

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
 Data File : VN086454.D
 Acq On : 02 May 2025 11:26
 Operator : JC\MD
 Sample : VN0502WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/05/2025
 Supervised By : Semsettin Yesilyurt 05/05/2025

Quant Time: May 02 23:14:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.223	168	205101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	372276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	334682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	155592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	153988	51.776	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.560%			
35) Dibromofluoromethane	8.165	113	99383	57.521	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.040%			
50) Toluene-d8	10.565	98	484267	52.443	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.880%			
62) 4-Bromofluorobenzene	12.847	95	173581	51.537	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	47083	19.365	ug/l	97
3) Chloromethane	2.359	50	60996	17.262	ug/l	99
4) Vinyl Chloride	2.518	62	62080	18.411	ug/l	99
5) Bromomethane	2.959	94	34255	22.585	ug/l	97
6) Chloroethane	3.124	64	40498	17.945	ug/l	100
7) Trichlorofluoromethane	3.500	101	71398	19.115	ug/l	95
8) Diethyl Ether	3.959	74	28673	17.584	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	45539	20.154	ug/l	98
10) Methyl Iodide	4.588	142	54530	21.951	ug/l	98
11) Tert butyl alcohol	5.506	59	44886	82.715	ug/l	97
12) 1,1-Dichloroethene	4.341	96	44754	18.539	ug/l	96
13) Acrolein	4.183	56	19530	66.082	ug/l	96
14) Allyl chloride	5.024	41	74566	17.376	ug/l	99
15) Acrylonitrile	5.712	53	115876	86.380	ug/l	100
16) Acetone	4.424	43	93733	87.444	ug/l	99
17) Carbon Disulfide	4.712	76	123136	17.036	ug/l	99
18) Methyl Acetate	5.024	43	53174	14.894	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	161132	18.158	ug/l	97
20) Methylene Chloride	5.277	84	51140	18.600	ug/l	96
21) trans-1,2-Dichloroethene	5.788	96	47446	18.799	ug/l	92
22) Diisopropyl ether	6.665	45	161515	17.302	ug/l	95
23) Vinyl Acetate	6.600	43	590517	90.489	ug/l	97
24) 1,1-Dichloroethane	6.565	63	90149	18.302	ug/l	97
25) 2-Butanone	7.482	43	155065	83.762	ug/l	98
26) 2,2-Dichloropropane	7.488	77	86618	19.640	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	60271	19.241	ug/l	96
28) Bromochloromethane	7.812	49	43134	20.653	ug/l	94
29) Tetrahydrofuran	7.835	42	100403	81.105	ug/l	95
30) Chloroform	7.965	83	93940	19.415	ug/l	98
31) Cyclohexane	8.253	56	86731	17.994	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	82484	19.927	ug/l	96
36) 1,1-Dichloropropene	8.371	75	67556	19.576	ug/l	99
37) Ethyl Acetate	7.553	43	62473	17.195	ug/l	99
38) Carbon Tetrachloride	8.359	117	67275	20.471	ug/l	98
39) Methylcyclohexane	9.594	83	80452	19.614	ug/l	96
40) Benzene	8.606	78	216239	19.557	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	36564	17.364	ug/l	97
42) 1,2-Dichloroethane	8.671	62	70604	20.024	ug/l	99
43) Isopropyl Acetate	8.682	43	124400	17.614	ug/l	100
44) Trichloroethene	9.347	130	53436	20.390	ug/l	96
45) 1,2-Dichloropropane	9.618	63	52555	19.418	ug/l	97
46) Dibromomethane	9.706	93	35972	20.860	ug/l	96
47) Bromodichloromethane	9.882	83	75521	20.277	ug/l	96
48) Methyl methacrylate	9.676	41	55312	17.336	ug/l	97
49) 1,4-Dioxane	9.694	88	19052	351.057	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	331039	88.980	ug/l	97
52) Toluene	10.629	92	138339	20.052	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	82248	19.783	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	87598	19.183	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	50381	20.297	ug/l	99
56) Ethyl methacrylate	10.870	69	84956	18.620	ug/l	96
57) 1,3-Dichloropropane	11.159	76	87846	19.947	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	118312	54.632	ug/l	97
59) 2-Hexanone	11.194	43	242948	88.040	ug/l	99
60) Dibromochloromethane	11.353	129	54306	19.924	ug/l	98
61) 1,2-Dibromoethane	11.464	107	50570	20.191	ug/l	98
64) Tetrachloroethene	11.106	164	52924	20.558	ug/l	97
65) Chlorobenzene	11.888	112	149414	20.005	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	50746	20.595	ug/l	99
67) Ethyl Benzene	11.959	91	267796	19.869	ug/l	100
68) m/p-Xylenes	12.070	106	204005	40.396	ug/l	97
69) o-Xylene	12.394	106	99555	19.934	ug/l	98
70) Styrene	12.406	104	164379	19.753	ug/l	99
71) Bromoform	12.576	173	36657	19.760	ug/l #	98
73) Isopropylbenzene	12.694	105	246083	19.334	ug/l	100
74) N-amyl acetate	12.488	43	103766	16.377	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	69090	18.879	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	67376m	18.350	ug/l	
77) Bromobenzene	12.976	156	57133	20.259	ug/l	94
78) n-propylbenzene	13.035	91	291710	19.450	ug/l	100
79) 2-Chlorotoluene	13.123	91	179302	19.105	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	204033	19.586	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	30259	19.792	ug/l	90
82) 4-Chlorotoluene	13.217	91	180626	19.375	ug/l	98
83) tert-Butylbenzene	13.435	119	173396	19.210	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	208033	19.619	ug/l	100
85) sec-Butylbenzene	13.611	105	249128	19.898	ug/l	99
86) p-Isopropyltoluene	13.723	119	206496	20.010	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	107143	20.210	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	108366	20.294	ug/l	99
89) n-Butylbenzene	14.053	91	180771	19.762	ug/l	98
90) Hexachloroethane	14.329	117	33053	19.042	ug/l	99
91) 1,2-Dichlorobenzene	14.105	146	104174	20.268	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13218	17.913	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	50233	20.410	ug/l	99
94) Hexachlorobutadiene	15.499	225	19866	21.383	ug/l	97
95) Naphthalene	15.635	128	161235	18.481	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	46532	19.970	ug/l	99

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ClientSampleId :
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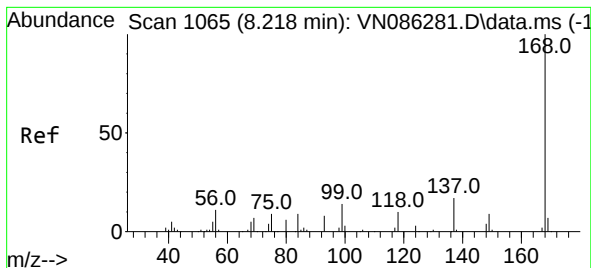
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

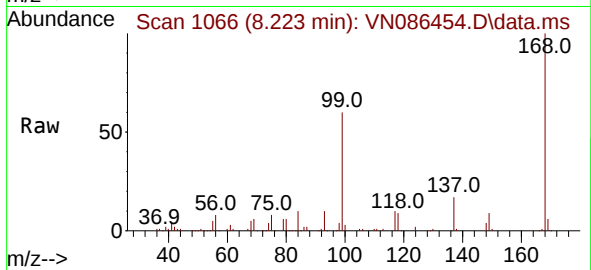
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN086454.D
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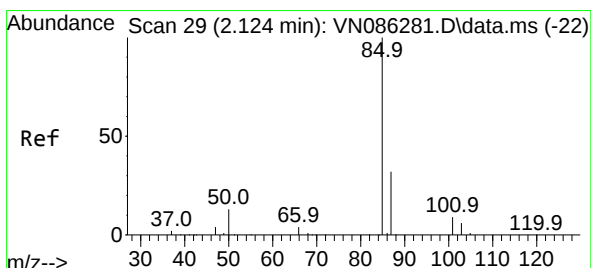
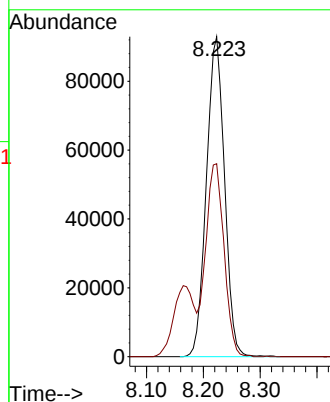
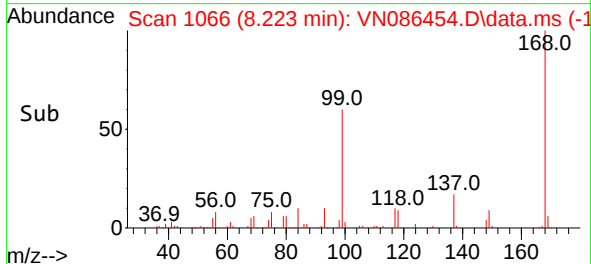
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



Tgt Ion:168 Resp: 20510
Ion Ratio Lower Upper
168 100
99 60.3 52.5 78.7

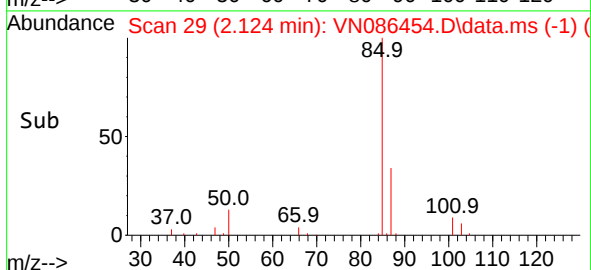
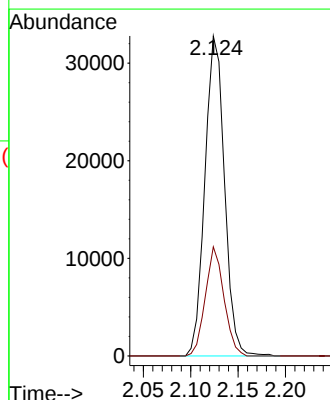
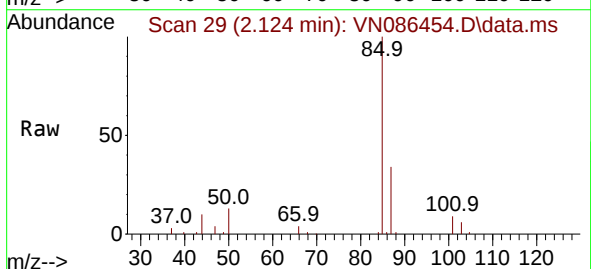
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#2
Dichlorodifluoromethane
Concen: 19.365 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

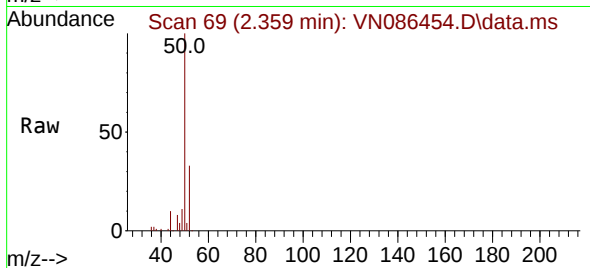
Tgt Ion: 85 Resp: 47083
Ion Ratio Lower Upper
85 100
87 34.1 16.3 48.8





#3
Chloromethane
Concen: 17.262 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

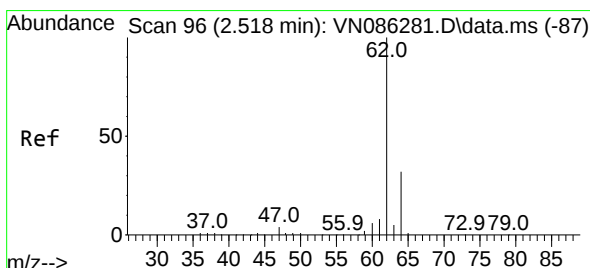
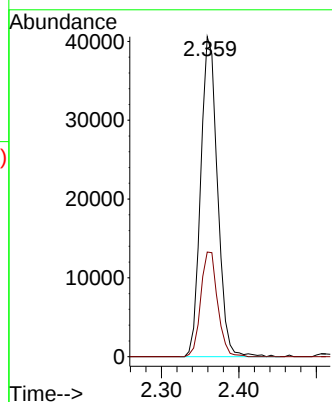
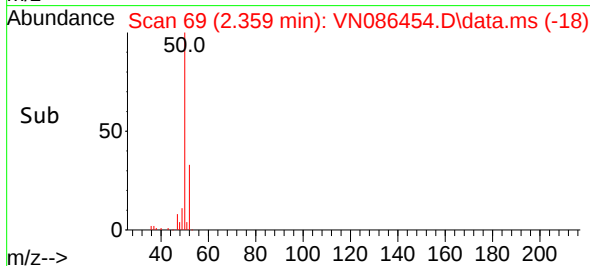
Instrument :
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Tgt Ion: 50 Resp: 60990
Ion Ratio Lower Upper
50 100
52 32.7 26.5 39.7

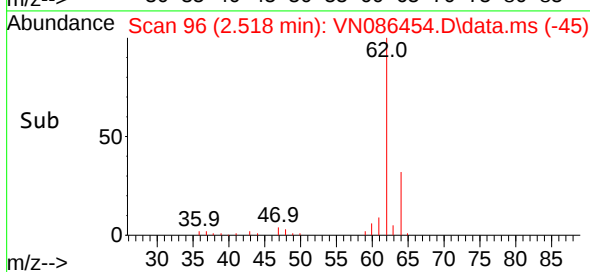
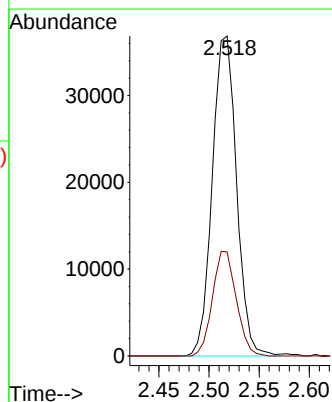
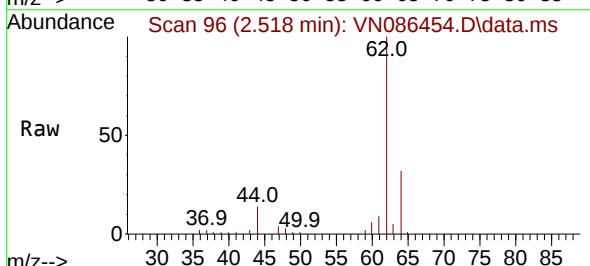
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#4
Vinyl Chloride
Concen: 18.411 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

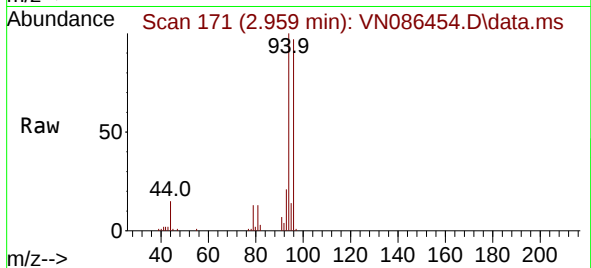
Tgt Ion: 62 Resp: 62080
Ion Ratio Lower Upper
62 100
64 32.5 25.6 38.4





#5
Bromomethane
Concen: 22.585 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

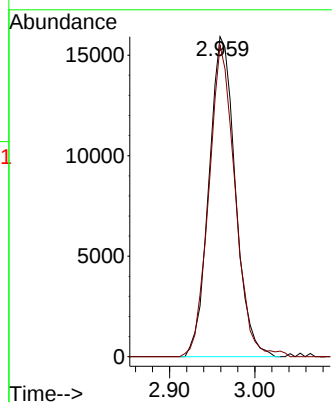
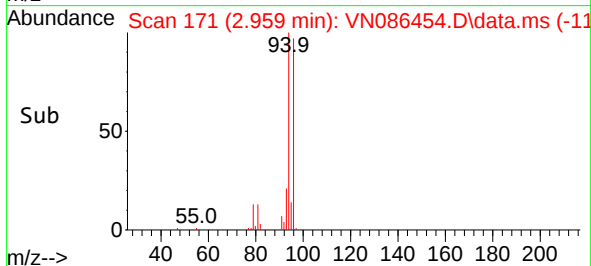
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



Tgt Ion: 94 Resp: 3425
Ion Ratio Lower Upper
94 100
96 97.3 75.2 112.8

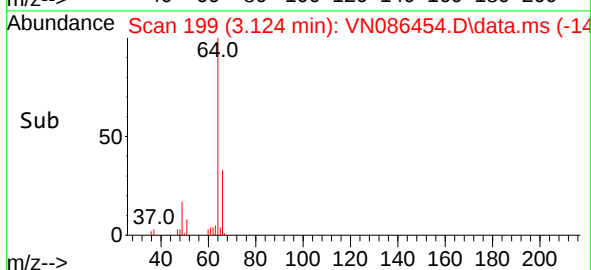
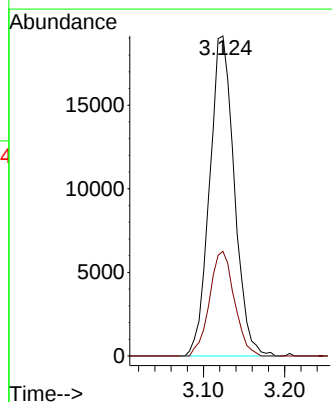
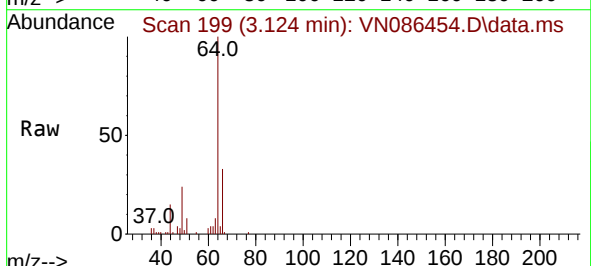
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#6
Chloroethane
Concen: 17.945 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

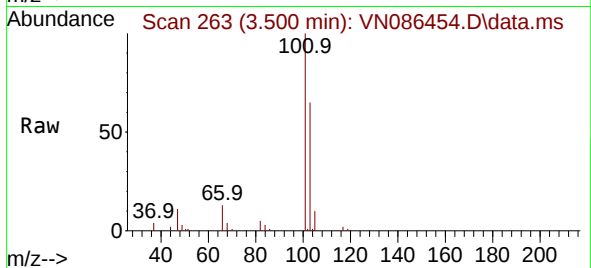
Tgt Ion: 64 Resp: 40498
Ion Ratio Lower Upper
64 100
66 32.7 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 19.115 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN086454.D
 Acq: 02 May 2025 11:26

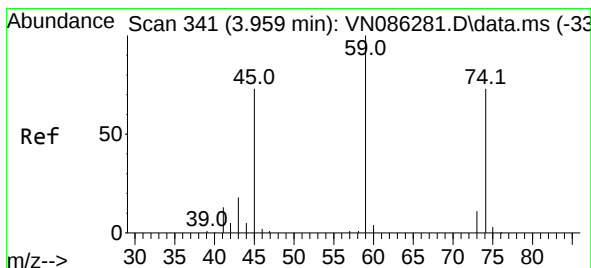
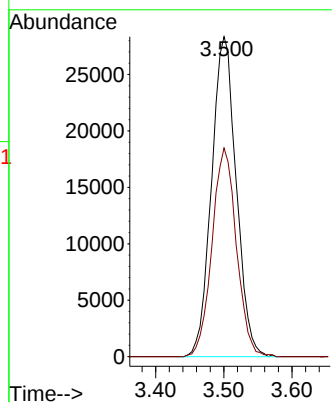
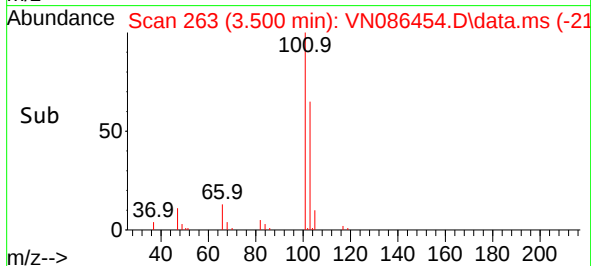
Instrument :
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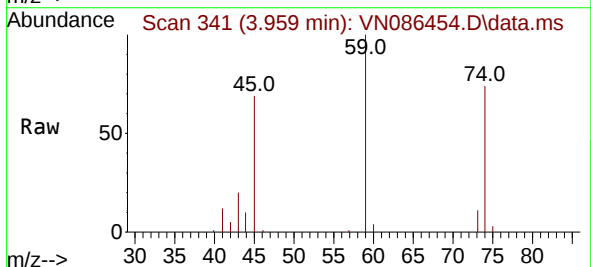
Tgt Ion: 101 Resp: 71398
 Ion Ratio Lower Upper
 101 100
 103 65.2 49.2 73.8

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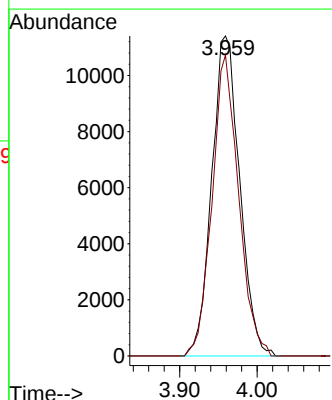
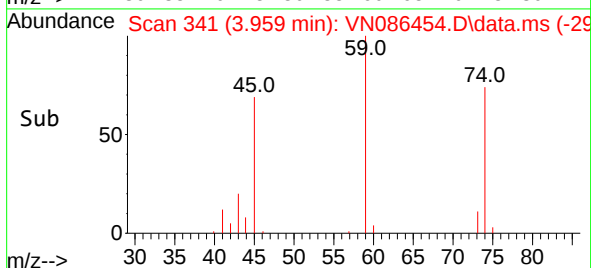
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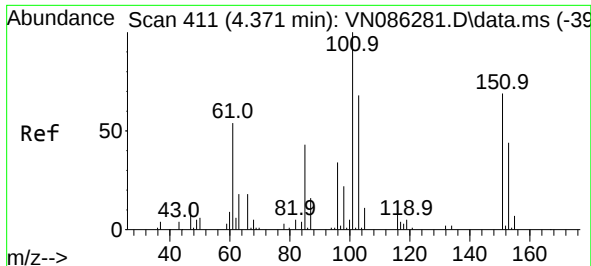


#8
 Diethyl Ether
 Concen: 17.584 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086454.D
 Acq: 02 May 2025 11:26



Tgt Ion: 74 Resp: 28673
 Ion Ratio Lower Upper
 74 100
 45 89.1 48.0 144.2





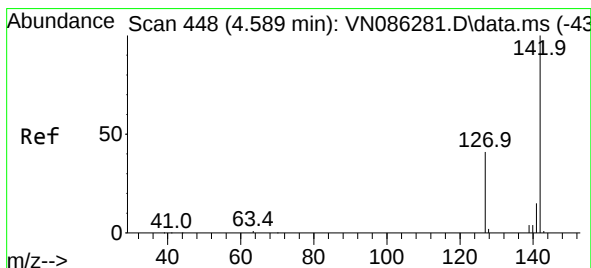
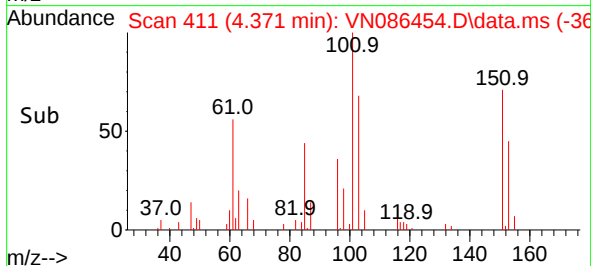
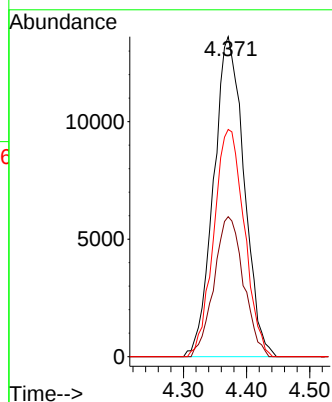
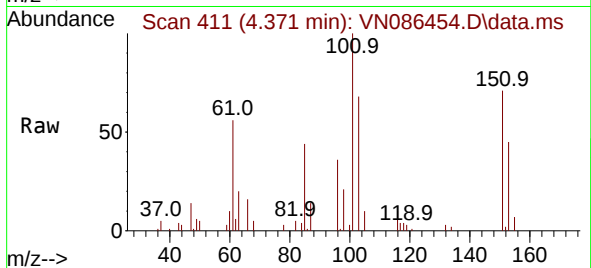
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.154 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086454.D
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Tgt Ion:101 Resp: 45539
Ion Ratio Lower Upper
101 100
85 42.5 34.7 52.1
151 71.4 56.1 84.1

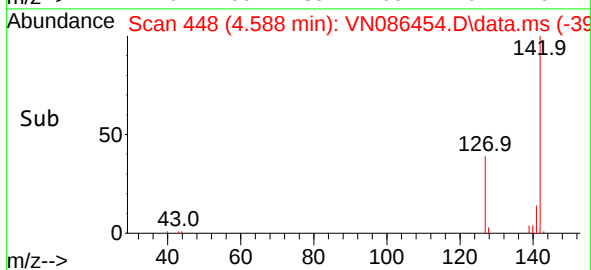
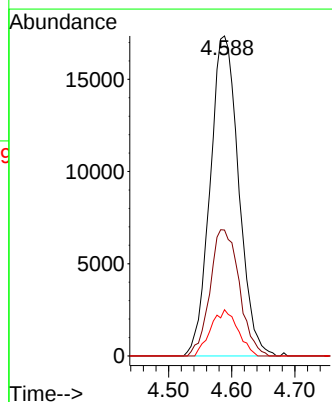
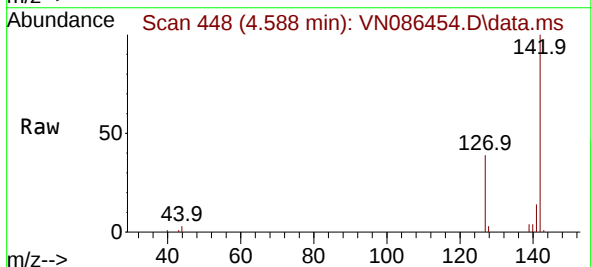
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#10
Methyl Iodide
Concen: 21.951 ug/l
RT: 4.588 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

