

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
 Data File : VN086038.D
 Acq On : 21 Mar 2025 14:16
 Operator : JC\MD
 Sample : VN0321WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBS01

Quant Time: Mar 21 22:56:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/24/2025
 Supervised By : Semsettin Yesilyurt 03/24/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	165667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	258178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	125213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111472	49.138	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.280%			
35) Dibromofluoromethane	8.165	113	90254	50.084	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.160%			
50) Toluene-d8	10.565	98	333039	50.922	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.840%			
62) 4-Bromofluorobenzene	12.847	95	117587	50.414	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.820%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	44718	20.374	ug/l	97
3) Chloromethane	2.359	50	38404	19.959	ug/l	100
4) Vinyl Chloride	2.506	62	39425	20.039	ug/l	96
5) Bromomethane	2.953	94	26424	19.718	ug/l	96
6) Chloroethane	3.112	64	25212	20.314	ug/l	89
7) Trichlorofluoromethane	3.495	101	71822	20.308	ug/l	96
8) Diethyl Ether	3.959	74	21442	19.805	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	40581	21.590	ug/l	98
10) Methyl Iodide	4.589	142	49061	20.032	ug/l #	93
11) Tert butyl alcohol	5.518	59	30054	93.572	ug/l	98
12) 1,1-Dichloroethene	4.342	96	35990	21.205	ug/l	96
13) Acrolein	4.183	56	25468	74.344	ug/l	96
14) Allyl chloride	5.018	41	40320	19.042	ug/l	98
15) Acrylonitrile	5.718	53	88471	104.298	ug/l	98
16) Acetone	4.430	43	70665	101.961	ug/l	97
17) Carbon Disulfide	4.712	76	102923	18.439	ug/l	99
18) Methyl Acetate	5.024	43	37012	21.584	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	107914	19.403	ug/l	95
20) Methylene Chloride	5.277	84	42329	20.877	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	38700	20.864	ug/l	94
22) Diisopropyl ether	6.671	45	98876	21.913	ug/l	95
23) Vinyl Acetate	6.600	43	351310	102.706	ug/l	98
24) 1,1-Dichloroethane	6.565	63	69842	21.049	ug/l	98
25) 2-Butanone	7.482	43	102967	102.962	ug/l	99
26) 2,2-Dichloropropane	7.488	77	67968	21.277	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	43376	20.579	ug/l	100
28) Bromochloromethane	7.812	49	25026	17.802	ug/l	93
29) Tetrahydrofuran	7.841	42	69419	112.439	ug/l	99
30) Chloroform	7.965	83	77736	21.196	ug/l	97
31) Cyclohexane	8.253	56	55635	19.682	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	73753	21.244	ug/l	96
36) 1,1-Dichloropropene	8.371	75	50057	21.096	ug/l	99
37) Ethyl Acetate	7.559	43	45227	22.593	ug/l	97
38) Carbon Tetrachloride	8.359	117	67014	21.479	ug/l	96
39) Methylcyclohexane	9.600	83	46214	19.630	ug/l	95
40) Benzene	8.606	78	162359	21.796	ug/l	99

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 Supervised By :Semsettin Yesilyurt 03/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	22922	23.980	ug/l	94
42) 1,2-Dichloroethane	8.665	62	55289	21.302	ug/l	97
43) Isopropyl Acetate	8.682	43	71672	16.522	ug/l	99
44) Trichloroethene	9.347	130	38484	19.934	ug/l	96
45) 1,2-Dichloropropane	9.618	63	38092	22.483	ug/l	96
46) Dibromomethane	9.712	93	29567	22.191	ug/l	100
47) Bromodichloromethane	9.888	83	61741	22.172	ug/l	97
48) Methyl methacrylate	9.682	41	30257	21.137	ug/l	99
49) 1,4-Dioxane	9.688	88	15845	468.247	ug/l	92
51) 4-Methyl-2-Pentanone	10.441	43	221392	115.724	ug/l	97
52) Toluene	10.629	92	103671	22.676	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	56928	21.051	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	60660	21.260	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	40994	23.493	ug/l	92
56) Ethyl methacrylate	10.871	69	51183	21.321	ug/l	95
57) 1,3-Dichloropropane	11.159	76	63941	21.574	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	93430	103.446	ug/l	98
59) 2-Hexanone	11.194	43	164077	117.729	ug/l	96
60) Dibromochloromethane	11.359	129	50174	22.283	ug/l	99
61) 1,2-Dibromoethane	11.470	107	39752	22.191	ug/l	97
64) Tetrachloroethene	11.100	164	40102	20.925	ug/l	99
65) Chlorobenzene	11.888	112	112159	20.402	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	42909	20.997	ug/l	99
67) Ethyl Benzene	11.959	91	174963	19.896	ug/l	99
68) m/p-Xylenes	12.070	106	145460	42.084	ug/l	99
69) o-Xylene	12.400	106	66608	20.996	ug/l	98
70) Styrene	12.412	104	114658	21.161	ug/l	99
71) Bromoform	12.576	173	36665	21.462	ug/l #	98
73) Isopropylbenzene	12.694	105	163559	19.128	ug/l	100
74) N-amyl acetate	12.494	43	56434	19.727	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	58157	20.104	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	57942m	20.669	ug/l	
77) Bromobenzene	12.982	156	46938	19.687	ug/l	99
78) n-propylbenzene	13.035	91	198861	20.539	ug/l	99
79) 2-Chlorotoluene	13.123	91	129802	20.183	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	145703	20.183	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	20219	19.069	ug/l	91
82) 4-Chlorotoluene	13.217	91	133793	20.230	ug/l	98
83) tert-Butylbenzene	13.435	119	113852	18.440	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	149453	20.525	ug/l	99
85) sec-Butylbenzene	13.612	105	164004	20.362	ug/l	99
86) p-Isopropyltoluene	13.729	119	134977	19.796	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	85795	19.963	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	83605	18.516	ug/l	97
89) n-Butylbenzene	14.053	91	103000	18.551	ug/l	98
90) Hexachloroethane	14.329	117	30365	19.301	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	81203	19.007	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11288	19.548	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	35239	16.404	ug/l	96
94) Hexachlorobutadiene	15.500	225	22023	17.671	ug/l	98
95) Naphthalene	15.641	128	96781	15.559	ug/l	97
96) 1,2,3-Trichlorobenzene	15.835	180	36298	17.807	ug/l	99

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MSVOA_N
ClientSampleId :
VN0321WBS01

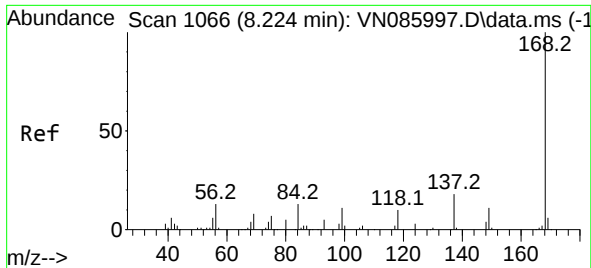
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

Quant Time: Mar 21 22:56:08 2025
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Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
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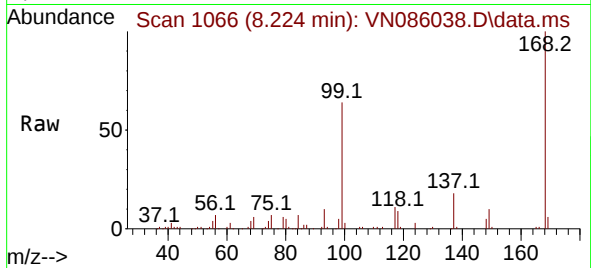
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

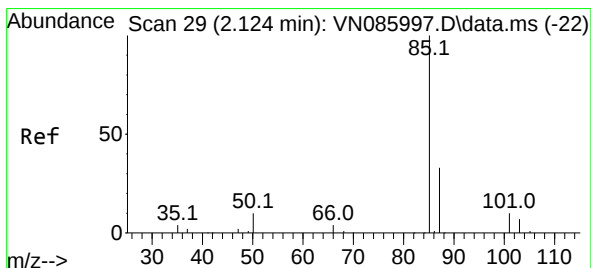
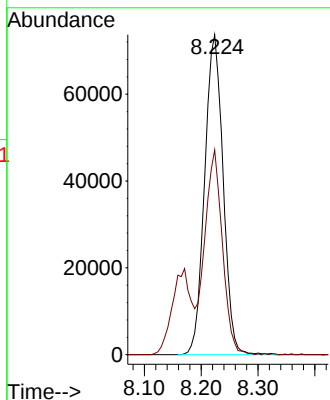
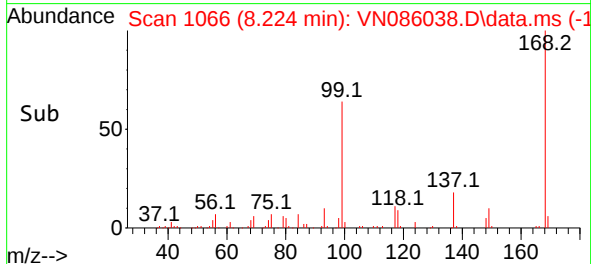
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01



Tgt Ion:168 Resp: 16566
Ion Ratio Lower Upper
168 100
99 64.0 49.4 74.2

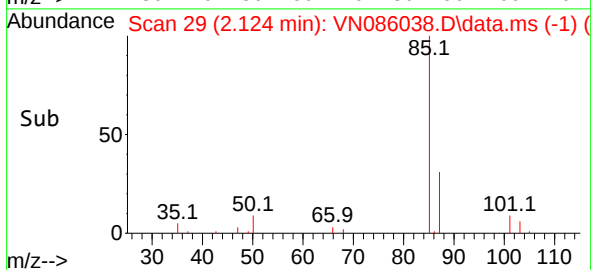
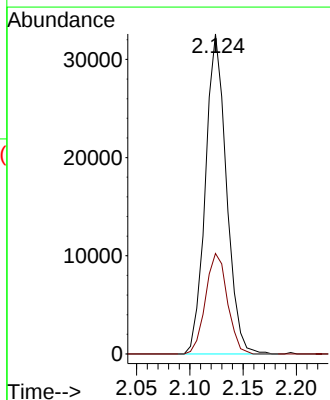
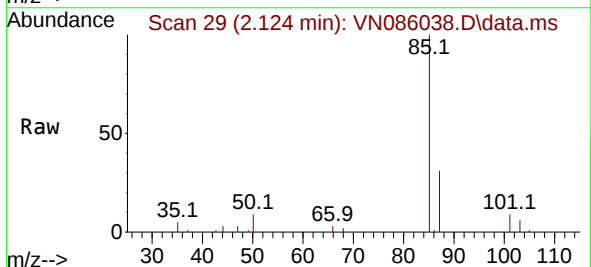
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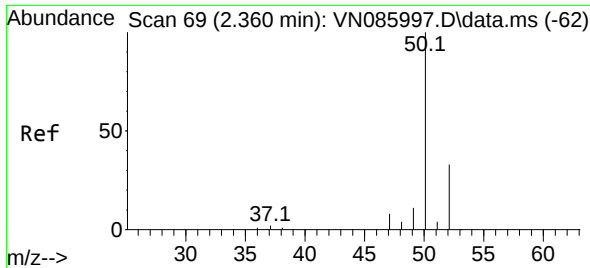
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#2
Dichlorodifluoromethane
Concen: 20.374 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Tgt Ion: 85 Resp: 44718
Ion Ratio Lower Upper
85 100
87 31.4 16.5 49.5





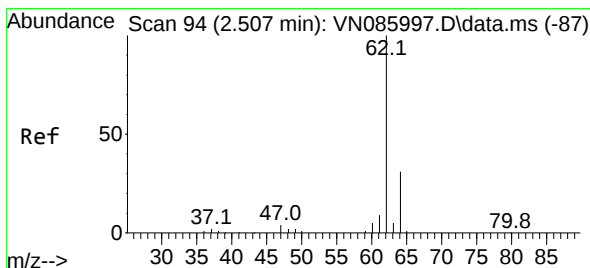
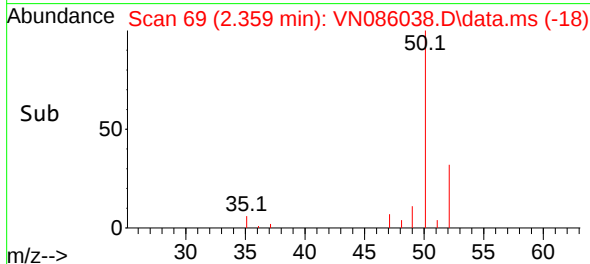
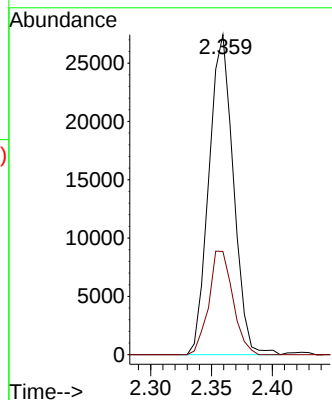
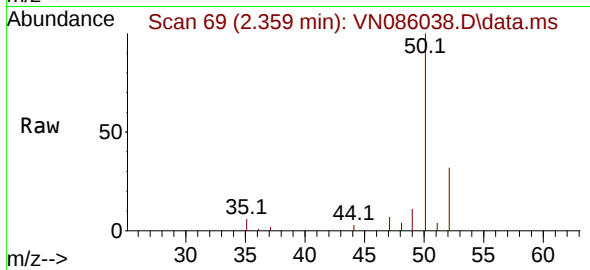
#3
Chloromethane
Concen: 19.959 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Instrument :
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VN0321WBS01

Tgt Ion: 50 Resp: 38404
Ion Ratio Lower Upper
50 100
52 32.3 26.0 39.0

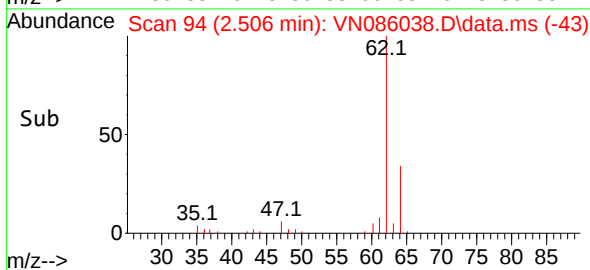
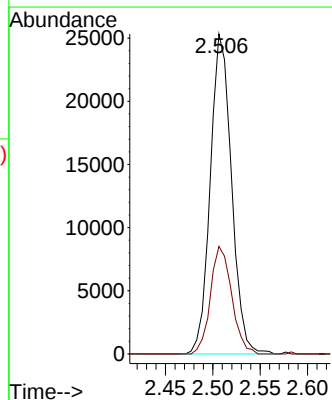
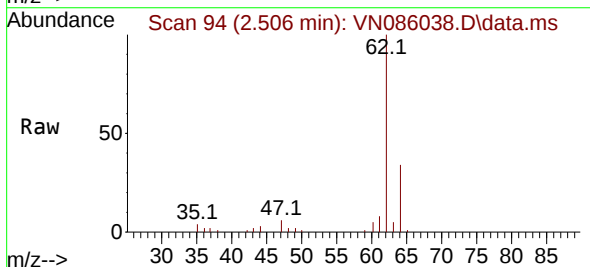
Manual Integrations
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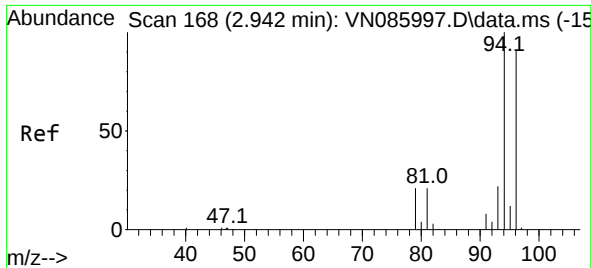
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#4
Vinyl Chloride
Concen: 20.039 ug/l
RT: 2.506 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Tgt Ion: 62 Resp: 39425
Ion Ratio Lower Upper
62 100
64 33.6 25.2 37.8





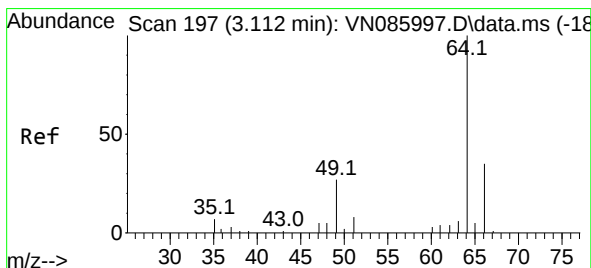
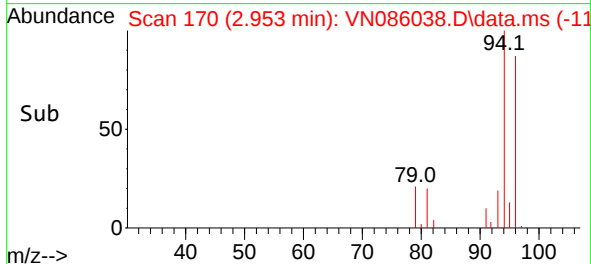
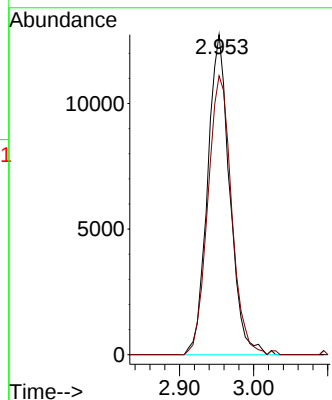
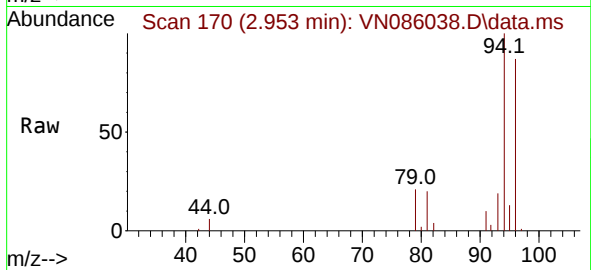
#5
Bromomethane
Concen: 19.718 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

Tgt Ion: 94 Resp: 26424
Ion Ratio Lower Upper
94 100
96 87.1 72.8 109.2

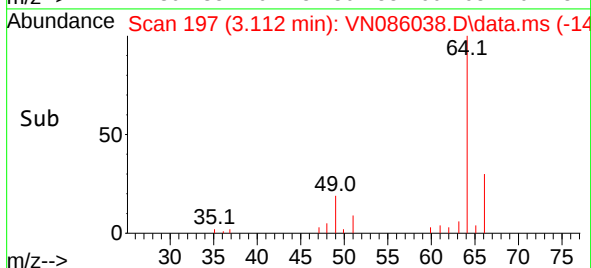
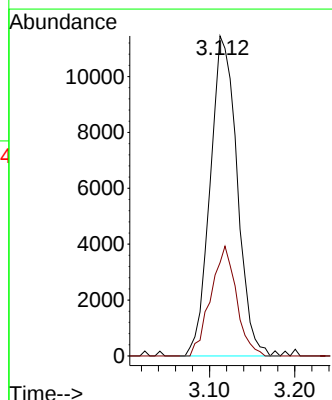
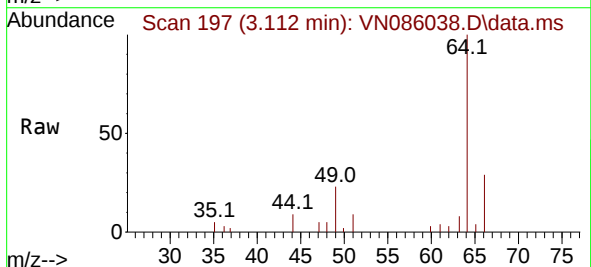
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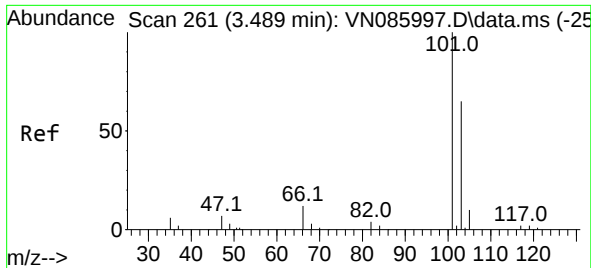
Reviewed By :John Carlone 03/24/2025
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#6
Chloroethane
Concen: 20.314 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Tgt Ion: 64 Resp: 25212
Ion Ratio Lower Upper
64 100
66 29.1 28.3 42.5





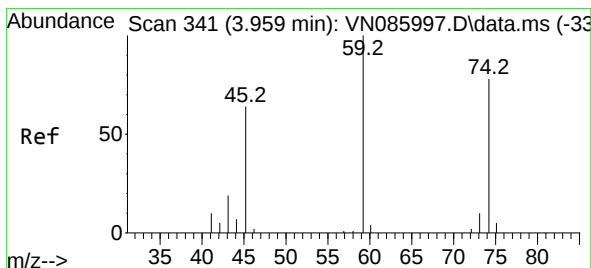
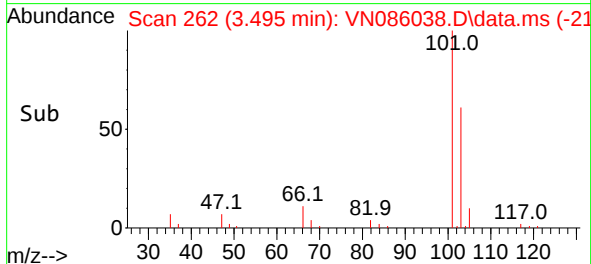
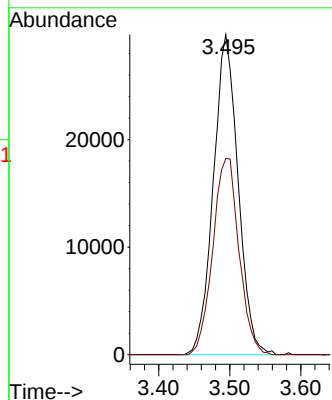
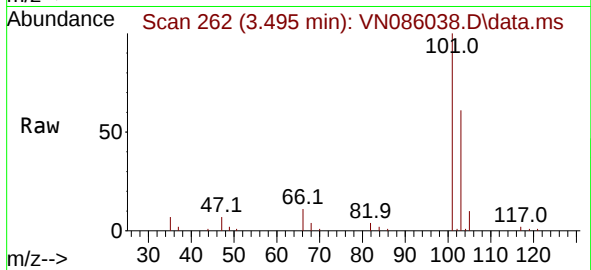
#7
Trichlorofluoromethane
Concen: 20.308 ug/l
RT: 3.495 min Scan# 261
Delta R.T. 0.006 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

Tgt Ion:101 Resp: 7182
Ion Ratio Lower Upper
101 100
103 61.3 51.7 77.5

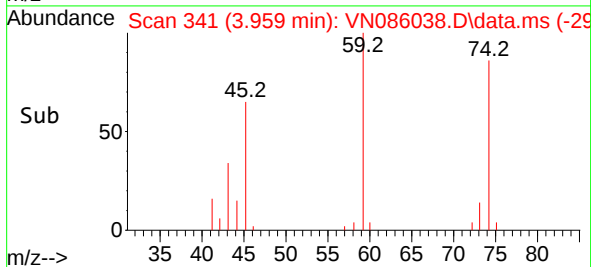
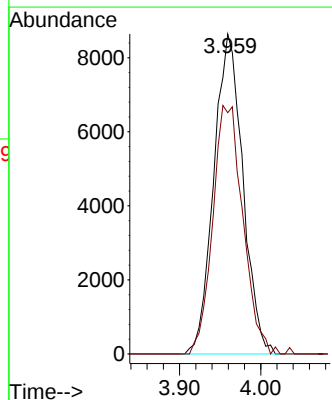
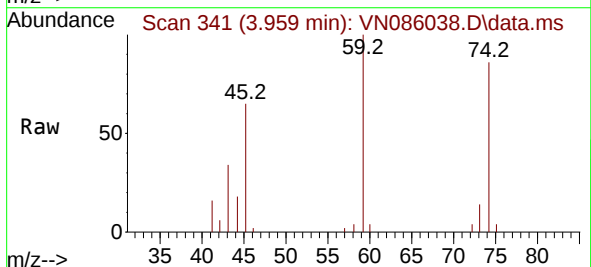
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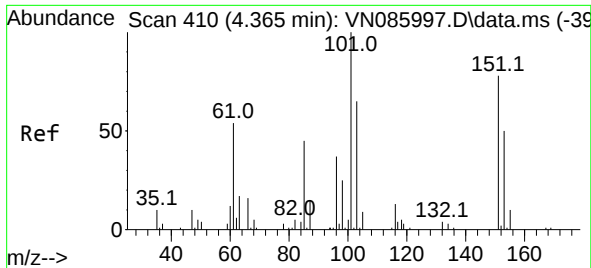
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#8
Diethyl Ether
Concen: 19.805 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Tgt Ion: 74 Resp: 21442
Ion Ratio Lower Upper
74 100
45 80.8 38.0 113.9





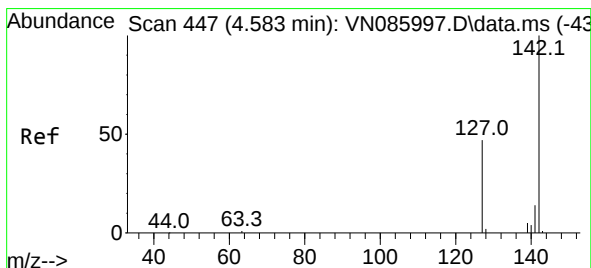
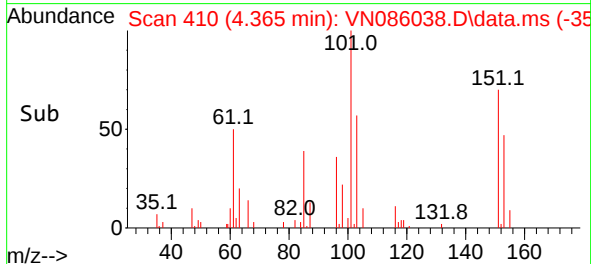
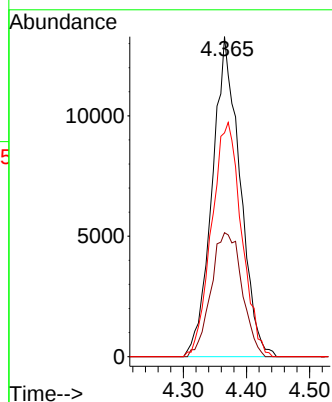
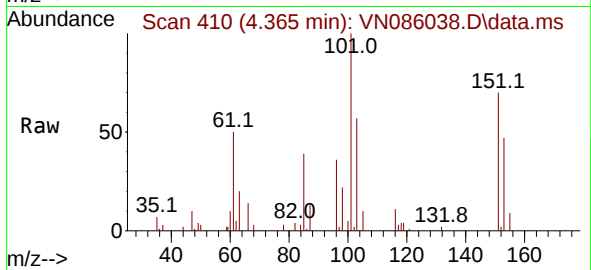
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.590 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

Tgt Ion:101 Resp: 4058
Ion Ratio Lower Upper
101 100
85 43.1 36.5 54.7
151 78.9 63.4 95.0

