

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
 Data File : VN086039.D
 Acq On : 21 Mar 2025 14:52
 Operator : JC\MD
 Sample : VN0321WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Mar 21 22:57:28 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	154418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	246307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	225945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108740	51.426	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.860%			
35) Dibromofluoromethane	8.165	113	88282	51.351	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.700%			
50) Toluene-d8	10.565	98	318545	51.053	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.100%			
62) 4-Bromofluorobenzene	12.847	95	114757	51.572	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	43279	21.155	ug/l	97
3) Chloromethane	2.360	50	38572	21.507	ug/l	99
4) Vinyl Chloride	2.512	62	39200	21.377	ug/l	98
5) Bromomethane	2.954	94	25419	20.350	ug/l	94
6) Chloroethane	3.112	64	24433	21.120	ug/l	89
7) Trichlorofluoromethane	3.495	101	67541	20.489	ug/l	99
8) Diethyl Ether	3.959	74	20931	20.741	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.365	101	38292	21.856	ug/l	98
10) Methyl Iodide	4.583	142	48482	21.237	ug/l	95
11) Tert butyl alcohol	5.512	59	31433	104.995	ug/l	100
12) 1,1-Dichloroethene	4.336	96	32777	20.719	ug/l	89
13) Acrolein	4.177	56	26363	82.563	ug/l	98
14) Allyl chloride	5.024	41	38565	19.540	ug/l	100
15) Acrylonitrile	5.712	53	91036	115.140	ug/l	98
16) Acetone	4.430	43	69387	107.410	ug/l	97
17) Carbon Disulfide	4.712	76	98338	18.901	ug/l	98
18) Methyl Acetate	5.024	43	38172	23.883	ug/l	97
19) Methyl tert-butyl Ether	5.795	73	110994	21.411	ug/l	97
20) Methylene Chloride	5.271	84	42059	22.255	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	35697	20.647	ug/l	99
22) Diisopropyl ether	6.671	45	97481	23.178	ug/l	96
23) Vinyl Acetate	6.600	43	395328	123.995	ug/l	99
24) 1,1-Dichloroethane	6.565	63	67872	21.946	ug/l	99
25) 2-Butanone	7.483	43	104216	111.803	ug/l	97
26) 2,2-Dichloropropane	7.483	77	60697	20.385	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	42415	21.589	ug/l	98
28) Bromochloromethane	7.812	49	23634	18.037	ug/l	100
29) Tetrahydrofuran	7.841	42	68628	119.255	ug/l	97
30) Chloroform	7.965	83	73037	21.365	ug/l	96
31) Cyclohexane	8.253	56	52681	19.995	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	68195	21.074	ug/l	97
36) 1,1-Dichloropropene	8.371	75	47163	20.834	ug/l	99
37) Ethyl Acetate	7.559	43	43477	22.765	ug/l	98
38) Carbon Tetrachloride	8.359	117	64048	21.518	ug/l	95
39) Methylcyclohexane	9.600	83	44368	19.755	ug/l #	88
40) Benzene	8.606	78	156416	22.010	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	23110	25.342	ug/l	90
42) 1,2-Dichloroethane	8.665	62	55369	22.361	ug/l	99
43) Isopropyl Acetate	8.688	43	70924	17.138	ug/l	98
44) Trichloroethene	9.347	130	36948	20.061	ug/l	97
45) 1,2-Dichloropropane	9.618	63	36791	22.762	ug/l	95
46) Dibromomethane	9.706	93	28759	22.625	ug/l	99
47) Bromodichloromethane	9.883	83	60334	22.711	ug/l	99
48) Methyl methacrylate	9.677	41	30431	22.283	ug/l	97
49) 1,4-Dioxane	9.688	88	15123	468.450	ug/l	89
51) 4-Methyl-2-Pentanone	10.441	43	221159	121.174	ug/l	98
52) Toluene	10.630	92	99552	22.825	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	56523	21.908	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	59391	21.818	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	39047	23.456	ug/l	94
56) Ethyl methacrylate	10.871	69	51792	22.487	ug/l	98
57) 1,3-Dichloropropane	11.159	76	63178	22.344	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	93811	108.244	ug/l	98
59) 2-Hexanone	11.194	43	160793	120.933	ug/l	97
60) Dibromochloromethane	11.359	129	48376	22.520	ug/l	98
61) 1,2-Dibromoethane	11.465	107	38768	22.684	ug/l	99
64) Tetrachloroethene	11.100	164	37289	20.689	ug/l	97
65) Chlorobenzene	11.888	112	107511	20.794	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	40838	21.248	ug/l	97
67) Ethyl Benzene	11.965	91	168114	20.327	ug/l	97
68) m/p-Xylenes	12.071	106	140277	43.153	ug/l	98
69) o-Xylene	12.394	106	63591	21.314	ug/l	98
70) Styrene	12.412	104	111101	21.802	ug/l	98
71) Bromoform	12.576	173	35201	21.909	ug/l #	100
73) Isopropylbenzene	12.694	105	157043	19.930	ug/l	99
74) N-amyl acetate	12.494	43	55862	21.190	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	56119	21.051	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	50345m	19.489	ug/l	
77) Bromobenzene	12.982	156	44946	20.456	ug/l	99
78) n-propylbenzene	13.035	91	190318	21.330	ug/l	99
79) 2-Chlorotoluene	13.124	91	123495	20.838	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	139940	21.035	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	19240	19.691	ug/l	90
82) 4-Chlorotoluene	13.218	91	127817	20.972	ug/l	98
83) tert-Butylbenzene	13.435	119	108678	19.101	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	141791	21.131	ug/l	98
85) sec-Butylbenzene	13.618	105	155610	20.964	ug/l	99
86) p-Isopropyltoluene	13.729	119	131559	20.938	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	84231	21.268	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	82001	19.707	ug/l	98
89) n-Butylbenzene	14.053	91	101627	19.862	ug/l	98
90) Hexachloroethane	14.329	117	28798	19.863	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	80852	20.536	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	11663	21.917	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	34745	17.551	ug/l	96
94) Hexachlorobutadiene	15.500	225	21485	18.707	ug/l	98
95) Naphthalene	15.641	128	99673	17.388	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	34861	18.559	ug/l	96

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Instrument :
MSVOA_N
ClientSampleId :
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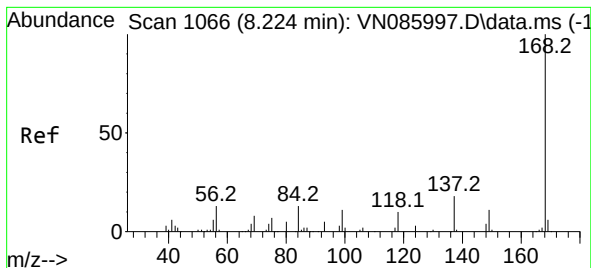
Manual Integrations
APPROVED

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

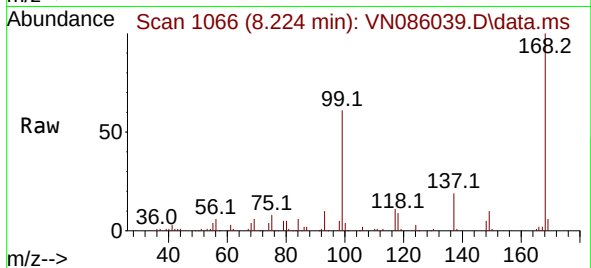
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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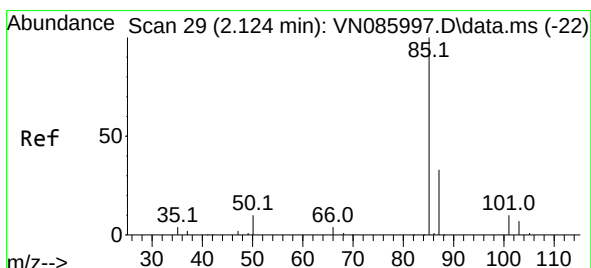
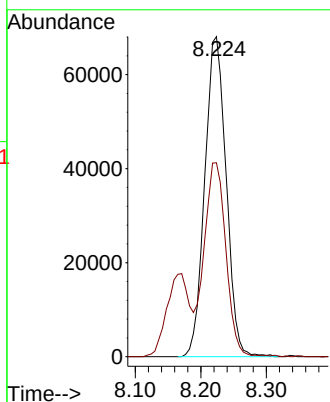
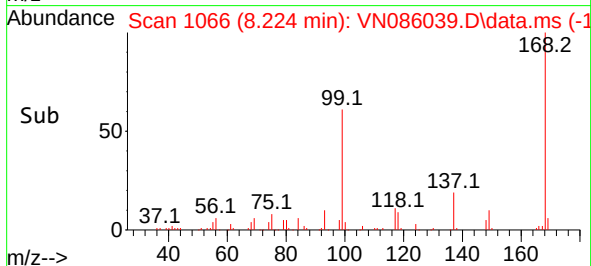
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion:168 Resp: 154418
Ion Ratio Lower Upper
168 100
99 60.3 49.4 74.2

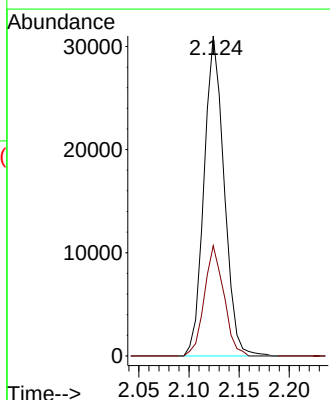
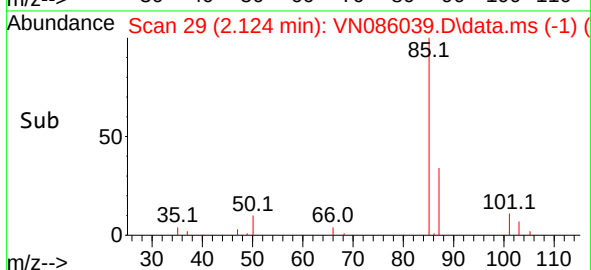
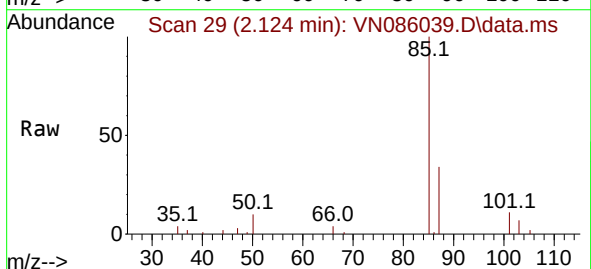
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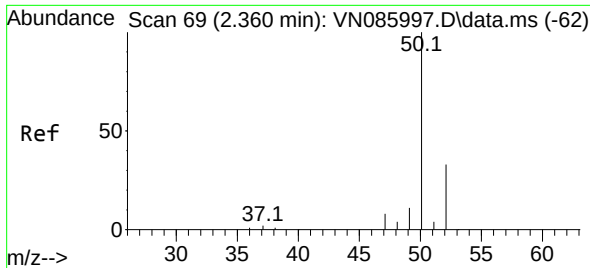
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#2
Dichlorodifluoromethane
Concen: 21.155 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

Tgt Ion: 85 Resp: 43279
Ion Ratio Lower Upper
85 100
87 34.5 16.5 49.5





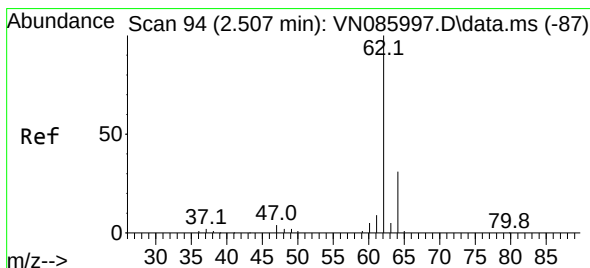
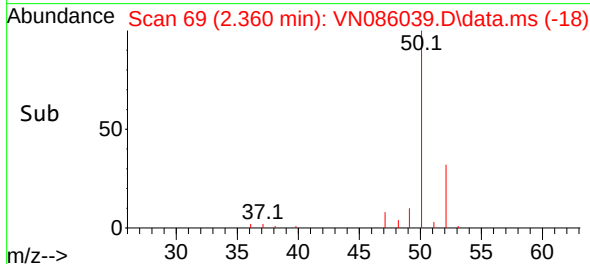
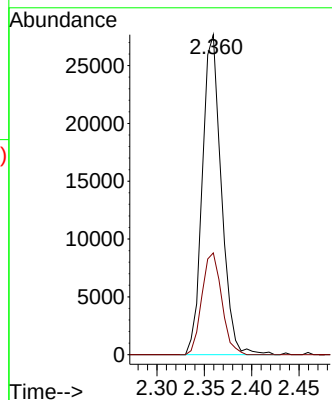
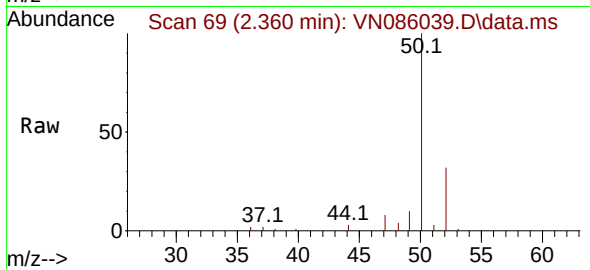
#3
Chloromethane
Concen: 21.507 ug/l
RT: 2.360 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086039.D
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Instrument :
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Tgt Ion: 50 Resp: 38572
Ion Ratio Lower Upper
50 100
52 31.8 26.0 39.0

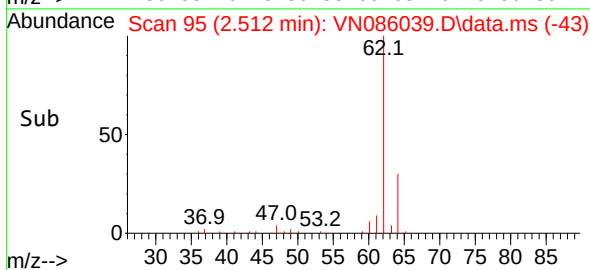
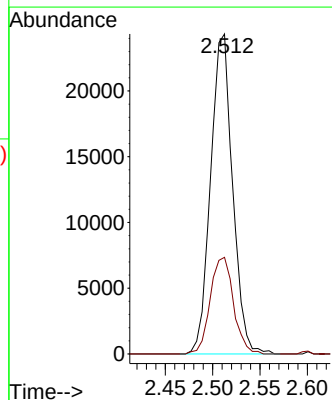
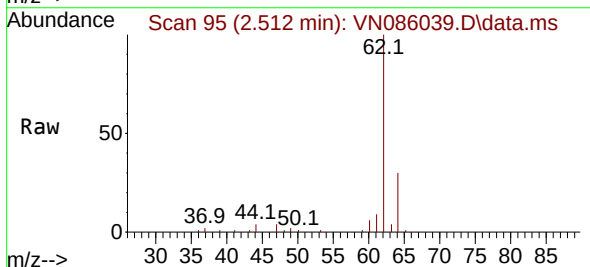
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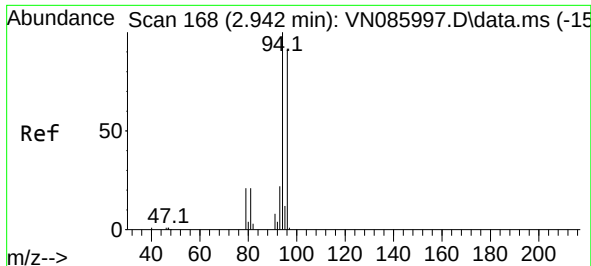
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#4
Vinyl Chloride
Concen: 21.377 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

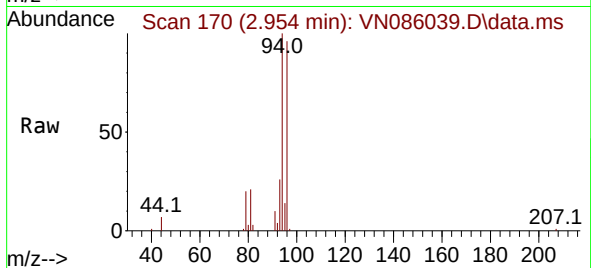
Tgt Ion: 62 Resp: 39200
Ion Ratio Lower Upper
62 100
64 30.2 25.2 37.8





#5
Bromomethane
Concen: 20.350 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086039.D
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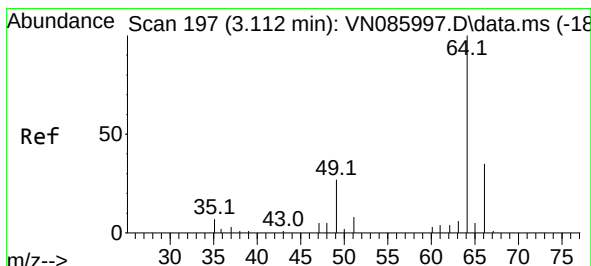
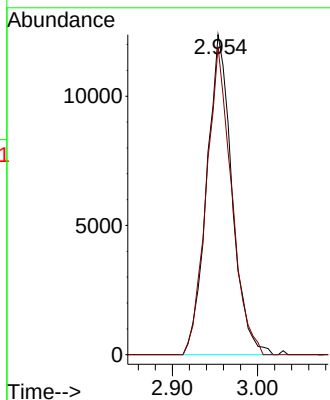
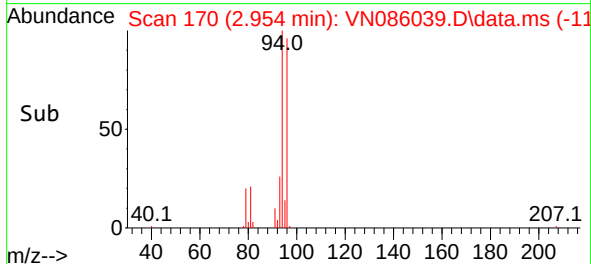
Instrument :
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Tgt Ion: 94 Resp: 25419
Ion Ratio Lower Upper
94 100
96 96.3 72.8 109.2

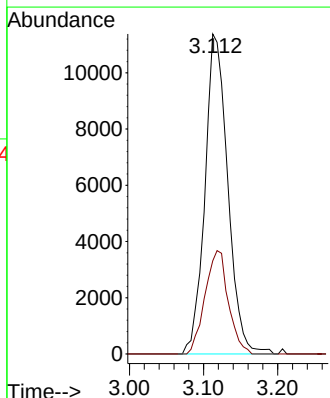
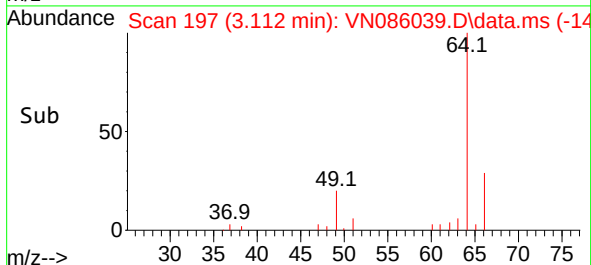
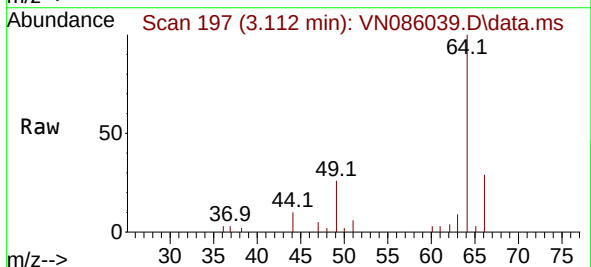
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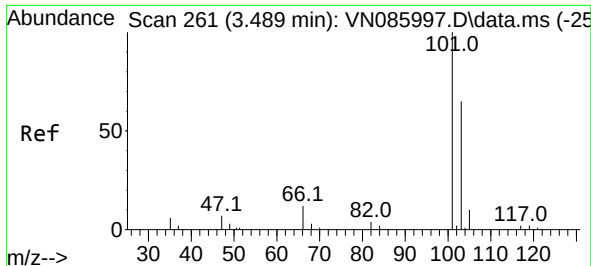
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#6
Chloroethane
Concen: 21.120 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

