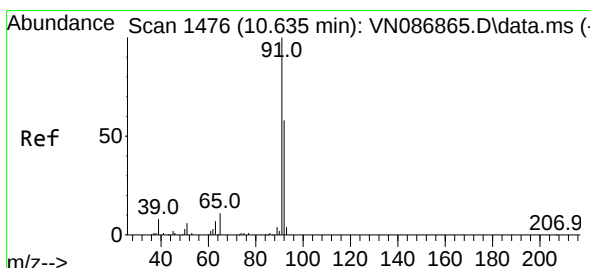
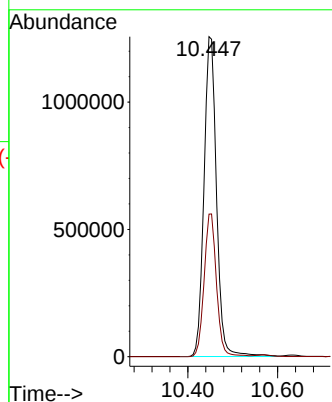
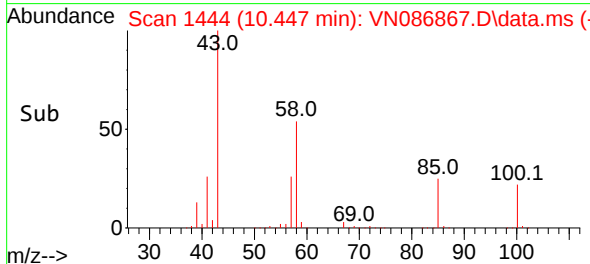
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



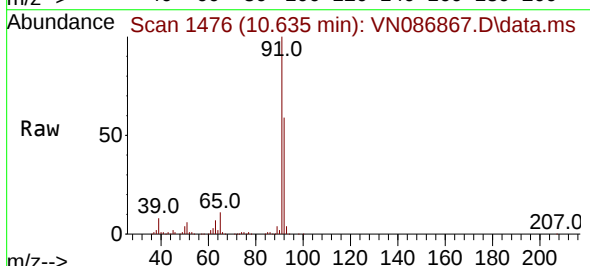
Tgt Ion: 43 Resp: 243831
Ion Ratio Lower Upper
43 100
58 44.0 34.2 51.4

Manual Integrations
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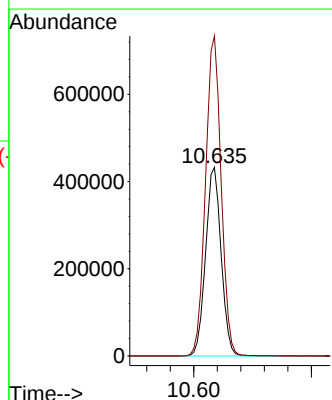
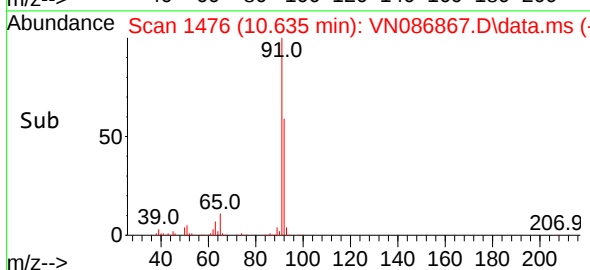
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

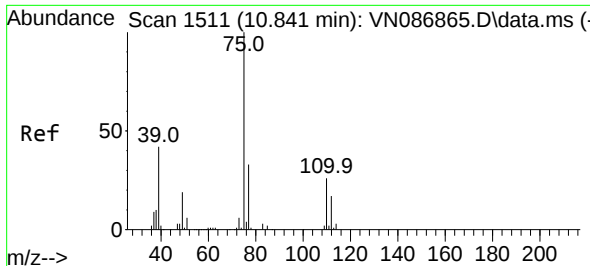


#52
Toluene
Concen: 145.976 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49



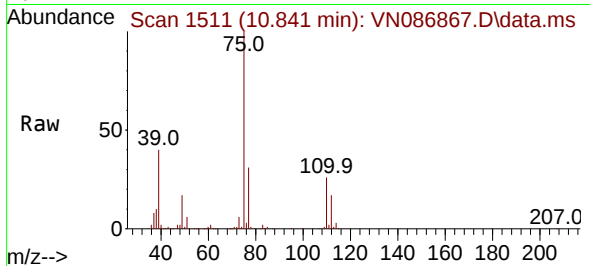
Tgt Ion: 92 Resp: 793270
Ion Ratio Lower Upper
92 100
91 170.2 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 148.163 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

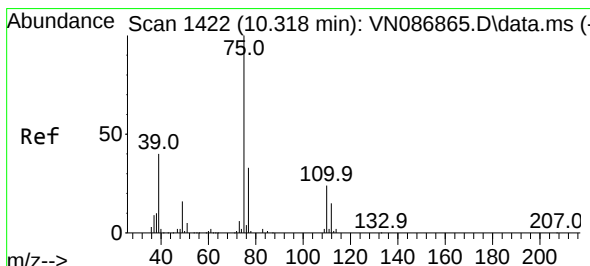
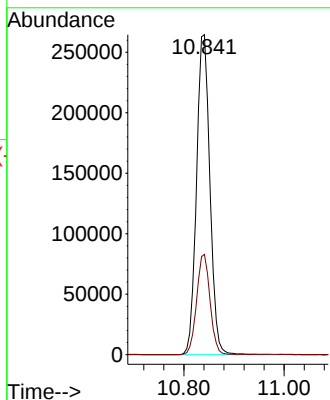
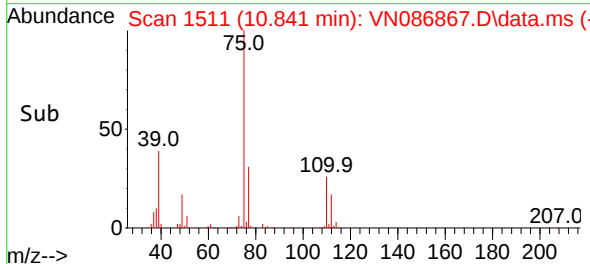
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



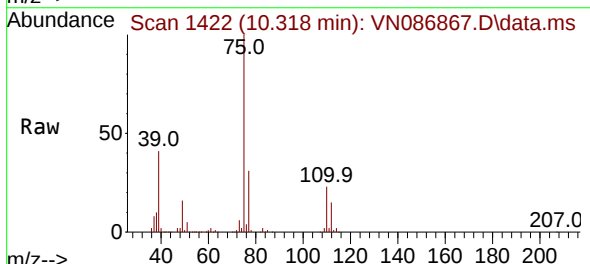
Tgt Ion: 75 Resp: 489809
Ion Ratio Lower Upper
75 100
77 31.4 26.4 39.6

Manual Integrations
APPROVED

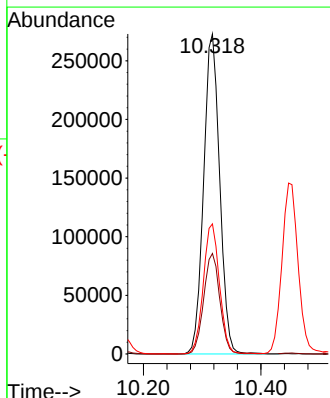
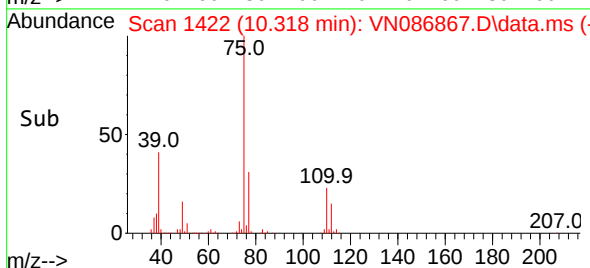
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

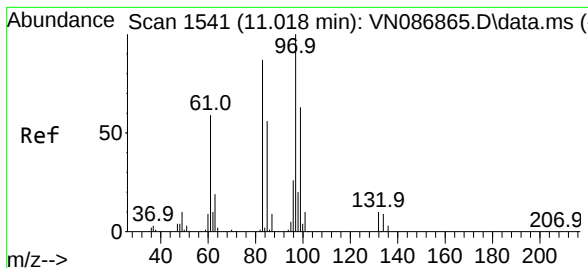


#54
cis-1,3-Dichloropropene
Concen: 146.469 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49



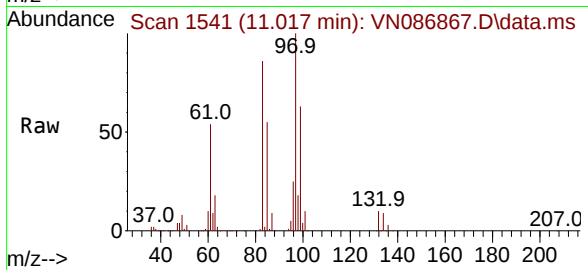
Tgt Ion: 75 Resp: 518092
Ion Ratio Lower Upper
75 100
77 31.4 26.2 39.4
39 40.6 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 142.588 ug/l
RT: 11.017 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

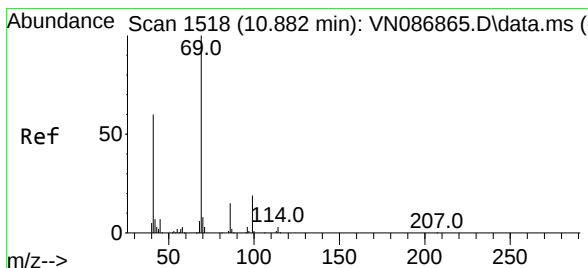
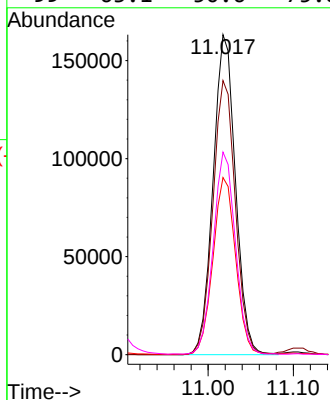
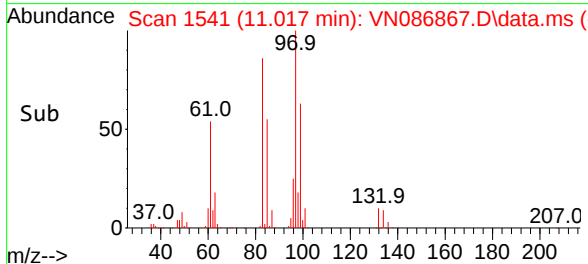
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



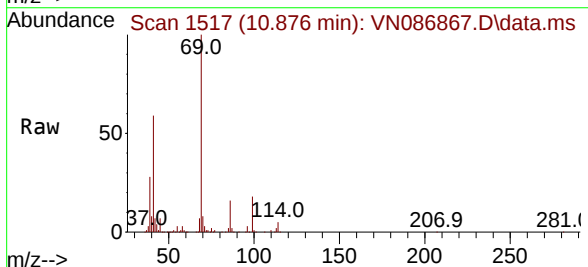
Tgt Ion: 97 Resp: 29815
Ion Ratio Lower Upper
97 100
83 85.6 69.7 104.5
85 55.2 45.1 67.7
99 63.1 50.6 75.8

Manual Integrations
APPROVED

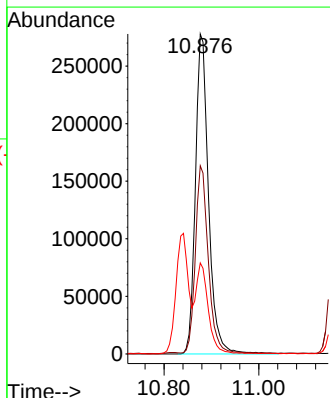
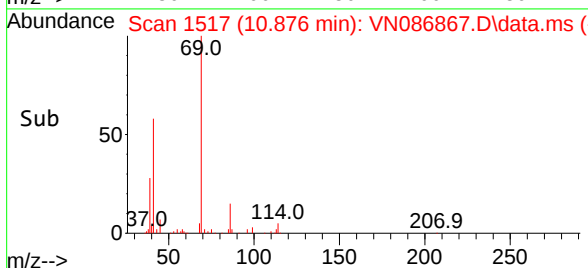
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

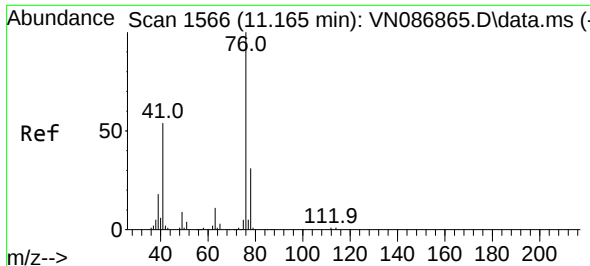


#56
Ethyl methacrylate
Concen: 160.311 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49