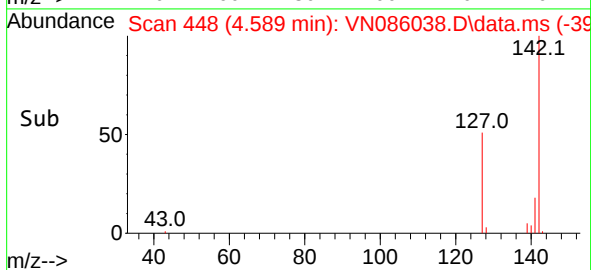
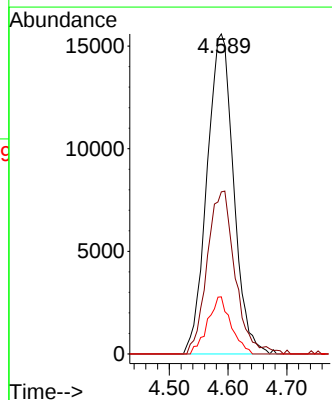
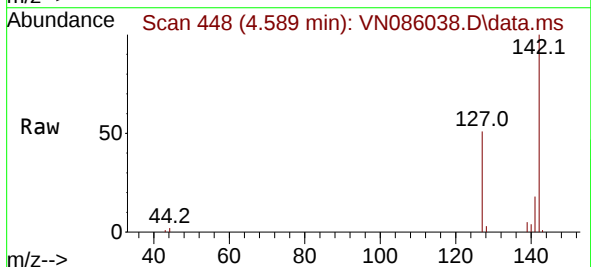
Manual Integrations
APPROVED

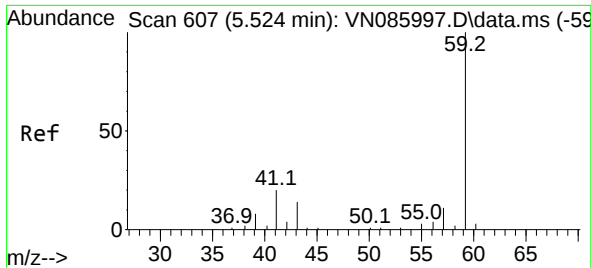
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#10
Methyl Iodide
Concen: 20.032 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

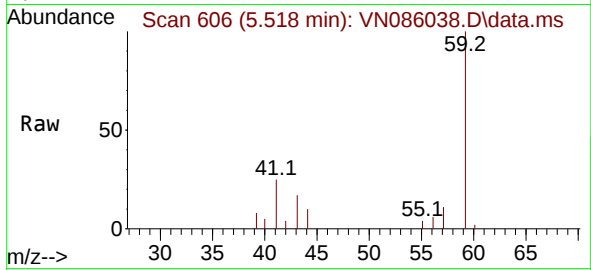
Tgt Ion:142 Resp: 49061
Ion Ratio Lower Upper
142 100
127 50.7 37.5 56.3
141 17.9 11.0 16.6#





#11
Tert butyl alcohol
Concen: 93.572 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

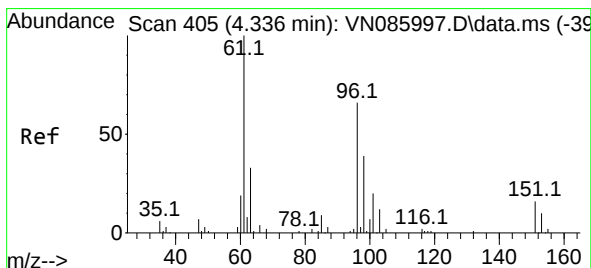
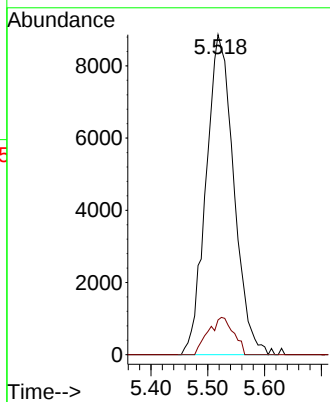
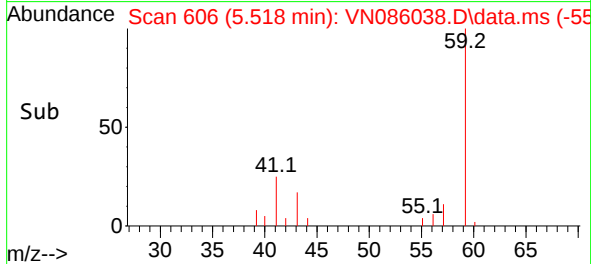
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01



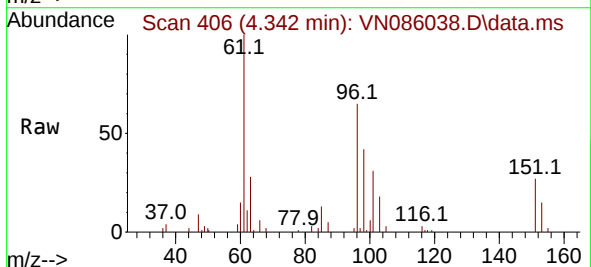
Tgt Ion: 59 Resp: 30054
Ion Ratio Lower Upper
59 100
57 10.6 7.9 11.9

Manual Integrations
APPROVED

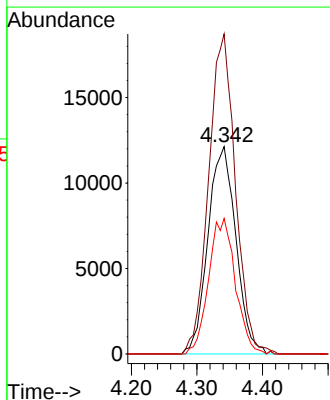
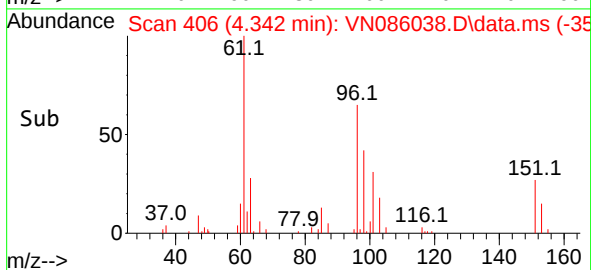
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

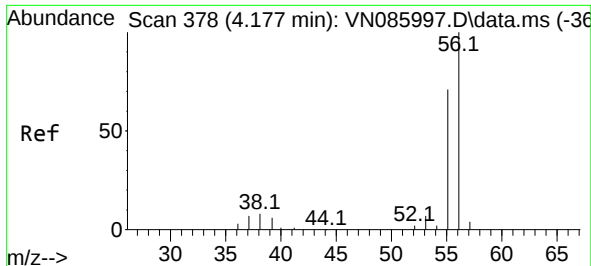


#12
1,1-Dichloroethene
Concen: 21.205 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16



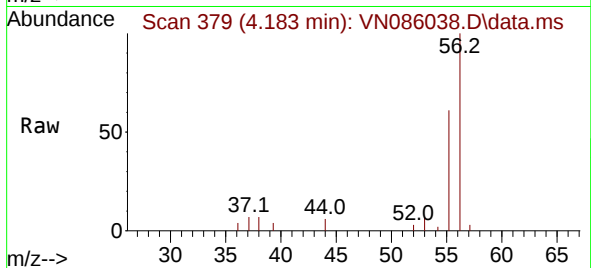
Tgt Ion: 96 Resp: 35990
Ion Ratio Lower Upper
96 100
61 154.3 120.5 180.7
98 65.4 47.4 71.0





#13
Acrolein
Concen: 74.344 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

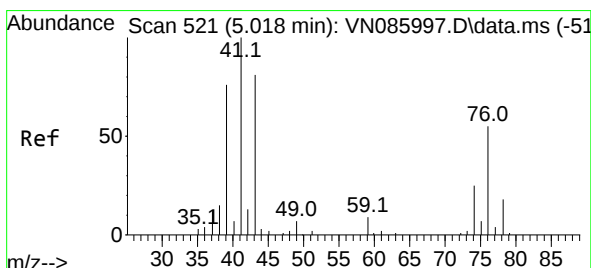
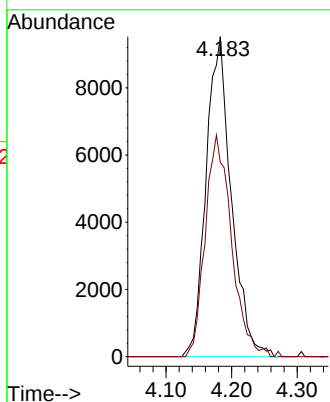
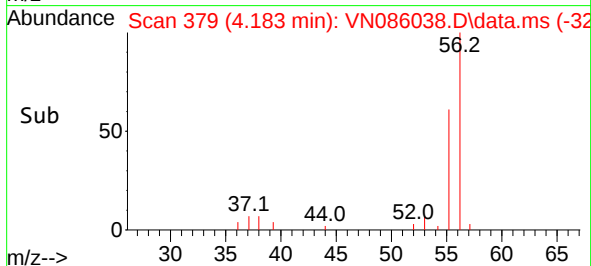
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01



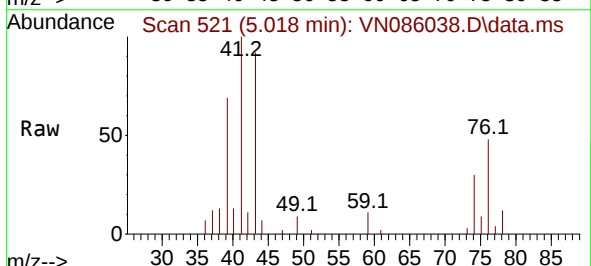
Tgt Ion: 56 Resp: 2546
Ion Ratio Lower Upper
56 100
55 72.1 55.1 82.7

Manual Integrations
APPROVED

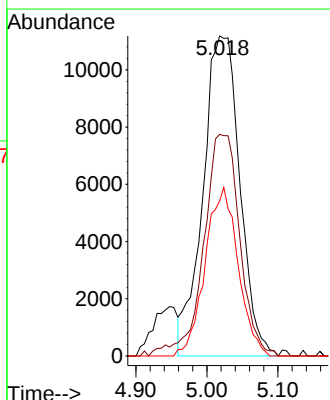
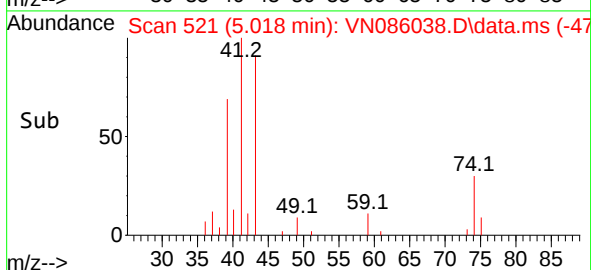
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

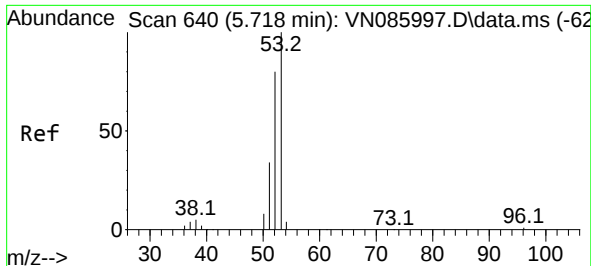


#14
Allyl chloride
Concen: 19.042 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16



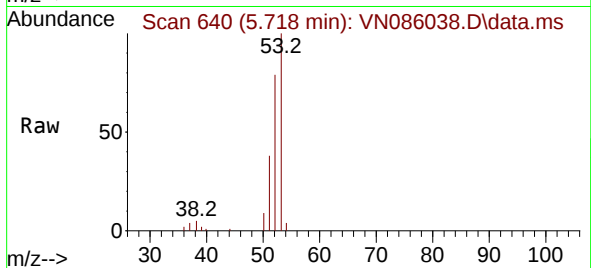
Tgt Ion: 41 Resp: 40320
Ion Ratio Lower Upper
41 100
39 67.9 55.5 83.3
76 47.1 39.1 58.7





#15
Acrylonitrile
Concen: 104.298 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

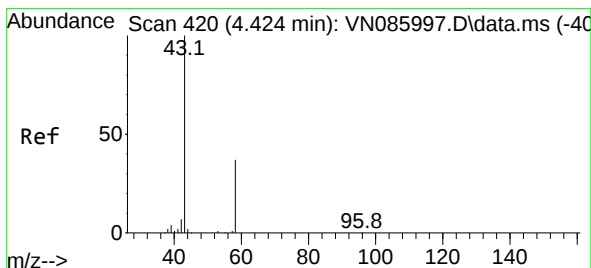
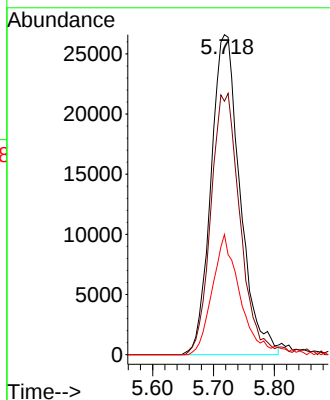
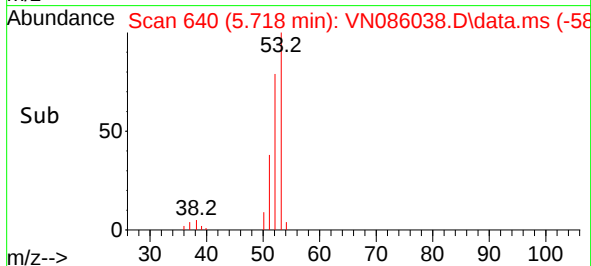
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01



Tgt Ion: 53 Resp: 8847
Ion Ratio Lower Upper
53 100
52 81.3 63.9 95.9
51 35.0 27.1 40.7

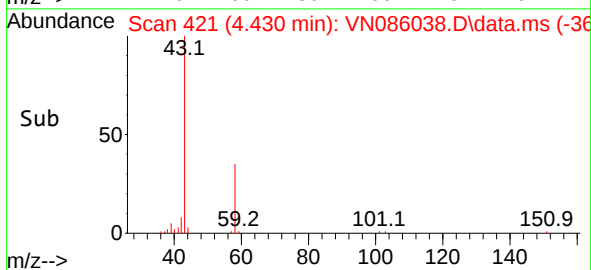
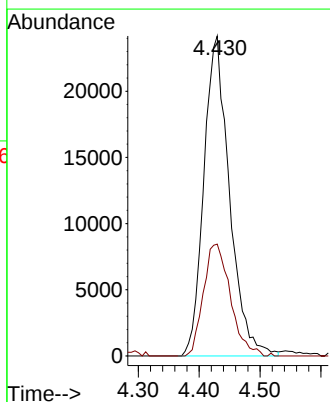
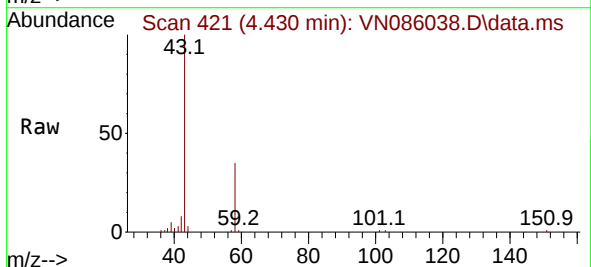
Manual Integrations
APPROVED

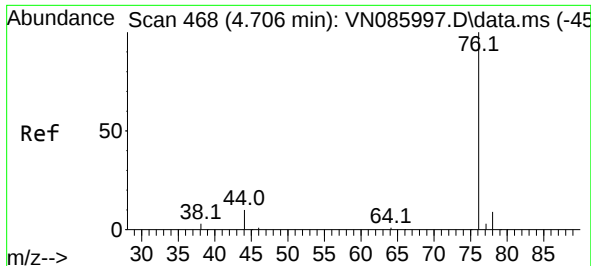
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#16
Acetone
Concen: 101.961 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Tgt Ion: 43 Resp: 70665
Ion Ratio Lower Upper
43 100
58 35.0 29.4 44.2





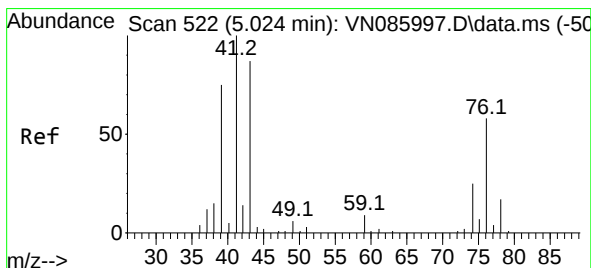
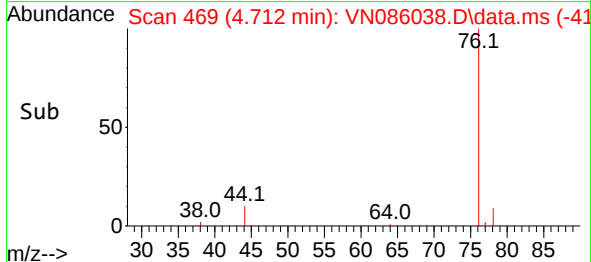
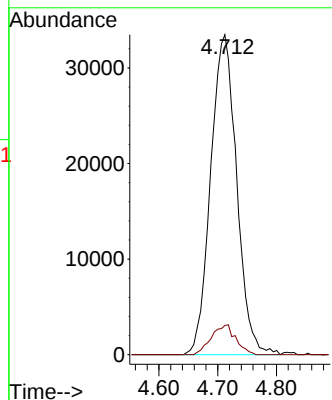
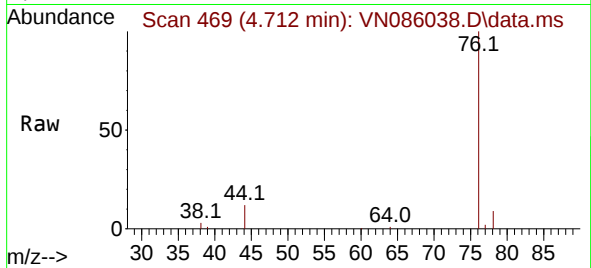
#17
Carbon Disulfide
Concen: 18.439 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

Tgt Ion: 76 Resp: 10292
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

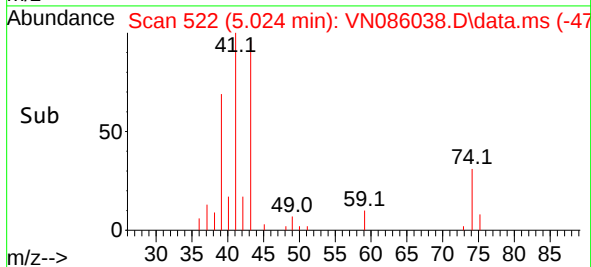
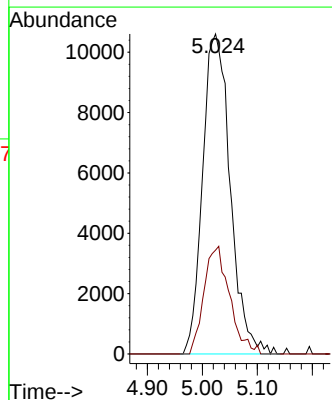
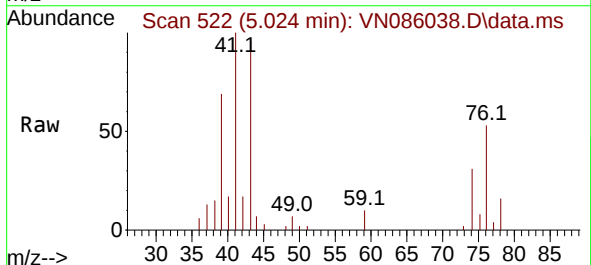
Manual Integrations
APPROVED

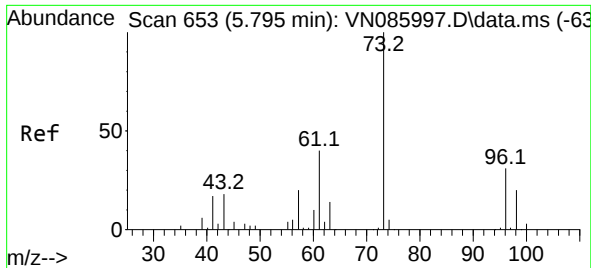
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#18
Methyl Acetate
Concen: 21.584 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Tgt Ion: 43 Resp: 37012
Ion Ratio Lower Upper
43 100
74 31.3 23.9 35.9





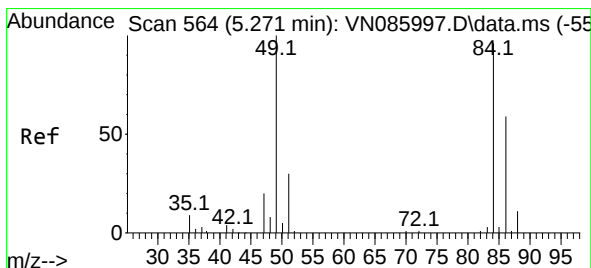
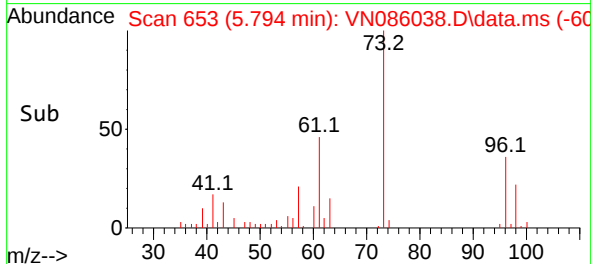
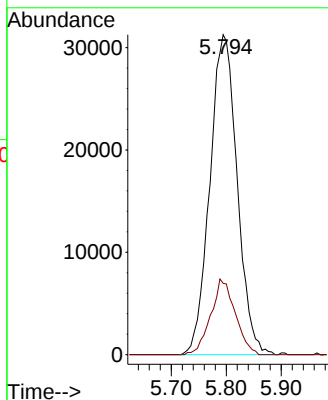
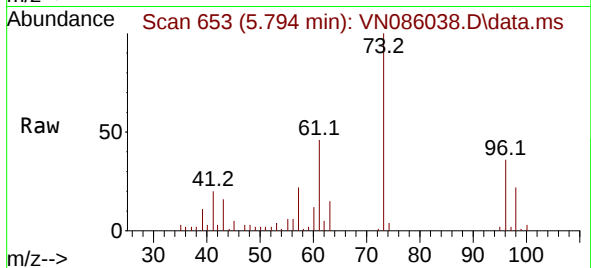
#19
Methyl tert-butyl Ether
Concen: 19.403 ug/l
RT: 5.794 min Scan# 614
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

Tgt Ion: 73 Resp: 107914
Ion Ratio Lower Upper
73 100
57 22.3 16.1 24.1

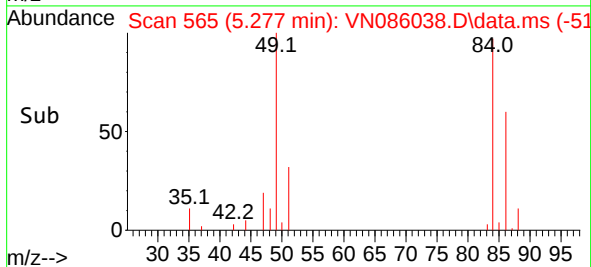
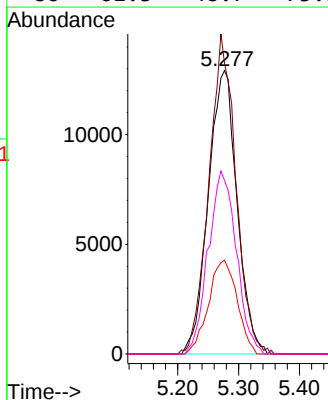
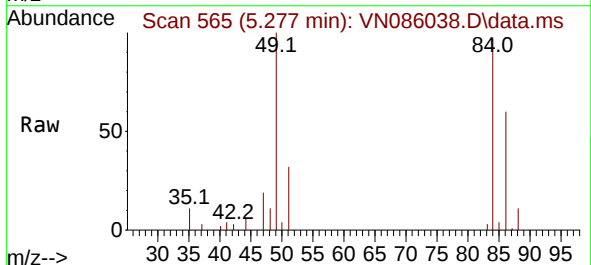
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#20
Methylene Chloride
Concen: 20.877 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

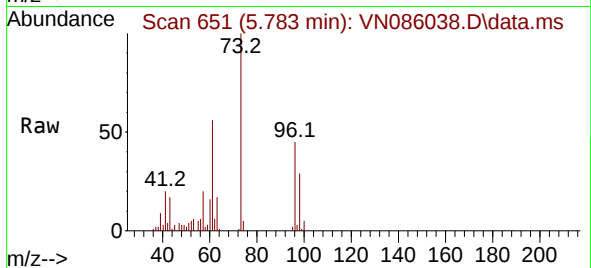
Tgt Ion: 84 Resp: 42329
Ion Ratio Lower Upper
84 100
49 102.7 83.3 124.9
51 33.1 24.8 37.2
86 61.3 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 20.864 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

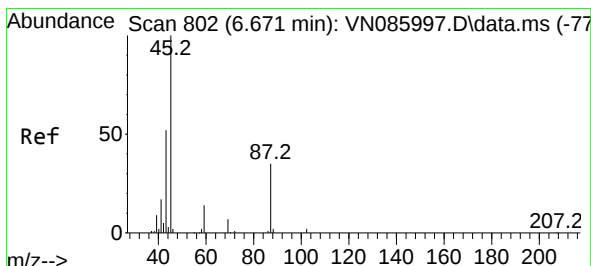
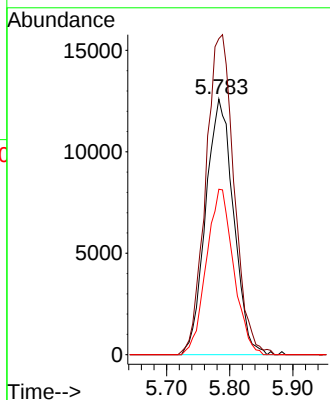
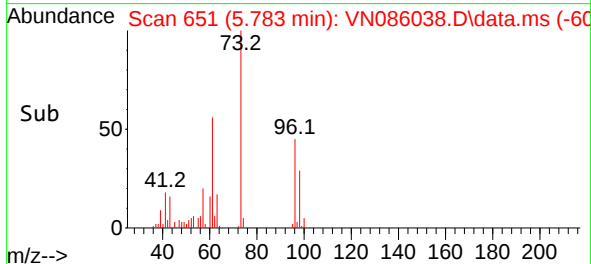
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01



Tgt Ion: 96 Resp: 38700
Ion Ratio Lower Upper
96 100
61 123.6 106.6 160.0
98 64.7 50.0 75.0

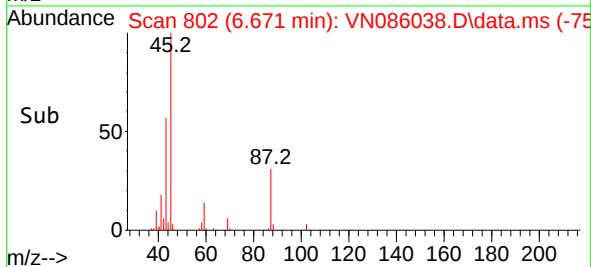
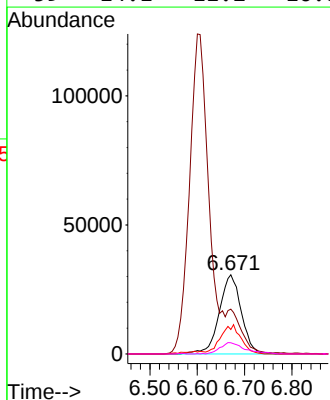
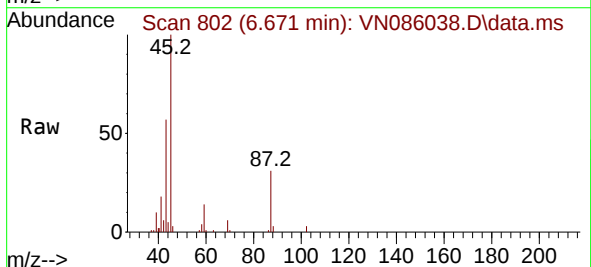
Manual Integrations
APPROVED