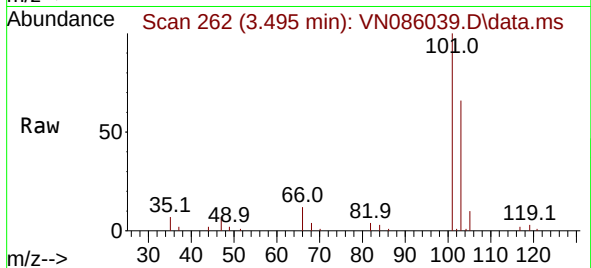
Tgt Ion: 64 Resp: 24433
Ion Ratio Lower Upper
64 100
66 29.1 28.3 42.5





#7
Trichlorofluoromethane
Concen: 20.489 ug/l
RT: 3.495 min Scan# 261
Delta R.T. 0.006 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

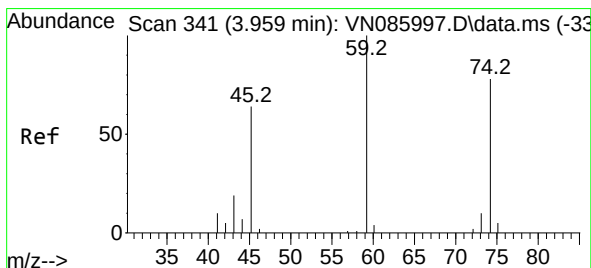
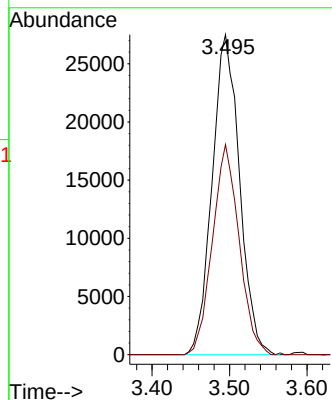
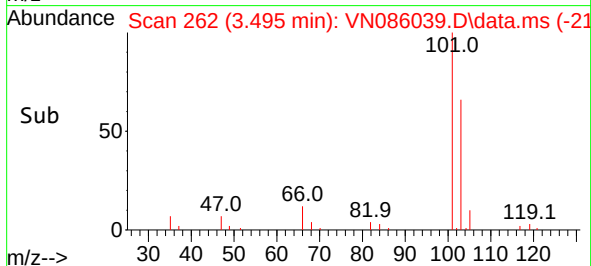
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion:101 Resp: 6754
Ion Ratio Lower Upper
101 100
103 65.6 51.7 77.5

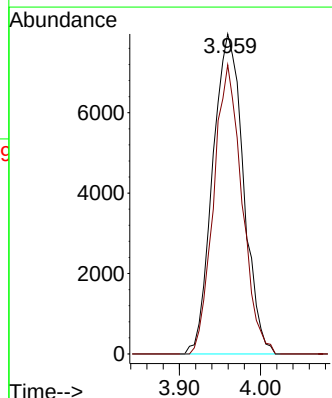
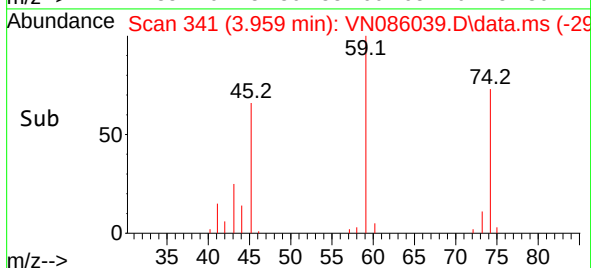
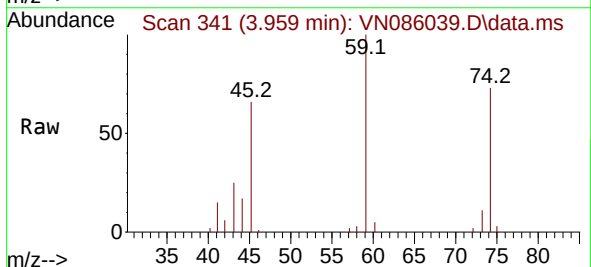
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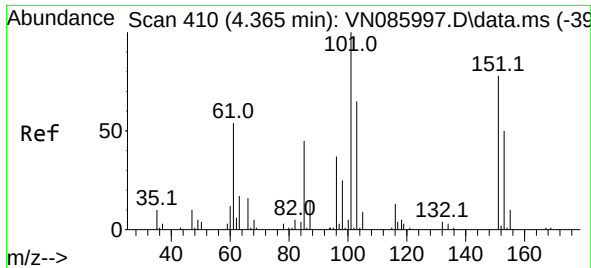
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#8
Diethyl Ether
Concen: 20.741 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

Tgt Ion: 74 Resp: 20931
Ion Ratio Lower Upper
74 100
45 83.2 38.0 113.9





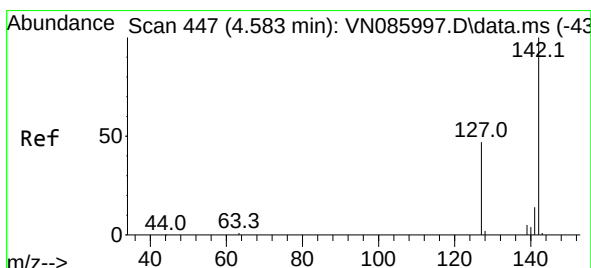
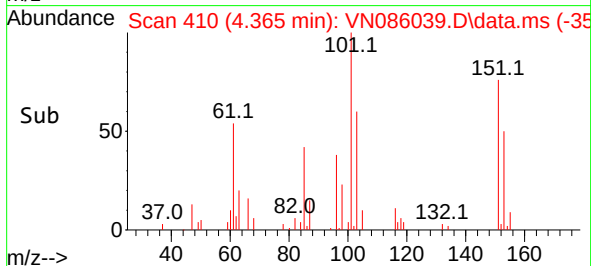
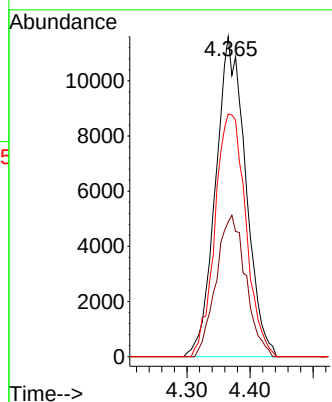
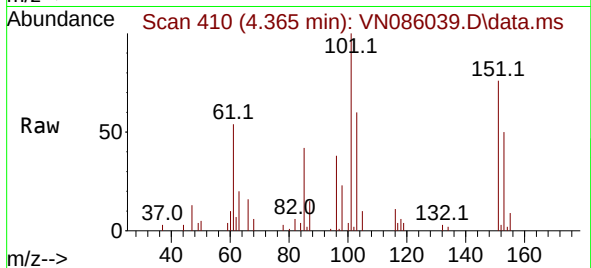
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.856 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion:101 Resp: 3829
Ion Ratio Lower Upper
101 100
85 43.6 36.5 54.7
151 77.9 63.4 95.0

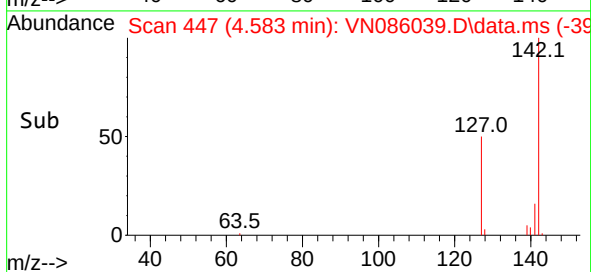
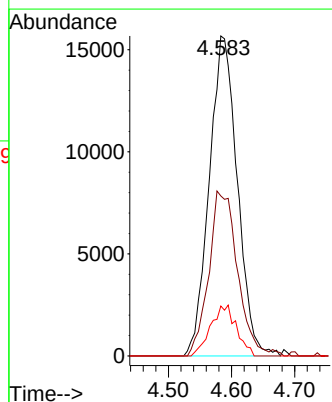
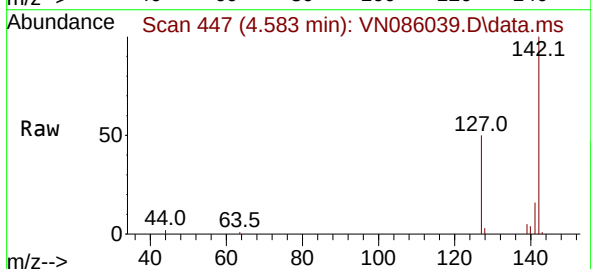
Manual Integrations
APPROVED

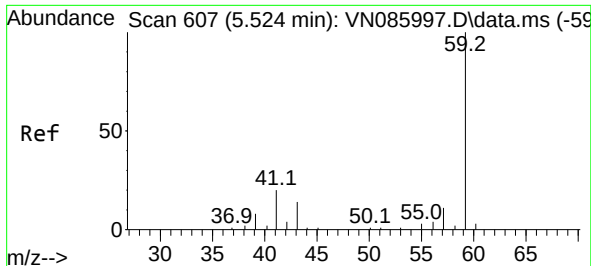
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#10
Methyl Iodide
Concen: 21.237 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

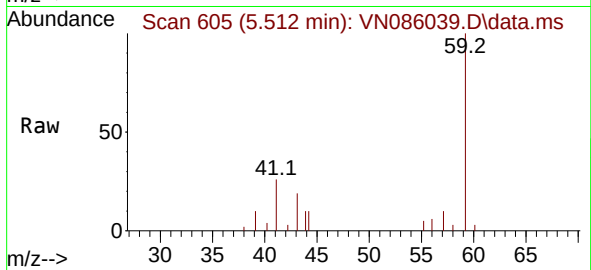
Tgt Ion:142 Resp: 48482
Ion Ratio Lower Upper
142 100
127 50.0 37.5 56.3
141 15.6 11.0 16.6





#11
Tert butyl alcohol
Concen: 104.995 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

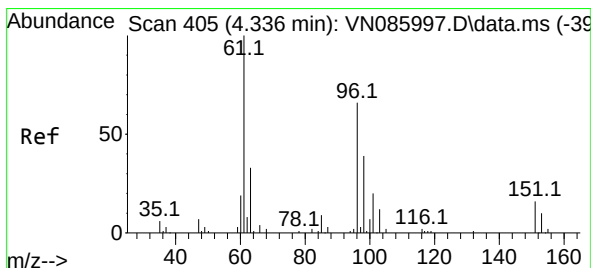
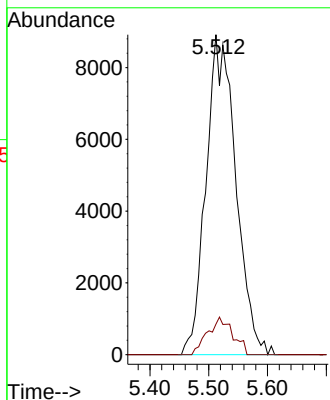
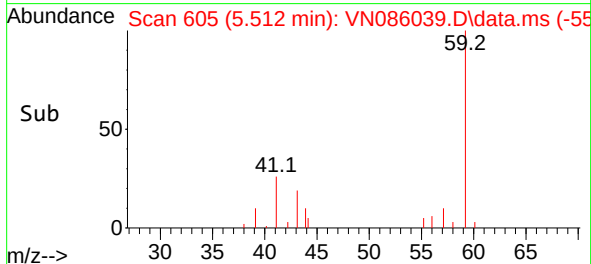
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



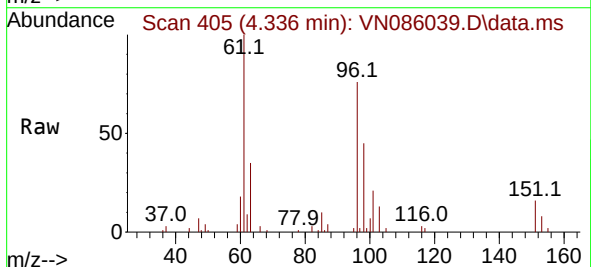
Tgt Ion: 59 Resp: 3143
Ion Ratio Lower Upper
59 100
57 9.8 7.9 11.9

Manual Integrations
APPROVED

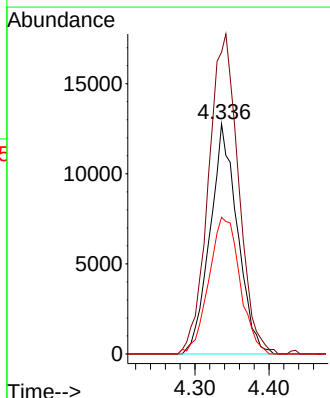
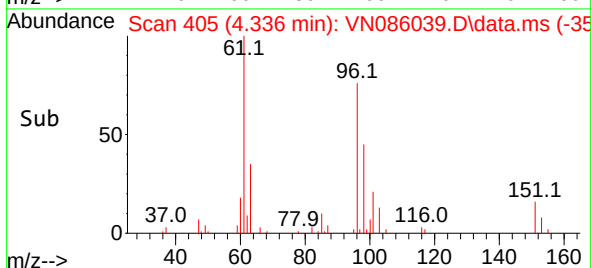
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

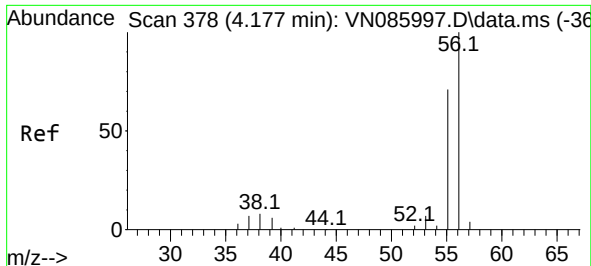


#12
1,1-Dichloroethene
Concen: 20.719 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52



Tgt Ion: 96 Resp: 32777
Ion Ratio Lower Upper
96 100
61 131.2 120.5 180.7
98 59.4 47.4 71.0





#13

Acrolein

Concen: 82.563 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN086039.D

Acq: 21 Mar 2025 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

Tgt Ion: 56 Resp: 2636

Ion Ratio Lower Upper

56 100

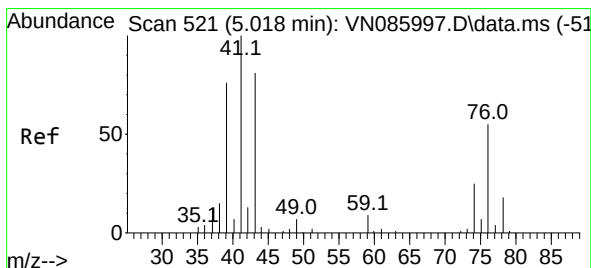
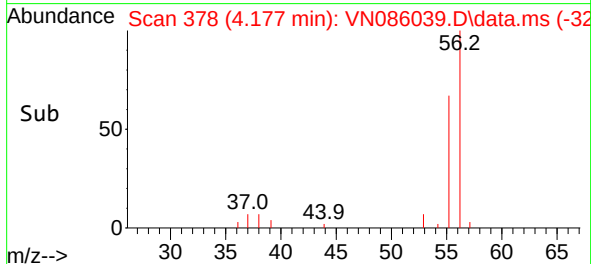
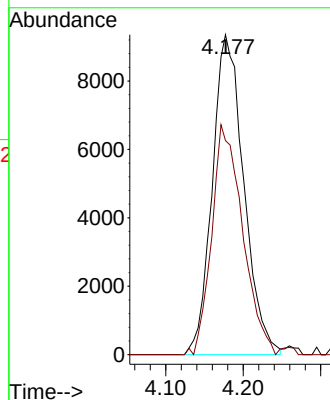
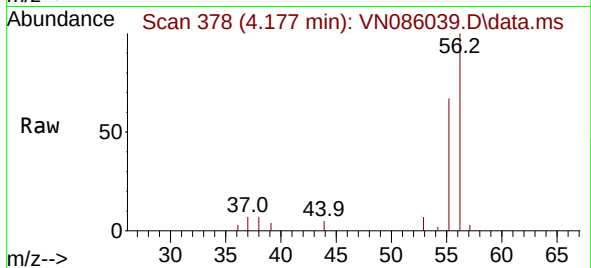
55 70.4 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/24/2025

Supervised By :Semsettin Yesilyurt 03/24/2025



#14

Allyl chloride

Concen: 19.540 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN086039.D

Acq: 21 Mar 2025 14:52

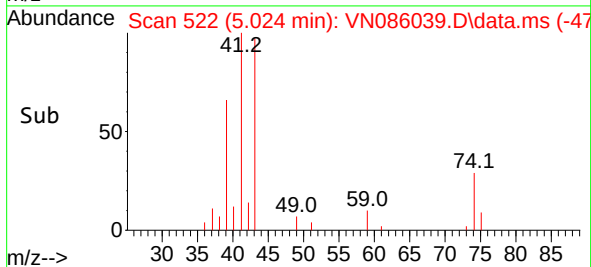
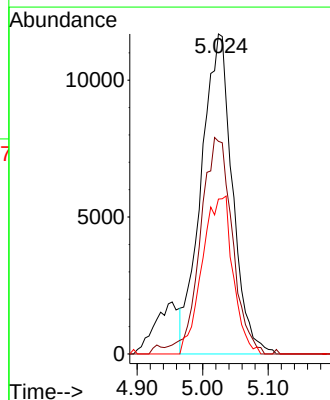
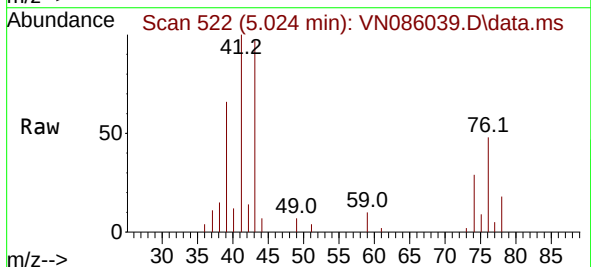
Tgt Ion: 41 Resp: 38565

