

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
 Data File : VN086940.D
 Acq On : 11 Jun 2025 11:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 12 01:28:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/12/2025
 Supervised By : Semsettin Yesilyurt 06/12/2025

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	205098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	357643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	312173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	152136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	127629	46.478	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.960%		
35) Dibromofluoromethane	8.177	113	110532	52.151	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.300%		
50) Toluene-d8	10.565	98	422391	50.342	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.680%		
62) 4-Bromofluorobenzene	12.847	95	157388	50.489	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.980%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.154	85	110255	53.916	ug/l	100
3) Chloromethane	2.395	50	113731	43.069	ug/l	94
4) Vinyl Chloride	2.554	62	143755	52.773	ug/l	99
5) Bromomethane	2.989	94	63914	41.928	ug/l	96
6) Chloroethane	3.154	64	93702	53.253	ug/l	99
7) Trichlorofluoromethane	3.524	101	190657	53.570	ug/l	99
8) Diethyl Ether	3.983	74	85722	55.281	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.401	101	119322	53.364	ug/l	99
10) Methyl Iodide	4.618	142	115825	39.959	ug/l	97
11) Tert butyl alcohol	5.542	59	183049	245.667	ug/l	99
12) 1,1-Dichloroethene	4.365	96	121690	53.307	ug/l	94
13) Acrolein	4.201	56	68006	288.340	ug/l	99
14) Allyl chloride	5.048	41	187099	49.420	ug/l	96
15) Acrylonitrile	5.736	53	456903	262.349	ug/l	99
16) Acetone	4.442	43	393802	270.423	ug/l	97
17) Carbon Disulfide	4.736	76	308706	48.889	ug/l	100
18) Methyl Acetate	5.042	43	222452	52.419	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	445459	53.894	ug/l	98
20) Methylene Chloride	5.295	84	138117	50.660	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	129921	51.154	ug/l	98
22) Diisopropyl ether	6.683	45	412097	51.639	ug/l	99
23) Vinyl Acetate	6.618	43	1766271	261.960	ug/l	98
24) 1,1-Dichloroethane	6.589	63	241575	52.602	ug/l	99
25) 2-Butanone	7.489	43	582343	246.018	ug/l	95
26) 2,2-Dichloropropane	7.506	77	215080	60.206	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	162658	53.551	ug/l	98
28) Bromochloromethane	7.824	49	118461	52.462	ug/l	95
29) Tetrahydrofuran	7.847	42	380103	246.502	ug/l	96
30) Chloroform	7.977	83	241191	52.589	ug/l	98
31) Cyclohexane	8.265	56	208644	46.846	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	200139	51.307	ug/l	97
36) 1,1-Dichloropropene	8.377	75	172642	54.664	ug/l	99
37) Ethyl Acetate	7.571	43	211755	52.670	ug/l	99
38) Carbon Tetrachloride	8.371	117	168940	54.485	ug/l	94
39) Methylcyclohexane	9.606	83	206018	47.613	ug/l	96
40) Benzene	8.612	78	555597	53.798	ug/l	98

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Manual Integrations
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Quant Time: Jun 12 01:28:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	115191	51.017	ug/l	93
42) 1,2-Dichloroethane	8.677	62	168630	53.833	ug/l	99
43) Isopropyl Acetate	8.694	43	338399	52.442	ug/l	97
44) Trichloroethene	9.353	130	136748	55.842	ug/l	98
45) 1,2-Dichloropropane	9.624	63	137250	54.626	ug/l	100
46) Dibromomethane	9.712	93	94620	56.697	ug/l	99
47) Bromodichloromethane	9.888	83	190362	55.440	ug/l	100
48) Methyl methacrylate	9.683	41	154138	51.898	ug/l	96
49) 1,4-Dioxane	9.700	88	60969	1128.409	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	1054797	271.529	ug/l	98
52) Toluene	10.630	92	349873	55.435	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	217752	56.714	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	236296	57.518	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	137099	56.454	ug/l	99
56) Ethyl methacrylate	10.877	69	231226	59.778	ug/l	95
57) 1,3-Dichloropropane	11.165	76	232746	55.247	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	665780	288.579	ug/l	99
59) 2-Hexanone	11.200	43	705660	282.011	ug/l	97
60) Dibromochloromethane	11.359	129	148069	58.520	ug/l	99
61) 1,2-Dibromoethane	11.471	107	137779	55.351	ug/l	99
64) Tetrachloroethene	11.106	164	105084	53.190	ug/l	95
65) Chlorobenzene	11.888	112	381598	55.424	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	124964	56.463	ug/l	99
67) Ethyl Benzene	11.965	91	642857	54.206	ug/l	99
68) m/p-Xylenes	12.071	106	500895	110.334	ug/l	99
69) o-Xylene	12.400	106	244038	56.127	ug/l	98
70) Styrene	12.412	104	424060	56.996	ug/l	100
71) Bromoform	12.576	173	99616	60.747	ug/l #	100
73) Isopropylbenzene	12.694	105	593080	53.511	ug/l	99
74) N-amyl acetate	12.512	43	208229	53.765	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	213329	56.816	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	179987m	49.771	ug/l	
77) Bromobenzene	12.976	156	146181	57.512	ug/l	98
78) n-propylbenzene	13.035	91	717012	53.234	ug/l	99
79) 2-Chlorotoluene	13.123	91	439522	54.413	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	490727	53.628	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	93790	59.701	ug/l #	87
82) 4-Chlorotoluene	13.218	91	446237	54.598	ug/l	99
83) tert-Butylbenzene	13.435	119	448106	53.498	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	495936	54.048	ug/l	99
85) sec-Butylbenzene	13.612	105	617792	50.788	ug/l	99
86) p-Isopropyltoluene	13.729	119	524440	52.156	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	280357	56.062	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	287122	56.315	ug/l	99
89) n-Butylbenzene	14.053	91	477306	49.007	ug/l	100
90) Hexachloroethane	14.329	117	89886	52.738	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	267932	55.766	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	47326	52.704	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	160030	52.161	ug/l	99
94) Hexachlorobutadiene	15.500	225	51073	44.682	ug/l	99
95) Naphthalene	15.635	128	624421	54.679	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	151411	49.672	ug/l	99

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ALS Vial : 2 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
VSTDCCC050

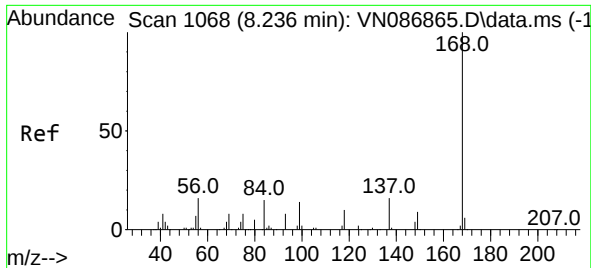
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 06/12/2025

Quant Time: Jun 12 01:28:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

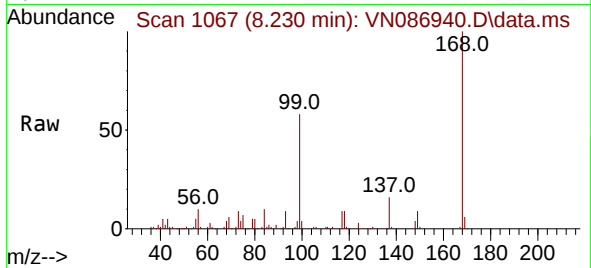
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN086940.D
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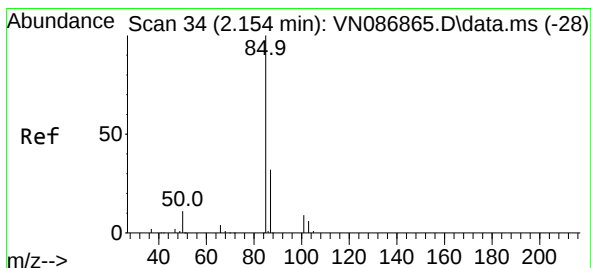
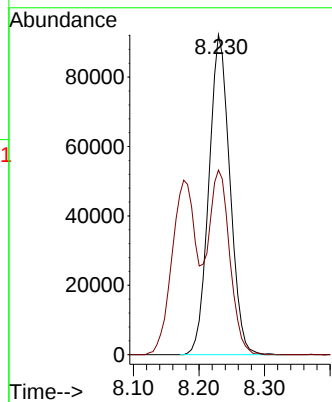
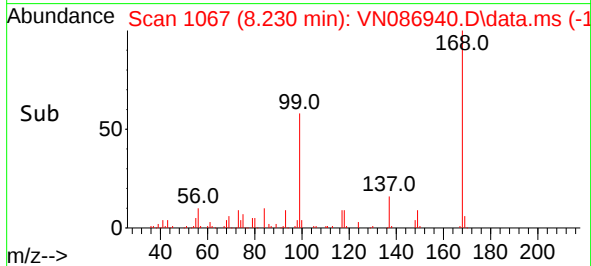
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 205098
Ion Ratio Lower Upper
168 100
99 57.7 49.1 73.7

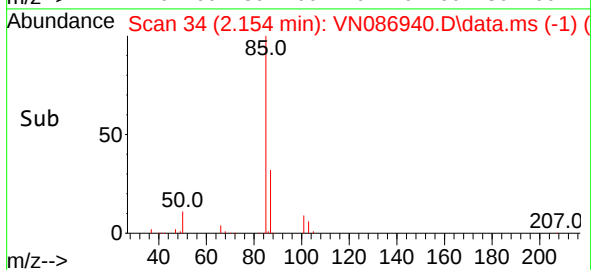
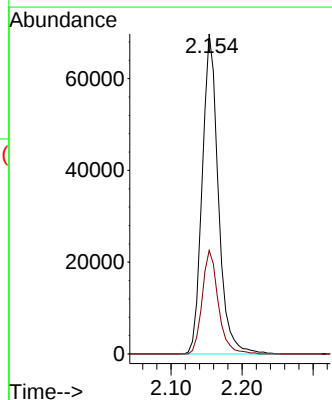
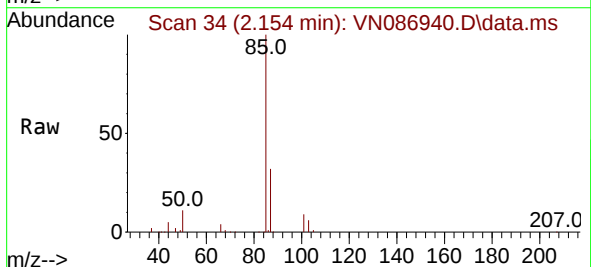
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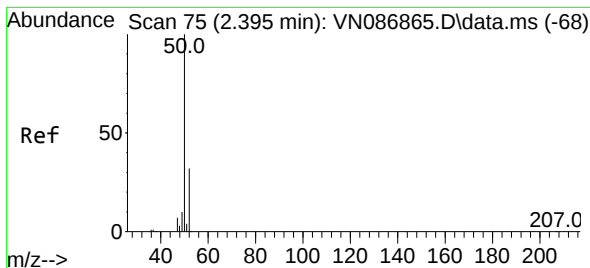
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#2
Dichlorodifluoromethane
Concen: 53.916 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

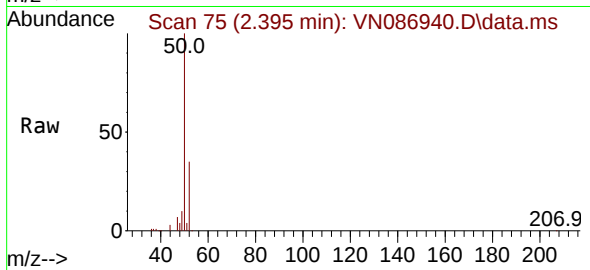
Tgt Ion: 85 Resp: 110255
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6





#3
Chloromethane
Concen: 43.069 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

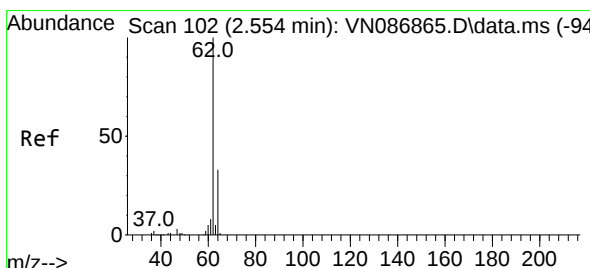
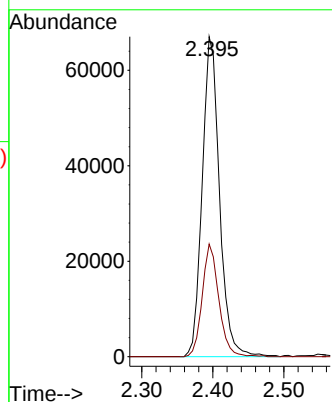
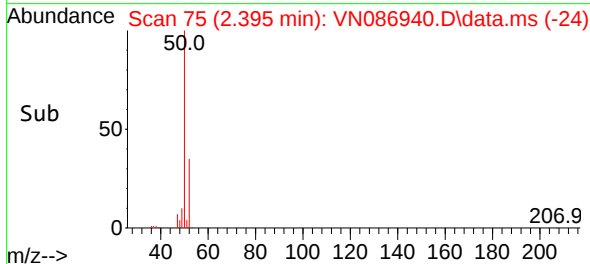
Instrument :
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Tgt Ion: 50 Resp: 11373
Ion Ratio Lower Upper
50 100
52 35.2 25.7 38.5

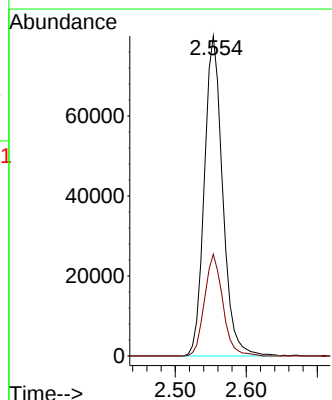
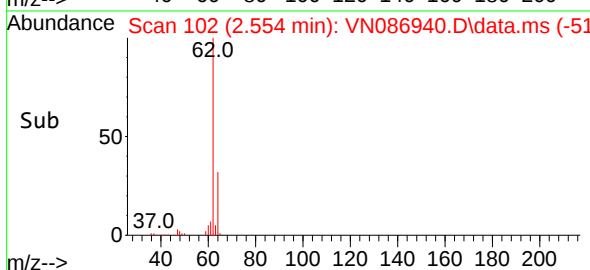
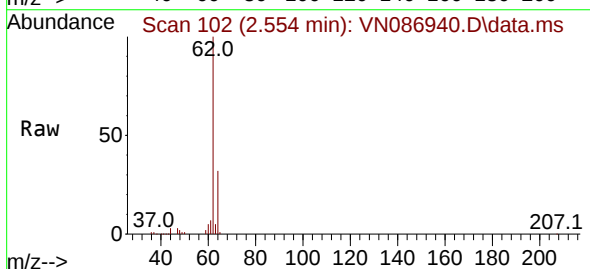
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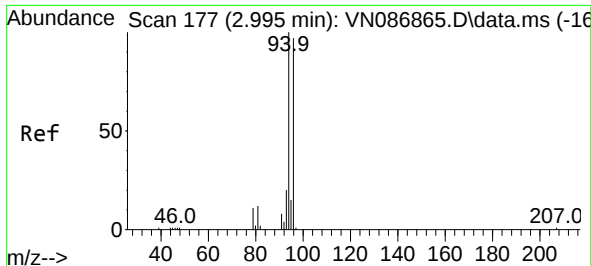
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#4
Vinyl Chloride
Concen: 52.773 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

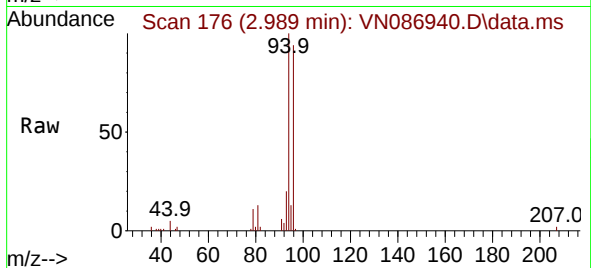
Tgt Ion: 62 Resp: 143755
Ion Ratio Lower Upper
62 100
64 31.8 26.0 39.0





#5
Bromomethane
Concen: 41.928 ug/l
RT: 2.989 min Scan# 176
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

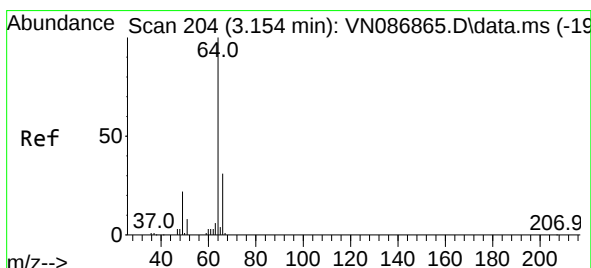
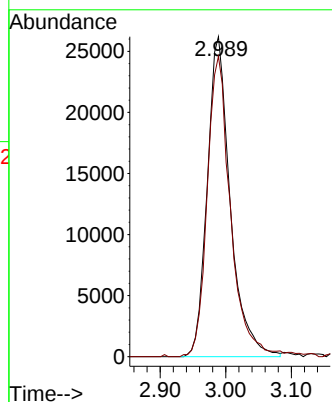
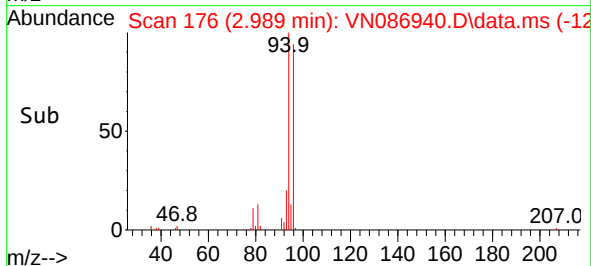
Instrument :
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Tgt Ion: 94 Resp: 63914
Ion Ratio Lower Upper
94 100
96 93.9 77.9 116.9

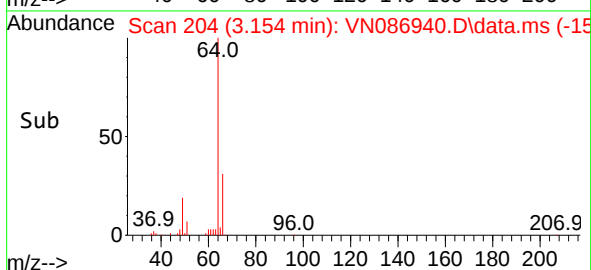
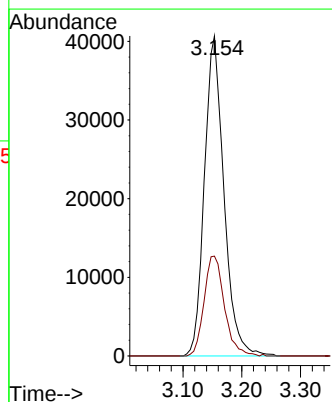
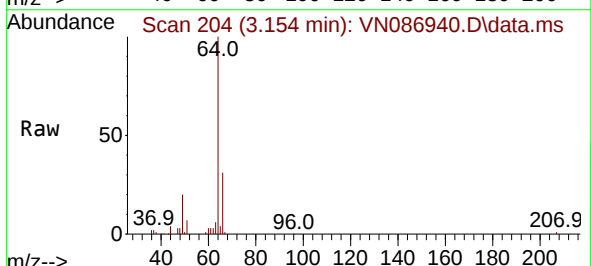
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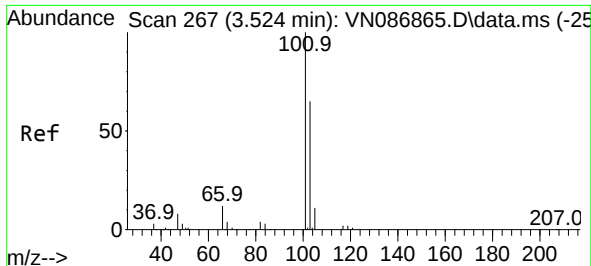
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#6
Chloroethane
Concen: 53.253 ug/l
RT: 3.154 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN086940.D
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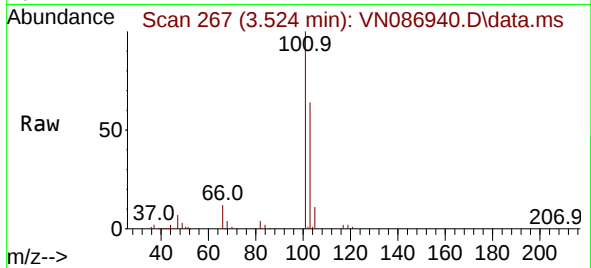
Tgt Ion: 64 Resp: 93702
Ion Ratio Lower Upper
64 100
66 31.2 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 53.570 ug/l
 RT: 3.524 min Scan# 267
 Delta R.T. -0.000 min
 Lab File: VN086940.D
 Acq: 11 Jun 2025 11:32

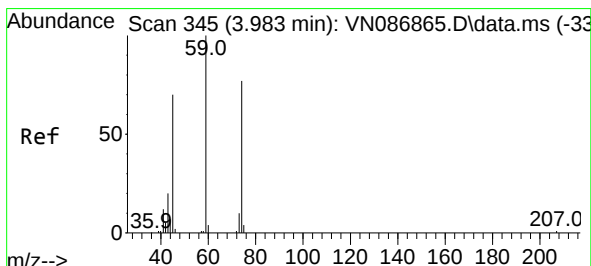
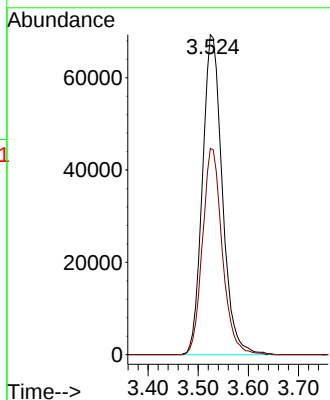
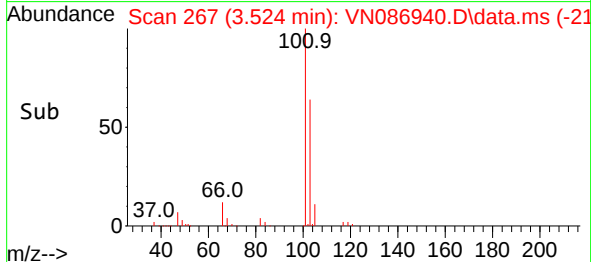
Instrument :
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 VSTDCCC050



Tgt Ion:101 Resp: 19065
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.2 78.2

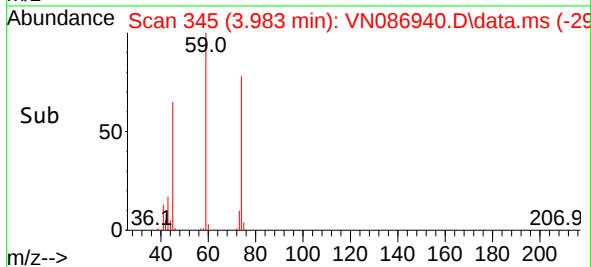
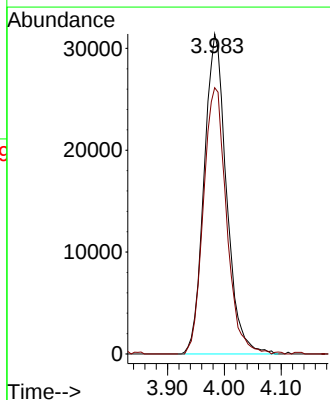
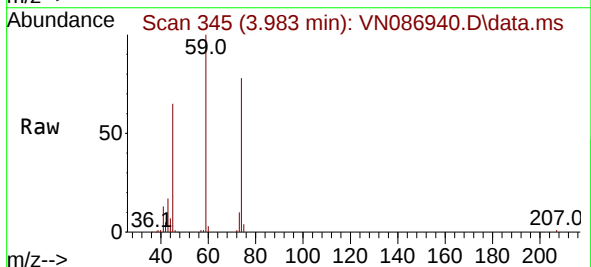
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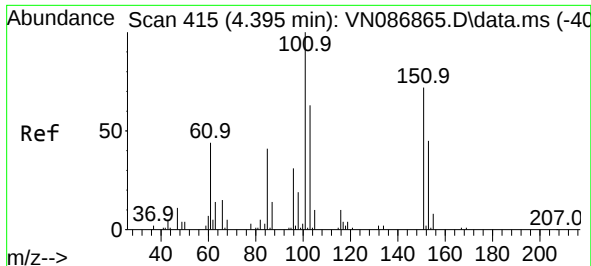
Reviewed By :John Carlone 06/12/2025
 Supervised By :Semsettin Yesilyurt 06/12/2025



#8
 Diethyl Ether
 Concen: 55.281 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 85722
 Ion Ratio Lower Upper
 74 100
 45 85.9 45.5 136.5





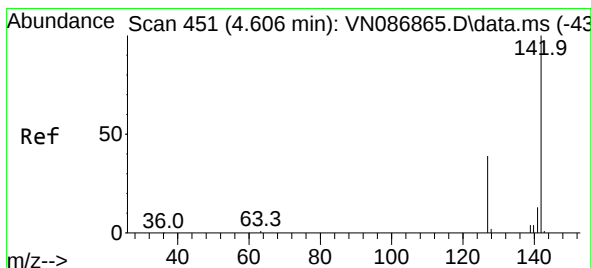
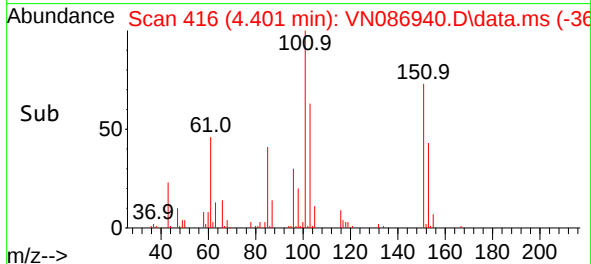
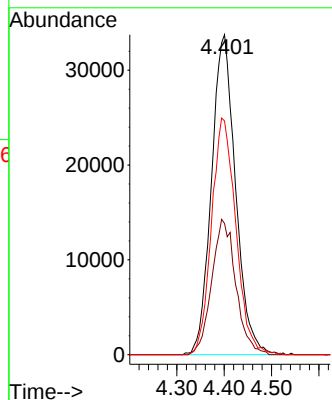
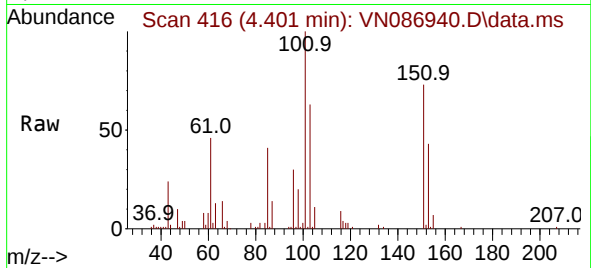
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.364 ug/l
RT: 4.401 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 11932
Ion Ratio Lower Upper
101 100
85 42.3 33.8 50.8
151 74.7 58.7 88.1