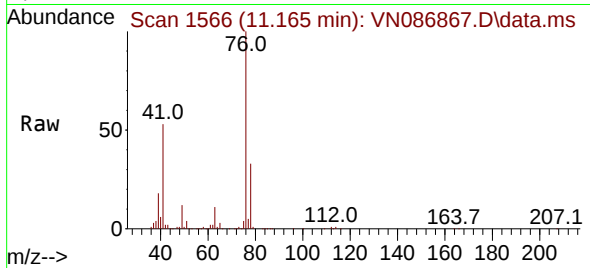
Tgt Ion: 69 Resp: 533912
Ion Ratio Lower Upper
69 100
41 57.5 47.2 70.8
39 27.0 23.0 34.6





#57
1,3-Dichloropropane
Concen: 142.363 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

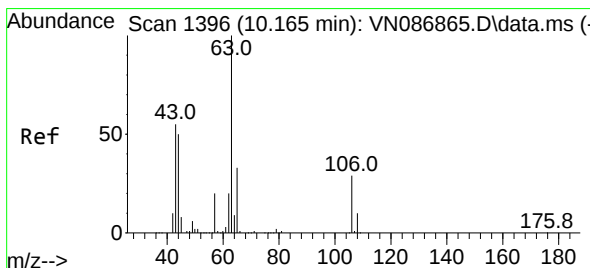
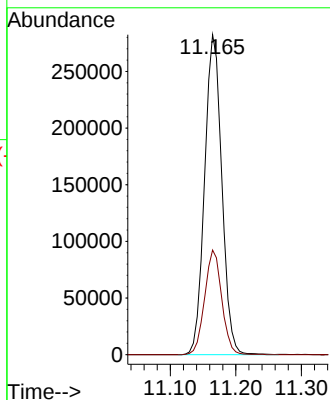
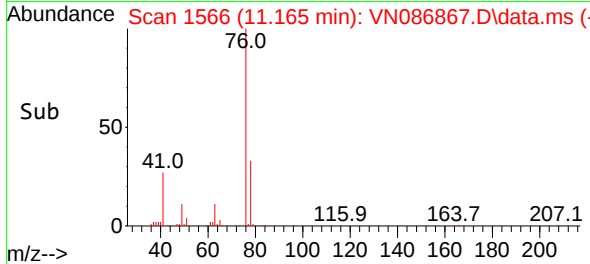
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 76 Resp: 51639
Ion Ratio Lower Upper
76 100
78 32.5 25.3 37.9

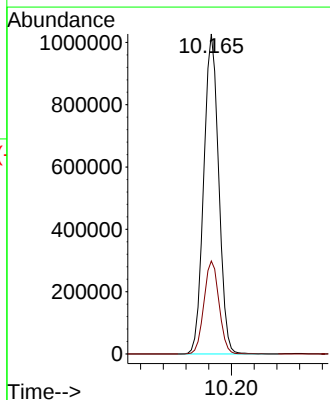
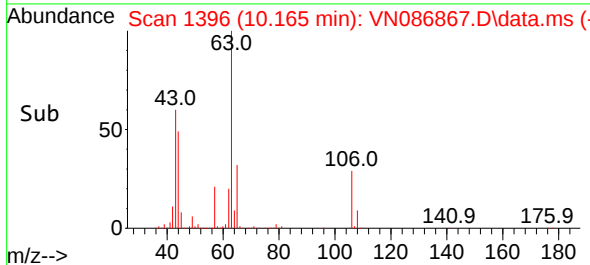
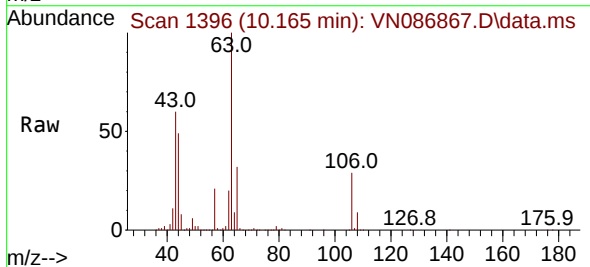
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#58
2-Chloroethyl Vinyl ether
Concen: 941.147 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

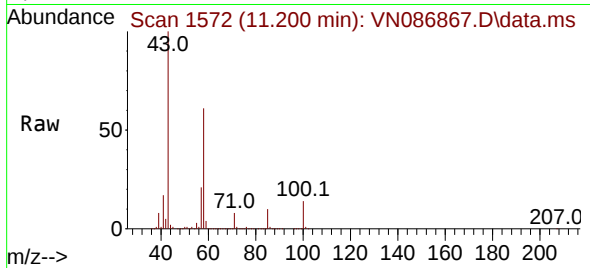
Tgt Ion: 63 Resp: 1869543
Ion Ratio Lower Upper
63 100
106 29.2 23.0 34.6





#59
2-Hexanone
Concen: 805.662 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

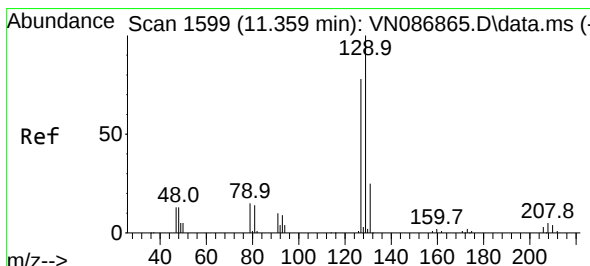
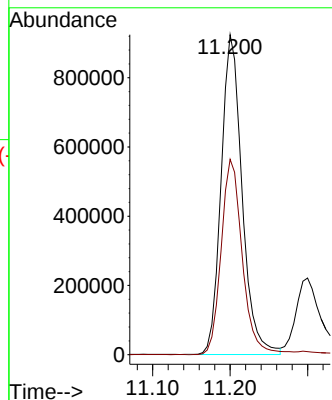
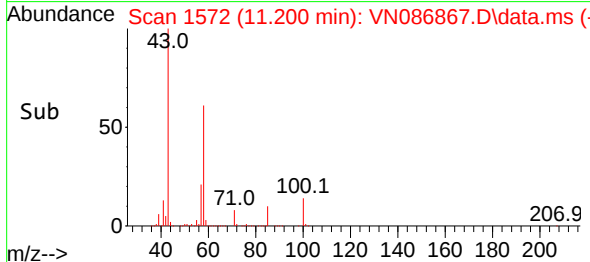
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 173577
Ion Ratio Lower Upper
43 100
58 61.6 30.4 91.3

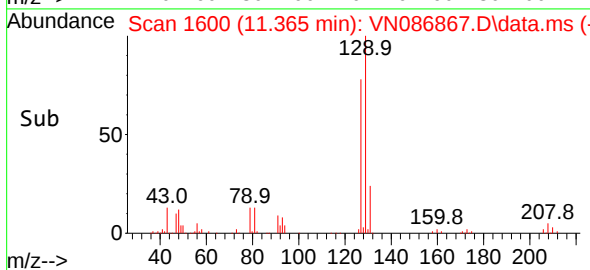
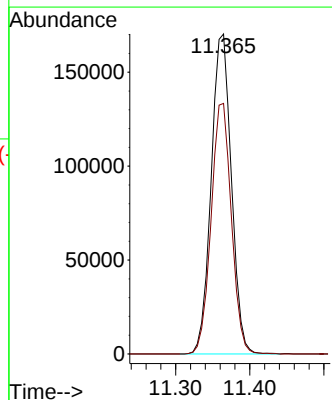
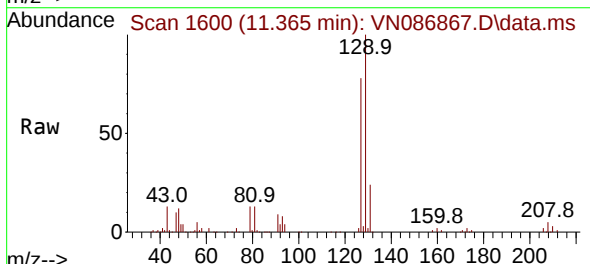
Manual Integrations
APPROVED

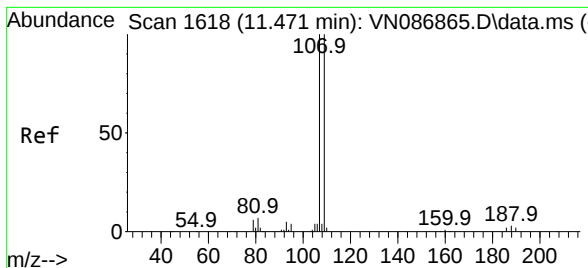
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#60
Dibromochloromethane
Concen: 147.832 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

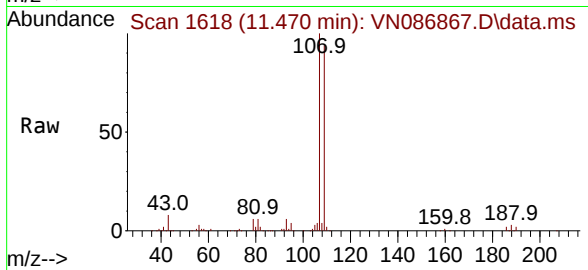
Tgt Ion:129 Resp: 322064
Ion Ratio Lower Upper
129 100
127 78.6 38.6 115.8





#61
1,2-Dibromoethane
Concen: 146.790 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

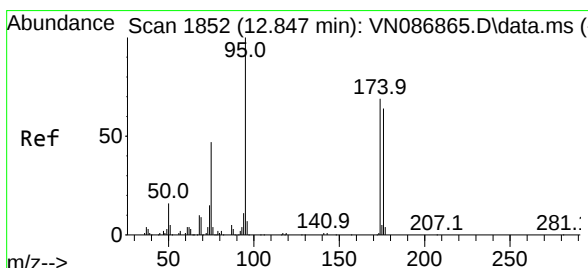
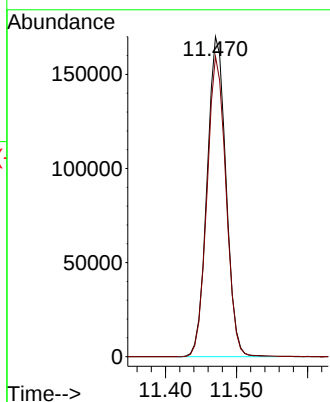
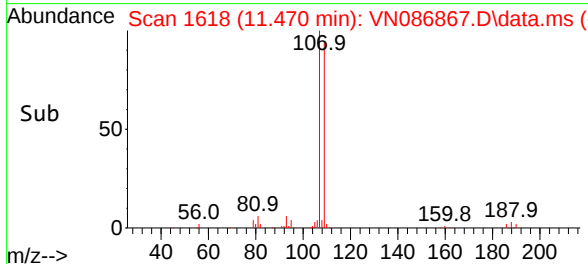
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



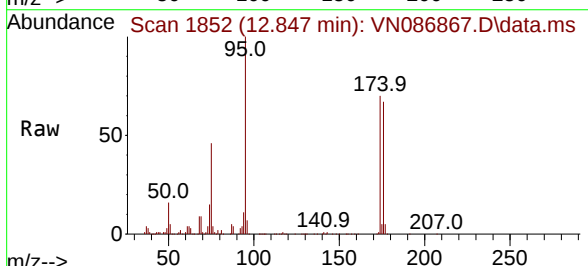
Tgt Ion:107 Resp: 314600
Ion Ratio Lower Upper
107 100
109 94.0 76.3 114.5

Manual Integrations
APPROVED

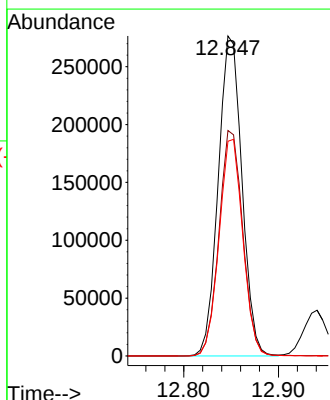
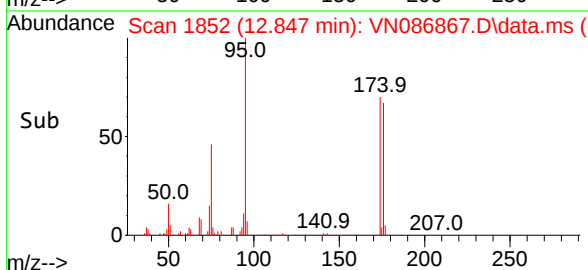
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