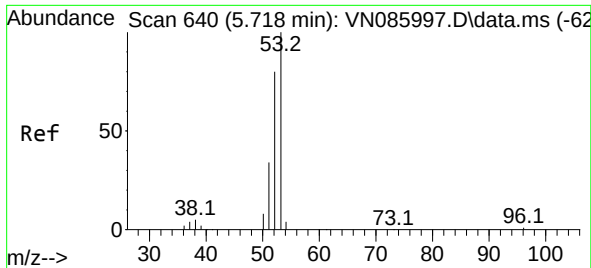
Ion Ratio Lower Upper

41 100

39 69.2 55.5 83.3

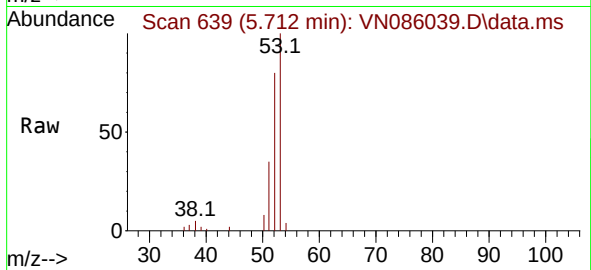
76 48.6 39.1 58.7





#15
Acrylonitrile
Concen: 115.140 ug/l
RT: 5.712 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

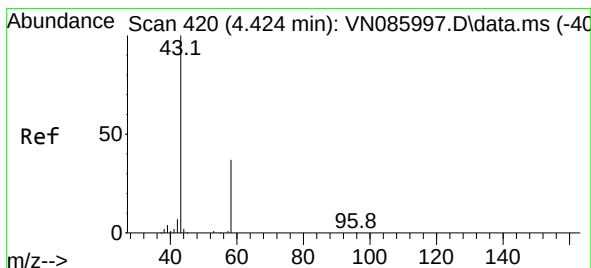
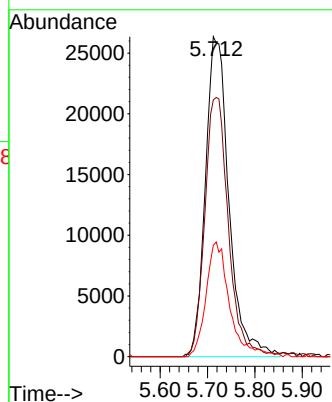
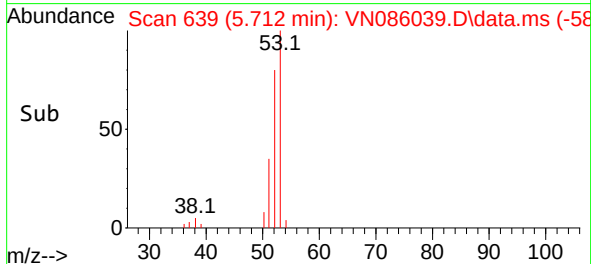
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion: 53 Resp: 91036
Ion Ratio Lower Upper
53 100
52 81.2 63.9 95.9
51 35.8 27.1 40.7

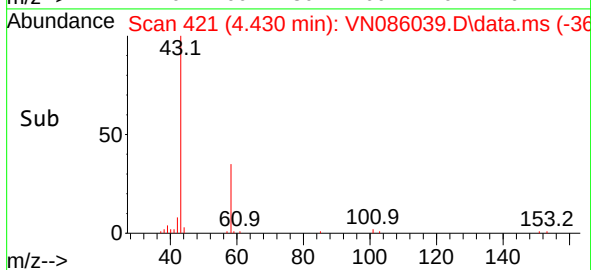
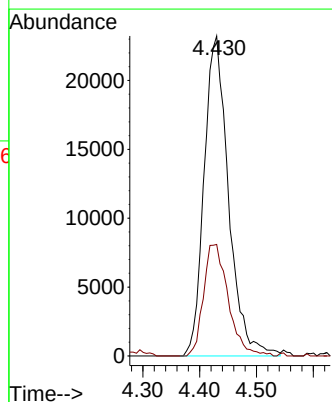
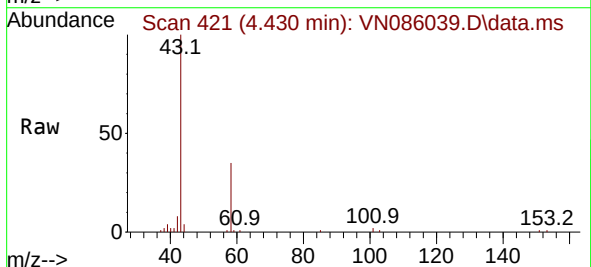
Manual Integrations
APPROVED

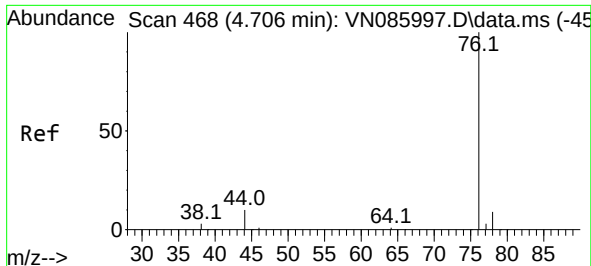
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#16
Acetone
Concen: 107.410 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

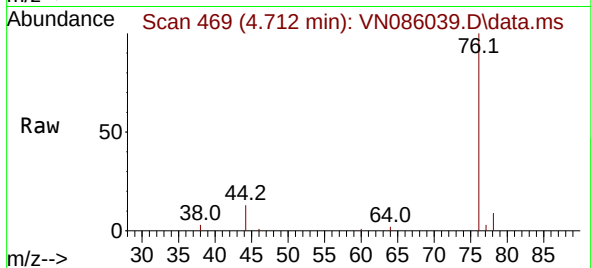
Tgt Ion: 43 Resp: 69387
Ion Ratio Lower Upper
43 100
58 34.9 29.4 44.2





#17
Carbon Disulfide
Concen: 18.901 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

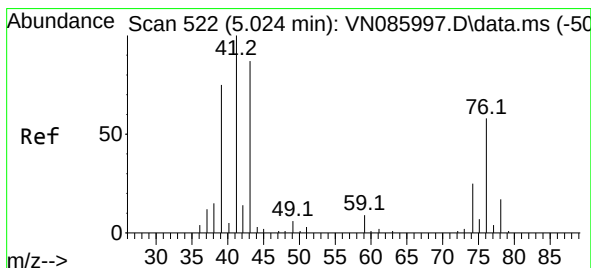
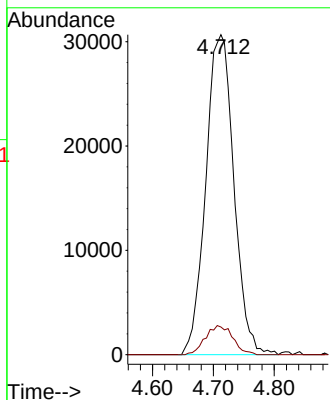
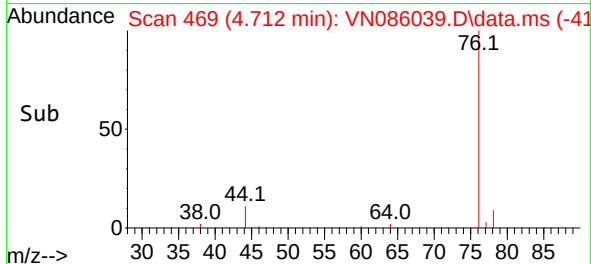
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion: 76 Resp: 98338
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

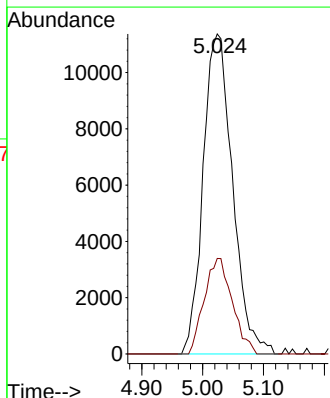
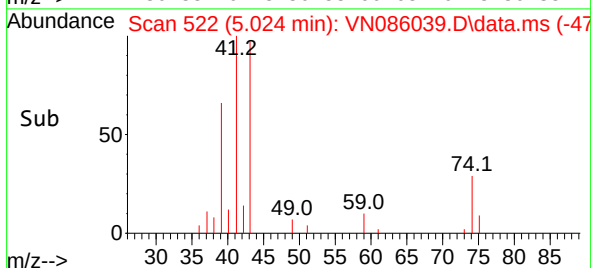
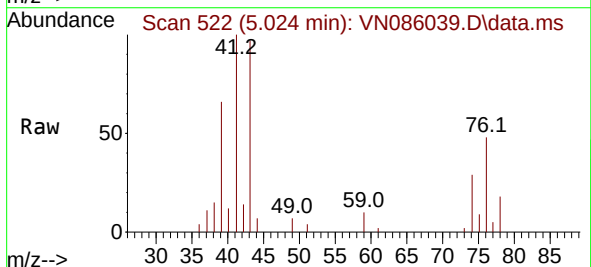
Manual Integrations
APPROVED

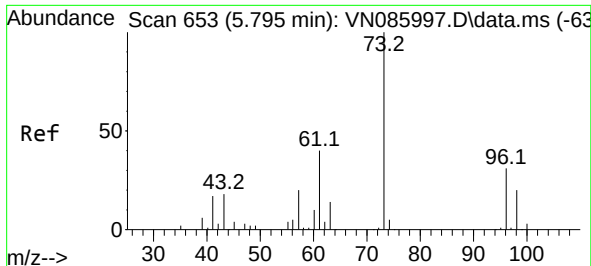
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#18
Methyl Acetate
Concen: 23.883 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

Tgt Ion: 43 Resp: 38172
Ion Ratio Lower Upper
43 100
74 28.4 23.9 35.9





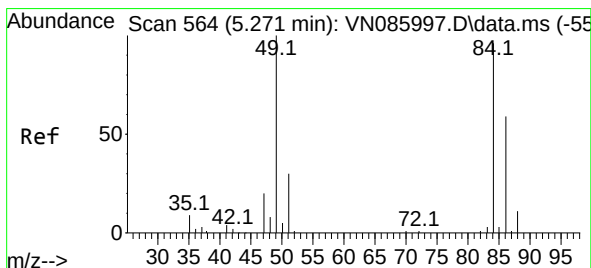
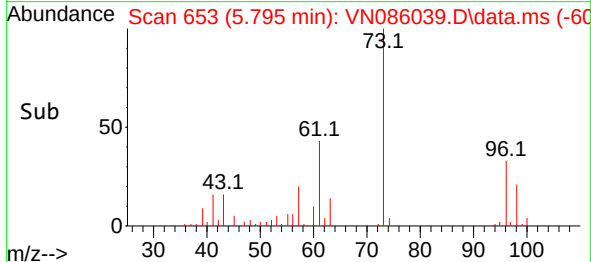
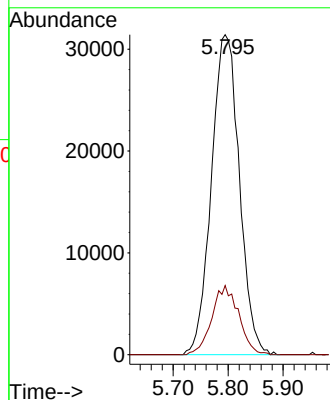
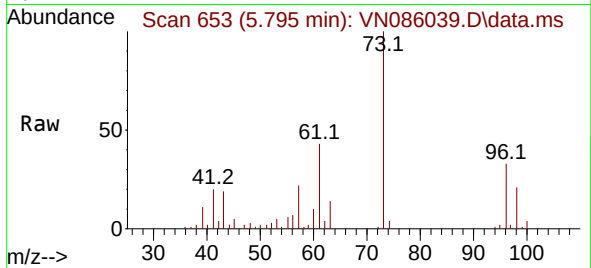
#19
Methyl tert-butyl Ether
Concen: 21.411 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion: 73 Resp: 110994
Ion Ratio Lower Upper
73 100
57 21.6 16.1 24.1

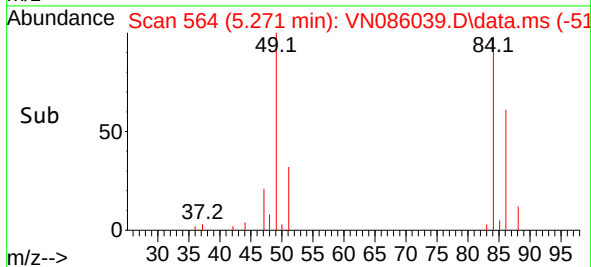
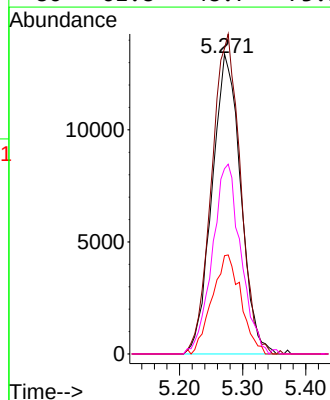
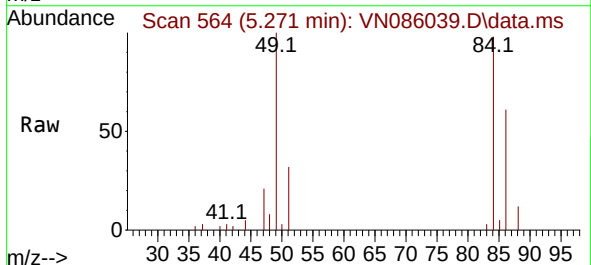
Manual Integrations
APPROVED

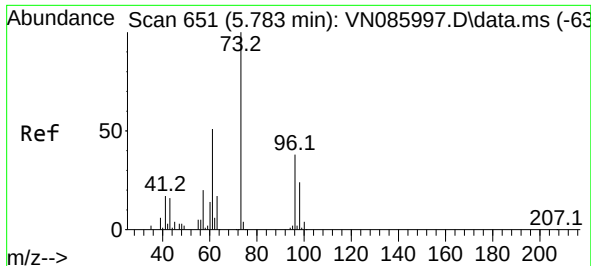
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#20
Methylene Chloride
Concen: 22.255 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

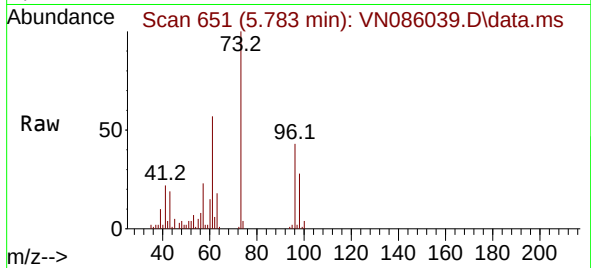
Tgt Ion: 84 Resp: 42059
Ion Ratio Lower Upper
84 100
49 101.9 83.3 124.9
51 32.7 24.8 37.2
86 61.8 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 20.647 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

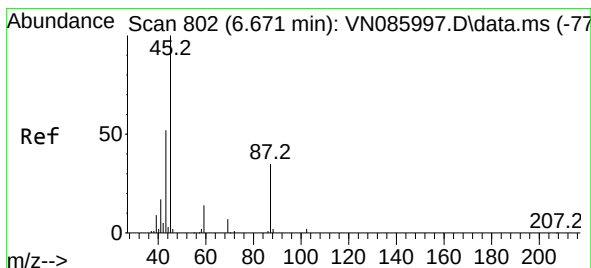
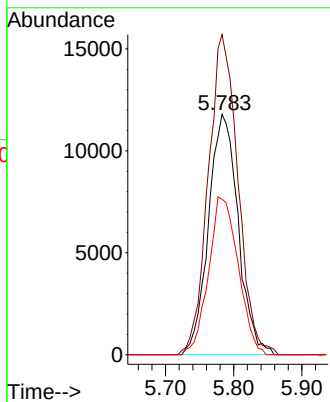
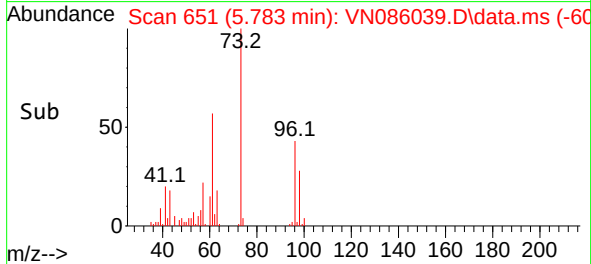
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion: 96 Resp: 3569
Ion Ratio Lower Upper
96 100
61 133.2 106.6 160.0
98 64.6 50.0 75.0

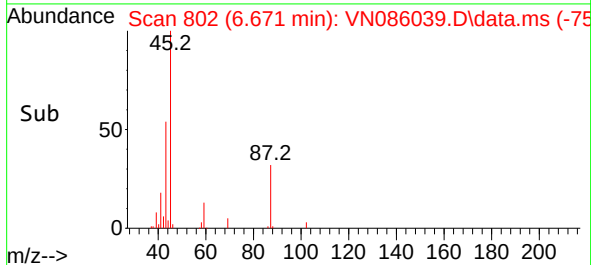
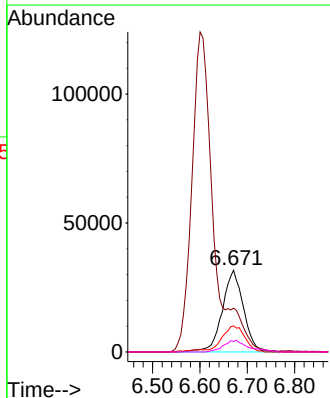
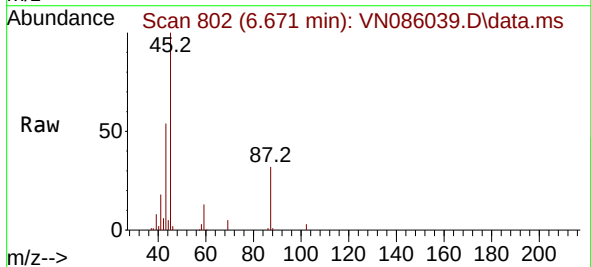
Manual Integrations
APPROVED

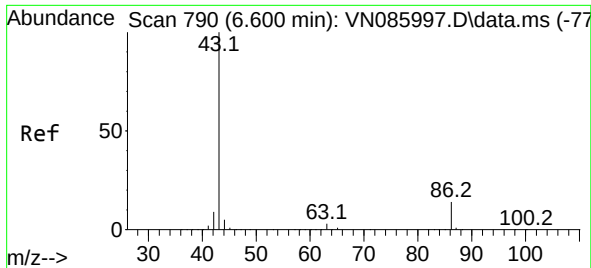
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#22
Diisopropyl ether
Concen: 23.178 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

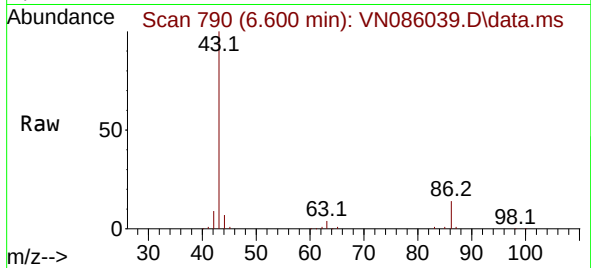
Tgt Ion: 45 Resp: 97481
Ion Ratio Lower Upper
45 100
43 52.7 41.2 61.8
87 31.8 28.5 42.7
59 12.9 11.2 16.8





#23
 Vinyl Acetate
 Concen: 123.995 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086039.D
 Acq: 21 Mar 2025 14:52