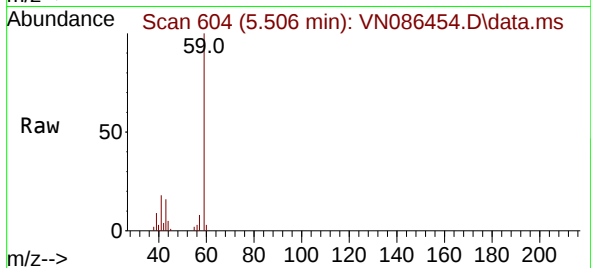
Tgt Ion:142 Resp: 54530
Ion Ratio Lower Upper
142 100
127 39.4 32.7 49.1
141 14.4 11.7 17.5





#11
Tert butyl alcohol
Concen: 82.715 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

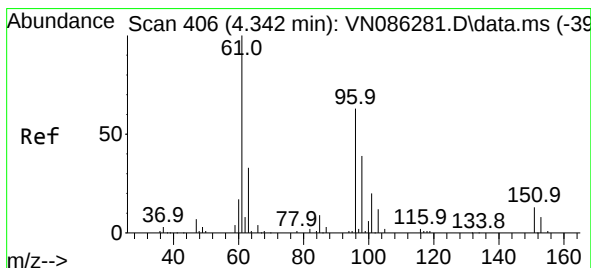
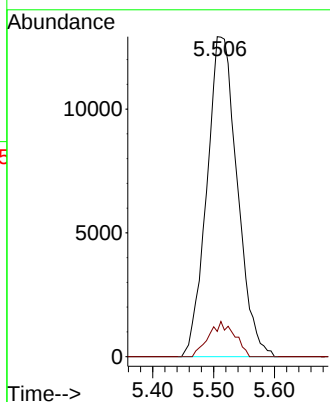
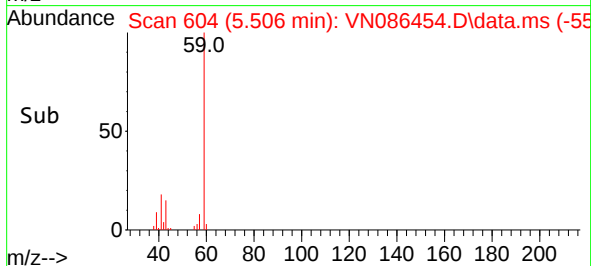
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



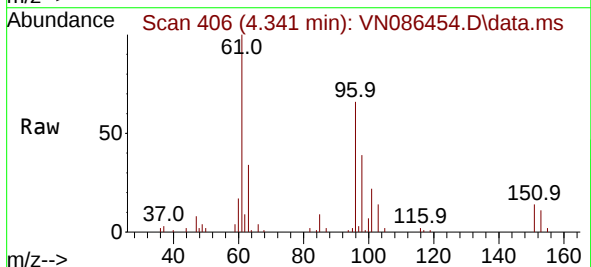
Tgt Ion: 59 Resp: 44880
Ion Ratio Lower Upper
59 100
57 9.3 8.3 12.5

Manual Integrations
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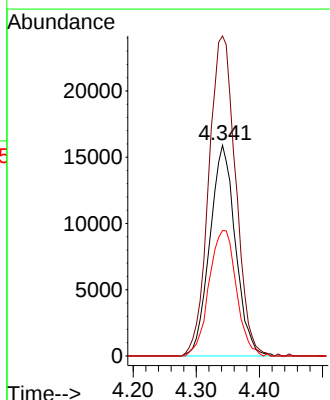
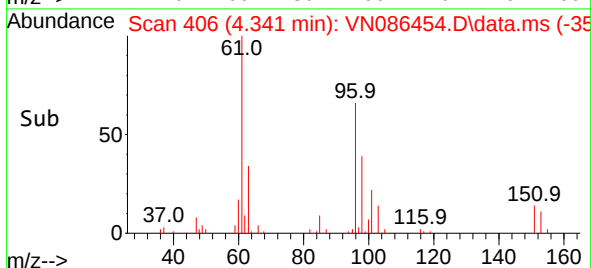
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#12
1,1-Dichloroethene
Concen: 18.539 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26



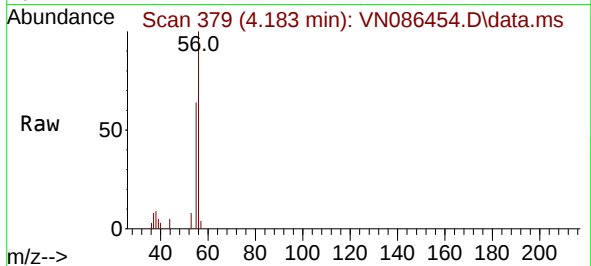
Tgt Ion: 96 Resp: 44754
Ion Ratio Lower Upper
96 100
61 151.8 126.6 189.8
98 59.5 49.6 74.4





#13
Acrolein
Concen: 66.082 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

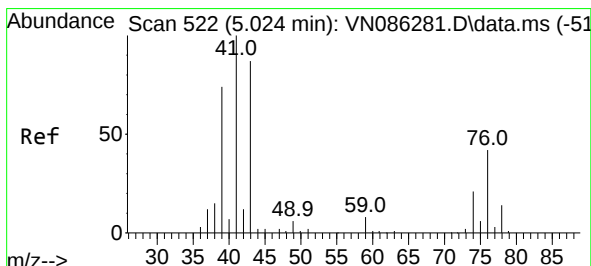
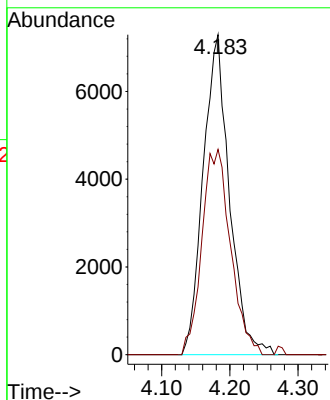
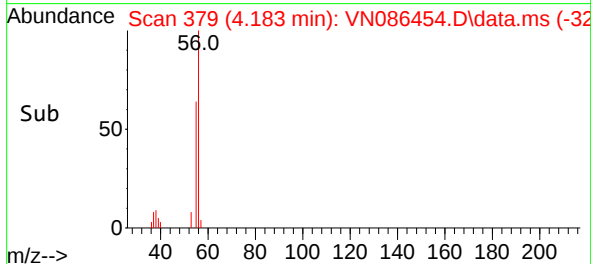
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



Tgt Ion: 56 Resp: 19530
Ion Ratio Lower Upper
56 100
55 70.0 58.5 87.7

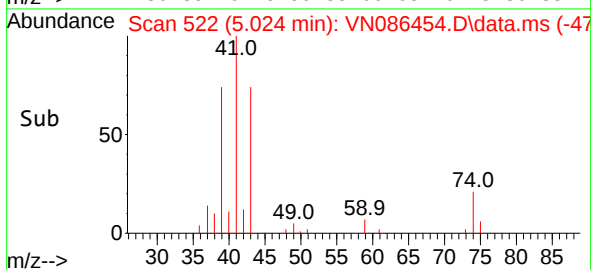
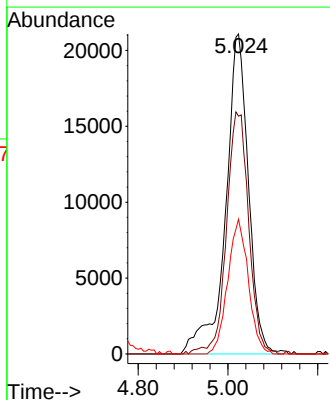
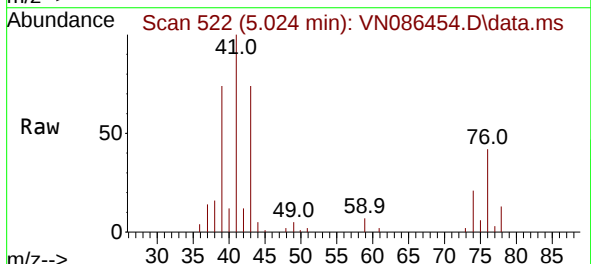
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#14
Allyl chloride
Concen: 17.376 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

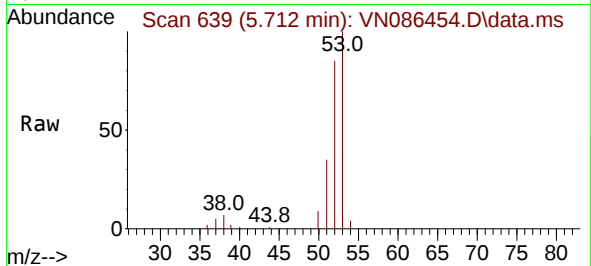
Tgt Ion: 41 Resp: 74566
Ion Ratio Lower Upper
41 100
39 73.5 59.2 88.8
76 38.0 31.2 46.8





#15
Acrylonitrile
Concen: 86.380 ug/l
RT: 5.712 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

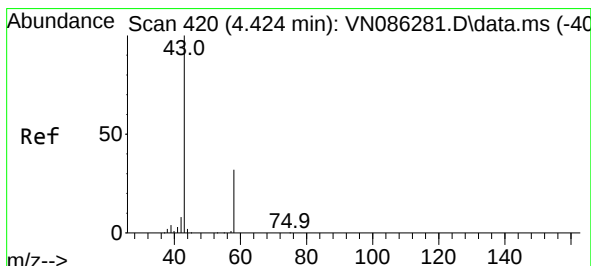
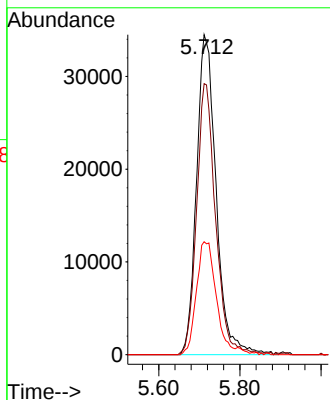
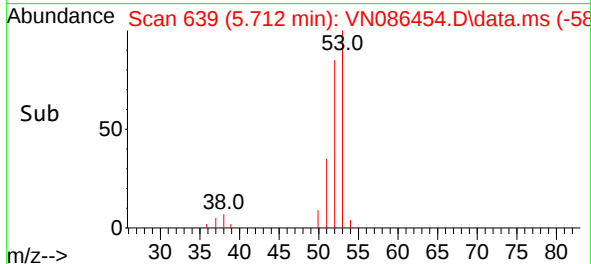
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



Tgt Ion: 53 Resp: 115870
Ion Ratio Lower Upper
53 100
52 82.0 65.5 98.3
51 35.4 28.6 42.8

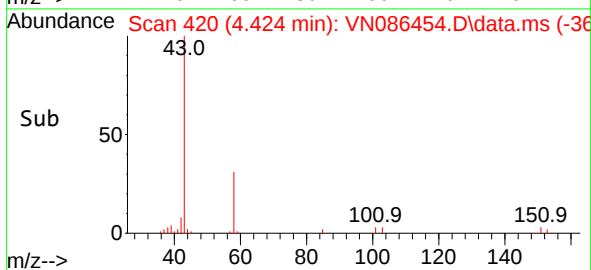
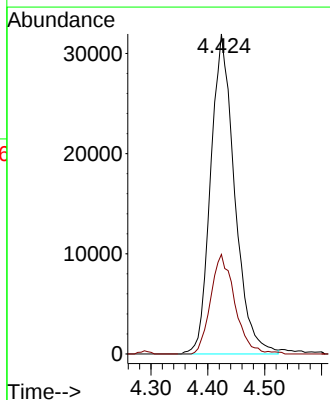
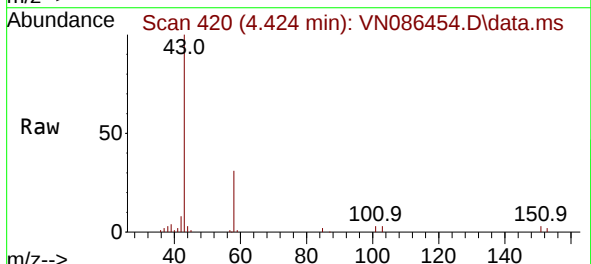
Manual Integrations
APPROVED

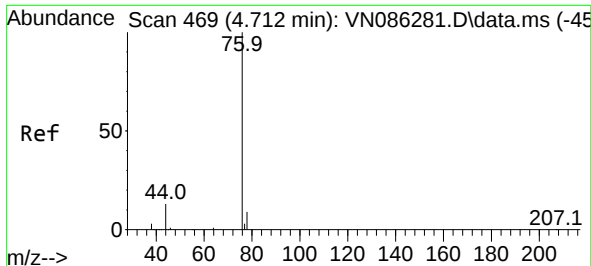
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#16
Acetone
Concen: 87.444 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

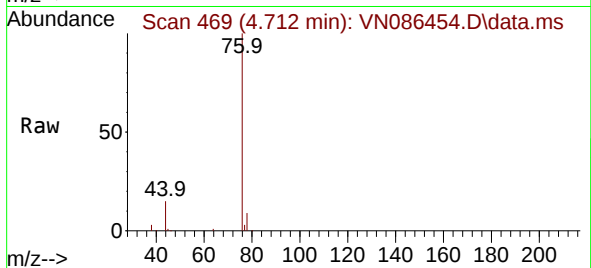
Tgt Ion: 43 Resp: 93733
Ion Ratio Lower Upper
43 100
58 31.1 25.3 37.9





#17
Carbon Disulfide
Concen: 17.036 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

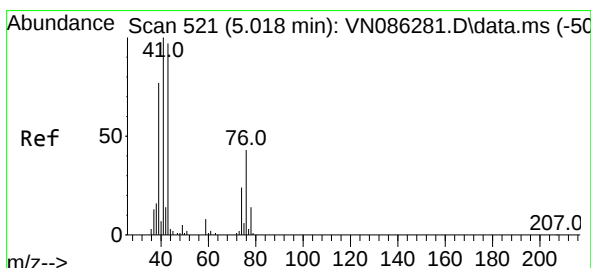
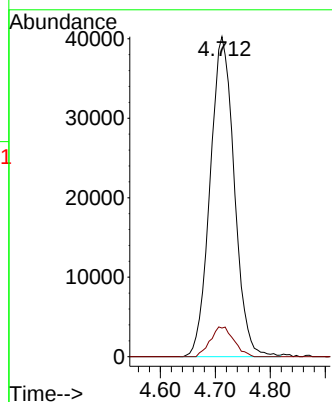
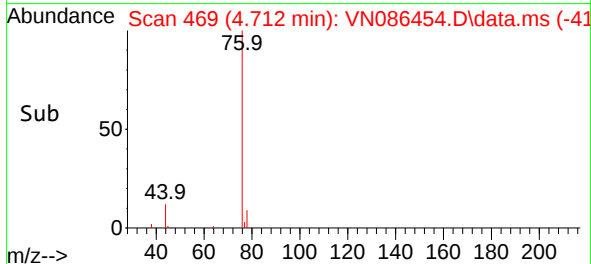
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



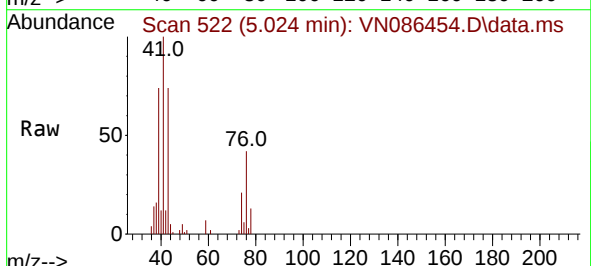
Tgt Ion: 76 Resp: 123130
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4

Manual Integrations
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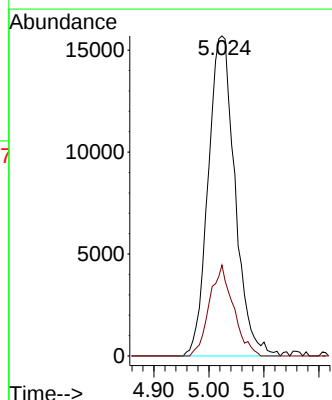
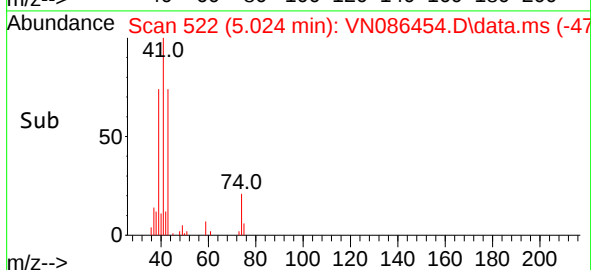
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

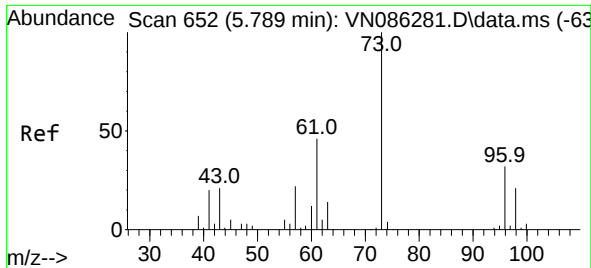


#18
Methyl Acetate
Concen: 14.894 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26



Tgt Ion: 43 Resp: 53174
Ion Ratio Lower Upper
43 100
74 25.4 19.8 29.6





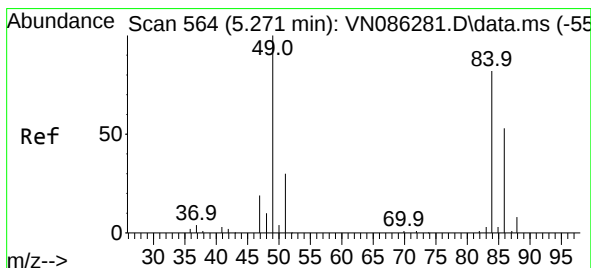
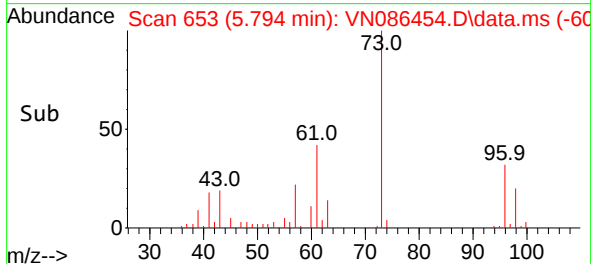
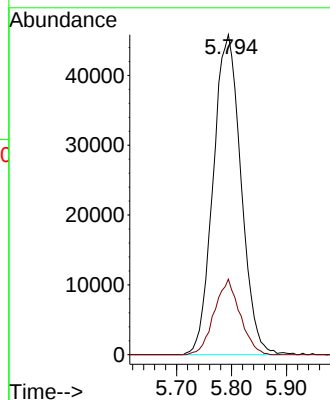
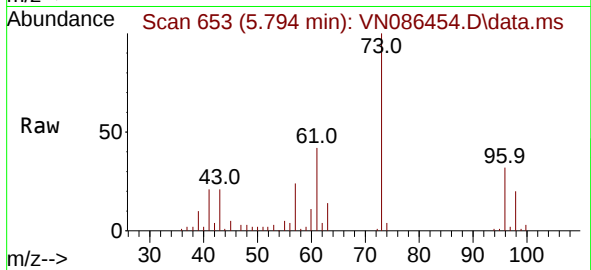
#19
Methyl tert-butyl Ether
Concen: 18.158 ug/l
RT: 5.794 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01

Tgt Ion: 73 Resp: 16113
Ion Ratio Lower Upper
73 100
57 23.6 17.6 26.4

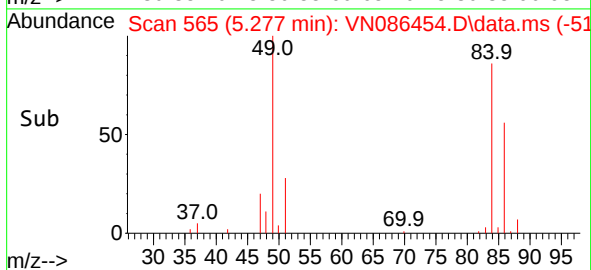
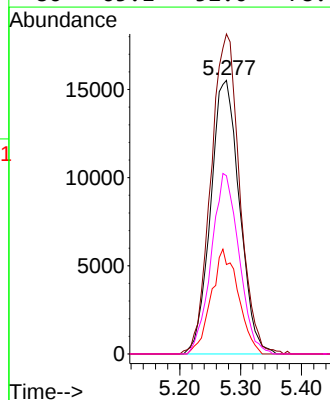
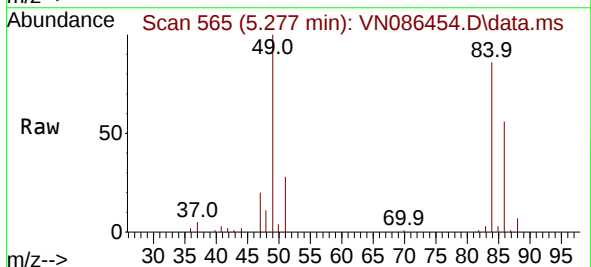
Manual Integrations
APPROVED

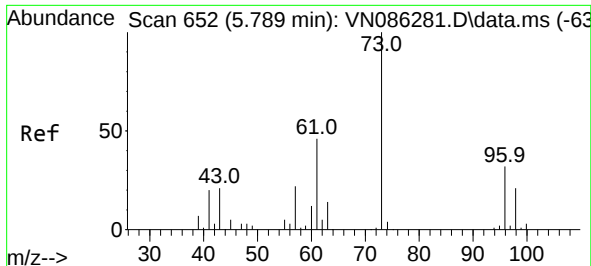
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#20
Methylene Chloride
Concen: 18.600 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

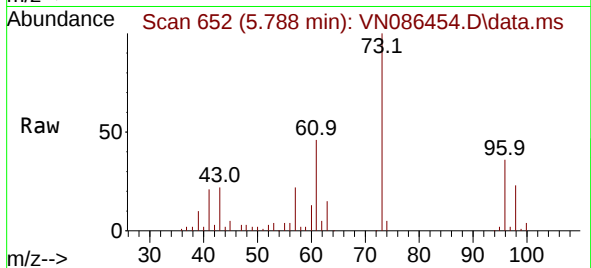
Tgt Ion: 84 Resp: 51140
Ion Ratio Lower Upper
84 100
49 116.9 98.2 147.2
51 32.7 29.8 44.6
86 65.1 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 18.799 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

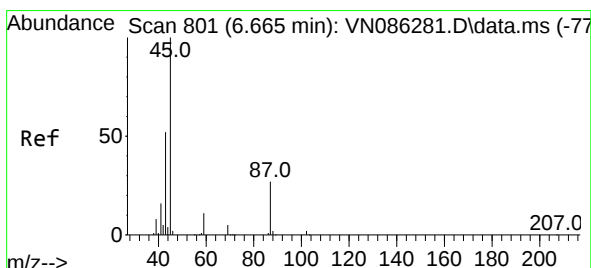
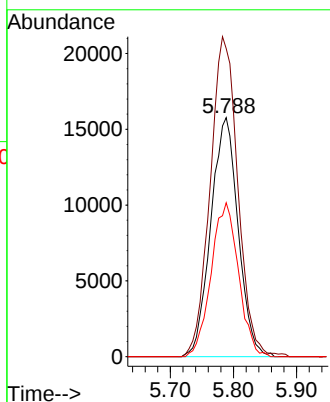
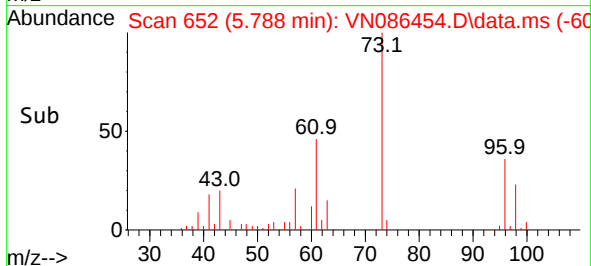
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



Tgt Ion: 96 Resp: 47440
Ion Ratio Lower Upper
96 100
61 128.9 114.6 171.8
98 64.4 51.2 76.8

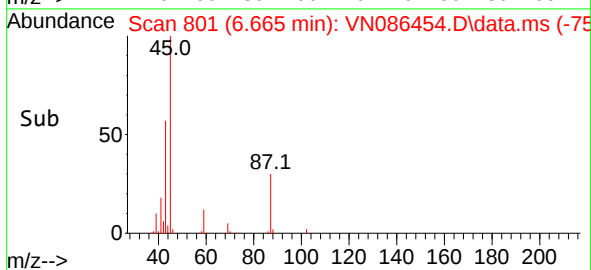
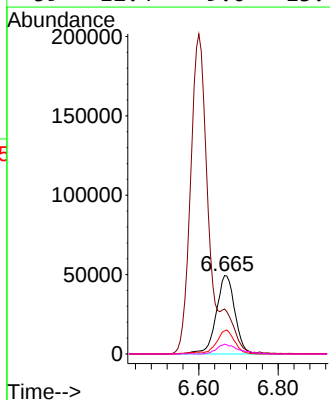
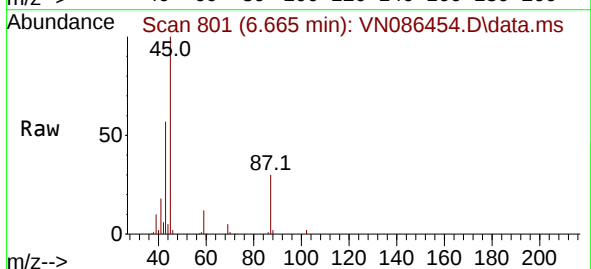
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#22
Diisopropyl ether
Concen: 17.302 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

Tgt Ion: 45 Resp: 161515
Ion Ratio Lower Upper
45 100
43 56.6 41.8 62.8
87 29.5 21.6 32.4
59 12.4 9.0 13.4





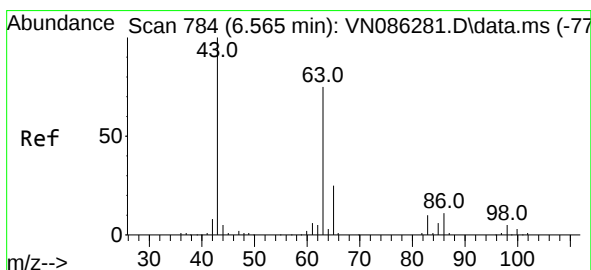
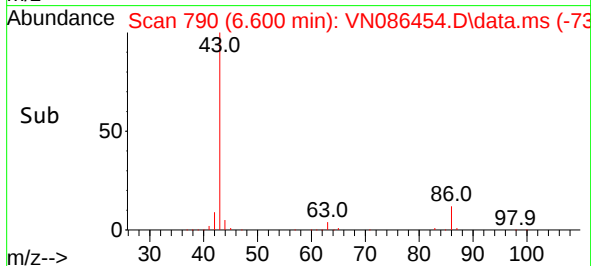
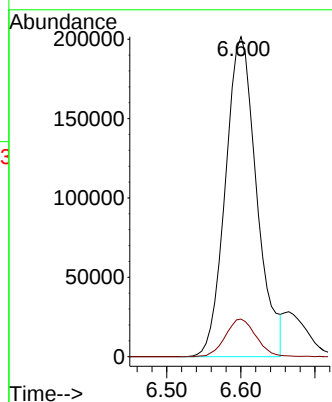
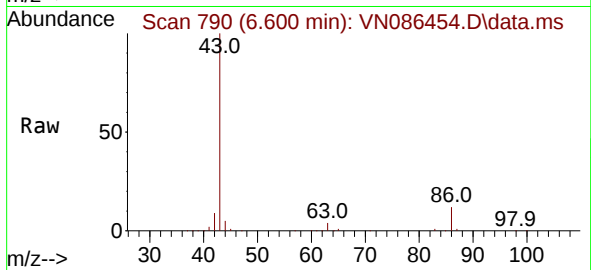
#23
 Vinyl Acetate
 Concen: 90.489 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086454.D
 Acq: 02 May 2025 11:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBS01