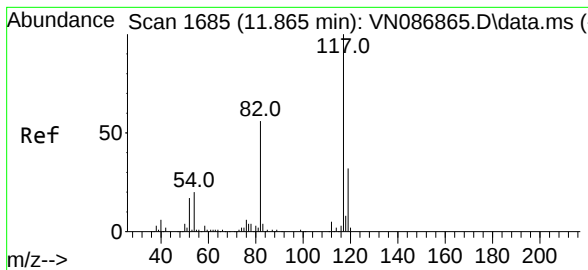


#62
4-Bromofluorobenzene
Concen: 179.364 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49



Tgt Ion: 95 Resp: 481421
Ion Ratio Lower Upper
95 100
174 70.7 0.0 141.8
176 67.8 0.0 132.6





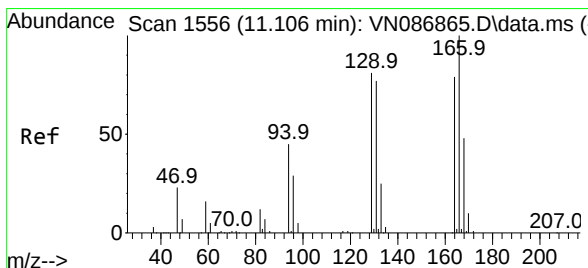
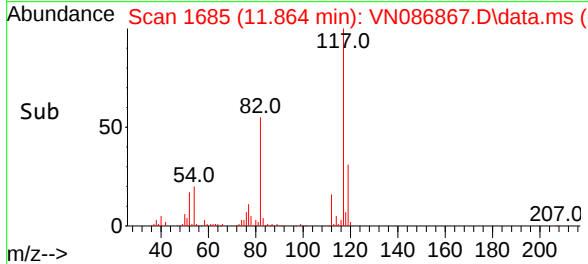
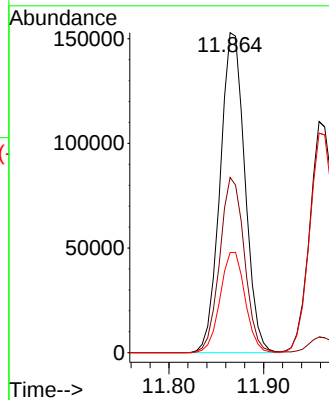
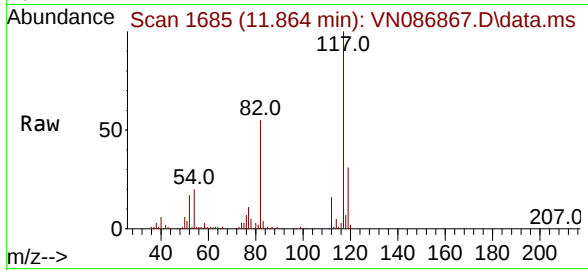
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 278552
Ion Ratio Lower Upper
117 100
82 54.7 44.6 67.0
119 31.3 25.5 38.3

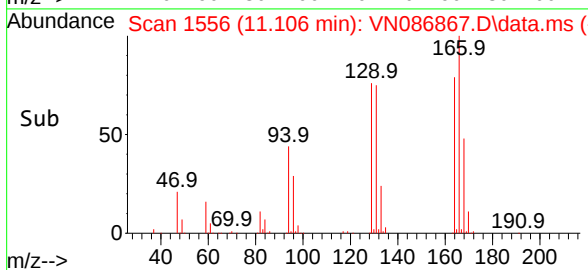
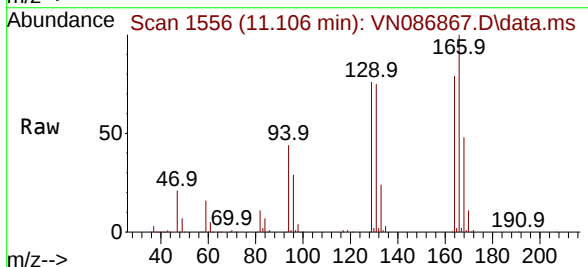
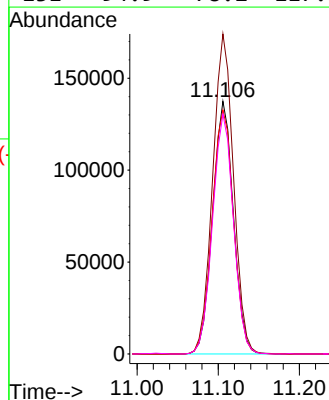
Manual Integrations
APPROVED

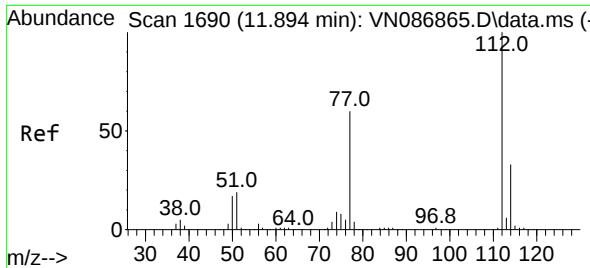
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#64
Tetrachloroethene
Concen: 139.048 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

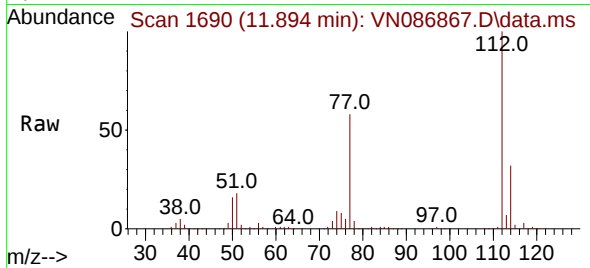
Tgt Ion:164 Resp: 245122
Ion Ratio Lower Upper
164 100
166 126.7 101.8 152.8
129 96.6 83.0 124.4
131 94.9 78.2 117.2





#65
Chlorobenzene
Concen: 140.041 ug/l
RT: 11.894 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

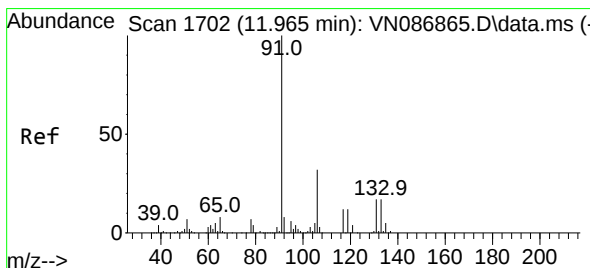
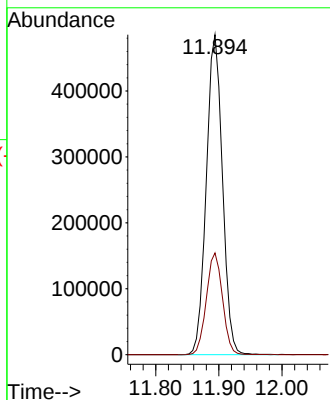
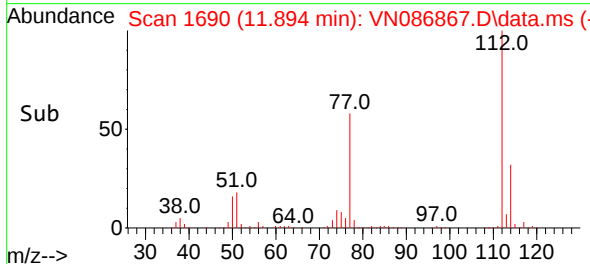
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



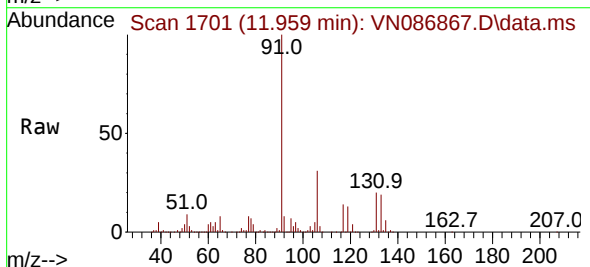
Tgt Ion:112 Resp: 860345
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2

Manual Integrations
APPROVED

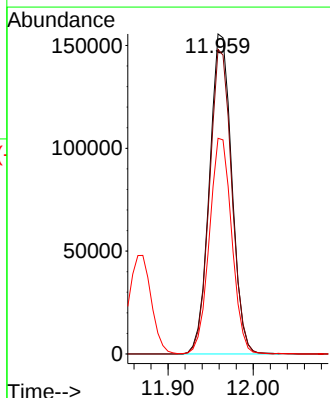
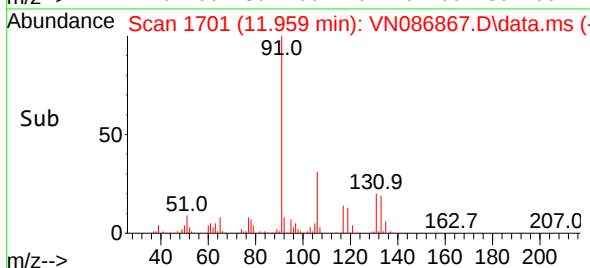
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

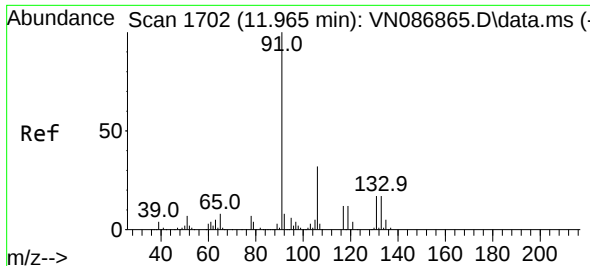


#66
1,1,1,2-Tetrachloroethane
Concen: 143.171 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49



Tgt Ion:131 Resp: 282739
Ion Ratio Lower Upper
131 100
133 95.2 48.3 144.8
119 67.8 34.0 101.8





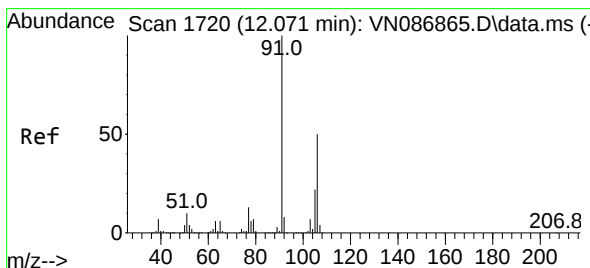
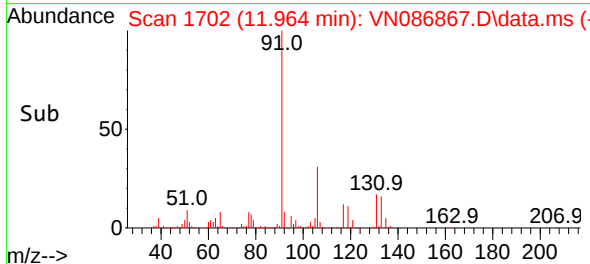
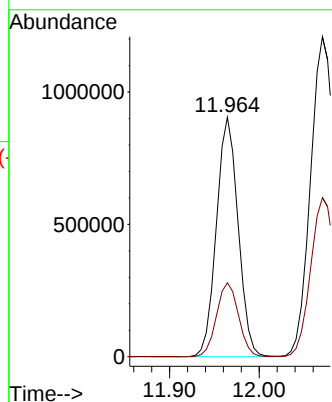
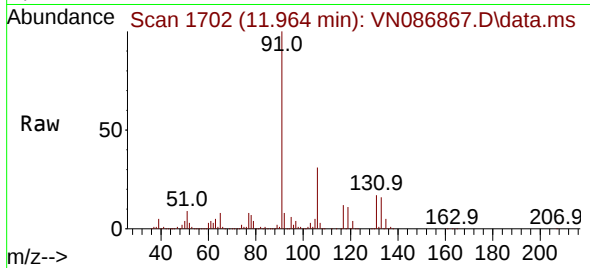
#67
Ethyl Benzene
Concen: 143.438 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 151788
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.2