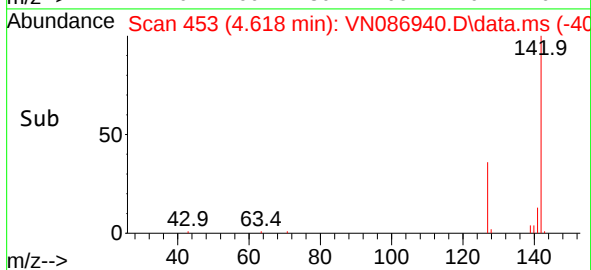
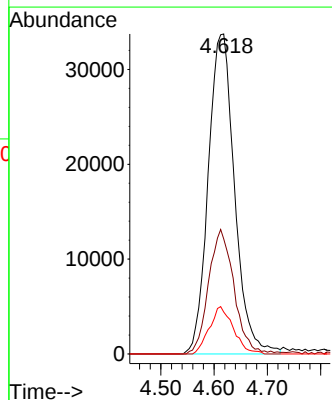
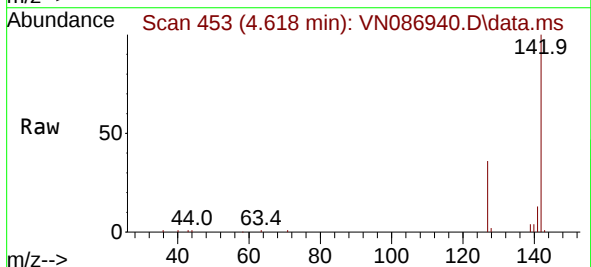
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#10
Methyl Iodide
Concen: 39.959 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.012 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:142 Resp: 115825
Ion Ratio Lower Upper
142 100
127 36.0 30.9 46.3
141 13.1 10.4 15.6





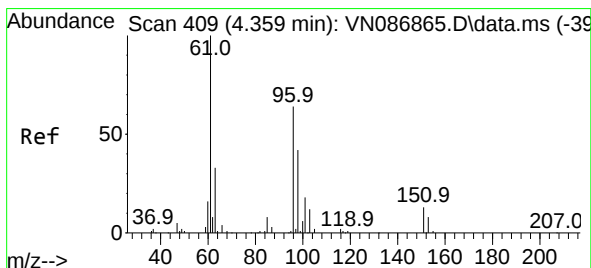
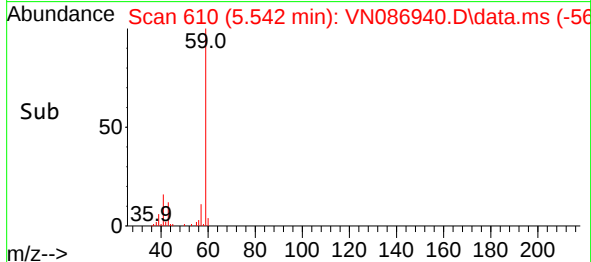
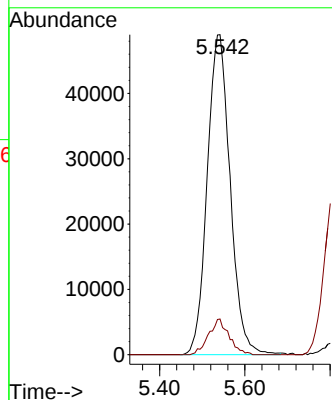
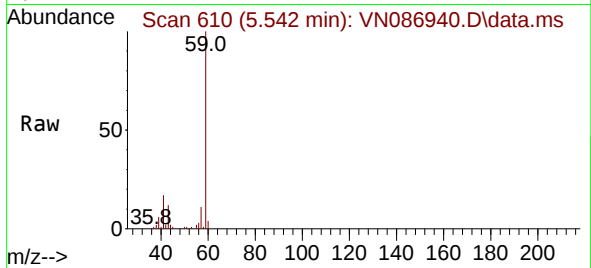
#11
Tert butyl alcohol
Concen: 245.667 ug/l
RT: 5.542 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 183049
Ion Ratio Lower Upper
59 100
57 9.9 8.1 12.1

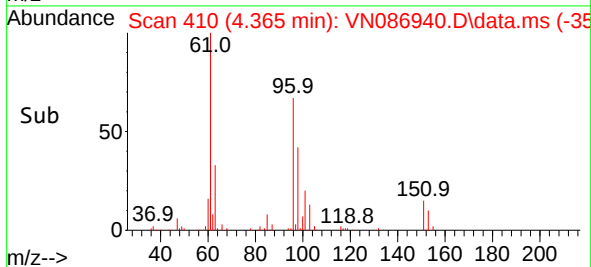
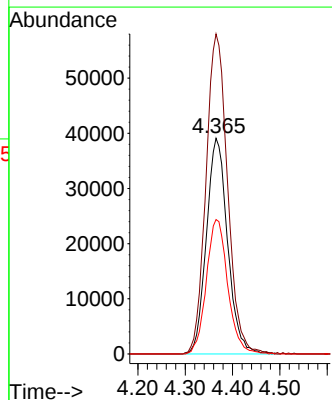
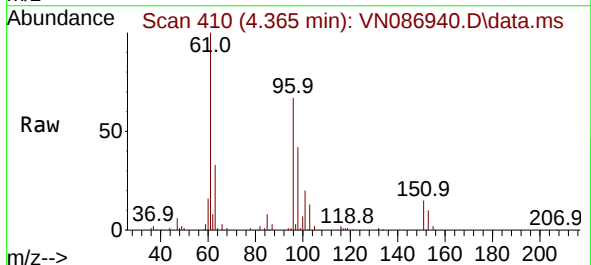
Manual Integrations
APPROVED

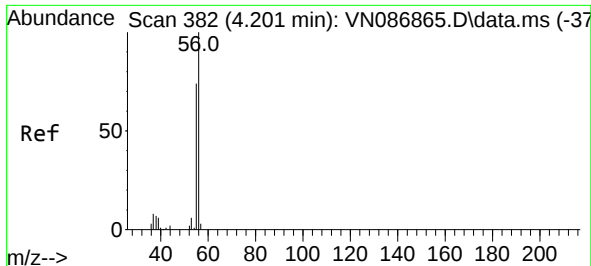
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#12
1,1-Dichloroethene
Concen: 53.307 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

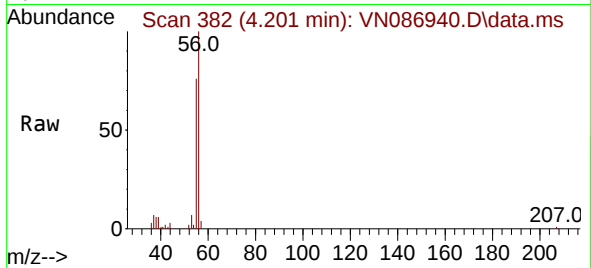
Tgt Ion: 96 Resp: 121690
Ion Ratio Lower Upper
96 100
61 148.3 125.8 188.6
98 62.3 52.5 78.7





#13
Acrolein
Concen: 288.340 ug/l
RT: 4.201 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

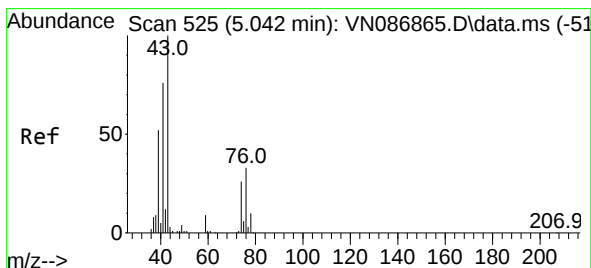
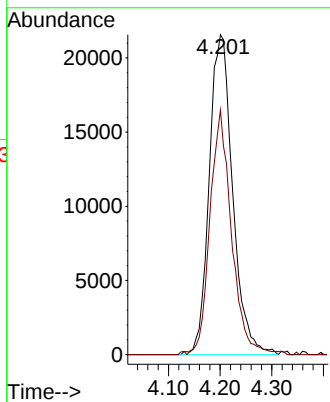
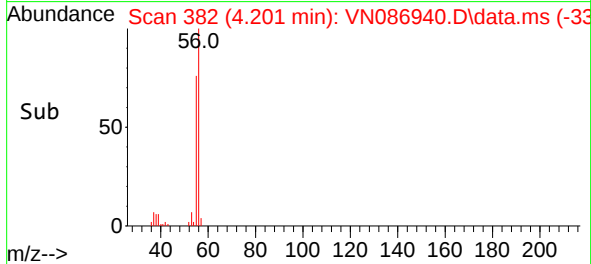
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 68000
Ion Ratio Lower Upper
56 100
55 70.2 55.6 83.4

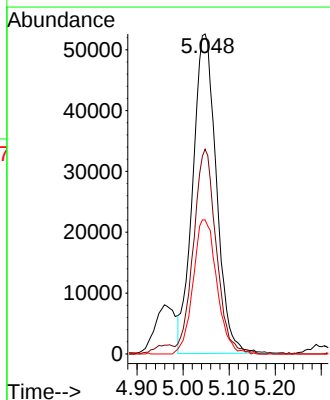
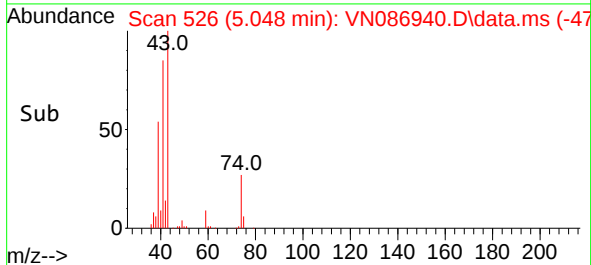
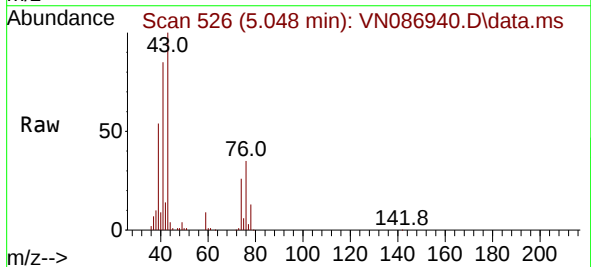
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#14
Allyl chloride
Concen: 49.420 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

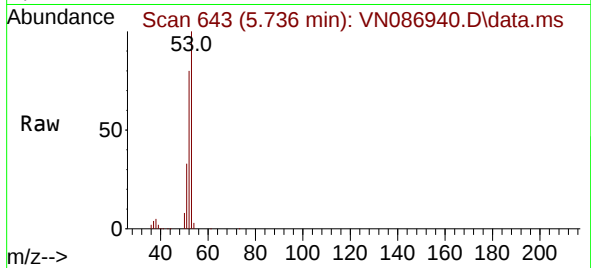
Tgt Ion: 41 Resp: 187099
Ion Ratio Lower Upper
41 100
39 62.0 51.3 76.9
76 42.2 31.4 47.0





#15
Acrylonitrile
Concen: 262.349 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

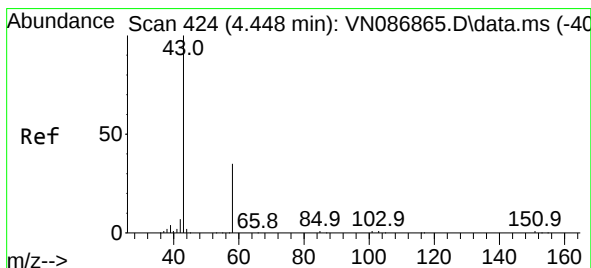
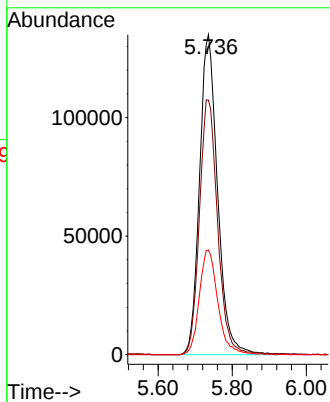
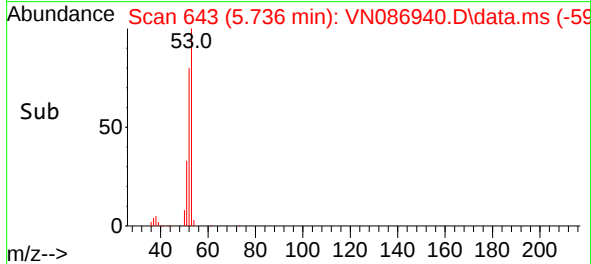
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



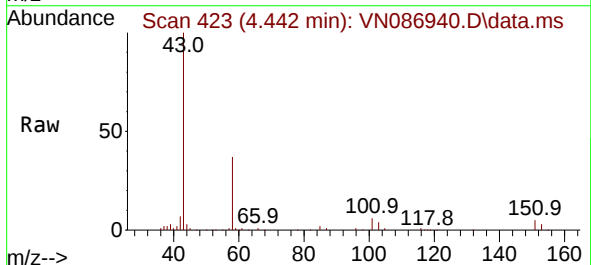
Tgt Ion: 53 Resp: 45690
Ion Ratio Lower Upper
53 100
52 80.2 65.0 97.6
51 33.6 27.2 40.8

Manual Integrations
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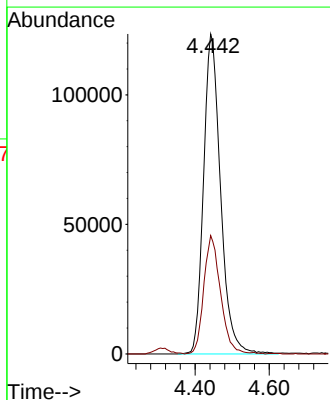
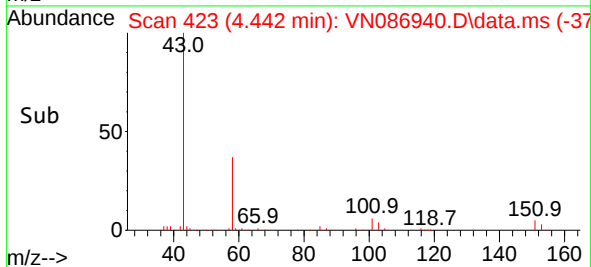
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#16
Acetone
Concen: 270.423 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32



Tgt Ion: 43 Resp: 393802
Ion Ratio Lower Upper
43 100
58 36.9 28.0 42.0





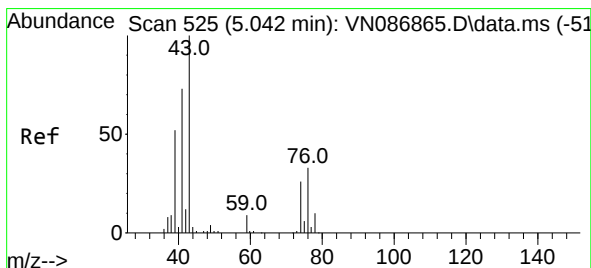
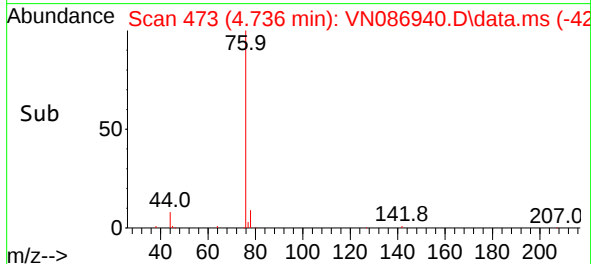
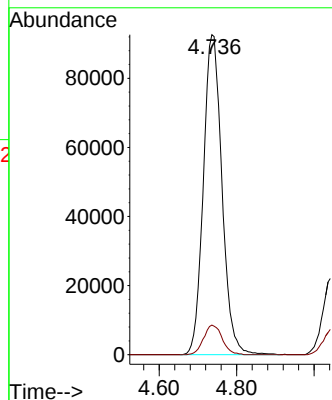
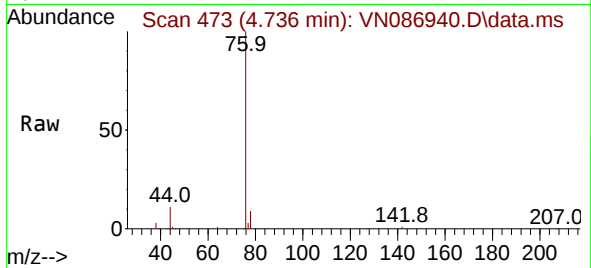
#17
Carbon Disulfide
Concen: 48.889 ug/l
RT: 4.736 min Scan# 472
Delta R.T. 0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 308700
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

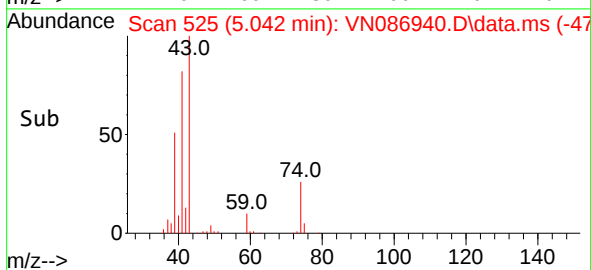
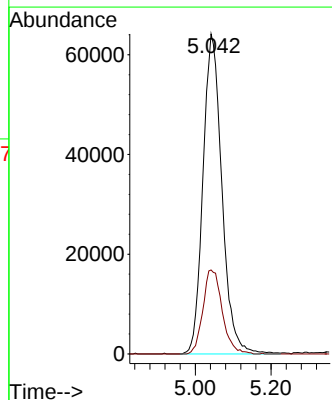
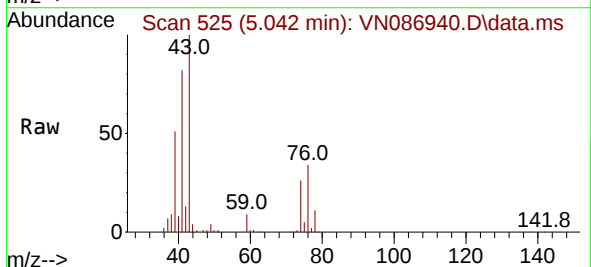
Manual Integrations
APPROVED

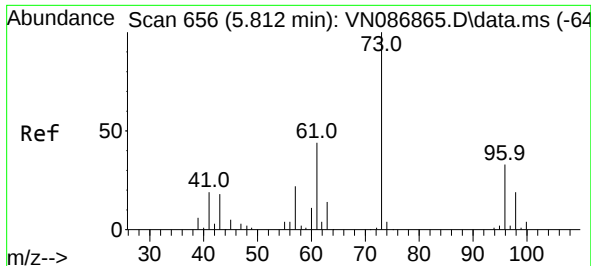
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#18
Methyl Acetate
Concen: 52.419 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 43 Resp: 222452
Ion Ratio Lower Upper
43 100
74 26.7 20.7 31.1





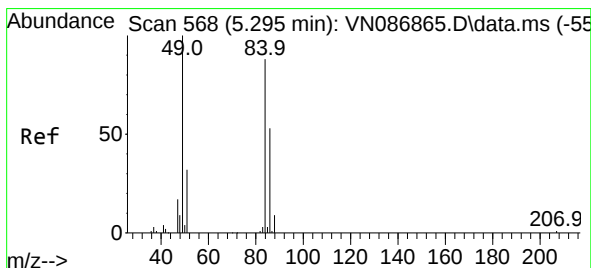
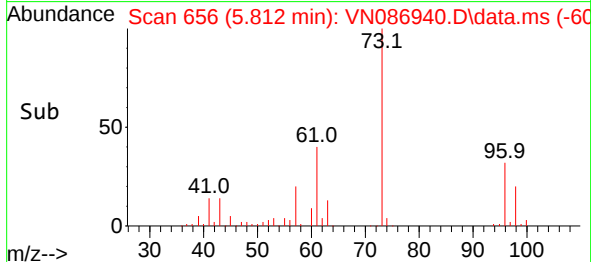
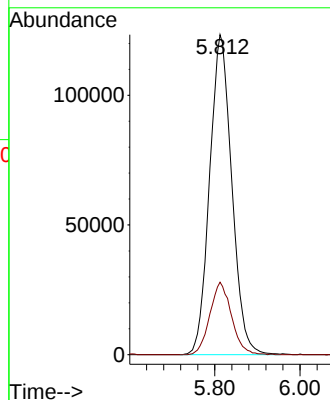
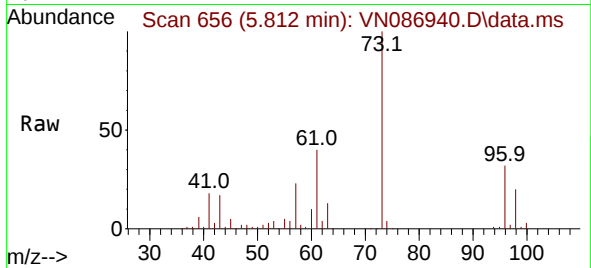
#19
Methyl tert-butyl Ether
Concen: 53.894 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 44545
Ion Ratio Lower Upper
73 100
57 22.7 17.4 26.2

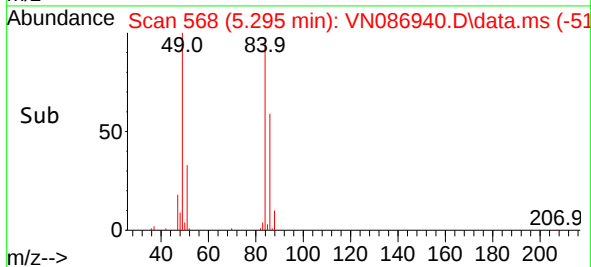
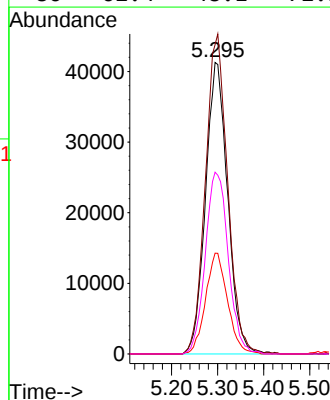
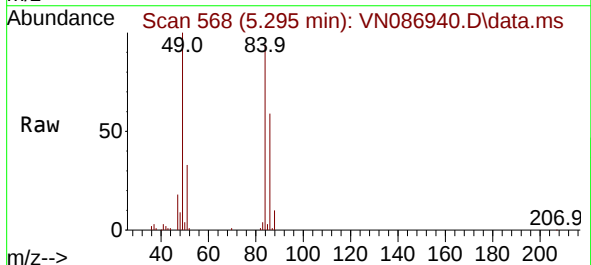
Manual Integrations
APPROVED

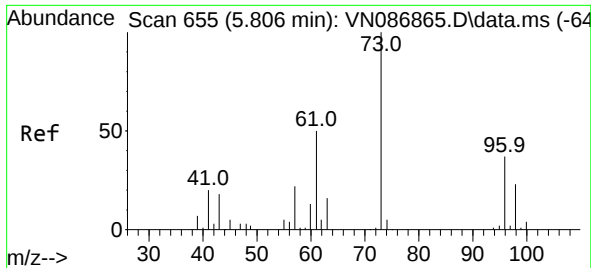
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#20
Methylene Chloride
Concen: 50.660 ug/l
RT: 5.295 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

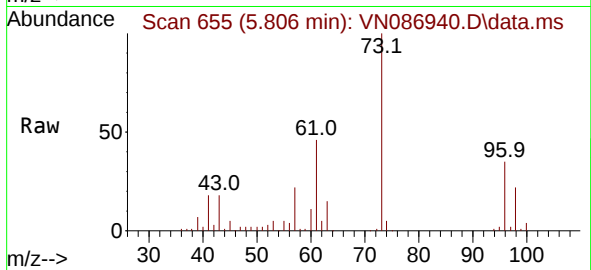
Tgt Ion: 84 Resp: 138117
Ion Ratio Lower Upper
84 100
49 106.1 90.5 135.7
51 34.5 28.5 42.7
86 62.4 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 51.154 ug/l
RT: 5.806 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

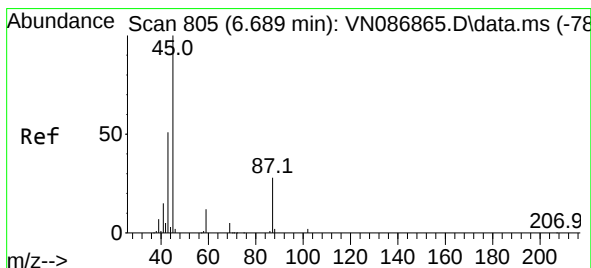
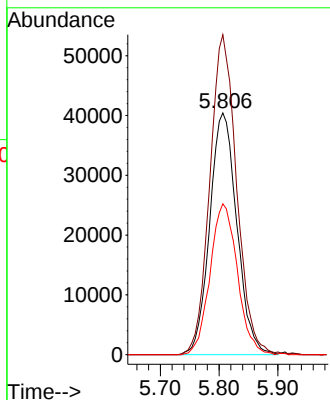
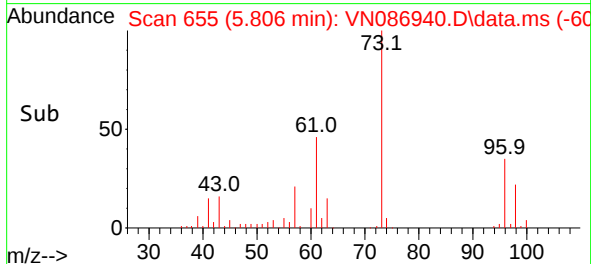
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



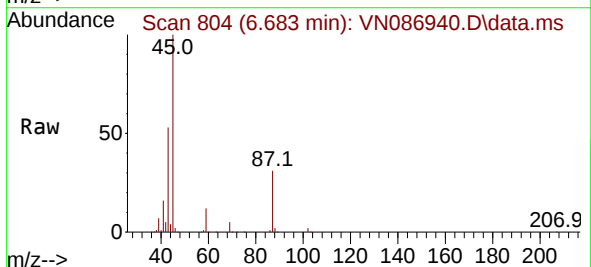
Tgt Ion: 96 Resp: 12992
Ion Ratio Lower Upper
96 100
61 132.3 109.2 163.8
98 62.4 49.8 74.8

Manual Integrations
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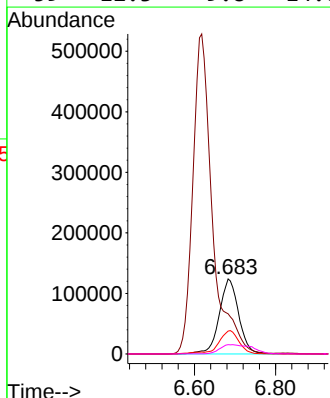
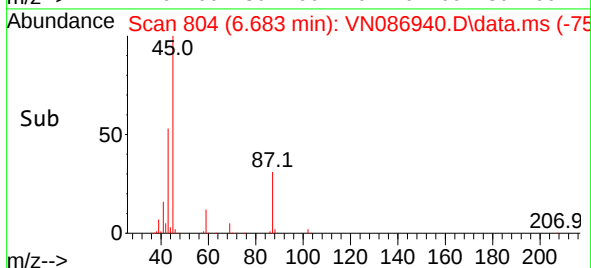
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#22
Diisopropyl ether
Concen: 51.639 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32