Tgt Ion: 43 Resp: 59051
 Ion Ratio Lower Upper
 43 100
 86 11.8 8.6 13.0

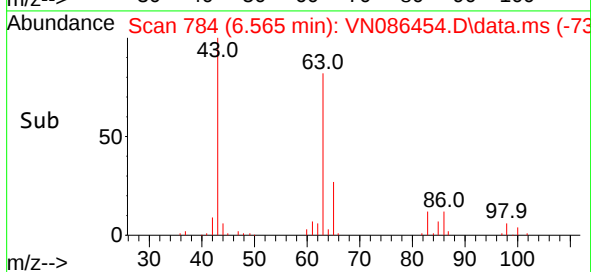
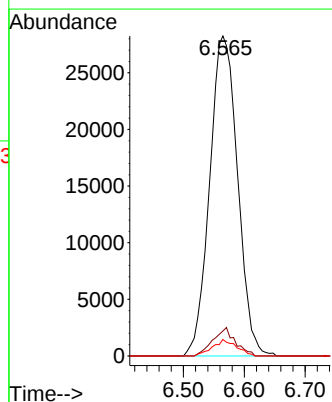
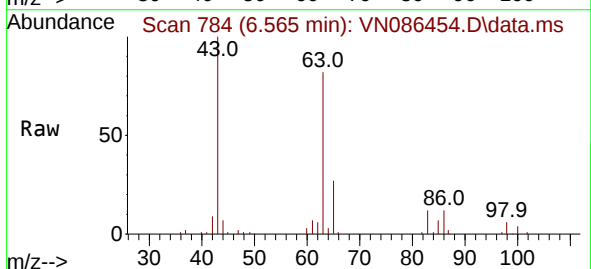
Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/05/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025



#24
 1,1-Dichloroethane
 Concen: 18.302 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086454.D
 Acq: 02 May 2025 11:26

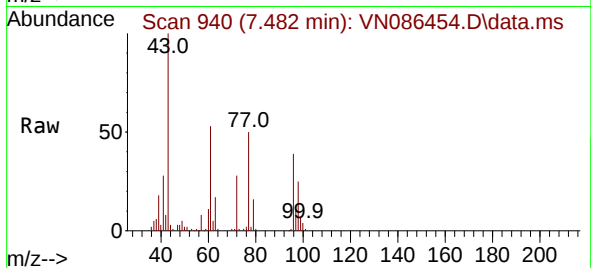
Tgt Ion: 63 Resp: 90149
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.4 10.2
 100 5.1 2.1 6.5





#25
2-Butanone
Concen: 83.762 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

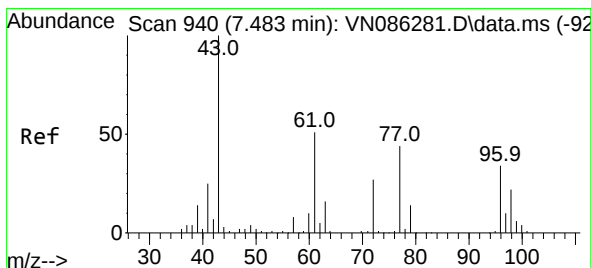
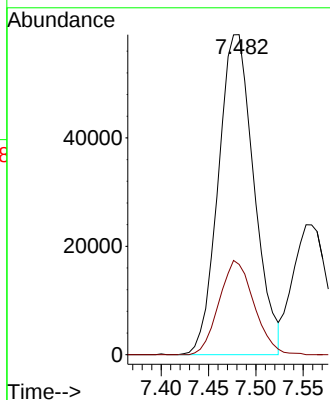
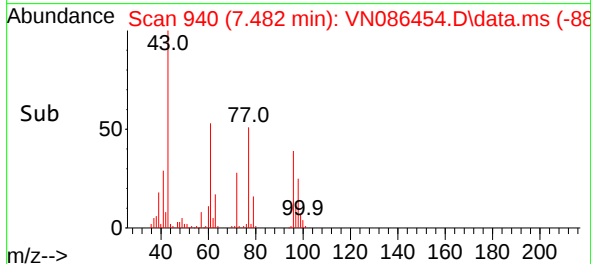
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



Tgt Ion: 43 Resp: 15506
Ion Ratio Lower Upper
43 100
72 28.2 21.7 32.5

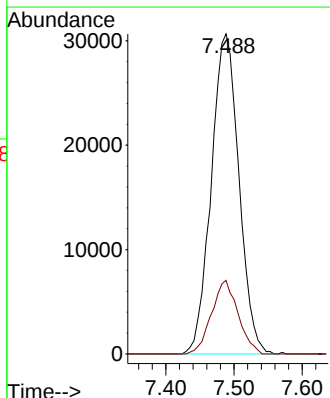
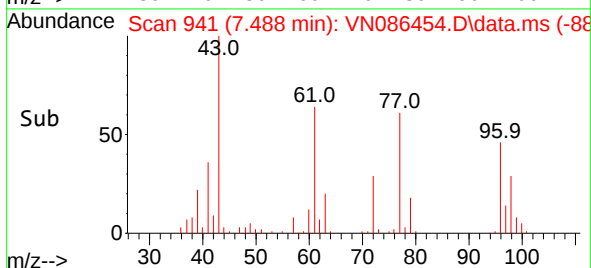
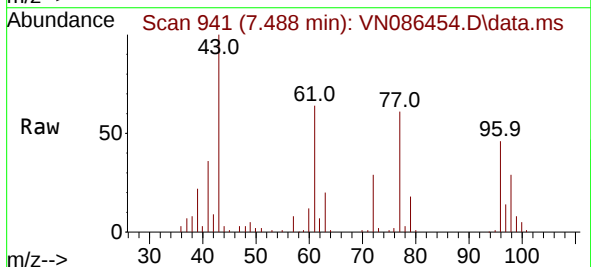
Manual Integrations
APPROVED

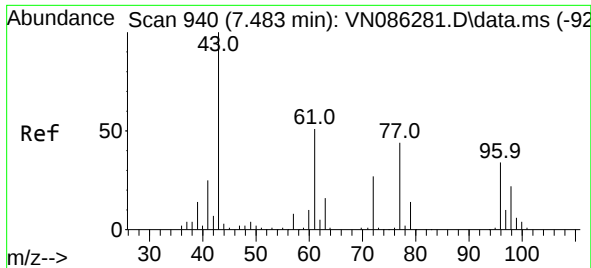
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#26
2,2-Dichloropropane
Concen: 19.640 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

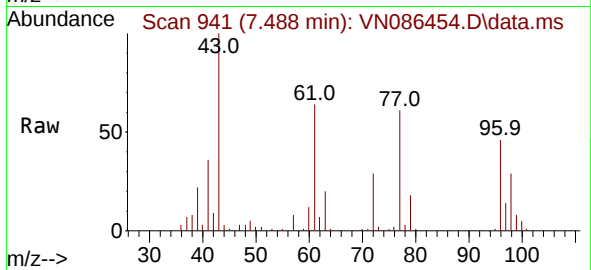
Tgt Ion: 77 Resp: 86618
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.241 ug/l
 RT: 7.488 min Scan# 940
 Delta R.T. 0.006 min
 Lab File: VN086454.D
 Acq: 02 May 2025 11:26

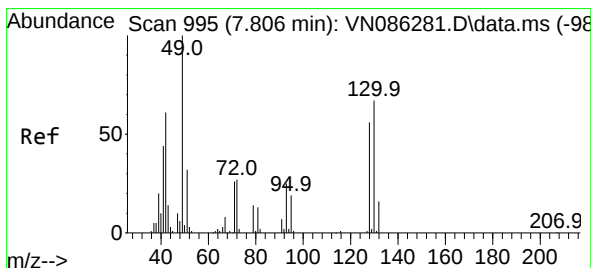
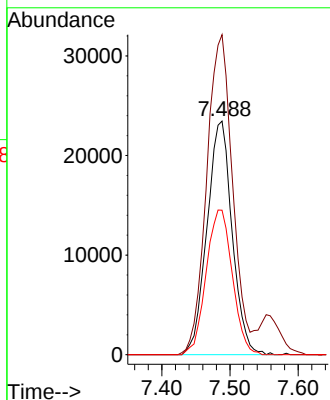
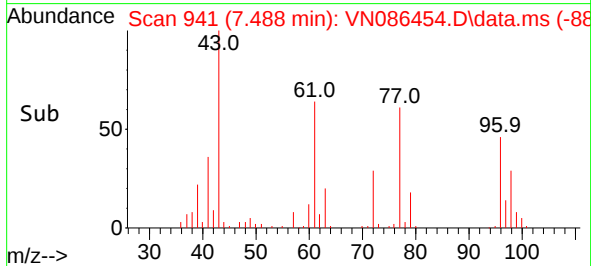
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBS01



Tgt Ion: 96 Resp: 6027
 Ion Ratio Lower Upper
 96 100
 61 141.9 0.0 299.0
 98 64.5 0.0 129.6

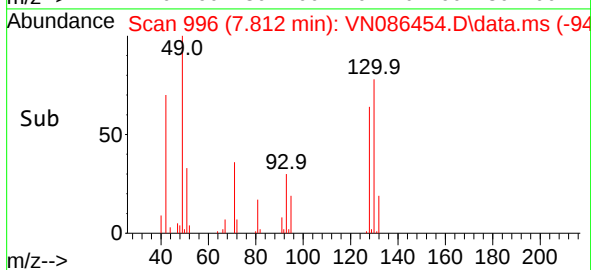
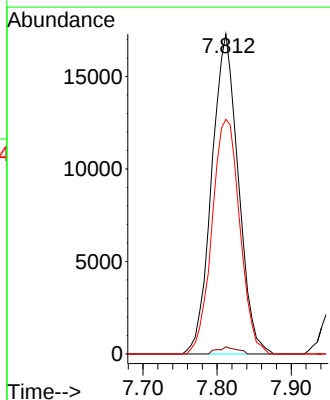
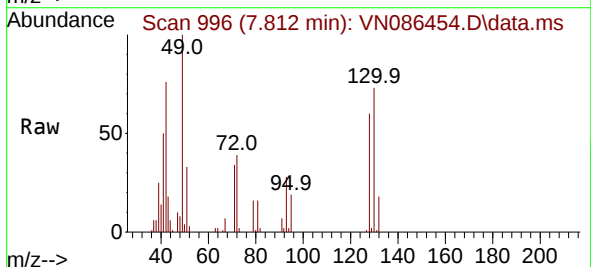
Manual Integrations
 APPROVED

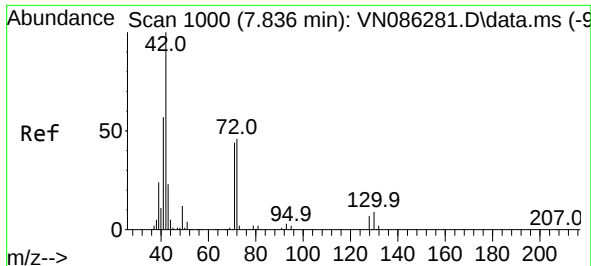
Reviewed By :John Carlone 05/05/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025



#28
 Bromochloromethane
 Concen: 20.653 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086454.D
 Acq: 02 May 2025 11:26

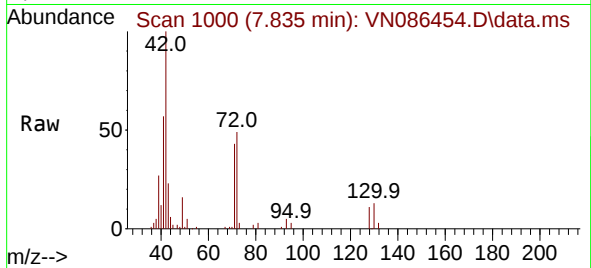
Tgt Ion: 49 Resp: 43134
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.4
 130 76.5 57.1 85.7





#29
Tetrahydrofuran
Concen: 81.105 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

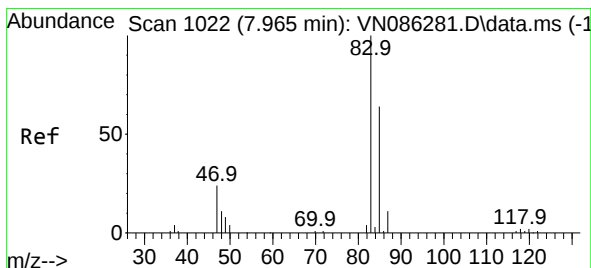
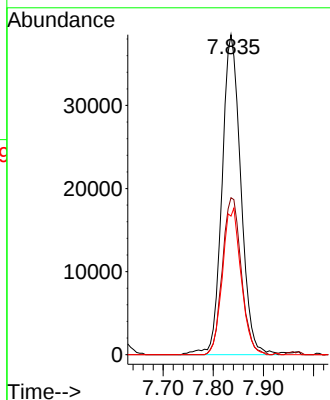
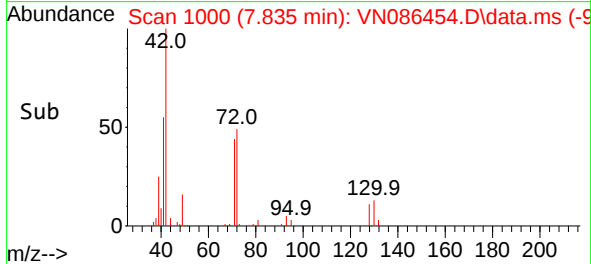
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



Tgt Ion: 42 Resp: 10040
Ion Ratio Lower Upper
42 100
72 49.3 36.2 54.4
71 45.4 34.0 51.0

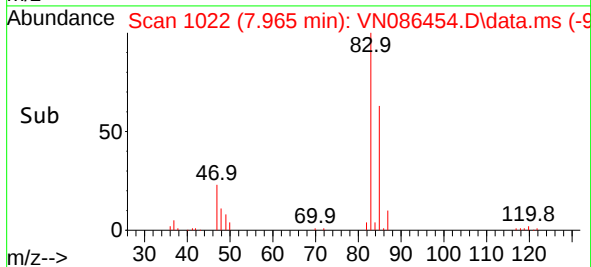
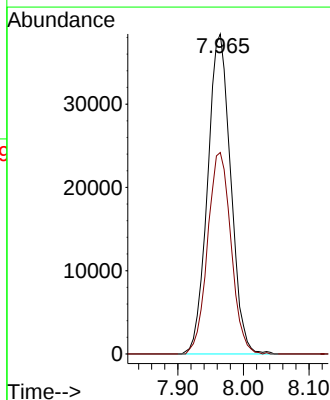
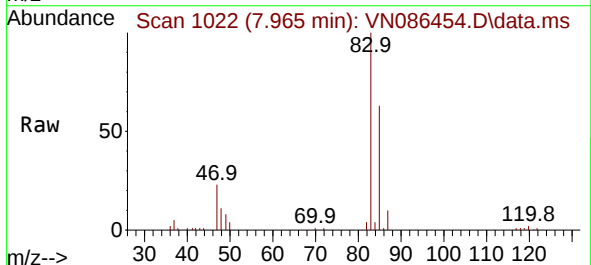
Manual Integrations
APPROVED

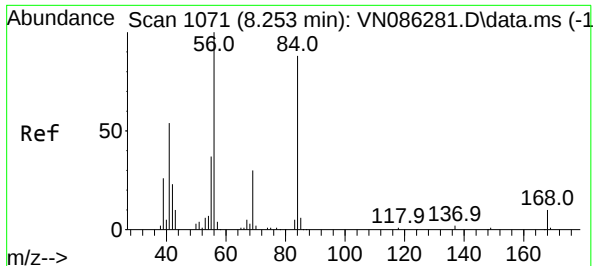
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#30
Chloroform
Concen: 19.415 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

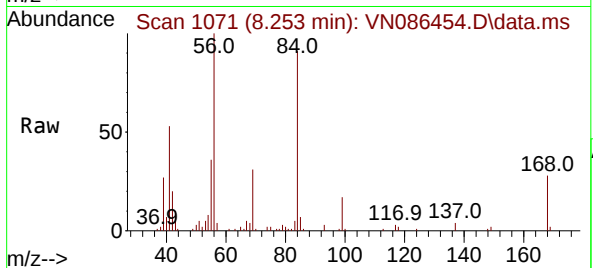
Tgt Ion: 83 Resp: 93940
Ion Ratio Lower Upper
83 100
85 62.9 51.5 77.3





#31
Cyclohexane
Concen: 17.994 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

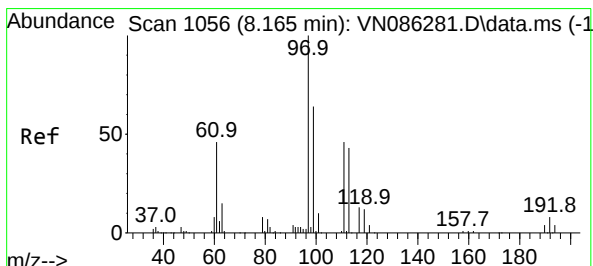
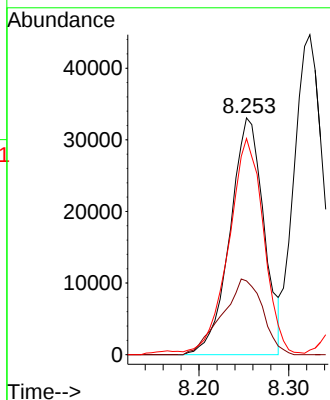
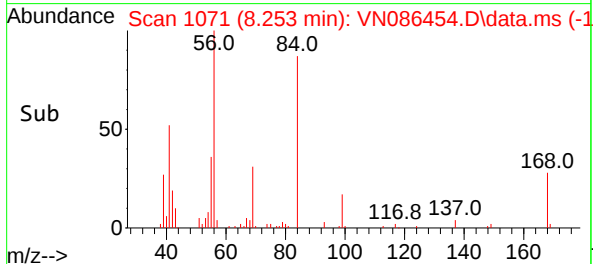
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



Tgt Ion: 56 Resp: 8673
Ion Ratio Lower Upper
56 100
69 31.2 24.2 36.2
84 89.9 70.3 105.5

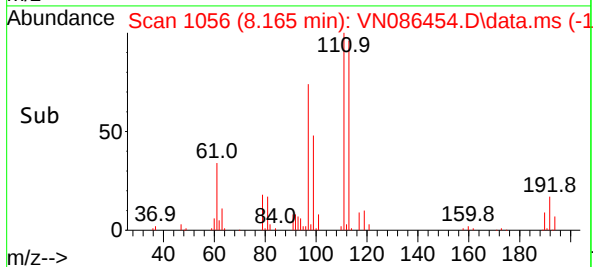
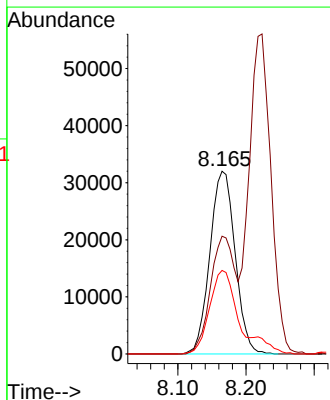
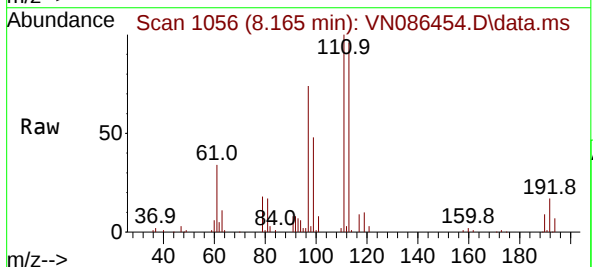
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#32
1,1,1-Trichloroethane
Concen: 19.927 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

Tgt Ion: 97 Resp: 82484
Ion Ratio Lower Upper
97 100
99 62.8 52.7 79.1
61 47.3 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 51.776 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086454.D

Acq: 02 May 2025 11:26

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBS01

Tgt Ion: 65 Resp: 15398

Ion Ratio Lower Upper

65 100

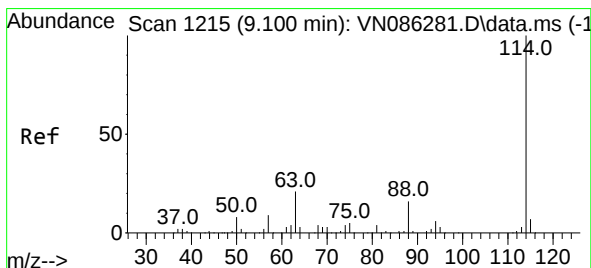
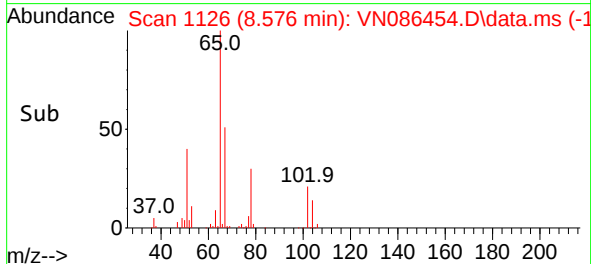
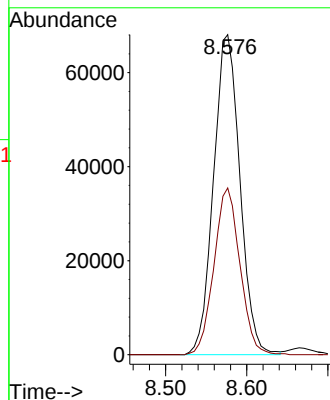
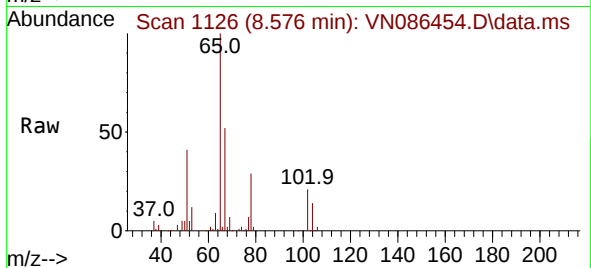
67 51.2 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086454.D

Acq: 02 May 2025 11:26

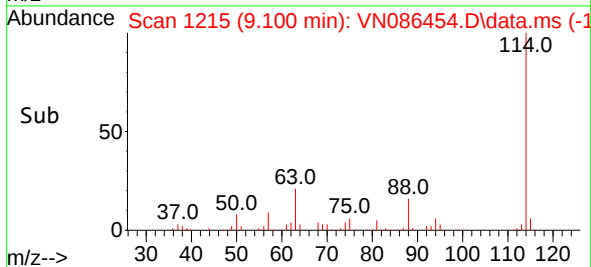
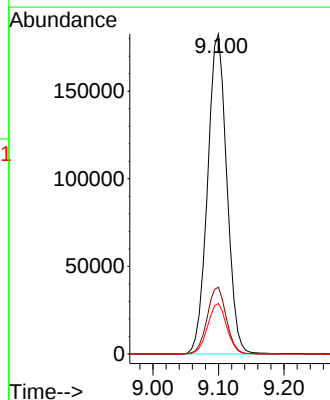
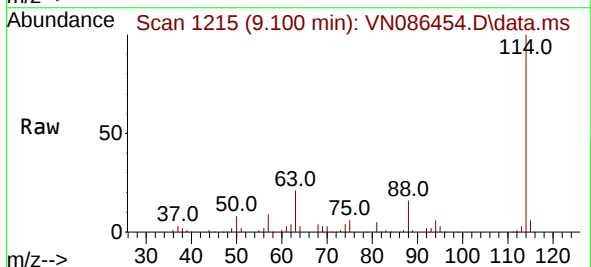
Tgt Ion:114 Resp: 372276

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

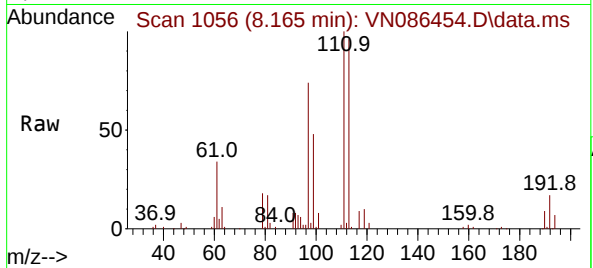
88 15.7 0.0 31.8





#35
Dibromofluoromethane
Concen: 57.521 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

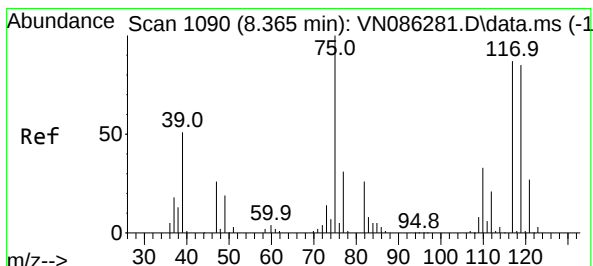
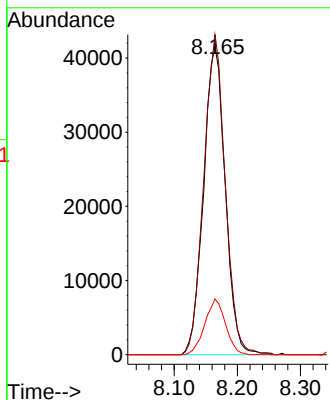
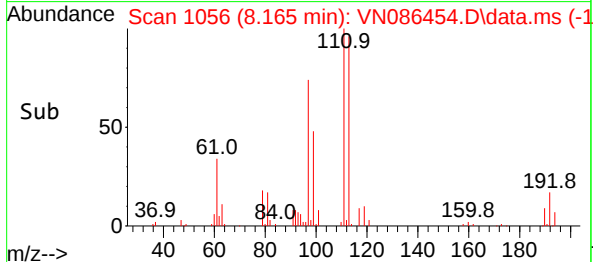
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