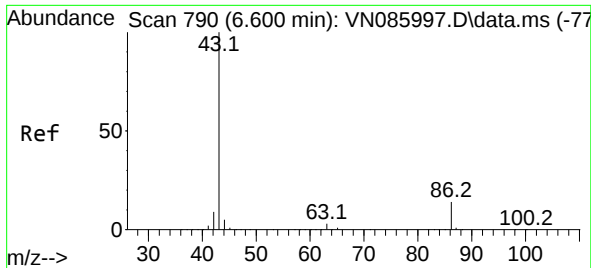
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#22
Diisopropyl ether
Concen: 21.913 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

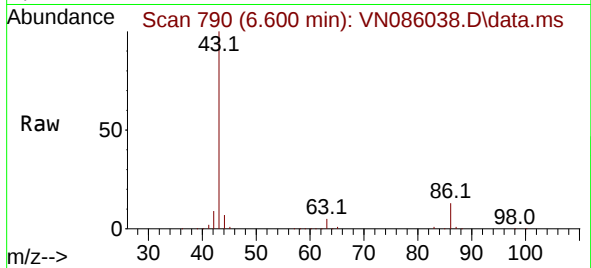
Tgt Ion: 45 Resp: 98876
Ion Ratio Lower Upper
45 100
43 55.1 41.2 61.8
87 30.9 28.5 42.7
59 14.1 11.2 16.8





#23
 Vinyl Acetate
 Concen: 102.706 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086038.D
 Acq: 21 Mar 2025 14:16

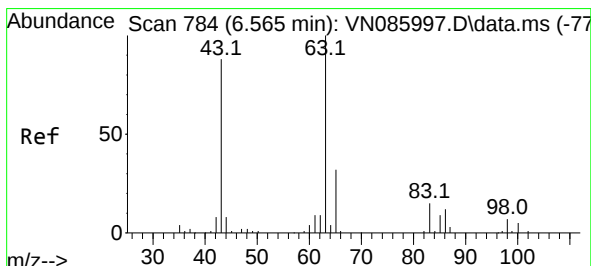
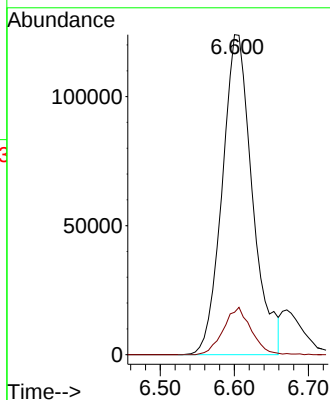
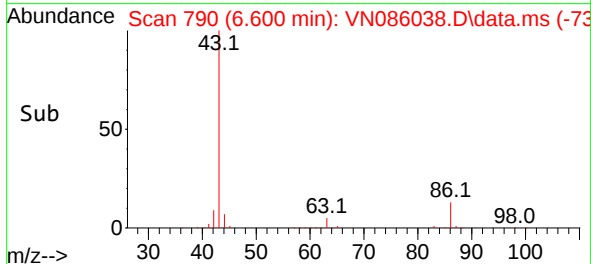
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBS01



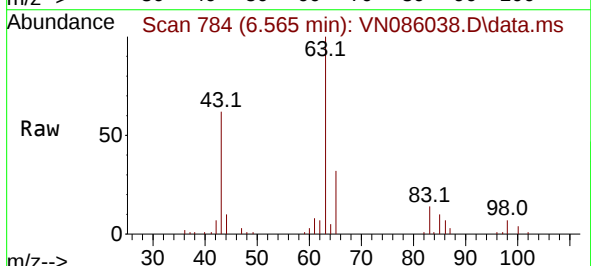
Tgt Ion: 43 Resp: 351310
 Ion Ratio Lower Upper
 43 100
 86 13.3 11.2 16.8

Manual Integrations
 APPROVED

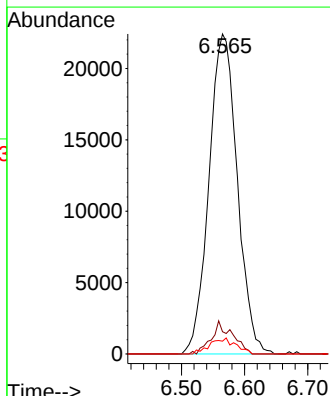
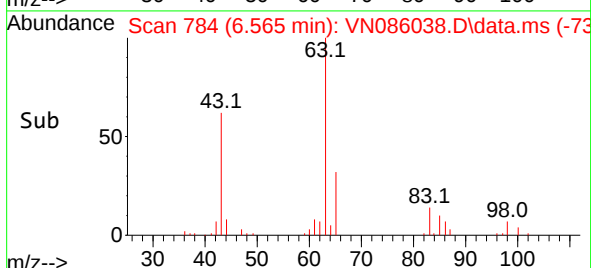
Reviewed By :John Carlone 03/24/2025
 Supervised By :Semsettin Yesilyurt 03/24/2025



#24
 1,1-Dichloroethane
 Concen: 21.049 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086038.D
 Acq: 21 Mar 2025 14:16



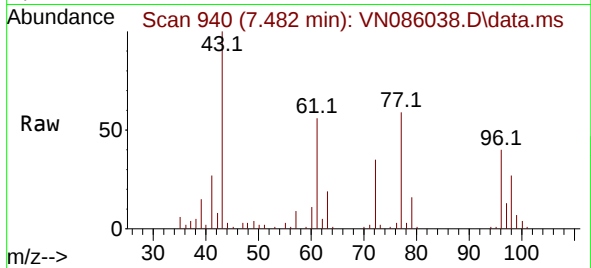
Tgt Ion: 63 Resp: 69842
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 4.0 2.5 7.5





#25
2-Butanone
Concen: 102.962 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

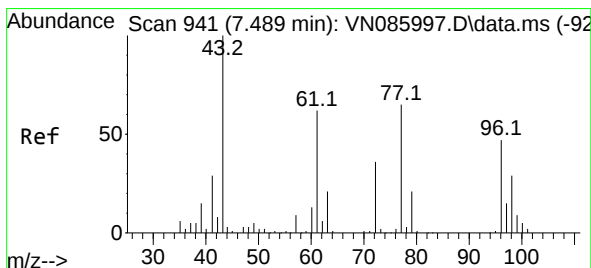
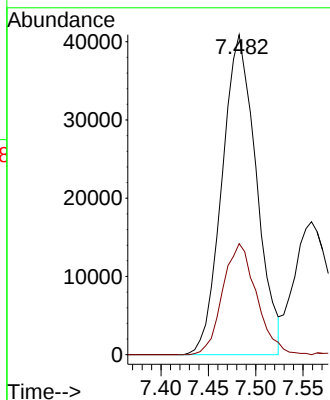
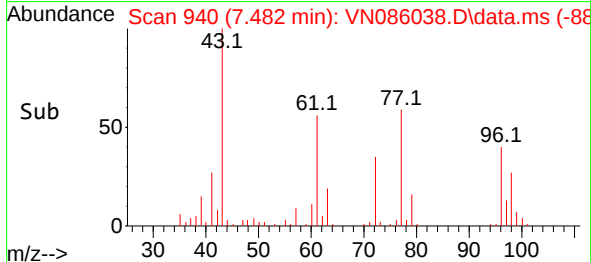
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01



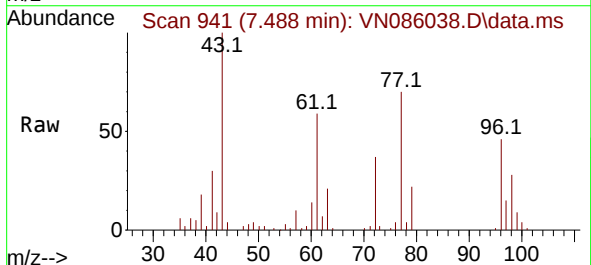
Tgt Ion: 43 Resp: 10296
Ion Ratio Lower Upper
43 100
72 34.7 27.4 41.0

Manual Integrations
APPROVED

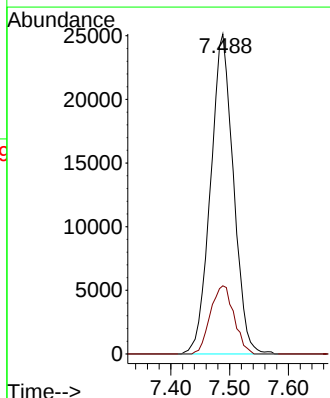
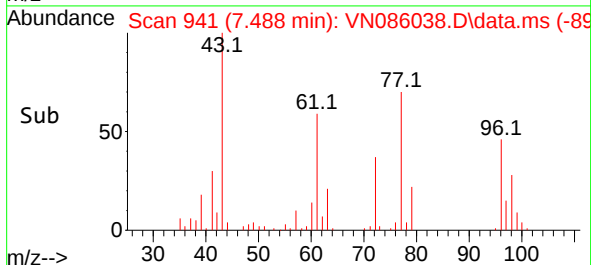
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#26
2,2-Dichloropropane
Concen: 21.277 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16



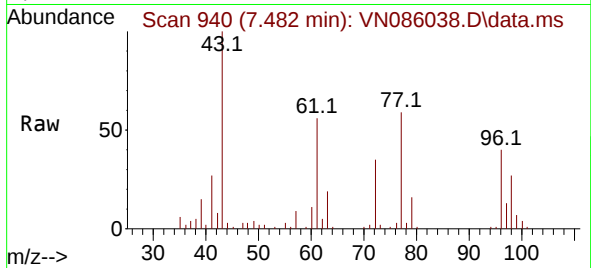
Tgt Ion: 77 Resp: 67968
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 20.579 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086038.D
 Acq: 21 Mar 2025 14:16

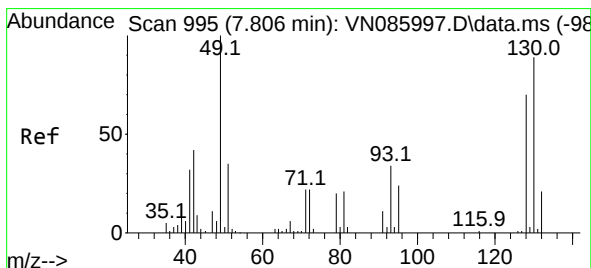
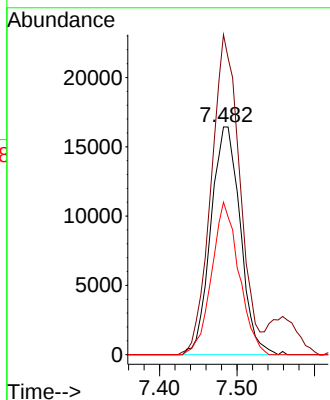
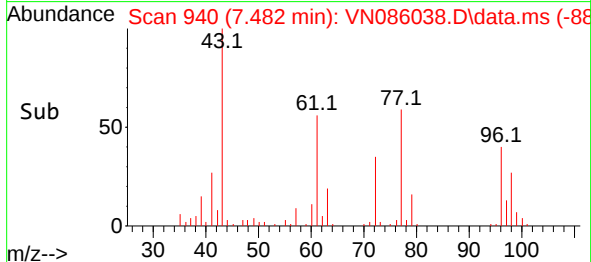
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBS01



Tgt Ion: 96 Resp: 43370
 Ion Ratio Lower Upper
 96 100
 61 136.2 0.0 272.8
 98 62.3 0.0 124.8

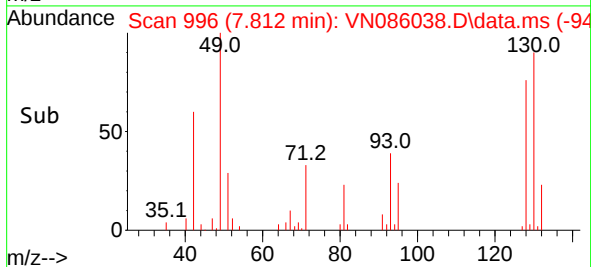
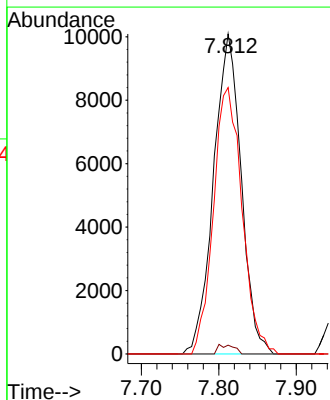
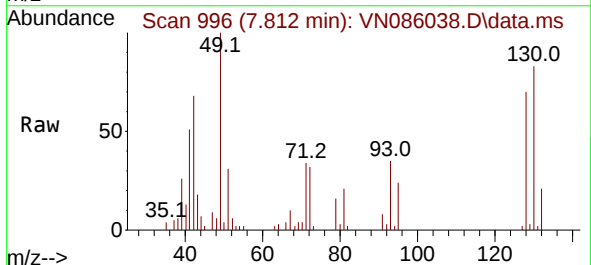
Manual Integrations
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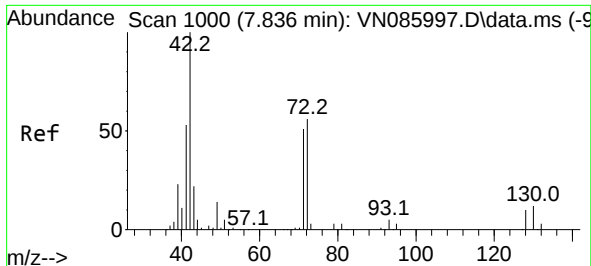
Reviewed By :John Carlone 03/24/2025
 Supervised By :Semsettin Yesilyurt 03/24/2025



#28
 Bromochloromethane
 Concen: 17.802 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086038.D
 Acq: 21 Mar 2025 14:16

Tgt Ion: 49 Resp: 25026
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.2
 130 86.3 74.2 111.4





#29

Tetrahydrofuran

Concen: 112.439 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN086038.D

Acq: 21 Mar 2025 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBS01

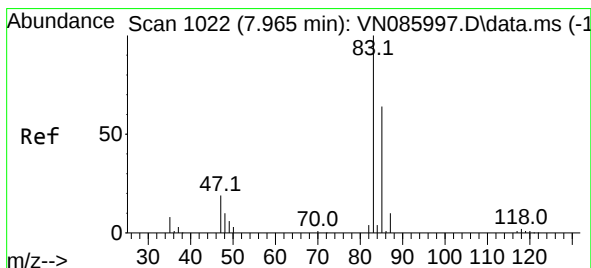
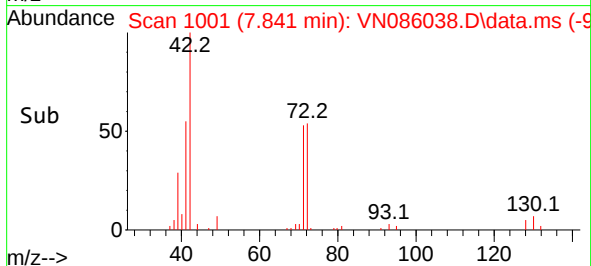
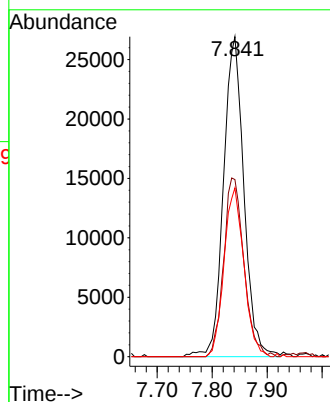
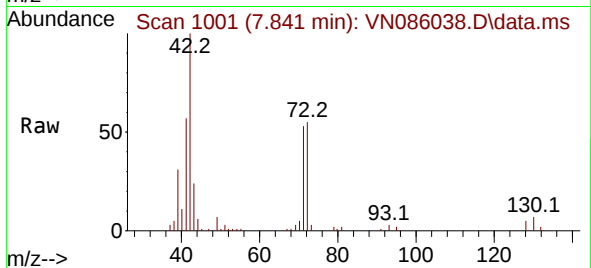
Tgt Ion: 42	Resp: 69419
Ion Ratio	Lower Upper
42	100
72	55.4 45.0 67.4
71	51.3 41.9 62.9

Manual Integrations

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Reviewed By :John Carlone 03/24/2025

Supervised By :Semsettin Yesilyurt 03/24/2025



#30

Chloroform

Concen: 21.196 ug/l

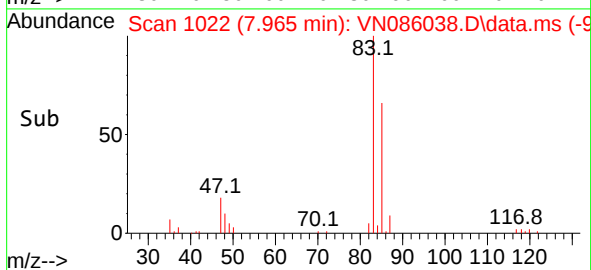
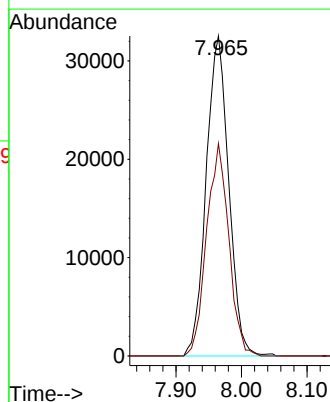
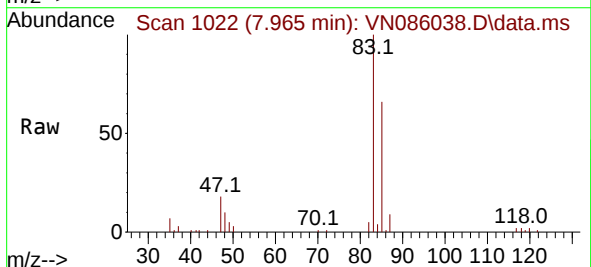
RT: 7.965 min Scan# 1022

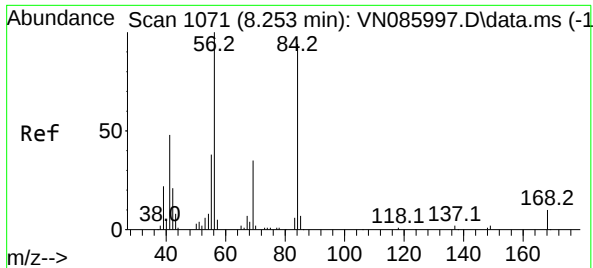
Delta R.T. -0.000 min

Lab File: VN086038.D

Acq: 21 Mar 2025 14:16

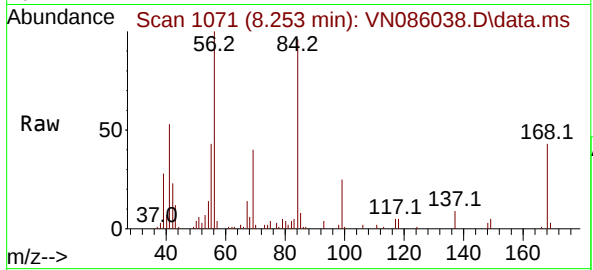
Tgt Ion: 83	Resp: 77736
Ion Ratio	Lower Upper
83	100
85	66.4 51.5 77.3





#31
Cyclohexane
Concen: 19.682 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

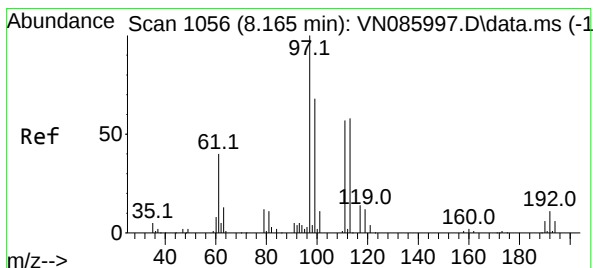
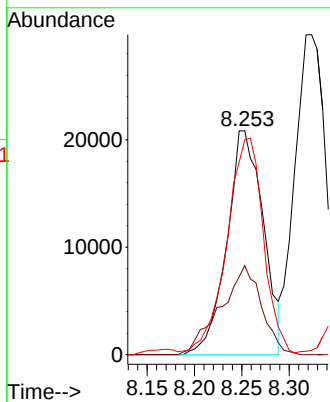
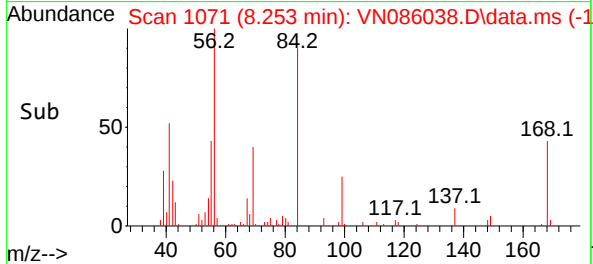
Instrument :
MSVOA_N
Client Sample Id :
VN0321WBS01



Tgt Ion: 56 Resp: 5563
Ion Ratio Lower Upper
56 100
69 39.8 28.0 42.0
84 94.6 75.0 112.6

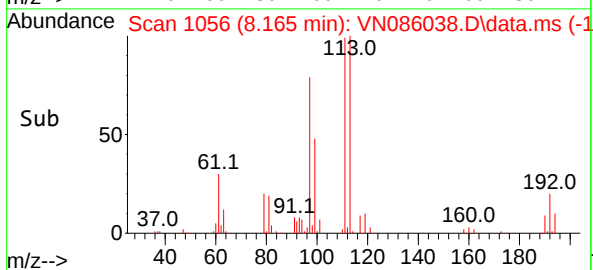
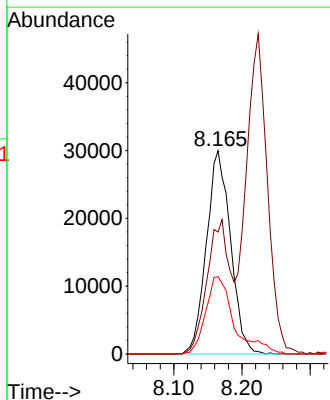
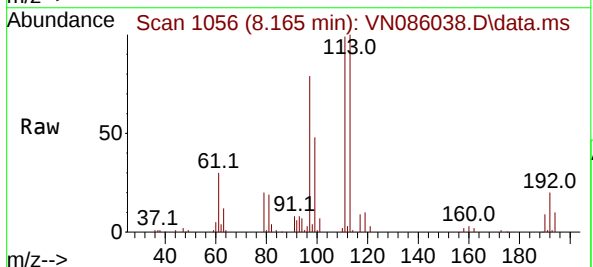
Manual Integrations
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Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#32
1,1,1-Trichloroethane
Concen: 21.244 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Tgt Ion: 97 Resp: 73753
Ion Ratio Lower Upper
97 100
99 62.6 52.8 79.2
61 44.6 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 49.138 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086038.D

Acq: 21 Mar 2025 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBS01

Tgt Ion: 65 Resp: 111472

Ion Ratio Lower Upper

65 100

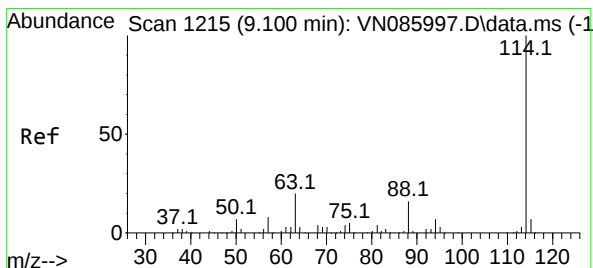
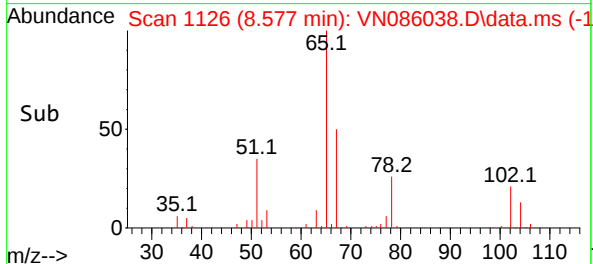
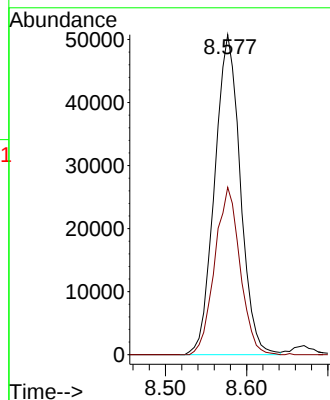
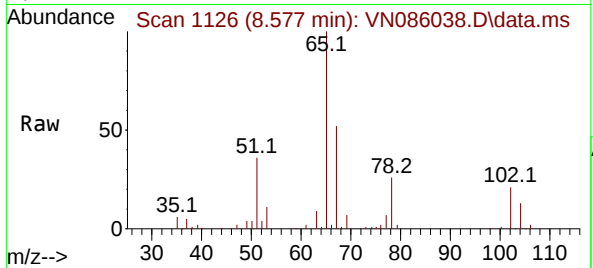
67 51.5 0.0 102.2

Manual Integrations

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Reviewed By :John Carlone 03/24/2025

Supervised By :Semsettin Yesilyurt 03/24/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086038.D

Acq: 21 Mar 2025 14:16

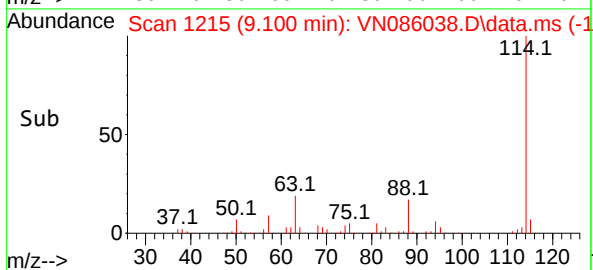
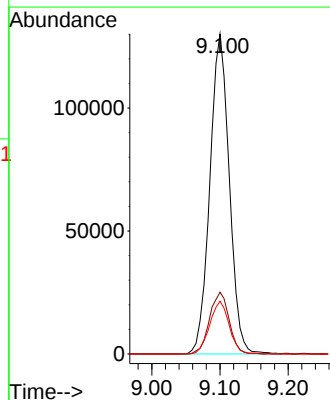
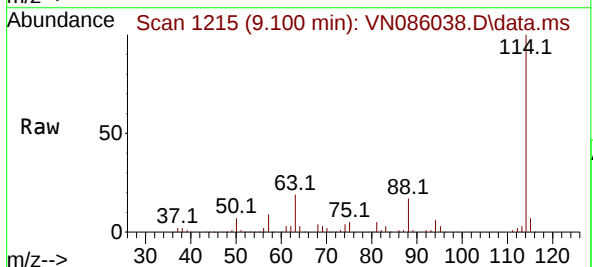
Tgt Ion:114 Resp: 258178

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.084 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086038.D