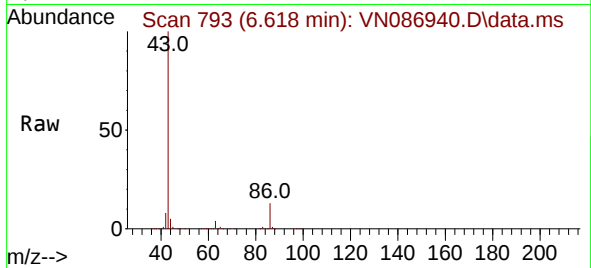
Tgt Ion: 45 Resp: 412097
Ion Ratio Lower Upper
45 100
43 52.4 41.9 62.9
87 30.3 22.4 33.6
59 12.3 9.8 14.6





#23
 Vinyl Acetate
 Concen: 261.960 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN086940.D
 Acq: 11 Jun 2025 11:32

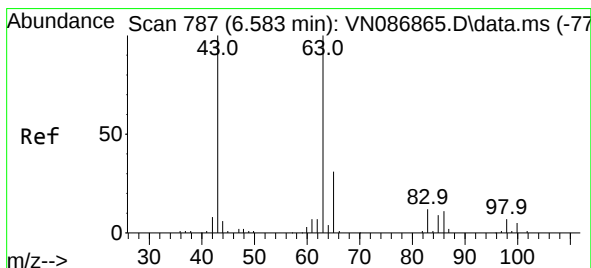
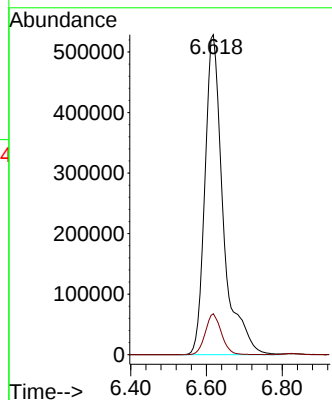
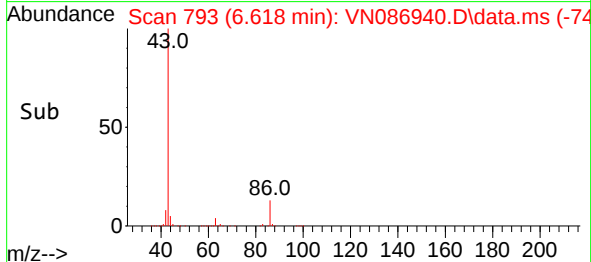
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



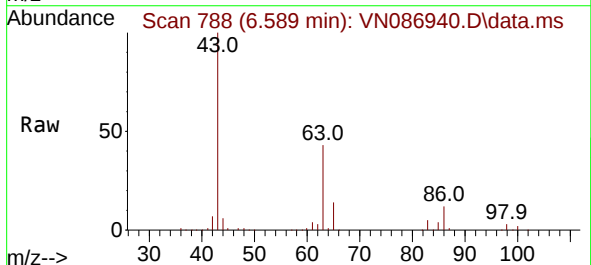
Tgt Ion: 43 Resp: 176627
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.5 14.3

Manual Integrations
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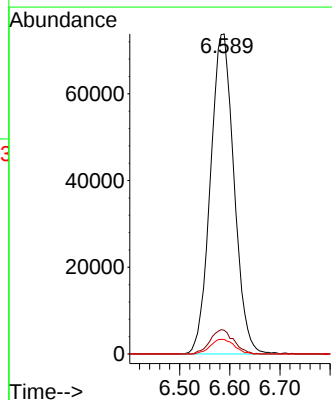
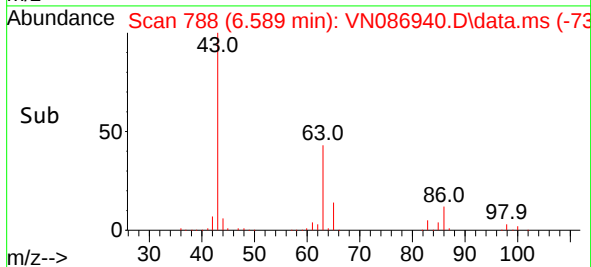
Reviewed By :John Carlone 06/12/2025
 Supervised By :Semsettin Yesilyurt 06/12/2025

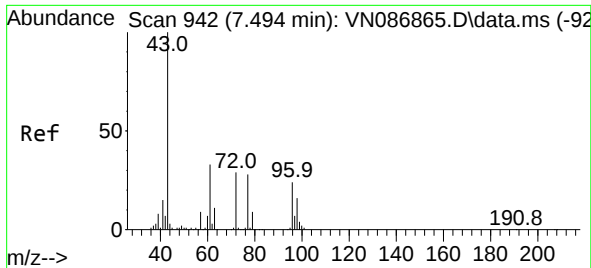


#24
 1,1-Dichloroethane
 Concen: 52.602 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN086940.D
 Acq: 11 Jun 2025 11:32



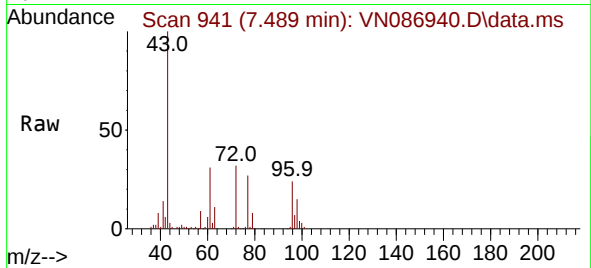
Tgt Ion: 63 Resp: 241575
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.5 2.6 7.8





#25
2-Butanone
Concen: 246.018 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

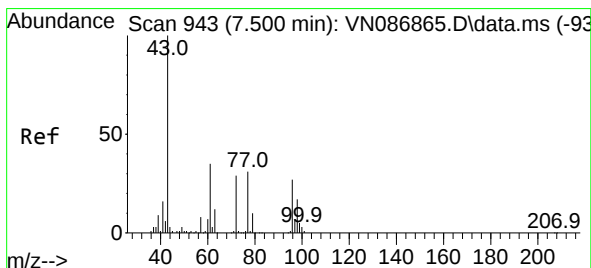
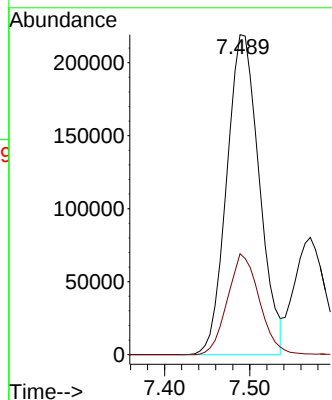
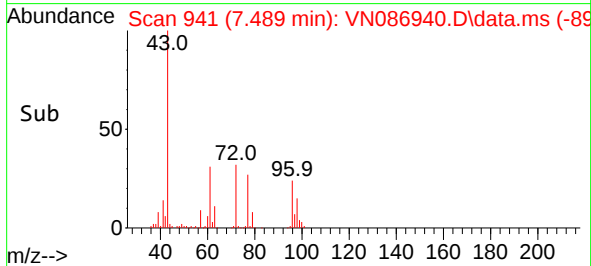
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 58234
Ion Ratio Lower Upper
43 100
72 31.5 23.0 34.6

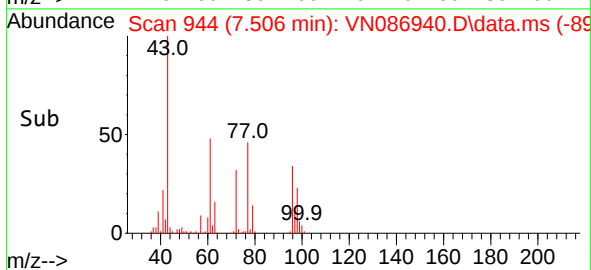
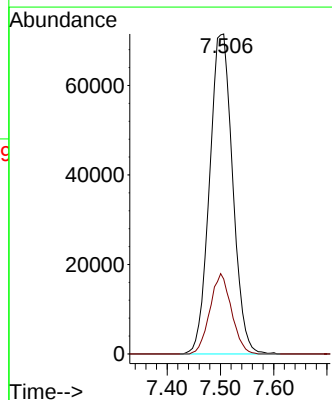
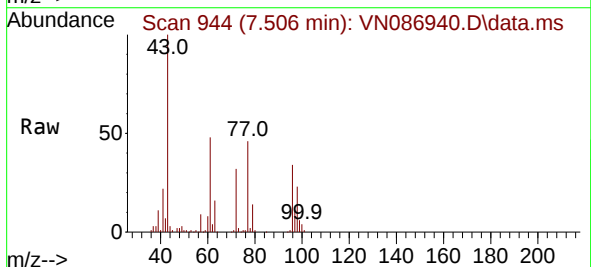
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#26
2,2-Dichloropropane
Concen: 60.206 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

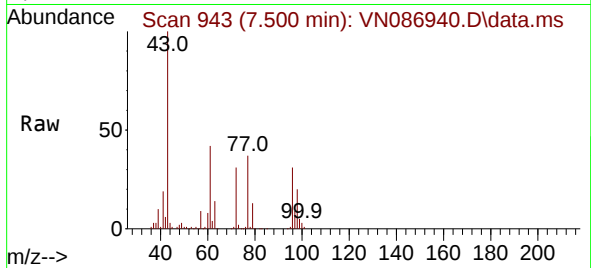
Tgt Ion: 77 Resp: 215080
Ion Ratio Lower Upper
77 100
97 23.4 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 53.551 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN086940.D
 Acq: 11 Jun 2025 11:32

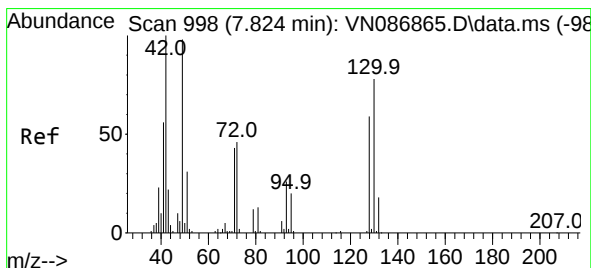
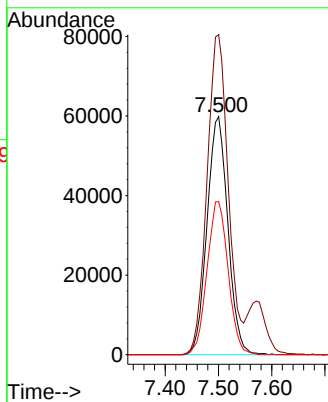
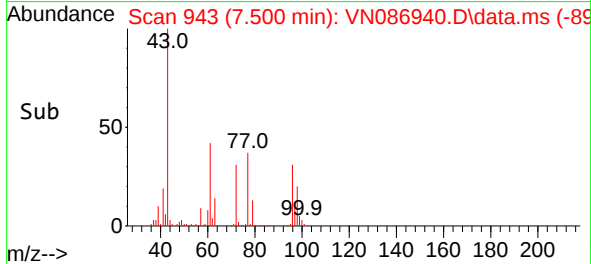
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 162658
 Ion Ratio Lower Upper
 96 100
 61 136.9 0.0 278.0
 98 65.1 0.0 128.2

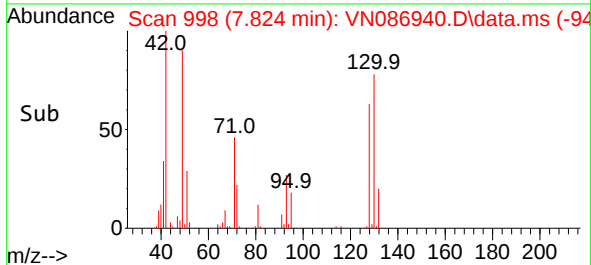
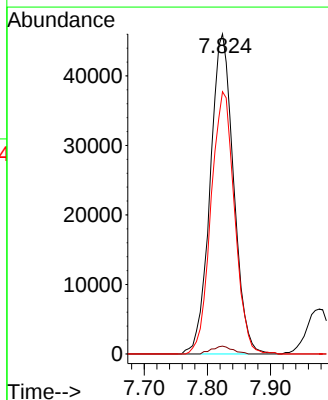
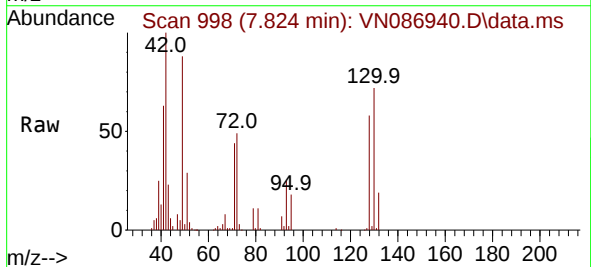
Manual Integrations
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Reviewed By :John Carlone 06/12/2025
 Supervised By :Semsettin Yesilyurt 06/12/2025



#28
 Bromochloromethane
 Concen: 52.462 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN086940.D
 Acq: 11 Jun 2025 11:32

Tgt Ion: 49 Resp: 118461
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 82.4 62.2 93.2





#29

Tetrahydrofuran

Concen: 246.502 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN086940.D

Acq: 11 Jun 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

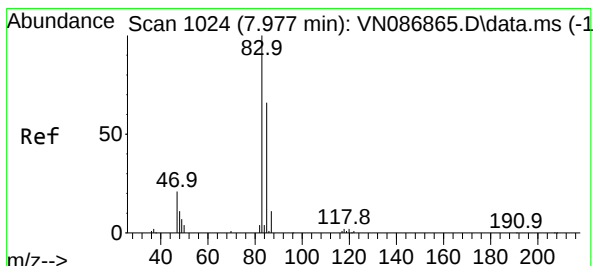
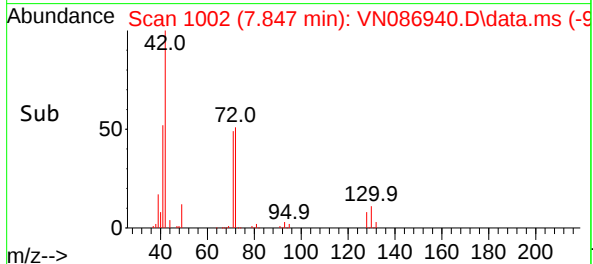
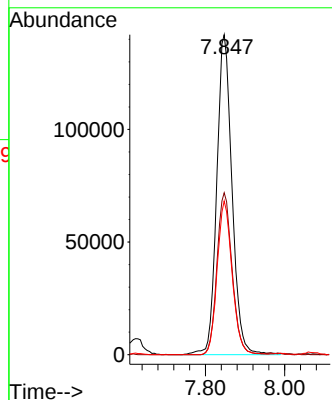
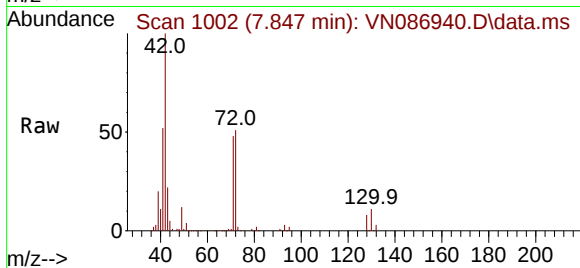
Tgt Ion:	42	Resp:	38010
Ion	Ratio	Lower	Upper
42	100		
72	50.1	37.8	56.6
71	47.0	35.6	53.4

Manual Integrations

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Reviewed By :John Carlone 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#30

Chloroform

Concen: 52.589 ug/l

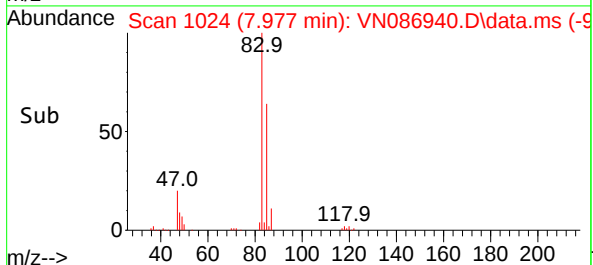
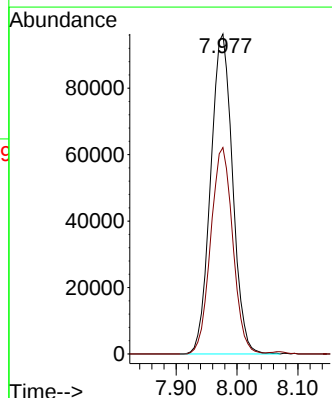
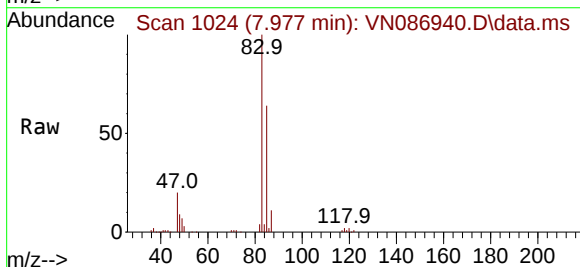
RT: 7.977 min Scan# 1024

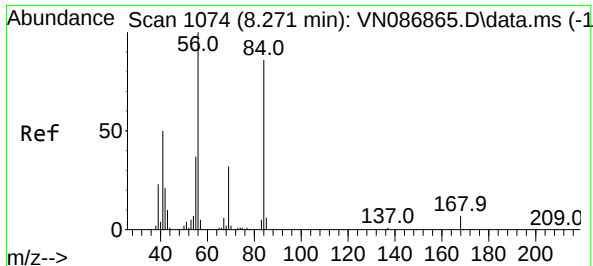
Delta R.T. -0.000 min

Lab File: VN086940.D

Acq: 11 Jun 2025 11:32

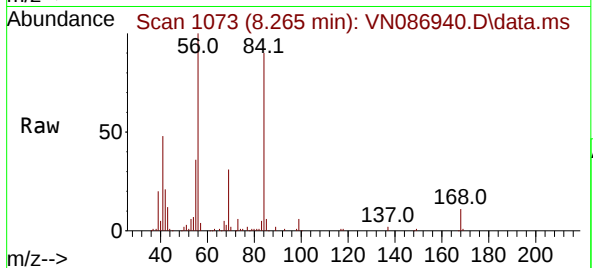
Tgt Ion:	83	Resp:	241191
Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.9	79.3





#31
Cyclohexane
Concen: 46.846 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

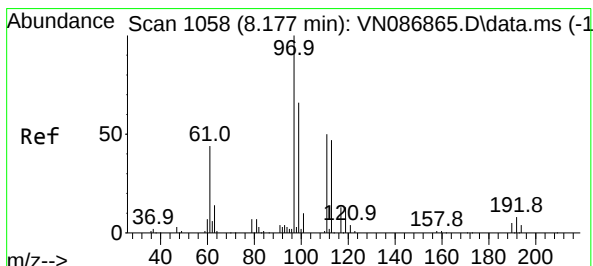
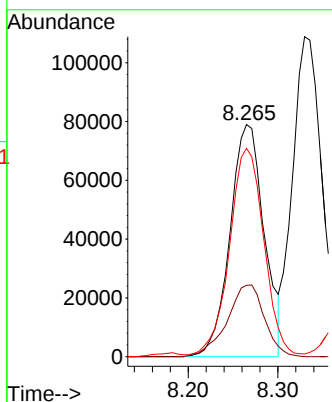
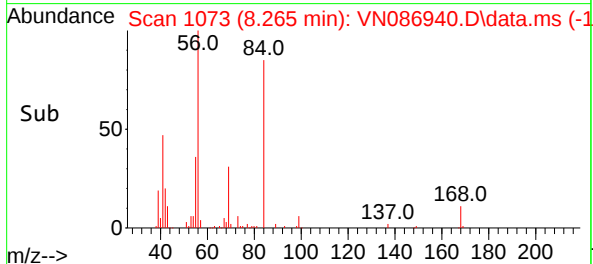
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 208644
Ion Ratio Lower Upper
56 100
69 30.7 25.4 38.0
84 88.6 68.8 103.2

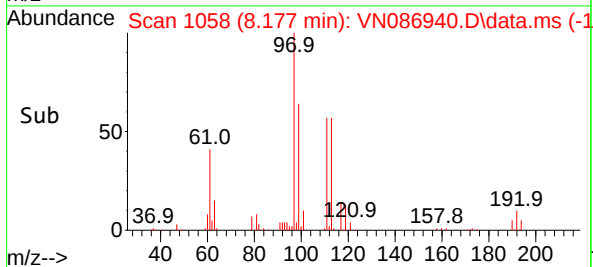
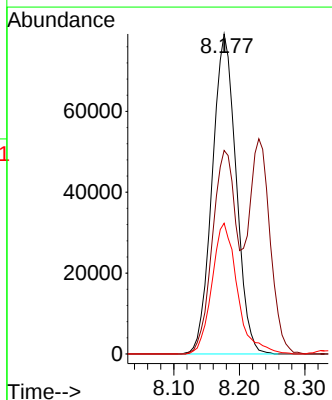
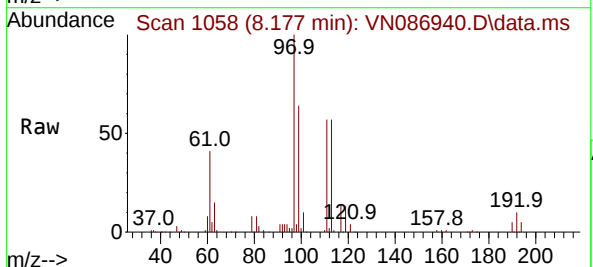
Manual Integrations
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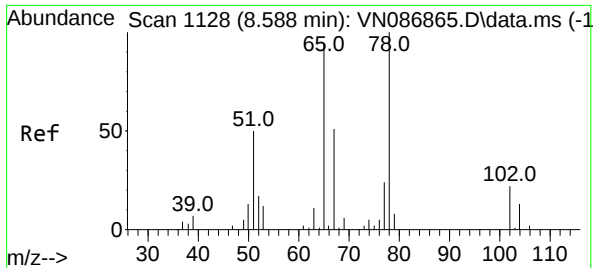
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#32
1,1,1-Trichloroethane
Concen: 51.307 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 97 Resp: 200139
Ion Ratio Lower Upper
97 100
99 62.4 52.0 78.0
61 43.5 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 46.478 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN086940.D

Acq: 11 Jun 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 127629

Ion Ratio Lower Upper

65 100

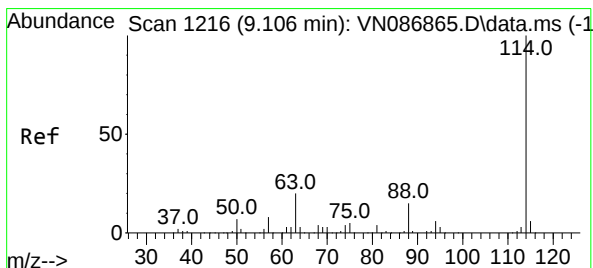
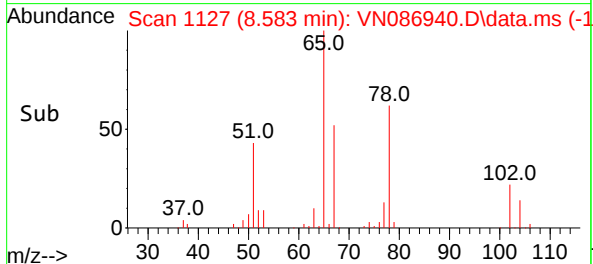
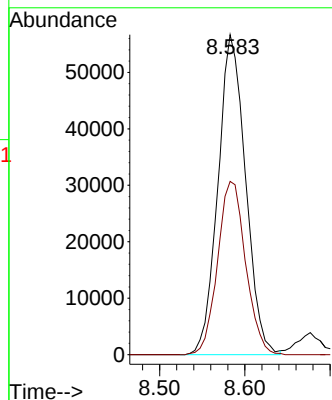
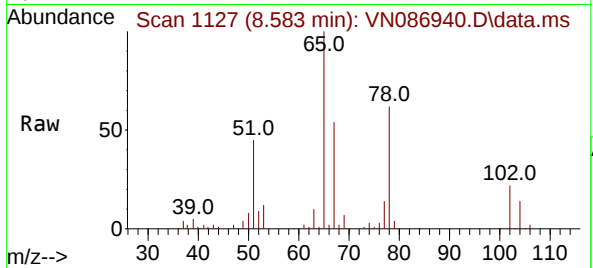
67 55.0 0.0 105.6

Manual Integrations

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Reviewed By :John Carlone 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086940.D

Acq: 11 Jun 2025 11:32

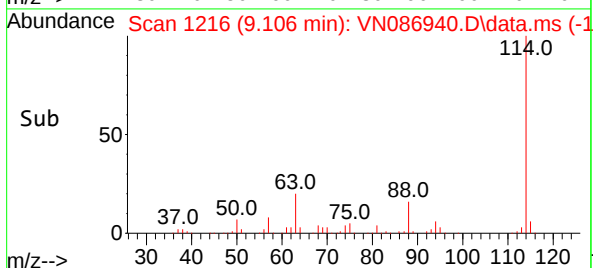
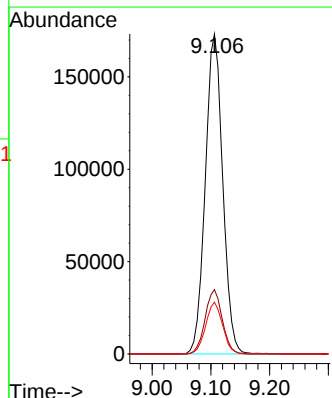
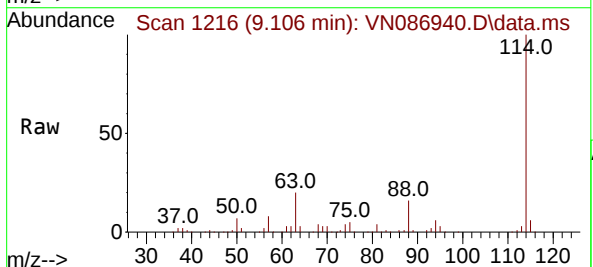
Tgt Ion:114 Resp: 357643

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

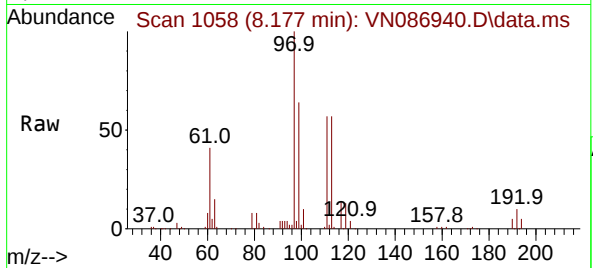
88 16.2 0.0 30.2





#35
Dibromofluoromethane
Concen: 52.151 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