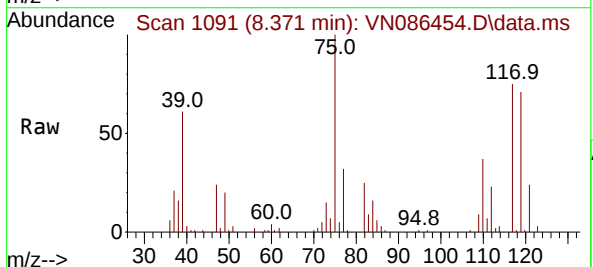
Tgt Ion:113 Resp: 9938
Ion Ratio Lower Upper
113 100
111 102.3 83.4 125.0
192 17.2 13.7 20.5

Manual Integrations
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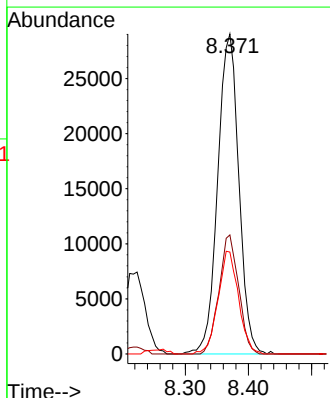
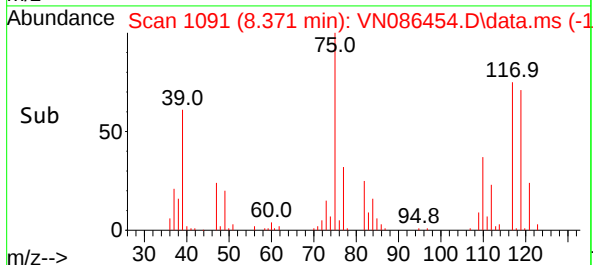
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

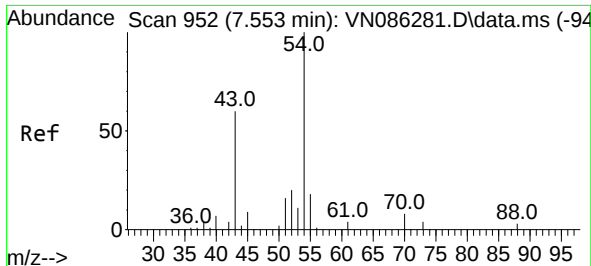


#36
1,1-Dichloropropene
Concen: 19.576 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26



Tgt Ion: 75 Resp: 67556
Ion Ratio Lower Upper
75 100
110 34.6 16.8 50.4
77 31.1 24.9 37.3





#37

Ethyl Acetate

Concen: 17.195 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN086454.D

Acq: 02 May 2025 11:26

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBS01

Tgt Ion: 43 Resp: 6247

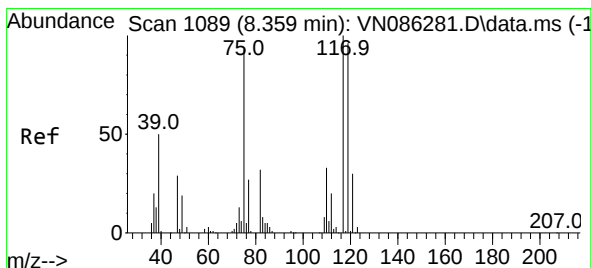
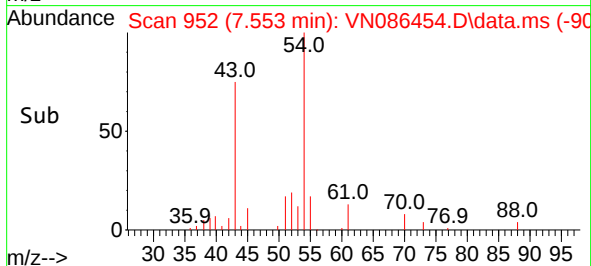
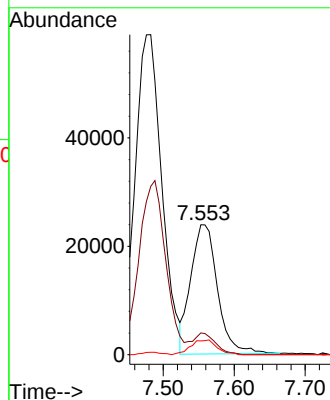
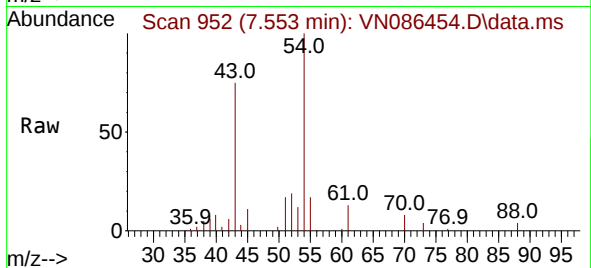
Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.1	16.7
70	11.2	9.2	13.8

Manual Integrations

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Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#38

Carbon Tetrachloride

Concen: 20.471 ug/l

RT: 8.359 min Scan# 1089

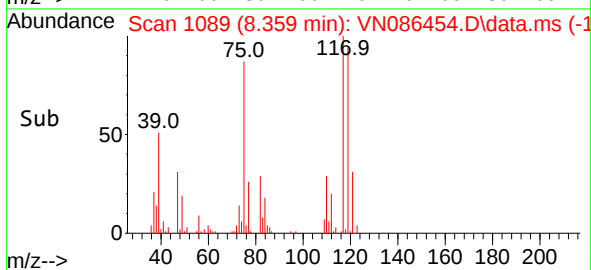
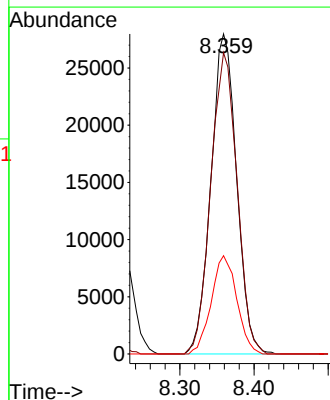
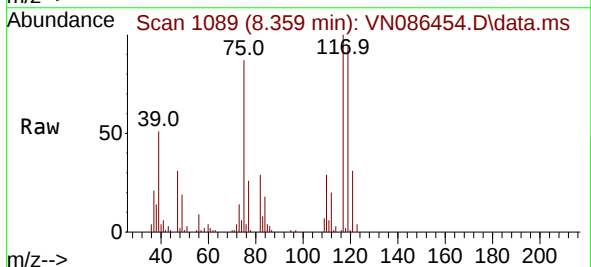
Delta R.T. -0.000 min

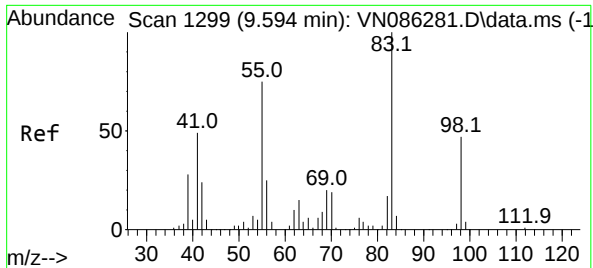
Lab File: VN086454.D

Acq: 02 May 2025 11:26

Tgt Ion:117 Resp: 67275

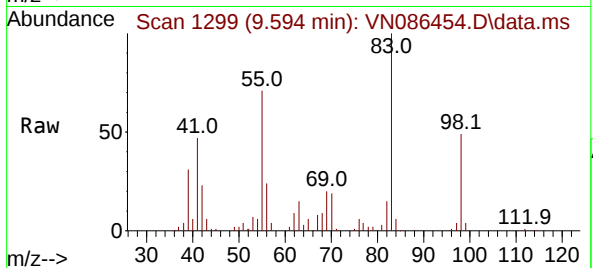
Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.8	115.2
121	30.7	23.8	35.8





#39
Methylcyclohexane
Concen: 19.614 ug/l
RT: 9.594 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

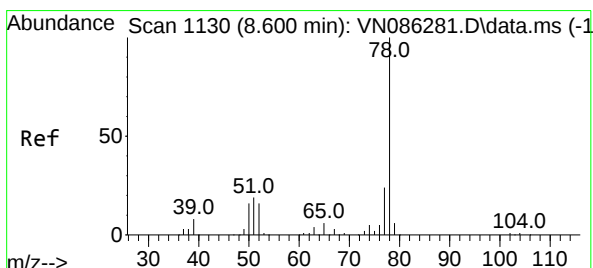
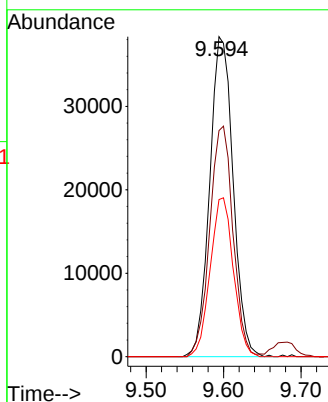
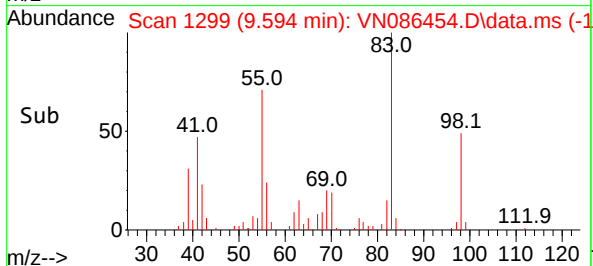
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



Tgt Ion: 83 Resp: 80452
Ion Ratio Lower Upper
83 100
55 70.7 59.8 89.8
98 49.1 37.9 56.9

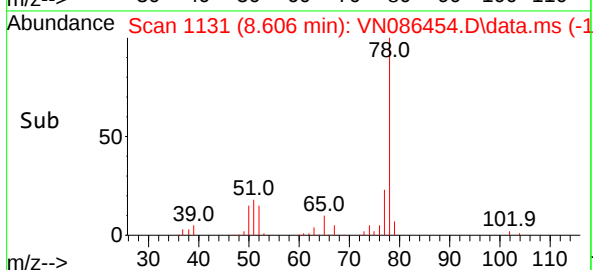
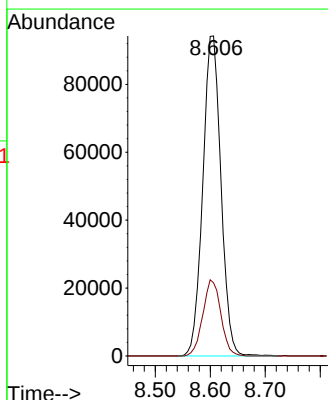
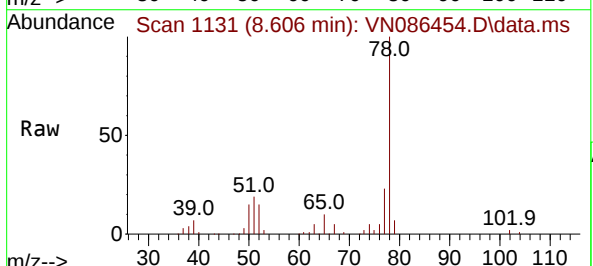
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#40
Benzene
Concen: 19.557 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

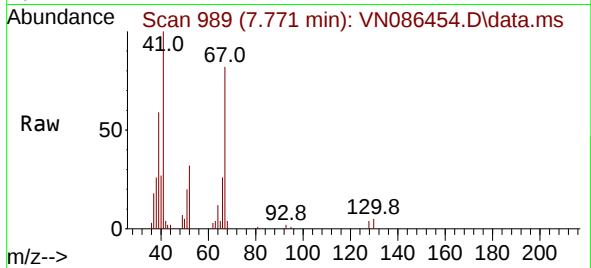
Tgt Ion: 78 Resp: 216239
Ion Ratio Lower Upper
78 100
77 22.9 19.4 29.2





#41
Methacrylonitrile
Concen: 17.364 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

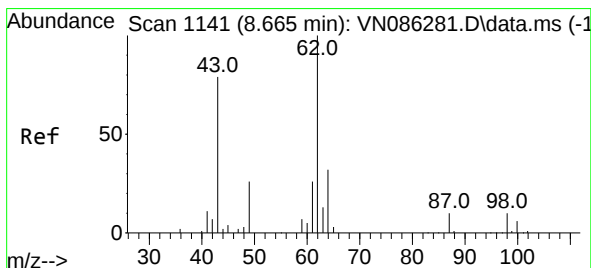
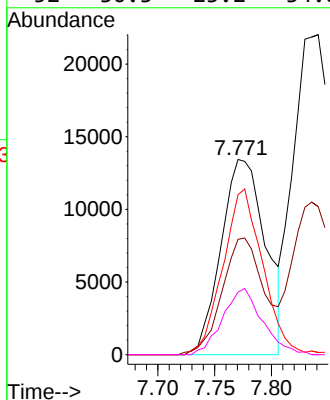
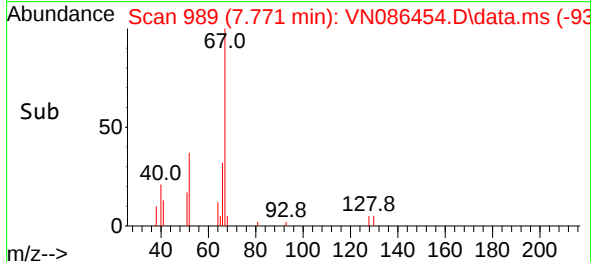
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



Tgt Ion:	41	Resp:	3656
Ion Ratio	100	Lower	Upper
39	56.6	43.0	64.4
67	76.1	58.8	88.2
52	30.3	23.2	34.8

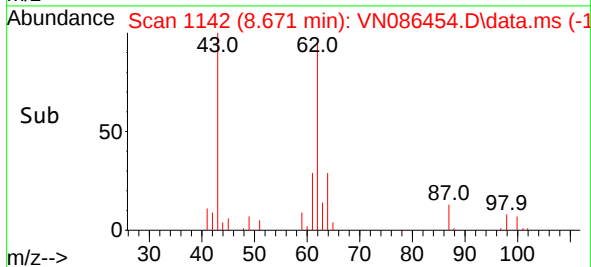
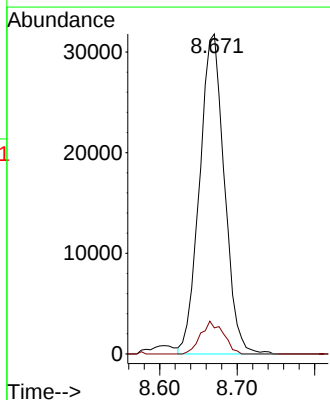
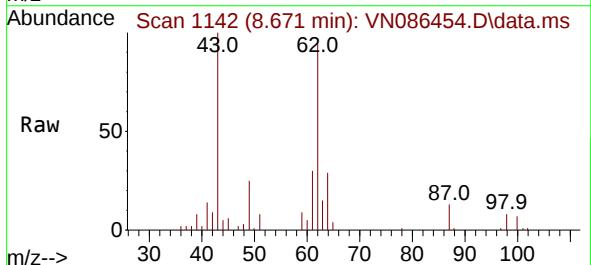
Manual Integrations
APPROVED

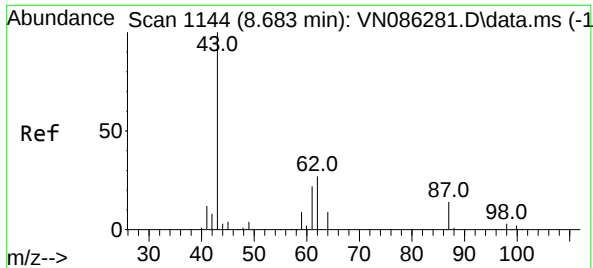
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#42
1,2-Dichloroethane
Concen: 20.024 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

Tgt Ion:	62	Resp:	70604
Ion Ratio	100	Lower	Upper
98	9.4	0.0	19.2





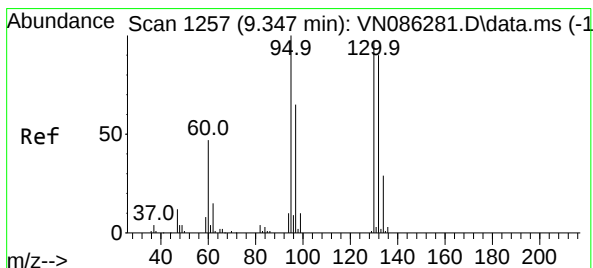
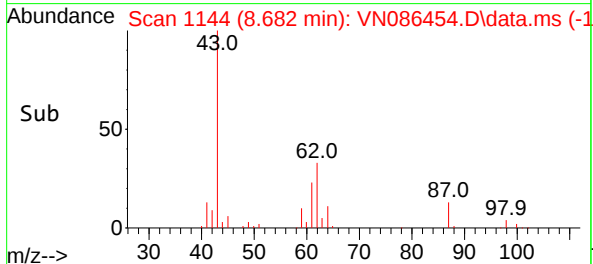
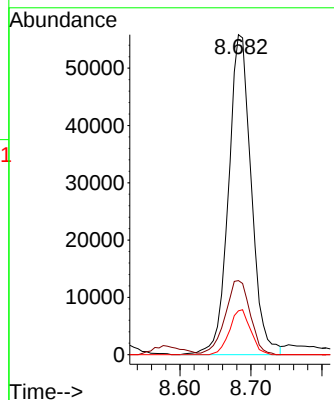
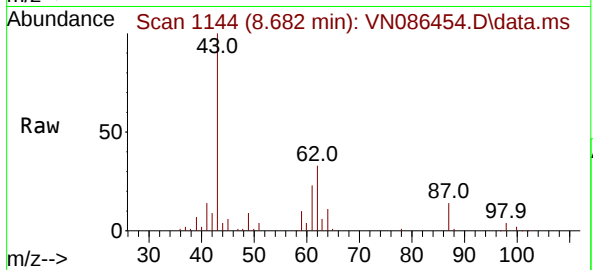
#43
Isopropyl Acetate
Concen: 17.614 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

Instrument : MSVOA_N
ClientSampleId : VN0502WBS01

Tgt Ion: 43 Resp: 124400
Ion Ratio Lower Upper
43 100
61 25.5 20.5 30.7
87 13.0 10.5 15.7

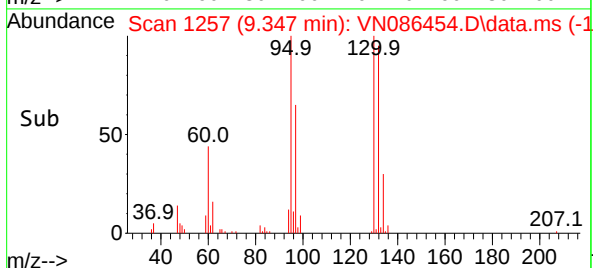
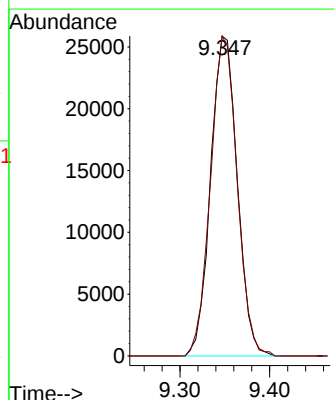
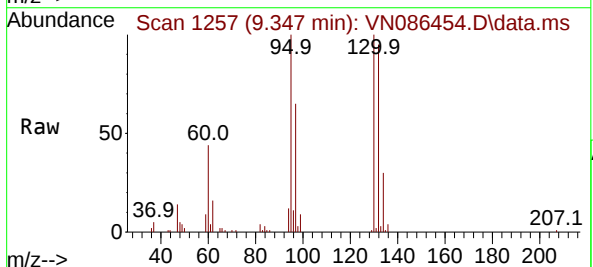
Manual Integrations
APPROVED

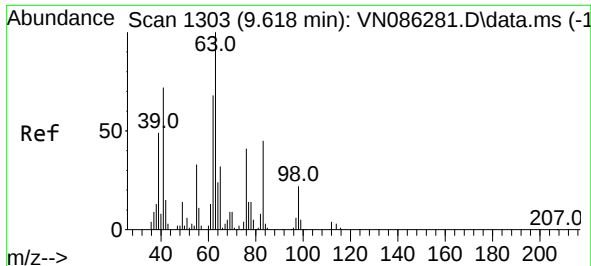
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#44
Trichloroethene
Concen: 20.390 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

Tgt Ion:130 Resp: 53436
Ion Ratio Lower Upper
130 100
95 99.9 0.0 207.2





#45

1,2-Dichloropropane

Concen: 19.418 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086454.D

Acq: 02 May 2025 11:26

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBS01

Tgt Ion: 63 Resp: 5255

Ion Ratio Lower Upper

63 100

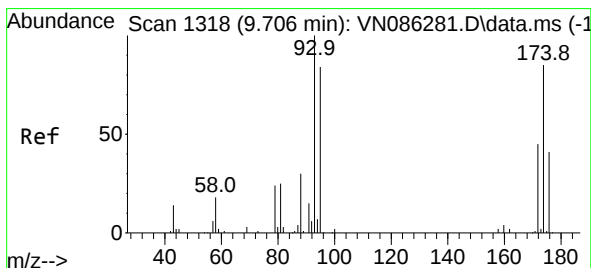
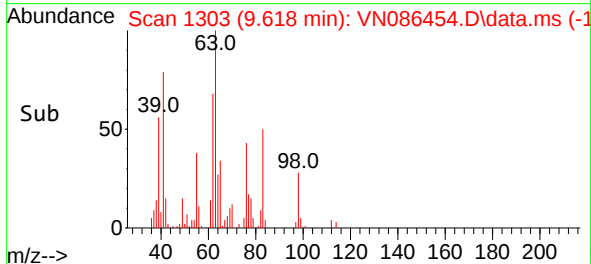
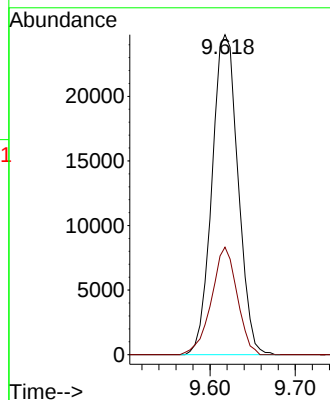
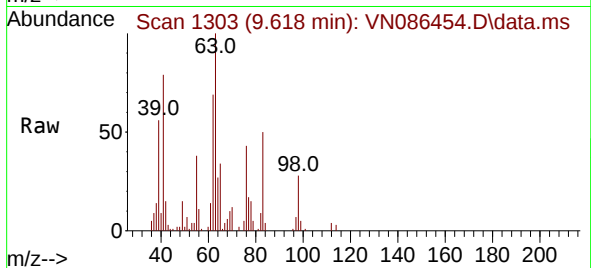
65 33.6 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#46

Dibromomethane

Concen: 20.860 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086454.D

Acq: 02 May 2025 11:26

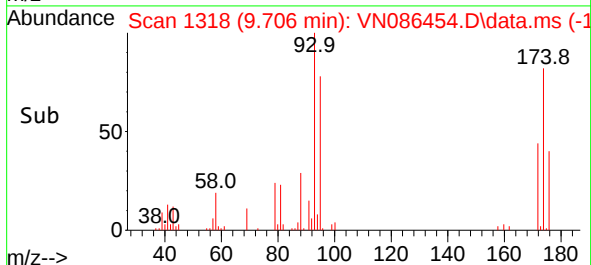
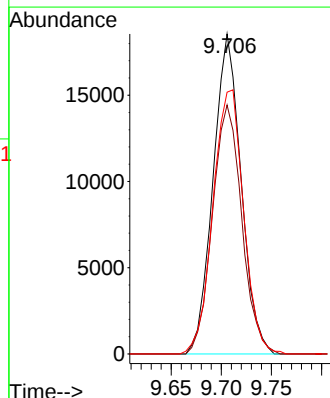
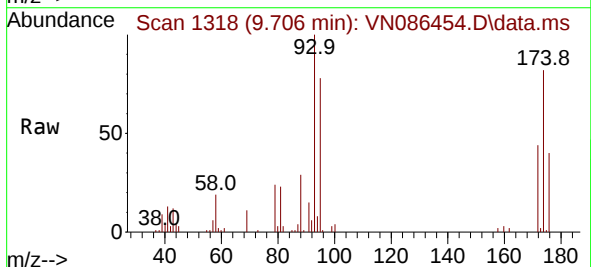
Tgt Ion: 93 Resp: 35972

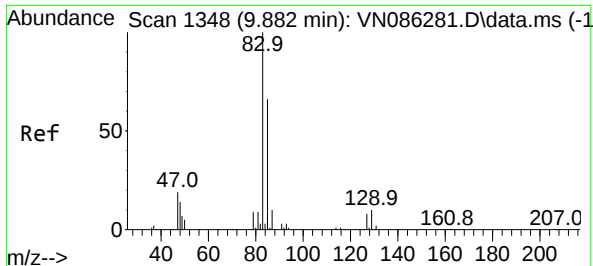
Ion Ratio Lower Upper

93 100

95 81.5 66.2 99.4

174 90.3 67.8 101.6





#47

Bromodichloromethane

Concen: 20.277 ug/l

RT: 9.882 min Scan# 1348

Delta R.T. -0.000 min

Lab File: VN086454.D

Acq: 02 May 2025 11:26

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBS01

Tgt Ion: 83 Resp: 7552

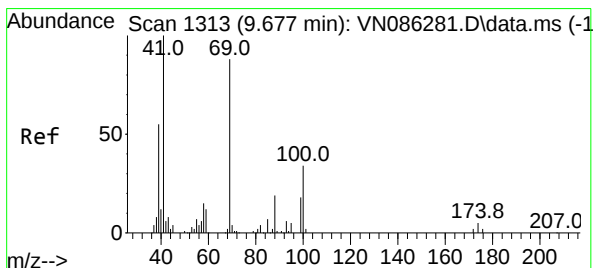
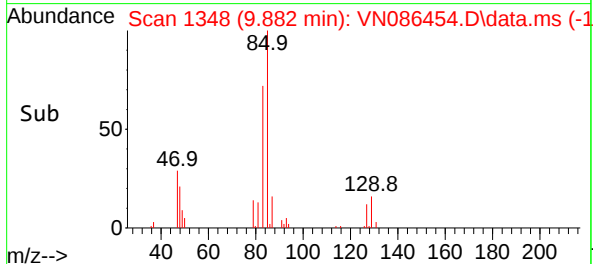
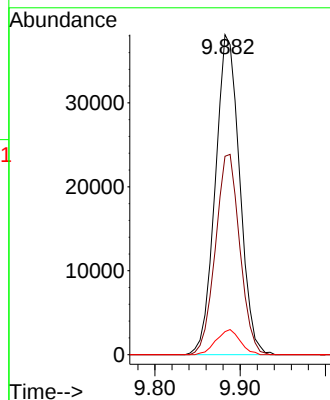
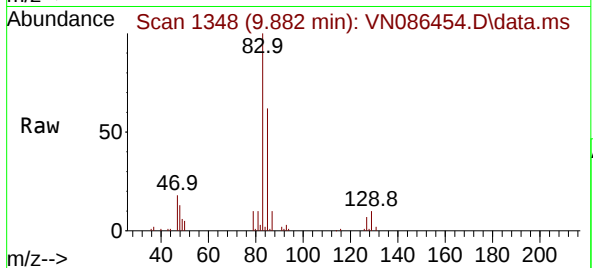
Ion	Ratio	Lower	Upper
83	100		
85	62.0	52.6	78.8
127	7.2	6.1	9.1