Acq: 21 Mar 2025 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBS01

Tgt Ion: 113 Resp: 90254

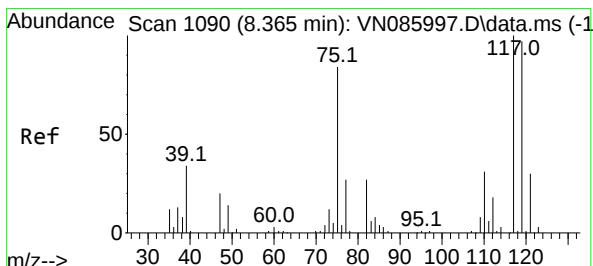
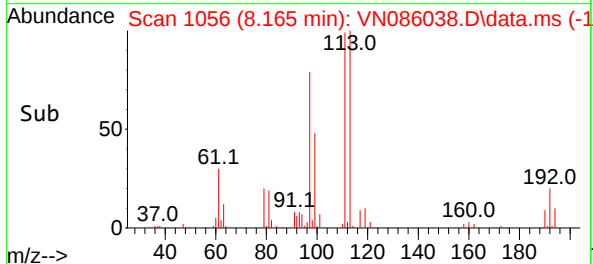
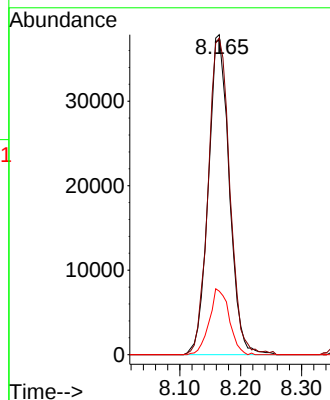
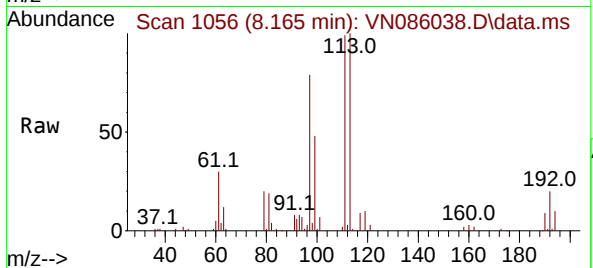
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.8
192	19.7	15.9	23.9

Manual Integrations

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Reviewed By :John Carlone 03/24/2025

Supervised By :Semsettin Yesilyurt 03/24/2025



#36

1,1-Dichloropropene

Concen: 21.096 ug/l

RT: 8.371 min Scan# 1091

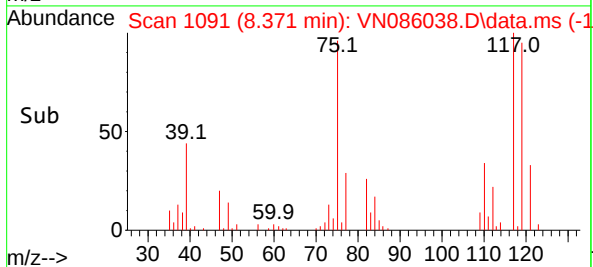
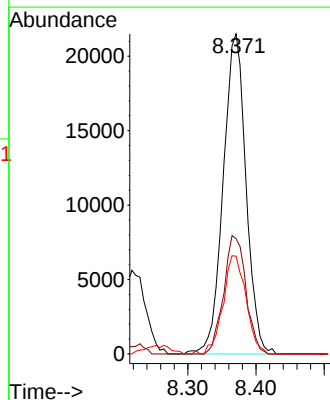
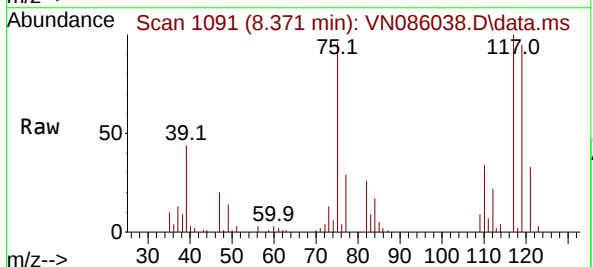
Delta R.T. 0.006 min

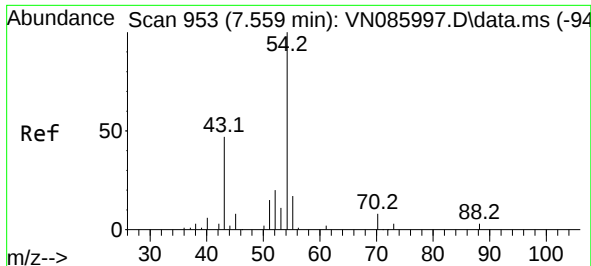
Lab File: VN086038.D

Acq: 21 Mar 2025 14:16

Tgt Ion: 75 Resp: 50057

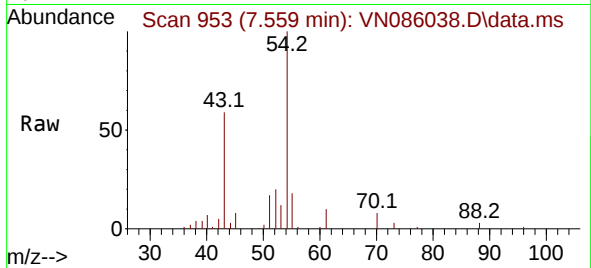
Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.8	53.3
77	31.0	25.0	37.4





#37
Ethyl Acetate
Concen: 22.593 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

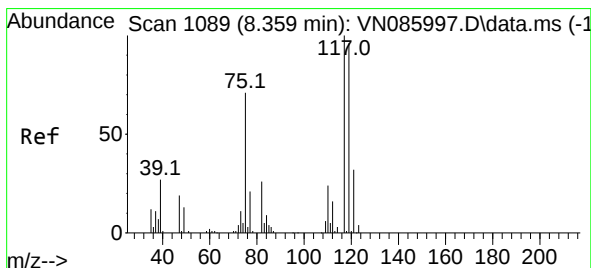
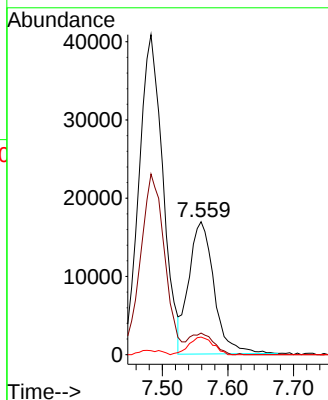
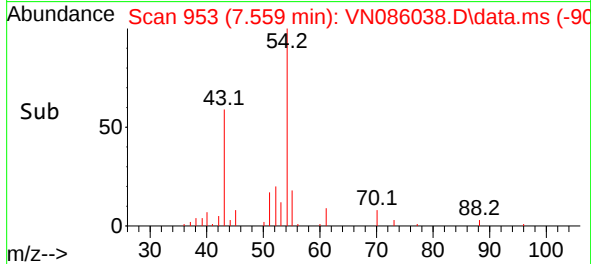
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01



Tgt Ion: 43 Resp: 4522
Ion Ratio Lower Upper
43 100
61 14.9 13.0 19.4
70 12.8 11.0 16.6

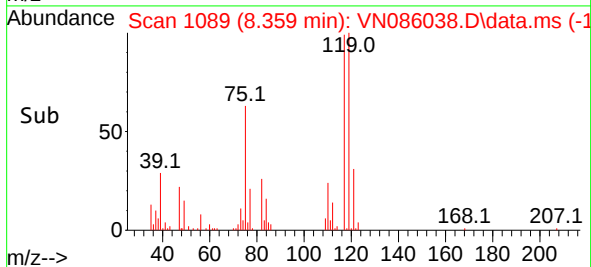
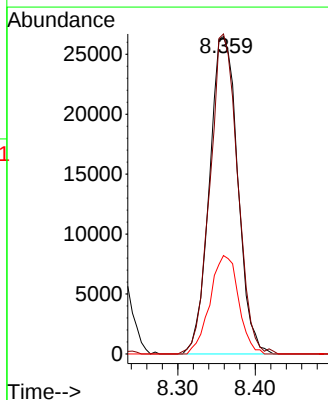
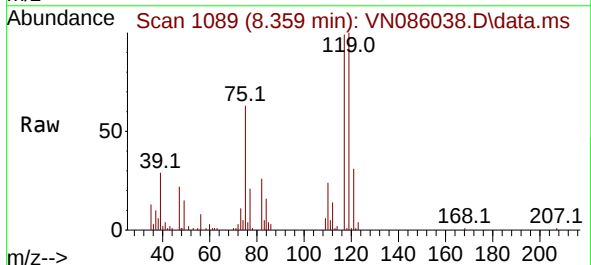
Manual Integrations
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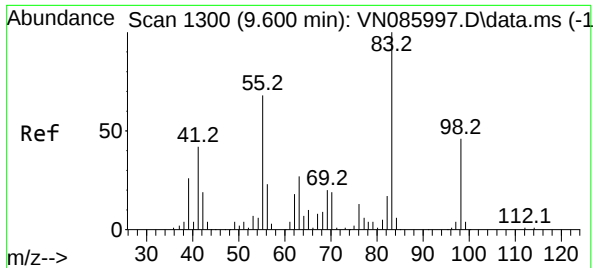
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#38
Carbon Tetrachloride
Concen: 21.479 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

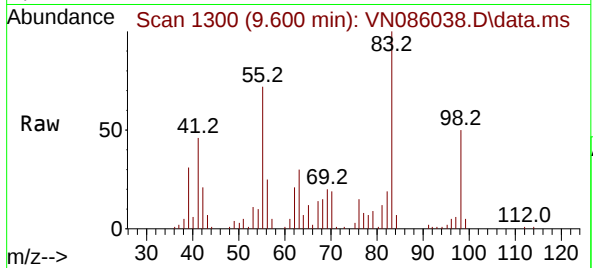
Tgt Ion:117 Resp: 67014
Ion Ratio Lower Upper
117 100
119 100.8 77.0 115.4
121 31.0 25.6 38.4





#39
Methylcyclohexane
Concen: 19.630 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

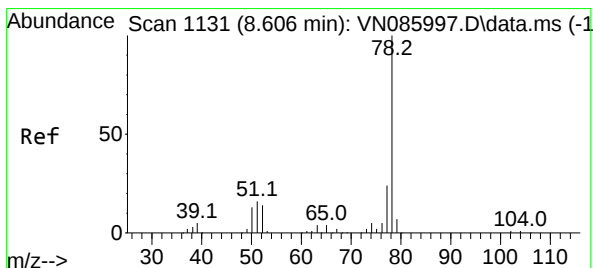
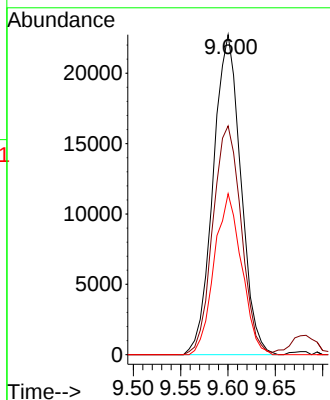
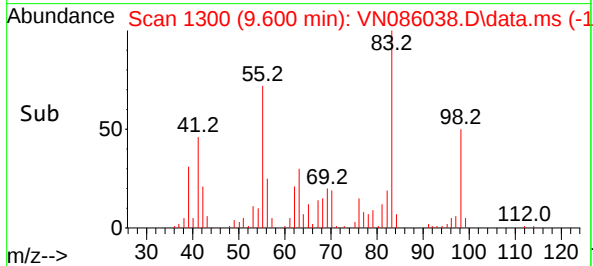
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01



Tgt Ion: 83 Resp: 46214
Ion Ratio Lower Upper
83 100
55 71.5 54.2 81.2
98 50.3 37.1 55.7

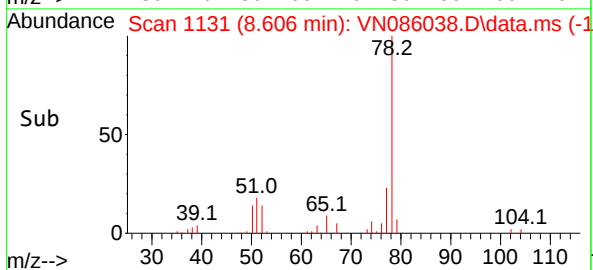
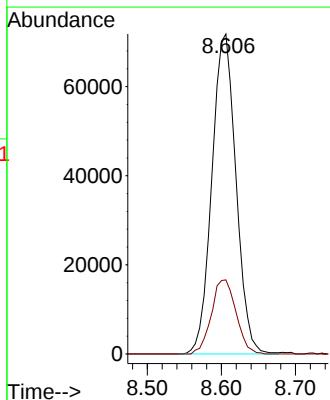
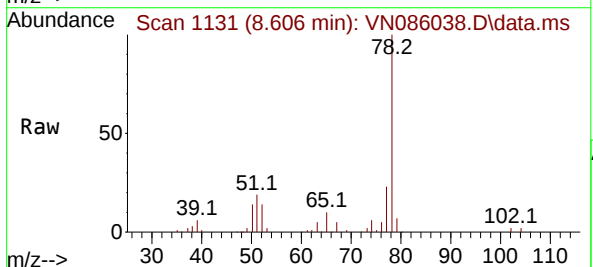
Manual Integrations
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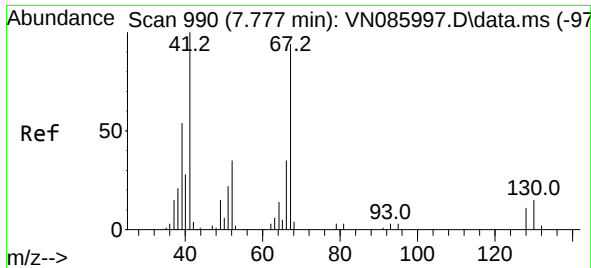
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#40
Benzene
Concen: 21.796 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

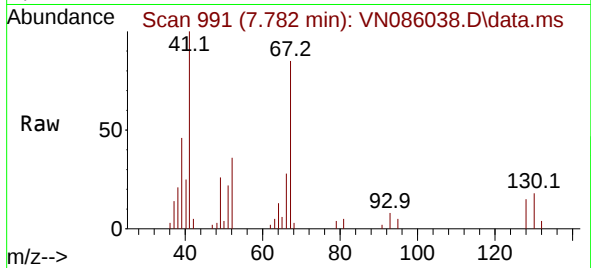
Tgt Ion: 78 Resp: 162359
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3





#41
Methacrylonitrile
Concen: 23.980 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

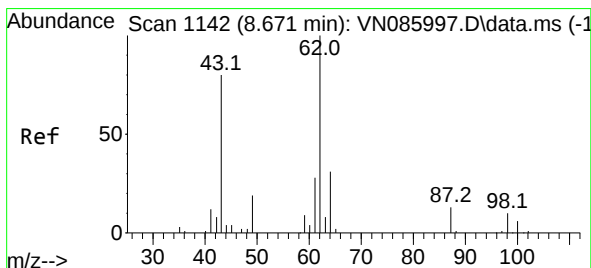
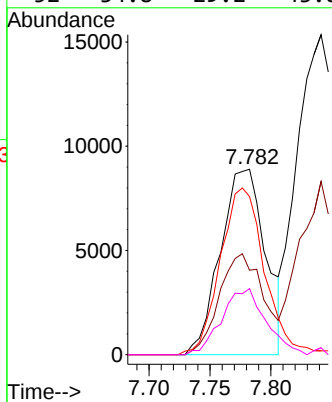
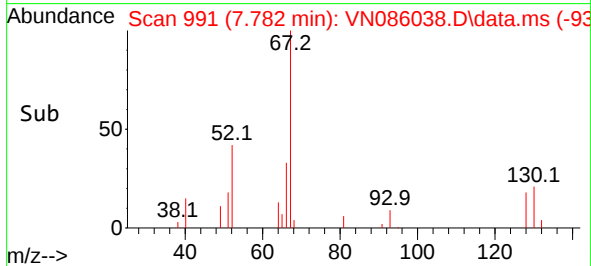
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01



Tgt Ion: 41 Resp: 2292
Ion Ratio Lower Upper
41 100
39 53.4 46.2 69.2
67 88.3 75.9 113.9
52 34.8 29.2 43.8

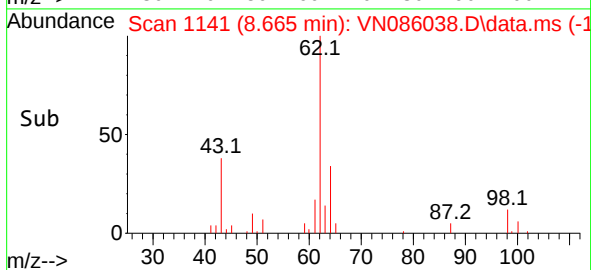
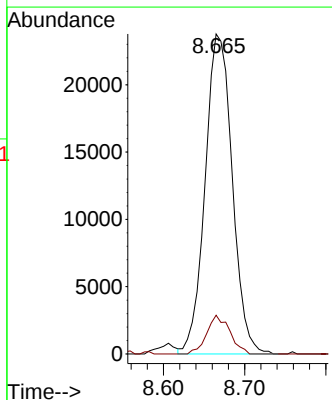
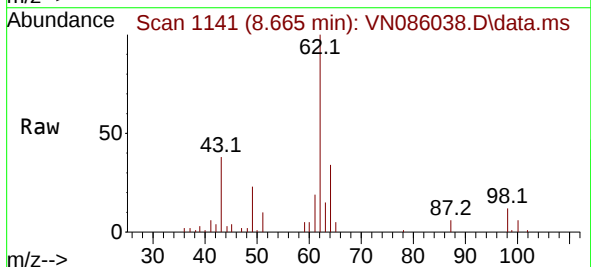
Manual Integrations
APPROVED

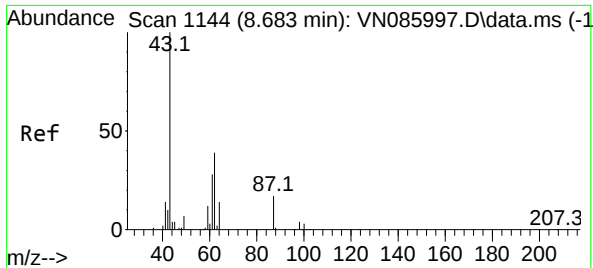
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#42
1,2-Dichloroethane
Concen: 21.302 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

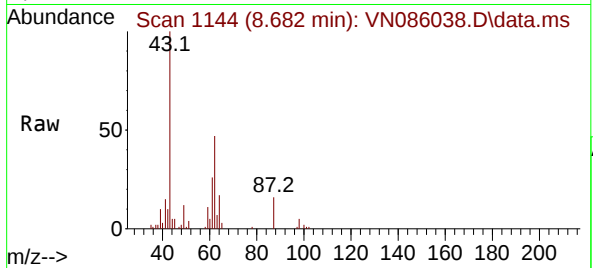
Tgt Ion: 62 Resp: 55289
Ion Ratio Lower Upper
62 100
98 10.3 0.0 18.6





#43
Isopropyl Acetate
Concen: 16.522 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

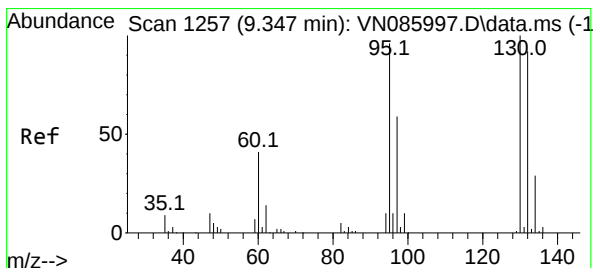
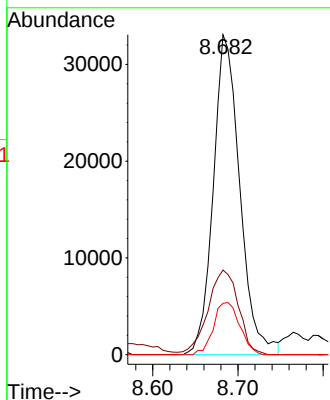
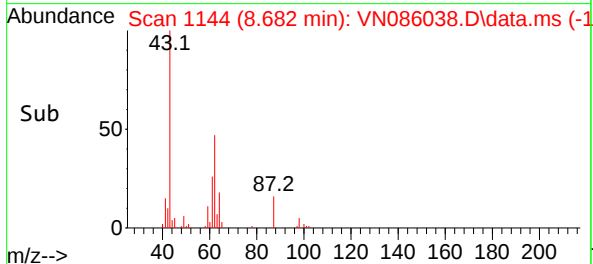
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01



Tgt Ion: 43 Resp: 71672
Ion Ratio Lower Upper
43 100
61 30.4 25.0 37.6
87 16.1 13.0 19.4

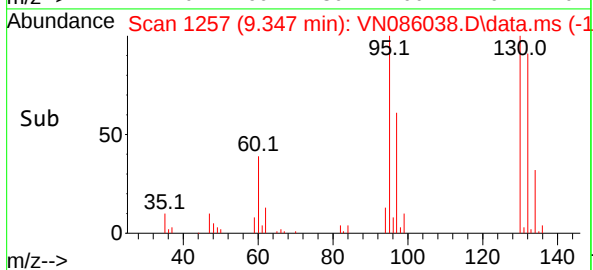
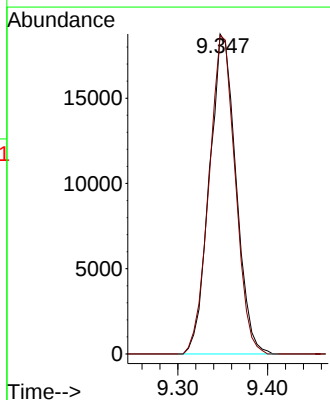
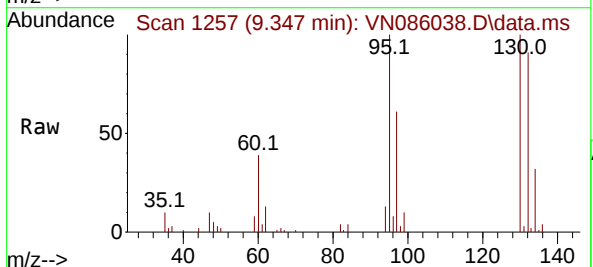
Manual Integrations
APPROVED

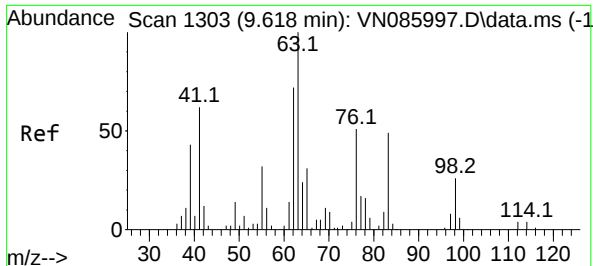
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#44
Trichloroethene
Concen: 19.934 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Tgt Ion:130 Resp: 38484
Ion Ratio Lower Upper
130 100
95 99.6 0.0 191.6





#45

1,2-Dichloropropane

Concen: 22.483 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086038.D

Acq: 21 Mar 2025 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBS01

Tgt Ion: 63 Resp: 3809

Ion Ratio Lower Upper

63 100

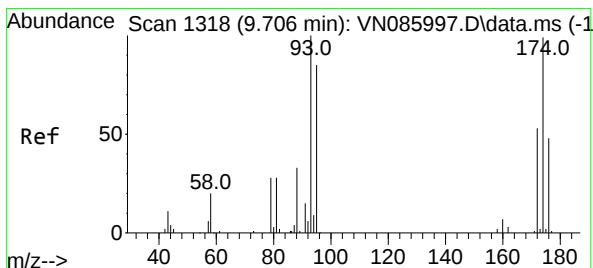
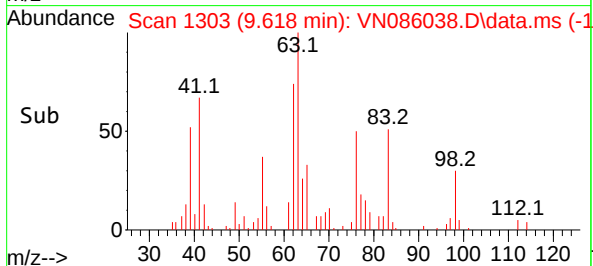
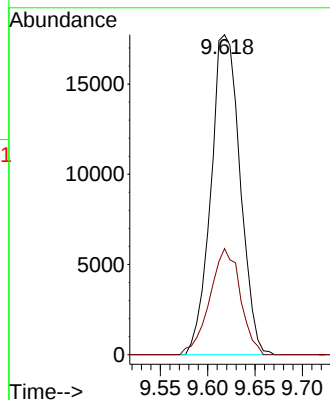
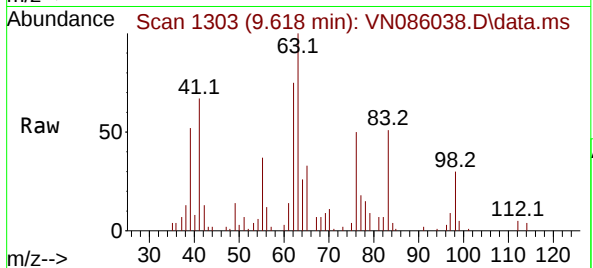
65 33.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/24/2025

Supervised By :Semsettin Yesilyurt 03/24/2025



#46

Dibromomethane

Concen: 22.191 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN086038.D

Acq: 21 Mar 2025 14:16

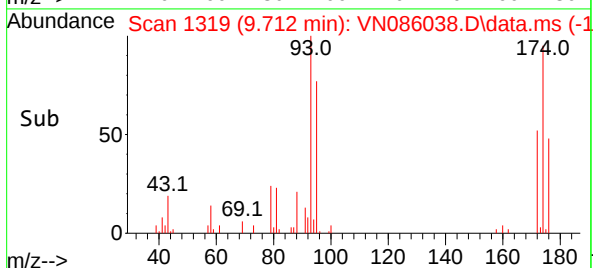
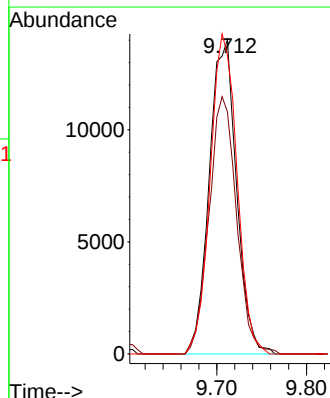
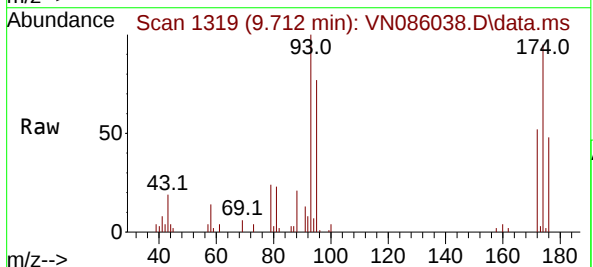
Tgt Ion: 93 Resp: 29567

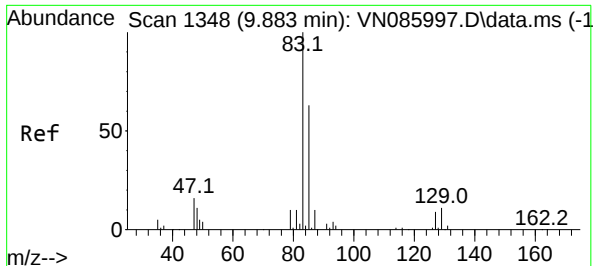
Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.2