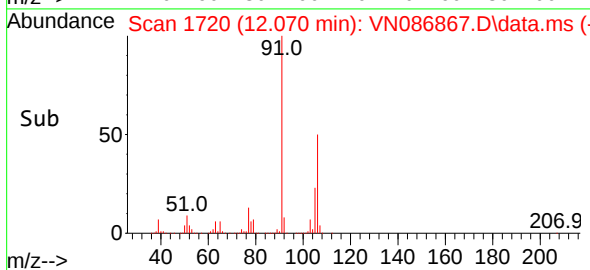
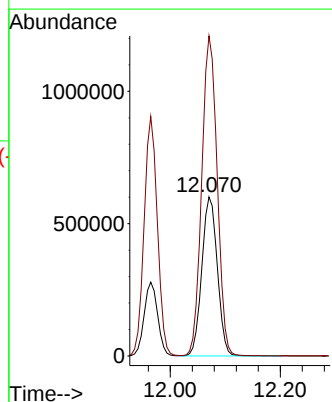
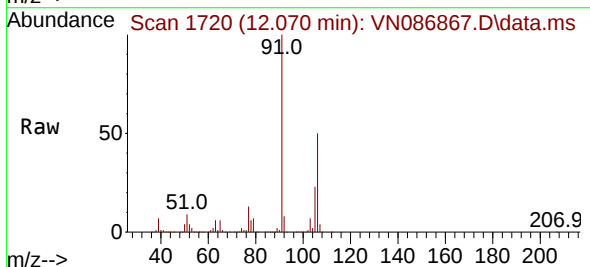
Manual Integrations
APPROVED

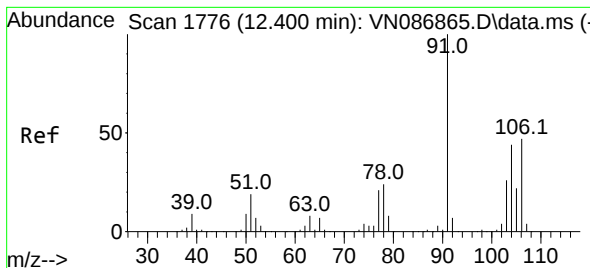
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#68
m/p-Xylenes
Concen: 290.155 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:106 Resp: 1175378
Ion Ratio Lower Upper
106 100
91 200.8 159.4 239.0





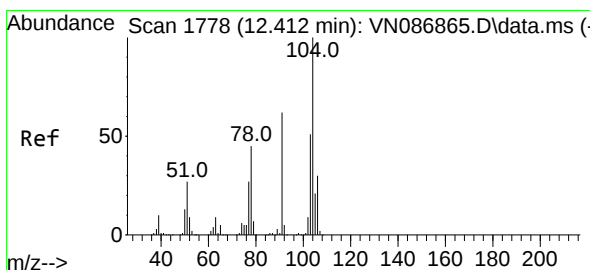
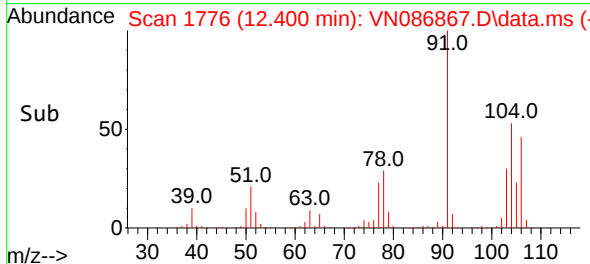
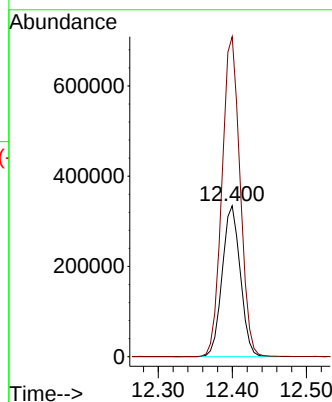
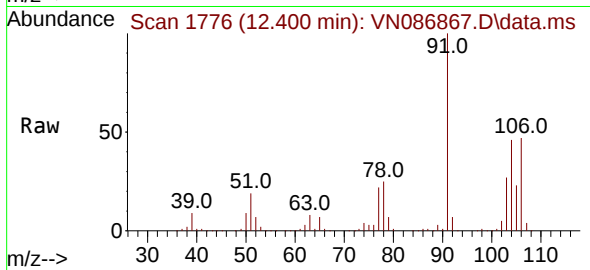
#69
o-Xylene
Concen: 145.966 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 56630
Ion Ratio Lower Upper
106 100
91 211.9 106.1 318.1

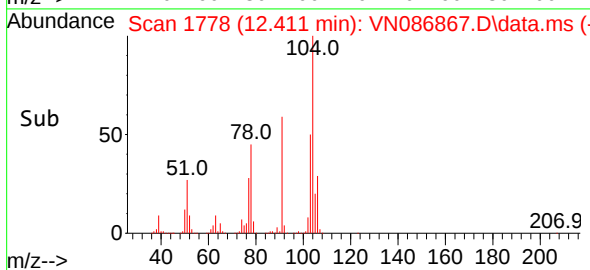
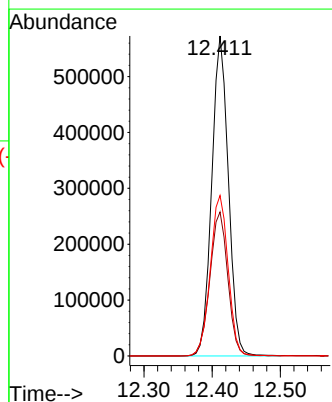
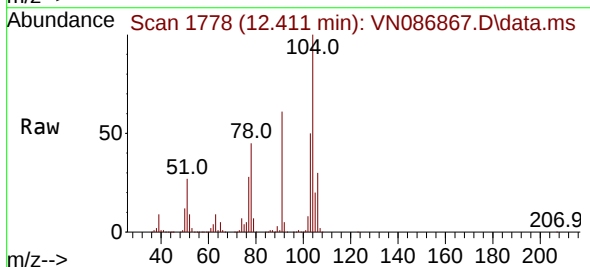
Manual Integrations
APPROVED

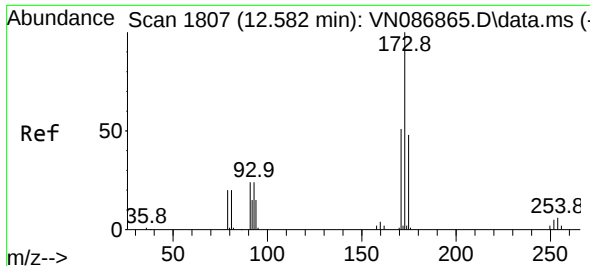
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#70
Styrene
Concen: 146.459 ug/l
RT: 12.411 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

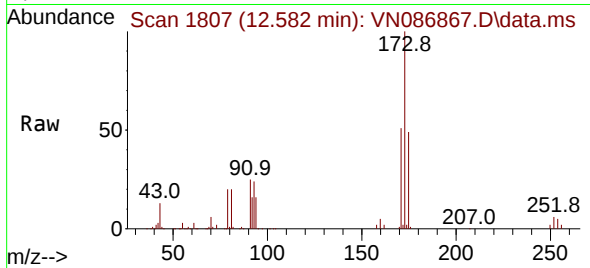
Tgt Ion:104 Resp: 972318
Ion Ratio Lower Upper
104 100
78 48.4 38.5 57.7
103 54.0 43.1 64.7





#71
Bromoform
Concen: 152.538 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

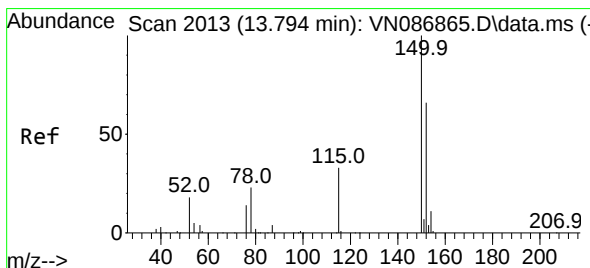
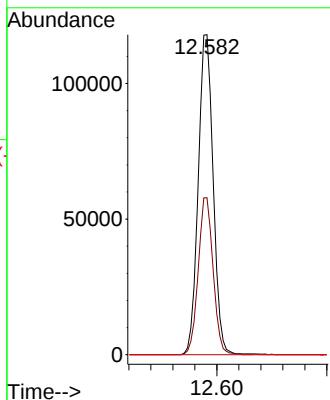
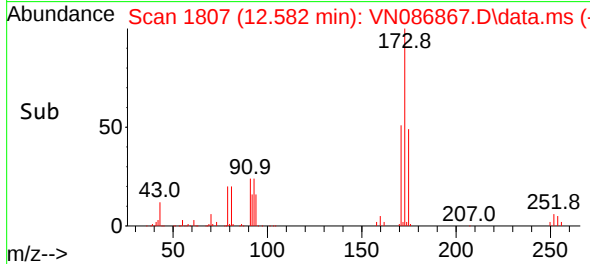
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



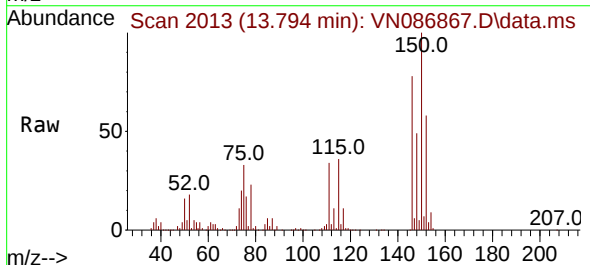
Tgt Ion:173 Resp: 223200
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

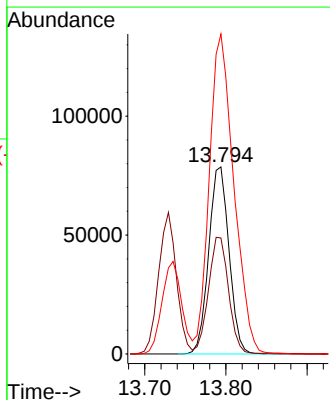
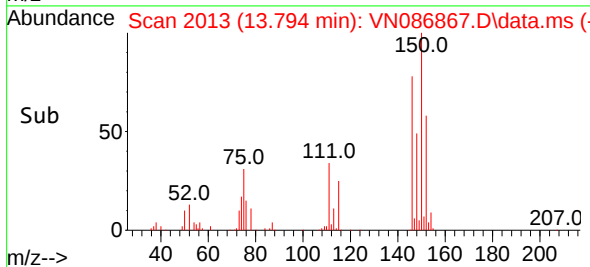
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

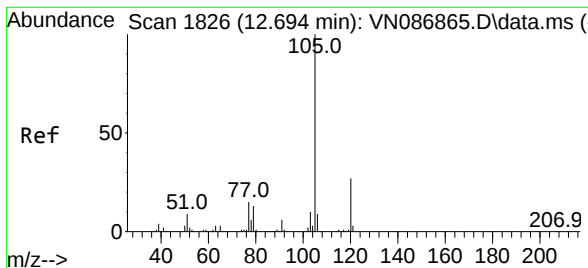


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49



Tgt Ion:152 Resp: 136630
Ion Ratio Lower Upper
152 100
115 61.1 30.1 90.5
150 206.7 0.0 345.0





#73

Isopropylbenzene

Concen: 146.042 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086867.D

Acq: 06 Jun 2025 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion:105 Resp: 145365

Ion Ratio Lower Upper

105 100

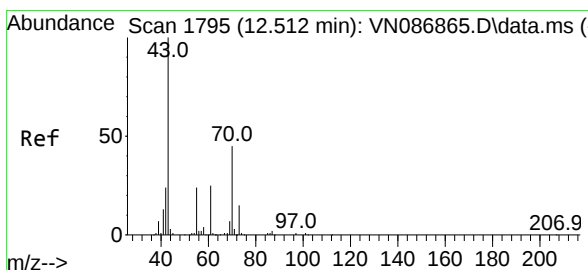
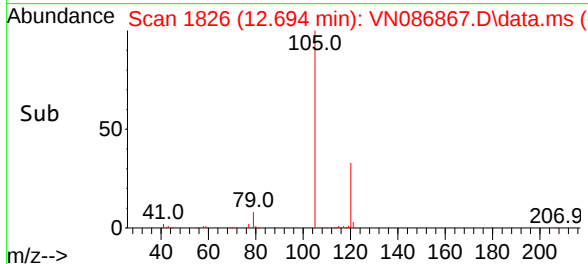
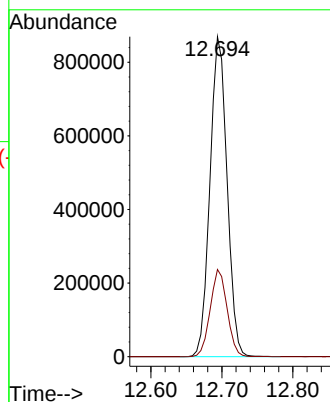
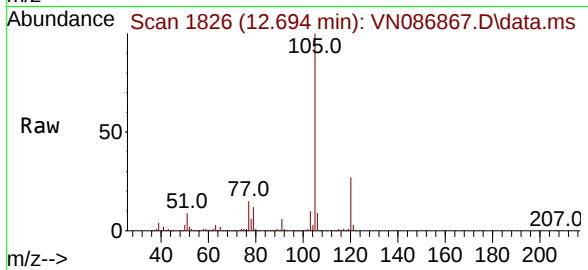
120 26.9 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025