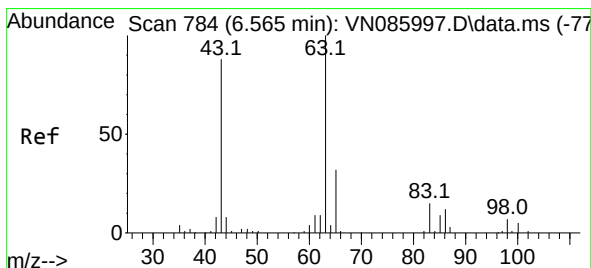
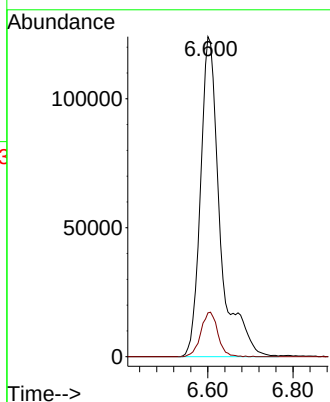
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01



Tgt Ion: 43 Resp: 395328
 Ion Ratio Lower Upper
 43 100
 86 13.7 11.2 16.8

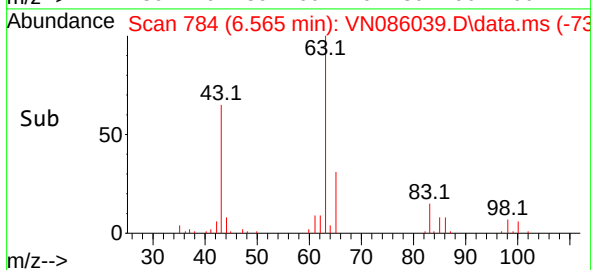
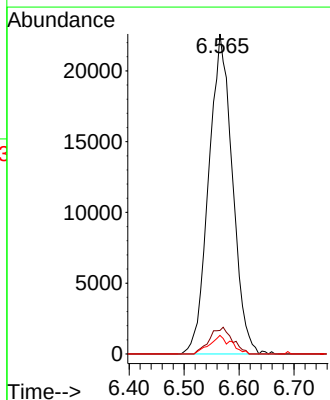
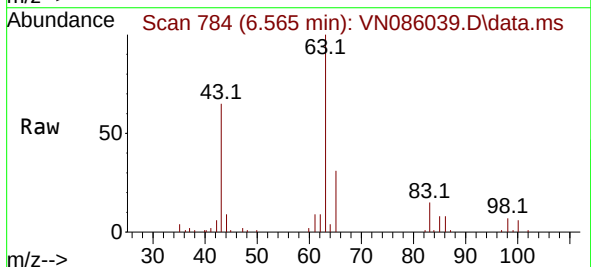
Manual Integrations
 APPROVED

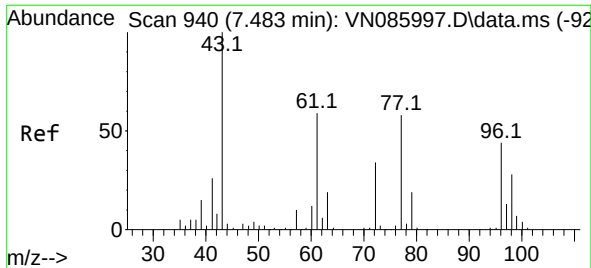
Reviewed By :John Carlone 03/24/2025
 Supervised By :Semsettin Yesilyurt 03/24/2025



#24
 1,1-Dichloroethane
 Concen: 21.946 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086039.D
 Acq: 21 Mar 2025 14:52

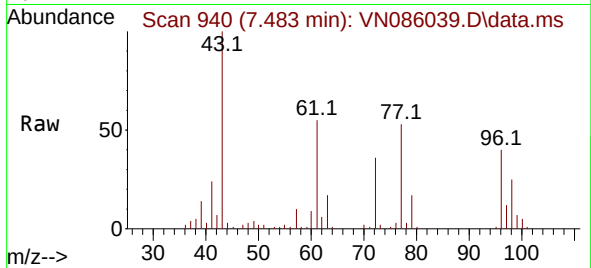
Tgt Ion: 63 Resp: 67872
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 5.8 2.5 7.5





#25
2-Butanone
Concen: 111.803 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

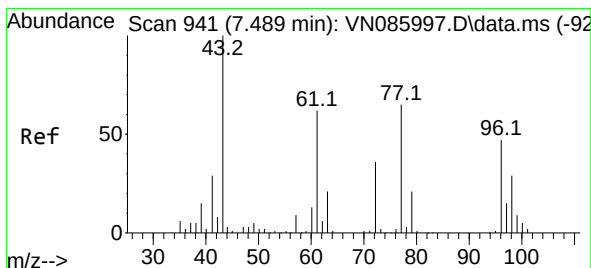
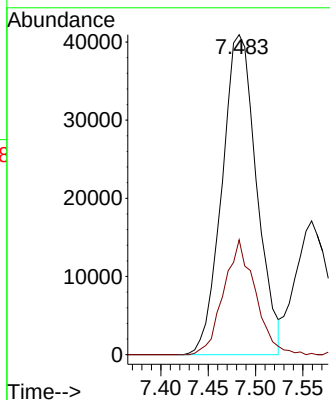
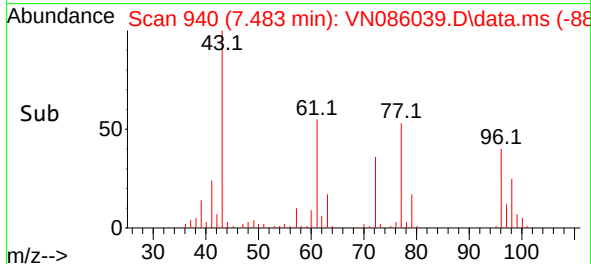
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



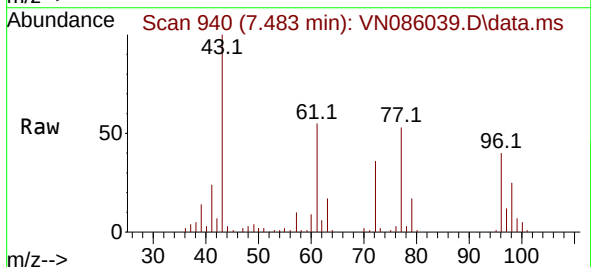
Tgt Ion: 43 Resp: 104210
Ion Ratio Lower Upper
43 100
72 35.9 27.4 41.0

Manual Integrations
APPROVED

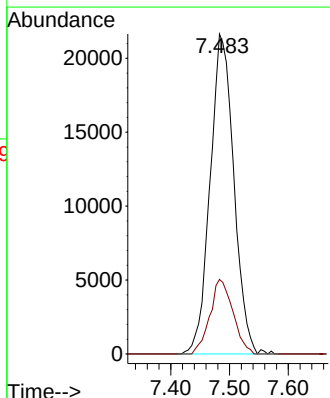
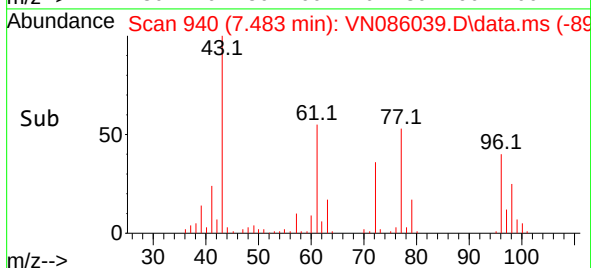
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

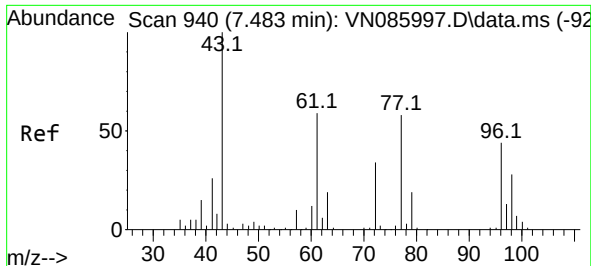


#26
2,2-Dichloropropane
Concen: 20.385 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52



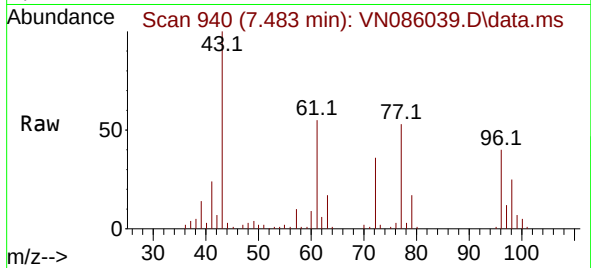
Tgt Ion: 77 Resp: 60697
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 21.589 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086039.D
 Acq: 21 Mar 2025 14:52

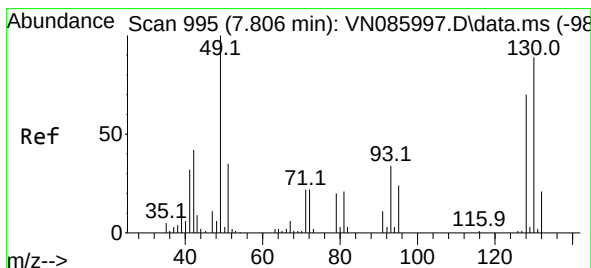
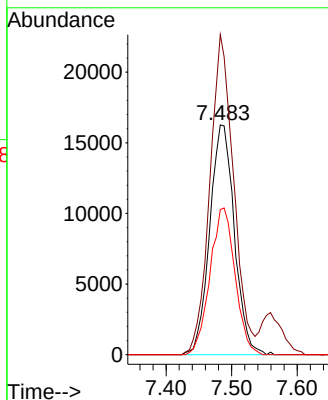
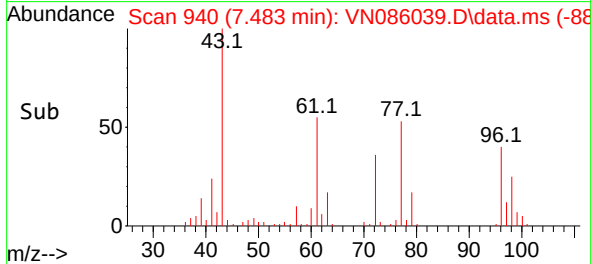
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01



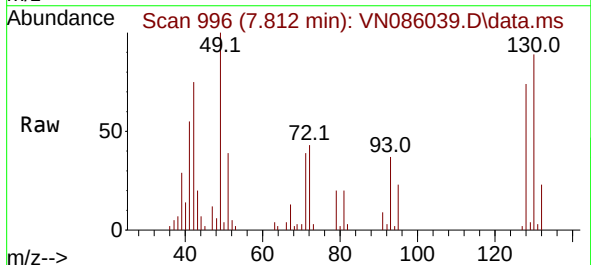
Tgt Ion: 96 Resp: 42415
 Ion Ratio Lower Upper
 96 100
 61 134.5 0.0 272.8
 98 65.0 0.0 124.8

Manual Integrations
 APPROVED

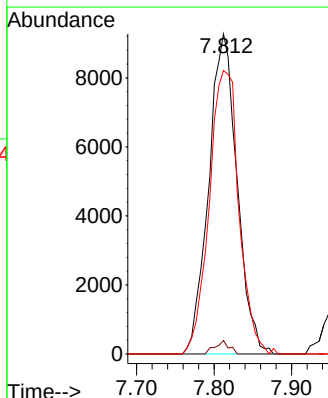
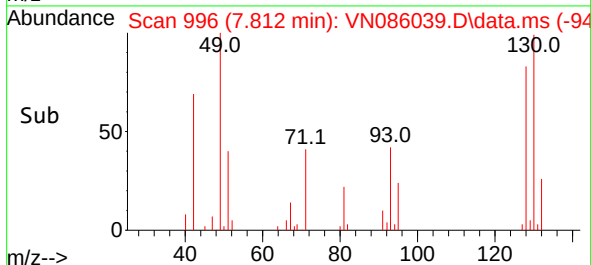
Reviewed By :John Carlone 03/24/2025
 Supervised By :Semsettin Yesilyurt 03/24/2025

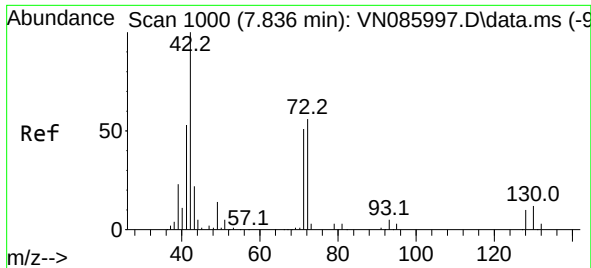


#28
 Bromochloromethane
 Concen: 18.037 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086039.D
 Acq: 21 Mar 2025 14:52



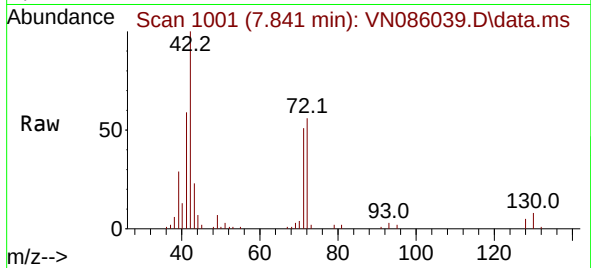
Tgt Ion: 49 Resp: 23634
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 92.7 74.2 111.4





#29
Tetrahydrofuran
Concen: 119.255 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

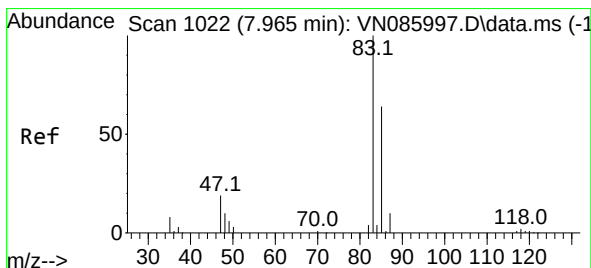
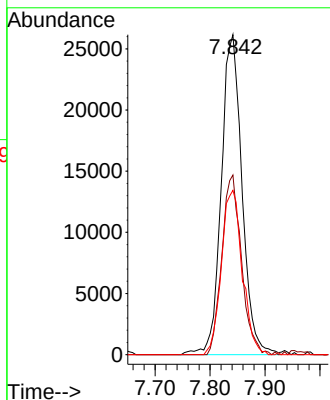
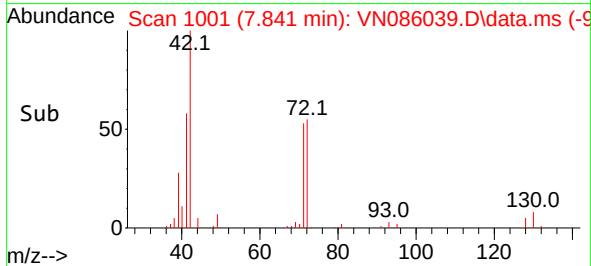
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion: 42 Resp: 68628
Ion Ratio Lower Upper
42 100
72 53.1 45.0 67.4
71 51.5 41.9 62.9

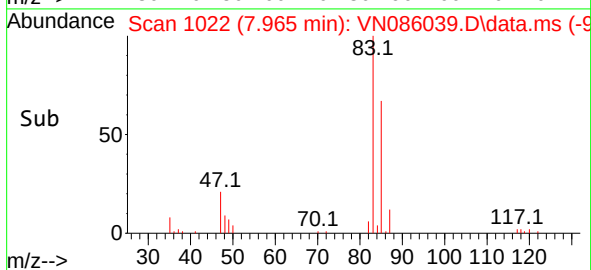
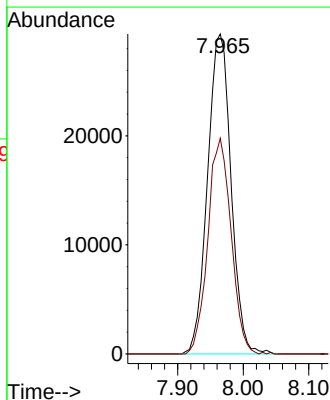
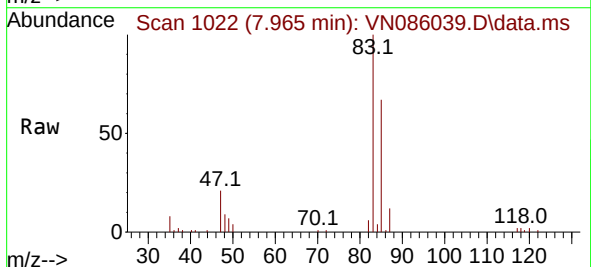
Manual Integrations
APPROVED

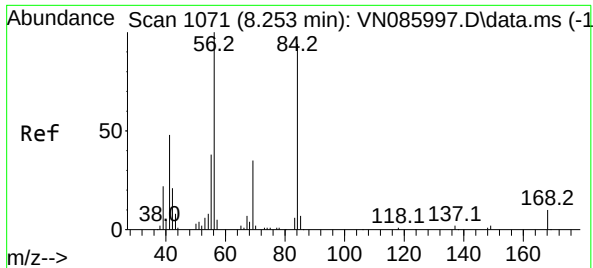
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#30
Chloroform
Concen: 21.365 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

Tgt Ion: 83 Resp: 73037
Ion Ratio Lower Upper
83 100
85 67.4 51.5 77.3





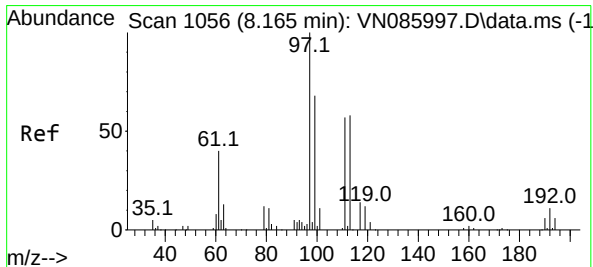
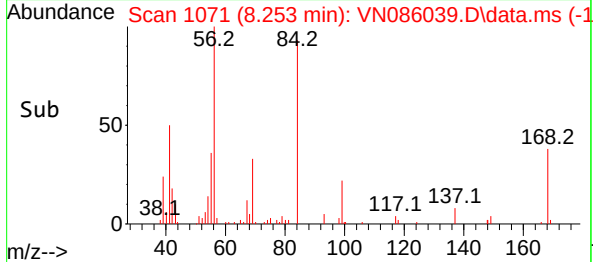
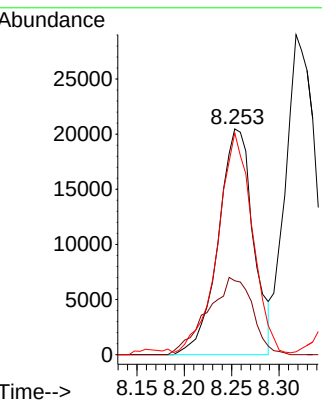
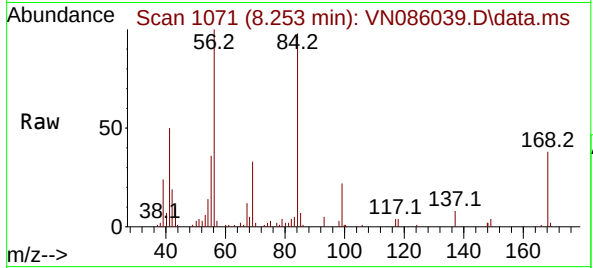
#31
Cyclohexane
Concen: 19.995 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion: 56 Resp: 5268
Ion Ratio Lower Upper
56 100
69 32.7 28.0 42.0
84 95.7 75.0 112.6