Manual Integrations

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Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#48

Methyl methacrylate

Concen: 17.336 ug/l

RT: 9.676 min Scan# 1313

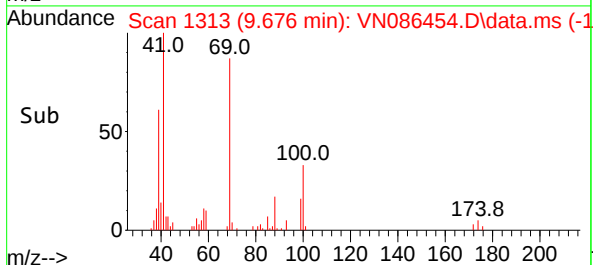
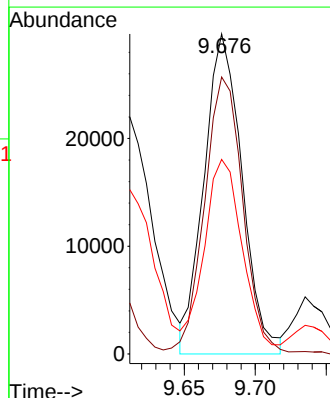
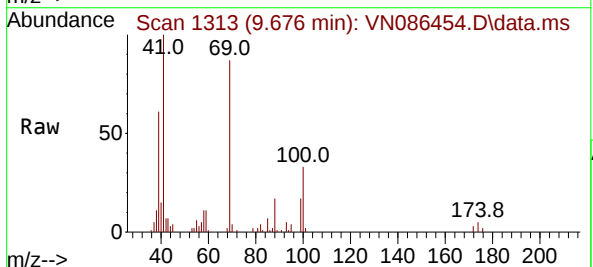
Delta R.T. -0.000 min

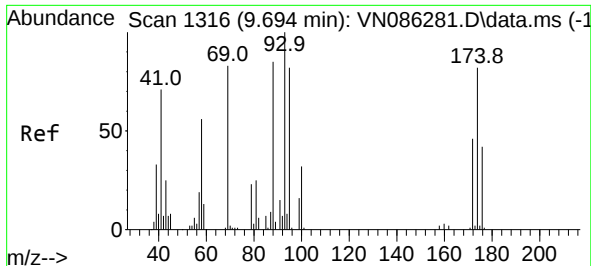
Lab File: VN086454.D

Acq: 02 May 2025 11:26

Tgt Ion: 41 Resp: 55312

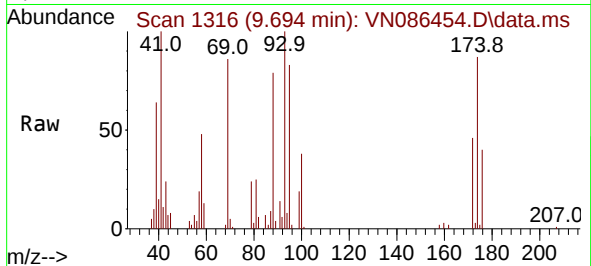
Ion	Ratio	Lower	Upper
41	100		
69	85.9	68.2	102.2
39	61.9	45.2	67.8





#49
1,4-Dioxane
Concen: 351.057 ug/l
RT: 9.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

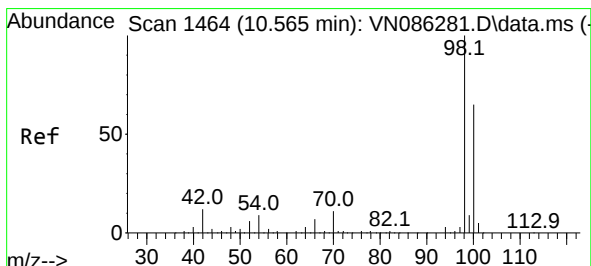
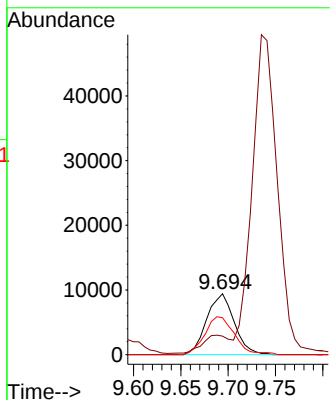
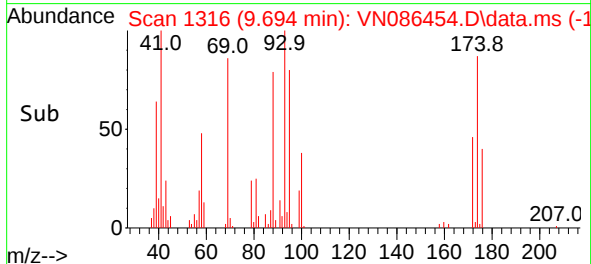
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



Tgt Ion: 88 Resp: 1905
Ion Ratio Lower Upper
88 100
43 32.3 23.8 35.8
58 67.0 57.4 86.2

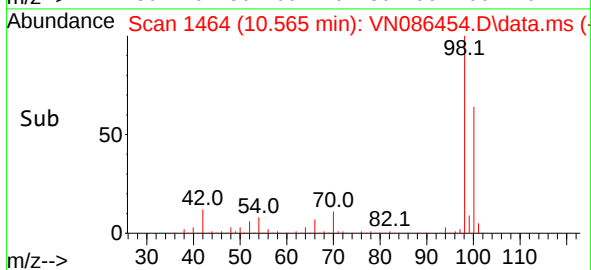
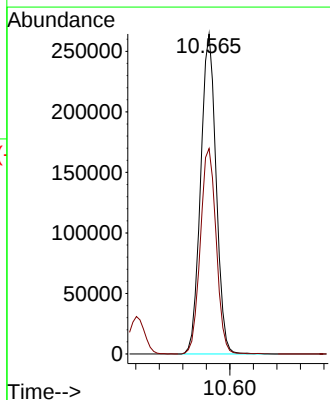
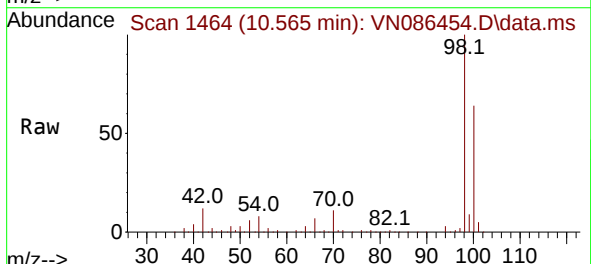
Manual Integrations
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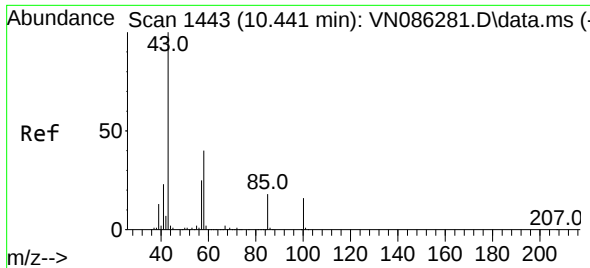
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#50
Toluene-d8
Concen: 52.443 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

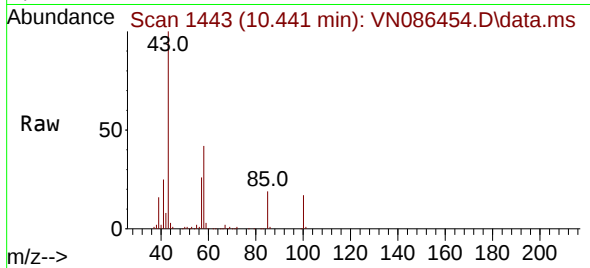
Tgt Ion: 98 Resp: 484267
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 88.980 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

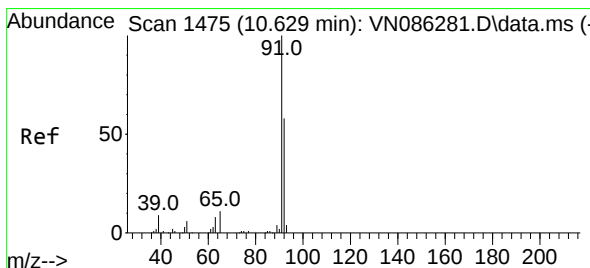
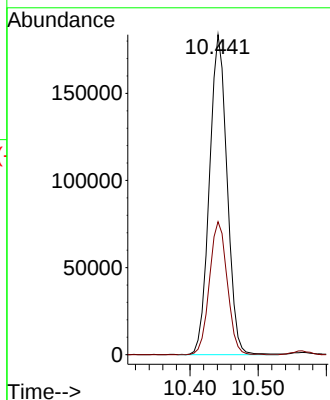
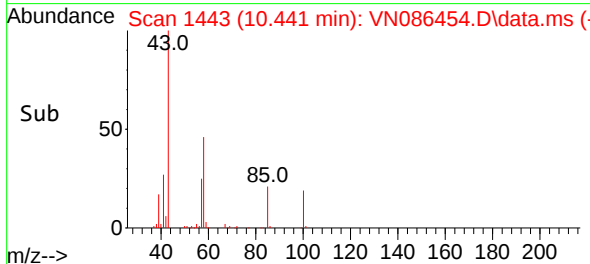
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



Tgt Ion: 43 Resp: 331039
Ion Ratio Lower Upper
43 100
58 41.9 32.2 48.4

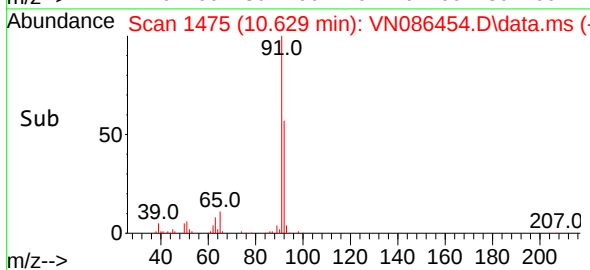
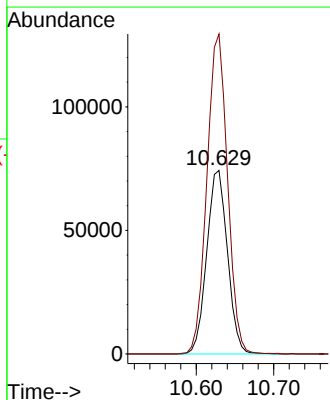
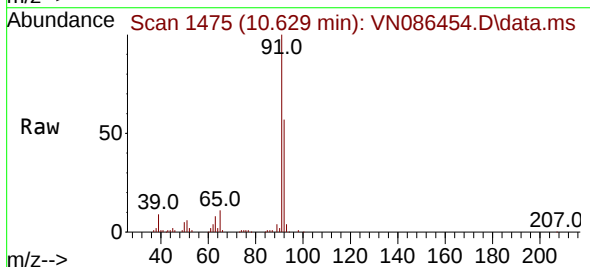
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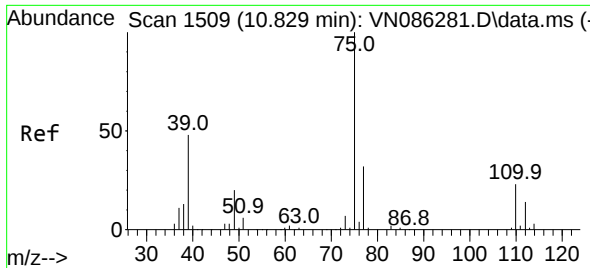
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#52
Toluene
Concen: 20.052 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

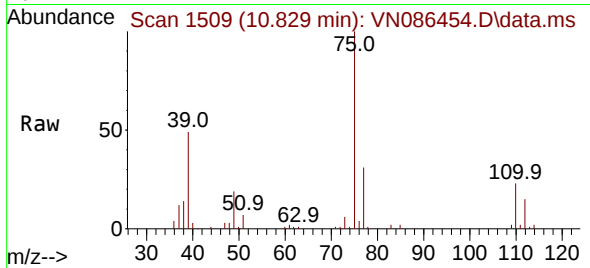
Tgt Ion: 92 Resp: 138339
Ion Ratio Lower Upper
92 100
91 173.3 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 19.783 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

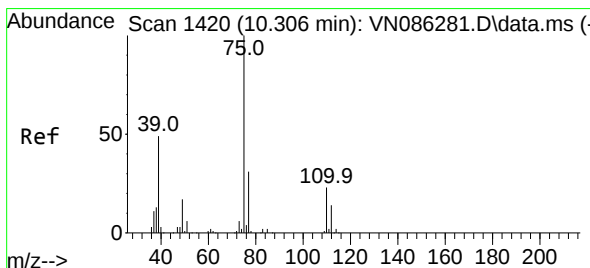
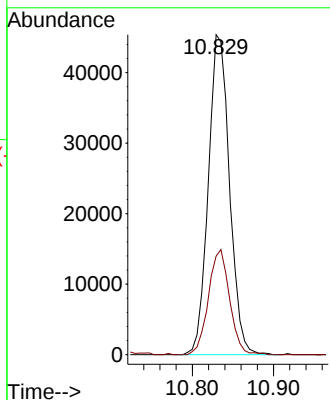
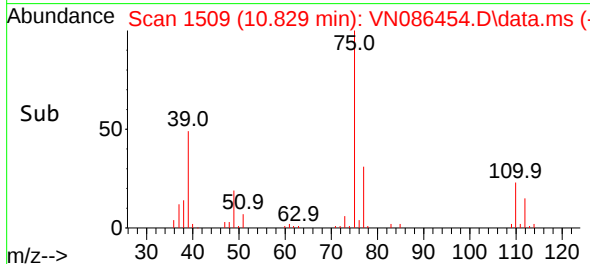
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



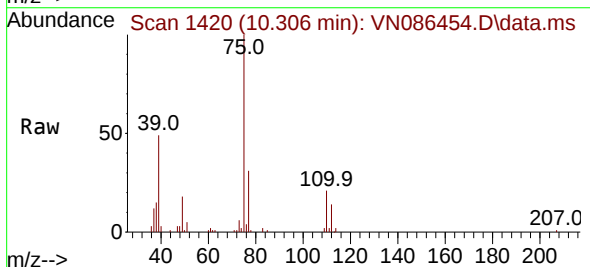
Tgt Ion: 75 Resp: 82248
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0

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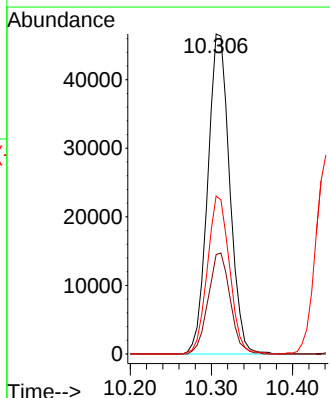
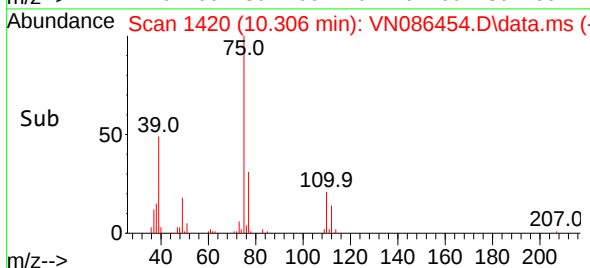
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

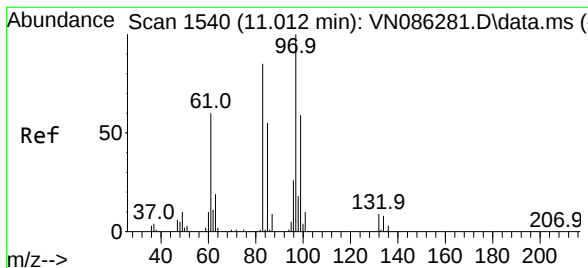


#54
cis-1,3-Dichloropropene
Concen: 19.183 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26



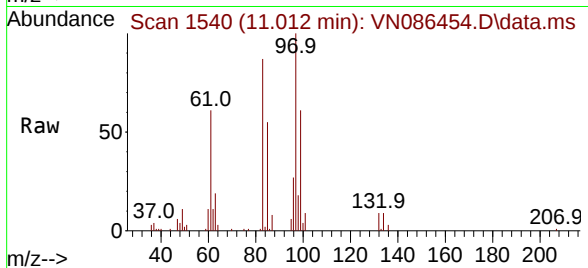
Tgt Ion: 75 Resp: 87598
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8
39 49.3 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 20.297 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

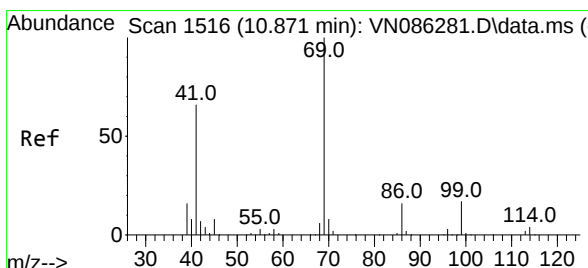
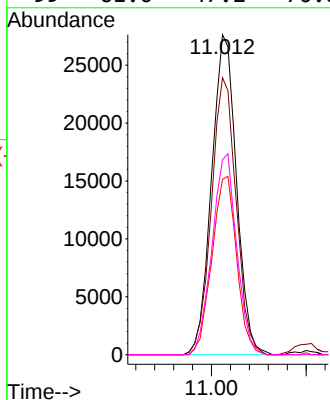
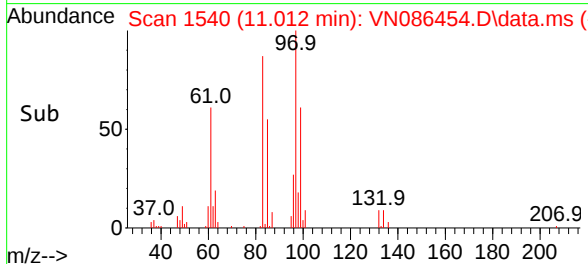
Instrument : MSVOA_N
ClientSampleId : VN0502WBS01



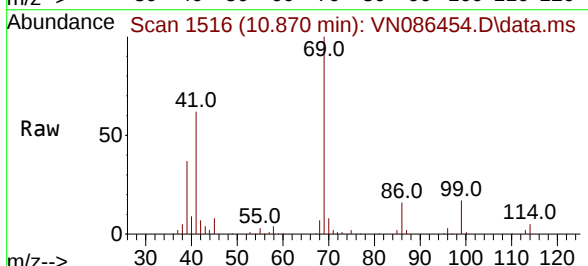
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.6	68.4	102.6
85	54.8	43.9	65.9
99	61.0	47.2	70.8

Manual Integrations
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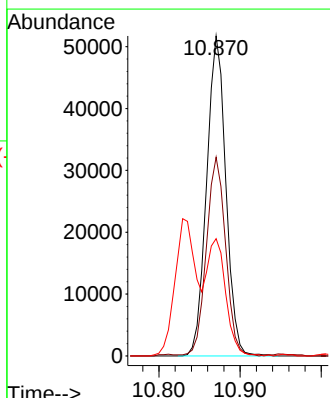
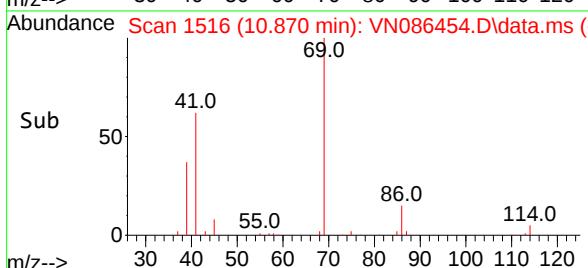
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

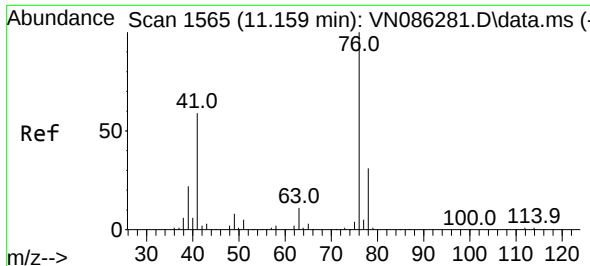


#56
Ethyl methacrylate
Concen: 18.620 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26



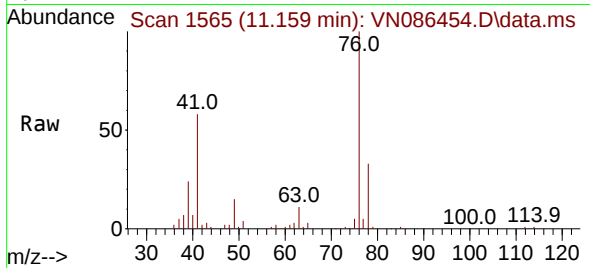
Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.3	51.7	77.5
39	35.9	26.3	39.5





#57
1,3-Dichloropropane
Concen: 19.947 ug/l
RT: 11.159 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

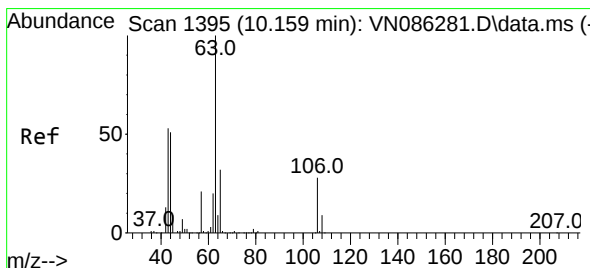
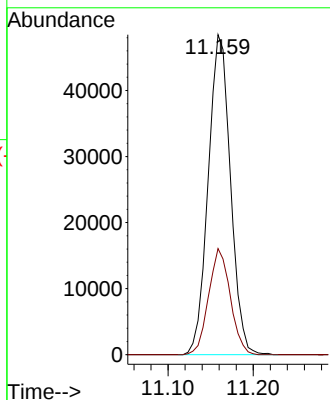
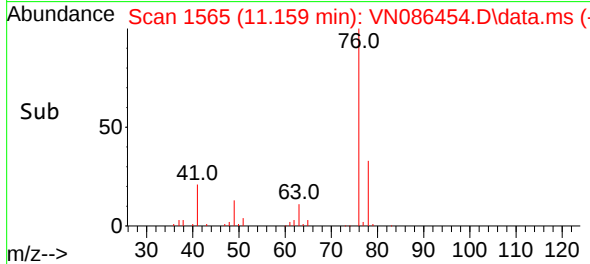
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



Tgt Ion: 76 Resp: 87840
Ion Ratio Lower Upper
76 100
78 32.3 25.6 38.4

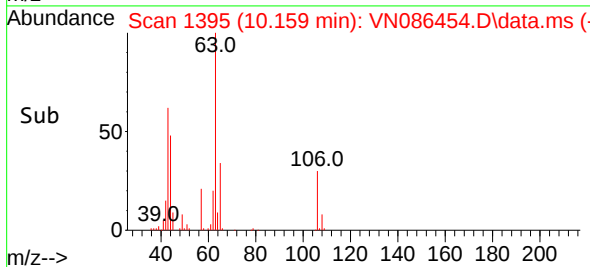
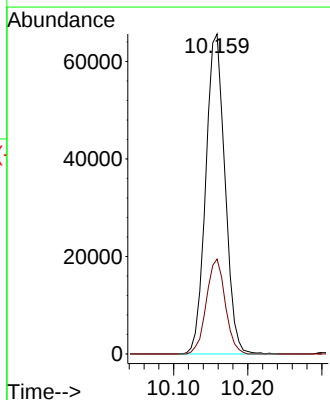
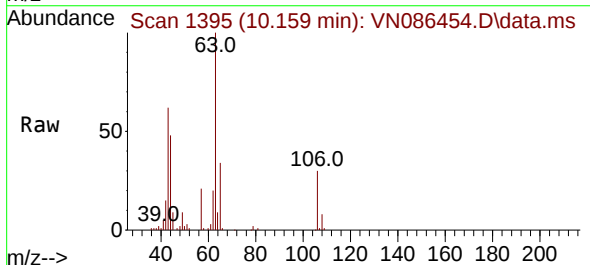
Manual Integrations
APPROVED

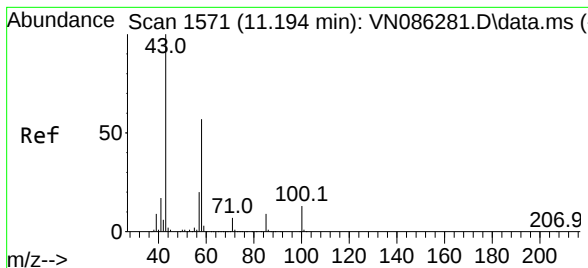
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#58
2-Chloroethyl Vinyl ether
Concen: 54.632 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

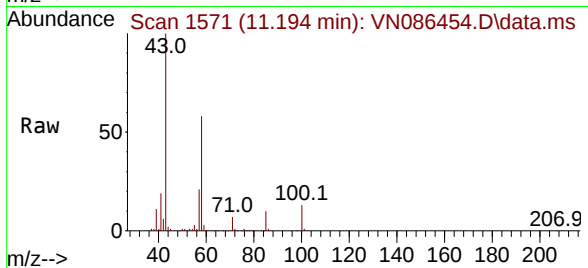
Tgt Ion: 63 Resp: 118312
Ion Ratio Lower Upper
63 100
106 29.2 22.2 33.2





#59
2-Hexanone
Concen: 88.040 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

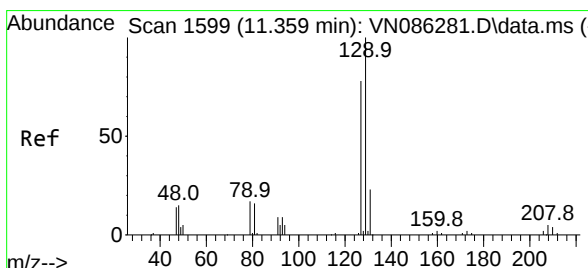
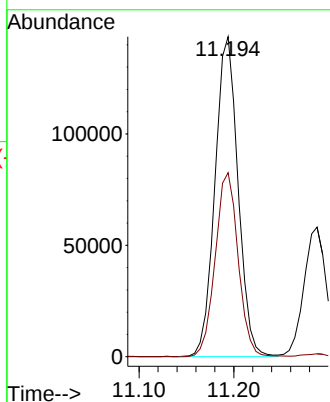
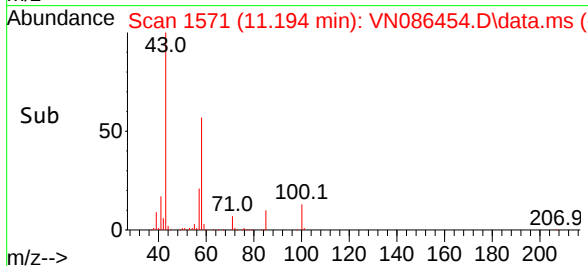
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