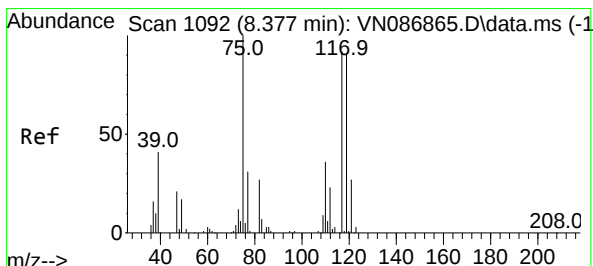
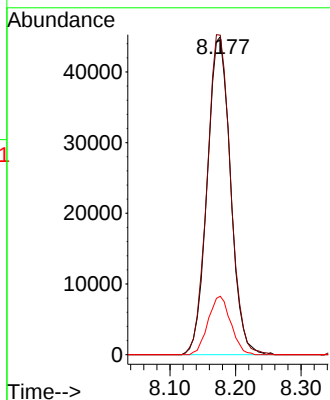
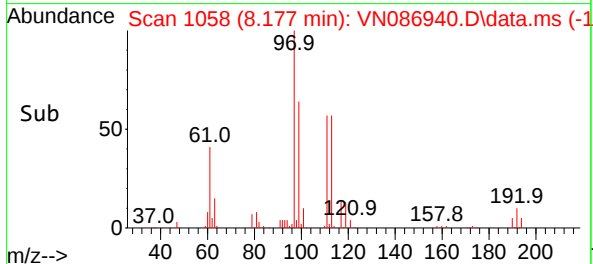
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 11053
Ion Ratio Lower Upper
113 100
111 101.8 84.2 126.2
192 17.9 14.2 21.4

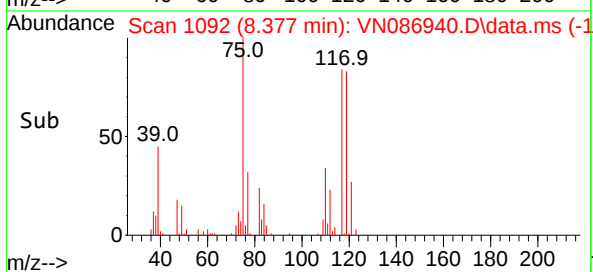
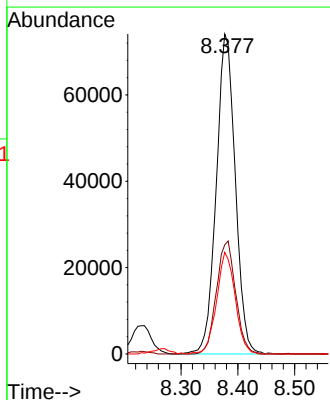
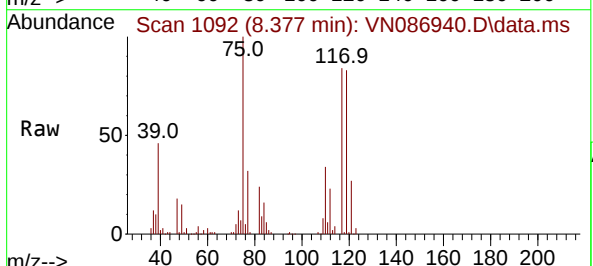
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#36
1,1-Dichloropropene
Concen: 54.664 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

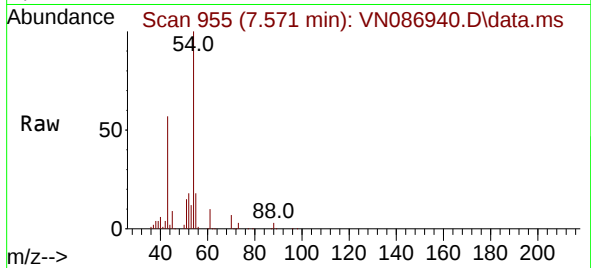
Tgt Ion: 75 Resp: 172642
Ion Ratio Lower Upper
75 100
110 35.6 17.6 52.9
77 31.1 25.3 37.9





#37
Ethyl Acetate
Concen: 52.670 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

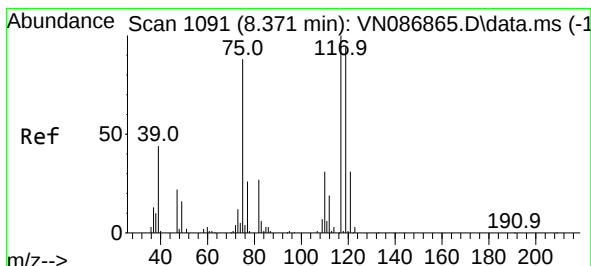
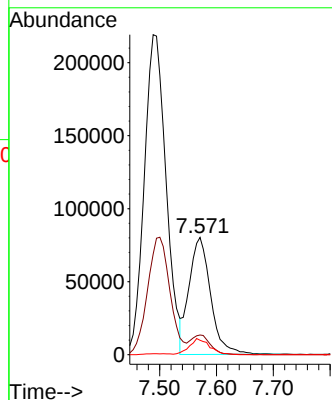
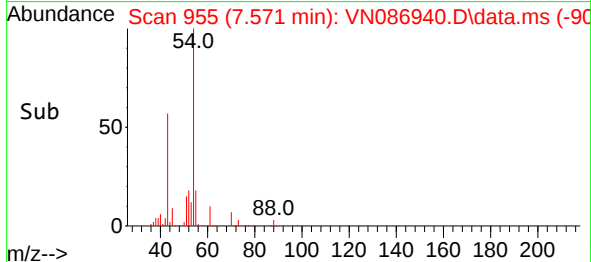
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 21175
Ion Ratio Lower Upper
43 100
61 15.2 12.1 18.1
70 12.8 9.8 14.6

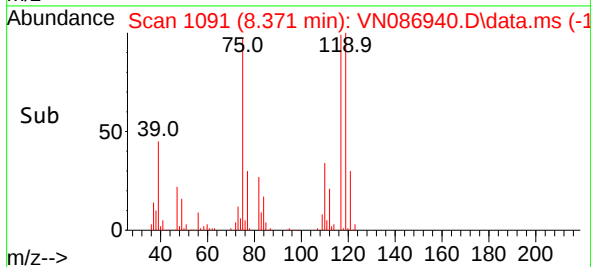
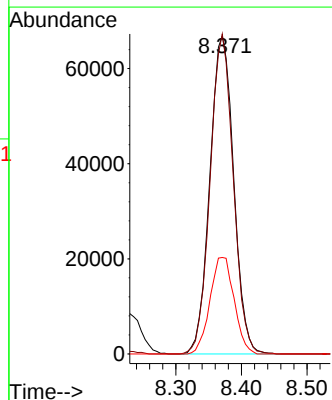
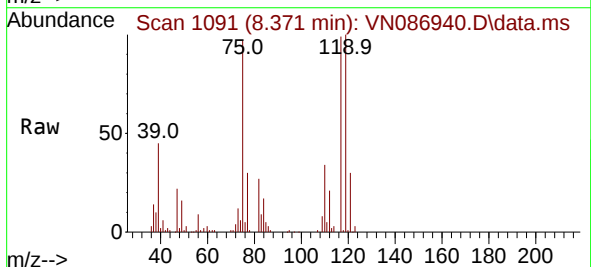
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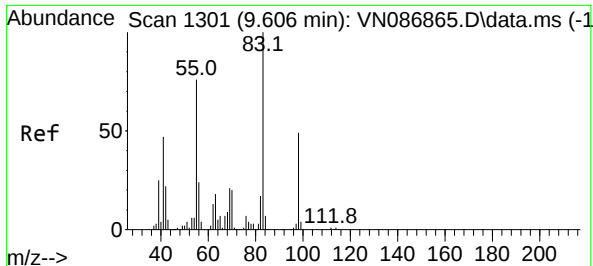
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#38
Carbon Tetrachloride
Concen: 54.485 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:117 Resp: 168940
Ion Ratio Lower Upper
117 100
119 100.6 75.0 112.6
121 30.4 24.9 37.3





#39

Methylcyclohexane

Concen: 47.613 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN086940.D

Acq: 11 Jun 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

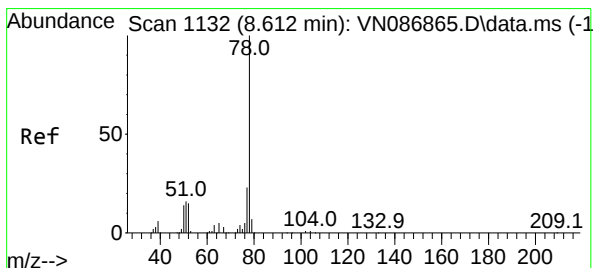
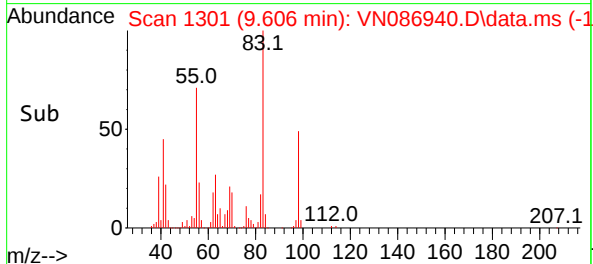
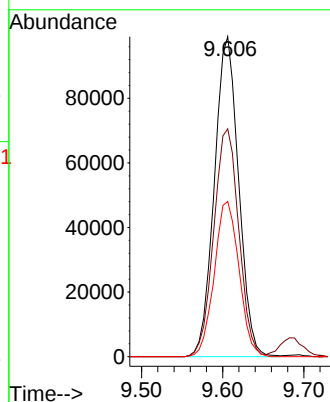
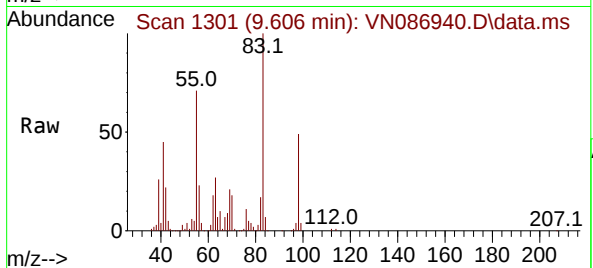
Tgt Ion:	83	Resp:	206018
Ion Ratio	Lower	Upper	
83	100		
55	71.2	61.0	91.6
98	48.5	38.9	58.3

Manual Integrations

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Reviewed By :John Carlone 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#40

Benzene

Concen: 53.798 ug/l

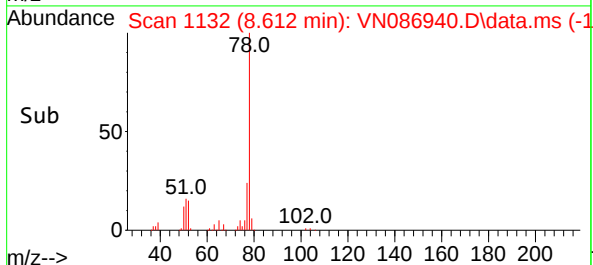
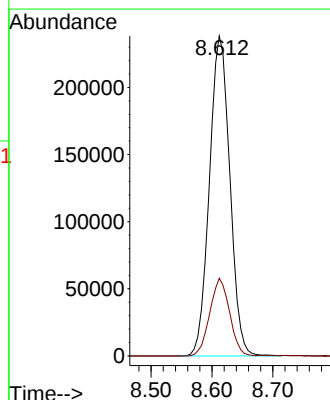
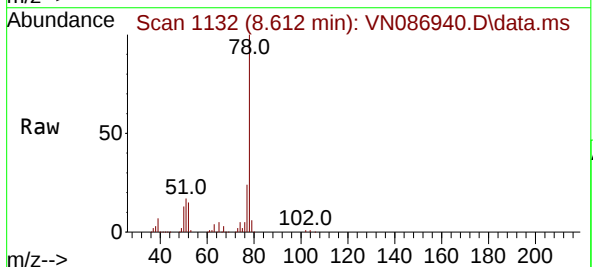
RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN086940.D

Acq: 11 Jun 2025 11:32

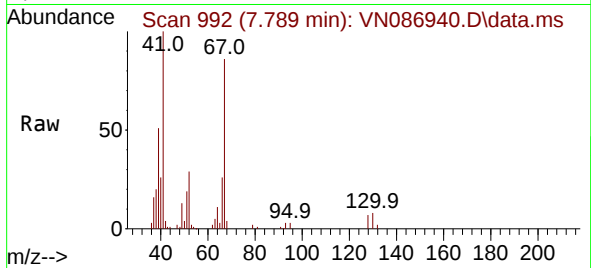
Tgt Ion:	78	Resp:	555597
Ion Ratio	Lower	Upper	
78	100		
77	24.3	18.7	28.1





#41
Methacrylonitrile
Concen: 51.017 ug/l
RT: 7.789 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

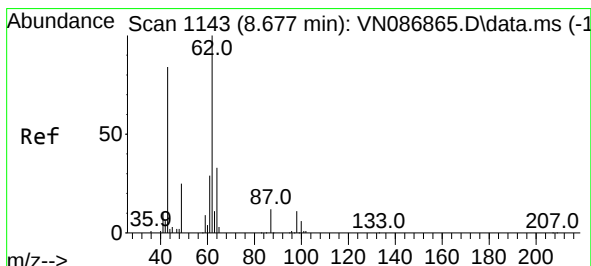
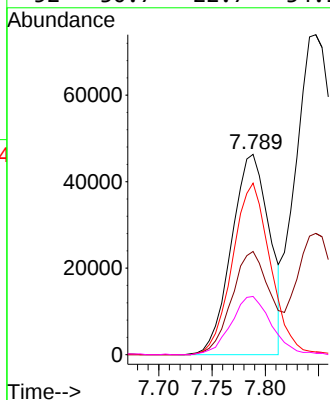
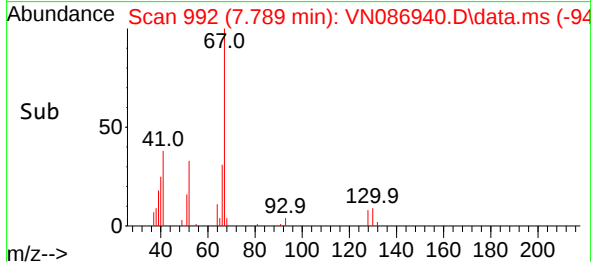
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 11519
Ion Ratio Lower Upper
41 100
39 53.8 41.2 61.8
67 85.5 61.4 92.2
52 30.7 22.7 34.1

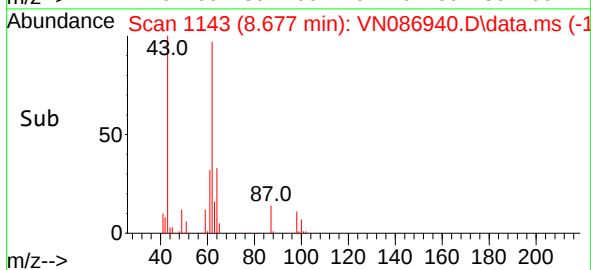
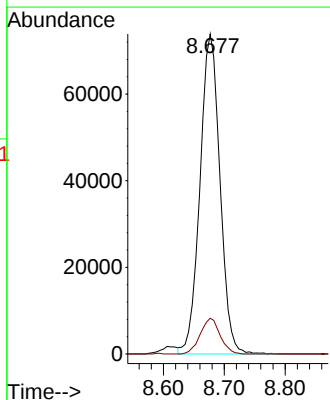
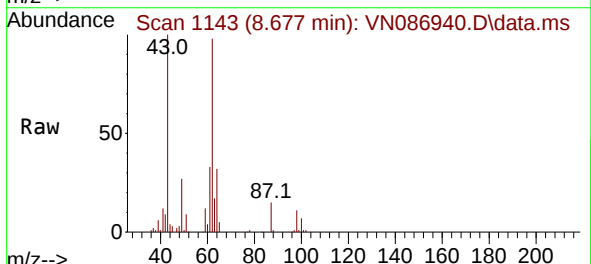
Manual Integrations
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Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#42
1,2-Dichloroethane
Concen: 53.833 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

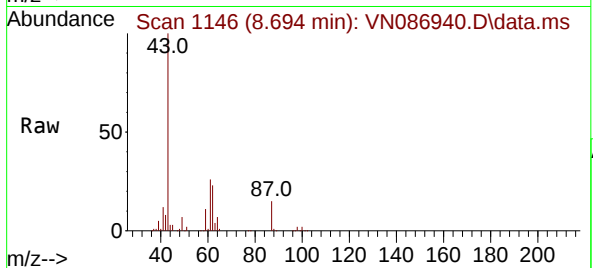
Tgt Ion: 62 Resp: 168630
Ion Ratio Lower Upper
62 100
98 11.0 0.0 21.2





#43
Isopropyl Acetate
Concen: 52.442 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

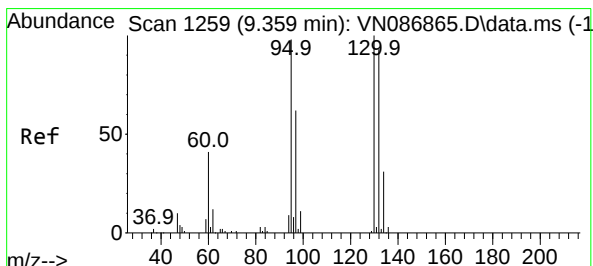
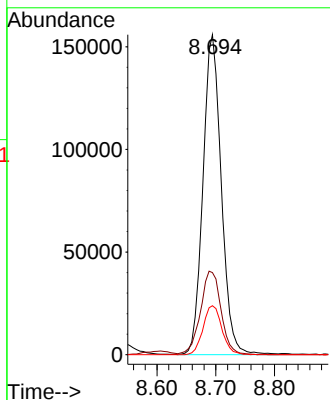
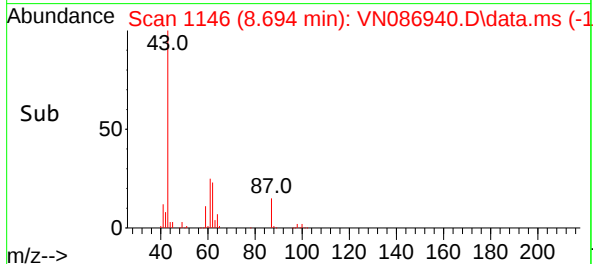
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 338399
Ion Ratio Lower Upper
43 100
61 29.2 22.1 33.1
87 15.7 11.8 17.6

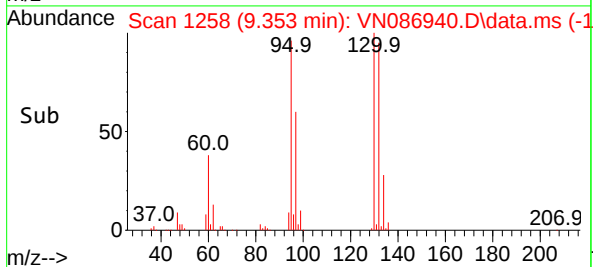
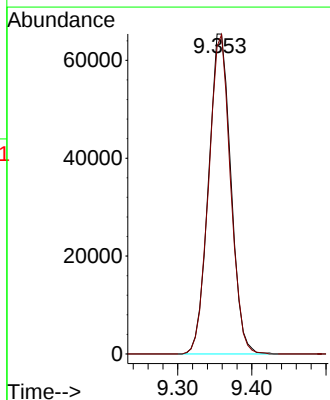
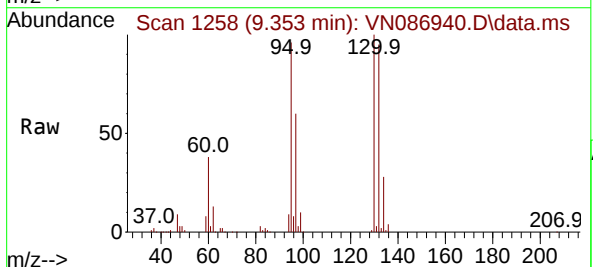
Manual Integrations
APPROVED

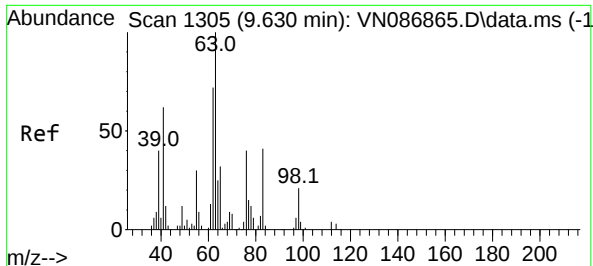
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#44
Trichloroethene
Concen: 55.842 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:130 Resp: 136748
Ion Ratio Lower Upper
130 100
95 96.1 0.0 196.2





#45

1,2-Dichloropropane

Concen: 54.626 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN086940.D

Acq: 11 Jun 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 137250

Ion Ratio Lower Upper

63 100

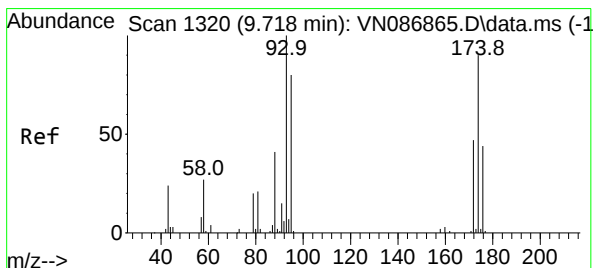
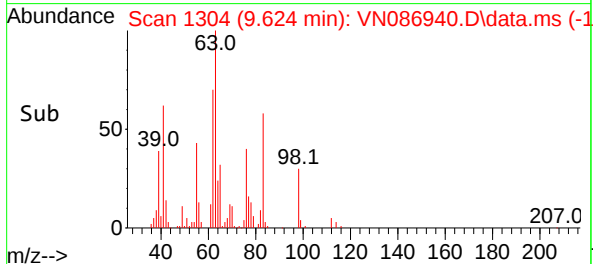
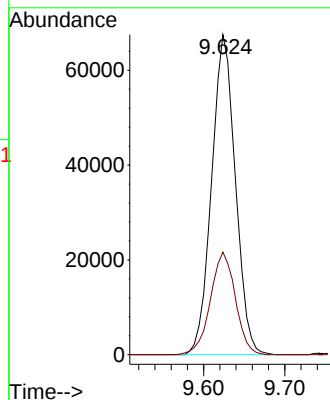
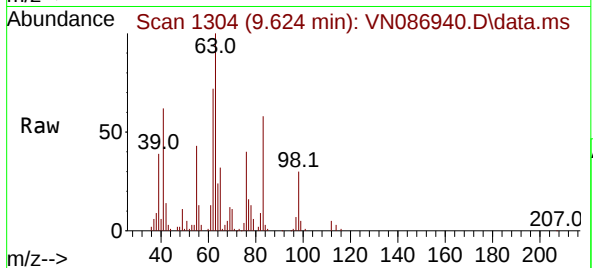
65 32.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#46

Dibromomethane

Concen: 56.697 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086940.D

Acq: 11 Jun 2025 11:32

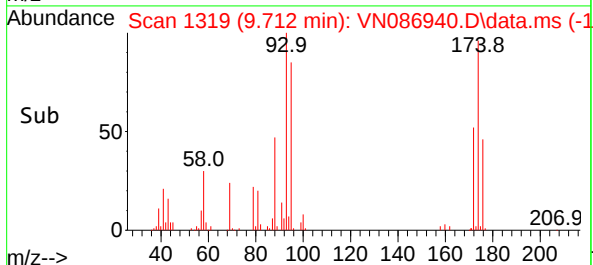
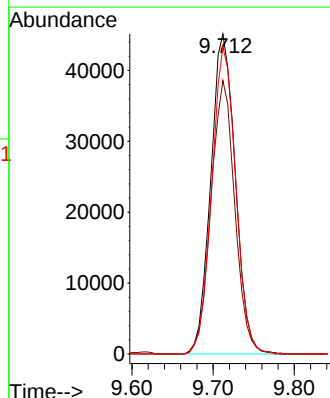
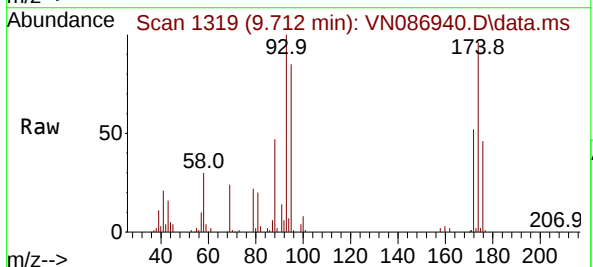
Tgt Ion: 93 Resp: 94620

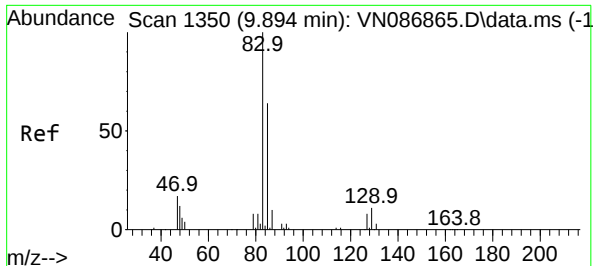
Ion Ratio Lower Upper

93 100

95 82.9 67.1 100.7

174 94.1 74.2 111.4





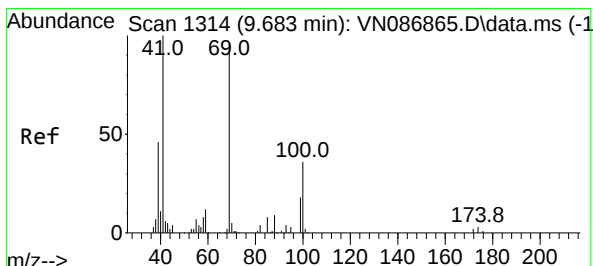
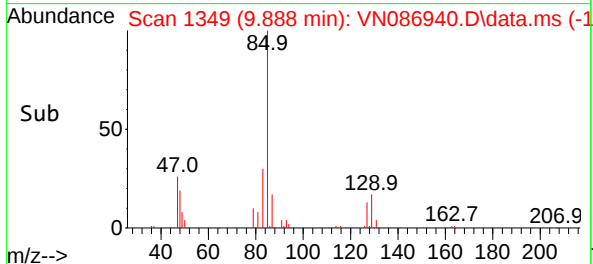
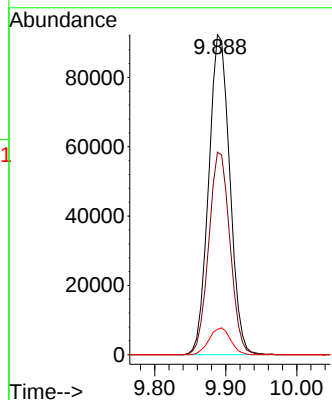
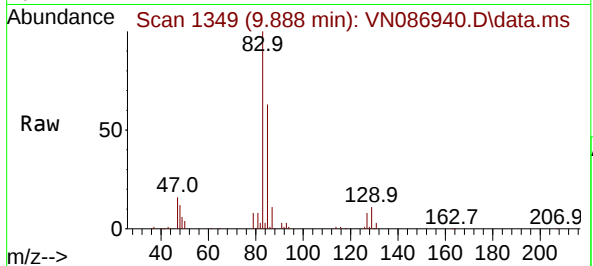
#47
Bromodichloromethane
Concen: 55.440 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 190362
Ion Ratio Lower Upper
83 100
85 63.3 50.9 76.3
127 7.9 6.6 10.0