174 100.0 80.1 120.1





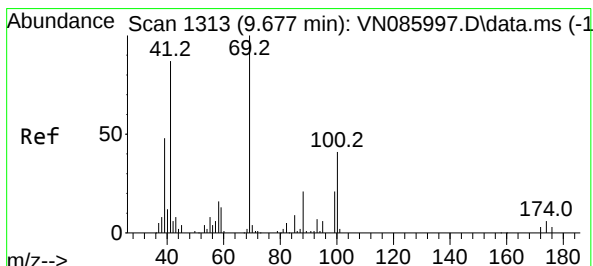
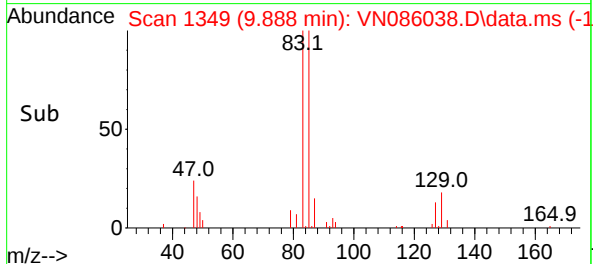
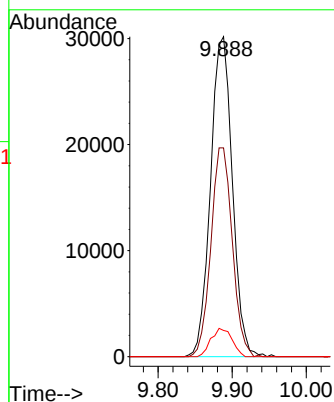
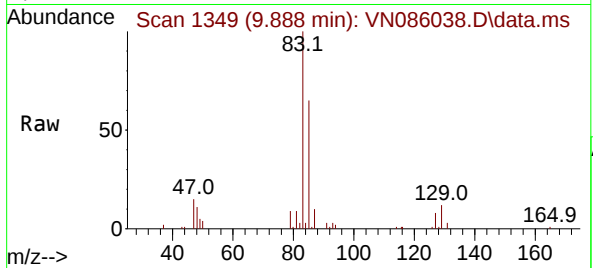
#47
Bromodichloromethane
Concen: 22.172 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

Tgt Ion: 83 Resp: 6174
Ion Ratio Lower Upper
83 100
85 65.3 50.2 75.2
127 8.2 7.1 10.7

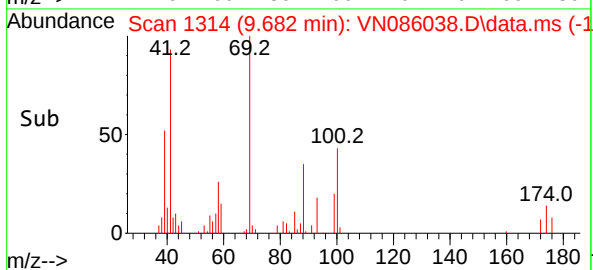
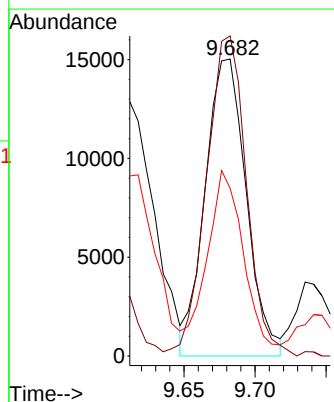
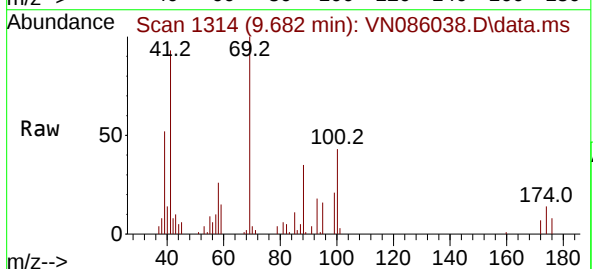
Manual Integrations
APPROVED

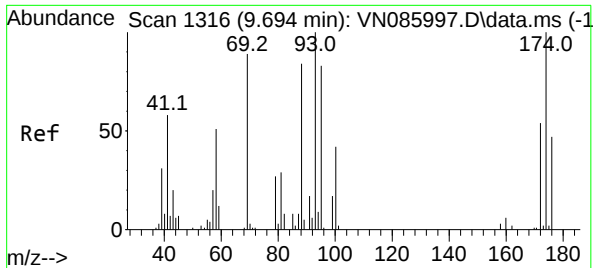
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#48
Methyl methacrylate
Concen: 21.137 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

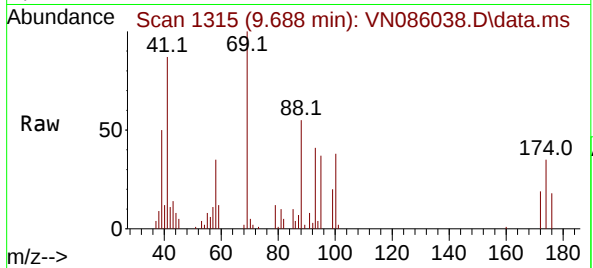
Tgt Ion: 41 Resp: 30257
Ion Ratio Lower Upper
41 100
69 104.7 83.1 124.7
39 56.6 45.6 68.4





#49
1,4-Dioxane
Concen: 468.247 ug/l
RT: 9.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

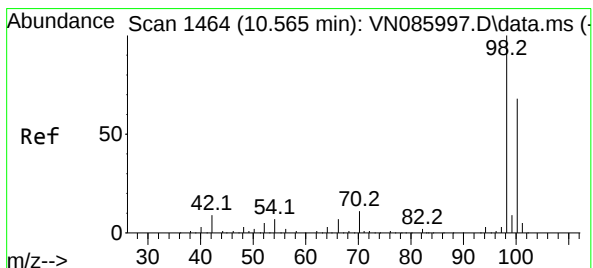
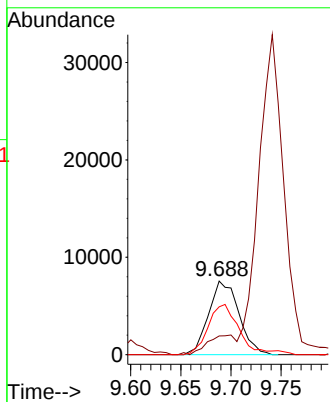
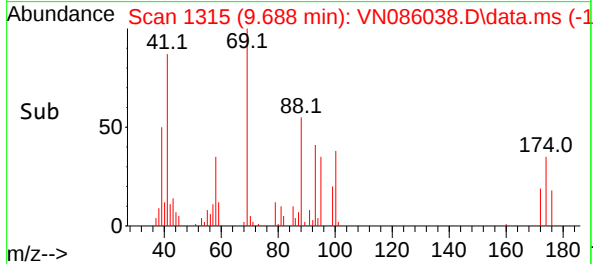
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01



Tgt Ion: 88 Resp: 1584
Ion Ratio Lower Upper
88 100
43 25.3 21.7 32.5
58 70.8 50.4 75.6

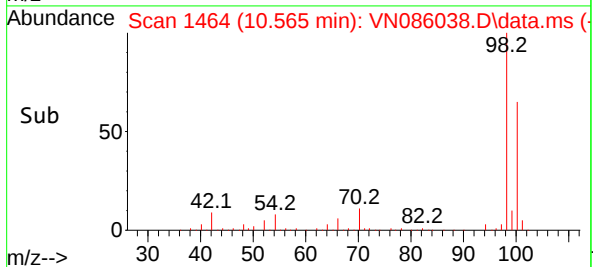
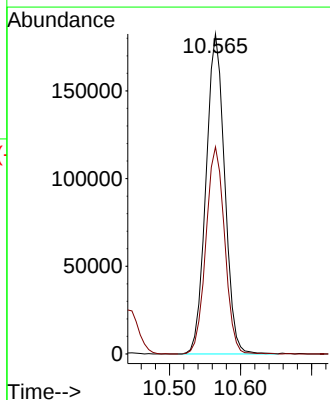
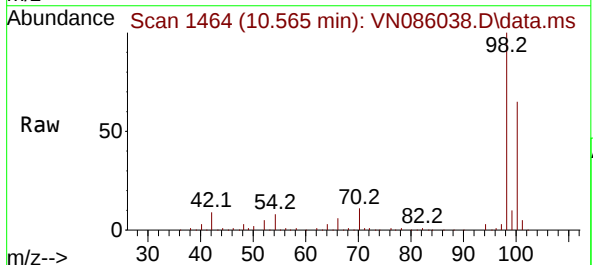
Manual Integrations
APPROVED

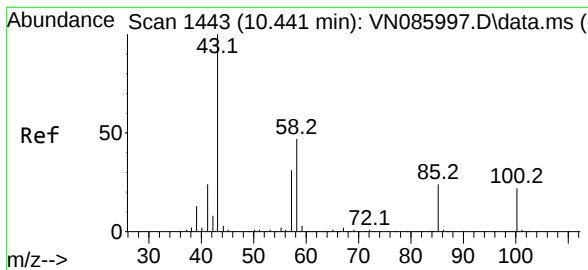
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#50
Toluene-d8
Concen: 50.922 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

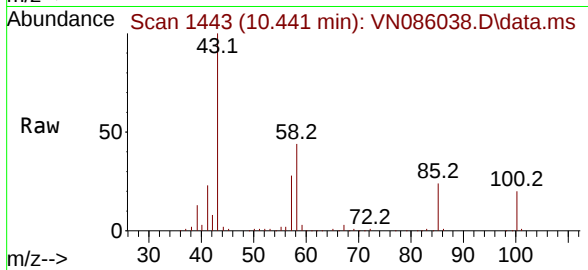
Tgt Ion: 98 Resp: 333039
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 115.724 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

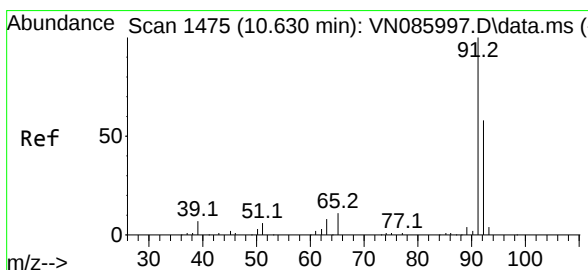
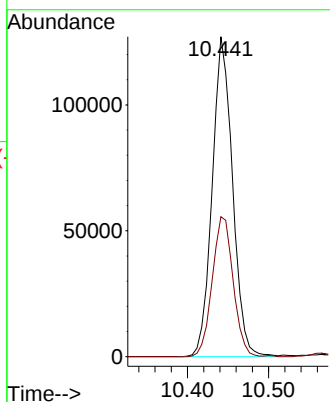
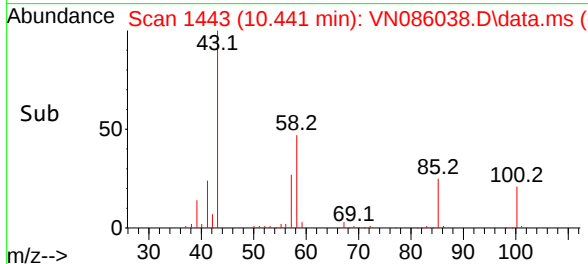
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01



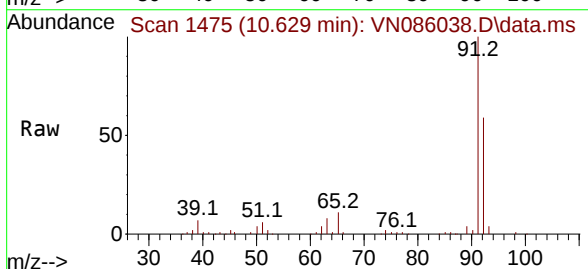
Tgt Ion: 43 Resp: 221392
Ion Ratio Lower Upper
43 100
58 45.0 37.4 56.0

Manual Integrations
APPROVED

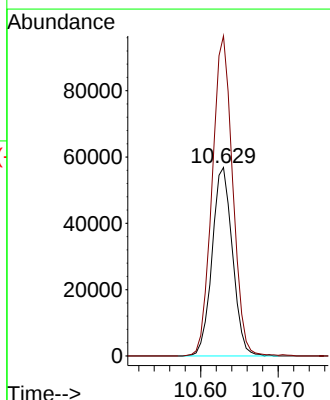
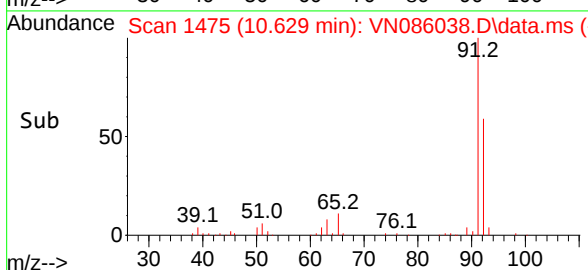
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

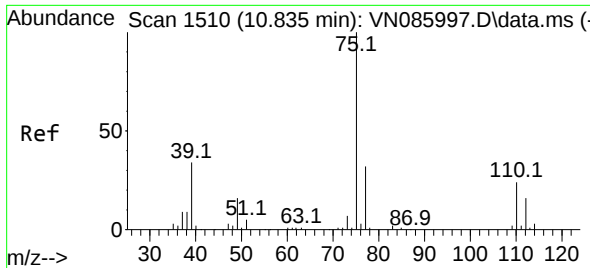


#52
Toluene
Concen: 22.676 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16



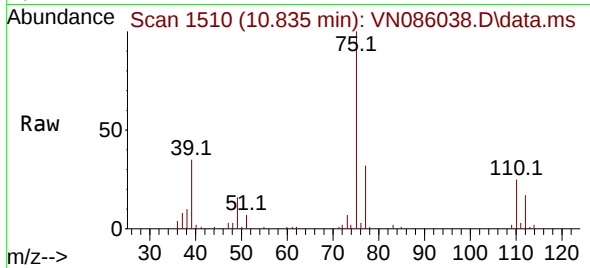
Tgt Ion: 92 Resp: 103671
Ion Ratio Lower Upper
92 100
91 171.1 136.2 204.4





#53
t-1,3-Dichloropropene
Concen: 21.051 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

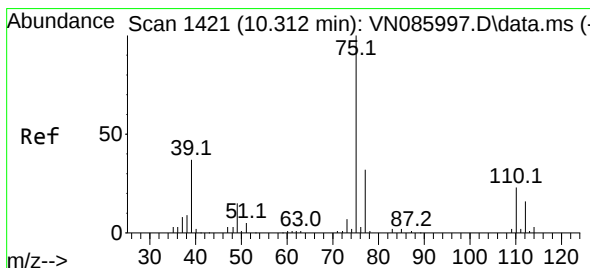
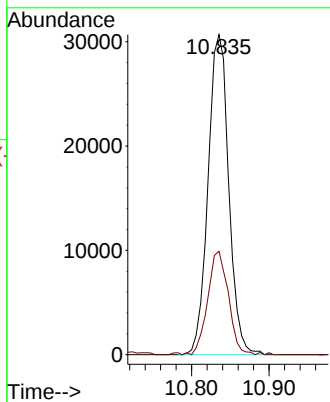
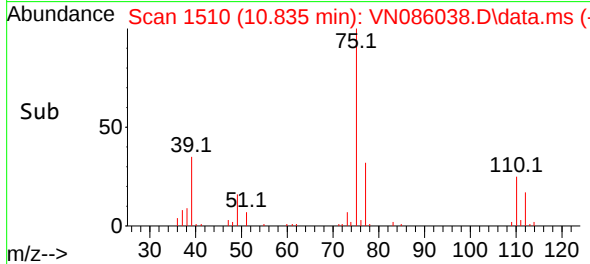
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01



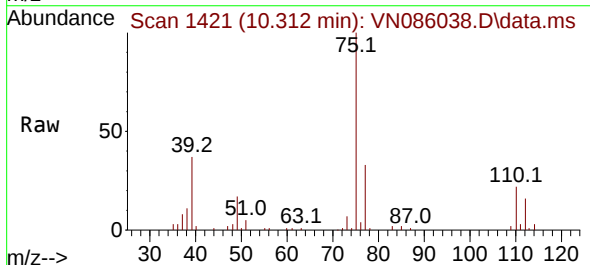
Tgt Ion: 75 Resp: 56928
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9

Manual Integrations
APPROVED

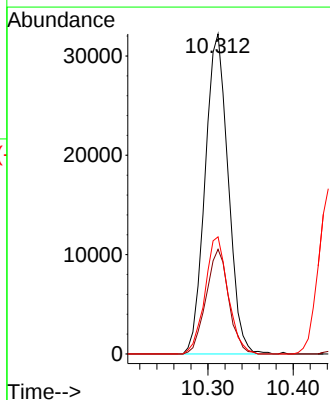
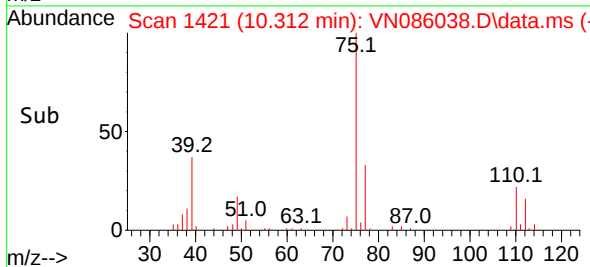
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

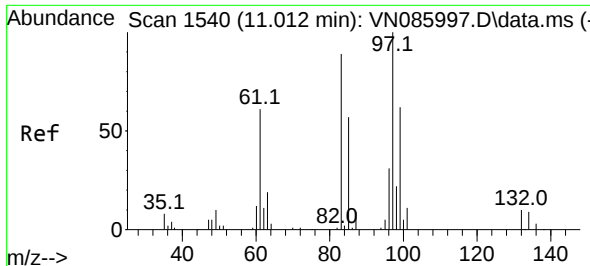


#54
cis-1,3-Dichloropropene
Concen: 21.260 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16



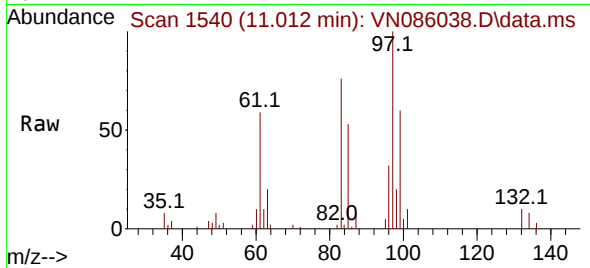
Tgt Ion: 75 Resp: 60660
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9
39 36.6 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 23.493 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

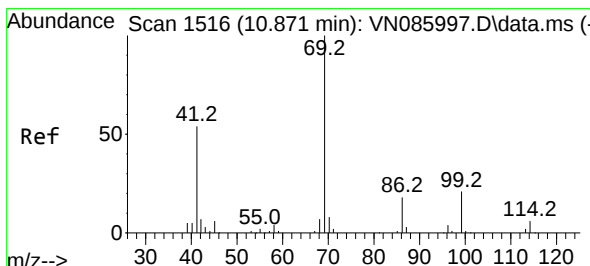
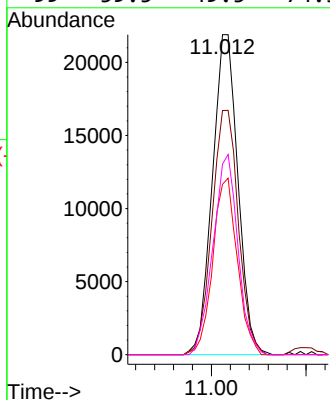
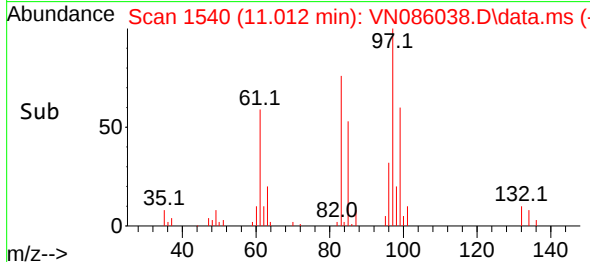
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	76.3	71.2	106.8
85	53.3	45.4	68.0
99	59.5	49.5	74.3

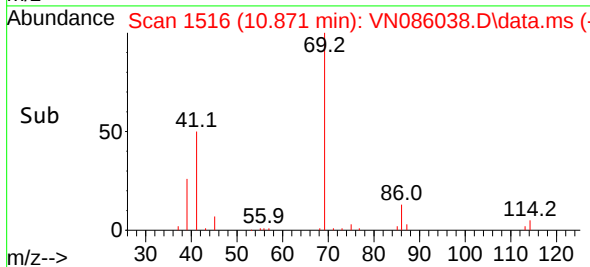
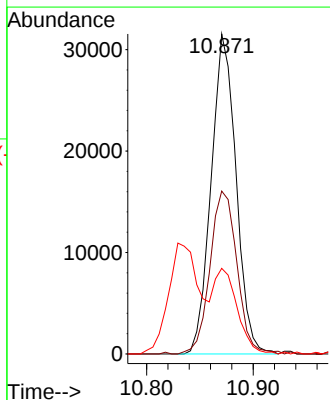
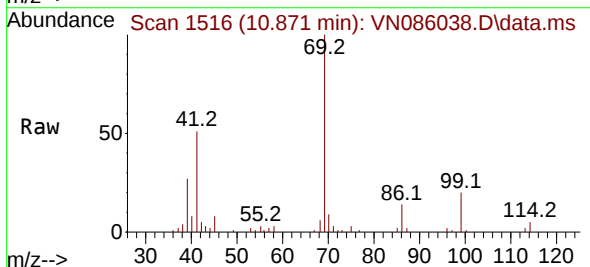
Manual Integrations
APPROVED

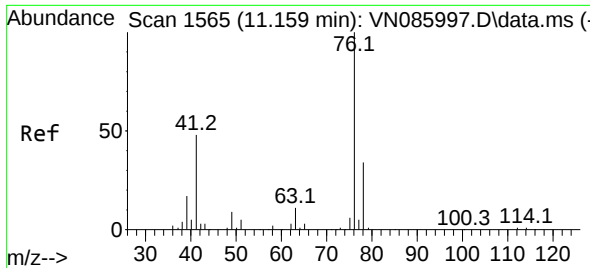
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#56
Ethyl methacrylate
Concen: 21.321 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Tgt Ion	Ratio	Lower	Upper
69	100		
41	55.3	41.6	62.4
39	24.7	21.8	32.8





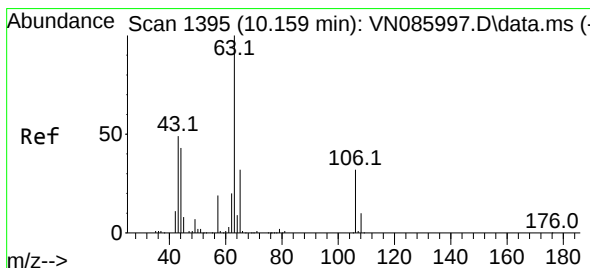
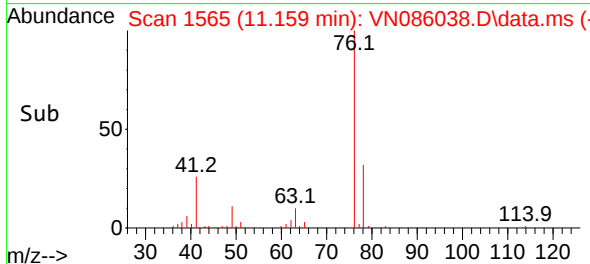
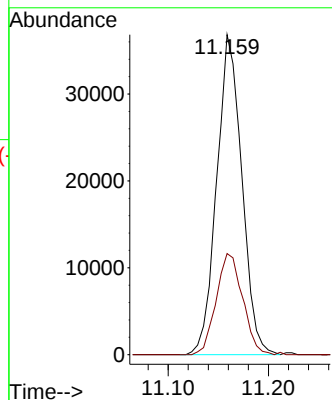
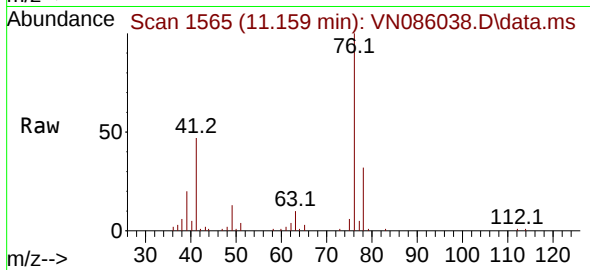
#57
1,3-Dichloropropane
Concen: 21.574 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

Tgt Ion: 76 Resp: 6394
Ion Ratio Lower Upper
76 100
78 33.2 25.8 38.6

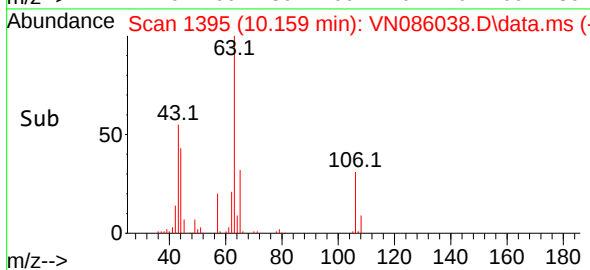
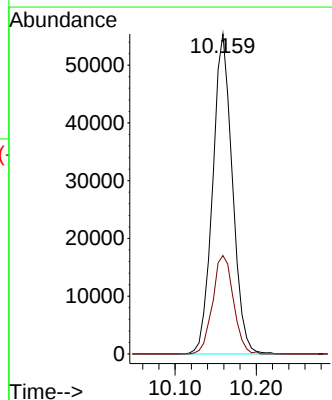
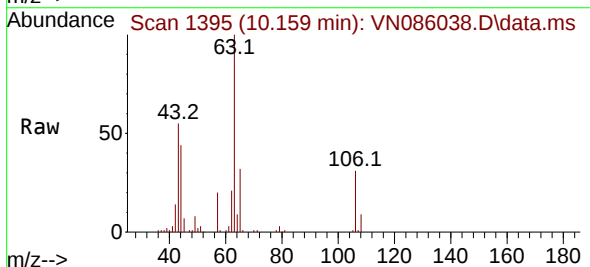
Manual Integrations
APPROVED

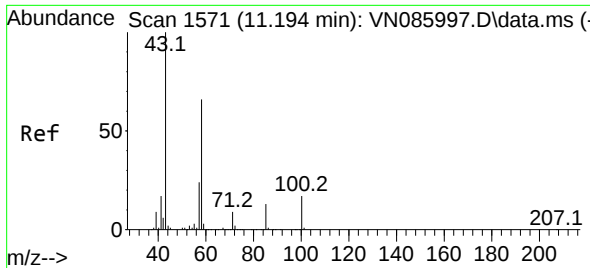
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#58
2-Chloroethyl Vinyl ether
Concen: 103.446 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

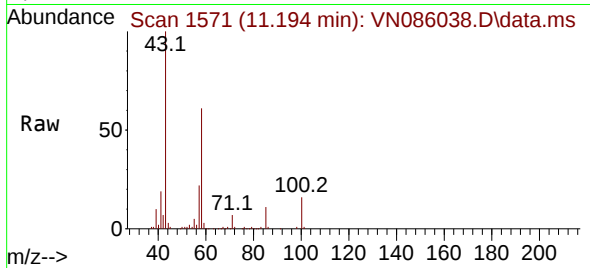
Tgt Ion: 63 Resp: 93430
Ion Ratio Lower Upper
63 100
106 32.3 25.0 37.6





#59
2-Hexanone
Concen: 117.729 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