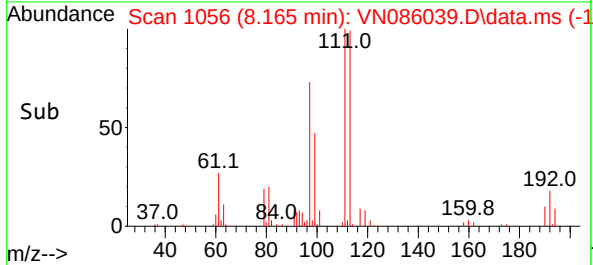
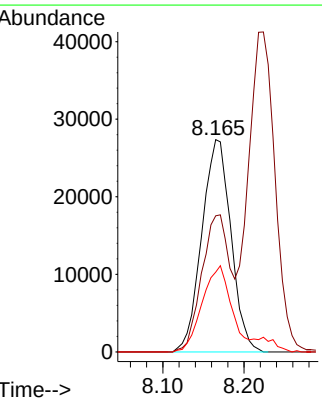
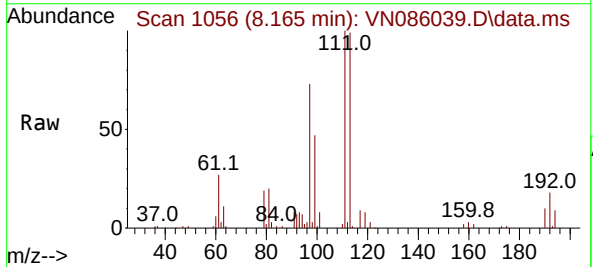
Manual Integrations
APPROVED

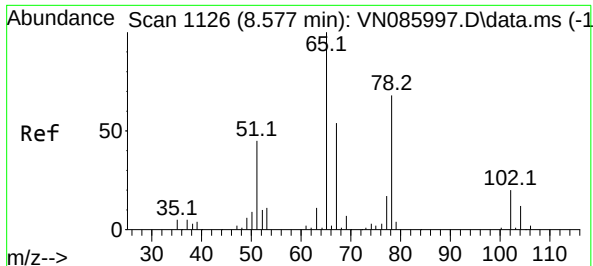
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#32
1,1,1-Trichloroethane
Concen: 21.074 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

Tgt Ion: 97 Resp: 68195
Ion Ratio Lower Upper
97 100
99 62.5 52.8 79.2
61 40.8 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 51.426 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086039.D

Acq: 21 Mar 2025 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

Tgt Ion: 65 Resp: 108740

Ion Ratio Lower Upper

65 100

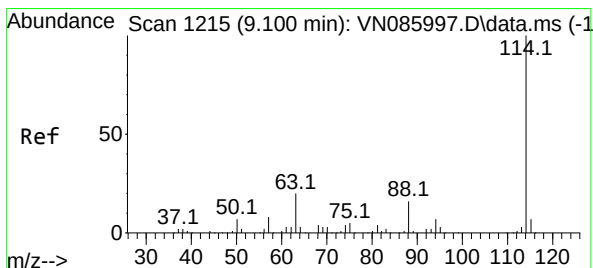
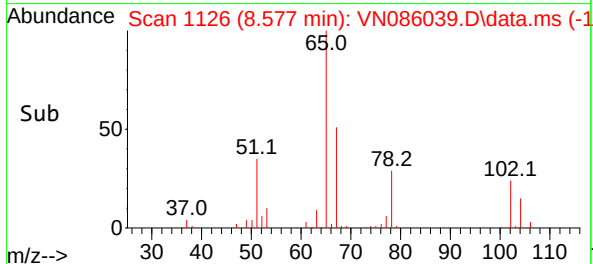
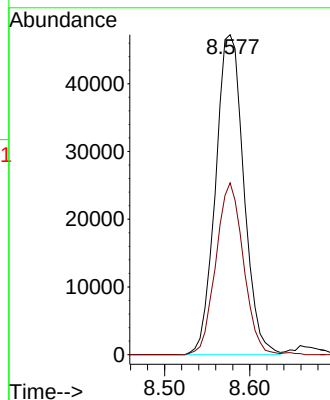
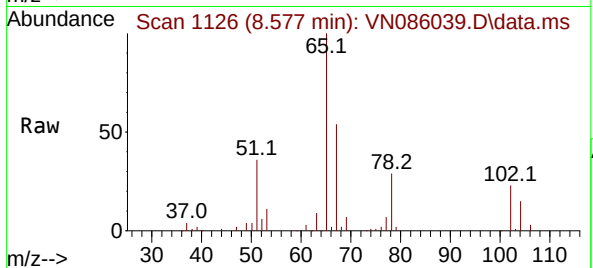
67 52.2 0.0 102.2

Manual Integrations

APPROVED

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: VN086039.D

Acq: 21 Mar 2025 14:52

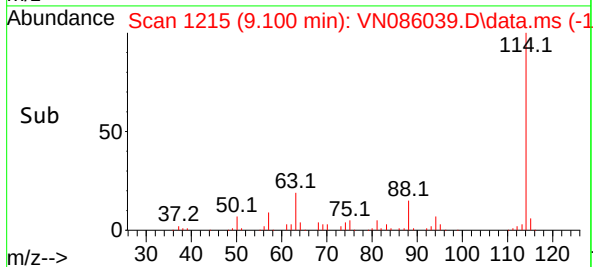
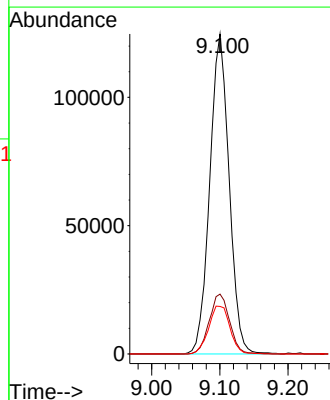
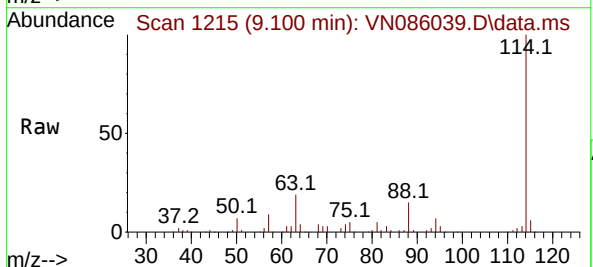
Tgt Ion:114 Resp: 246307

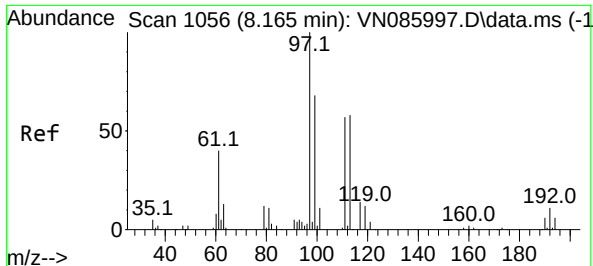
Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

88 14.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.351 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086039.D

Acq: 21 Mar 2025 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

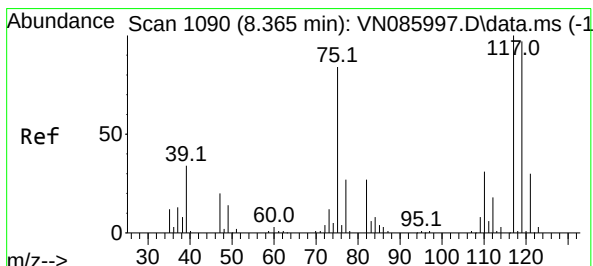
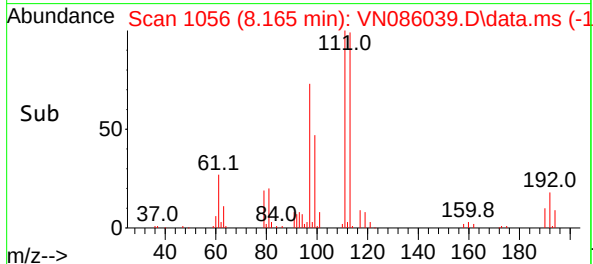
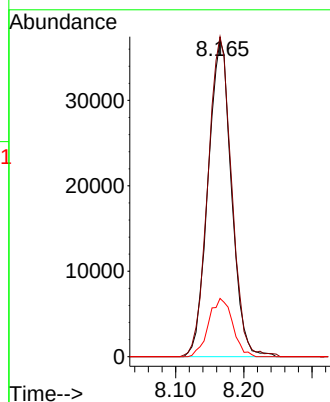
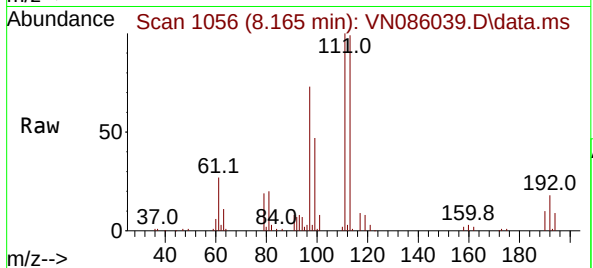
Tgt Ion:	113	Resp:	8828
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.8	122.8
192	18.9	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/24/2025

Supervised By :Semsettin Yesilyurt 03/24/2025



#36

1,1-Dichloropropene

Concen: 20.834 ug/l

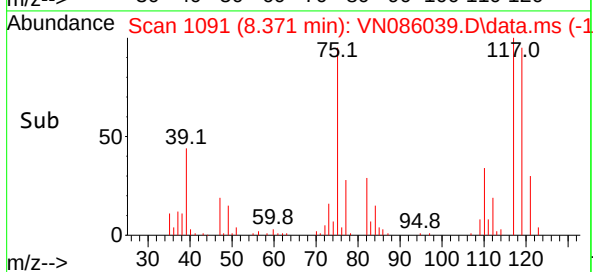
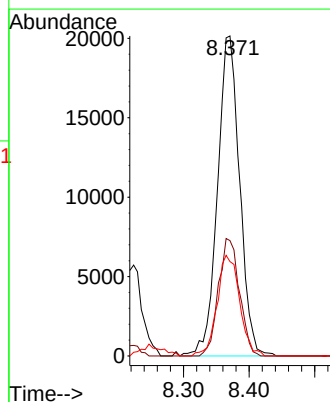
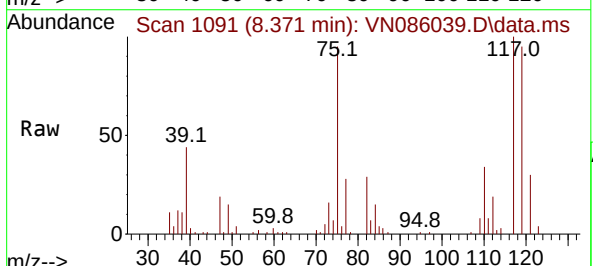
RT: 8.371 min Scan# 1091

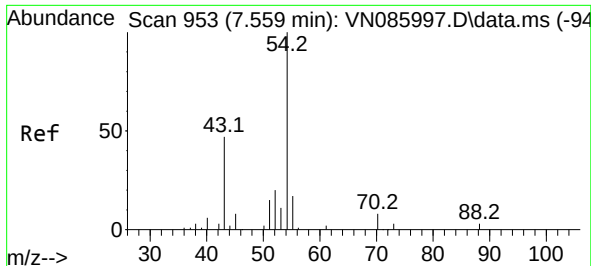
Delta R.T. 0.006 min

Lab File: VN086039.D

Acq: 21 Mar 2025 14:52

Tgt Ion:	75	Resp:	47163
Ion Ratio	Lower	Upper	
75	100		
110	34.8	17.8	53.3
77	32.0	25.0	37.4





#37

Ethyl Acetate

Concen: 22.765 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN086039.D

Acq: 21 Mar 2025 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

Tgt Ion: 43 Resp: 4347

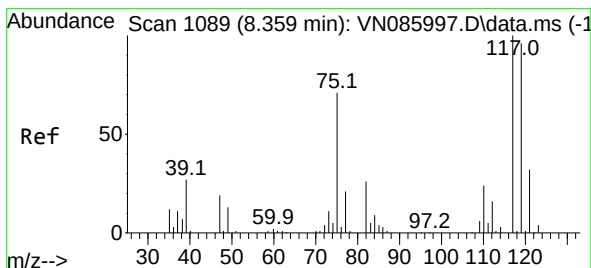
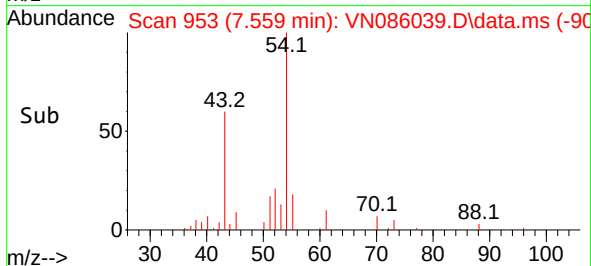
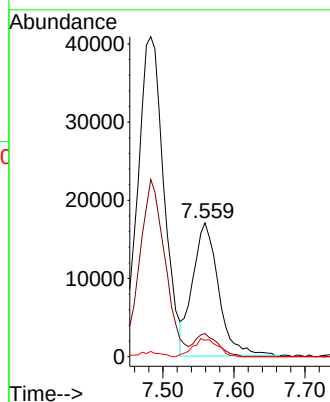
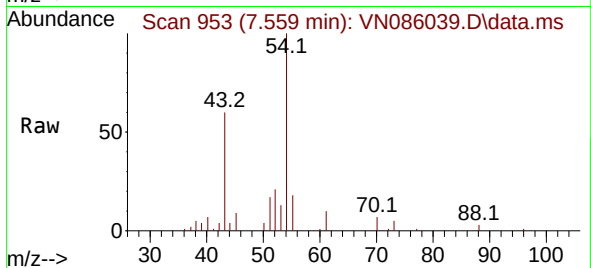
Ion	Ratio	Lower	Upper
43	100		
61	15.4	13.0	19.4
70	12.9	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/24/2025

Supervised By :Semsettin Yesilyurt 03/24/2025



#38

Carbon Tetrachloride

Concen: 21.518 ug/l

RT: 8.359 min Scan# 1089

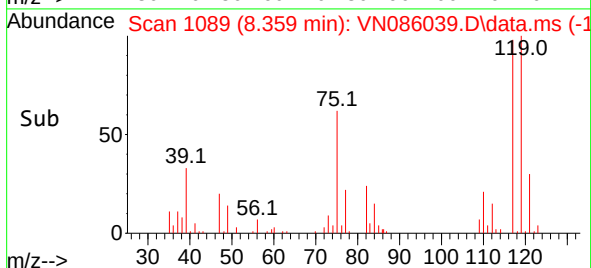
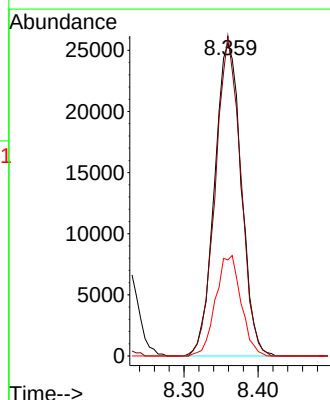
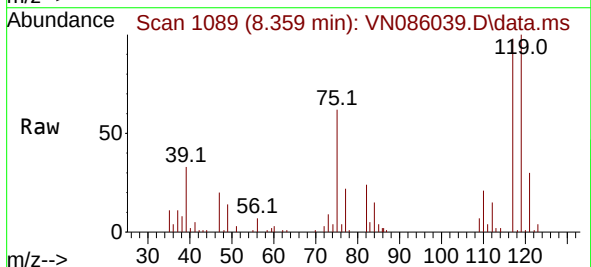
Delta R.T. -0.000 min

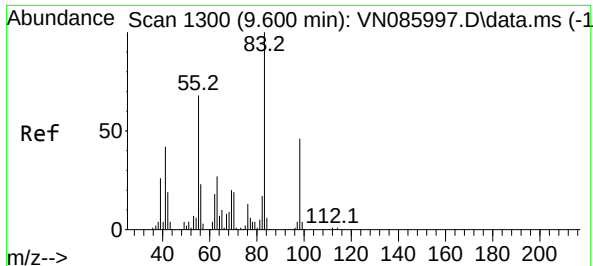
Lab File: VN086039.D

Acq: 21 Mar 2025 14:52

Tgt Ion:117 Resp: 64048

Ion	Ratio	Lower	Upper
117	100		
119	102.3	77.0	115.4
121	30.7	25.6	38.4





#39

Methylcyclohexane

Concen: 19.755 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN086039.D

Acq: 21 Mar 2025 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

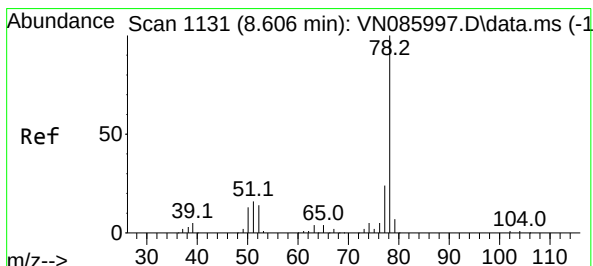
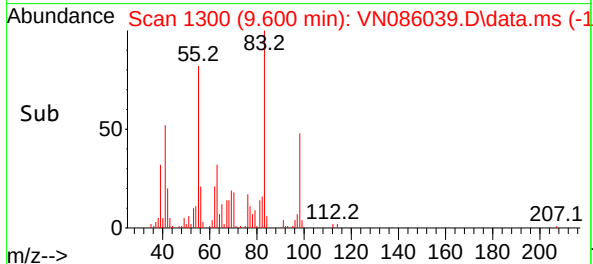
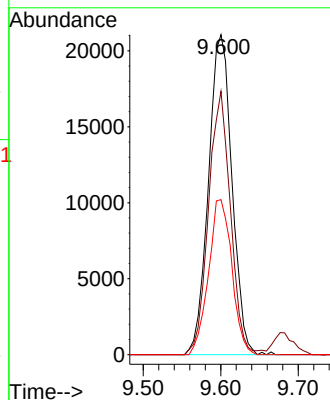
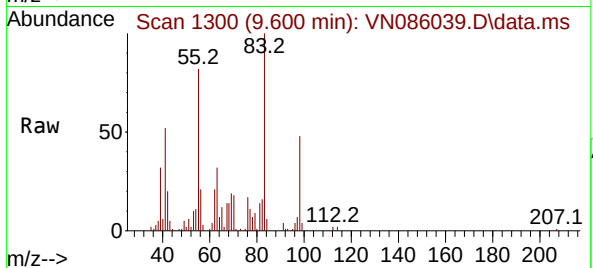
Tgt Ion:	83	Resp:	4436
Ion Ratio	Lower	Upper	
83	100		
55	82.3	54.2	81.2
98	48.5	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/24/2025