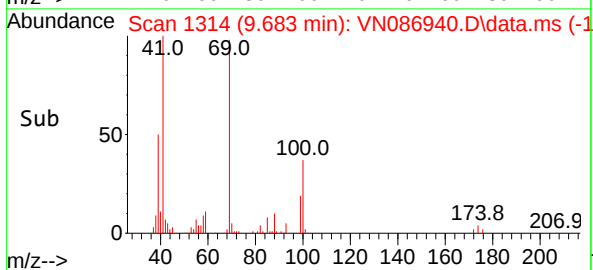
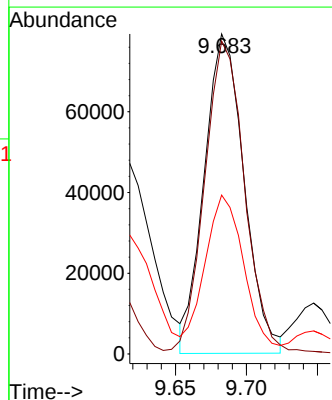
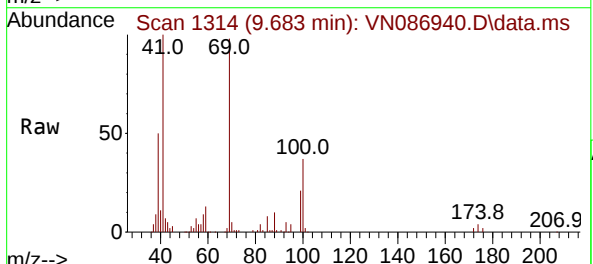
Manual Integrations
APPROVED

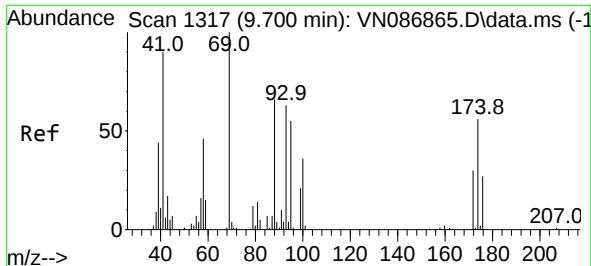
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#48
Methyl methacrylate
Concen: 51.898 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

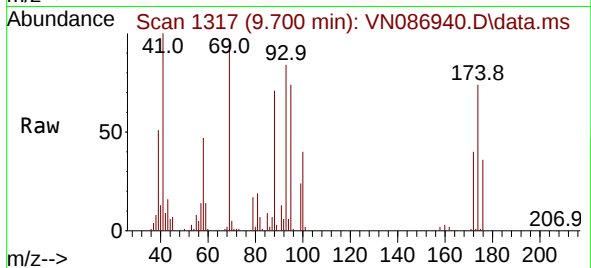
Tgt Ion: 41 Resp: 154138
Ion Ratio Lower Upper
41 100
69 98.4 74.6 112.0
39 49.7 40.2 60.4





#49
1,4-Dioxane
Concen: 1128.409 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

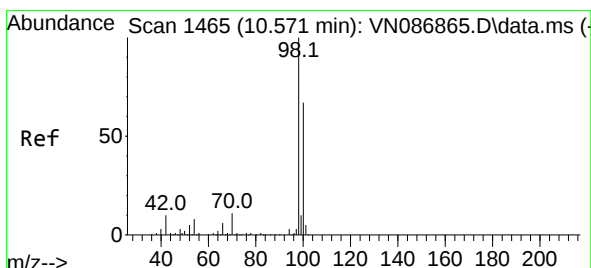
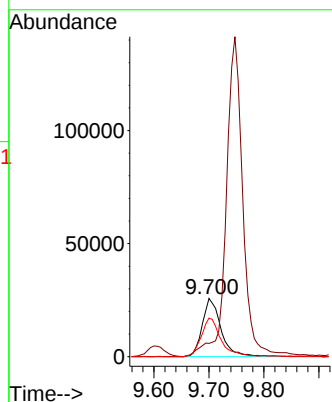
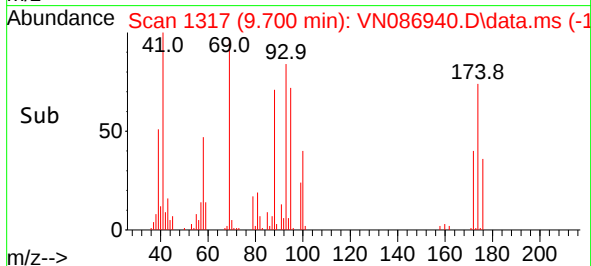
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 60969
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 68.8 57.7 86.5

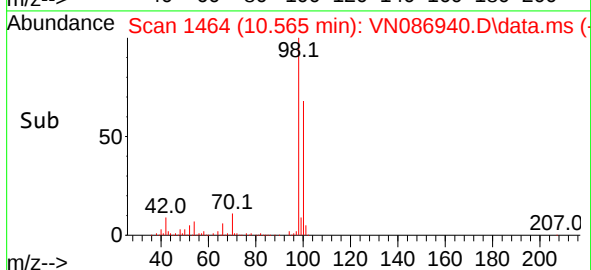
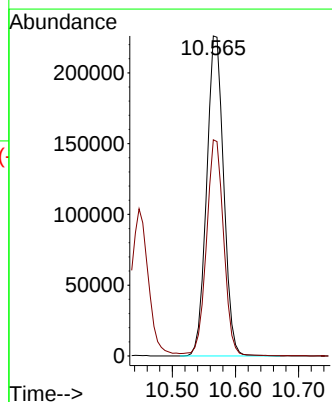
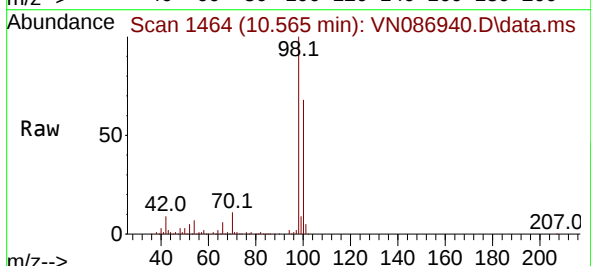
Manual Integrations
APPROVED

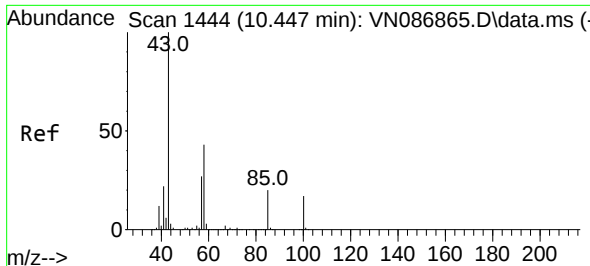
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#50
Toluene-d8
Concen: 50.342 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

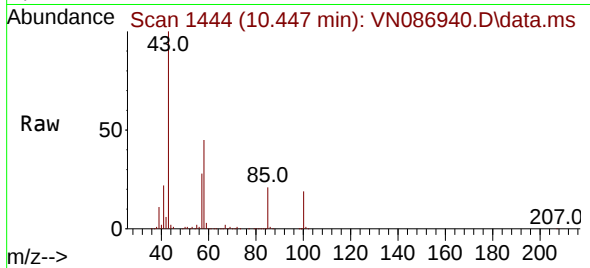
Tgt Ion: 98 Resp: 422391
Ion Ratio Lower Upper
98 100
100 68.2 53.4 80.0





#51
4-Methyl-2-Pentanone
Concen: 271.529 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

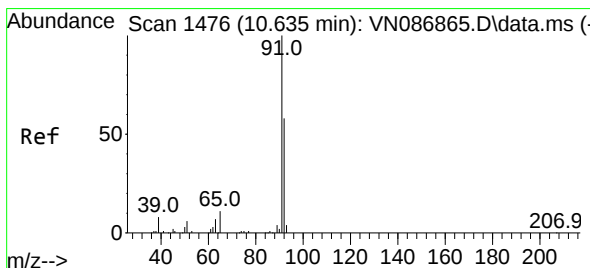
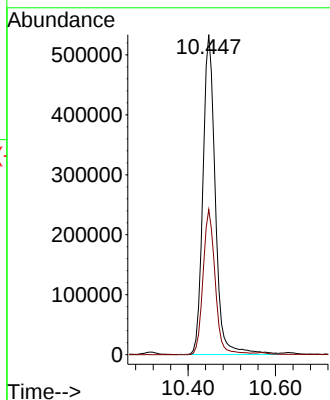
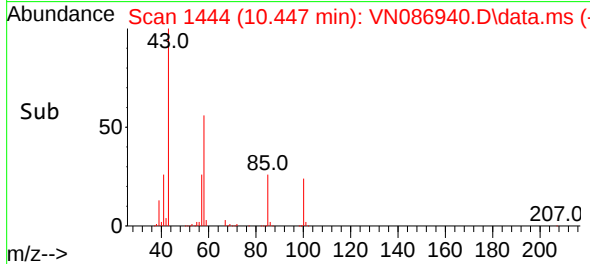
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



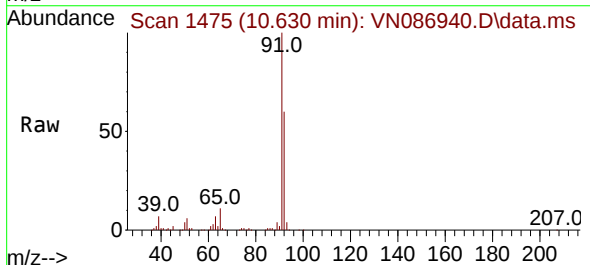
Tgt Ion: 43 Resp: 105479
Ion Ratio Lower Upper
43 100
58 44.3 34.2 51.4

Manual Integrations
APPROVED

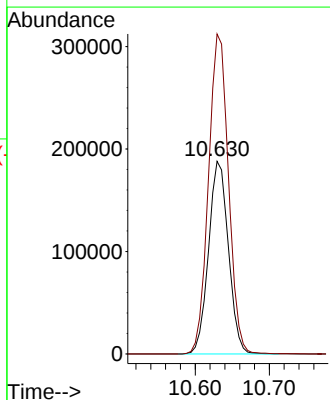
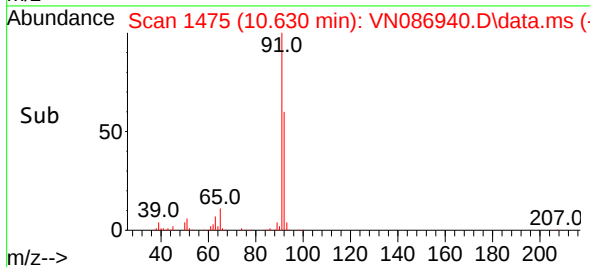
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

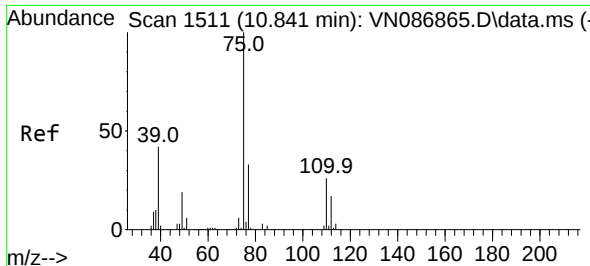


#52
Toluene
Concen: 55.435 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32



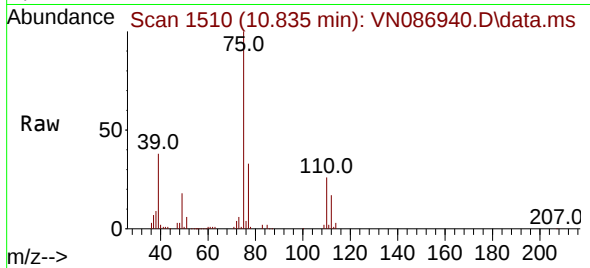
Tgt Ion: 92 Resp: 349873
Ion Ratio Lower Upper
92 100
91 167.2 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 56.714 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

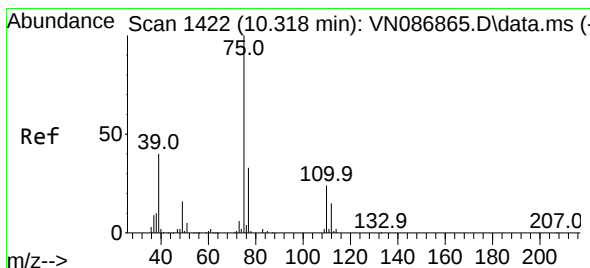
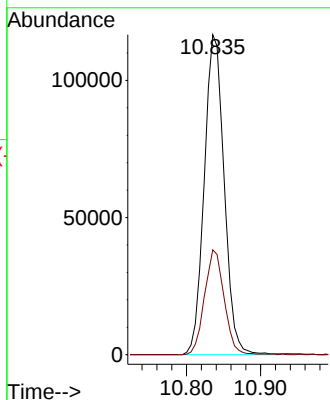
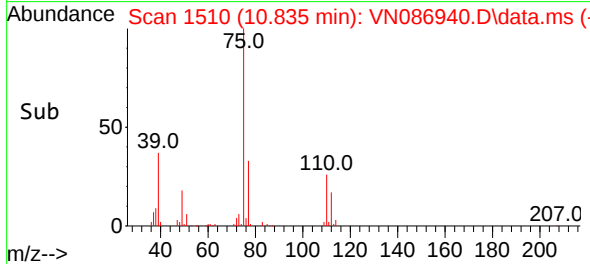
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 217752
Ion Ratio Lower Upper
75 100
77 32.7 26.4 39.6

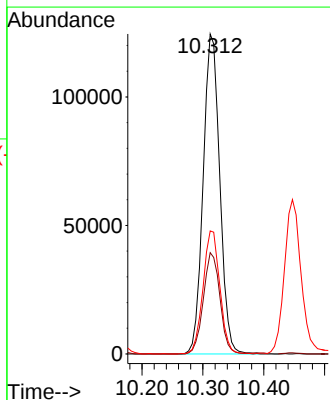
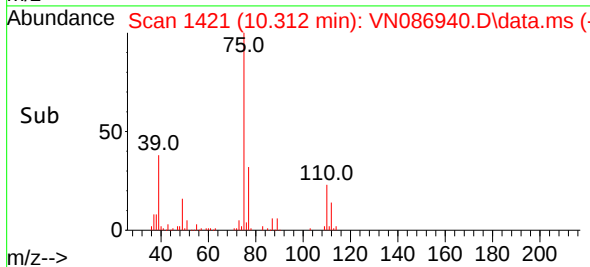
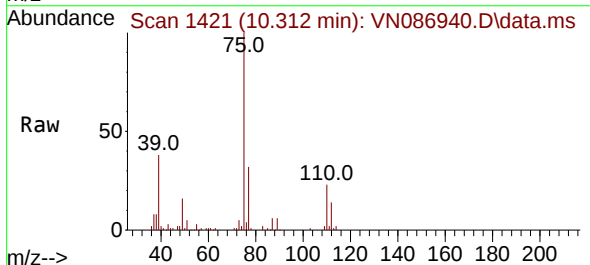
Manual Integrations
APPROVED

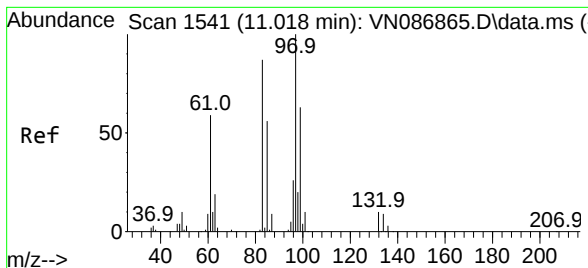
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#54
cis-1,3-Dichloropropene
Concen: 57.518 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

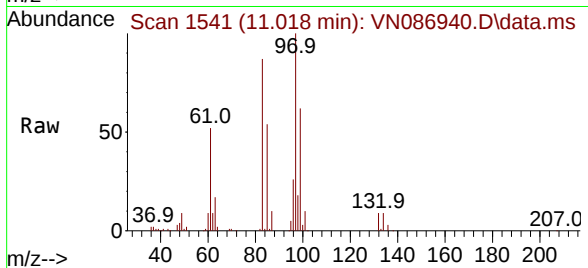
Tgt Ion: 75 Resp: 236296
Ion Ratio Lower Upper
75 100
77 31.6 26.2 39.4
39 38.5 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 56.454 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

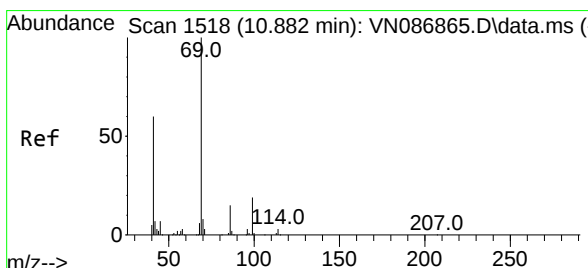
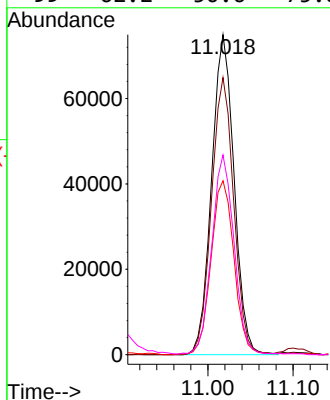
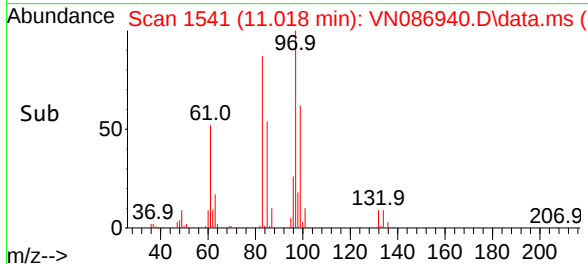
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050



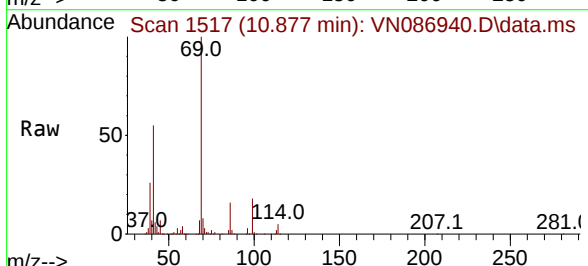
Tgt Ion: 97 Resp: 137099
Ion Ratio Lower Upper
97 100
83 86.6 69.7 104.5
85 54.1 45.1 67.7
99 62.2 50.6 75.8

Manual Integrations
APPROVED

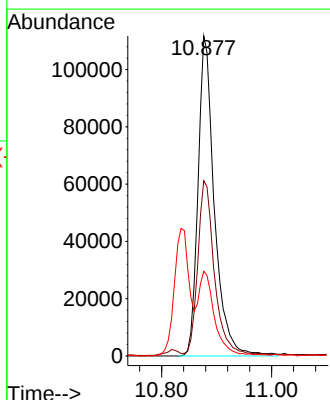
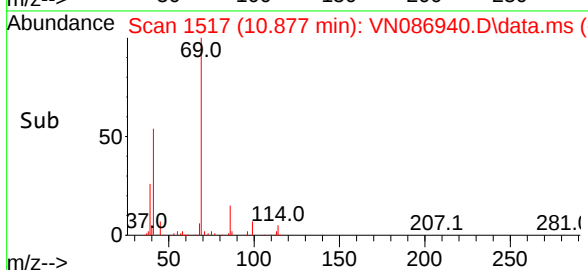
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

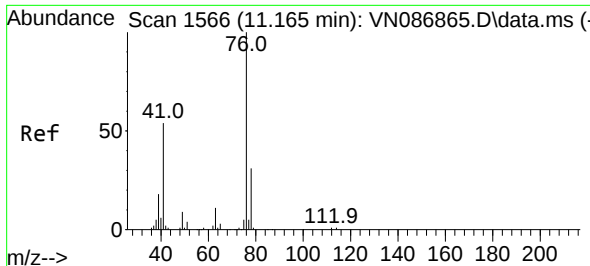


#56
Ethyl methacrylate
Concen: 59.778 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32



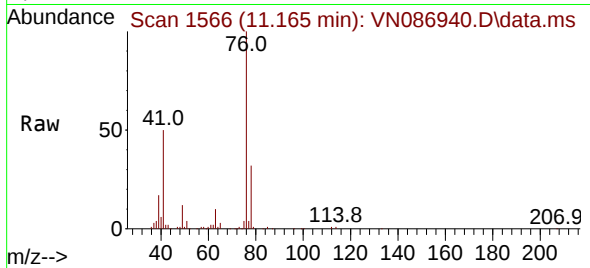
Tgt Ion: 69 Resp: 231226
Ion Ratio Lower Upper
69 100
41 55.6 47.2 70.8
39 26.0 23.0 34.6





#57
1,3-Dichloropropane
Concen: 55.247 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

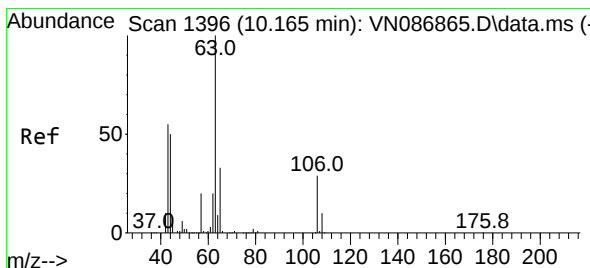
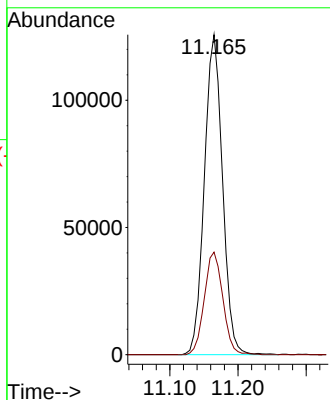
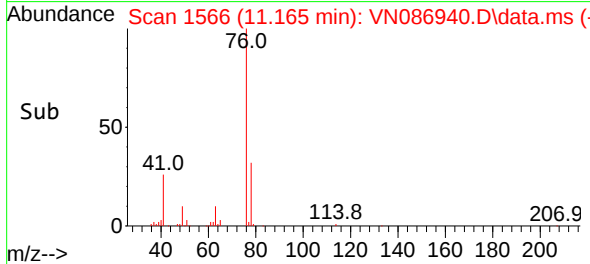
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 232740
Ion Ratio Lower Upper
76 100
78 32.8 25.3 37.9

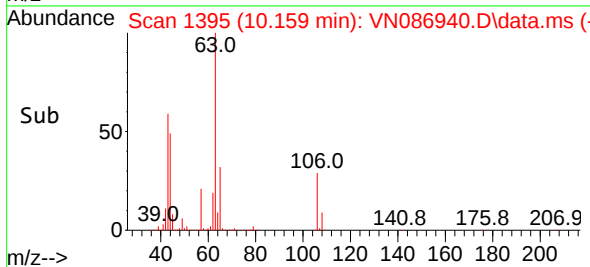
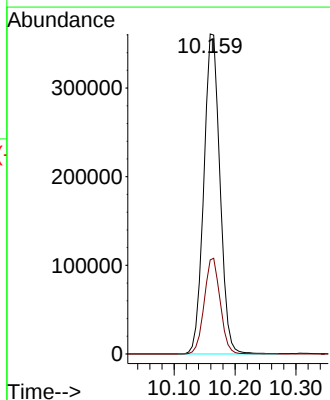
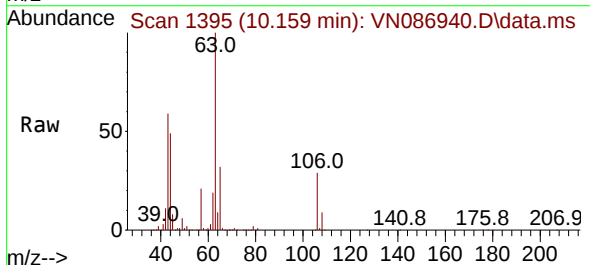
Manual Integrations
APPROVED

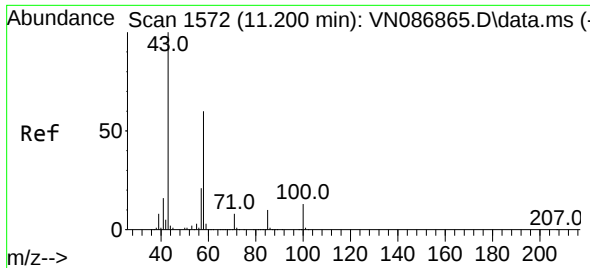
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#58
2-Chloroethyl Vinyl ether
Concen: 288.579 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

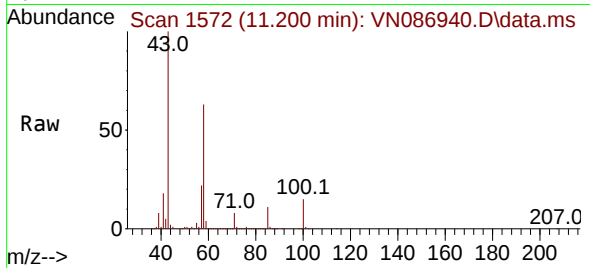
Tgt Ion: 63 Resp: 665780
Ion Ratio Lower Upper
63 100
106 29.5 23.0 34.6





#59
2-Hexanone
Concen: 282.011 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