#74

N-ethyl acetate

Concen: 164.596 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.012 min

Lab File: VN086867.D

Acq: 06 Jun 2025 14:49

Tgt Ion: 43 Resp: 543747

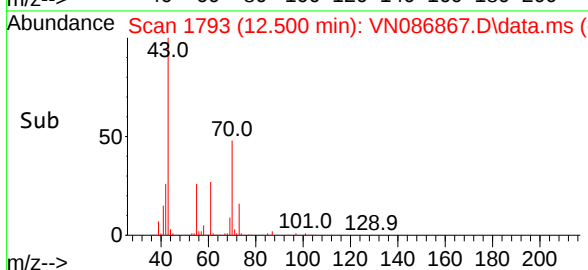
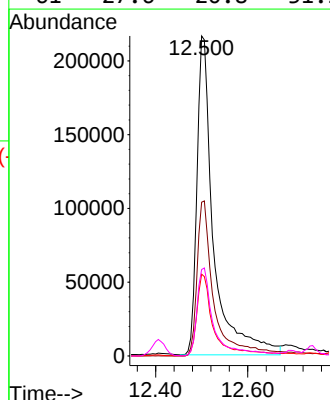
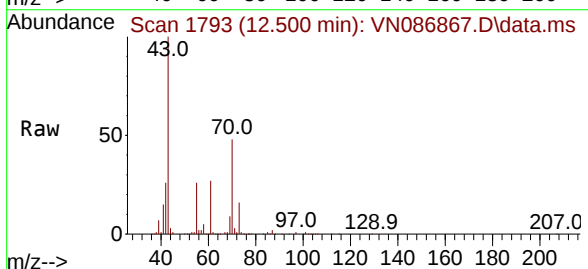
Ion Ratio Lower Upper

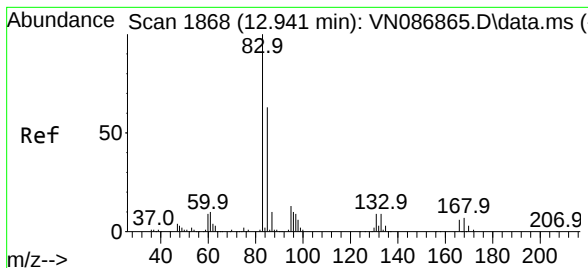
43 100

70 50.0 37.6 56.4

55 26.1 19.0 28.6

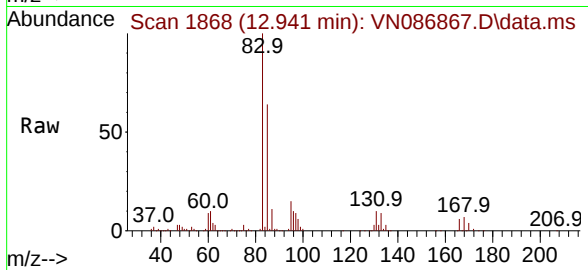
61 27.6 20.8 31.2





#75
1,1,2,2-Tetrachloroethane
Concen: 140.693 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

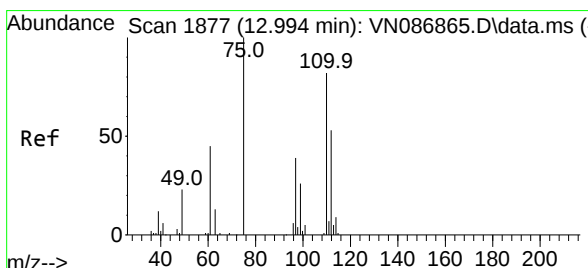
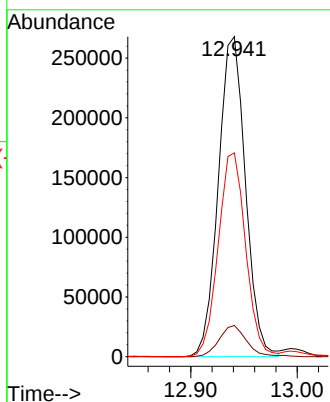
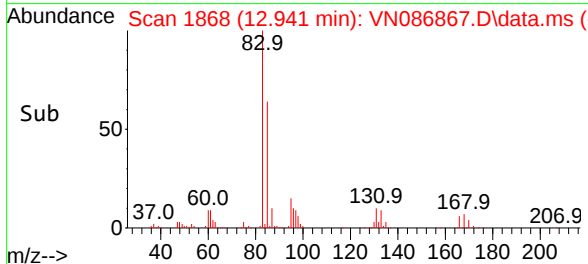
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



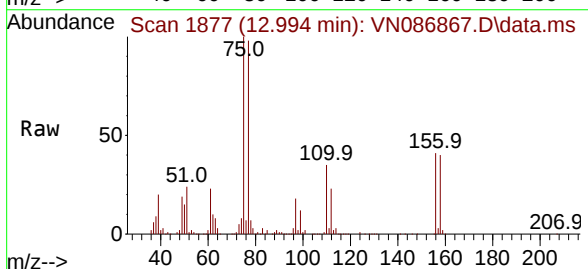
Tgt Ion: 83 Resp: 474420
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 64.3 32.0 96.0

Manual Integrations
APPROVED

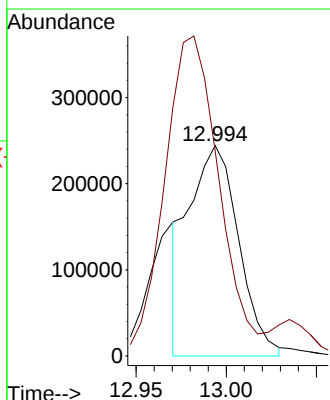
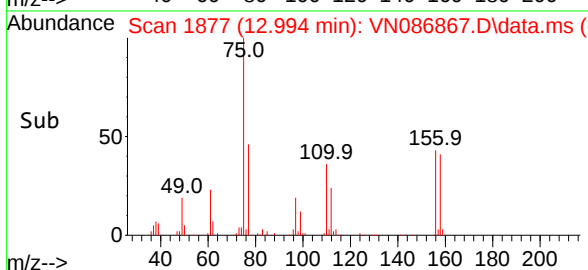
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

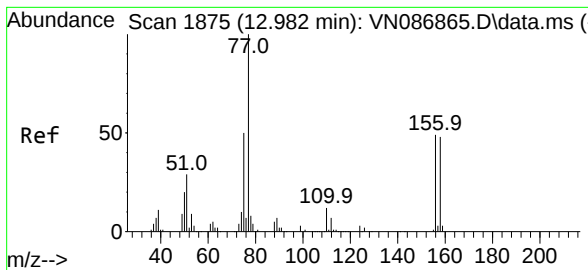


#76
1,2,3-Trichloropropane
Concen: 143.665 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49



Tgt Ion: 75 Resp: 468041
Ion Ratio Lower Upper
75 100
77 166.0 79.3 237.9





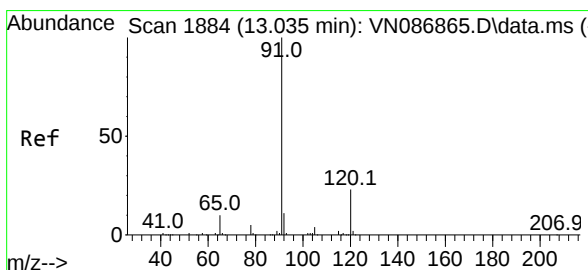
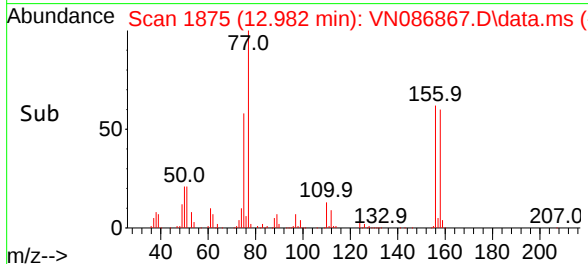
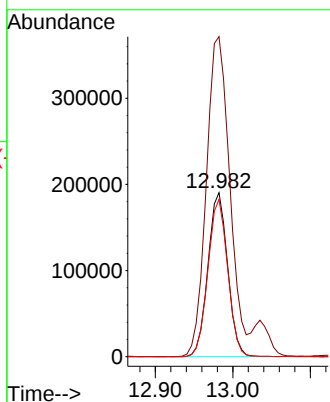
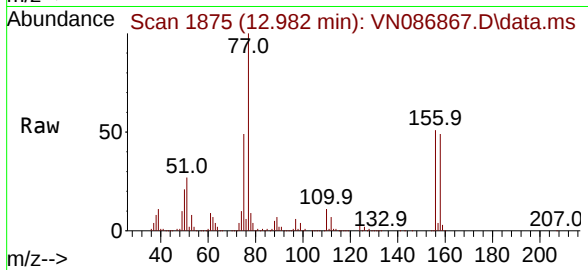
#77
Bromobenzene
Concen: 147.077 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:156 Resp: 335734
Ion Ratio Lower Upper
156 100
77 231.5 117.7 353.1
158 96.3 48.1 144.4

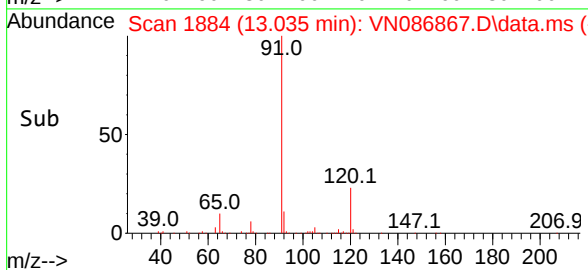
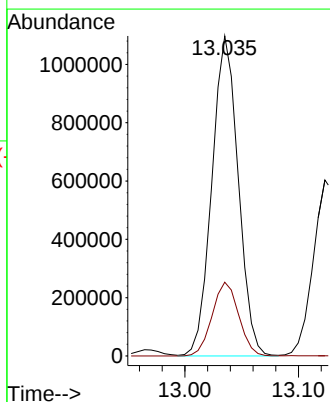
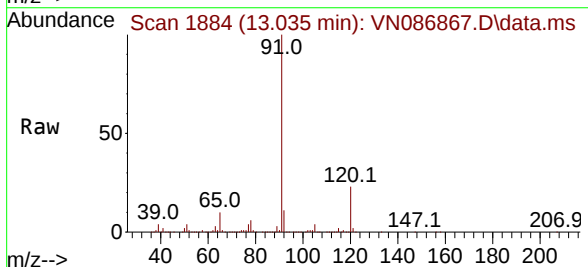
Manual Integrations
APPROVED

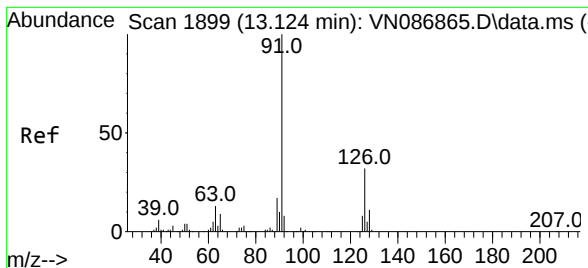
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#78
n-propylbenzene
Concen: 146.301 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 91 Resp: 1769694
Ion Ratio Lower Upper
91 100
120 23.2 11.4 34.2





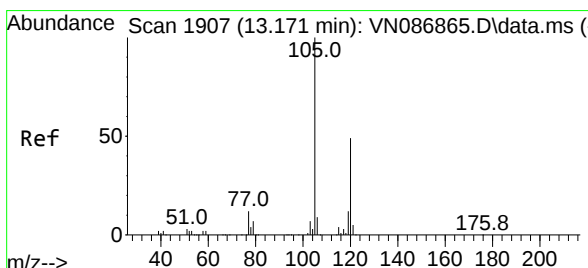
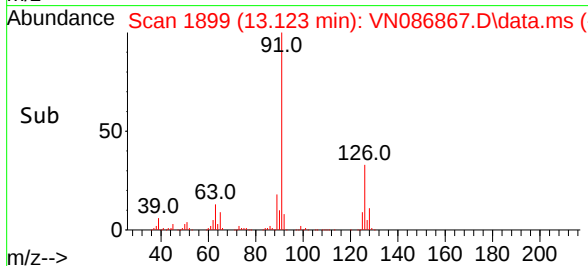
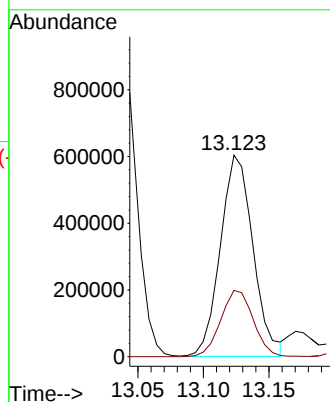
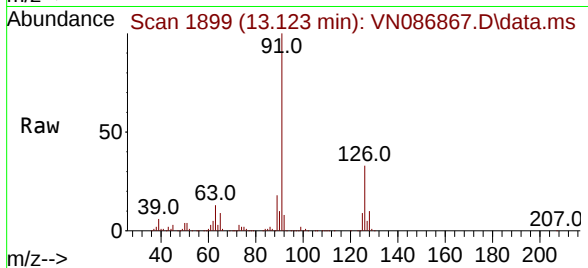
#79
2-Chlorotoluene
Concen: 144.317 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1046910
Ion Ratio Lower Upper
91 100
126 32.8 16.2 48.5