Supervised By :Semsettin Yesilyurt 03/24/2025



#40

Benzene

Concen: 22.010 ug/l

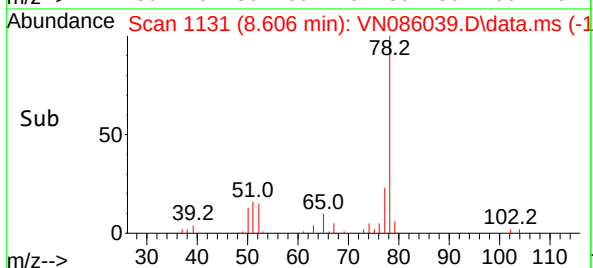
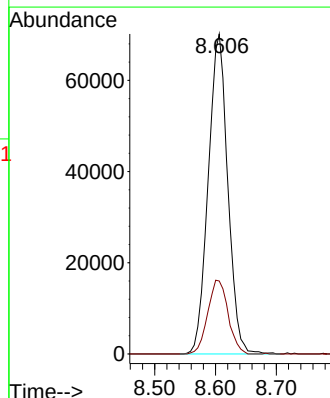
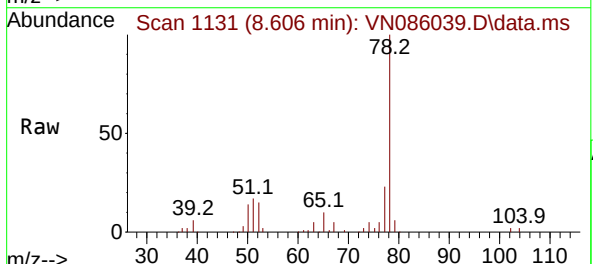
RT: 8.606 min Scan# 1131

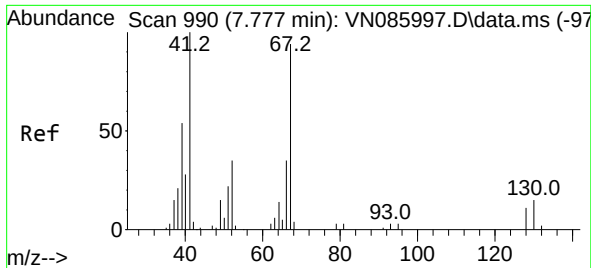
Delta R.T. -0.000 min

Lab File: VN086039.D

Acq: 21 Mar 2025 14:52

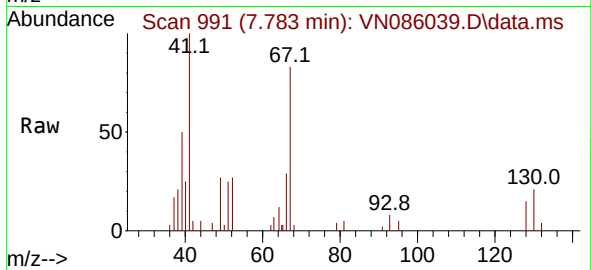
Tgt Ion:	78	Resp:	156416
Ion Ratio	Lower	Upper	
78	100		
77	22.8	18.9	28.3





#41
Methacrylonitrile
Concen: 25.342 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

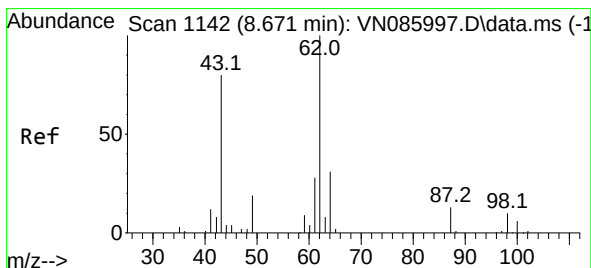
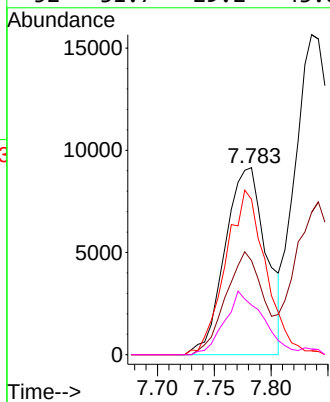
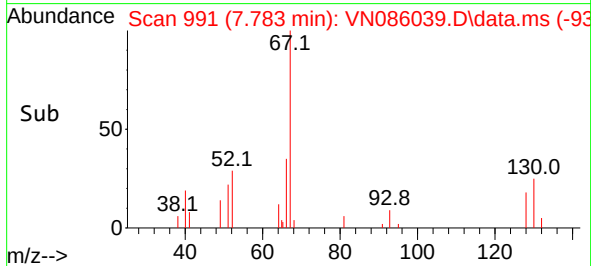
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion: 41 Resp: 23110
Ion Ratio Lower Upper
41 100
39 48.7 46.2 69.2
67 86.3 75.9 113.9
52 31.7 29.2 43.8

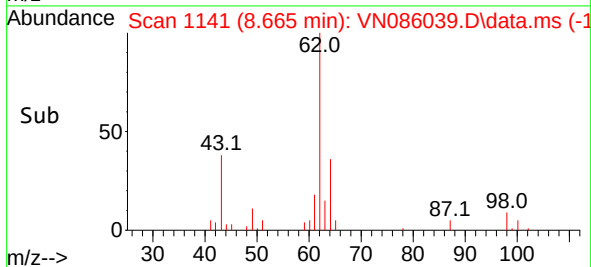
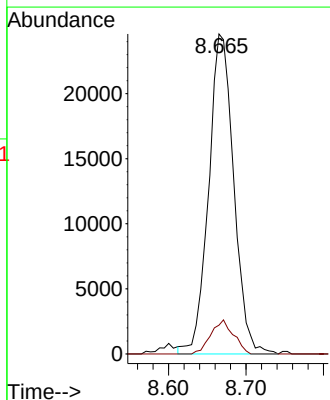
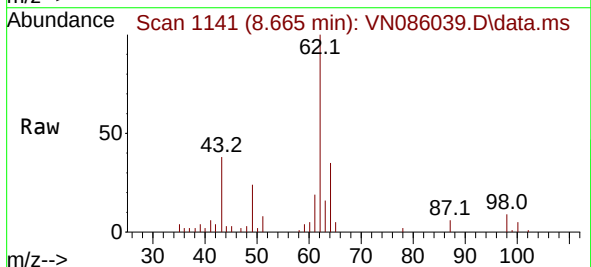
Manual Integrations
APPROVED

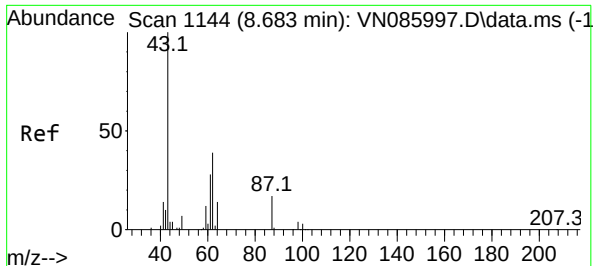
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#42
1,2-Dichloroethane
Concen: 22.361 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

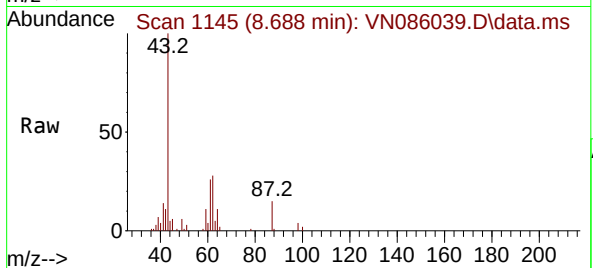
Tgt Ion: 62 Resp: 55369
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.6





#43
Isopropyl Acetate
Concen: 17.138 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

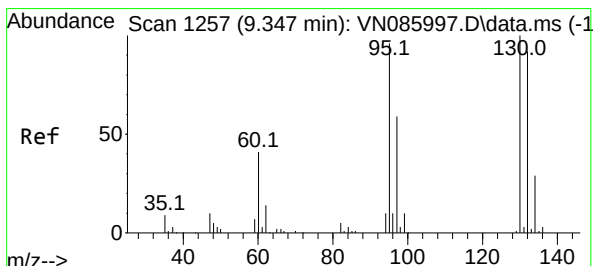
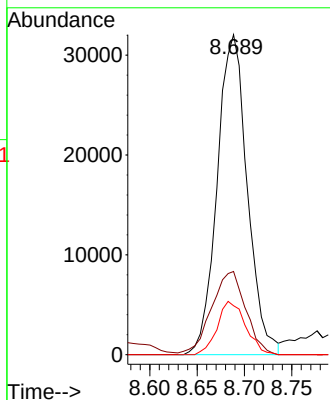
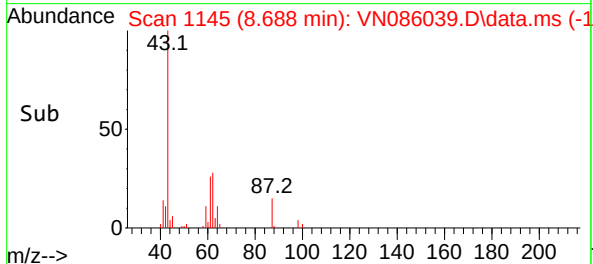
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



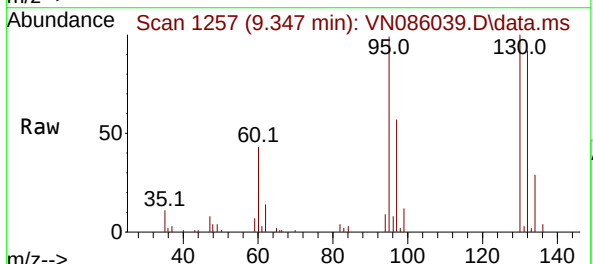
Tgt Ion: 43 Resp: 70924
Ion Ratio Lower Upper
43 100
61 29.6 25.0 37.6
87 15.7 13.0 19.4

Manual Integrations
APPROVED

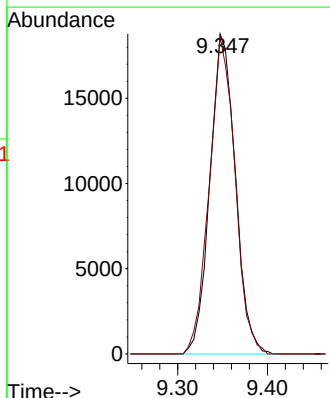
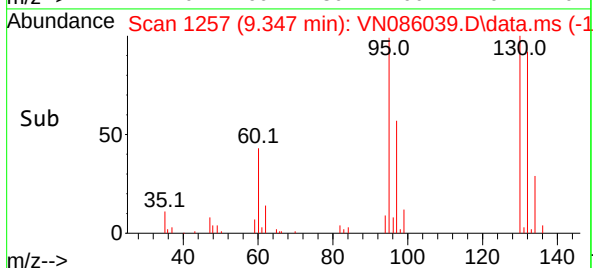
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

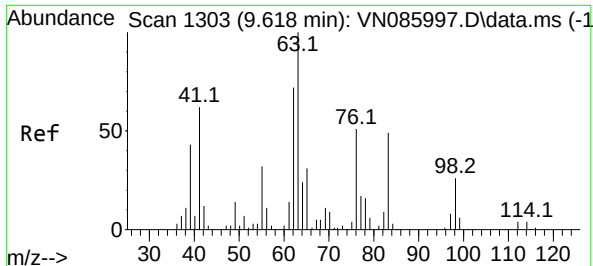


#44
Trichloroethene
Concen: 20.061 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52



Tgt Ion:130 Resp: 36948
Ion Ratio Lower Upper
130 100
95 99.1 0.0 191.6





#45

1,2-Dichloropropane

Concen: 22.762 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086039.D

Acq: 21 Mar 2025 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

Tgt Ion: 63 Resp: 3679

Ion Ratio Lower Upper

63 100

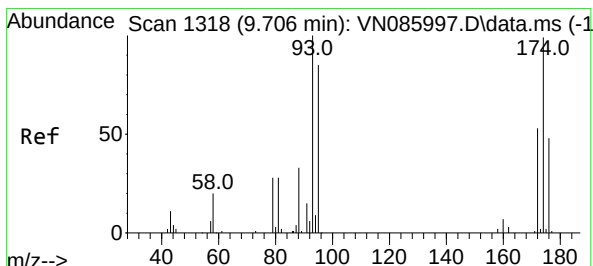
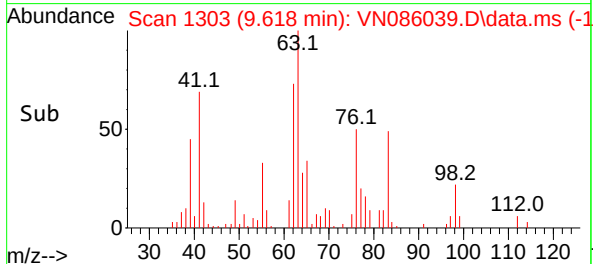
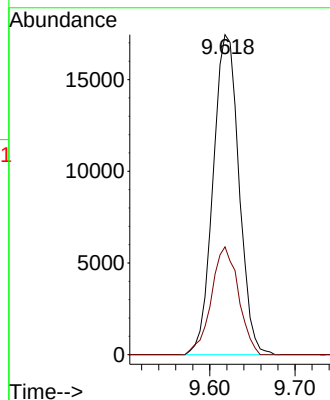
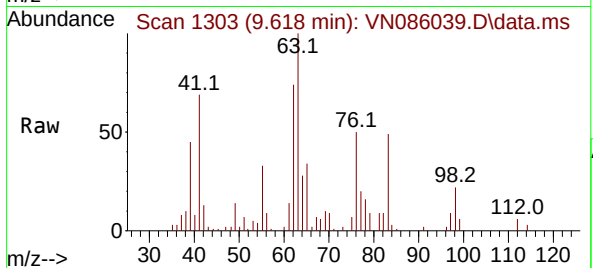
65 33.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/24/2025

Supervised By :Semsettin Yesilyurt 03/24/2025



#46

Dibromomethane

Concen: 22.625 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086039.D

Acq: 21 Mar 2025 14:52

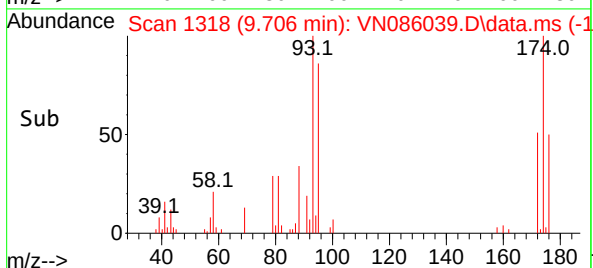
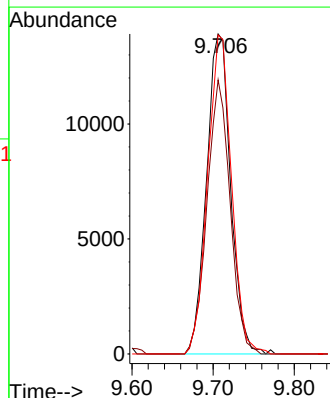
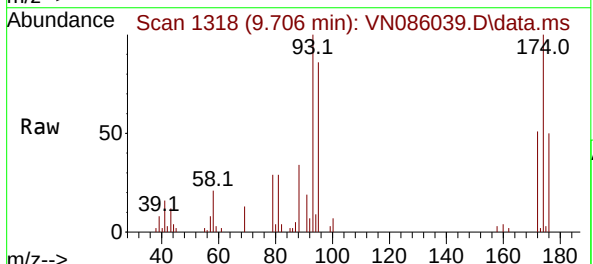
Tgt Ion: 93 Resp: 28759

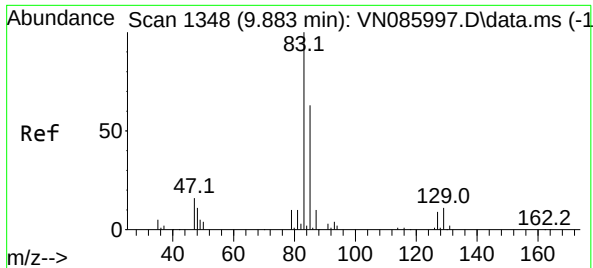
Ion Ratio Lower Upper

93 100

95 82.0 66.2 99.2

174 98.6 80.1 120.1





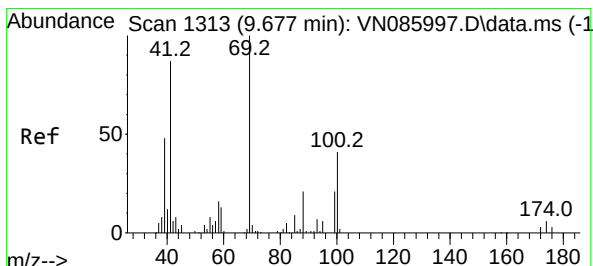
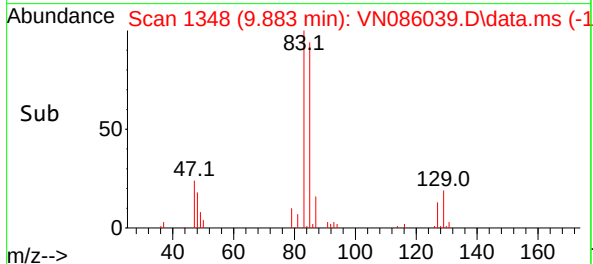
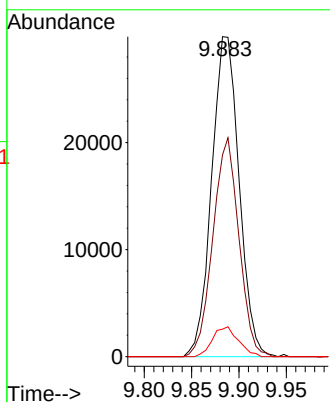
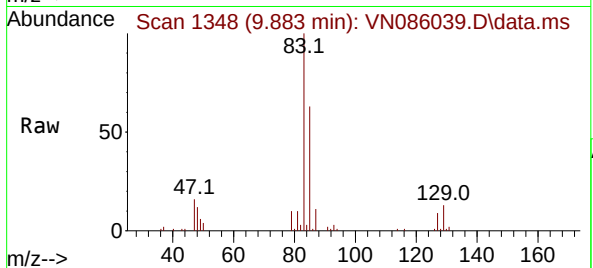
#47
Bromodichloromethane
Concen: 22.711 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion: 83 Resp: 60334
Ion Ratio Lower Upper
83 100
85 63.1 50.2 75.2
127 8.6 7.1 10.7

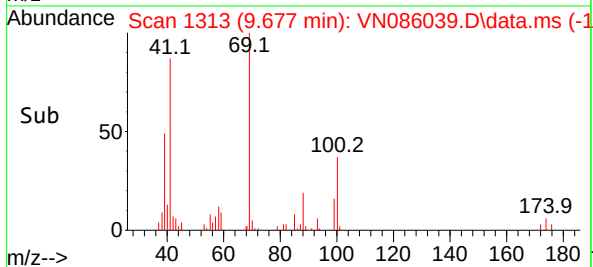
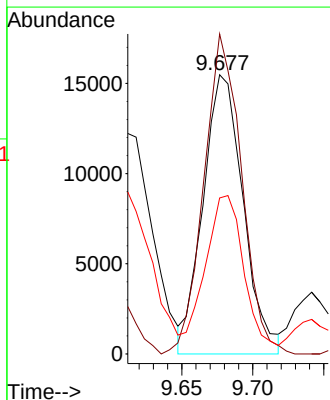
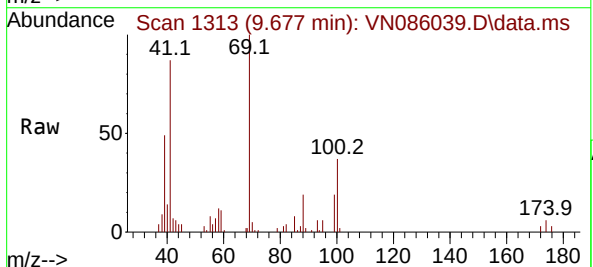
Manual Integrations
APPROVED