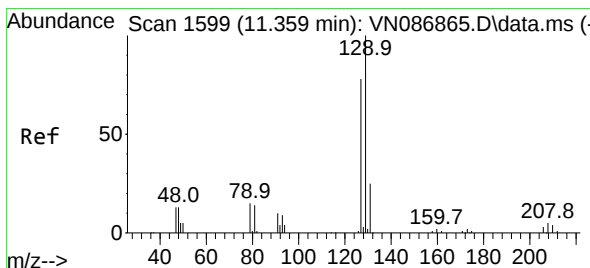
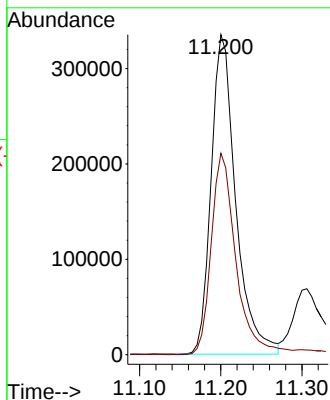
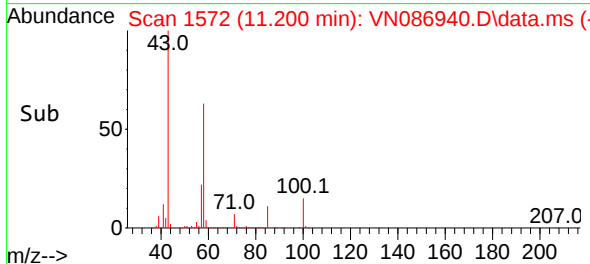
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



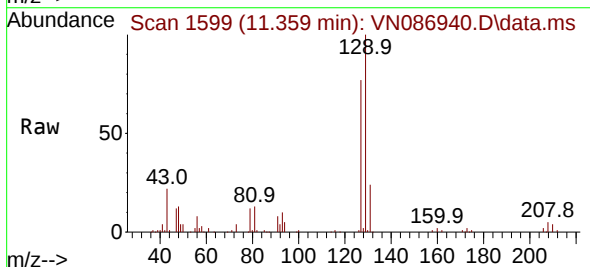
Tgt Ion: 43 Resp: 705660
Ion Ratio Lower Upper
43 100
58 63.5 30.4 91.3

Manual Integrations
APPROVED

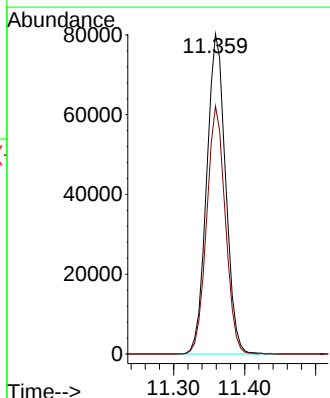
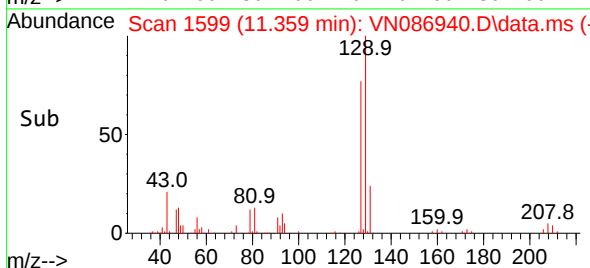
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

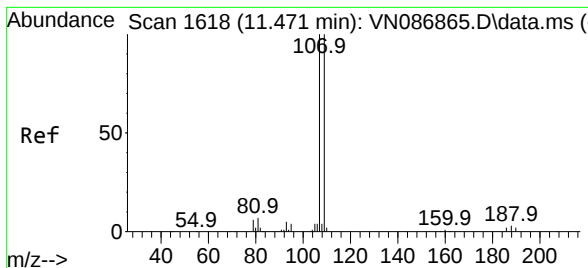


#60
Dibromochloromethane
Concen: 58.520 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32



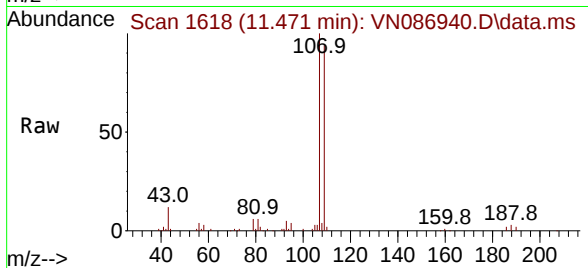
Tgt Ion:129 Resp: 148069
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.8





#61
1,2-Dibromoethane
Concen: 55.351 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

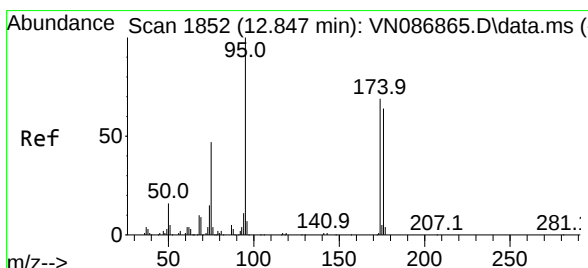
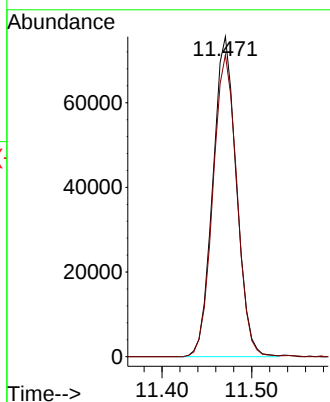
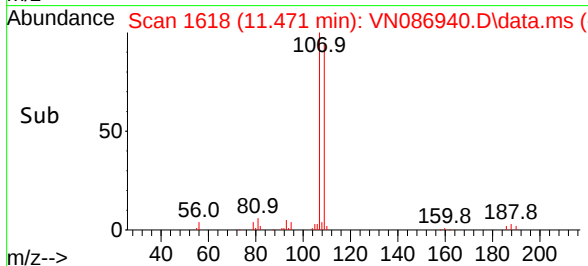
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



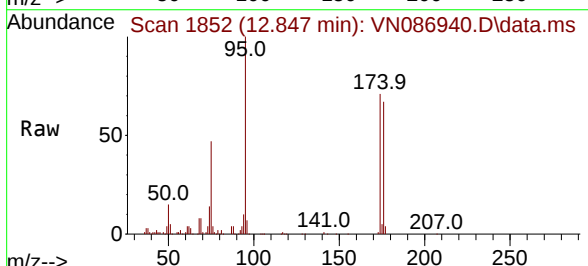
Tgt Ion:107 Resp: 137779
Ion Ratio Lower Upper
107 100
109 96.1 76.3 114.5

Manual Integrations
APPROVED

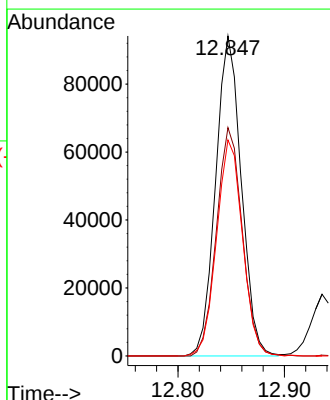
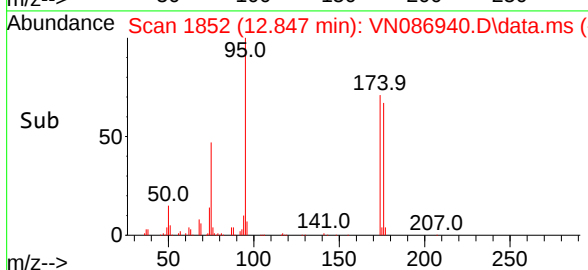
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

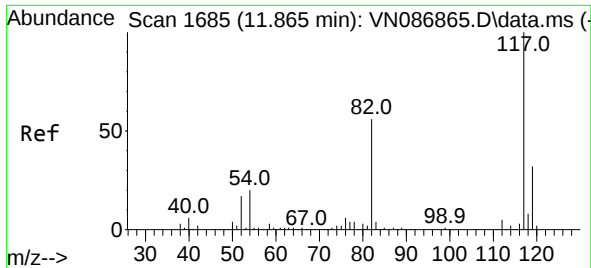


#62
4-Bromofluorobenzene
Concen: 50.489 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32



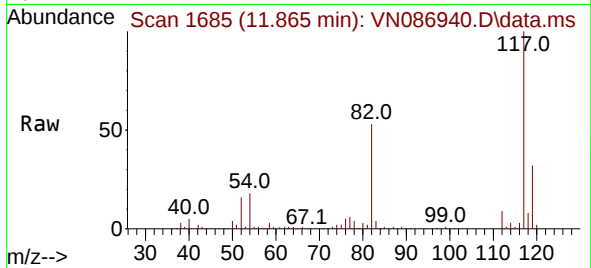
Tgt Ion: 95 Resp: 157388
Ion Ratio Lower Upper
95 100
174 71.7 0.0 141.8
176 68.2 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

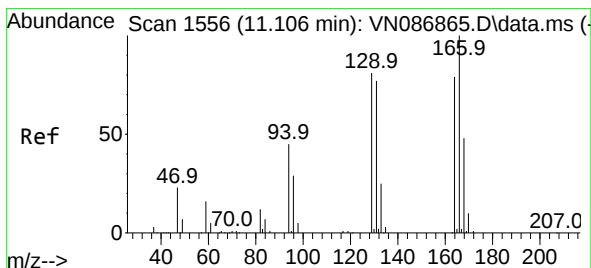
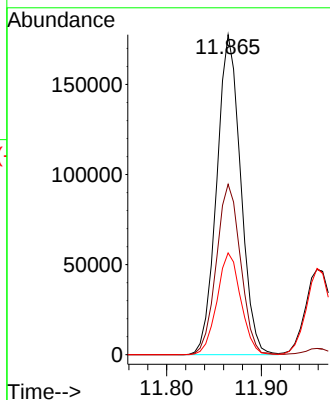
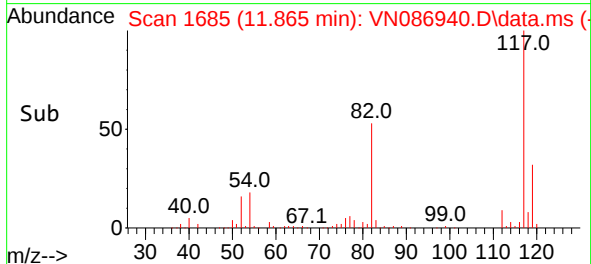
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



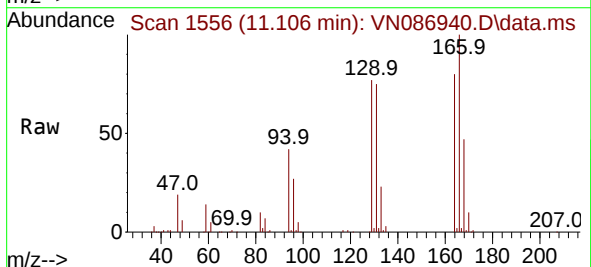
Tgt Ion:117 Resp: 31217
Ion Ratio Lower Upper
117 100
82 53.3 44.6 67.0
119 31.8 25.5 38.3

Manual Integrations
APPROVED

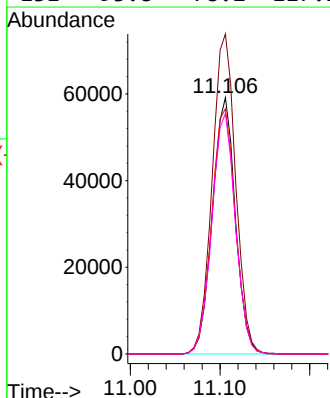
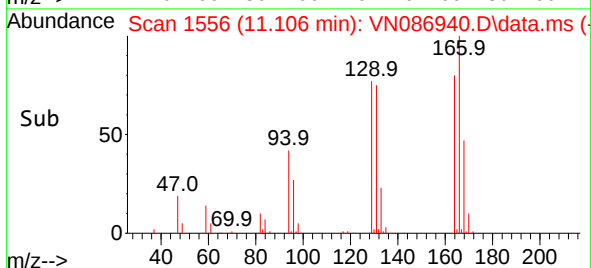
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

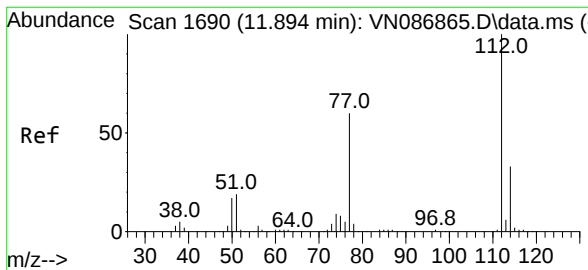


#64
Tetrachloroethene
Concen: 53.190 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32



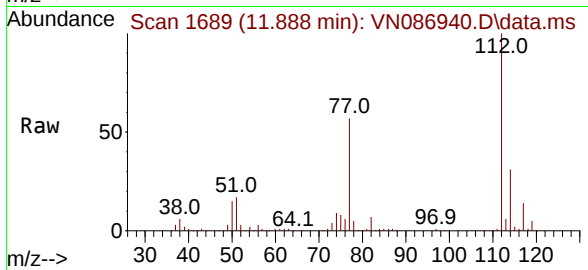
Tgt Ion:164 Resp: 105084
Ion Ratio Lower Upper
164 100
166 124.8 101.8 152.8
129 95.6 83.0 124.4
131 93.8 78.2 117.2





#65
Chlorobenzene
Concen: 55.424 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

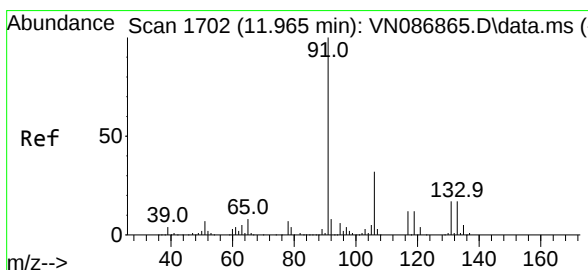
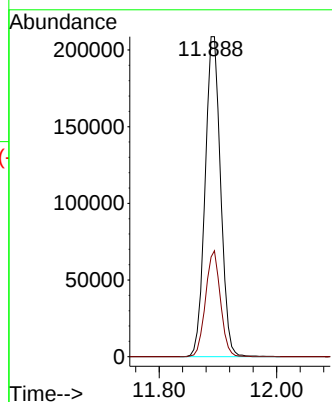
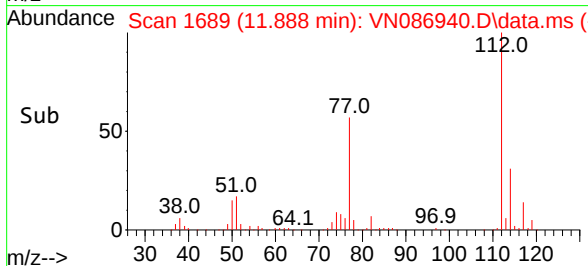
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 381598
Ion Ratio Lower Upper
112 100
114 31.1 26.2 39.2

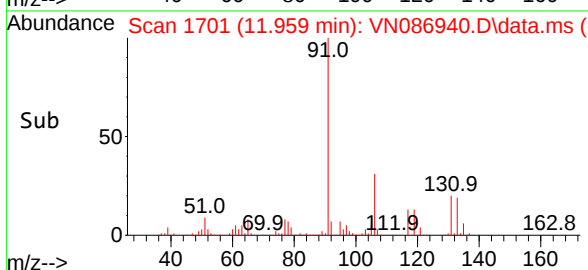
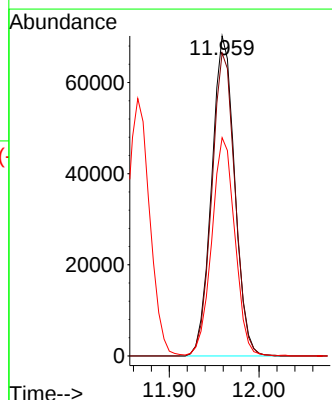
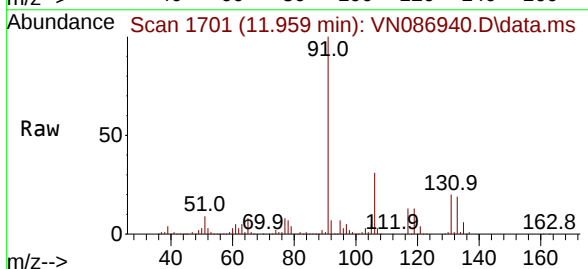
Manual Integrations
APPROVED

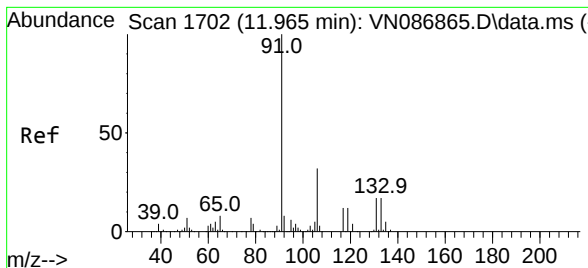
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 56.463 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:131 Resp: 124964
Ion Ratio Lower Upper
131 100
133 95.4 48.3 144.8
119 68.5 34.0 101.8





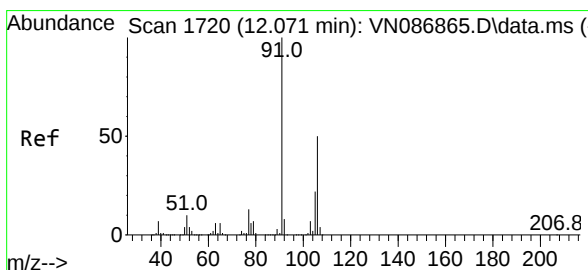
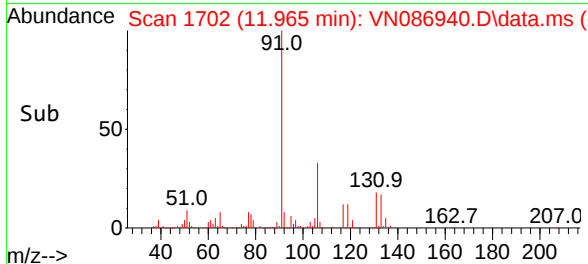
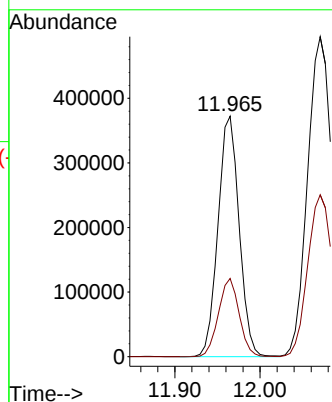
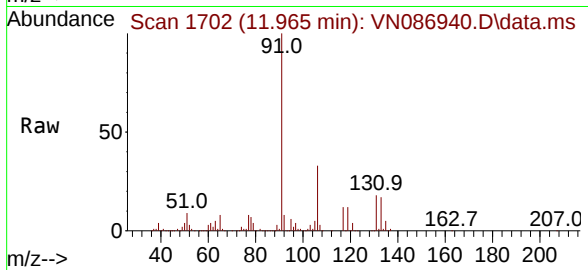
#67
Ethyl Benzene
Concen: 54.206 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 64285
Ion Ratio Lower Upper
91 100
106 32.5 25.4 38.2

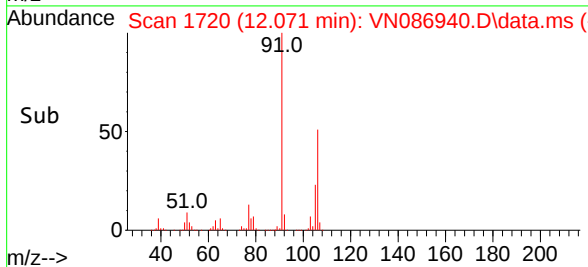
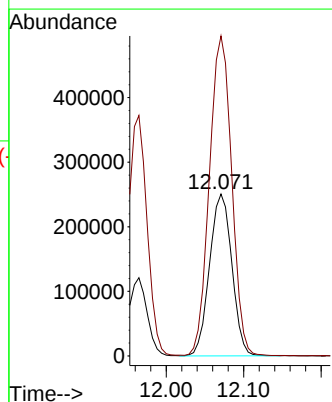
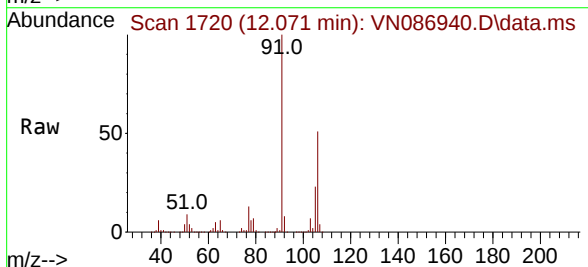
Manual Integrations
APPROVED

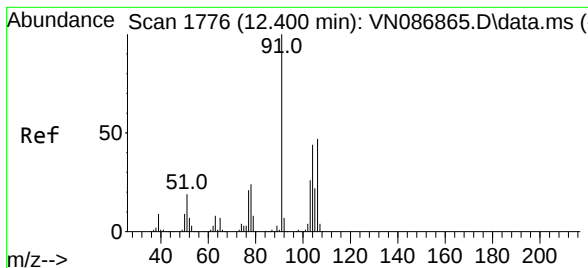
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#68
m/p-Xylenes
Concen: 110.334 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

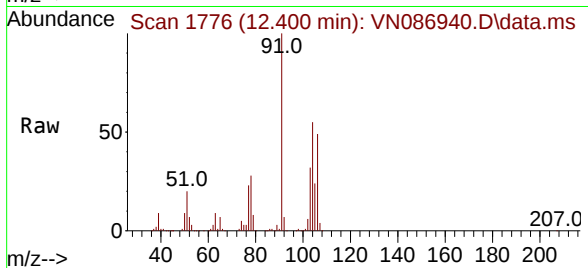
Tgt Ion:106 Resp: 500895
Ion Ratio Lower Upper
106 100
91 198.0 159.4 239.0





#69
o-Xylene
Concen: 56.127 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

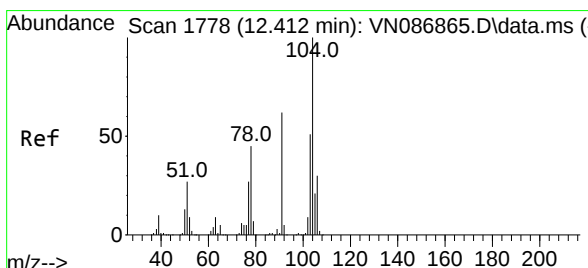
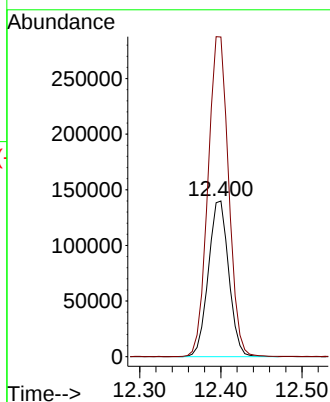
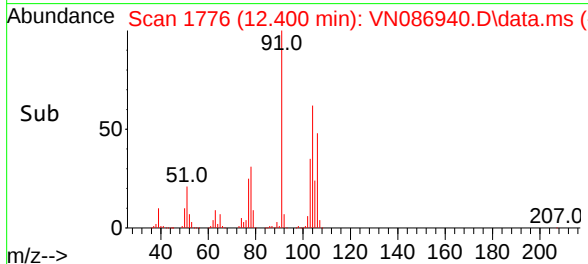
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 244038
Ion Ratio Lower Upper
106 100
91 208.5 106.1 318.1

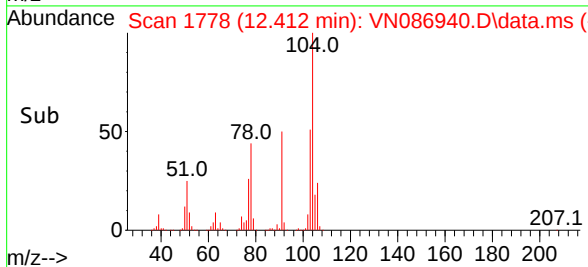
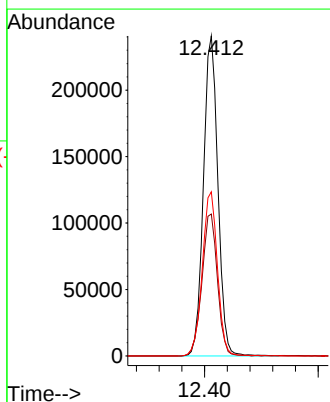
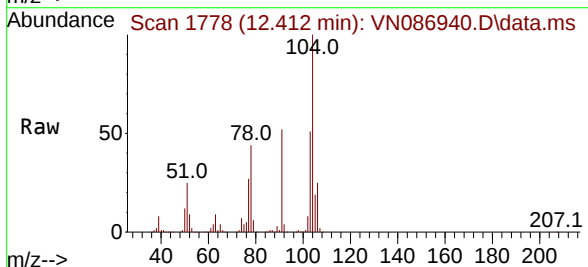
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#70
Styrene
Concen: 56.996 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

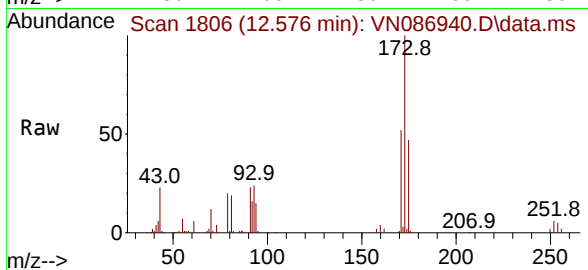
Tgt Ion:104 Resp: 424060
Ion Ratio Lower Upper
104 100
78 47.4 38.5 57.7
103 53.9 43.1 64.7





#71
Bromoform
Concen: 60.747 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

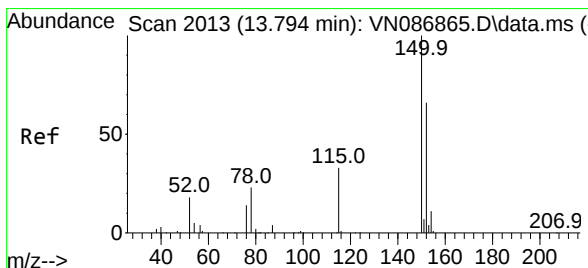
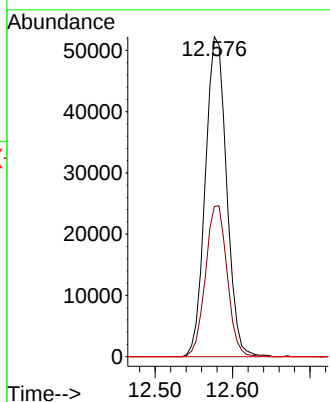
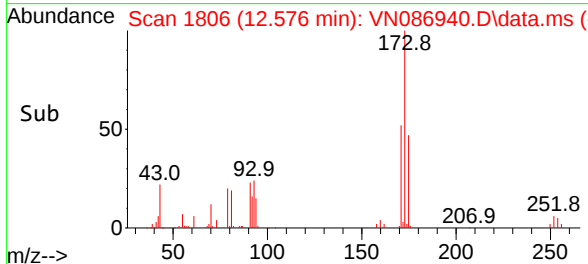
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