Tgt Ion: 43 Resp: 242948
Ion Ratio Lower Upper
43 100
58 57.2 28.3 85.0

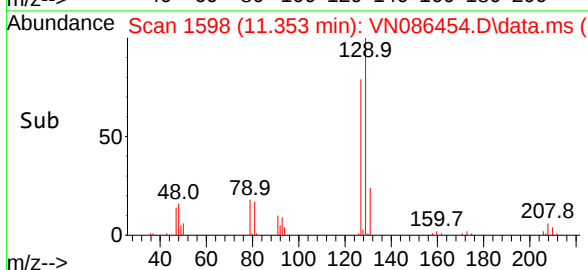
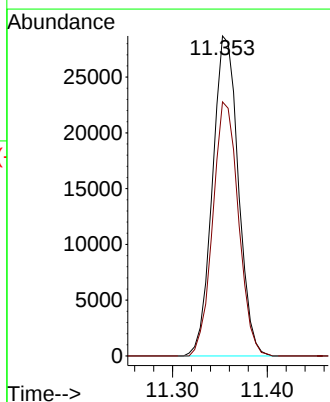
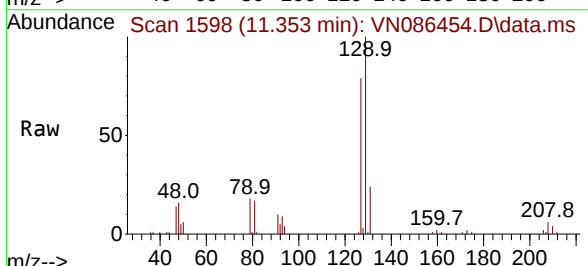
Manual Integrations
APPROVED

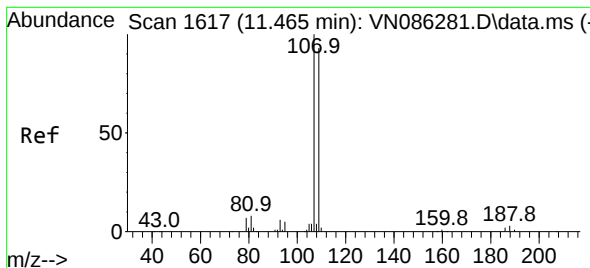
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#60
Dibromochloromethane
Concen: 19.924 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

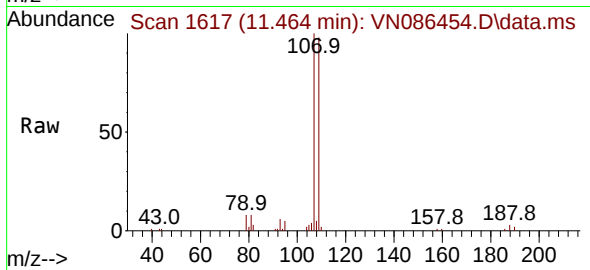
Tgt Ion:129 Resp: 54306
Ion Ratio Lower Upper
129 100
127 78.9 38.7 116.1





#61
1,2-Dibromoethane
Concen: 20.191 ug/l
RT: 11.464 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

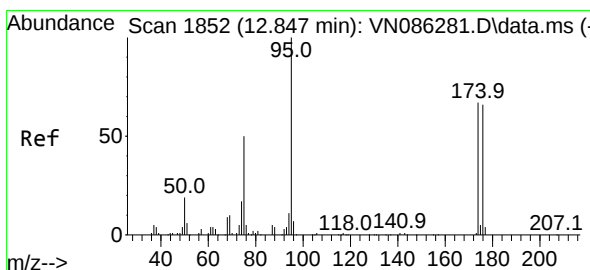
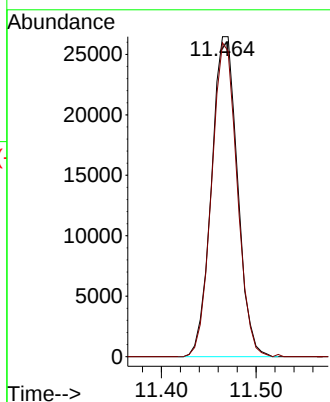
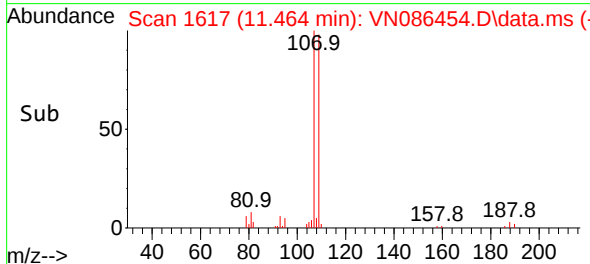
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



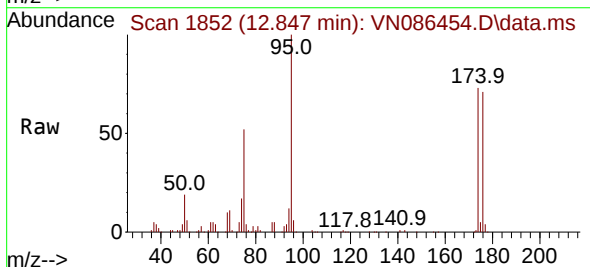
Tgt Ion:107 Resp: 50570
Ion Ratio Lower Upper
107 100
109 96.1 75.4 113.0

Manual Integrations
APPROVED

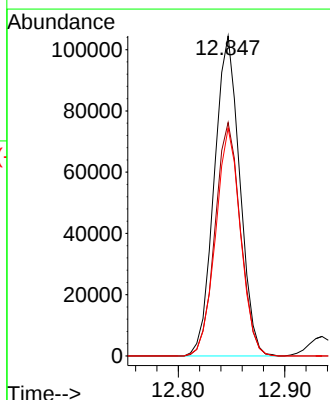
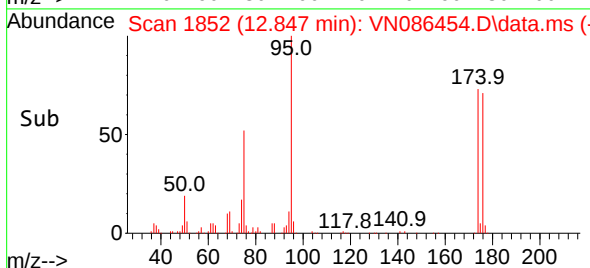
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

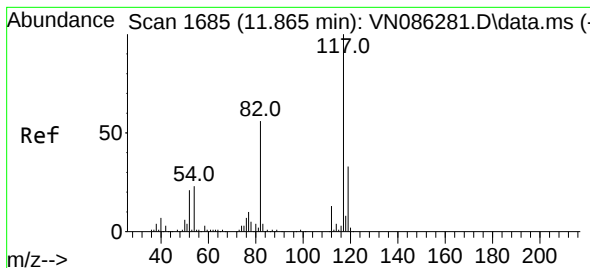


#62
4-Bromofluorobenzene
Concen: 51.537 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26



Tgt Ion: 95 Resp: 173581
Ion Ratio Lower Upper
95 100
174 72.4 0.0 133.4
176 69.5 0.0 129.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.864 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086454.D

Acq: 02 May 2025 11:26

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBS01

Tgt Ion:117 Resp: 33468

Ion Ratio Lower Upper

117 100

82 54.8 44.7 67.1

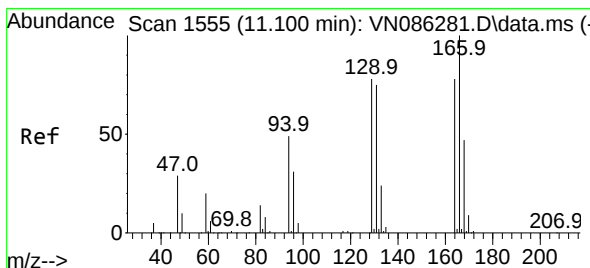
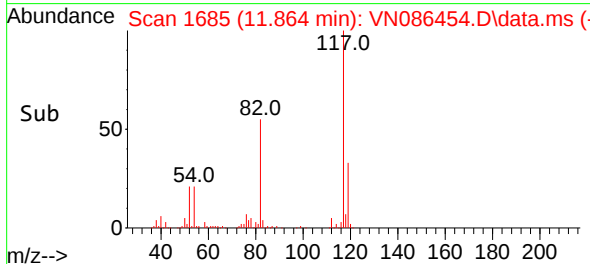
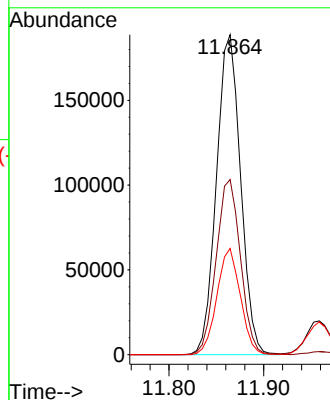
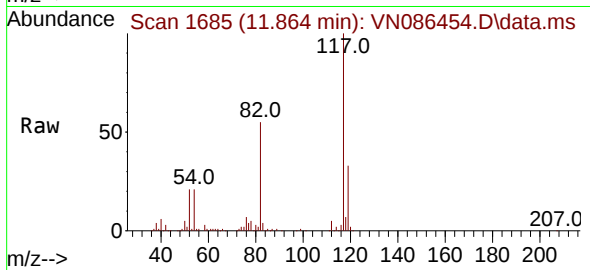
119 33.2 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#64

Tetrachloroethene

Concen: 20.558 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN086454.D

Acq: 02 May 2025 11:26

Tgt Ion:164 Resp: 52924

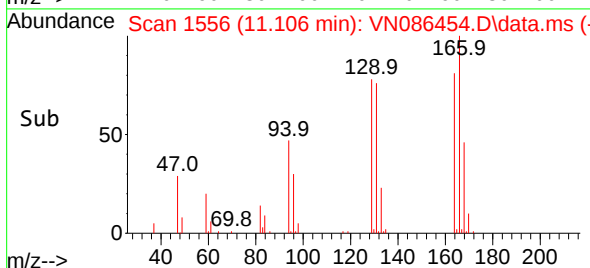
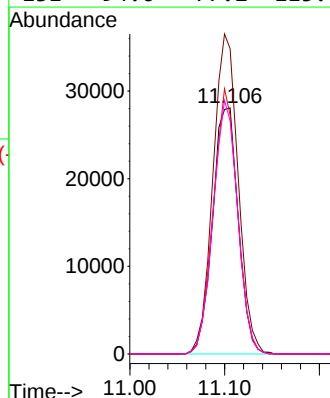
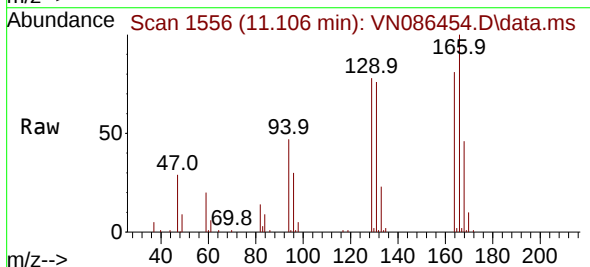
Ion Ratio Lower Upper

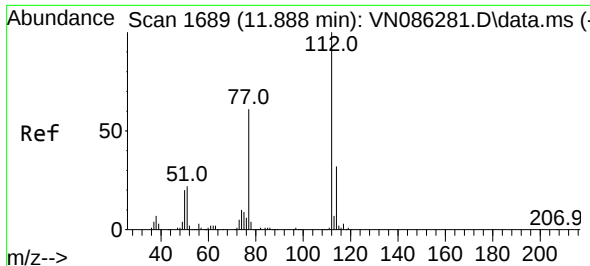
164 100

166 124.0 103.0 154.4

129 97.0 80.1 120.1

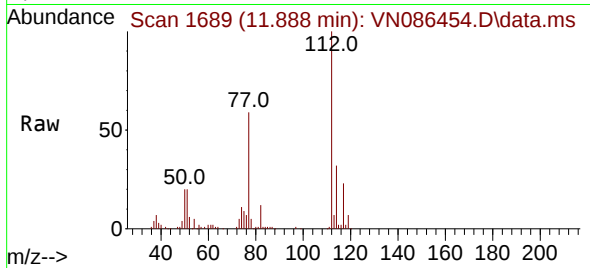
131 94.6 77.2 115.8





#65
Chlorobenzene
Concen: 20.005 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

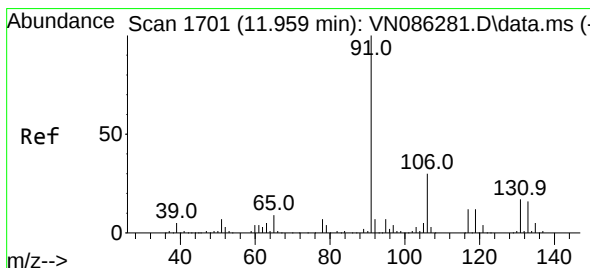
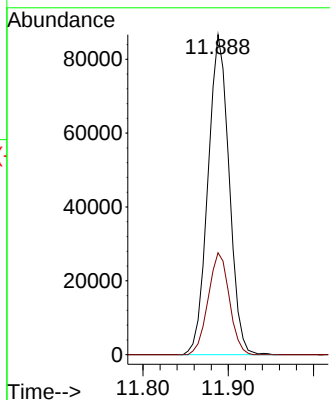
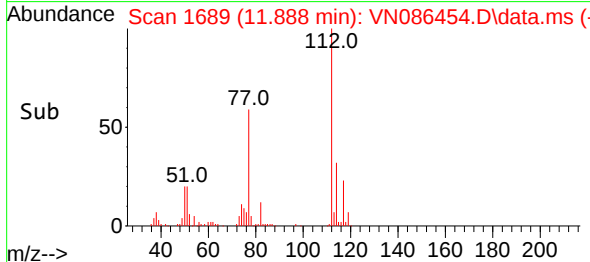
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



Tgt Ion:112 Resp: 149414
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

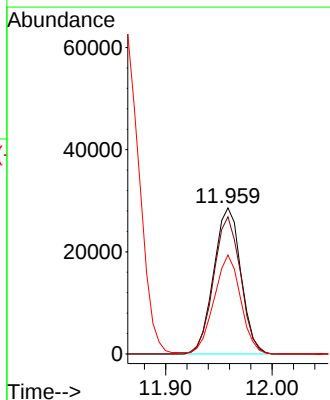
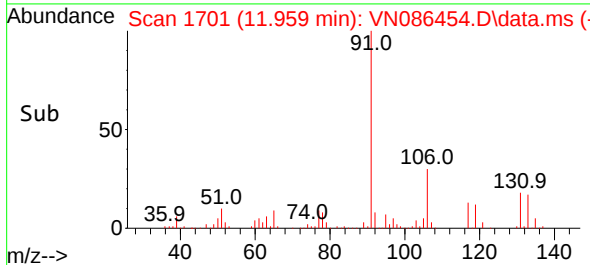
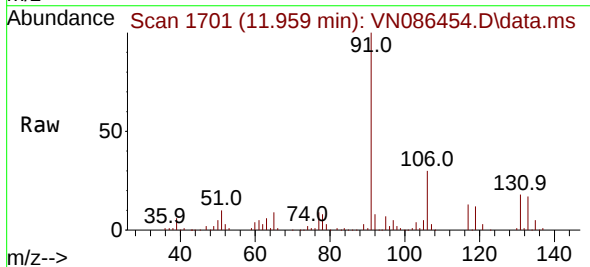
Manual Integrations
APPROVED

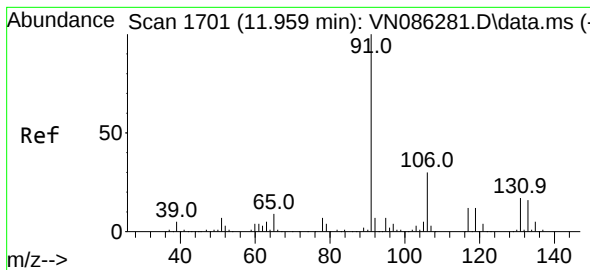
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.595 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

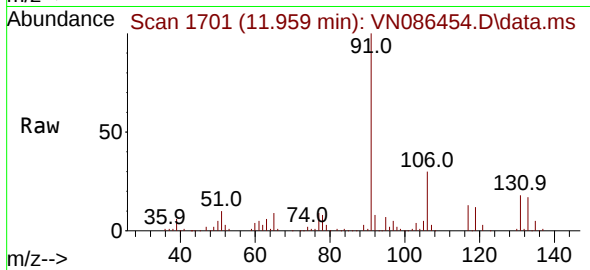
Tgt Ion:131 Resp: 50746
Ion Ratio Lower Upper
131 100
133 93.5 47.1 141.3
119 66.3 33.8 101.4





#67
Ethyl Benzene
Concen: 19.869 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

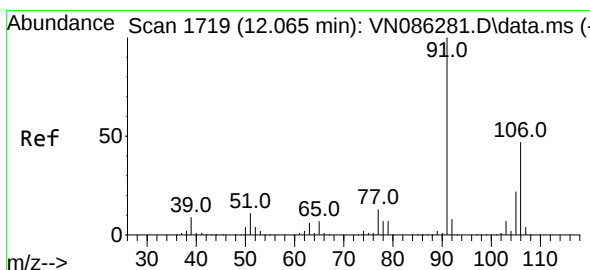
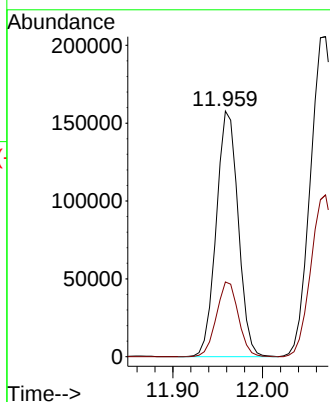
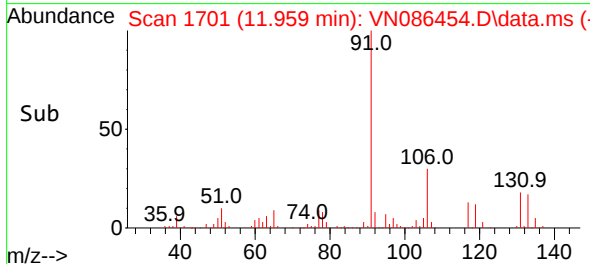
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



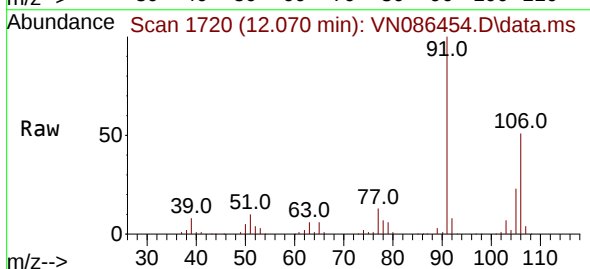
Tgt Ion: 91 Resp: 267790
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5

Manual Integrations
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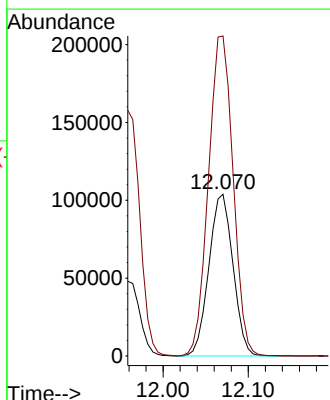
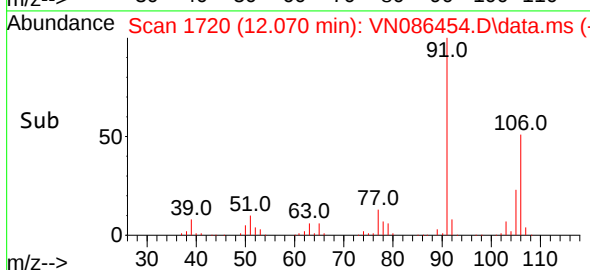
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

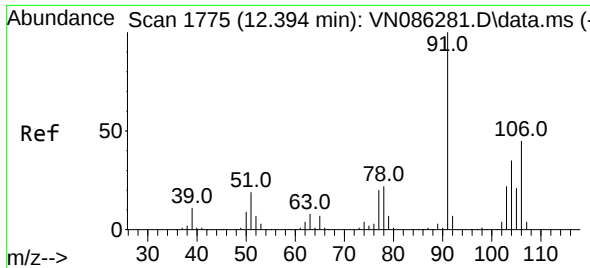


#68
m/p-Xylenes
Concen: 40.396 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26



Tgt Ion:106 Resp: 204005
Ion Ratio Lower Upper
106 100
91 202.7 166.5 249.7





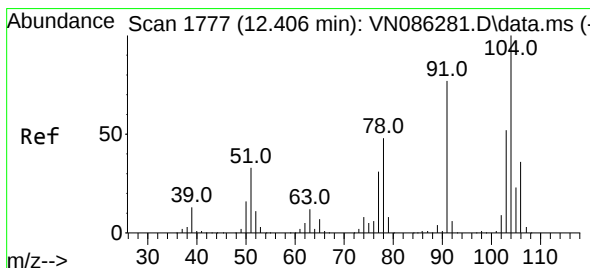
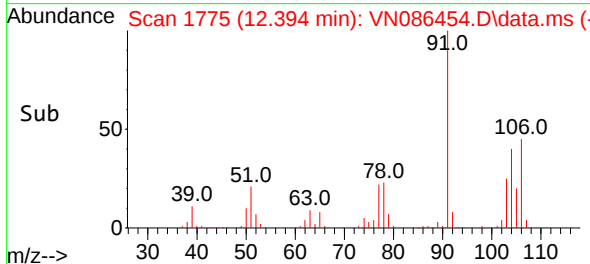
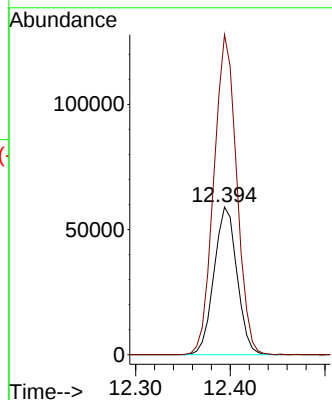
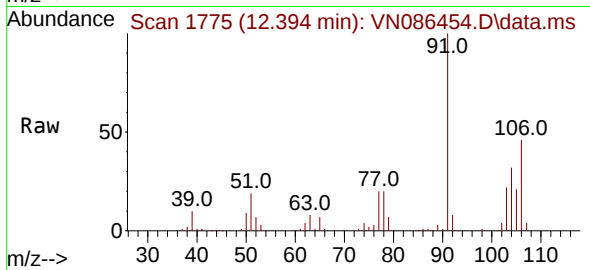
#69
o-Xylene
Concen: 19.934 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01

Tgt Ion:106 Resp: 9955
Ion Ratio Lower Upper
106 100
91 215.4 109.7 329.0

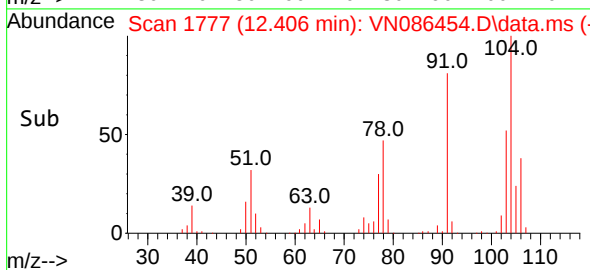
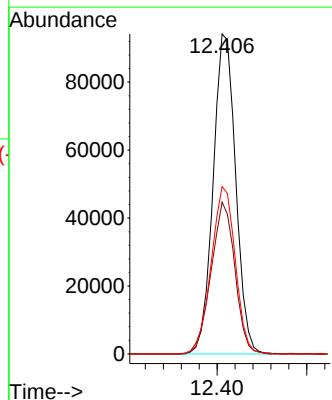
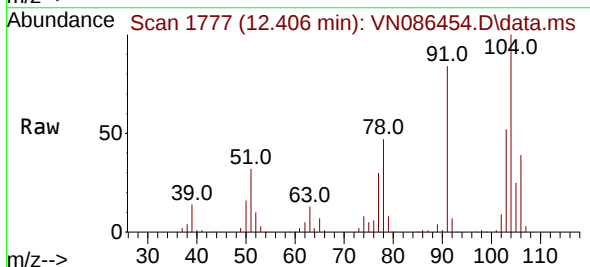
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#70
Styrene
Concen: 19.753 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

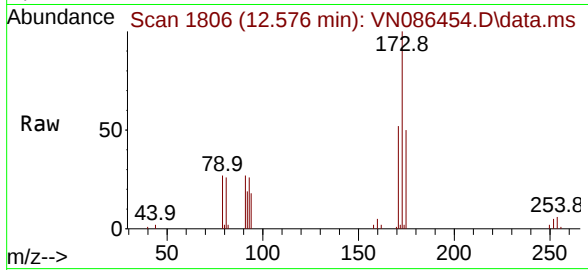
Tgt Ion:104 Resp: 164379
Ion Ratio Lower Upper
104 100
78 50.1 40.6 61.0
103 55.7 43.6 65.4





#71
Bromoform
Concen: 19.760 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

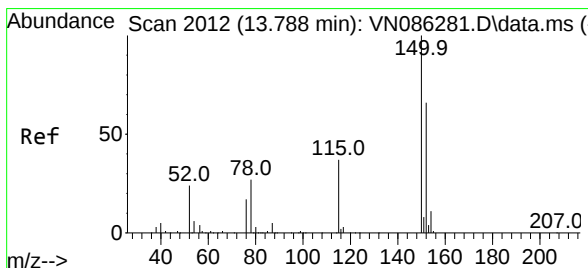
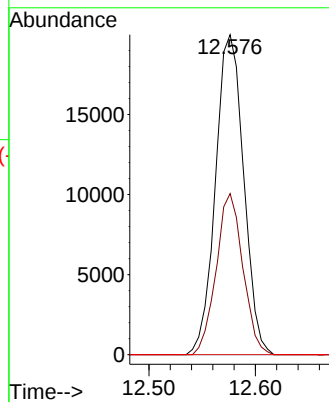
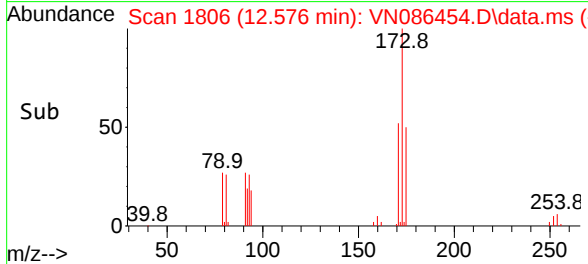
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