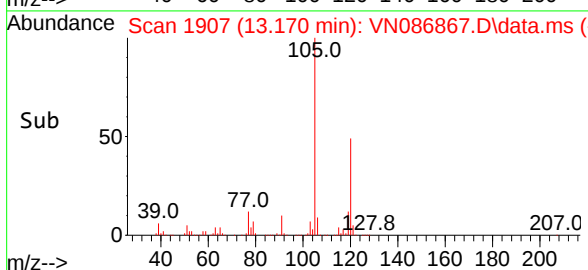
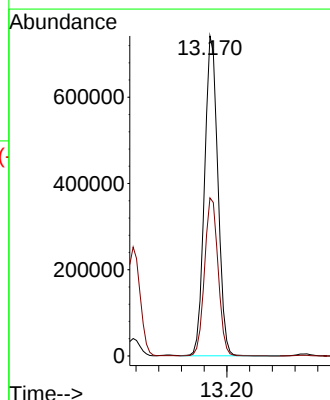
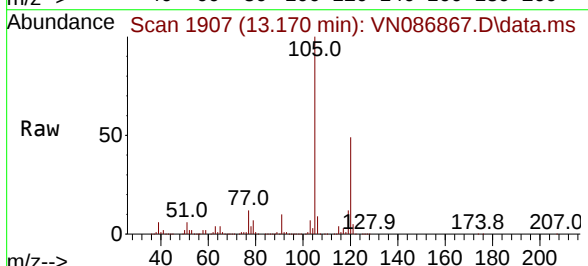
Manual Integrations
APPROVED

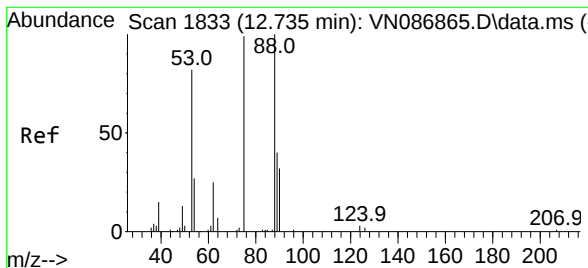
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#80
1,3,5-Trimethylbenzene
Concen: 147.279 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

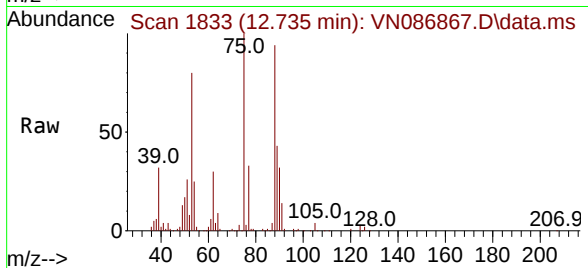
Tgt Ion:105 Resp: 1210325
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 153.277 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

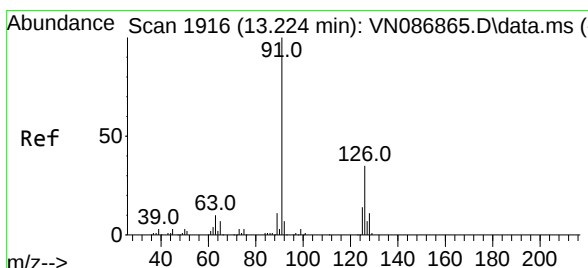
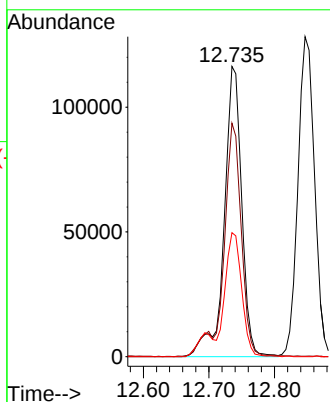
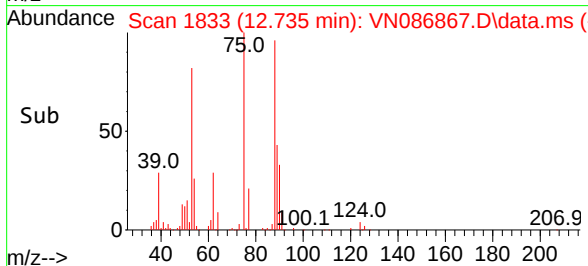
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 75 Resp: 21625
Ion Ratio Lower Upper
75 100
53 81.3 66.6 99.8
89 40.0 36.7 55.1

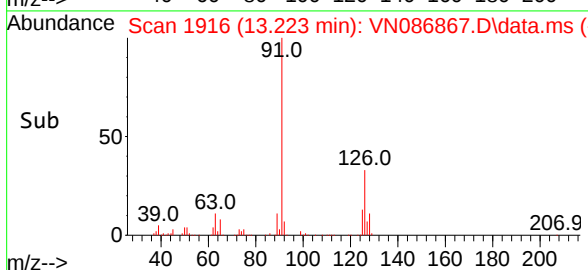
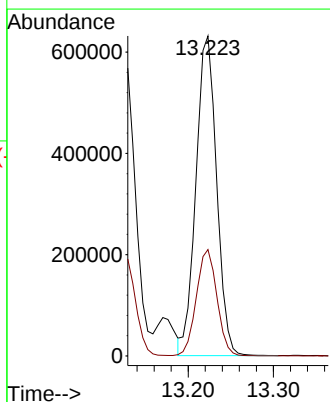
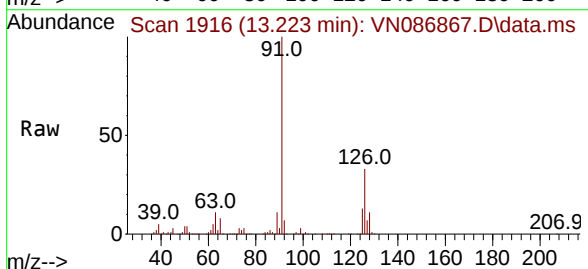
Manual Integrations
APPROVED

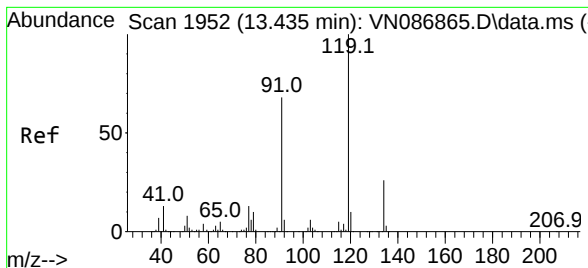
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#82
4-Chlorotoluene
Concen: 144.900 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

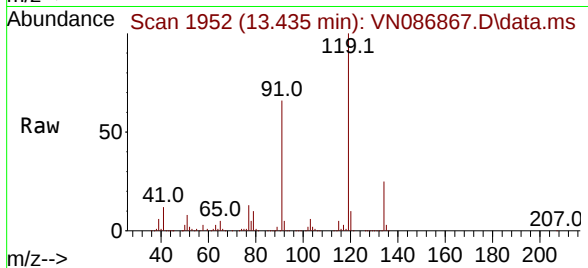
Tgt Ion: 91 Resp: 1063581
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.1





#83
tert-Butylbenzene
Concen: 145.352 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

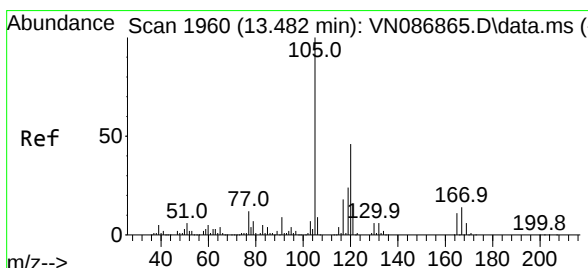
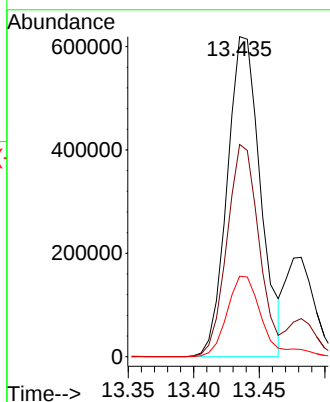
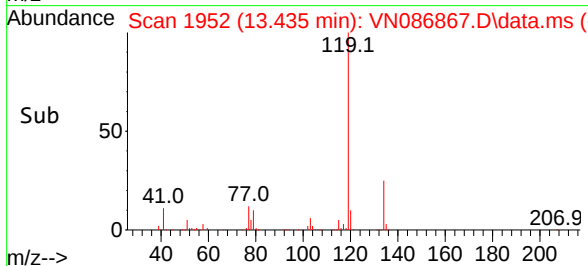
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



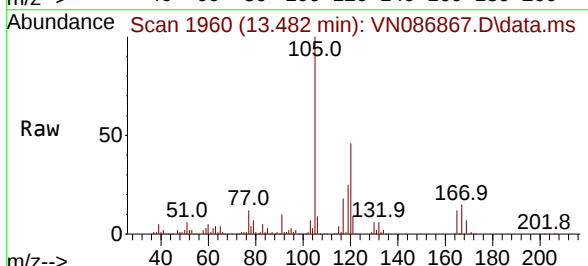
Tgt Ion:119 Resp: 1093400
Ion Ratio Lower Upper
119 100
91 63.8 32.1 96.5
134 26.7 13.4 40.1

Manual Integrations
APPROVED

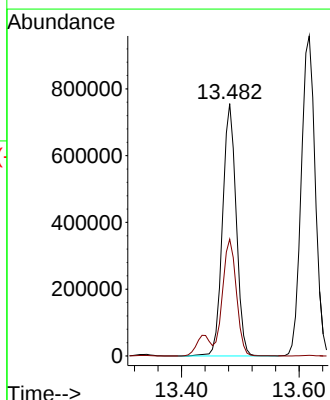
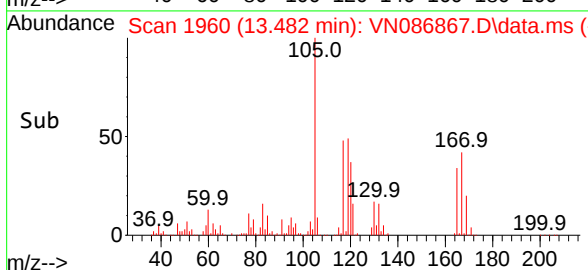
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

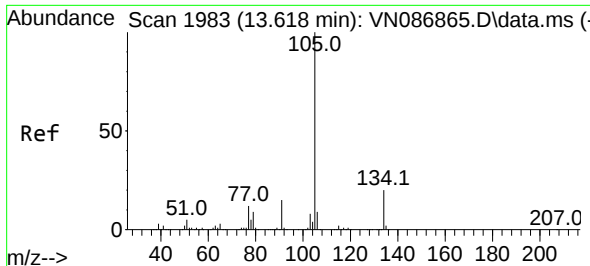


#84
1,2,4-Trimethylbenzene
Concen: 147.626 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49