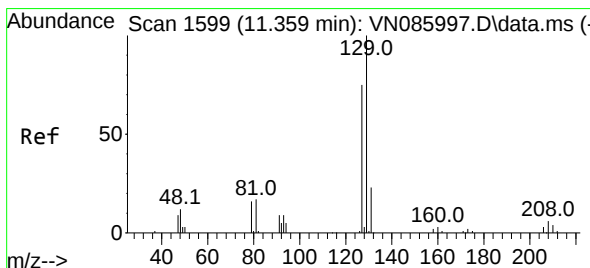
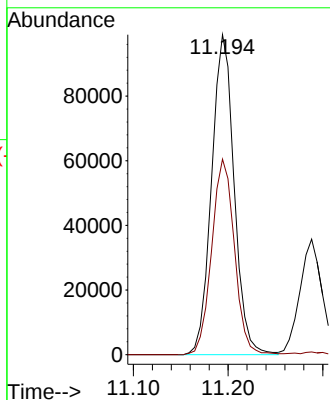
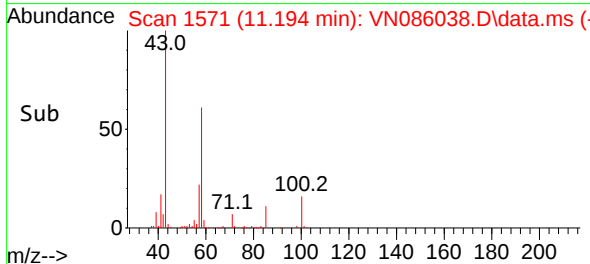
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01



Tgt Ion: 43 Resp: 16407
Ion Ratio Lower Upper
43 100
58 61.6 32.4 97.2

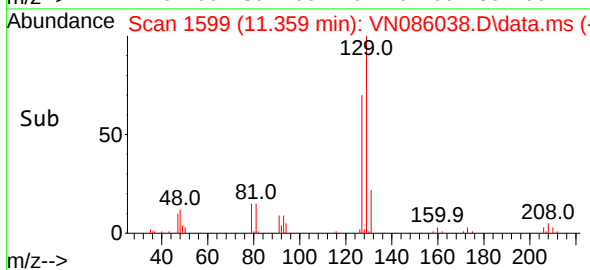
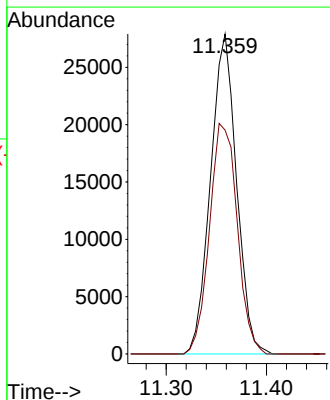
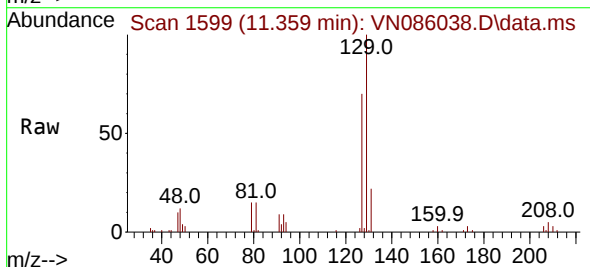
Manual Integrations
APPROVED

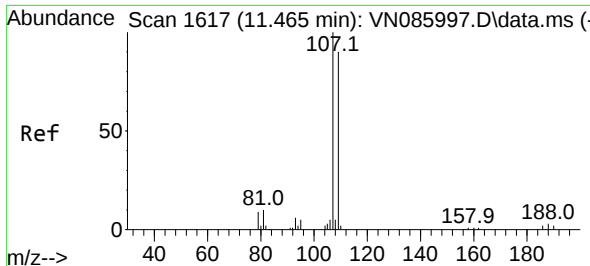
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#60
Dibromochloromethane
Concen: 22.283 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Tgt Ion:129 Resp: 50174
Ion Ratio Lower Upper
129 100
127 76.8 37.8 113.4





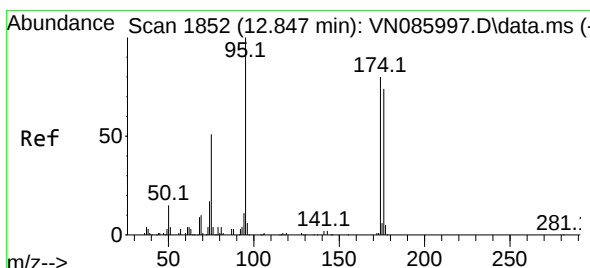
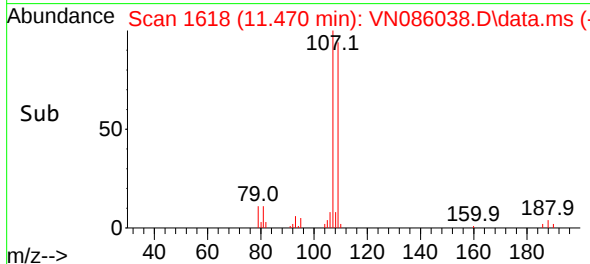
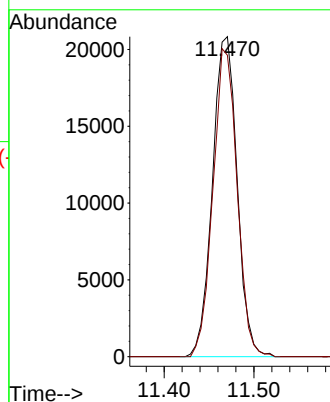
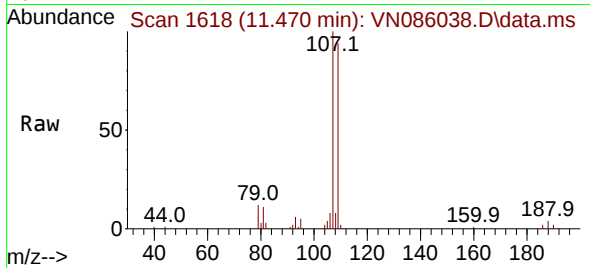
#61
1,2-Dibromoethane
Concen: 22.191 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

Tgt Ion:107 Resp: 39752
Ion Ratio Lower Upper
107 100
109 94.2 73.3 109.9

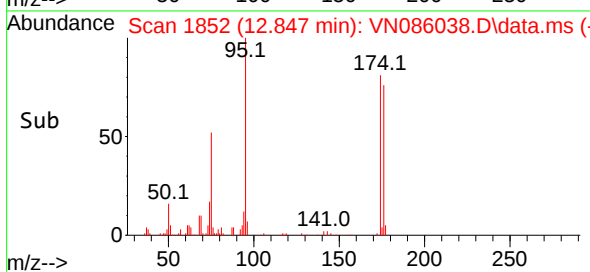
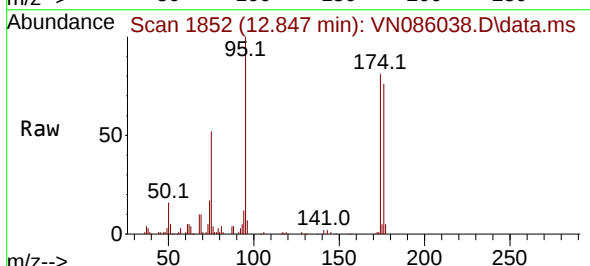
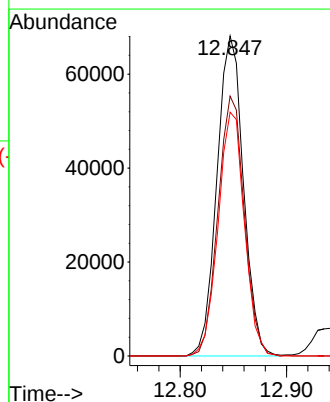
Manual Integrations
APPROVED

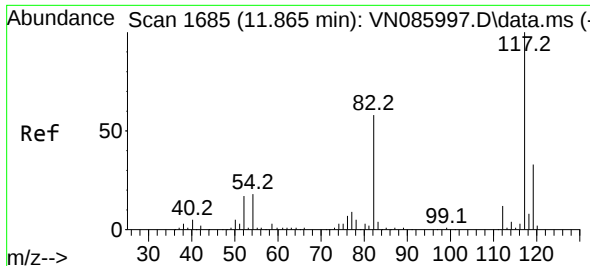
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#62
4-Bromofluorobenzene
Concen: 50.414 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

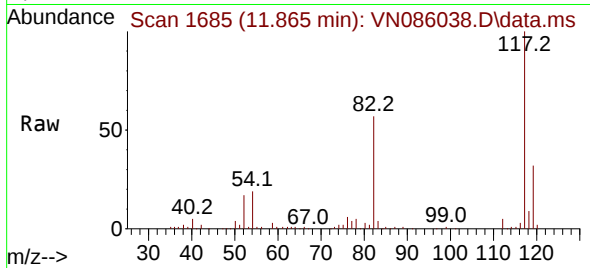
Tgt Ion: 95 Resp: 117587
Ion Ratio Lower Upper
95 100
174 80.7 0.0 156.8
176 75.6 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

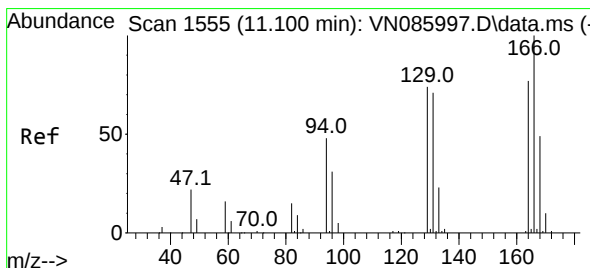
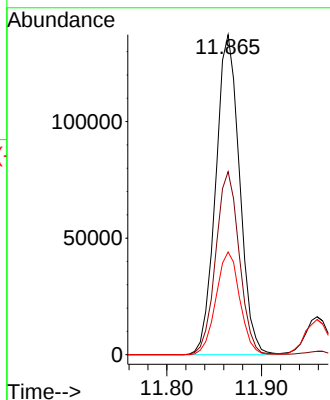
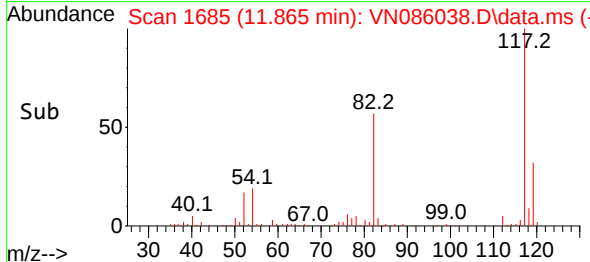
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01



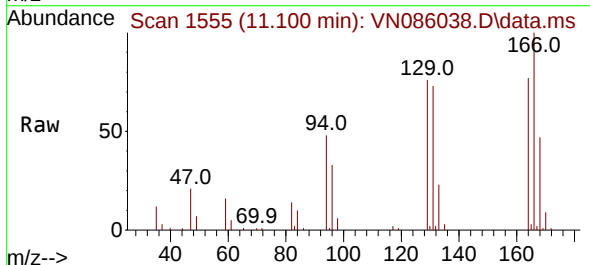
Tgt Ion:117 Resp: 240248
Ion Ratio Lower Upper
117 100
82 57.2 46.7 70.1
119 32.1 26.5 39.7

Manual Integrations
APPROVED

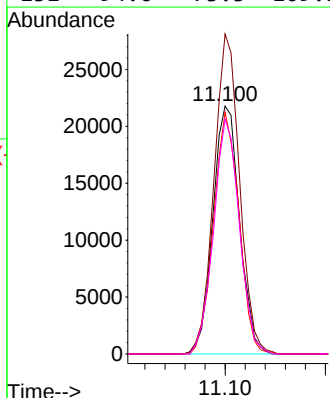
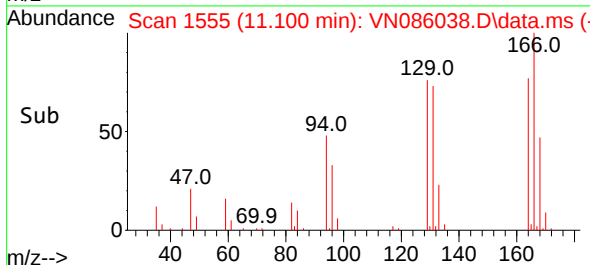
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

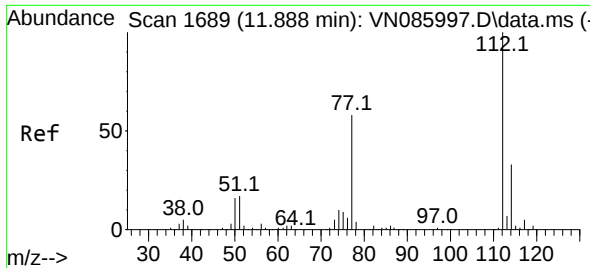


#64
Tetrachloroethene
Concen: 20.925 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16



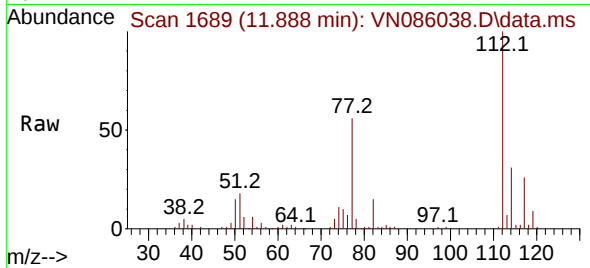
Tgt Ion:164 Resp: 40102
Ion Ratio Lower Upper
164 100
166 129.1 103.7 155.5
129 97.5 77.1 115.7
131 94.6 73.3 109.9





#65
Chlorobenzene
Concen: 20.402 ug/l
RT: 11.888 min Scan# 112159
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

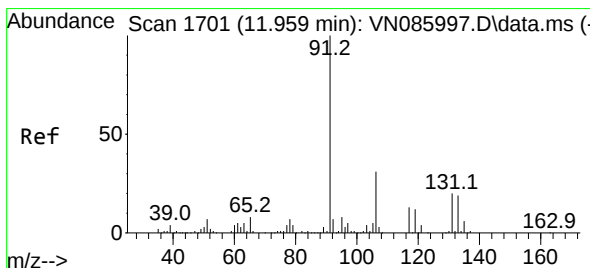
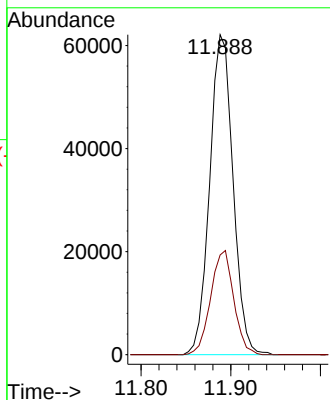
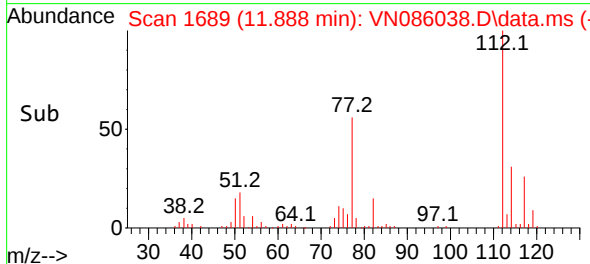
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01



Tgt Ion:112 Resp: 112159
Ion Ratio Lower Upper
112 100
114 31.1 26.3 39.5

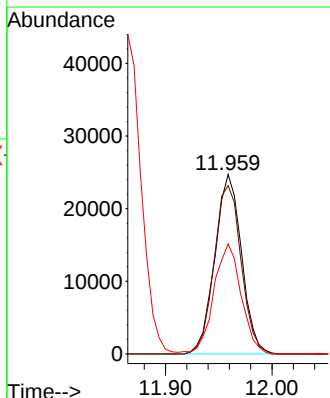
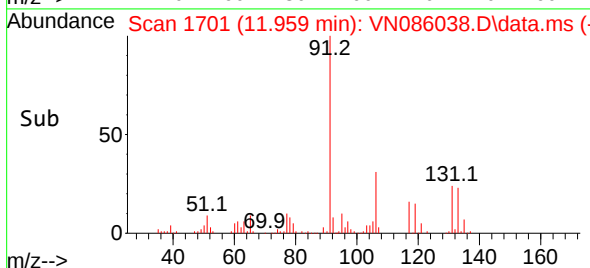
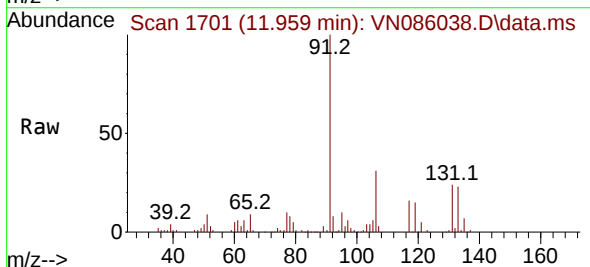
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.997 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

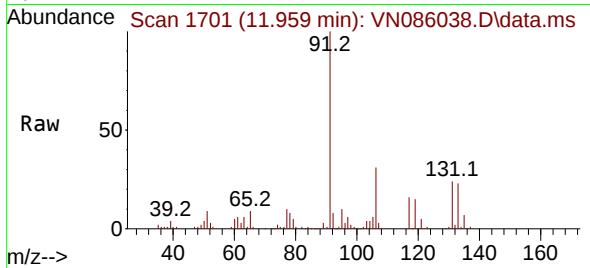
Tgt Ion:131 Resp: 42909
Ion Ratio Lower Upper
131 100
133 95.8 47.0 141.0
119 62.9 31.4 94.0





#67
Ethyl Benzene
Concen: 19.896 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

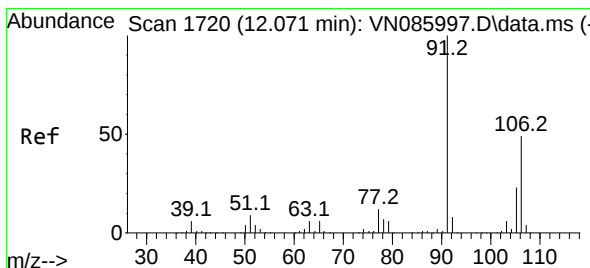
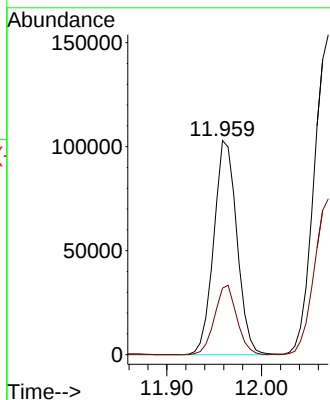
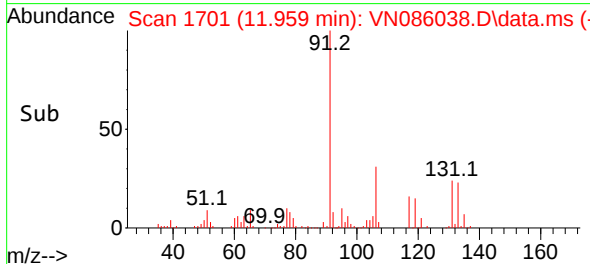
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01



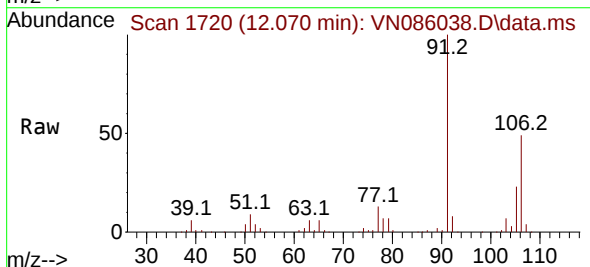
Tgt Ion: 91 Resp: 17496
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7

Manual Integrations
APPROVED

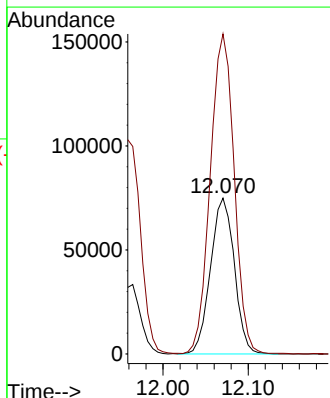
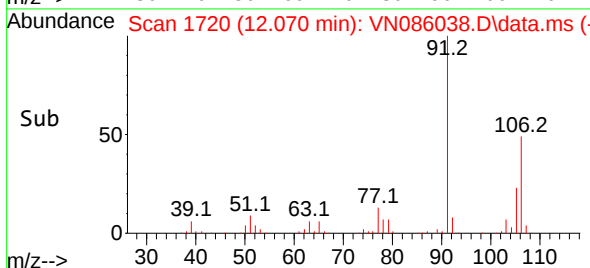
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

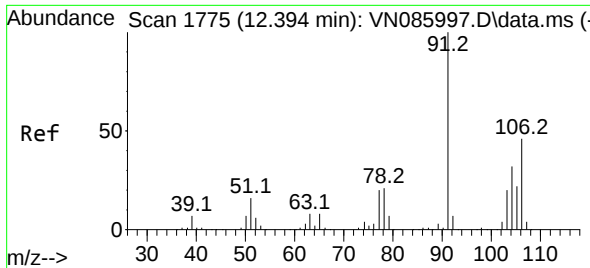


#68
m/p-Xylenes
Concen: 42.084 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16



Tgt Ion:106 Resp: 145460
Ion Ratio Lower Upper
106 100
91 206.9 163.9 245.9





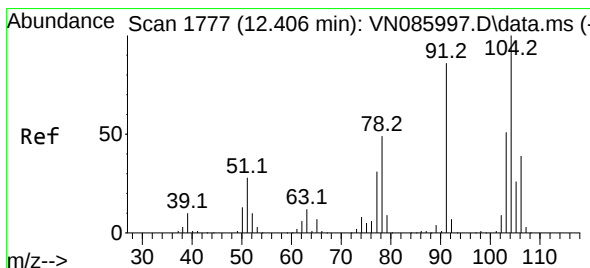
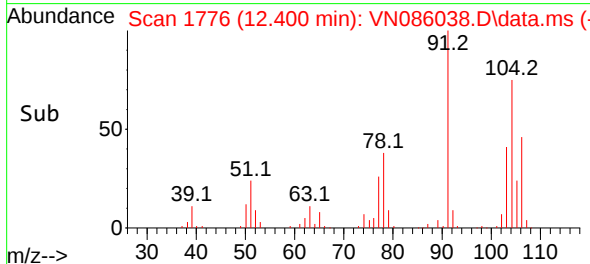
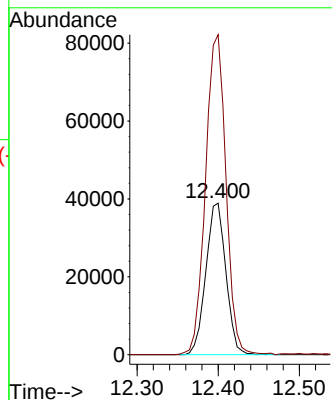
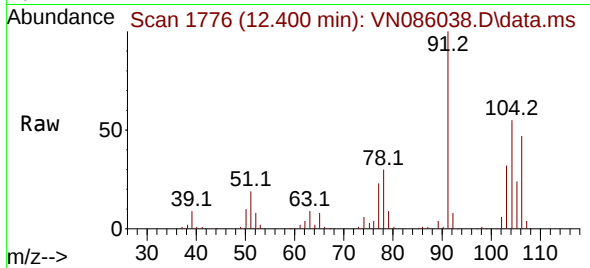
#69
o-Xylene
Concen: 20.996 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

Tgt Ion:106 Resp: 66608
Ion Ratio Lower Upper
106 100
91 215.4 109.1 327.2

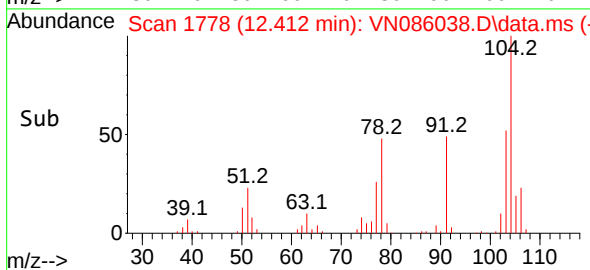
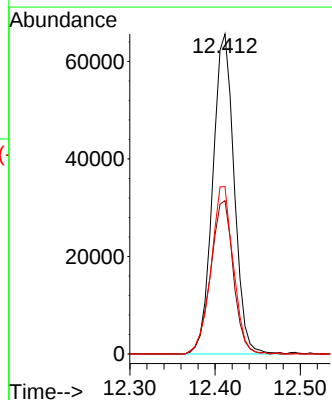
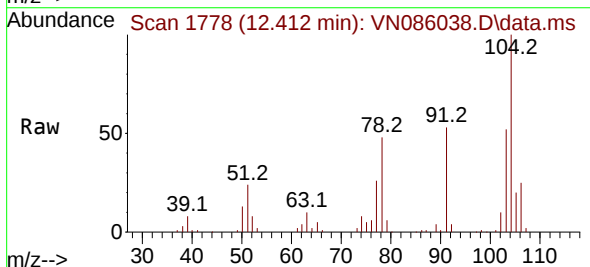
Manual Integrations
APPROVED

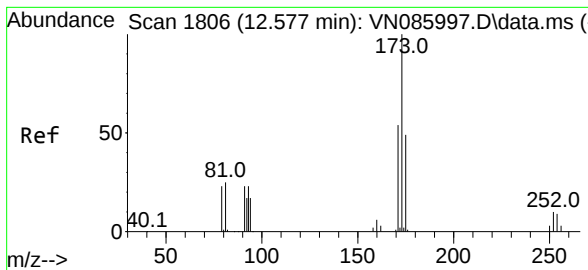
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#70
Styrene
Concen: 21.161 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

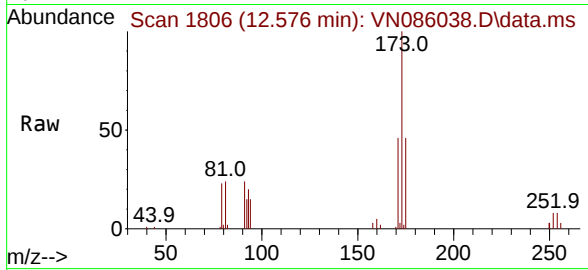
Tgt Ion:104 Resp: 114658
Ion Ratio Lower Upper
104 100
78 50.7 41.4 62.2
103 54.3 42.9 64.3





#71
Bromoform
Concen: 21.462 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

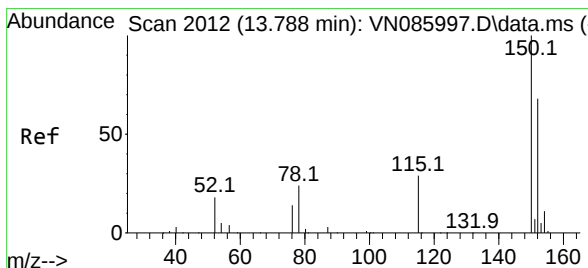
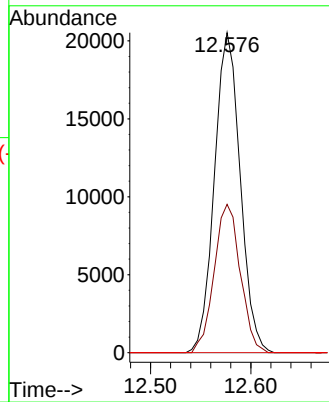
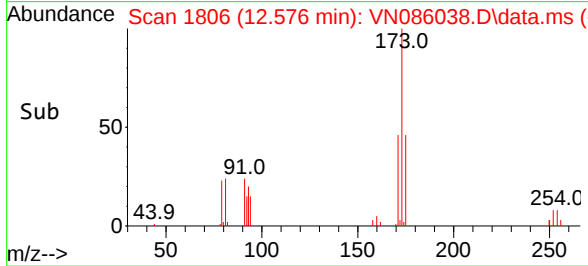
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01