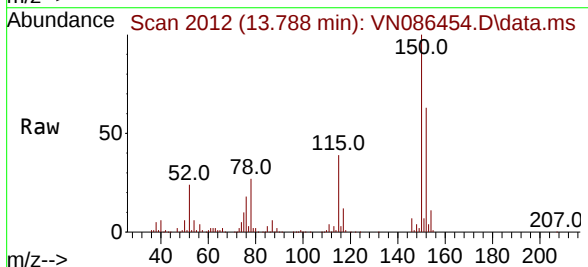
Tgt Ion:173 Resp: 3665
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
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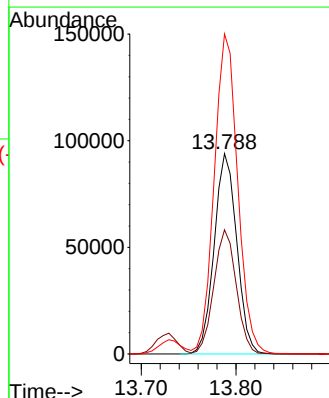
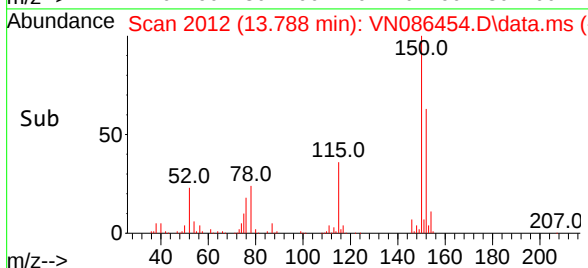
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

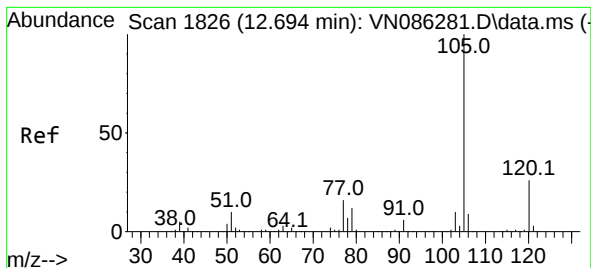


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26



Tgt Ion:152 Resp: 155592
Ion Ratio Lower Upper
152 100
115 61.5 31.9 95.9
150 165.9 0.0 352.0





#73

Isopropylbenzene

Concen: 19.334 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086454.D

Acq: 02 May 2025 11:26

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBS01

Tgt Ion:105 Resp: 24608

Ion Ratio Lower Upper

105 100

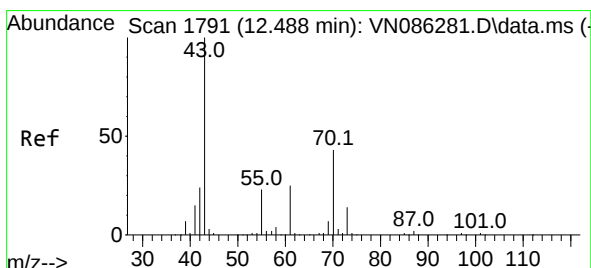
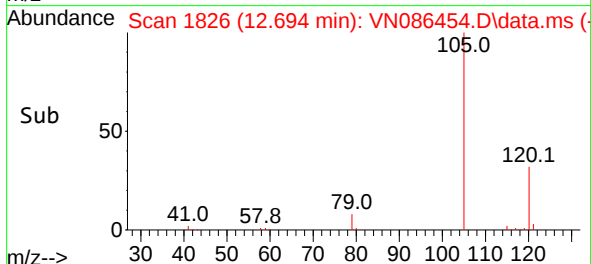
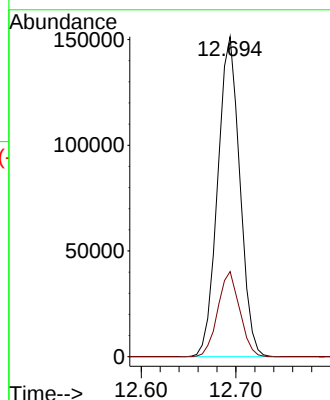
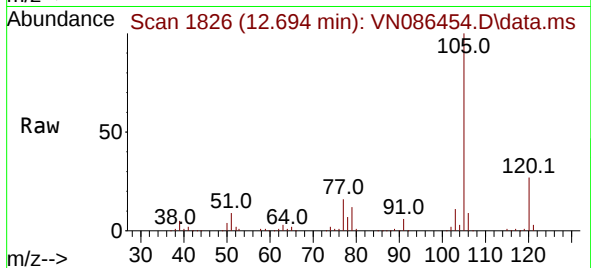
120 26.3 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#74

N-ethyl acetate

Concen: 16.377 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN086454.D

Acq: 02 May 2025 11:26

Tgt Ion: 43 Resp: 103766

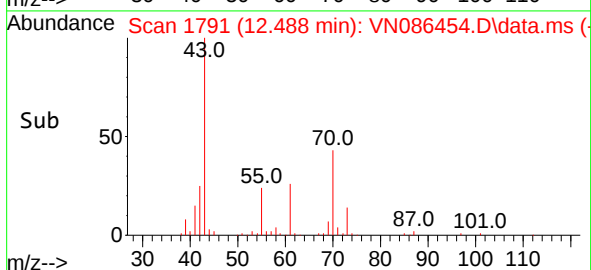
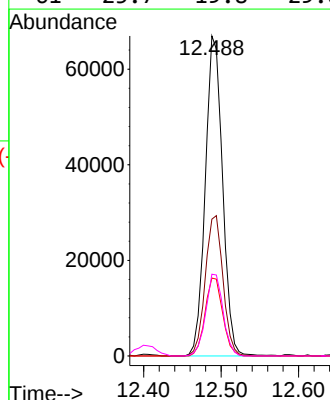
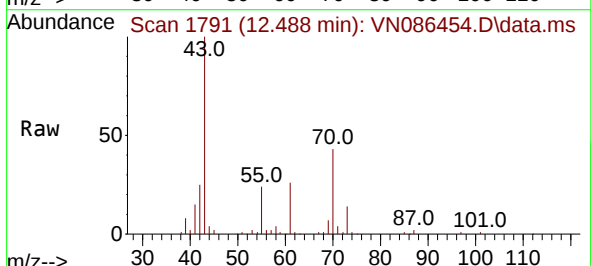
Ion Ratio Lower Upper

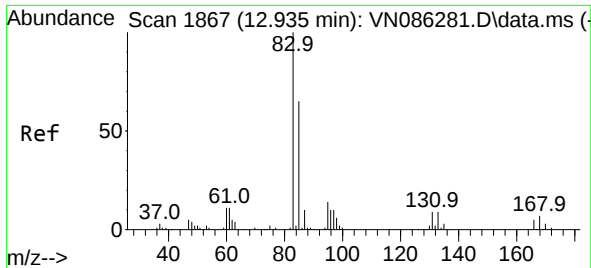
43 100

70 45.0 35.0 52.4

55 24.8 19.0 28.4

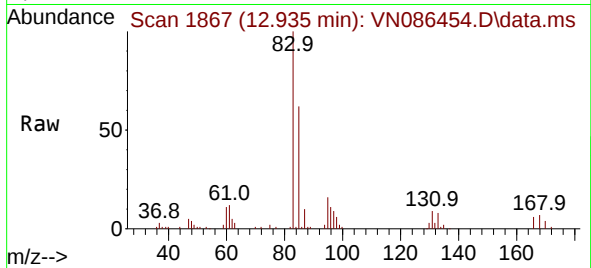
61 25.7 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 18.879 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

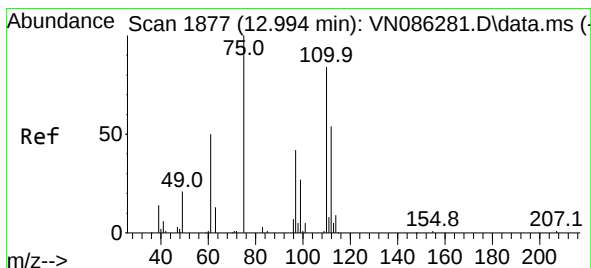
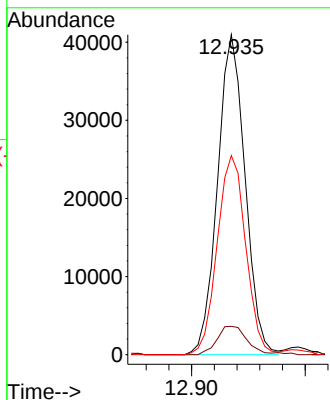
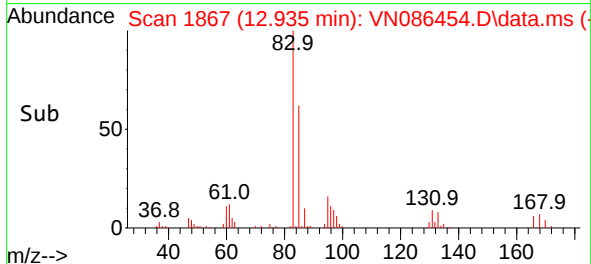
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



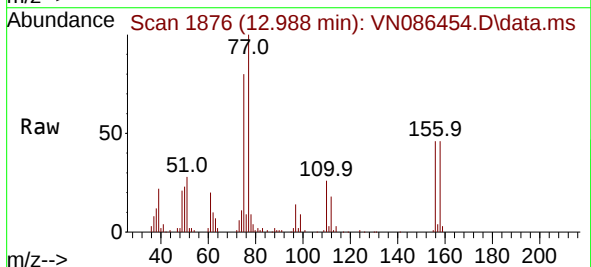
Tgt Ion: 83 Resp: 69090
Ion Ratio Lower Upper
83 100
131 9.9 4.7 14.1
85 64.3 32.7 98.1

Manual Integrations
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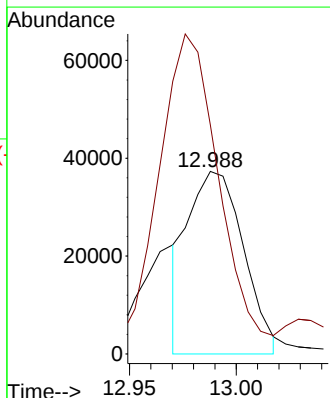
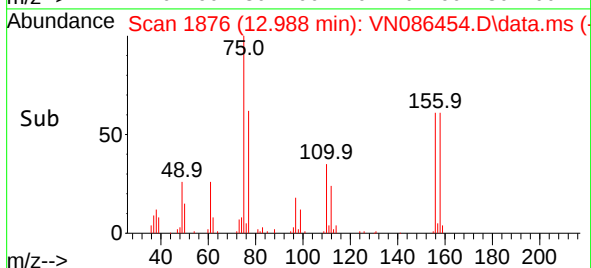
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

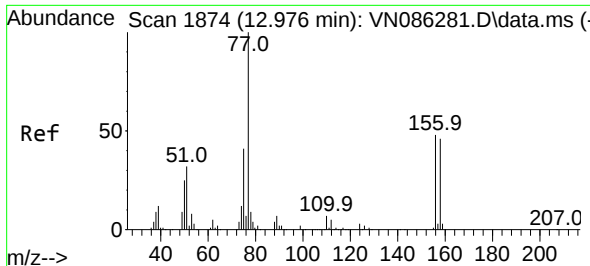


#76
1,2,3-Trichloropropane
Concen: 18.350 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26



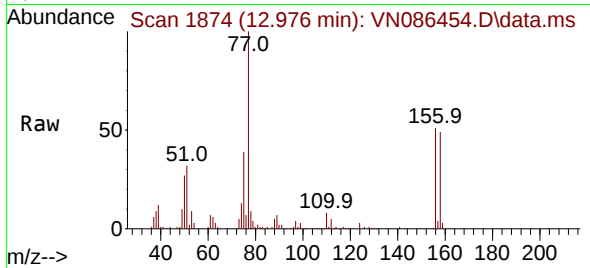
Tgt Ion: 75 Resp: 67376
Ion Ratio Lower Upper
75 100
77 193.7 98.8 296.4





#77
Bromobenzene
Concen: 20.259 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

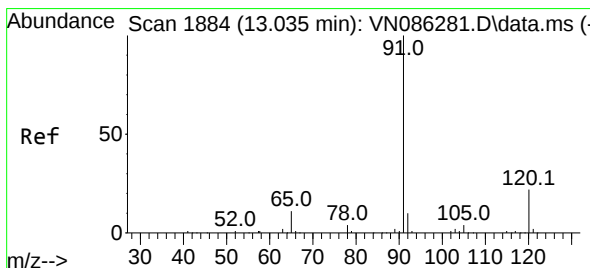
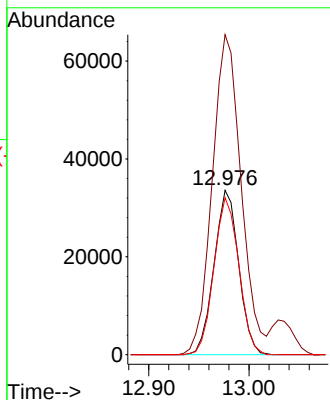
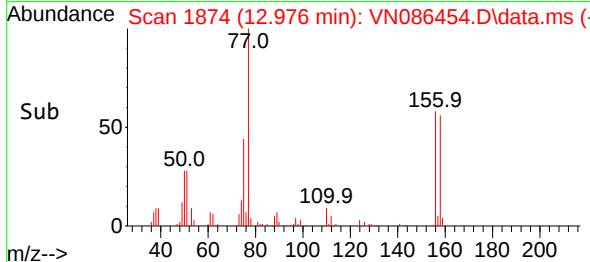
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



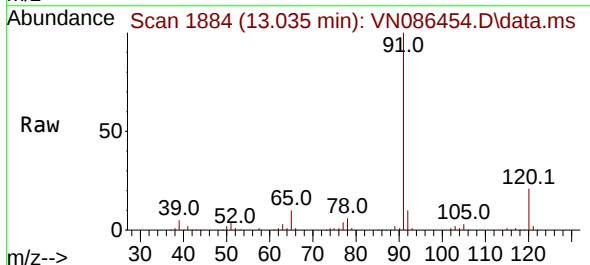
Tgt Ion:156 Resp: 5713
Ion Ratio Lower Upper
156 100
77 228.4 121.1 363.1
158 96.5 47.9 143.6

Manual Integrations
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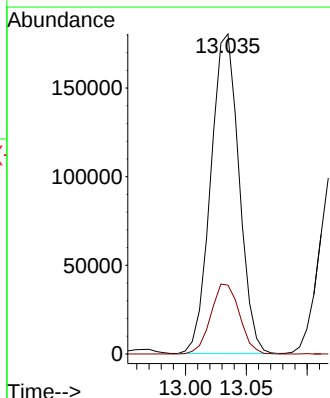
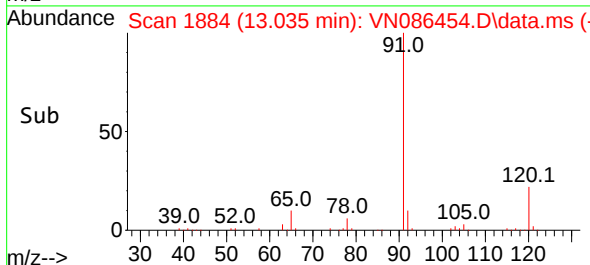
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

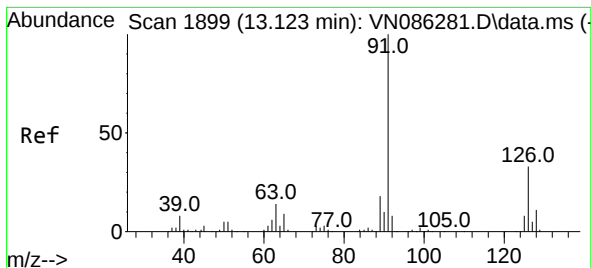


#78
n-propylbenzene
Concen: 19.450 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26



Tgt Ion: 91 Resp: 291710
Ion Ratio Lower Upper
91 100
120 22.2 11.1 33.3





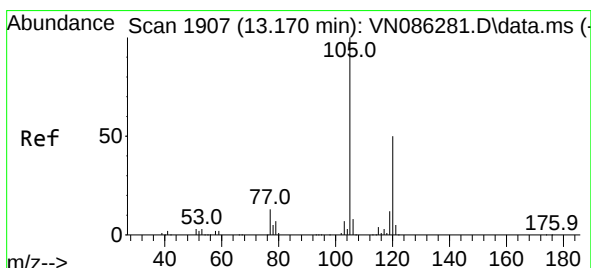
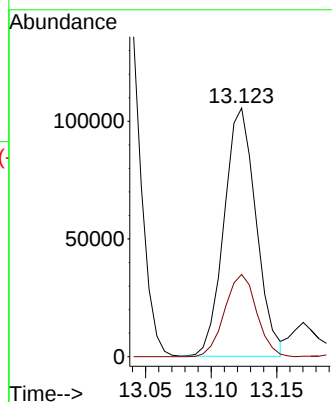
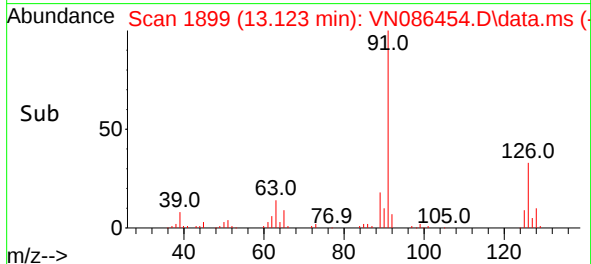
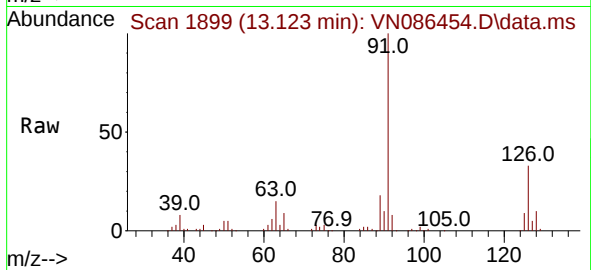
#79
2-Chlorotoluene
Concen: 19.105 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01

Tgt Ion: 91 Resp: 179302
Ion Ratio Lower Upper
91 100
126 33.0 16.1 48.2

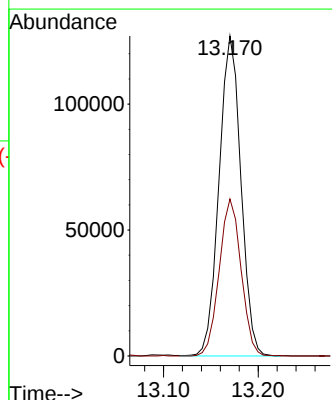
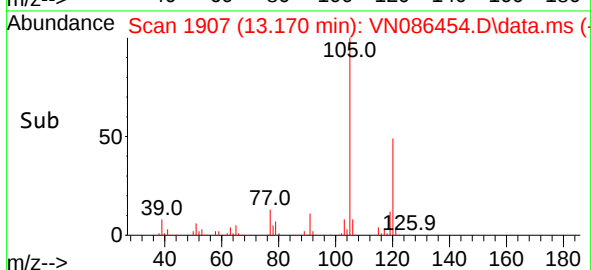
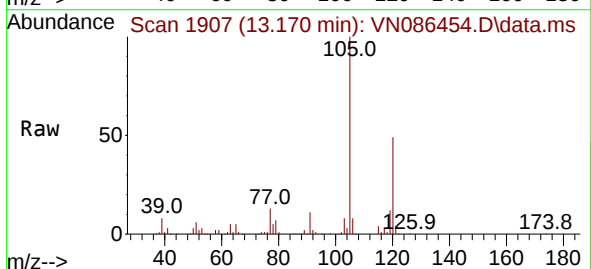
Manual Integrations
APPROVED

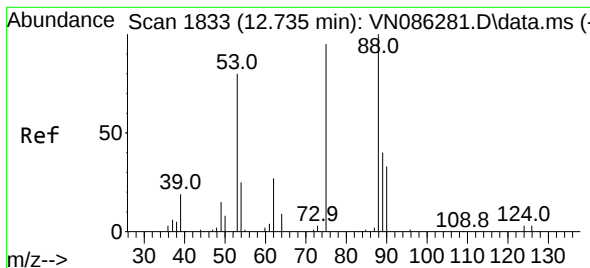
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.586 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

Tgt Ion:105 Resp: 204033
Ion Ratio Lower Upper
105 100
120 49.0 24.5 73.5





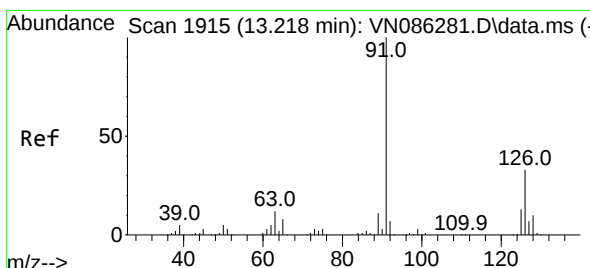
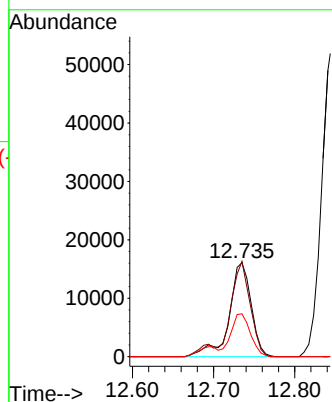
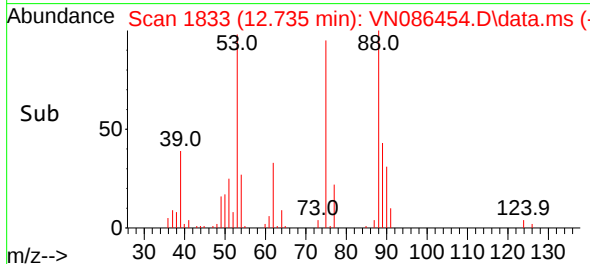
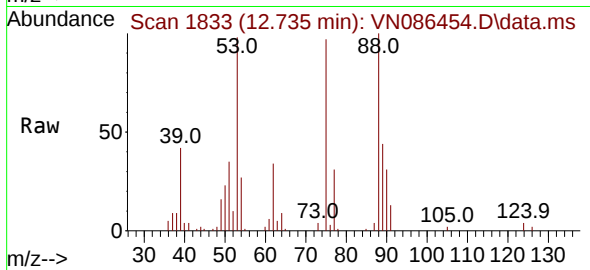
#81
trans-1,4-Dichloro-2-butene
Concen: 19.792 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01

Tgt Ion: 75 Resp: 30259
Ion Ratio Lower Upper
75 100
53 87.6 79.2 118.8
89 40.9 35.7 53.5

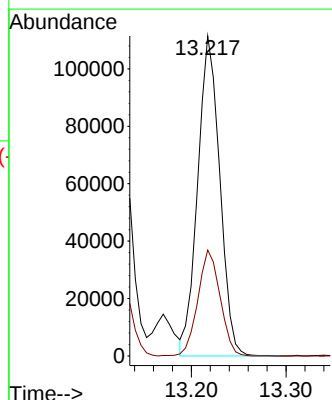
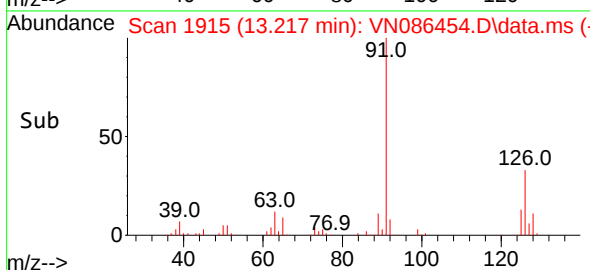
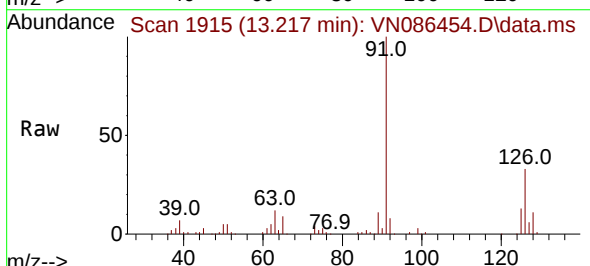
Manual Integrations
APPROVED

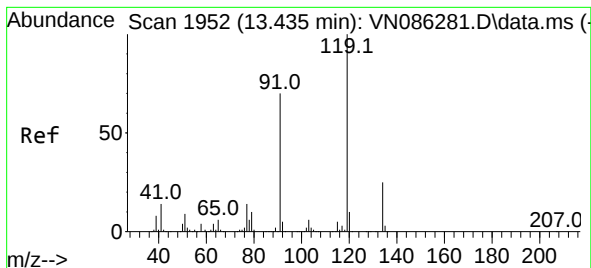
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#82
4-Chlorotoluene
Concen: 19.375 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

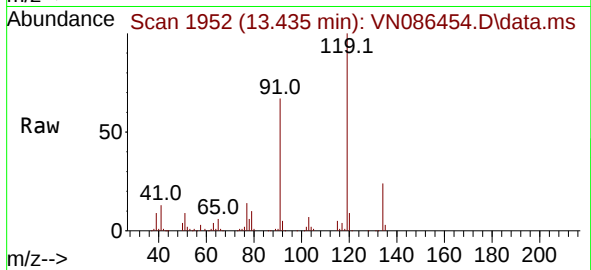
Tgt Ion: 91 Resp: 180626
Ion Ratio Lower Upper
91 100
126 33.4 16.2 48.6





#83
tert-Butylbenzene
Concen: 19.210 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