Tgt Ion:105 Resp: 1216529
Ion Ratio Lower Upper
105 100
120 46.7 23.2 69.6





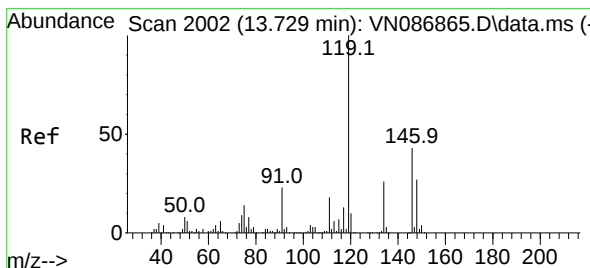
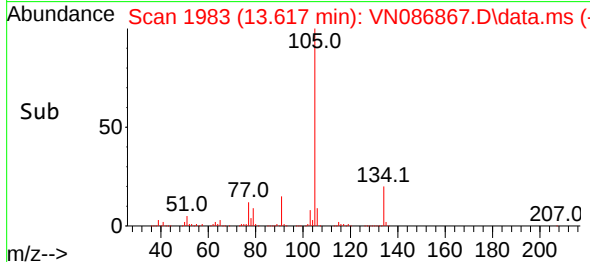
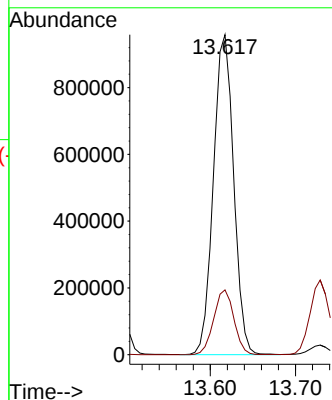
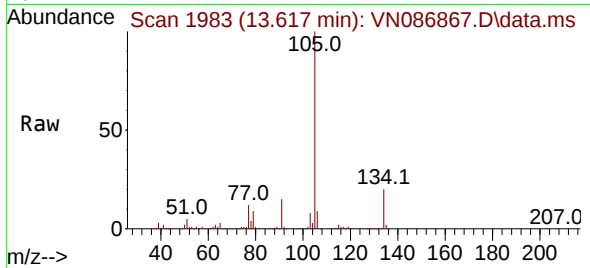
#85
 sec-Butylbenzene
 Concen: 144.885 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN086867.D
 Acq: 06 Jun 2025 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 1582762
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 30.0

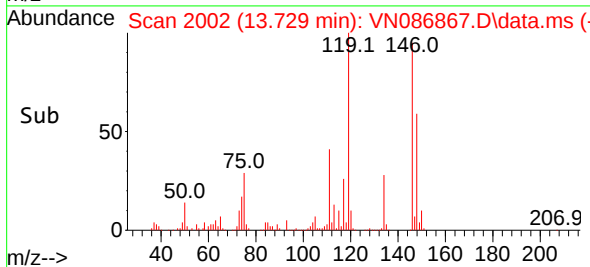
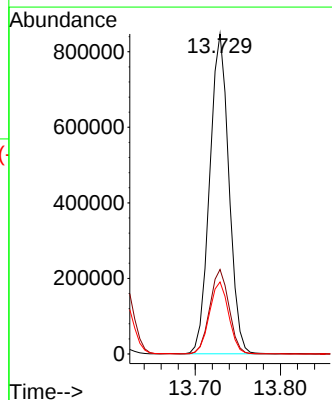
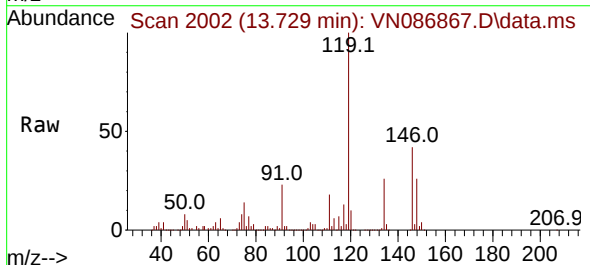
Manual Integrations
 APPROVED

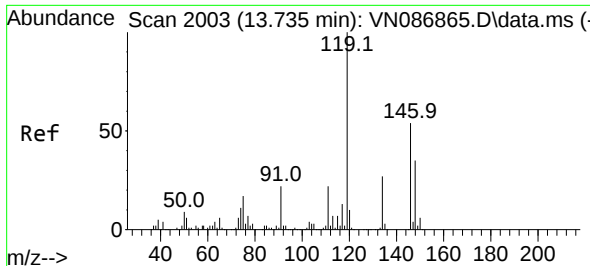
Reviewed By :John Carlone 06/09/2025
 Supervised By :Mahesh Dadoda 06/09/2025



#86
 p-Isopropyltoluene
 Concen: 146.482 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086867.D
 Acq: 06 Jun 2025 14:49

Tgt Ion:119 Resp: 1322780
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.5 40.4
 91 22.7 11.5 34.4





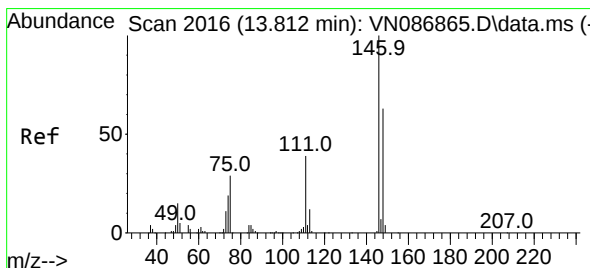
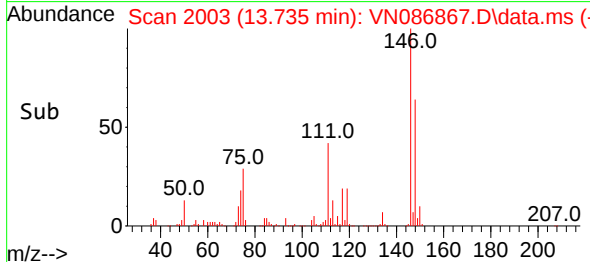
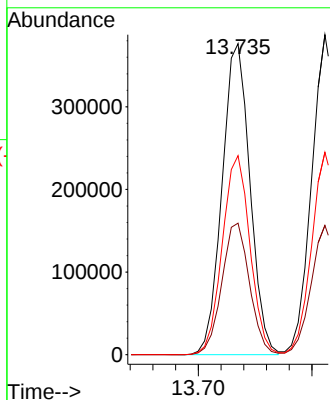
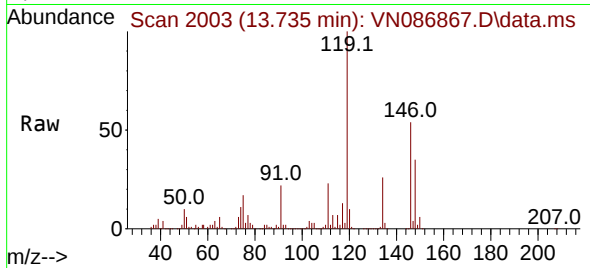
#87
1,3-Dichlorobenzene
Concen: 142.939 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 641960
Ion Ratio Lower Upper
146 100
111 42.1 20.9 62.8
148 63.8 32.0 96.2

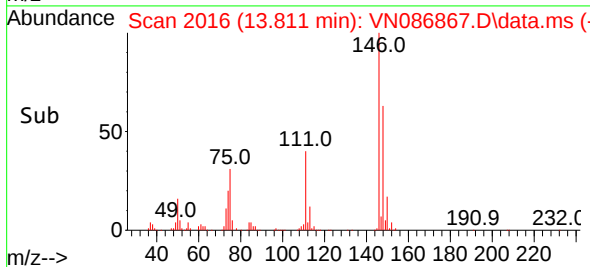
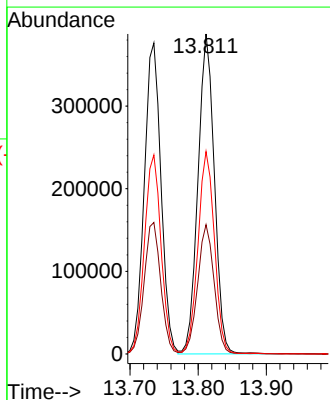
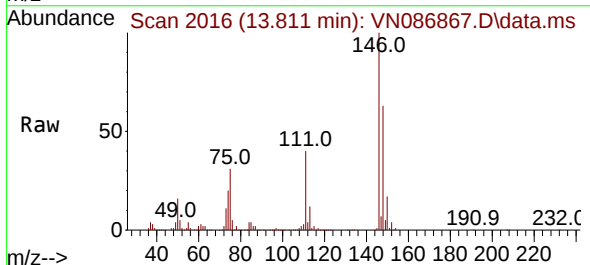
Manual Integrations
APPROVED

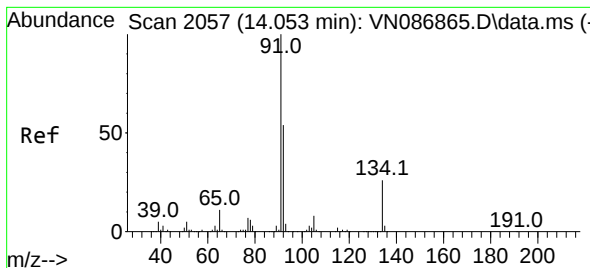
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#88
1,4-Dichlorobenzene
Concen: 141.124 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:146 Resp: 646188
Ion Ratio Lower Upper
146 100
111 40.2 19.9 59.7
148 63.2 31.8 95.4





#89

n-Butylbenzene

Concen: 143.117 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086867.D

Acq: 06 Jun 2025 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1251819

Ion Ratio Lower Upper

91 100

92 54.6 27.5 82.4

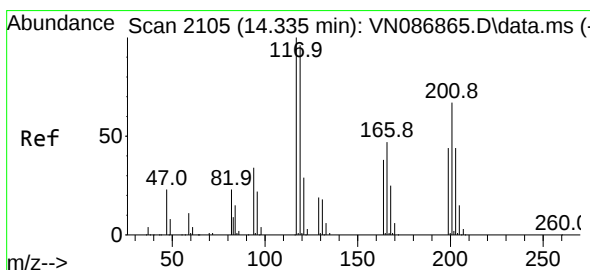
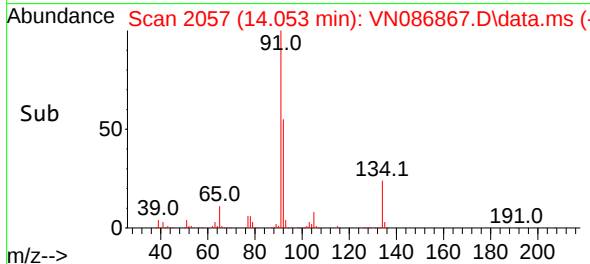
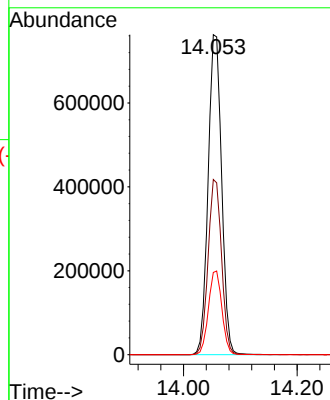
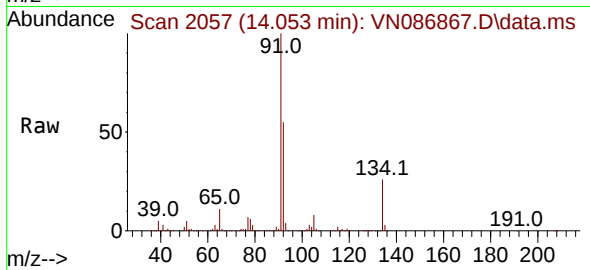
134 26.1 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025



#90

Hexachloroethane

Concen: 150.387 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN086867.D

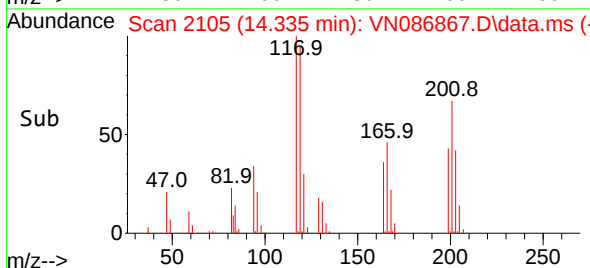
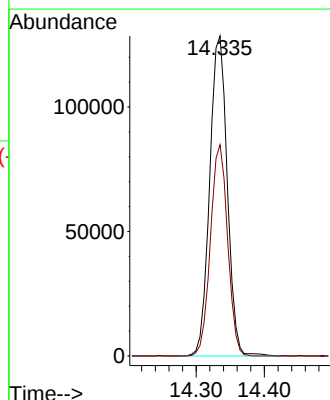
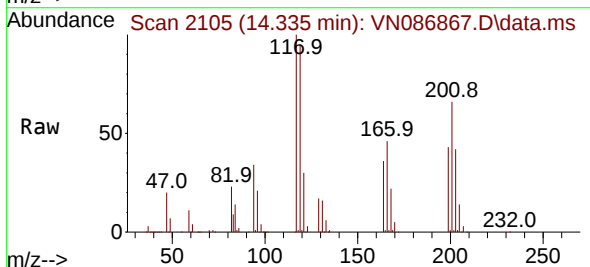
Acq: 06 Jun 2025 14:49