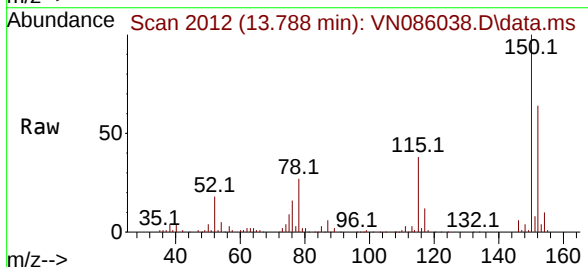
Tgt Ion:173 Resp: 3666
Ion Ratio Lower Upper
173 100
175 47.0 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

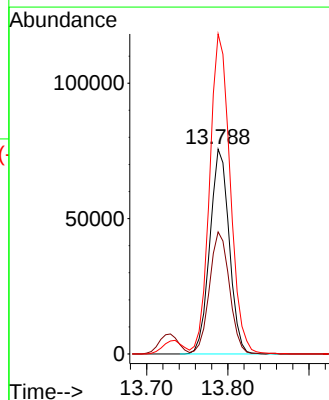
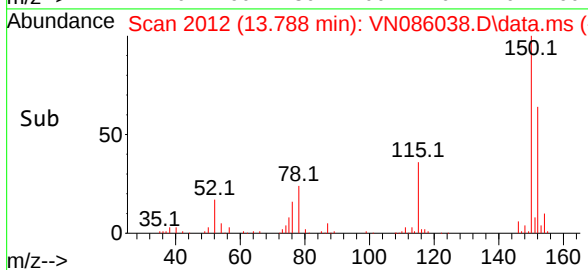
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

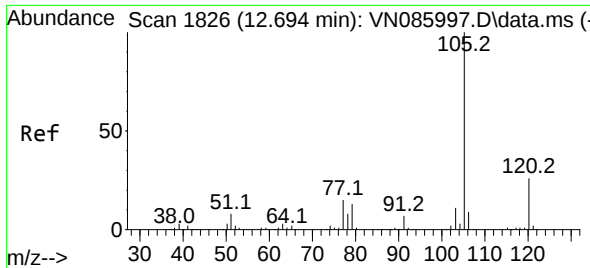


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16



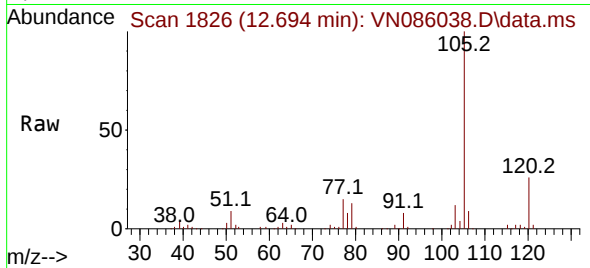
Tgt Ion:152 Resp: 125213
Ion Ratio Lower Upper
152 100
115 61.5 31.1 93.2
150 165.4 0.0 359.6





#73
Isopropylbenzene
Concen: 19.128 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

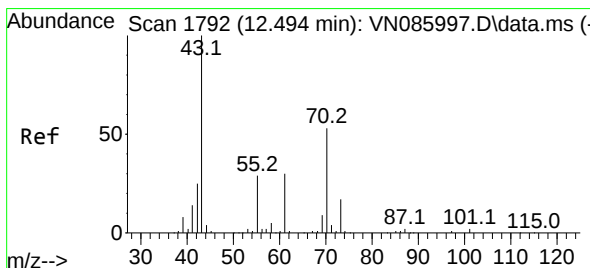
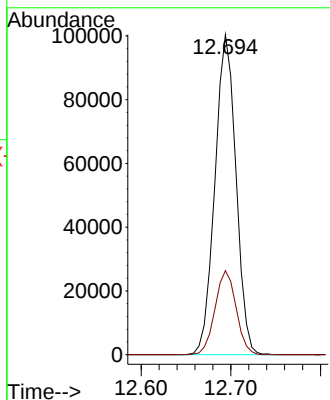
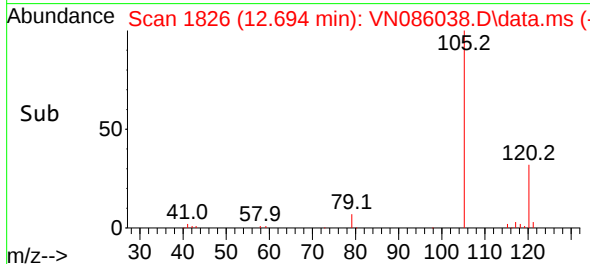
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01



Tgt Ion:105 Resp: 16355
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0

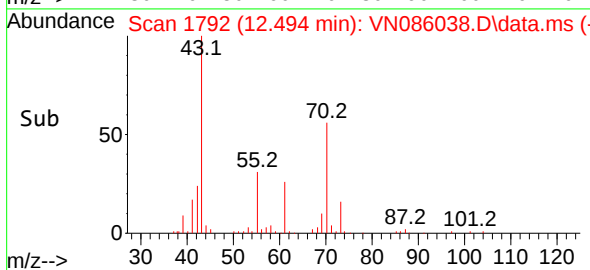
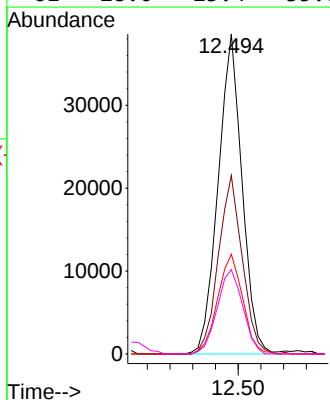
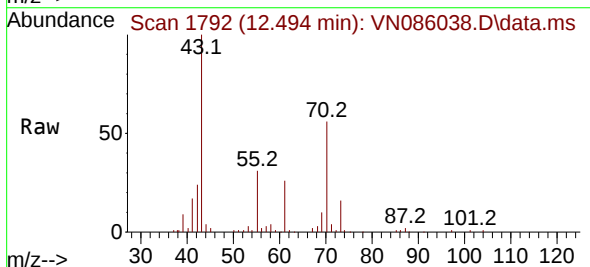
Manual Integrations
APPROVED

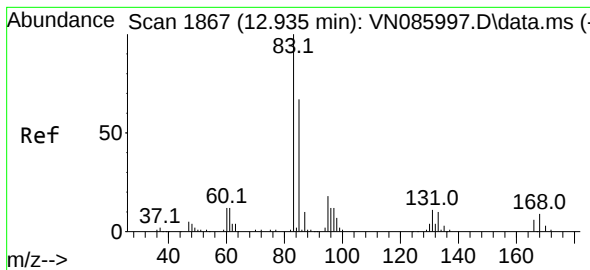
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#74
N-ethyl acetate
Concen: 19.727 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Tgt Ion: 43 Resp: 56434
Ion Ratio Lower Upper
43 100
70 55.7 43.0 64.4
55 32.7 23.8 35.8
61 28.0 23.4 35.0





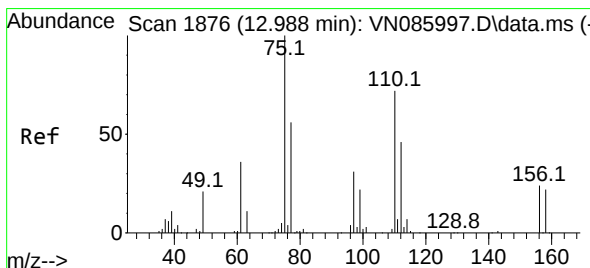
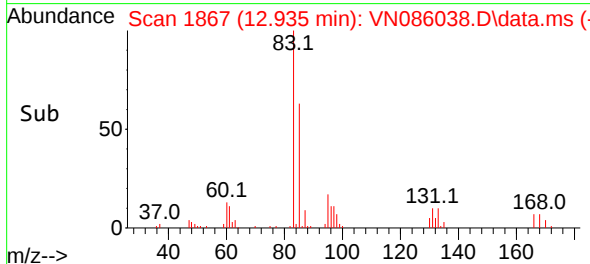
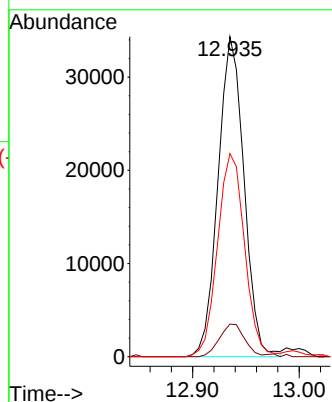
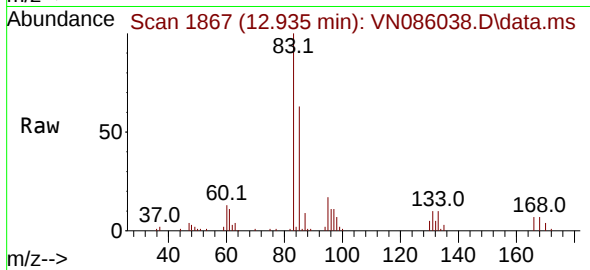
#75
1,1,2,2-Tetrachloroethane
Concen: 20.104 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

Tgt Ion: 83 Resp: 5815
Ion Ratio Lower Upper
83 100
131 10.3 5.5 16.5
85 66.0 32.6 97.8

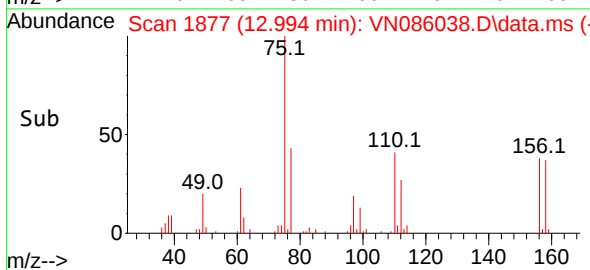
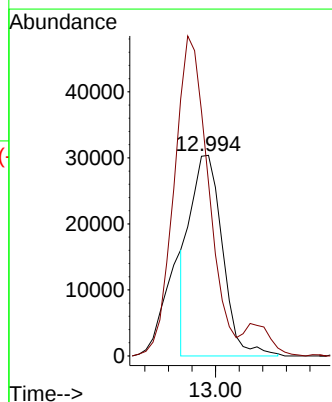
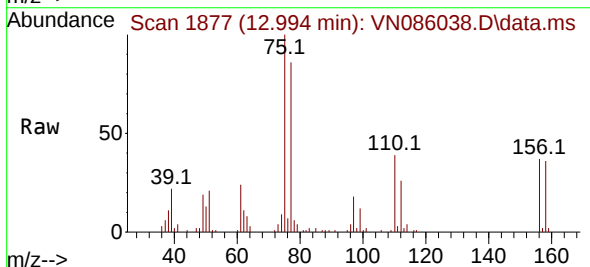
Manual Integrations
APPROVED

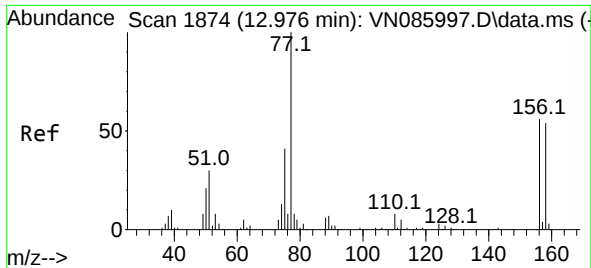
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#76
1,2,3-Trichloropropane
Concen: 20.669 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

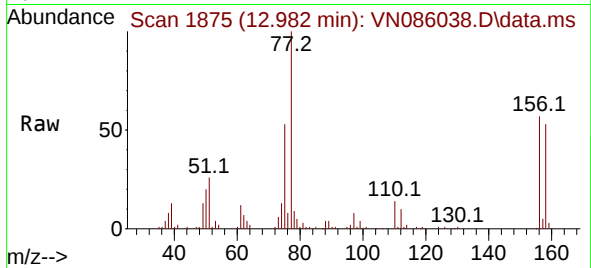
Tgt Ion: 75 Resp: 57942
Ion Ratio Lower Upper
75 100
77 168.0 83.7 251.0





#77
Bromobenzene
Concen: 19.687 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

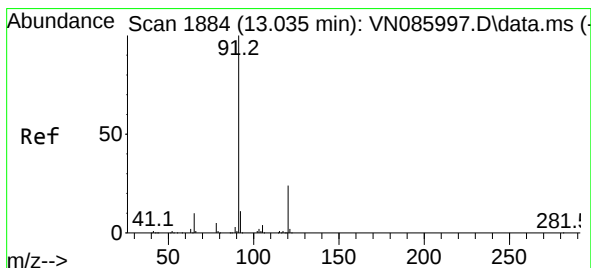
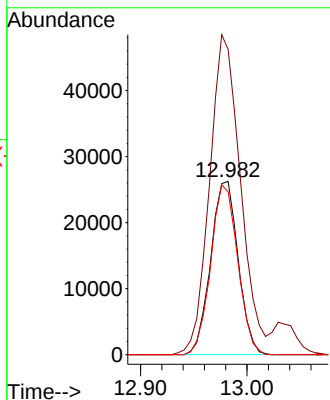
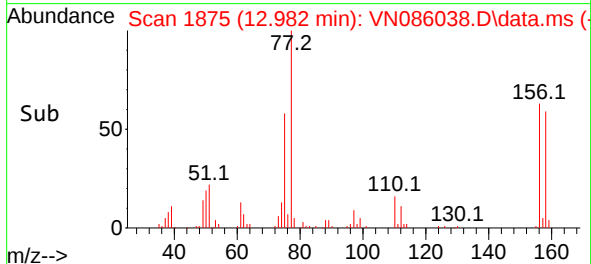
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01



Tgt Ion:156 Resp: 46938
Ion Ratio Lower Upper
156 100
77 207.4 104.1 312.3
158 96.2 49.0 147.0

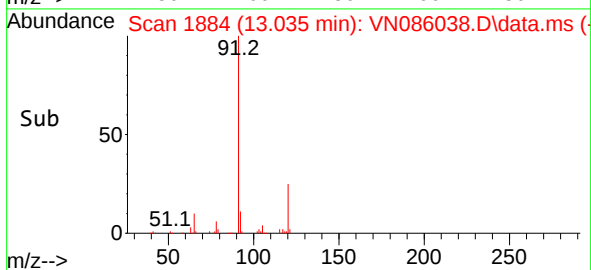
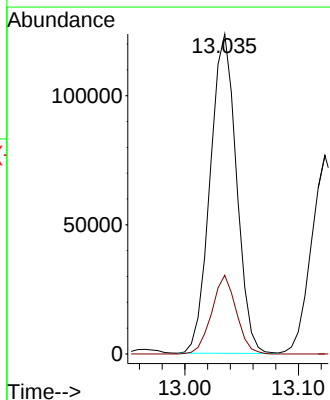
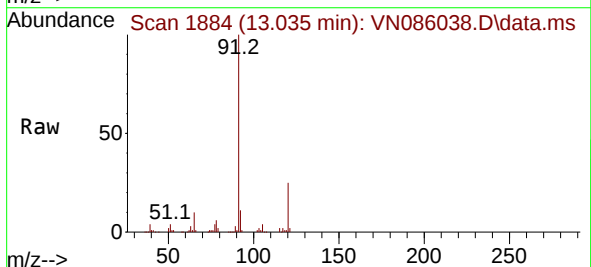
Manual Integrations
APPROVED

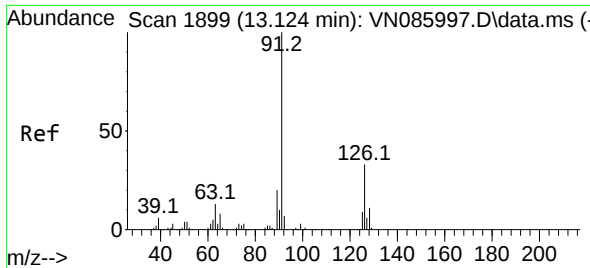
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#78
n-propylbenzene
Concen: 20.539 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Tgt Ion: 91 Resp: 198861
Ion Ratio Lower Upper
91 100
120 23.0 11.7 35.0





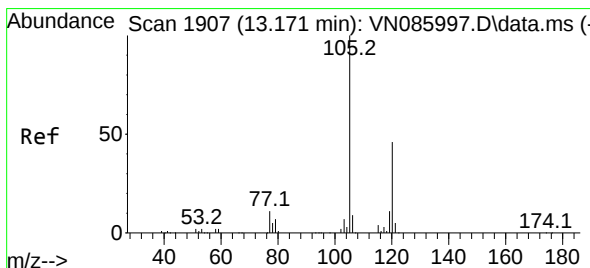
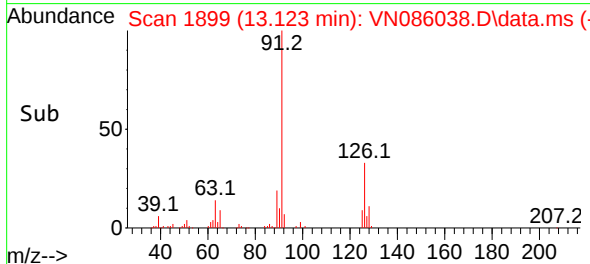
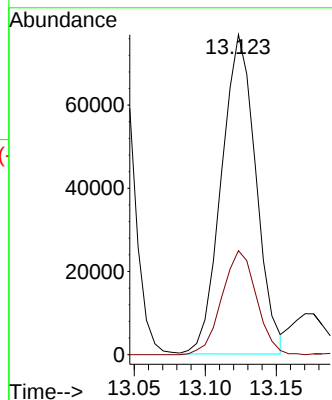
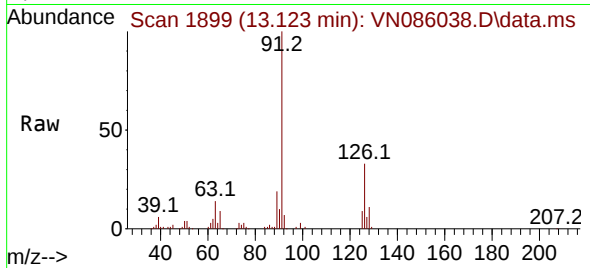
#79
2-Chlorotoluene
Concen: 20.183 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

Tgt Ion: 91 Resp: 12980
Ion Ratio Lower Upper
91 100
126 32.6 16.4 49.2

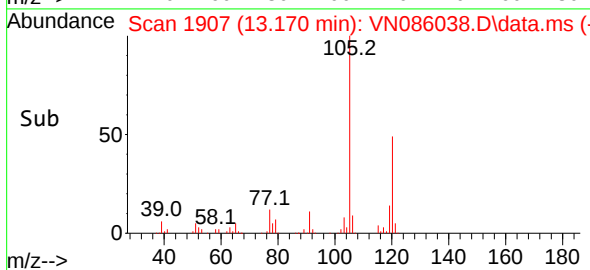
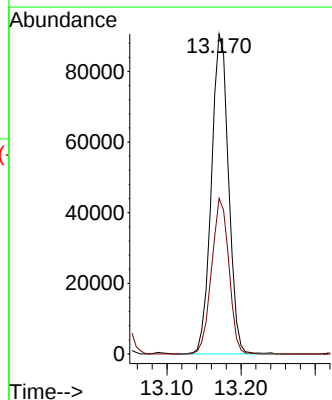
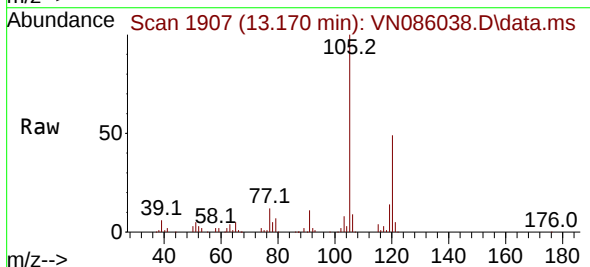
Manual Integrations
APPROVED

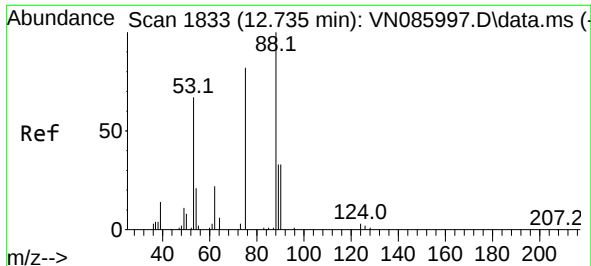
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.183 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

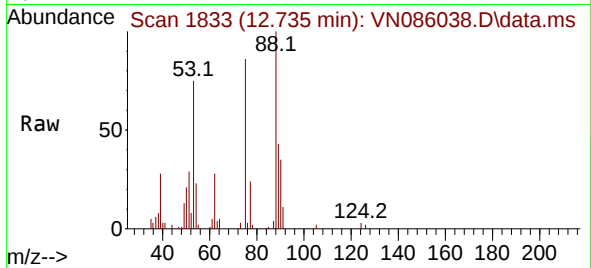
Tgt Ion:105 Resp: 145703
Ion Ratio Lower Upper
105 100
120 49.0 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 19.069 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

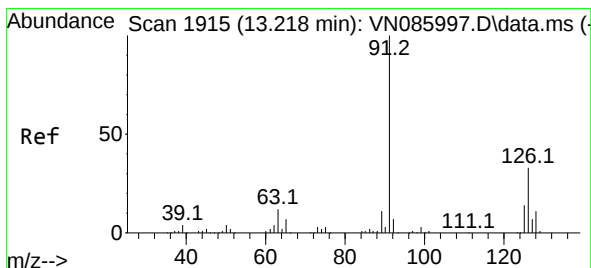
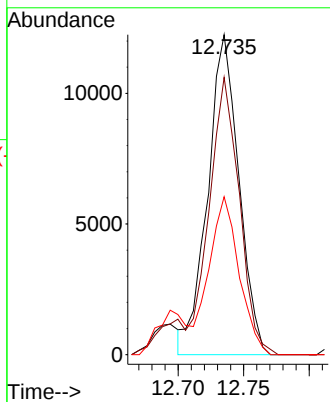
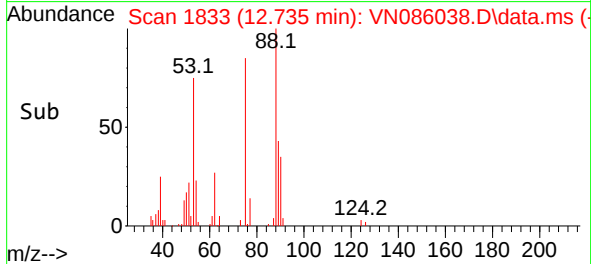
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01



Tgt Ion: 75 Resp: 20219
Ion Ratio Lower Upper
75 100
53 93.8 66.0 99.0
89 47.0 36.9 55.3

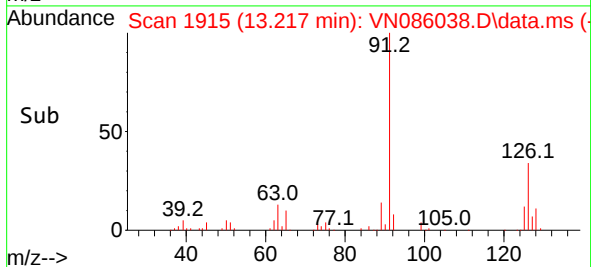
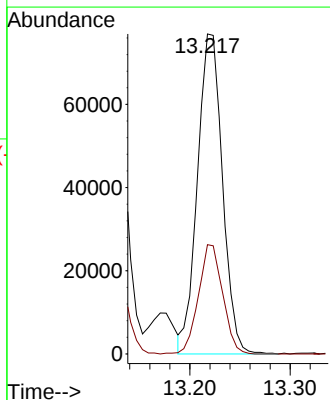
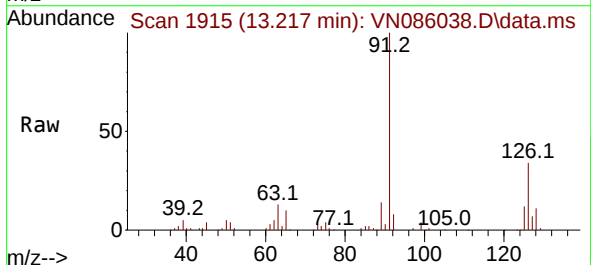
Manual Integrations
APPROVED

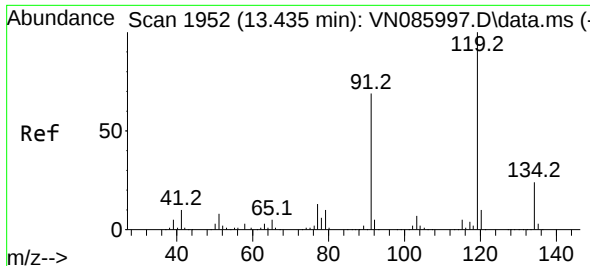
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#82
4-Chlorotoluene
Concen: 20.230 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

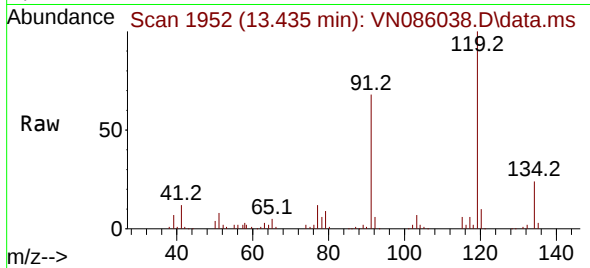
Tgt Ion: 91 Resp: 133793
Ion Ratio Lower Upper
91 100
126 33.0 16.1 48.2





#83
tert-Butylbenzene
Concen: 18.440 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

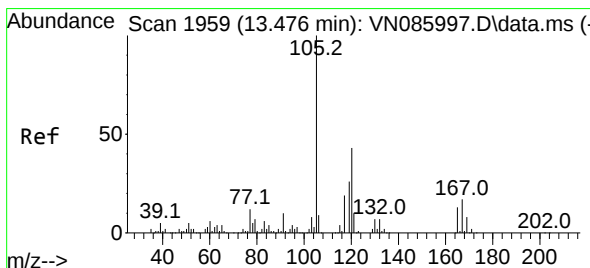
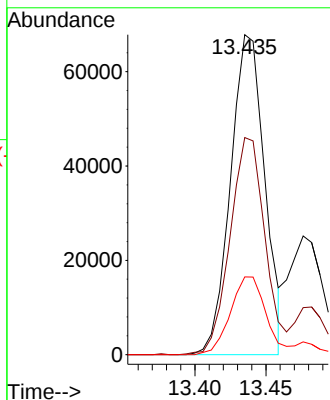
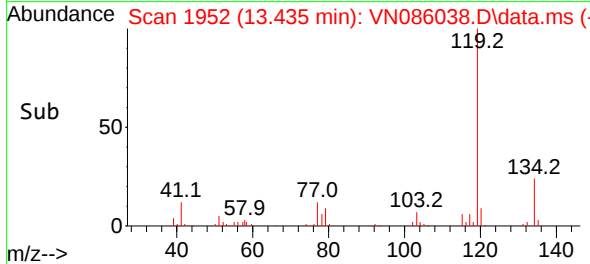
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01