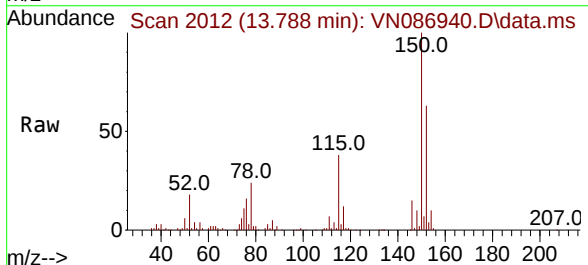
Tgt Ion:173 Resp: 99610
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

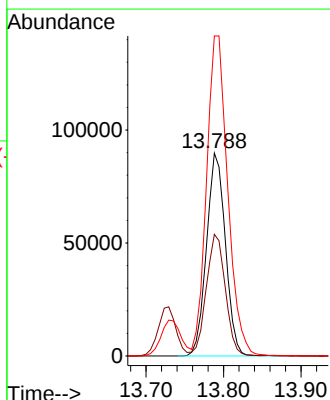
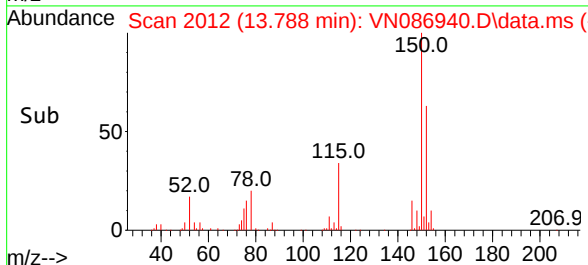
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

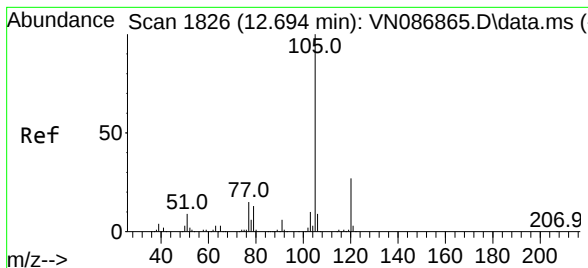


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32



Tgt Ion:152 Resp: 152136
Ion Ratio Lower Upper
152 100
115 60.1 30.1 90.5
150 176.5 0.0 345.0





#73

Isopropylbenzene

Concen: 53.511 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086940.D

Acq: 11 Jun 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 593080

Ion Ratio Lower Upper

105 100

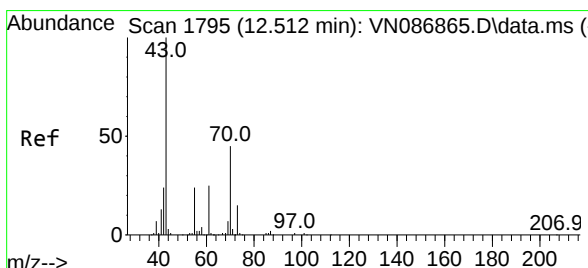
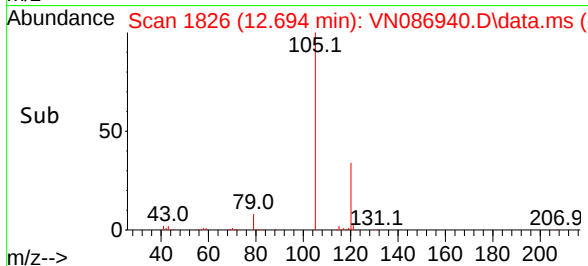
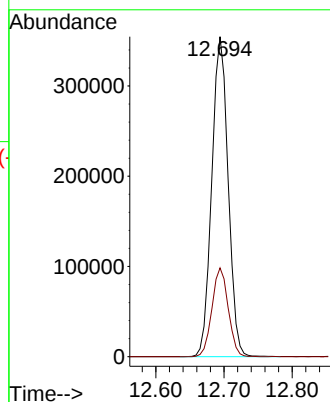
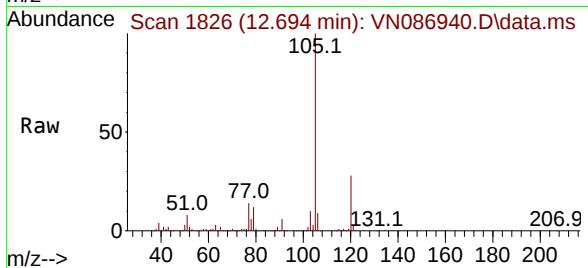
120 27.5 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#74

N-ethyl acetate

Concen: 53.765 ug/l

RT: 12.512 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN086940.D

Acq: 11 Jun 2025 11:32

Tgt Ion: 43 Resp: 208229

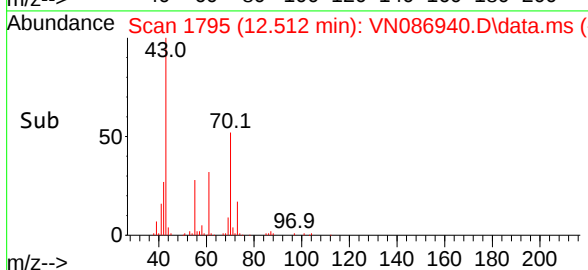
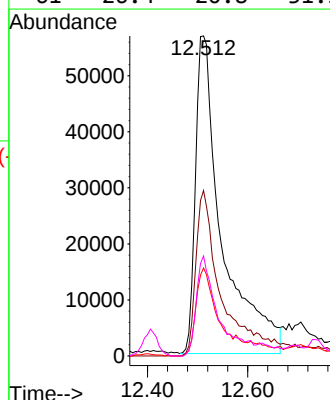
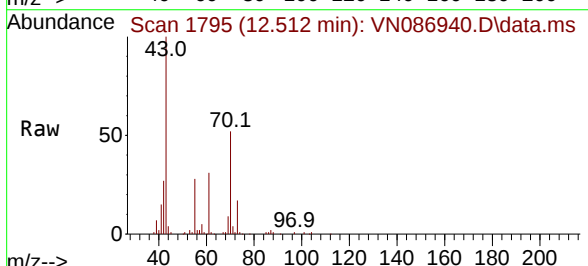
Ion Ratio Lower Upper

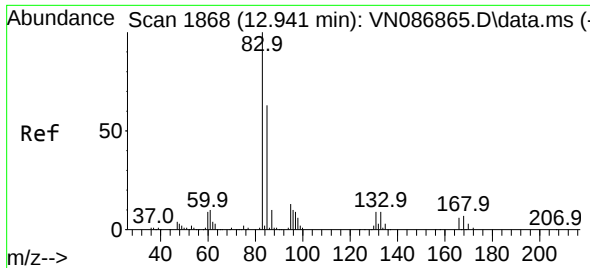
43 100

70 52.6 37.6 56.4

55 26.6 19.0 28.6

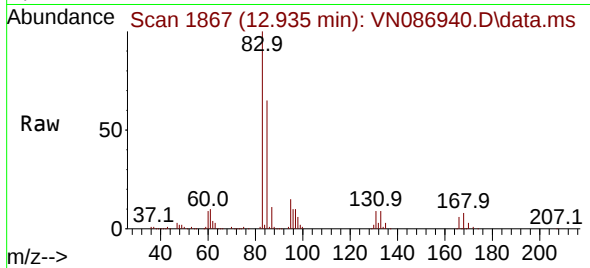
61 26.4 20.8 31.2





#75
1,1,2,2-Tetrachloroethane
Concen: 56.816 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

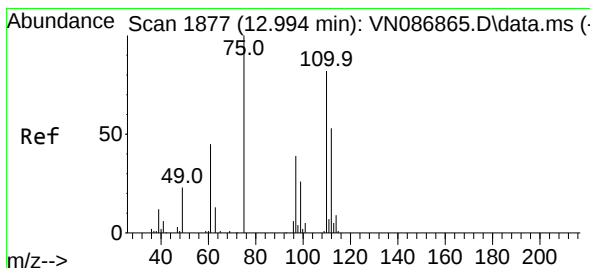
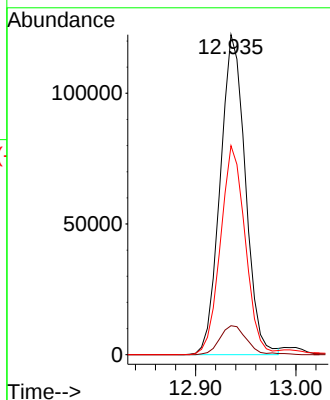
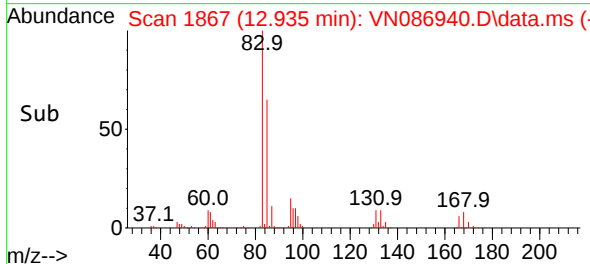
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 213329
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.7
85 64.5 32.0 96.0

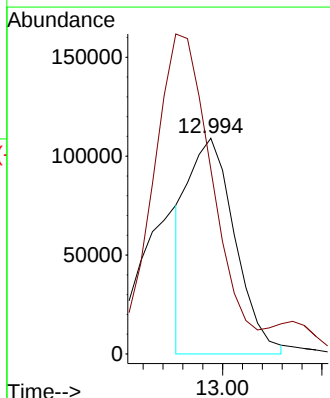
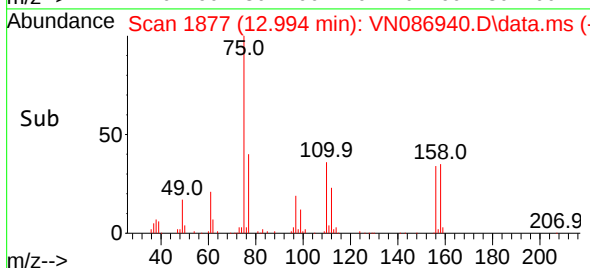
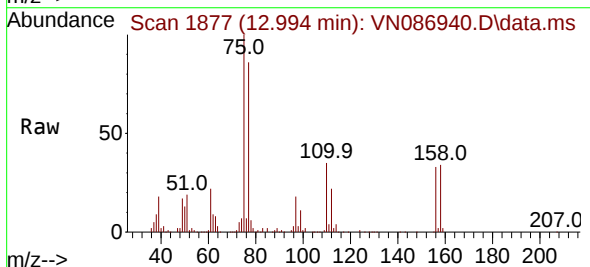
Manual Integrations
APPROVED

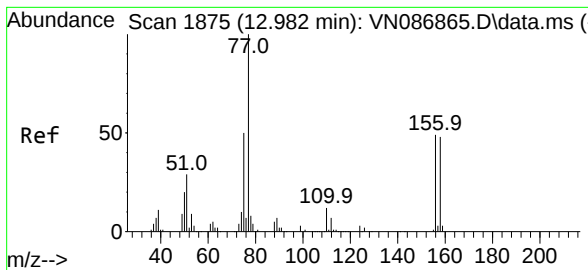
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#76
1,2,3-Trichloropropane
Concen: 49.771 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 75 Resp: 179987
Ion Ratio Lower Upper
75 100
77 187.3 79.3 237.9





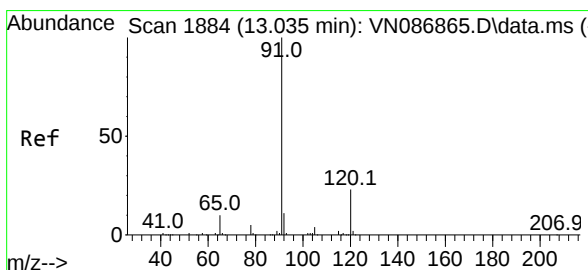
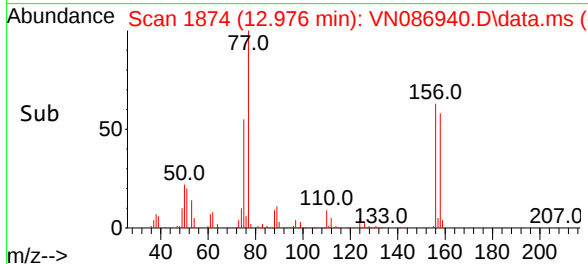
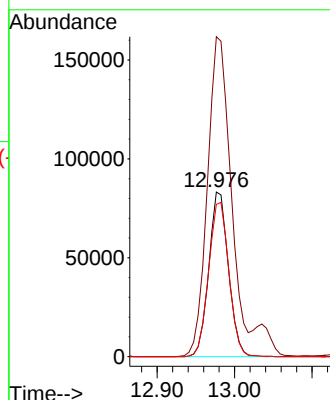
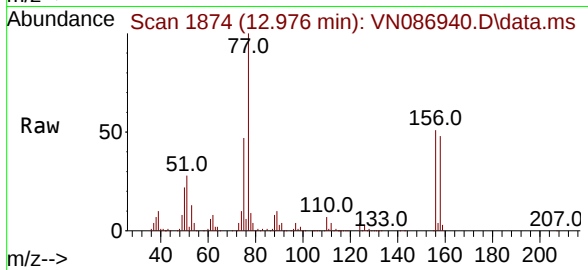
#77
Bromobenzene
Concen: 57.512 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 14618
Ion Ratio Lower Upper
156 100
77 230.6 117.7 353.1
158 97.1 48.1 144.4

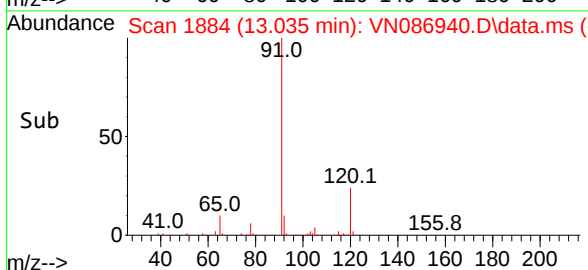
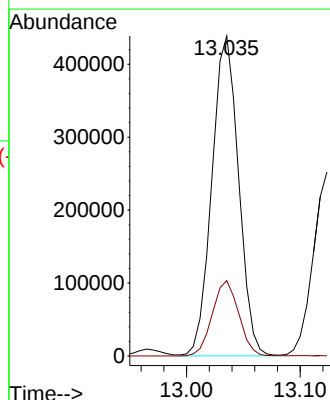
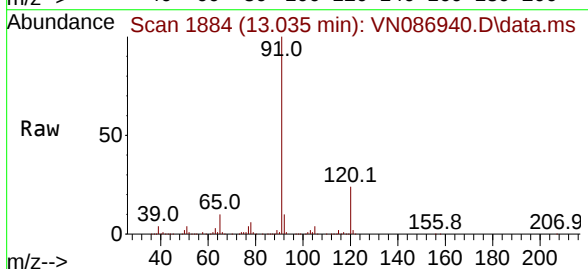
Manual Integrations
APPROVED

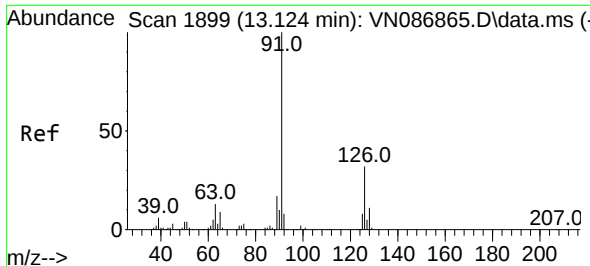
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#78
n-propylbenzene
Concen: 53.234 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 91 Resp: 717012
Ion Ratio Lower Upper
91 100
120 23.3 11.4 34.2





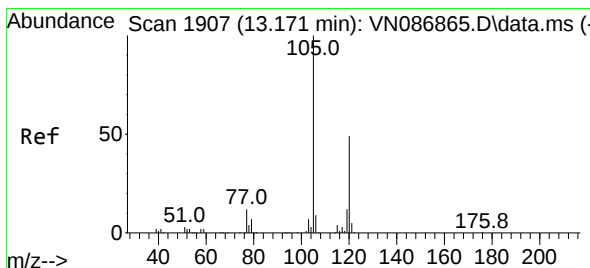
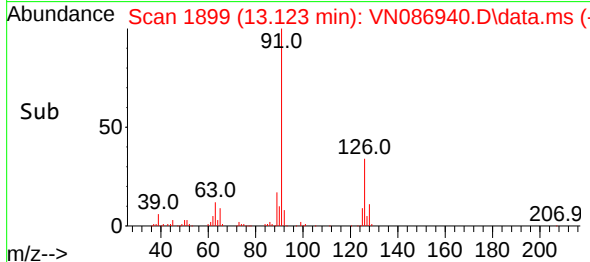
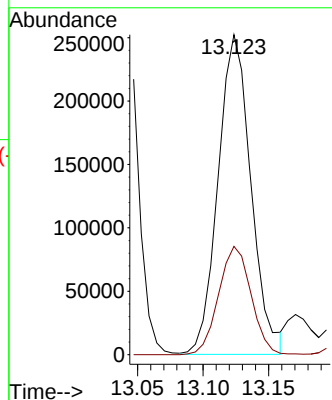
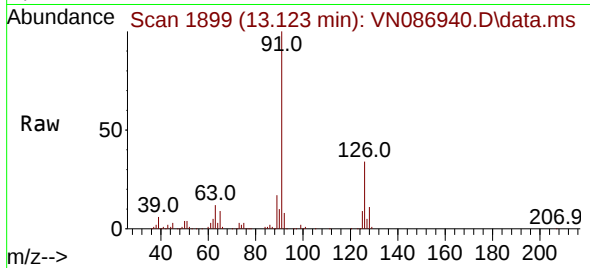
#79
2-Chlorotoluene
Concen: 54.413 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 43952
Ion Ratio Lower Upper
91 100
126 33.4 16.2 48.5

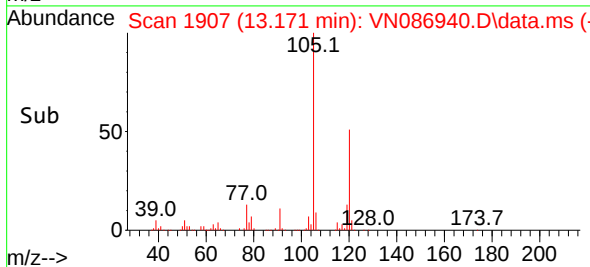
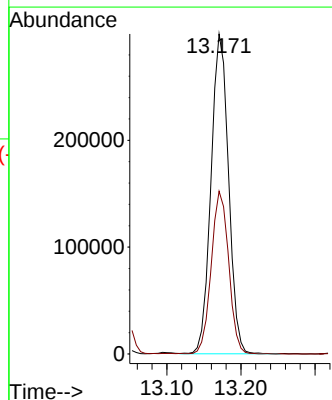
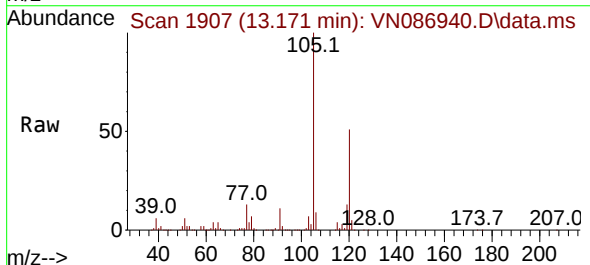
Manual Integrations
APPROVED

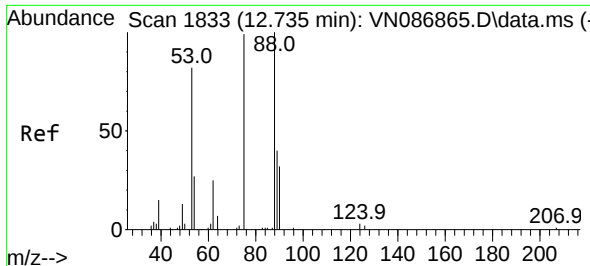
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.628 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

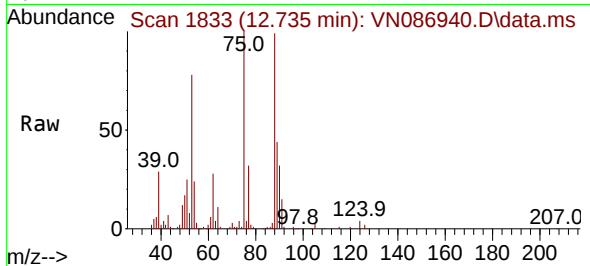
Tgt Ion:105 Resp: 490727
Ion Ratio Lower Upper
105 100
120 50.8 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 59.701 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

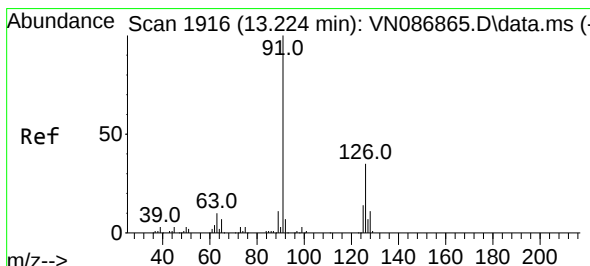
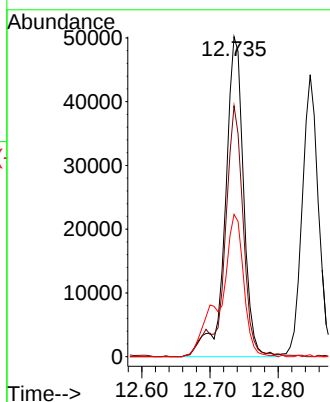
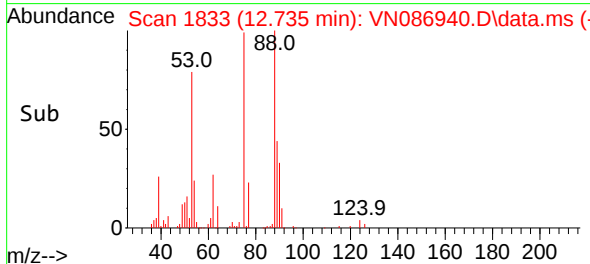
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 93790
Ion Ratio Lower Upper
75 100
53 74.1 66.6 99.8
89 57.1 36.7 55.1

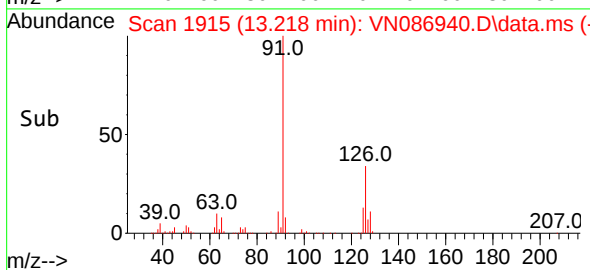
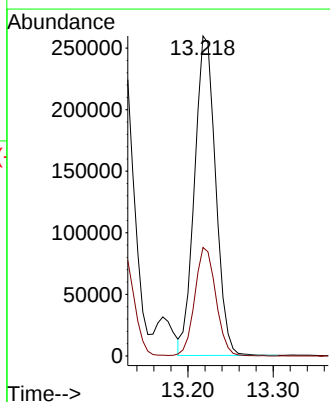
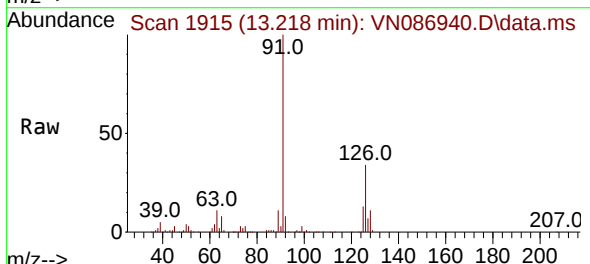
Manual Integrations
APPROVED

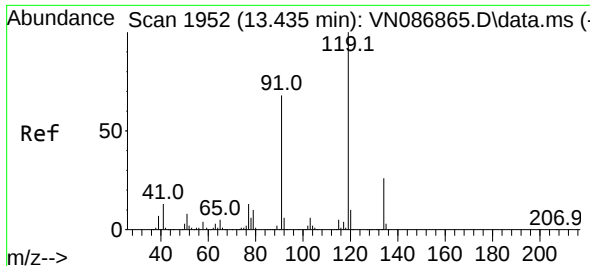
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#82
4-Chlorotoluene
Concen: 54.598 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

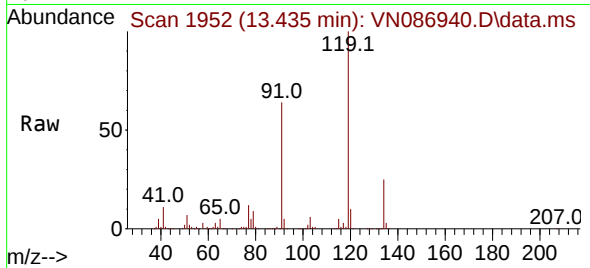
Tgt Ion: 91 Resp: 446237
Ion Ratio Lower Upper
91 100
126 34.0 16.7 50.1





#83
tert-Butylbenzene
Concen: 53.498 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

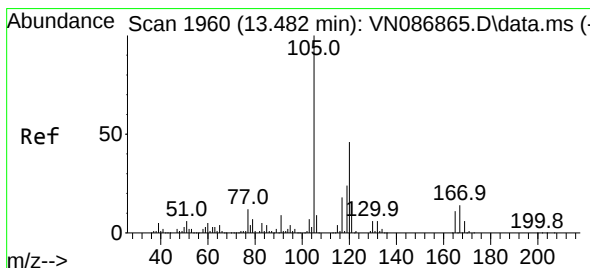
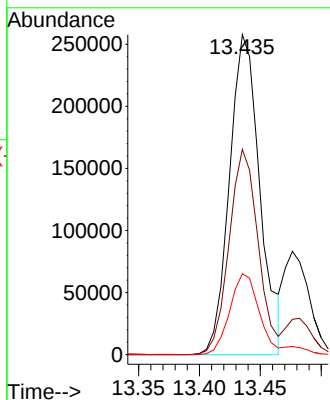
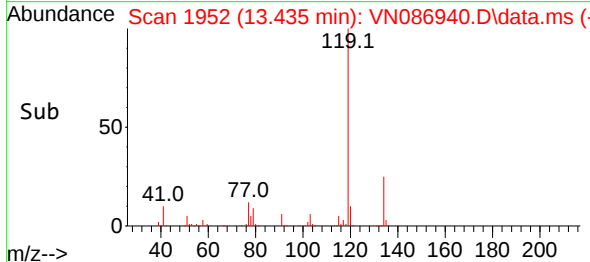
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



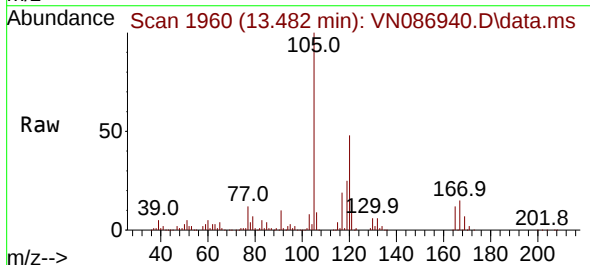
Tgt Ion:119 Resp: 448100
Ion Ratio Lower Upper
119 100
91 61.2 32.1 96.5
134 26.3 13.4 40.1