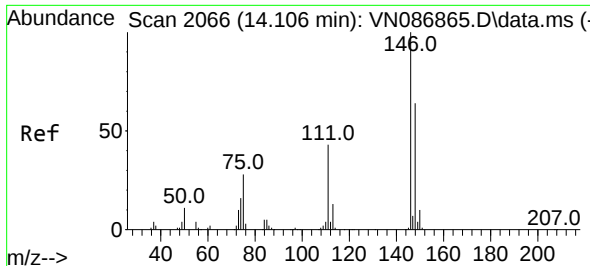
Tgt Ion:117 Resp: 230195

Ion Ratio Lower Upper

117 100

201 64.5 33.2 99.6





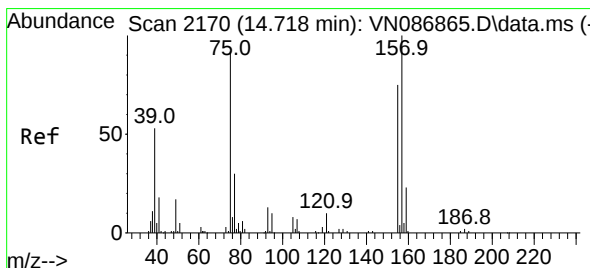
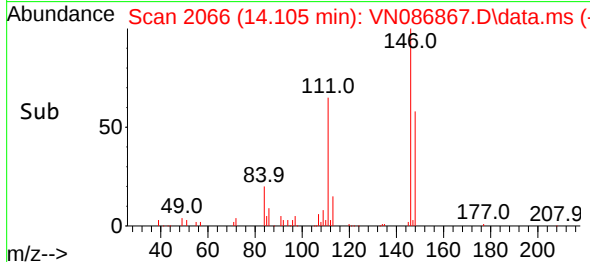
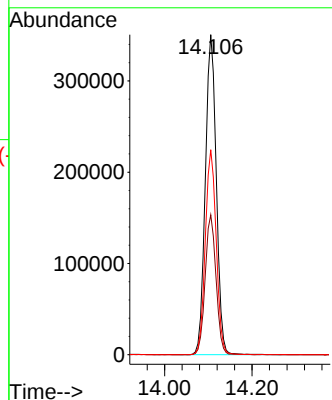
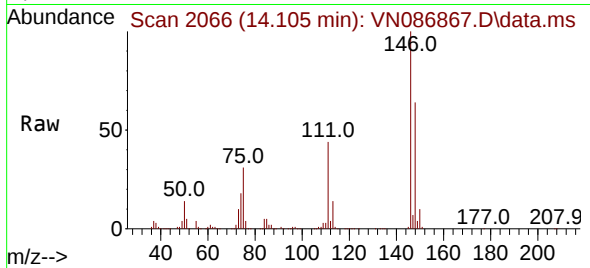
#91
1,2-Dichlorobenzene
Concen: 142.108 ug/l
RT: 14.105 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:146 Resp: 61317
Ion Ratio Lower Upper
146 100
111 43.4 21.6 64.6
148 63.8 31.7 95.1

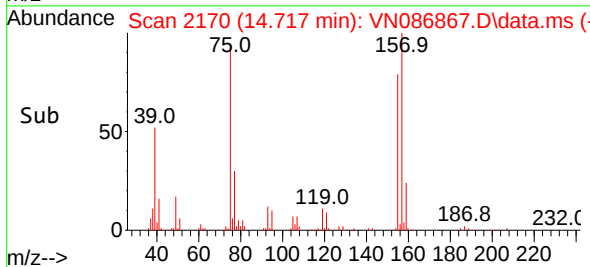
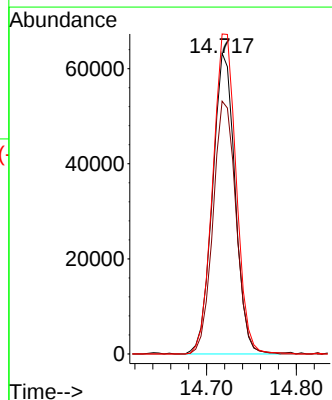
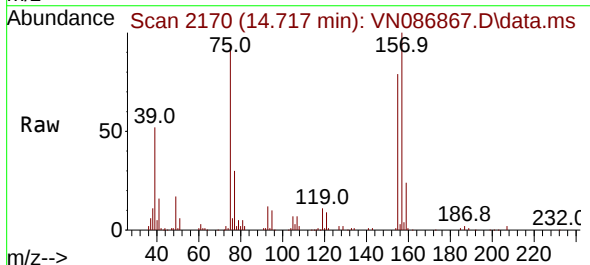
Manual Integrations
APPROVED

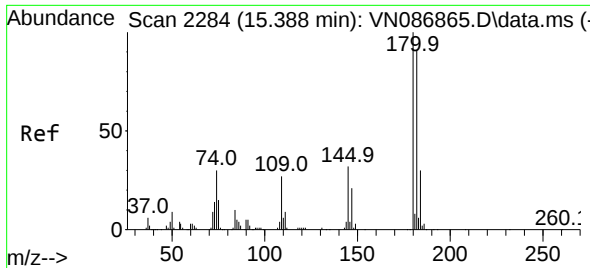
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 137.242 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

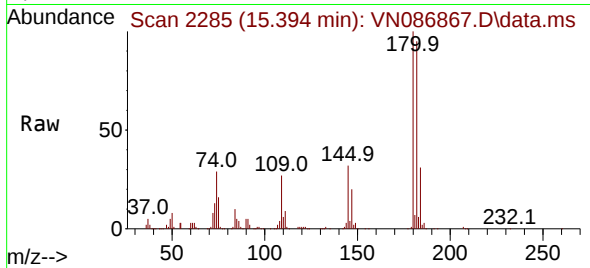
Tgt Ion: 75 Resp: 110677
Ion Ratio Lower Upper
75 100
155 85.5 41.1 123.4
157 110.2 52.7 158.1





#93
1,2,4-Trichlorobenzene
Concen: 147.940 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

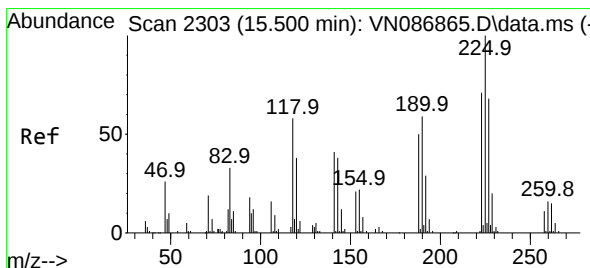
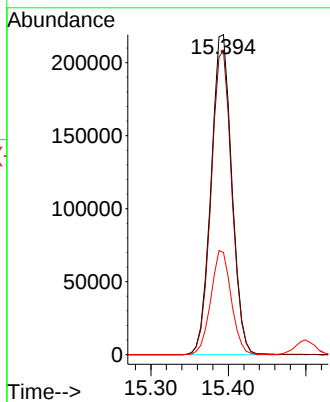
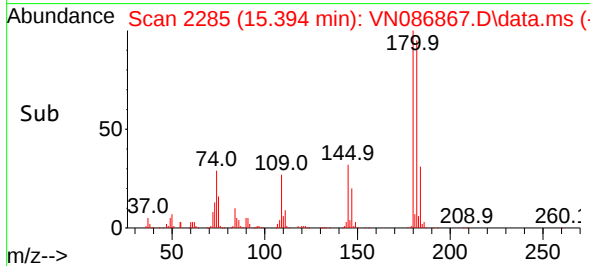
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



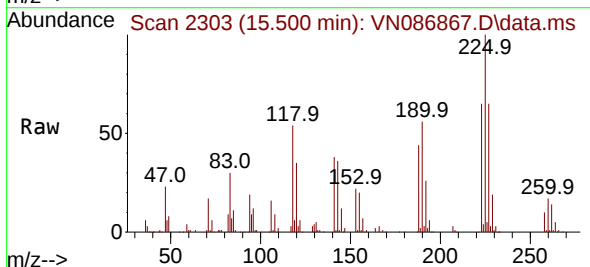
Tgt Ion:180 Resp: 40762
Ion Ratio Lower Upper
180 100
182 95.0 46.9 140.7
145 32.0 16.0 47.9

Manual Integrations
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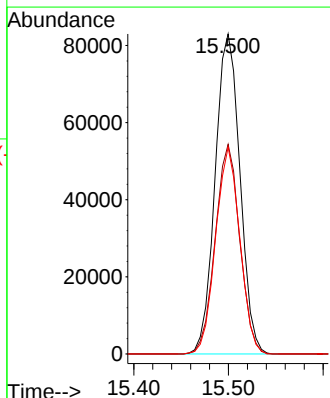
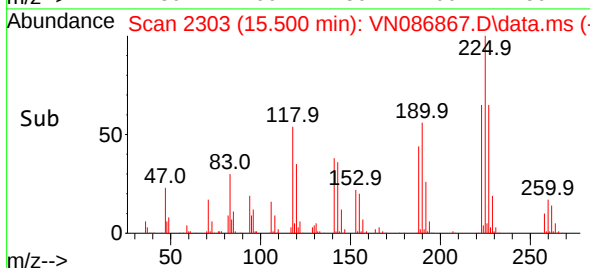
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

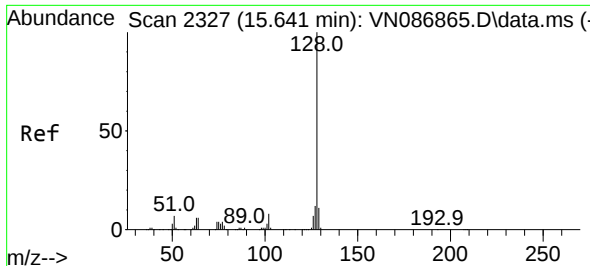


#94
Hexachlorobutadiene
Concen: 147.264 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49



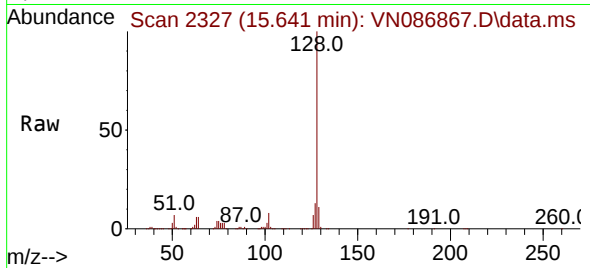
Tgt Ion:225 Resp: 151172
Ion Ratio Lower Upper
225 100
223 64.8 33.5 100.4
227 63.0 31.1 93.5





#95
Naphthalene
Concen: 150.743 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

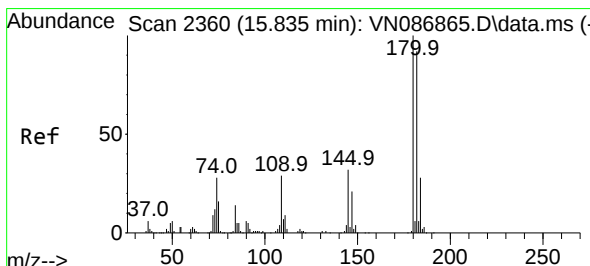
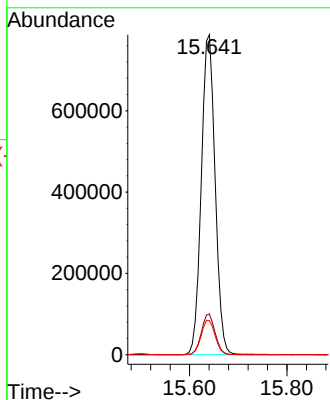
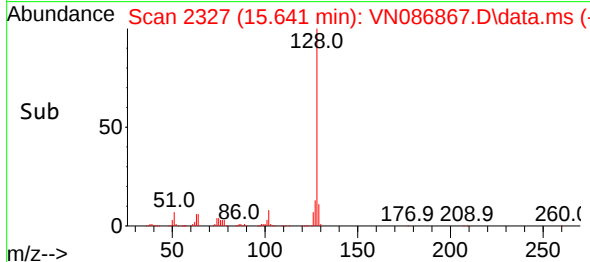
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



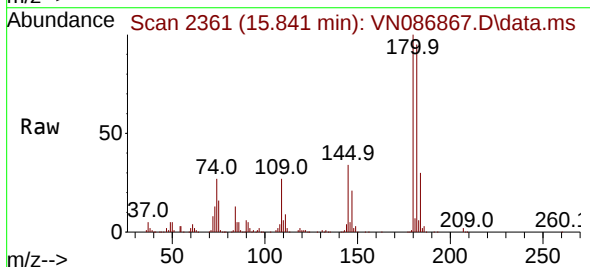
Tgt Ion:128 Resp: 154598
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#96
1,2,3-Trichlorobenzene
Concen: 147.743 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49



Tgt Ion:180 Resp: 404450
Ion Ratio Lower Upper
180 100
182 94.7 47.0 141.0
145 33.6 16.6 49.8