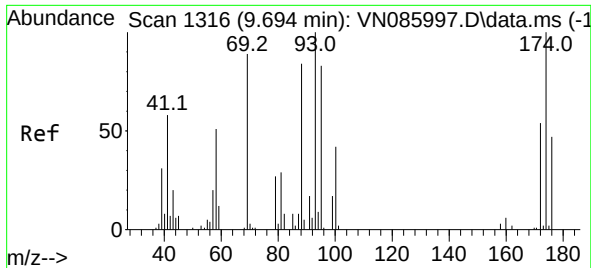
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#48
Methyl methacrylate
Concen: 22.283 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

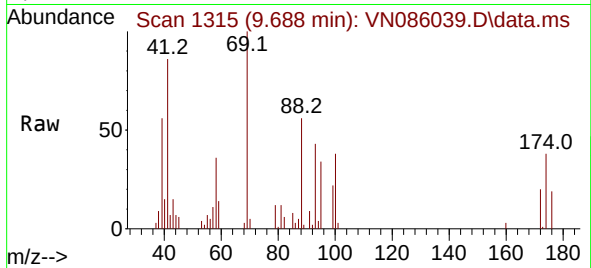
Tgt Ion: 41 Resp: 30431
Ion Ratio Lower Upper
41 100
69 107.7 83.1 124.7
39 55.8 45.6 68.4





#49
1,4-Dioxane
Concen: 468.450 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

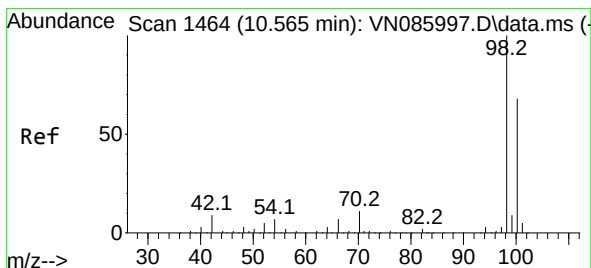
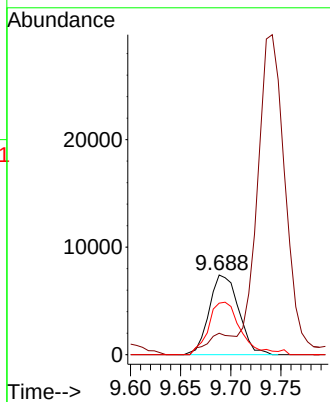
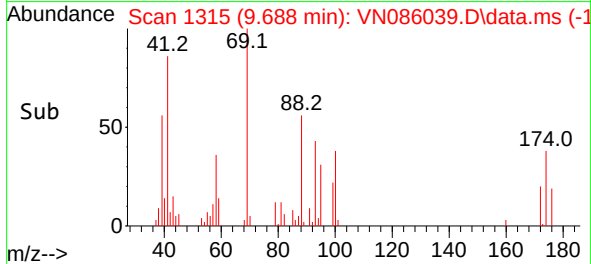
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



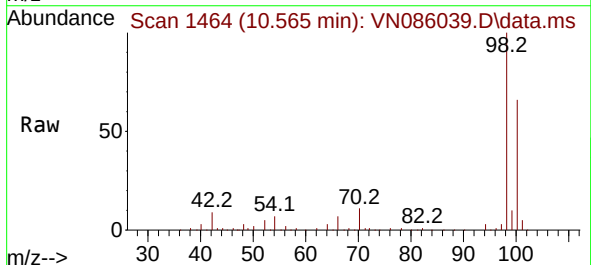
Tgt Ion: 88 Resp: 1512
Ion Ratio Lower Upper
88 100
43 22.5 21.7 32.5
58 72.3 50.4 75.6

Manual Integrations
APPROVED

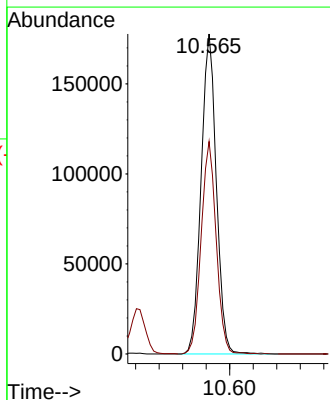
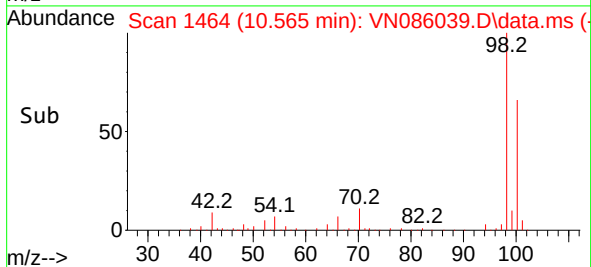
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

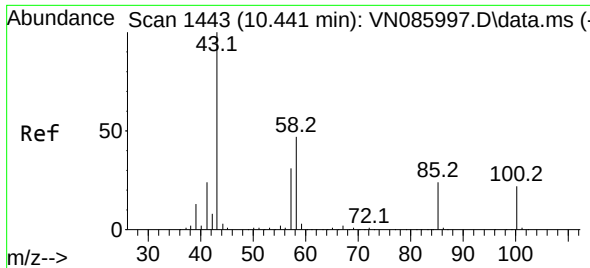


#50
Toluene-d8
Concen: 51.053 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52



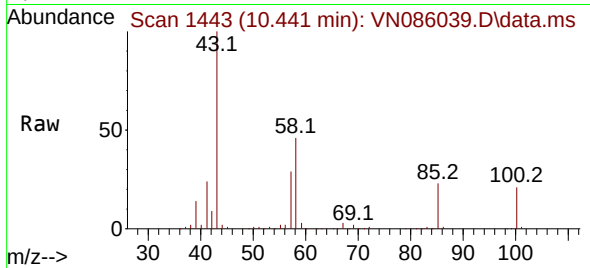
Tgt Ion: 98 Resp: 318545
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 121.174 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

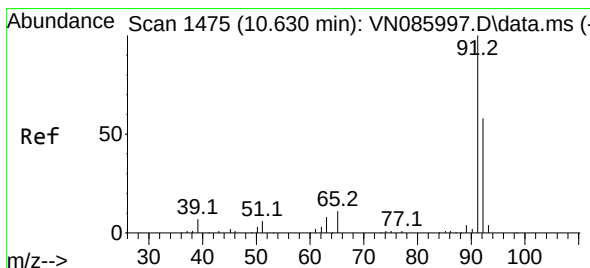
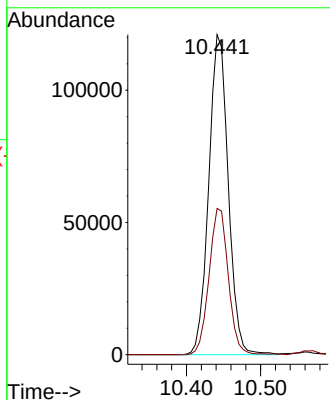
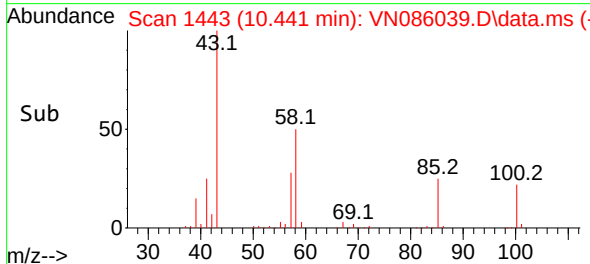
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion: 43 Resp: 221159
Ion Ratio Lower Upper
43 100
58 45.2 37.4 56.0

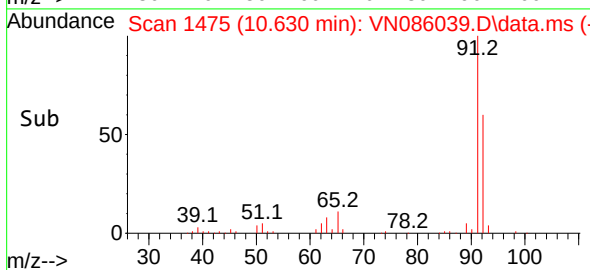
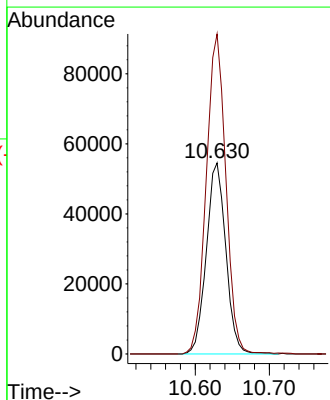
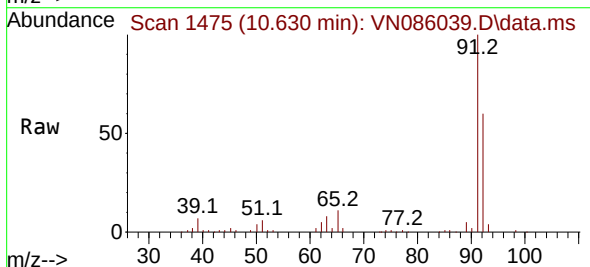
Manual Integrations
APPROVED

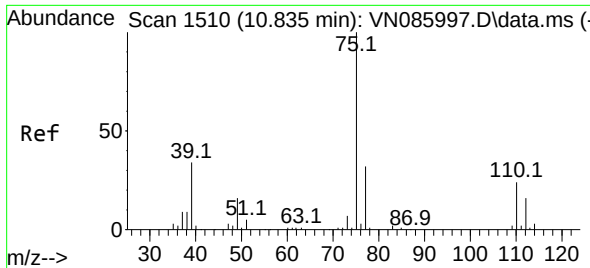
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#52
Toluene
Concen: 22.825 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

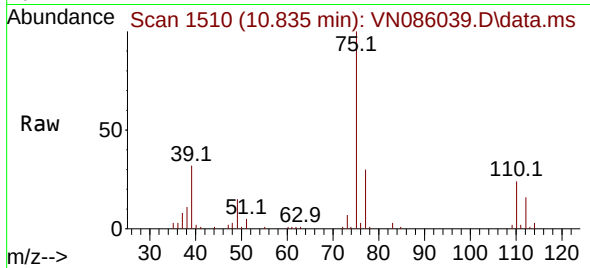
Tgt Ion: 92 Resp: 99552
Ion Ratio Lower Upper
92 100
91 168.4 136.2 204.4





#53
t-1,3-Dichloropropene
Concen: 21.908 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

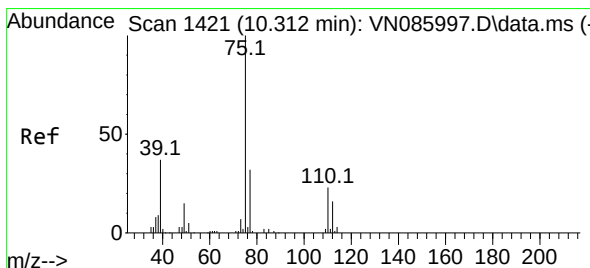
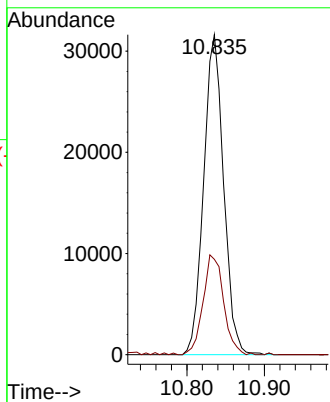
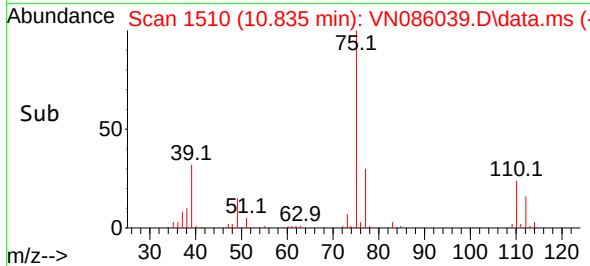
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion: 75 Resp: 5652
Ion Ratio Lower Upper
75 100
77 29.8 25.3 37.9

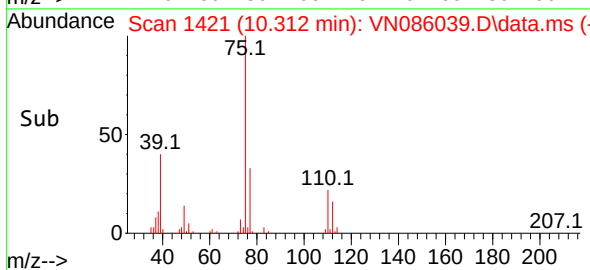
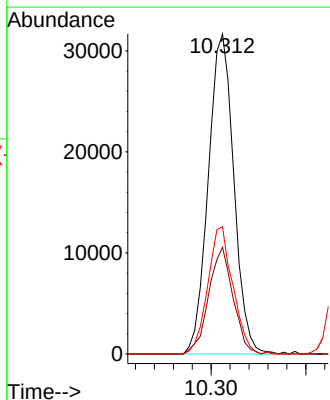
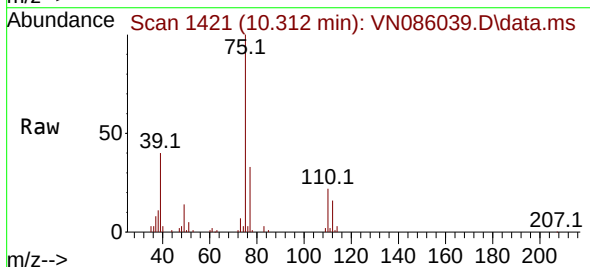
Manual Integrations
APPROVED

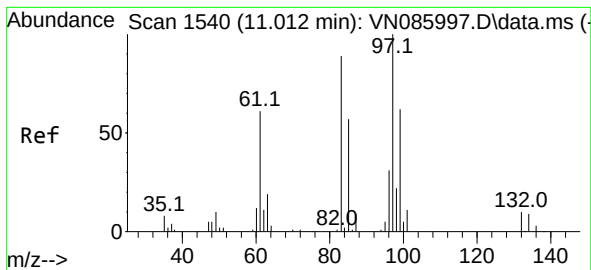
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#54
cis-1,3-Dichloropropene
Concen: 21.818 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

Tgt Ion: 75 Resp: 59391
Ion Ratio Lower Upper
75 100
77 33.4 25.3 37.9
39 39.7 29.6 44.4





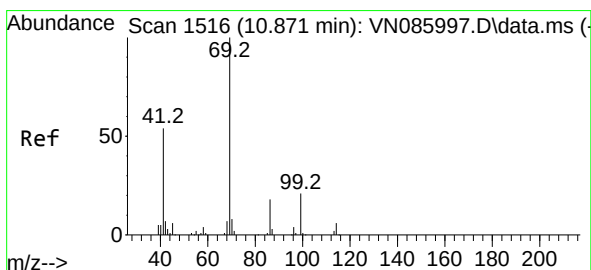
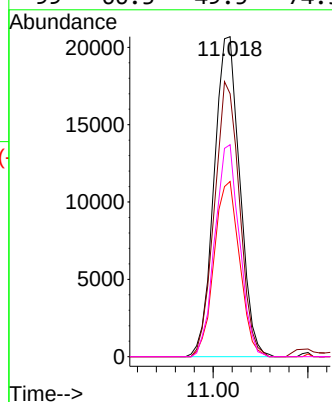
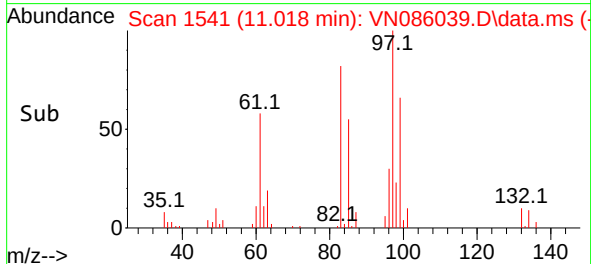
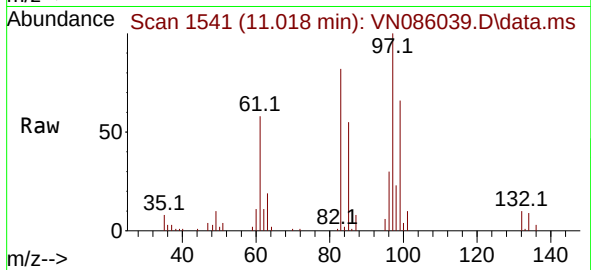
#55
1,1,2-Trichloroethane
Concen: 23.456 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion: 97	Resp: 3904
Ion Ratio	Lower Upper
97 100	
83 82.1	71.2 106.8
85 54.8	45.4 68.0
99 66.3	49.5 74.3

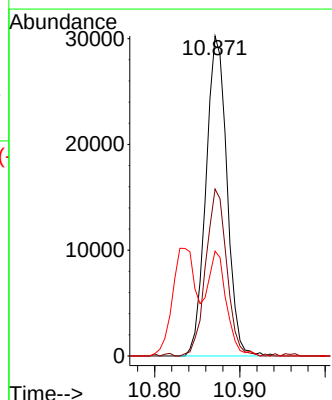
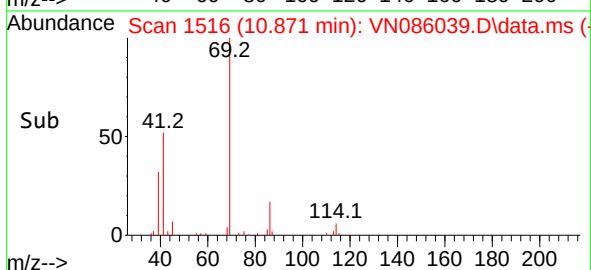
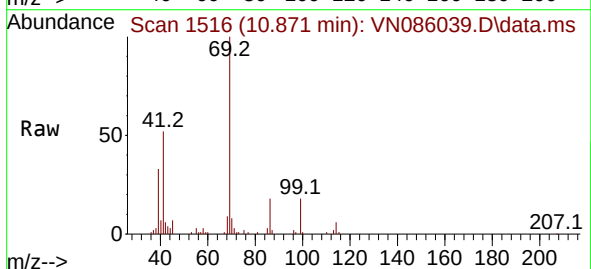
Manual Integrations
APPROVED

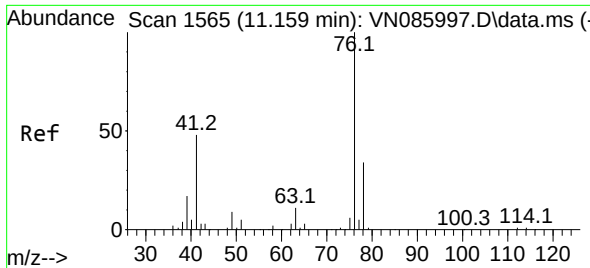
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#56
Ethyl methacrylate
Concen: 22.487 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