Manual Integrations
APPROVED

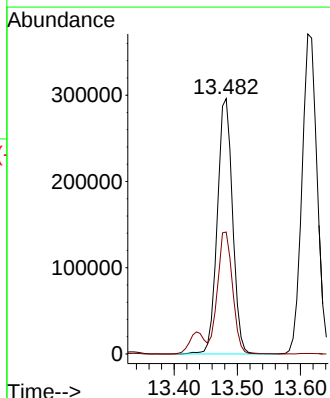
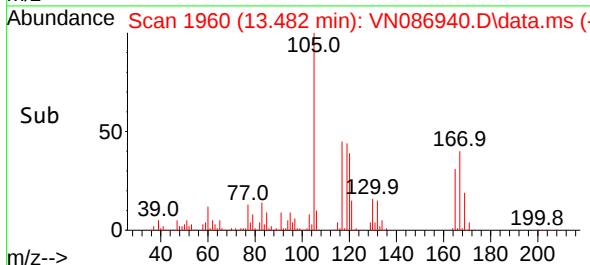
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

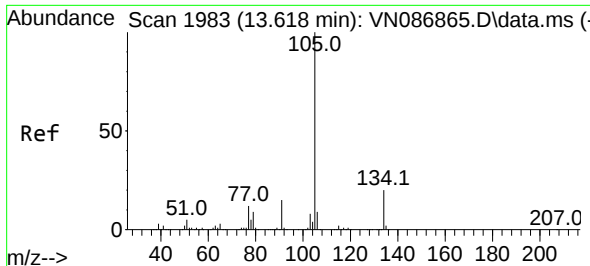


#84
1,2,4-Trimethylbenzene
Concen: 54.048 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32



Tgt Ion:105 Resp: 495936
Ion Ratio Lower Upper
105 100
120 47.2 23.2 69.6





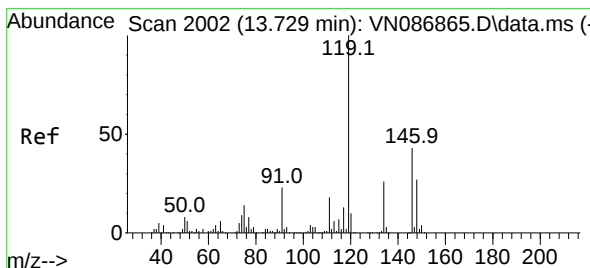
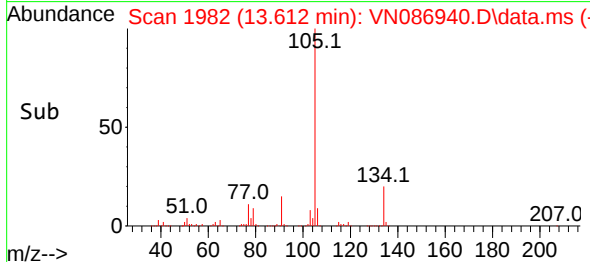
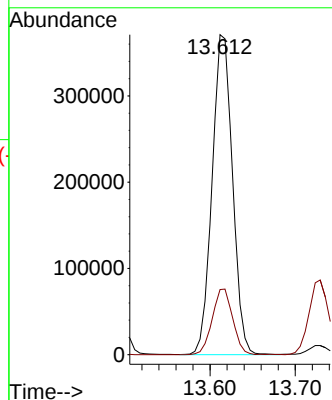
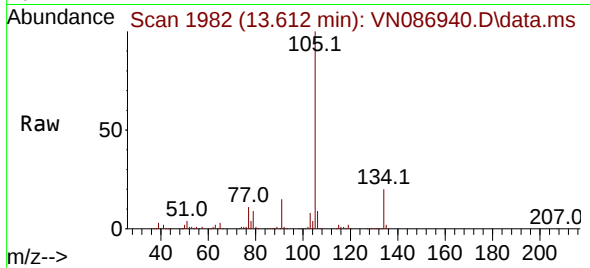
#85
 sec-Butylbenzene
 Concen: 50.788 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN086940.D
 Acq: 11 Jun 2025 11:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 617792
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.0 30.0

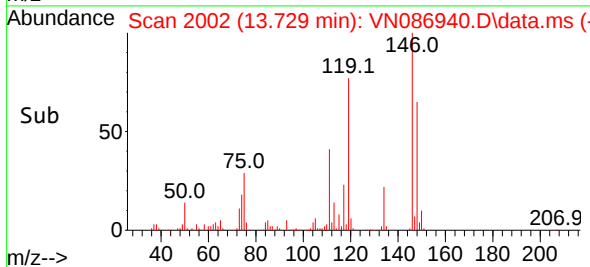
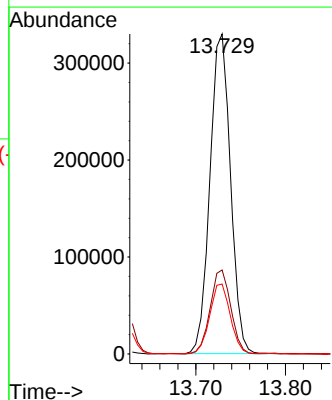
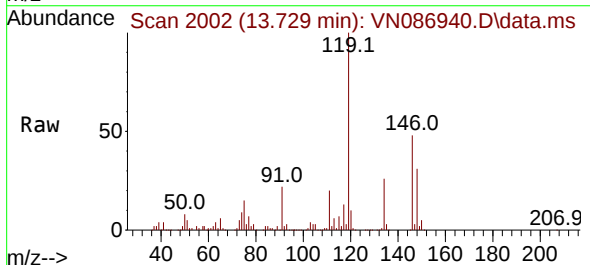
Manual Integrations
 APPROVED

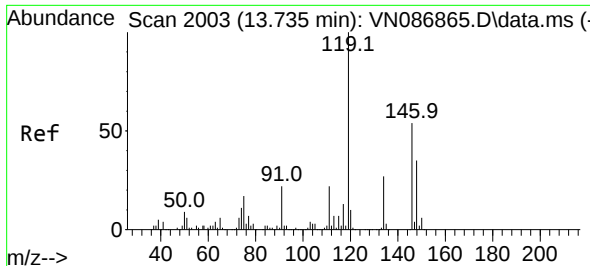
Reviewed By :John Carlone 06/12/2025
 Supervised By :Semsettin Yesilyurt 06/12/2025



#86
 p-Isopropyltoluene
 Concen: 52.156 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086940.D
 Acq: 11 Jun 2025 11:32

Tgt Ion:119 Resp: 524440
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.5 40.4
 91 21.8 11.5 34.4





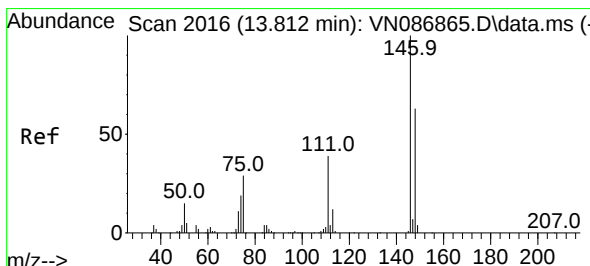
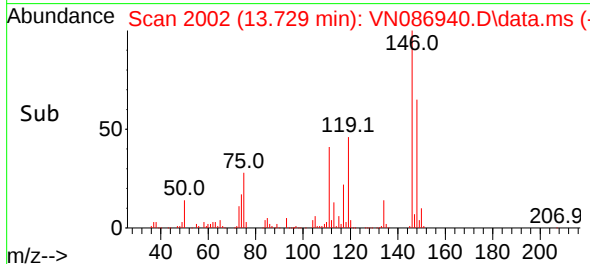
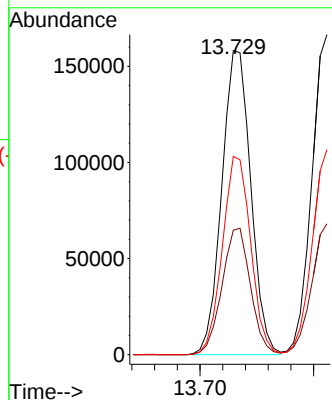
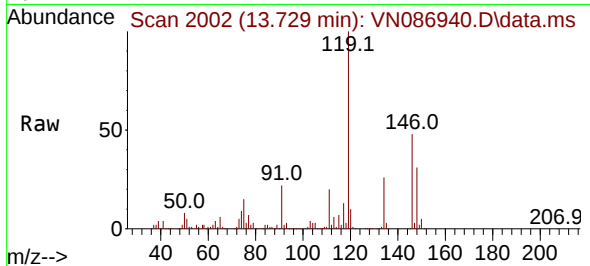
#87
1,3-Dichlorobenzene
Concen: 56.062 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 28035
Ion Ratio Lower Upper
146 100
111 40.9 20.9 62.8
148 63.8 32.0 96.2

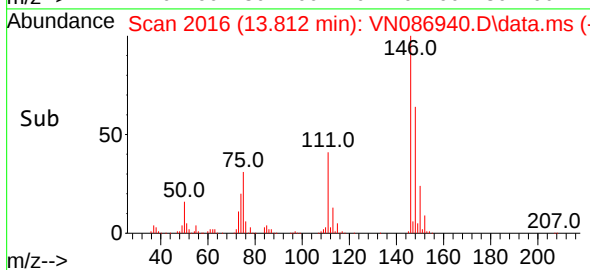
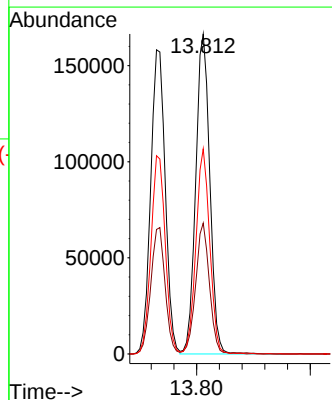
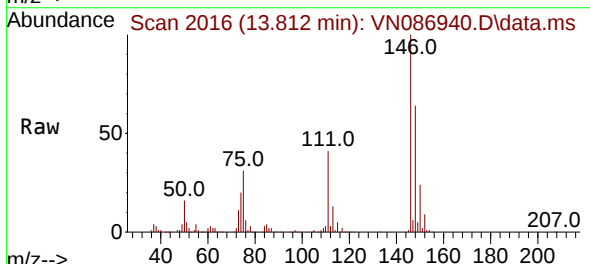
Manual Integrations
APPROVED

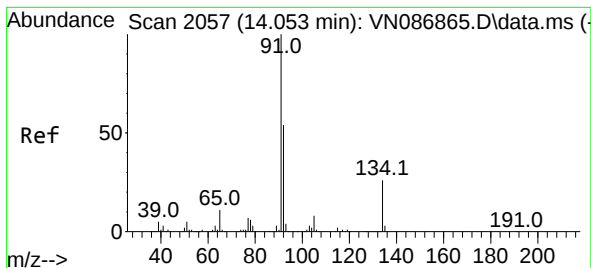
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#88
1,4-Dichlorobenzene
Concen: 56.315 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:146 Resp: 287122
Ion Ratio Lower Upper
146 100
111 39.5 19.9 59.7
148 62.7 31.8 95.4





#89

n-Butylbenzene

Concen: 49.007 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086940.D

Acq: 11 Jun 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

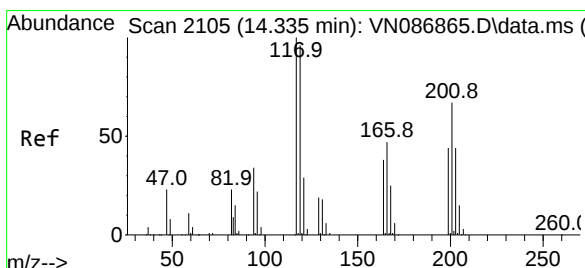
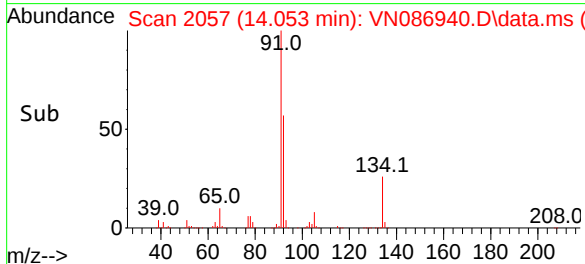
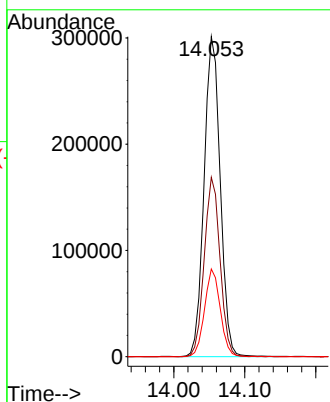
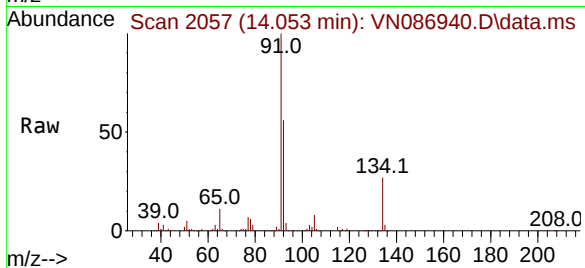
Tgt Ion:	91	Resp:	477300
Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.5	82.4
134	26.6	13.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#90

Hexachloroethane

Concen: 52.738 ug/l

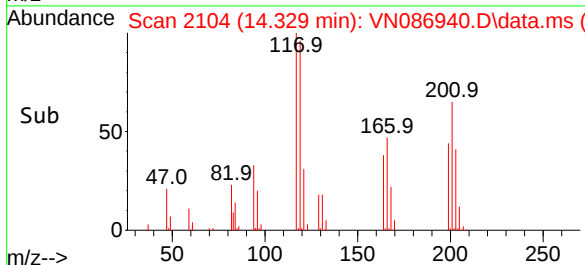
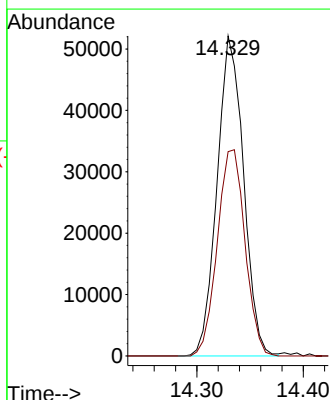
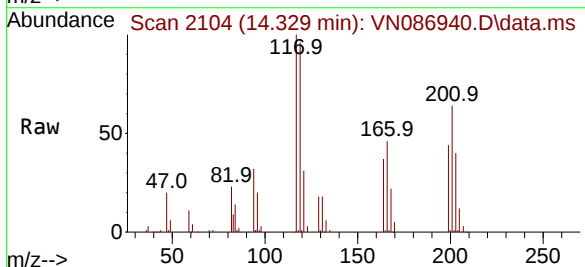
RT: 14.329 min Scan# 2104

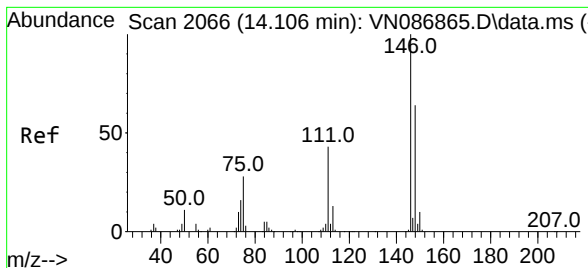
Delta R.T. -0.006 min

Lab File: VN086940.D

Acq: 11 Jun 2025 11:32

Tgt Ion:	117	Resp:	89886
Ion	Ratio	Lower	Upper
117	100		
201	67.6	33.2	99.6





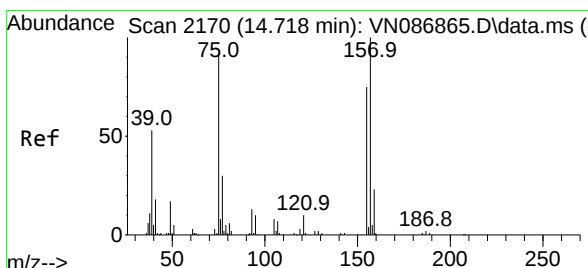
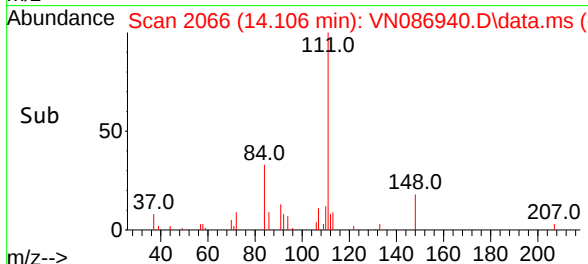
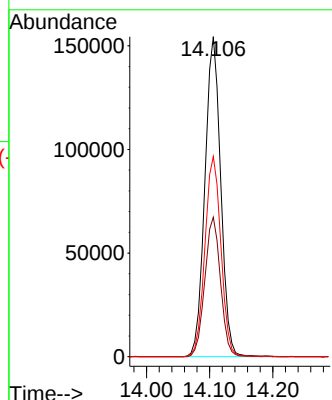
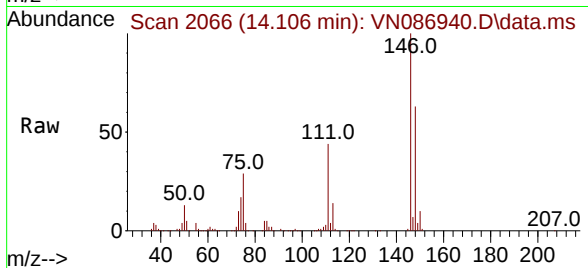
#91
1,2-Dichlorobenzene
Concen: 55.766 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 267932
Ion Ratio Lower Upper
146 100
111 43.2 21.6 64.6
148 63.3 31.7 95.1

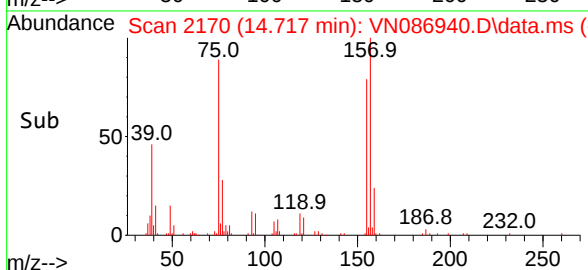
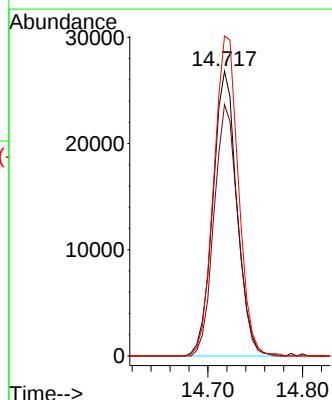
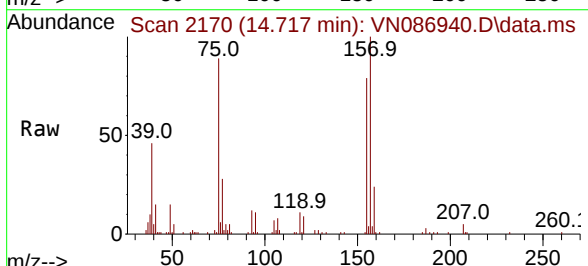
Manual Integrations
APPROVED

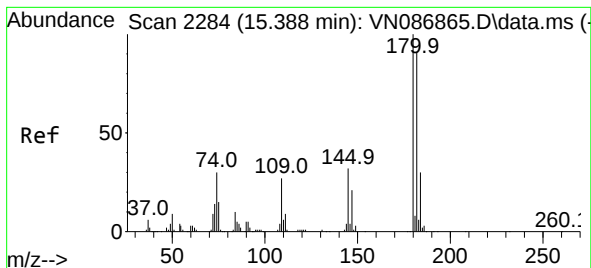
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.704 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 75 Resp: 47326
Ion Ratio Lower Upper
75 100
155 87.3 41.1 123.4
157 114.9 52.7 158.1





#93

1,2,4-Trichlorobenzene

Concen: 52.161 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086940.D

Acq: 11 Jun 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 160030

Ion Ratio Lower Upper

180 100

182 92.1 46.9 140.7

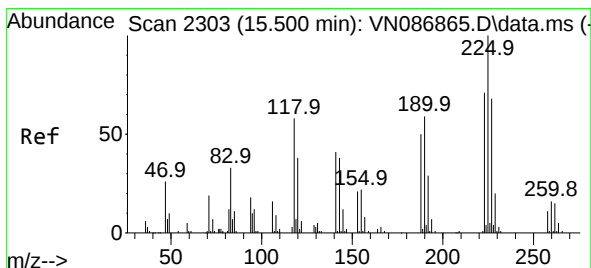
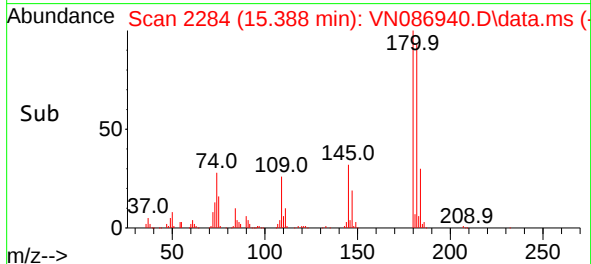
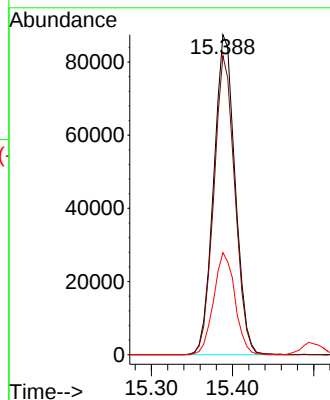
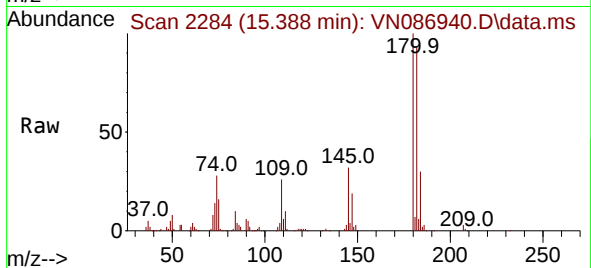
145 31.7 16.0 47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#94

Hexachlorobutadiene

Concen: 44.682 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN086940.D

Acq: 11 Jun 2025 11:32

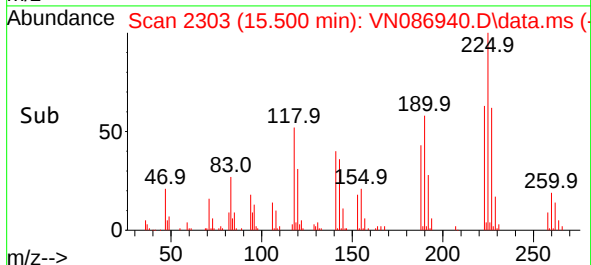
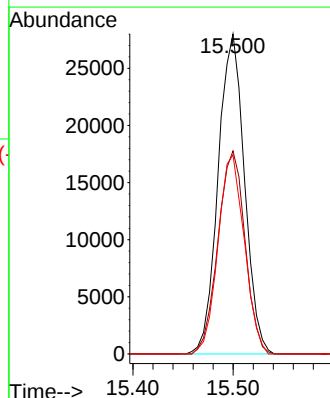
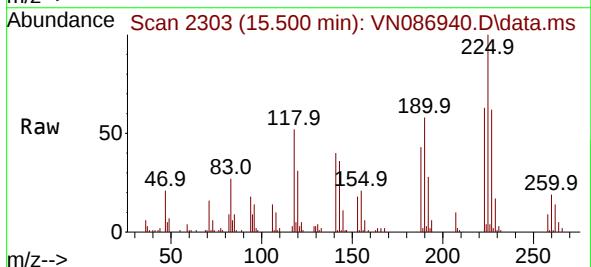
Tgt Ion:225 Resp: 51073

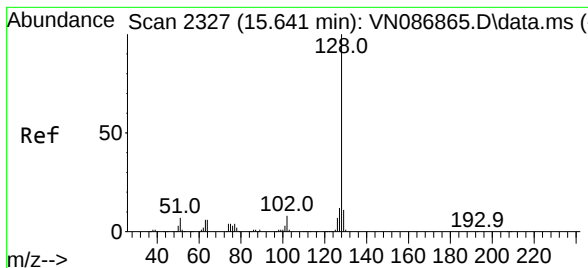
Ion Ratio Lower Upper

225 100

223 65.0 33.5 100.4

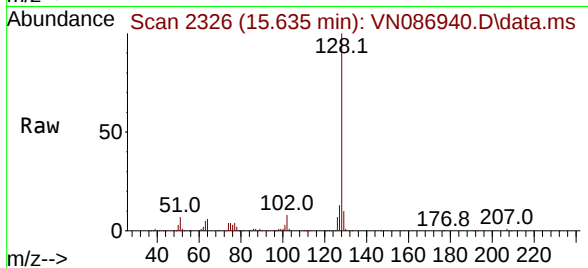
227 62.2 31.1 93.5





#95
Naphthalene
Concen: 54.679 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

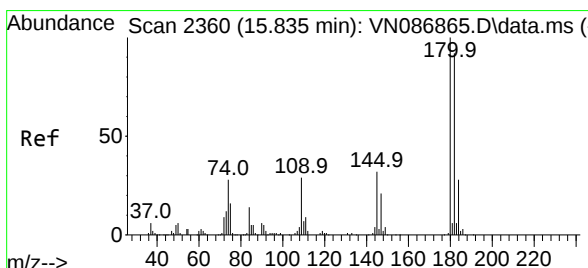
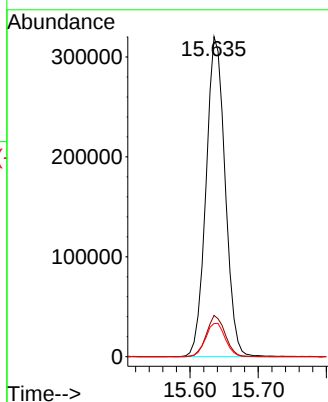
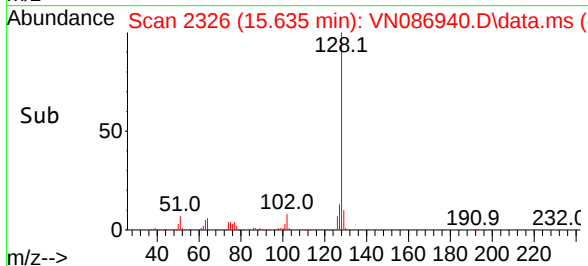
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 62442
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.672 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:180 Resp: 151411
Ion Ratio Lower Upper
180 100
182 94.5 47.0 141.0
145 33.0 16.6 49.8