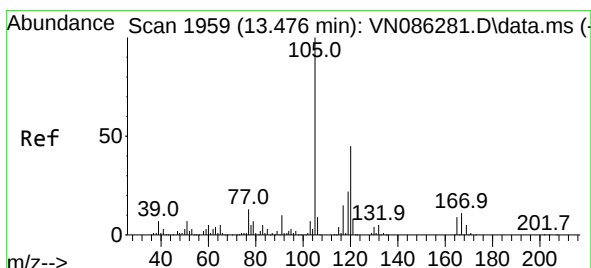
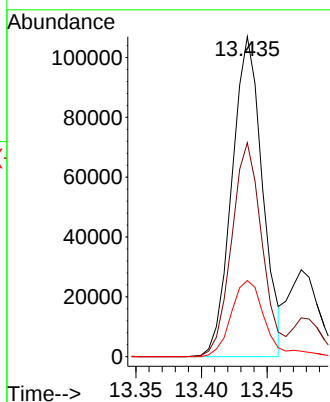
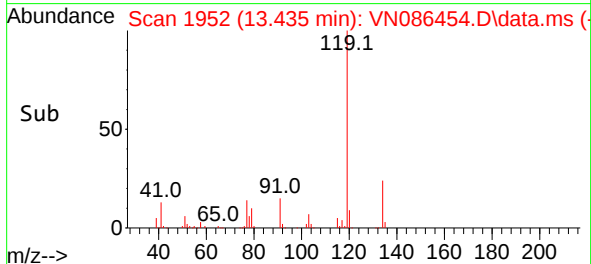
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



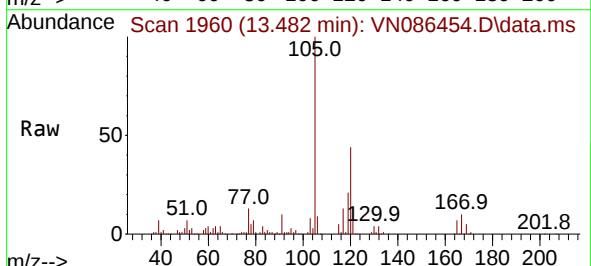
Tgt Ion:119 Resp: 173390
Ion Ratio Lower Upper
119 100
91 67.1 34.4 103.3
134 26.5 13.0 39.0

Manual Integrations
APPROVED

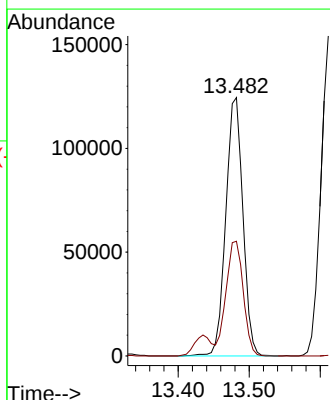
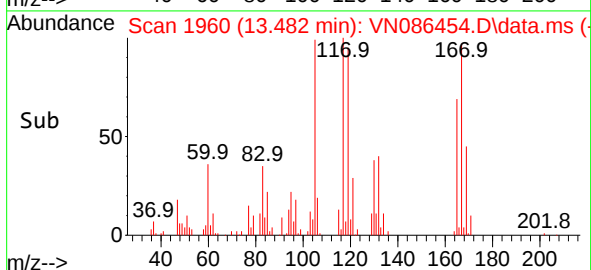
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

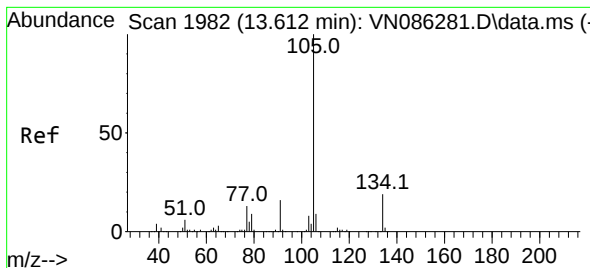


#84
1,2,4-Trimethylbenzene
Concen: 19.619 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26



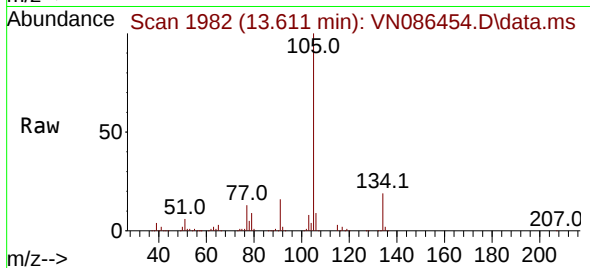
Tgt Ion:105 Resp: 208033
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.3





#85
sec-Butylbenzene
Concen: 19.898 ug/l
RT: 13.611 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

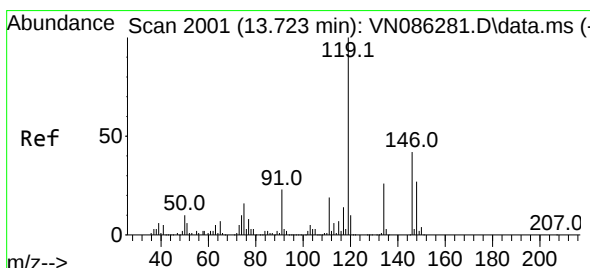
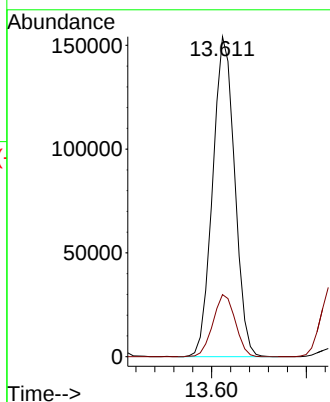
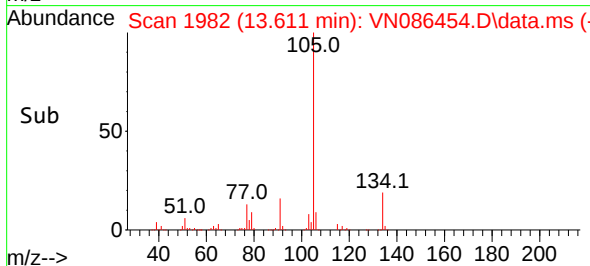
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



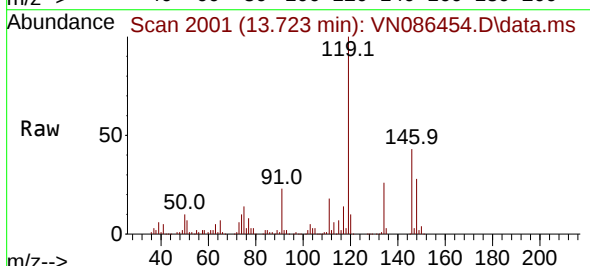
Tgt Ion:105 Resp: 249128
Ion Ratio Lower Upper
105 100
134 19.7 9.7 29.1

Manual Integrations
APPROVED

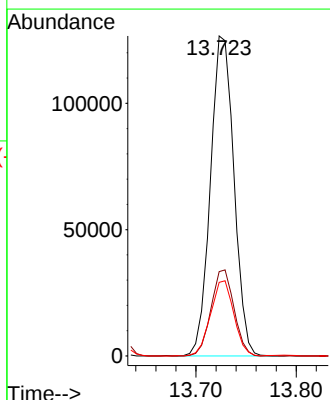
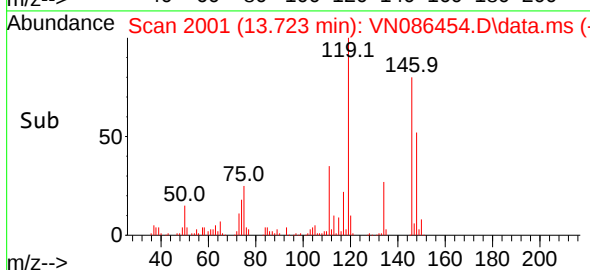
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#86
p-Isopropyltoluene
Concen: 20.010 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26



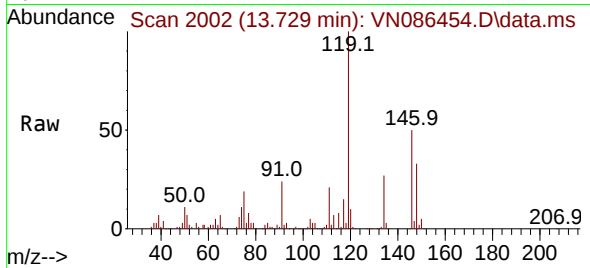
Tgt Ion:119 Resp: 206496
Ion Ratio Lower Upper
119 100
134 26.3 13.1 39.1
91 23.4 11.9 35.9





#87
1,3-Dichlorobenzene
Concen: 20.210 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

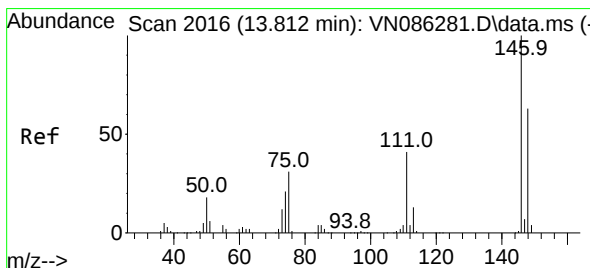
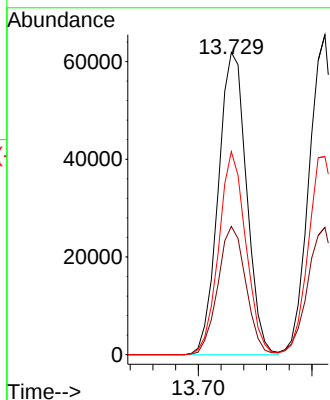
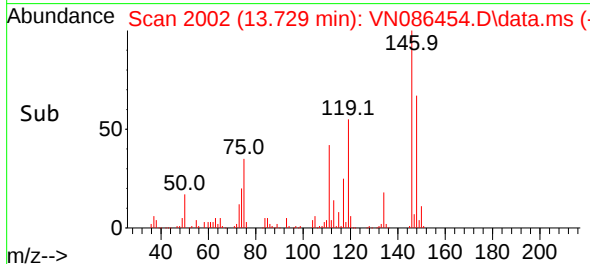
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



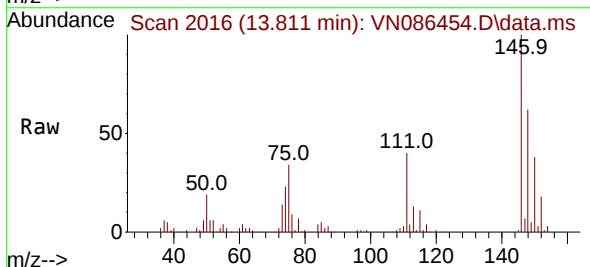
Tgt Ion:146 Resp: 10714
Ion Ratio Lower Upper
146 100
111 41.9 21.9 65.7
148 64.5 31.9 95.5

Manual Integrations
APPROVED

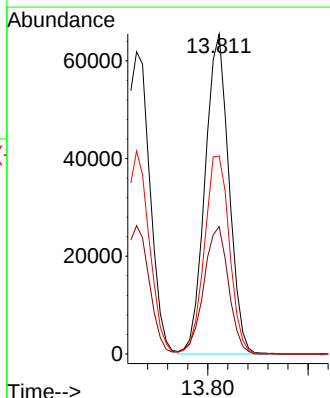
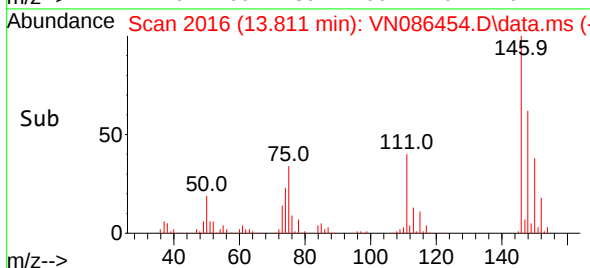
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#88
1,4-Dichlorobenzene
Concen: 20.294 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26



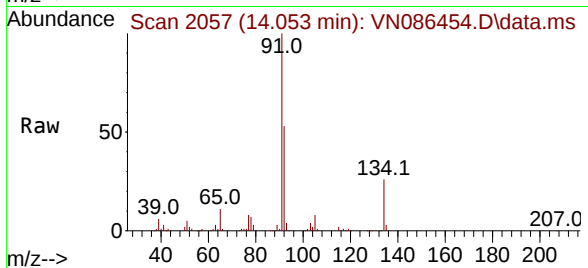
Tgt Ion:146 Resp: 108366
Ion Ratio Lower Upper
146 100
111 41.4 21.3 63.9
148 64.7 31.9 95.9





#89
n-Butylbenzene
Concen: 19.762 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

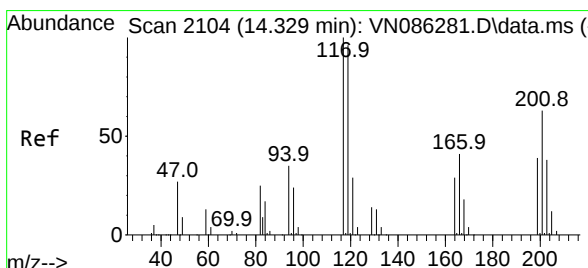
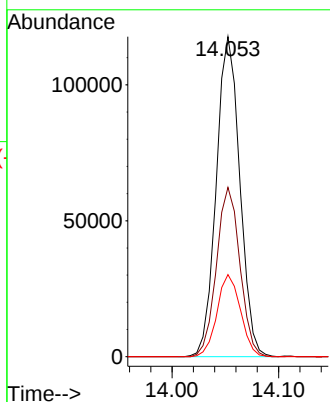
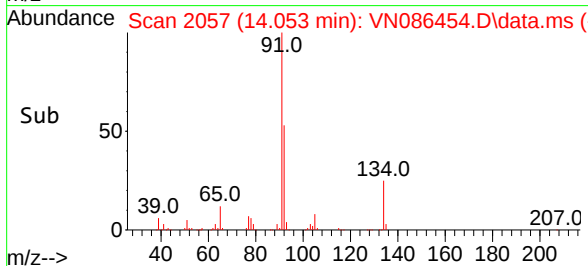
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



Tgt Ion: 91 Resp: 18077
Ion Ratio Lower Upper
91 100
92 52.6 26.8 80.4
134 25.6 12.2 36.6

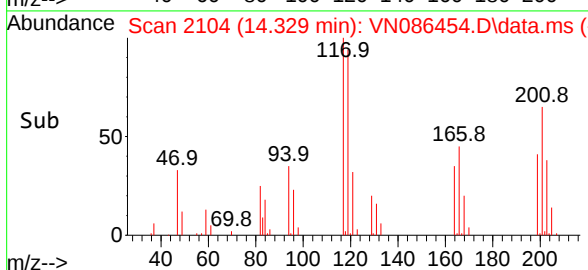
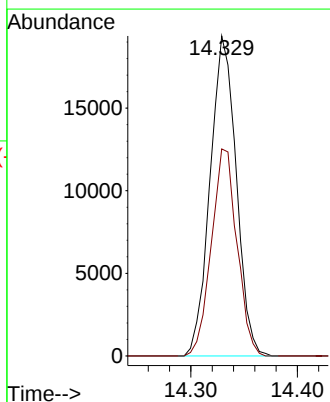
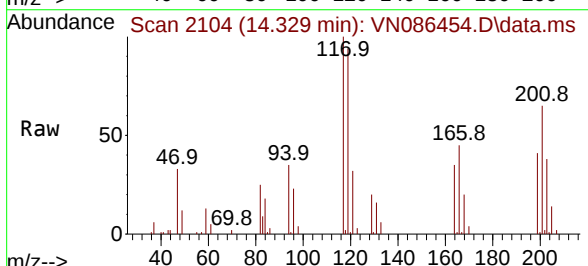
Manual Integrations
APPROVED

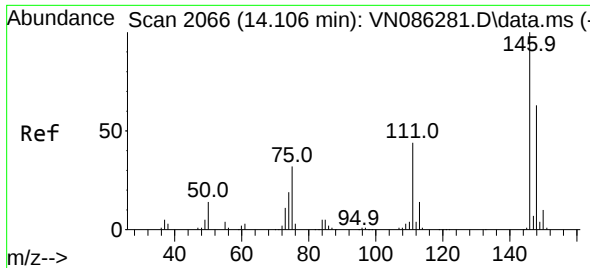
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#90
Hexachloroethane
Concen: 19.042 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

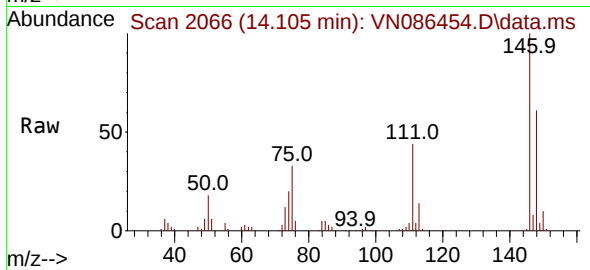
Tgt Ion:117 Resp: 33053
Ion Ratio Lower Upper
117 100
201 63.3 31.4 94.2





#91
1,2-Dichlorobenzene
Concen: 20.268 ug/l
RT: 14.105 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

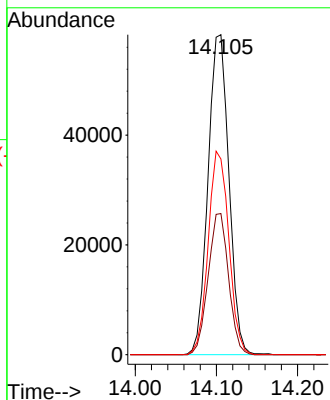
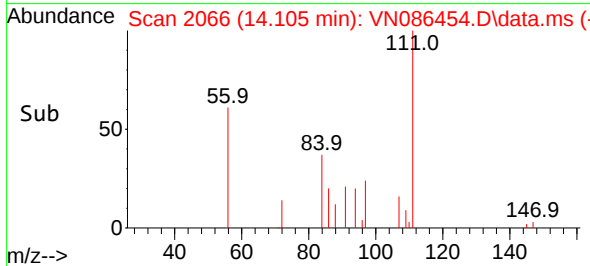
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



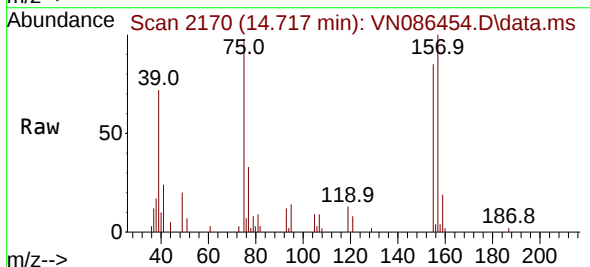
Tgt Ion:146 Resp: 104174
Ion Ratio Lower Upper
146 100
111 43.2 22.4 67.0
148 62.8 31.8 95.4

Manual Integrations
APPROVED

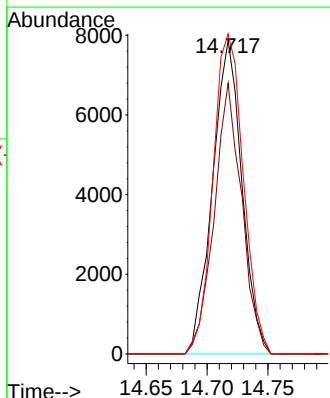
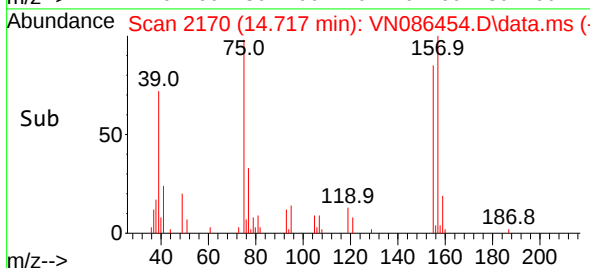
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

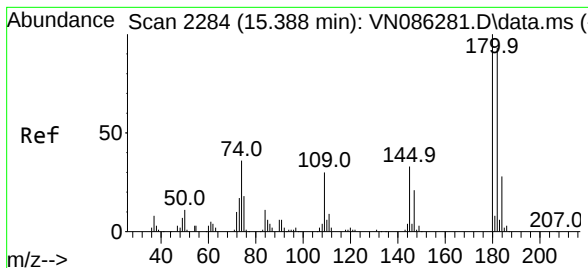


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.913 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26



Tgt Ion: 75 Resp: 13218
Ion Ratio Lower Upper
75 100
155 80.6 40.3 120.9
157 105.4 49.0 147.2





#93

1,2,4-Trichlorobenzene

Concen: 20.410 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086454.D

Acq: 02 May 2025 11:26

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBS01

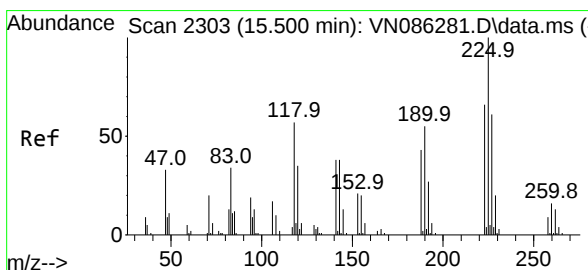
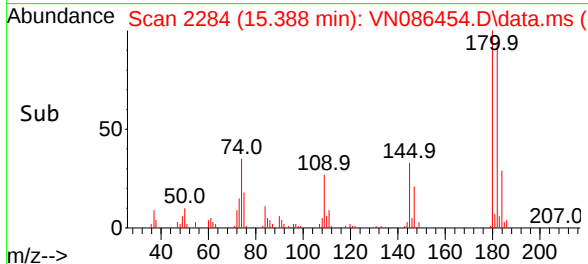
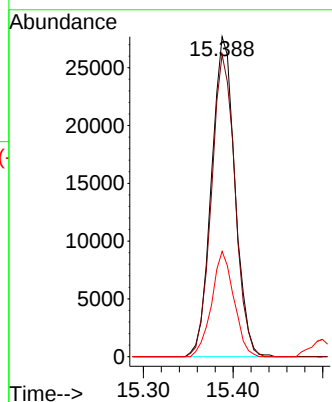
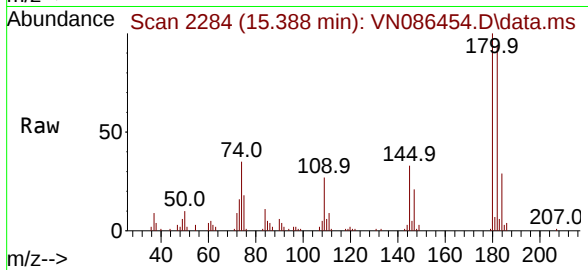
Tgt Ion:	180	Resp:	5023
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.0	141.0
145	31.1	16.4	49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#94

Hexachlorobutadiene

Concen: 21.383 ug/l

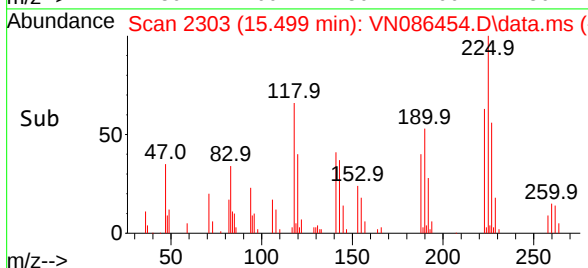
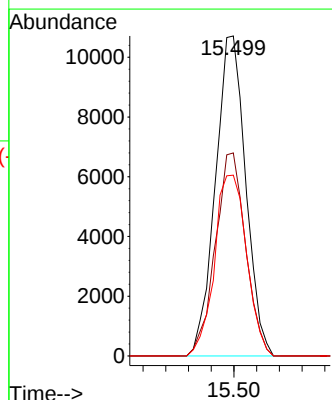
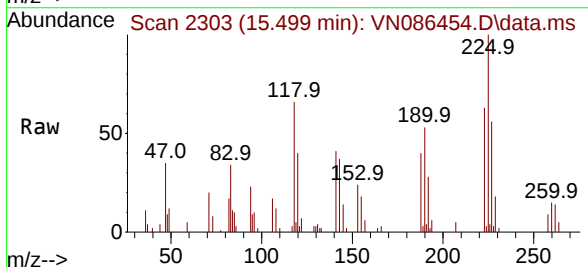
RT: 15.499 min Scan# 2303

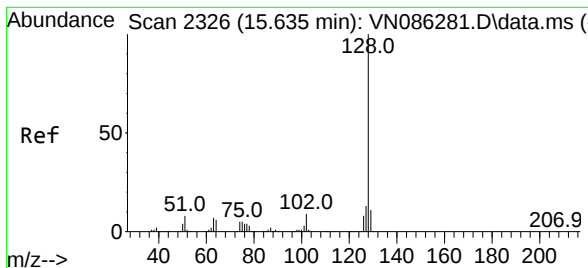
Delta R.T. -0.000 min

Lab File: VN086454.D

Acq: 02 May 2025 11:26

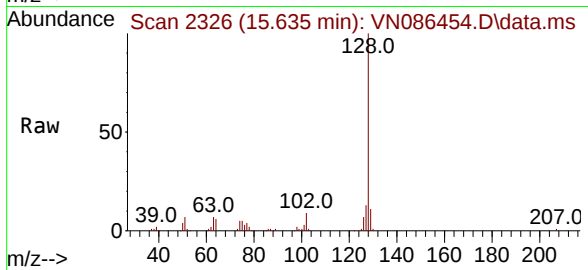
Tgt Ion:	225	Resp:	19866
Ion Ratio	Lower	Upper	
225	100		
223	63.3	32.8	98.3
227	59.8	31.4	94.0





#95
Naphthalene
Concen: 18.481 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

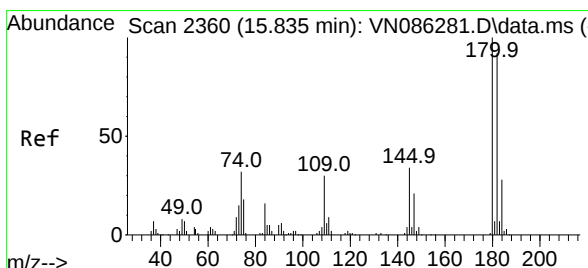
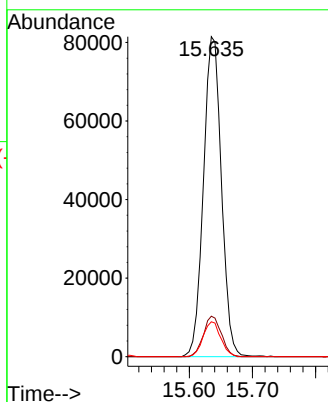
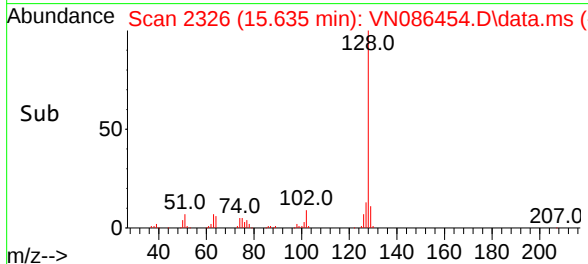
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBS01



Tgt Ion:128 Resp: 161235
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.970 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086454.D
Acq: 02 May 2025 11:26

Tgt Ion:180 Resp: 46532
Ion Ratio Lower Upper
180 100
182 95.3 47.3 142.0
145 33.8 17.2 51.5