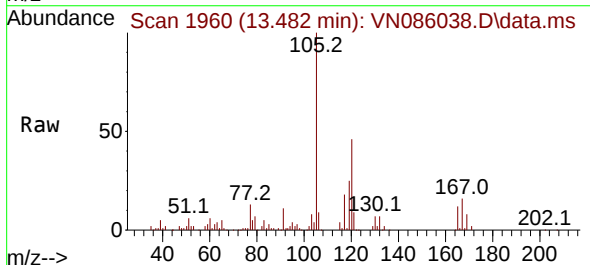
Tgt Ion:119 Resp: 113852
Ion Ratio Lower Upper
119 100
91 69.5 34.3 102.9
134 24.9 13.5 40.5

Manual Integrations
APPROVED

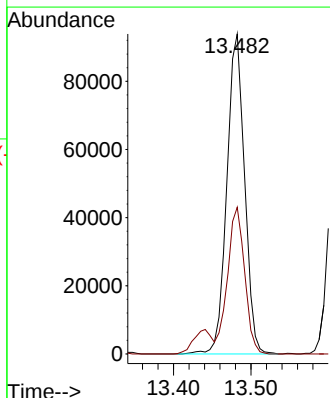
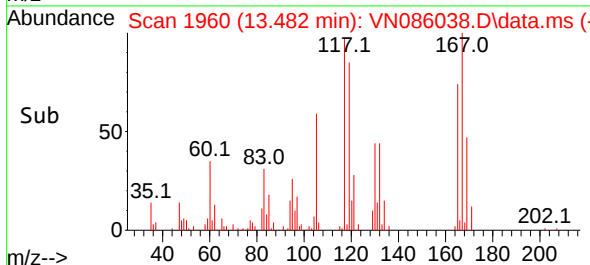
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

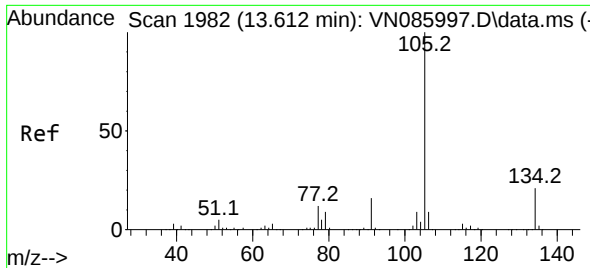


#84
1,2,4-Trimethylbenzene
Concen: 20.525 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16



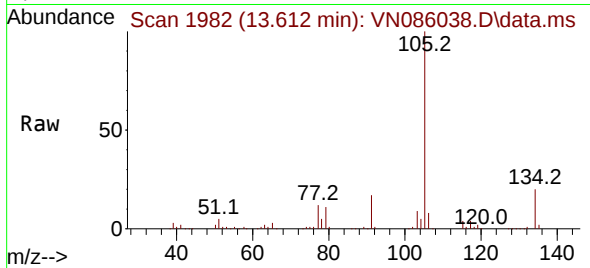
Tgt Ion:105 Resp: 149453
Ion Ratio Lower Upper
105 100
120 44.4 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 20.362 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086038.D
 Acq: 21 Mar 2025 14:16

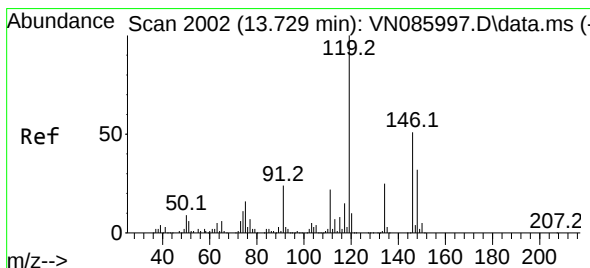
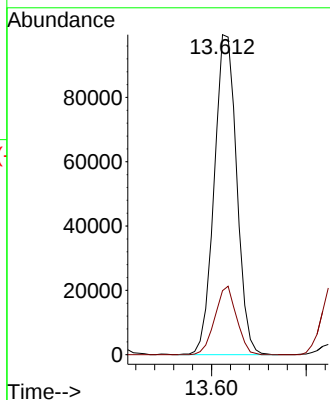
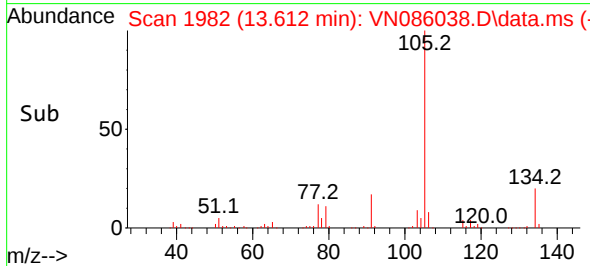
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBS01



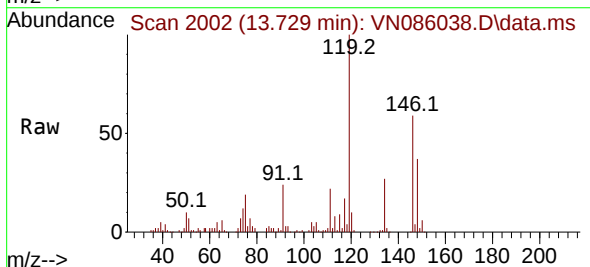
Tgt Ion:105 Resp: 164004
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1

Manual Integrations
 APPROVED

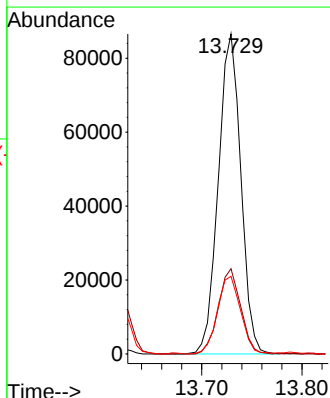
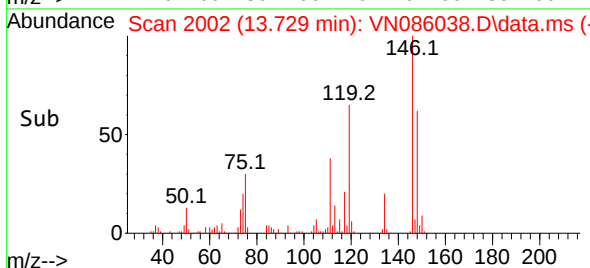
Reviewed By :John Carlone 03/24/2025
 Supervised By :Semsettin Yesilyurt 03/24/2025

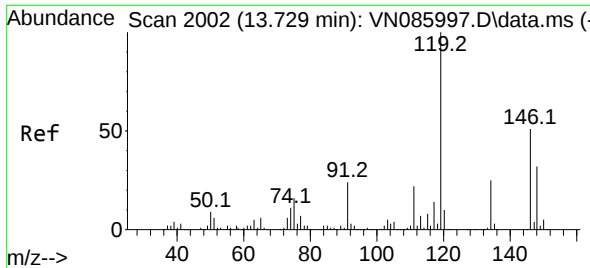


#86
 p-Isopropyltoluene
 Concen: 19.796 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086038.D
 Acq: 21 Mar 2025 14:16



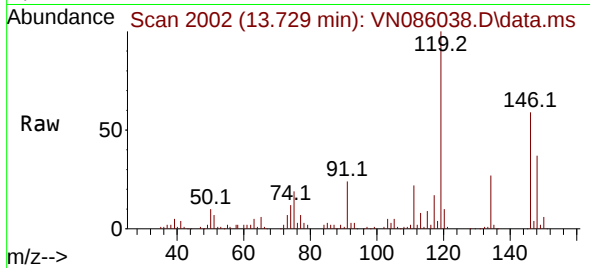
Tgt Ion:119 Resp: 134977
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.6 37.8
 91 25.2 12.3 36.8





#87
1,3-Dichlorobenzene
Concen: 19.963 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

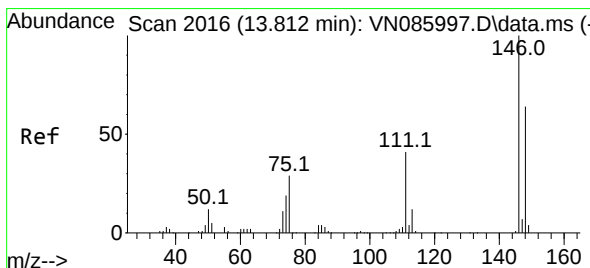
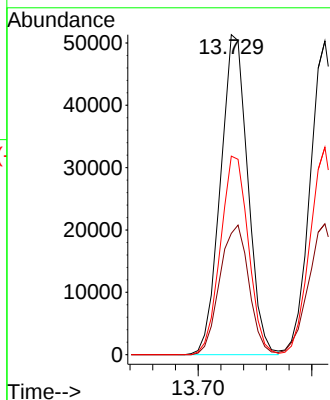
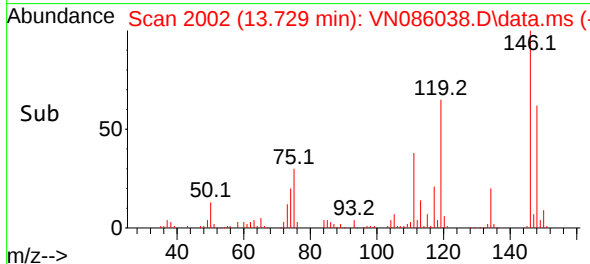
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01



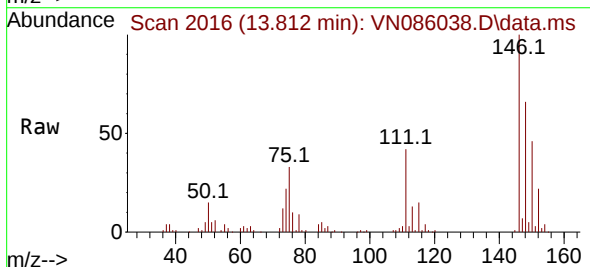
Tgt Ion:146 Resp: 85795
Ion Ratio Lower Upper
146 100
111 43.1 21.2 63.6
148 63.4 31.8 95.4

Manual Integrations
APPROVED

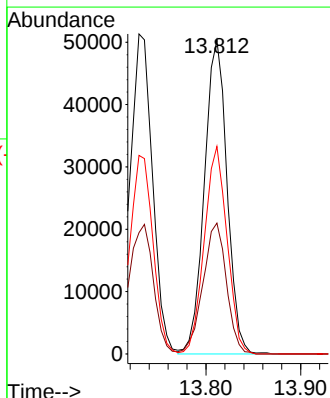
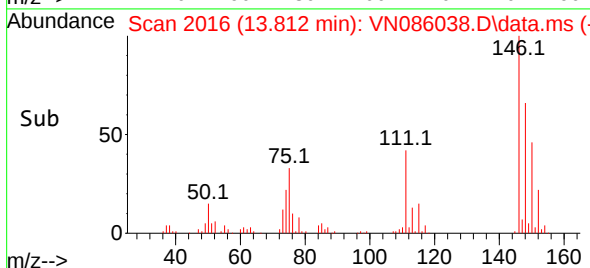
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

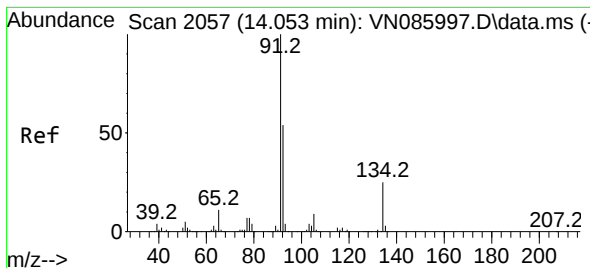


#88
1,4-Dichlorobenzene
Concen: 18.516 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16



Tgt Ion:146 Resp: 83605
Ion Ratio Lower Upper
146 100
111 43.3 20.4 61.3
148 66.4 32.1 96.5





#89

n-Butylbenzene

Concen: 18.551 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086038.D

Acq: 21 Mar 2025 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBS01

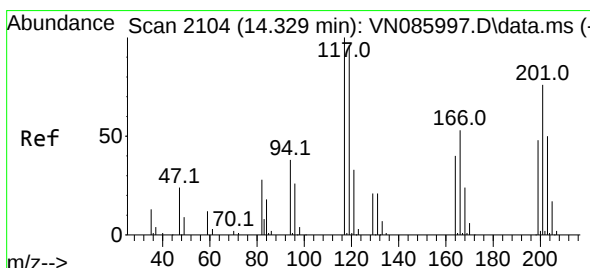
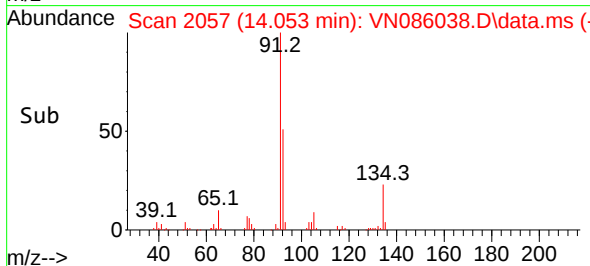
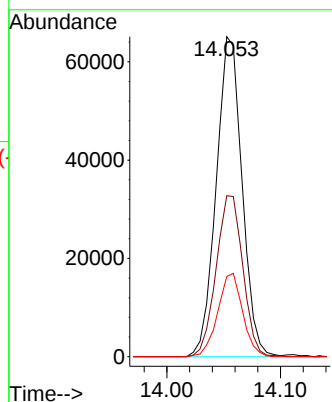
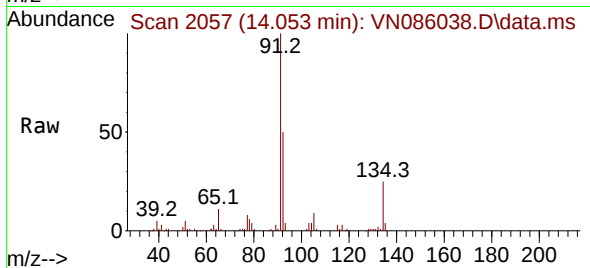
Tgt Ion:	91	Resp:	103000
Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.9	80.6
134	25.1	13.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/24/2025

Supervised By :Semsettin Yesilyurt 03/24/2025



#90

Hexachloroethane

Concen: 19.301 ug/l

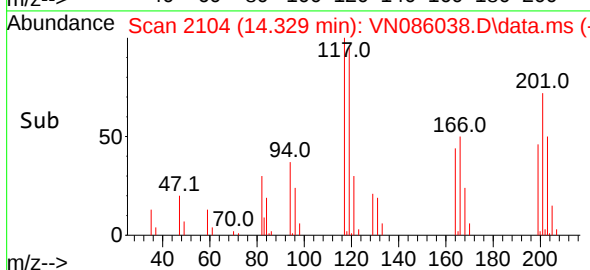
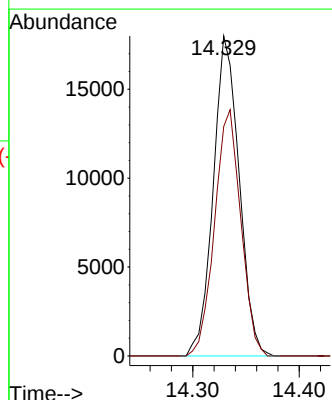
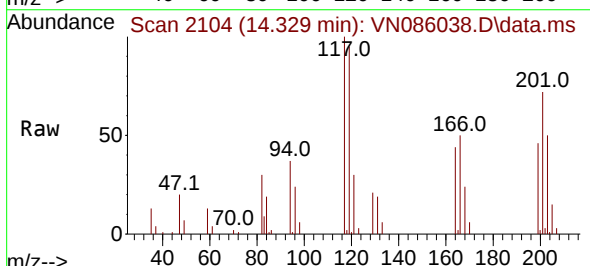
RT: 14.329 min Scan# 2104

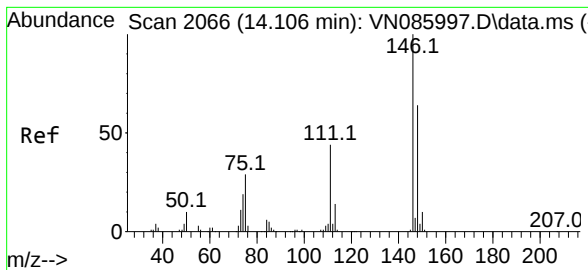
Delta R.T. -0.000 min

Lab File: VN086038.D

Acq: 21 Mar 2025 14:16

Tgt Ion:	117	Resp:	30365
Ion	Ratio	Lower	Upper
117	100		
201	77.8	39.1	117.3





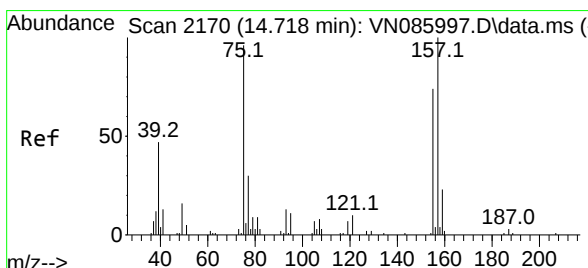
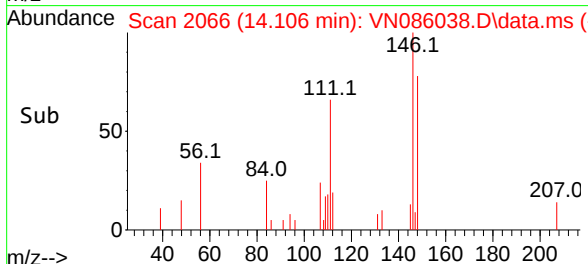
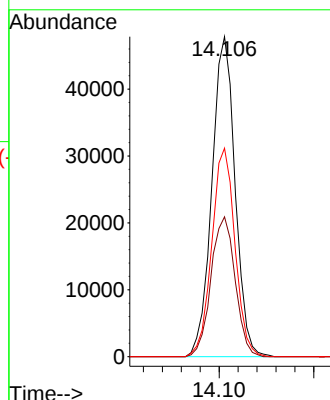
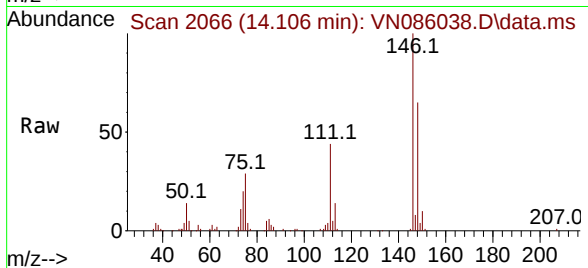
#91
1,2-Dichlorobenzene
Concen: 19.007 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

Tgt Ion:146 Resp: 8120
Ion Ratio Lower Upper
146 100
111 45.5 22.3 66.8
148 65.1 32.1 96.5

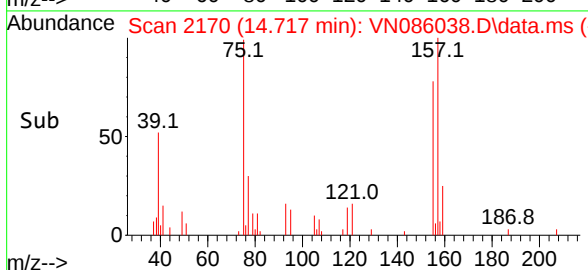
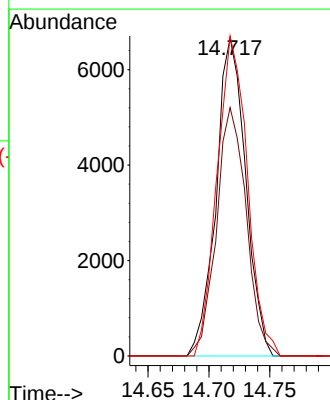
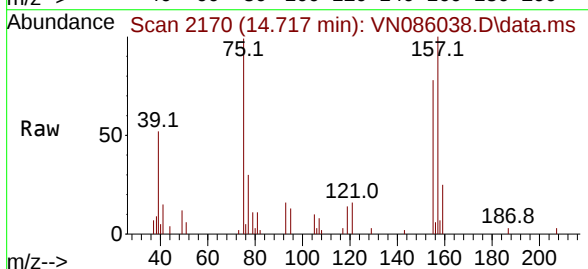
Manual Integrations
APPROVED

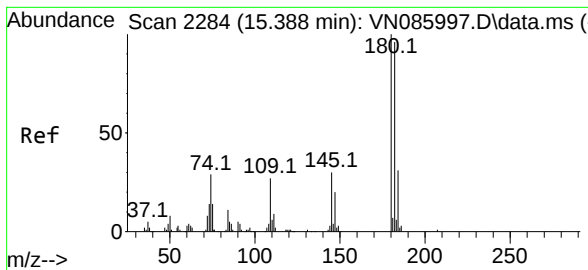
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.548 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

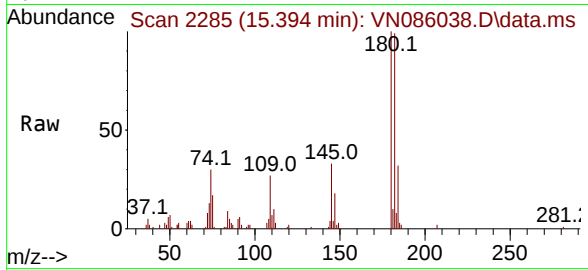
Tgt Ion: 75 Resp: 11288
Ion Ratio Lower Upper
75 100
155 78.5 41.0 123.0
157 102.9 53.7 161.1





#93
1,2,4-Trichlorobenzene
Concen: 16.404 ug/l
RT: 15.394 min Scan# 2284
Delta R.T. 0.006 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

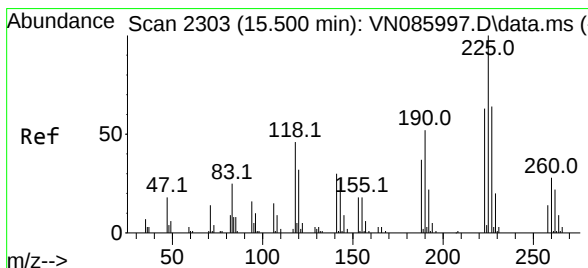
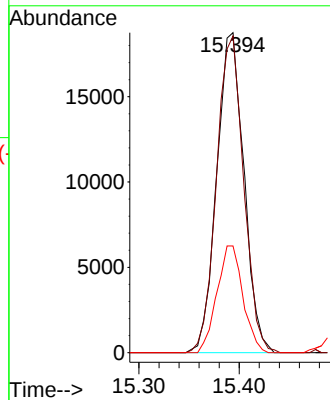
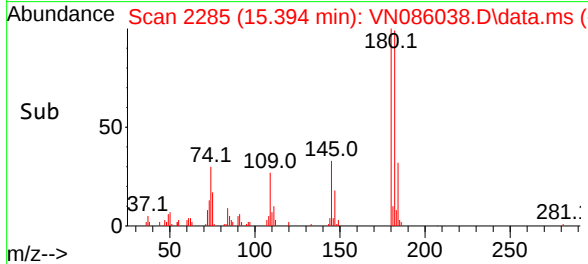
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01



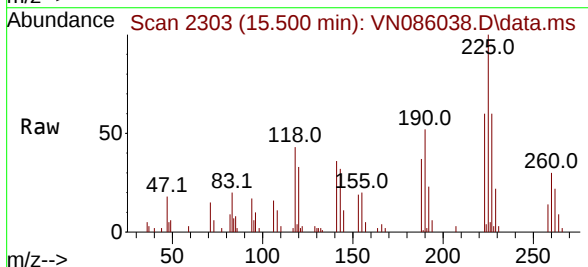
Tgt Ion:180 Resp: 35239
Ion Ratio Lower Upper
180 100
182 98.7 47.0 141.0
145 31.9 15.5 46.5

Manual Integrations
APPROVED

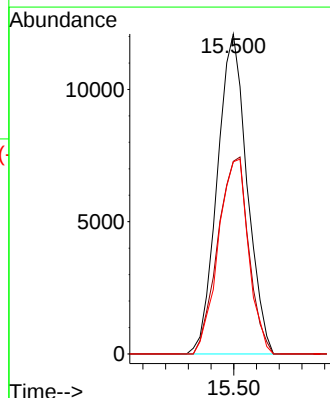
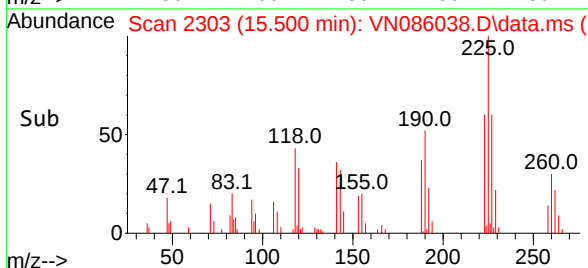
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

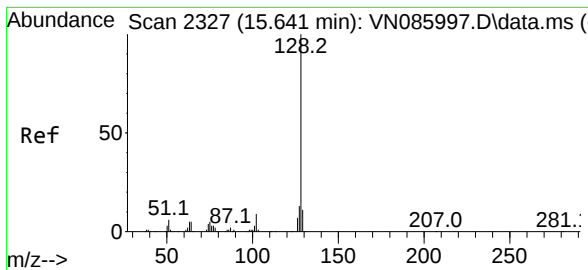


#94
Hexachlorobutadiene
Concen: 17.671 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16



Tgt Ion:225 Resp: 22023
Ion Ratio Lower Upper
225 100
223 63.9 31.3 93.9
227 61.7 32.1 96.3





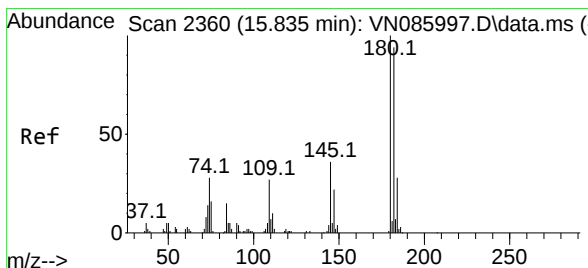
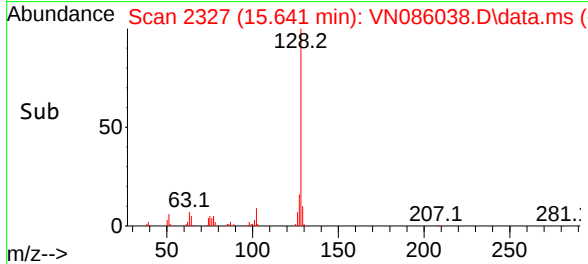
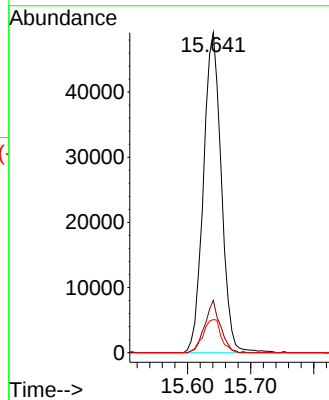
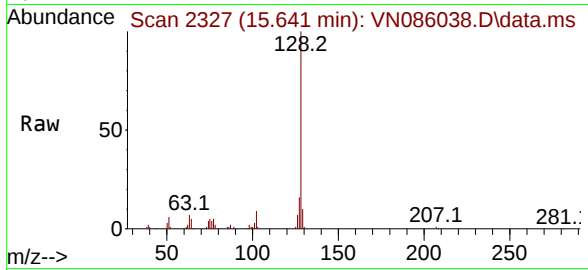
#95
Naphthalene
Concen: 15.559 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

Tgt Ion:128 Resp: 9678
Ion Ratio Lower Upper
128 100
127 14.1 10.2 15.4
129 10.6 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.807 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086038.D
Acq: 21 Mar 2025 14:16

Tgt Ion:180 Resp: 36298
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.5
145 33.1 17.7 53.1