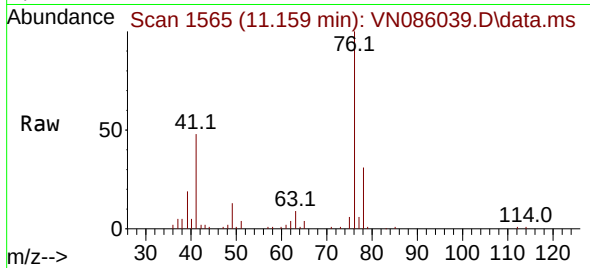
Tgt Ion: 69	Resp: 51792
Ion Ratio	Lower Upper
69 100	
41 52.3	41.6 62.4
39 30.2	21.8 32.8





#57
1,3-Dichloropropane
Concen: 22.344 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

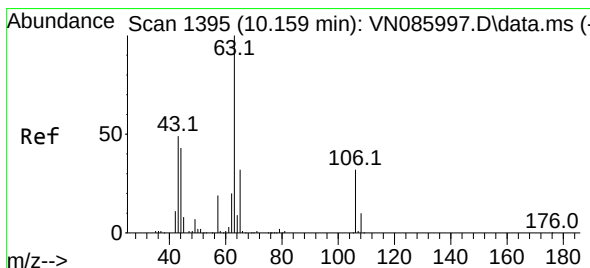
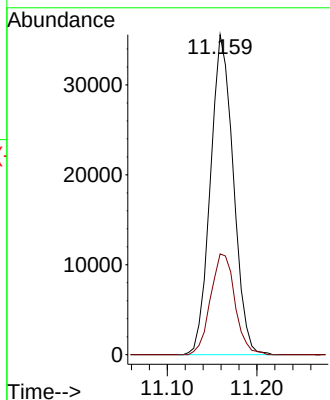
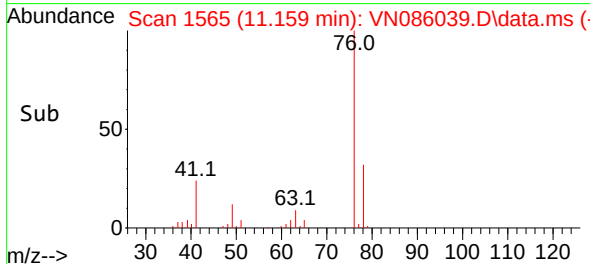
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion: 76 Resp: 63178
Ion Ratio Lower Upper
76 100
78 33.4 25.8 38.6

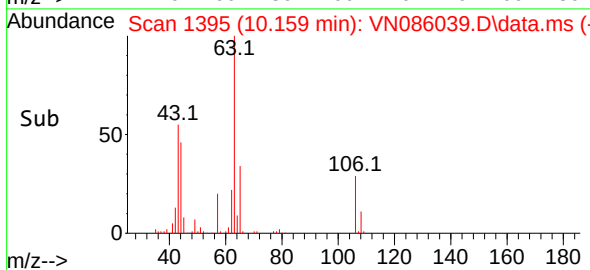
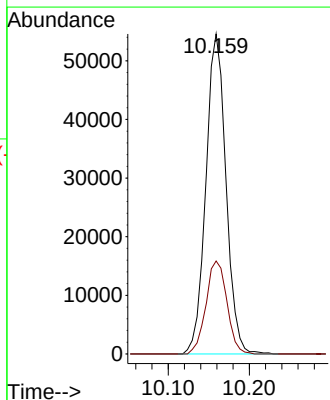
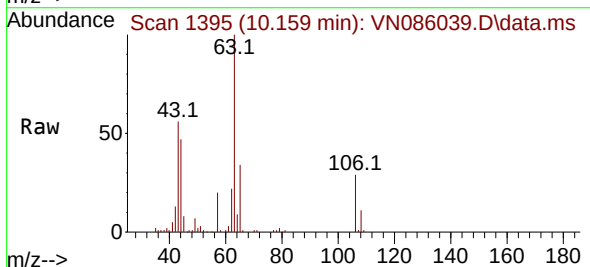
Manual Integrations
APPROVED

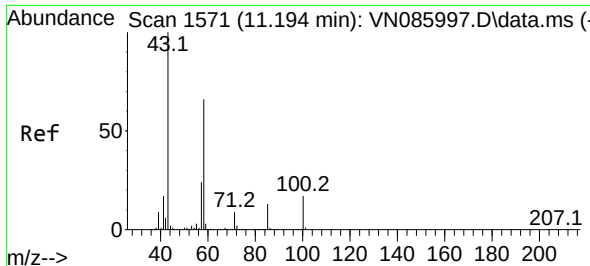
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#58
2-Chloroethyl Vinyl ether
Concen: 108.244 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

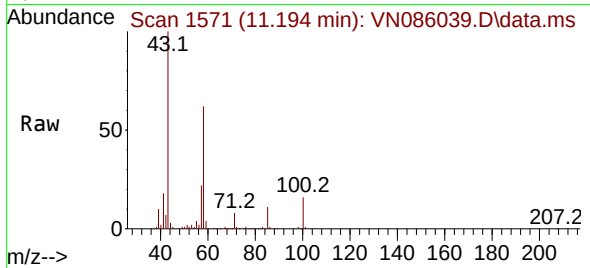
Tgt Ion: 63 Resp: 93811
Ion Ratio Lower Upper
63 100
106 30.2 25.0 37.6





#59
2-Hexanone
Concen: 120.933 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

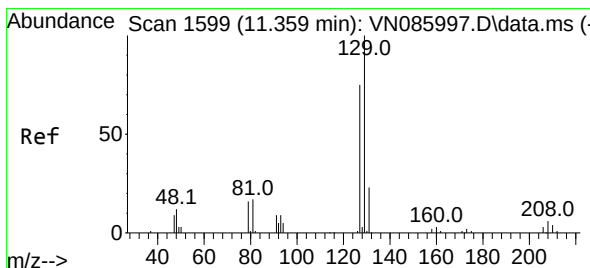
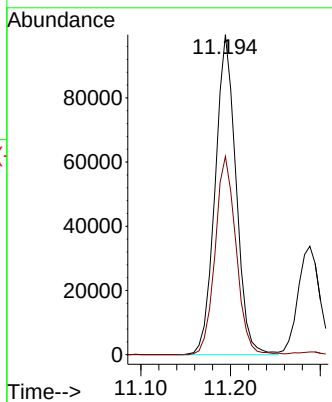
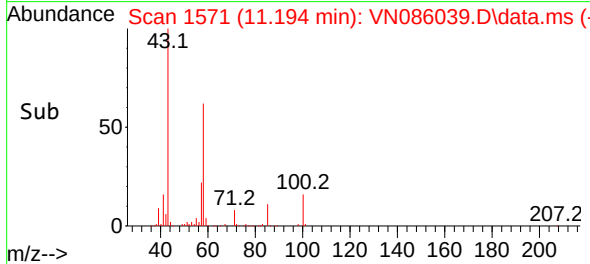
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion: 43 Resp: 160793
Ion Ratio Lower Upper
43 100
58 62.1 32.4 97.2

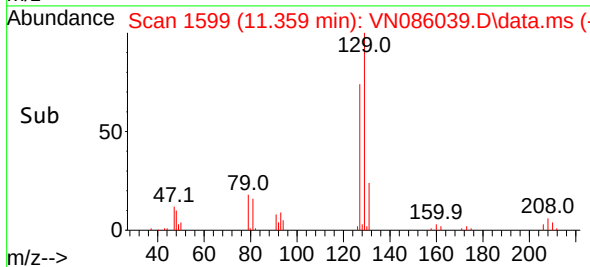
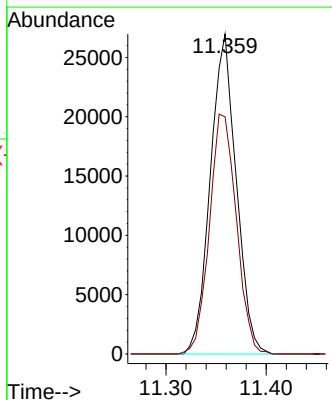
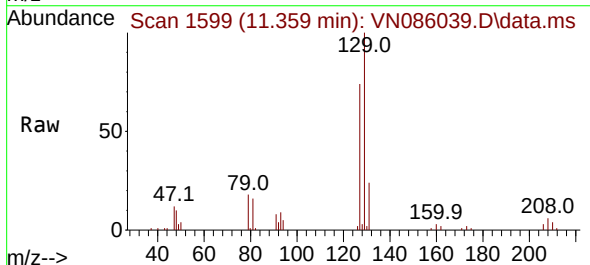
Manual Integrations
APPROVED

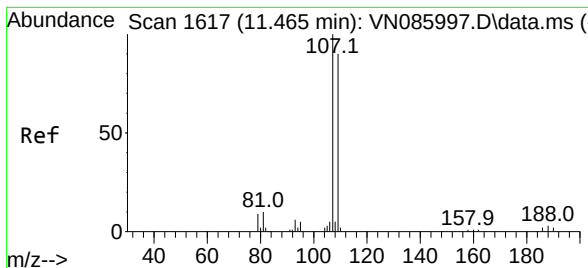
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#60
Dibromochloromethane
Concen: 22.520 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

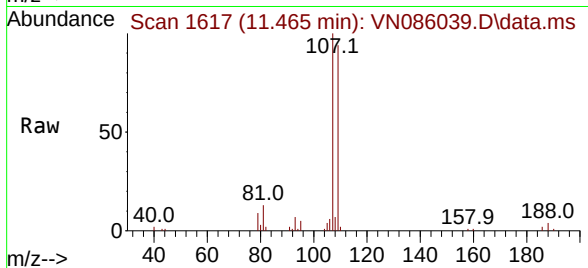
Tgt Ion:129 Resp: 48376
Ion Ratio Lower Upper
129 100
127 77.7 37.8 113.4





#61
1,2-Dibromoethane
Concen: 22.684 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

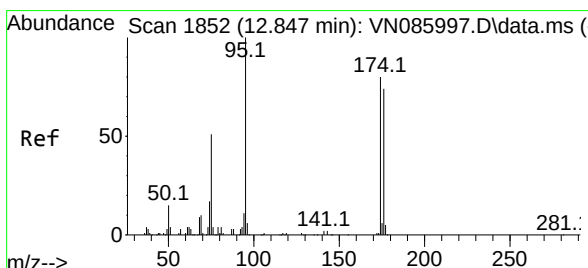
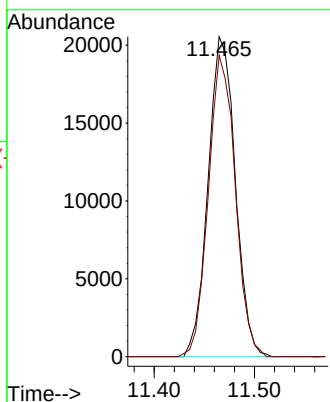
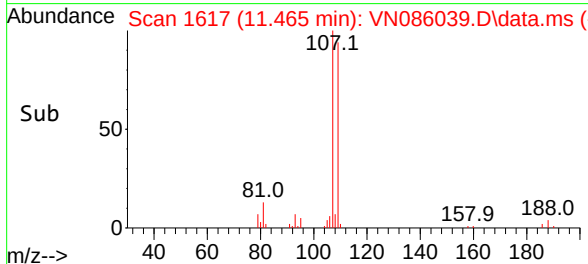
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



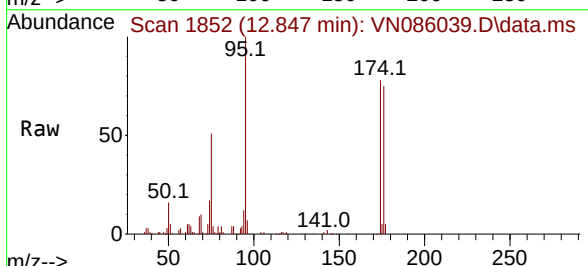
Tgt Ion:107 Resp: 38768
Ion Ratio Lower Upper
107 100
109 92.8 73.3 109.9

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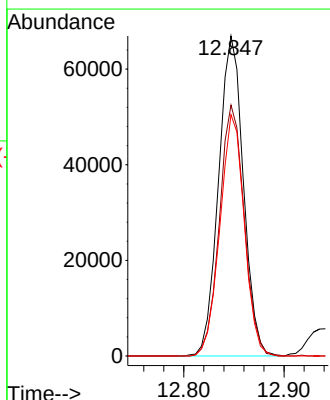
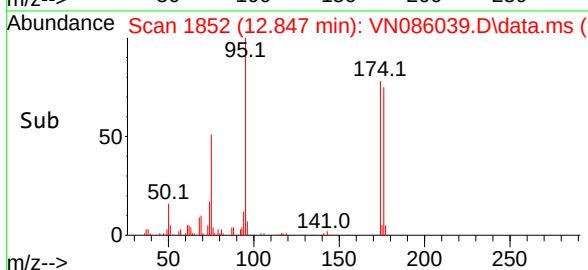
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

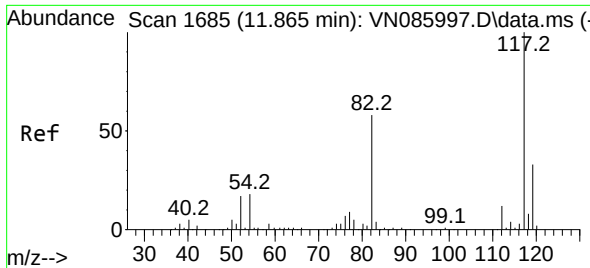


#62
4-Bromofluorobenzene
Concen: 51.572 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52



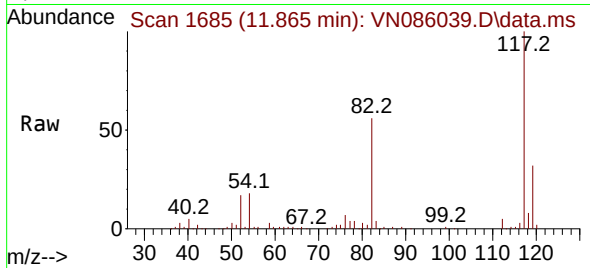
Tgt Ion: 95 Resp: 114757
Ion Ratio Lower Upper
95 100
174 78.3 0.0 156.8
176 74.0 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

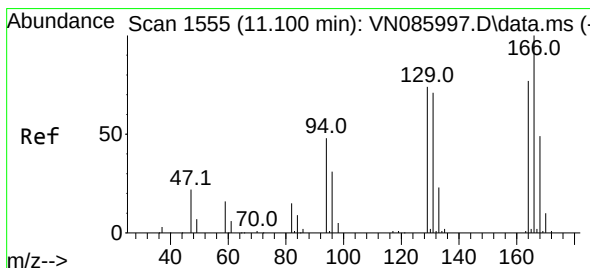
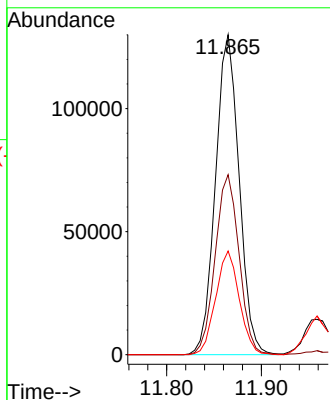
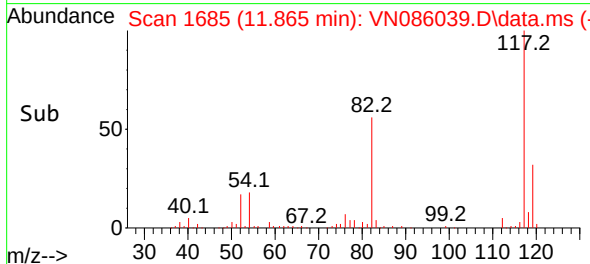
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



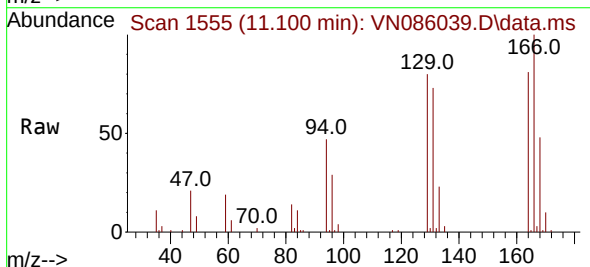
Tgt Ion:117 Resp: 22594
Ion Ratio Lower Upper
117 100
82 56.3 46.7 70.1
119 32.4 26.5 39.7

Manual Integrations
APPROVED

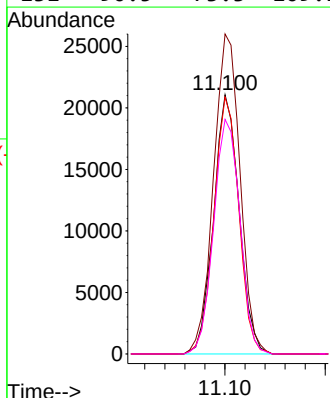
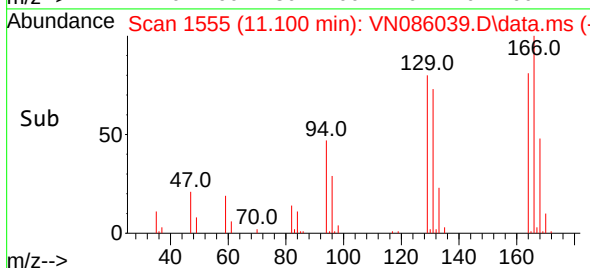
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

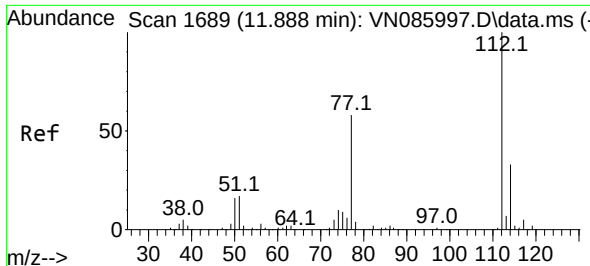


#64
Tetrachloroethene
Concen: 20.689 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52



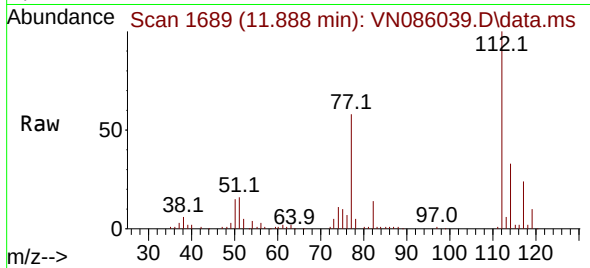
Tgt Ion:164 Resp: 37289
Ion Ratio Lower Upper
164 100
166 123.5 103.7 155.5
129 99.1 77.1 115.7
131 90.5 73.3 109.9





#65
Chlorobenzene
Concen: 20.794 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

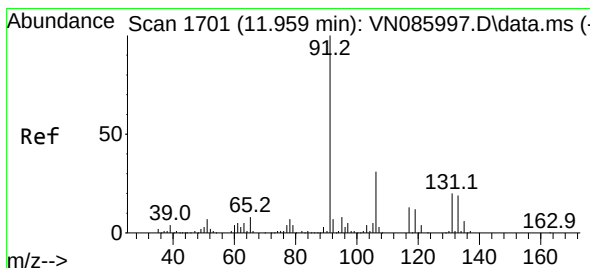
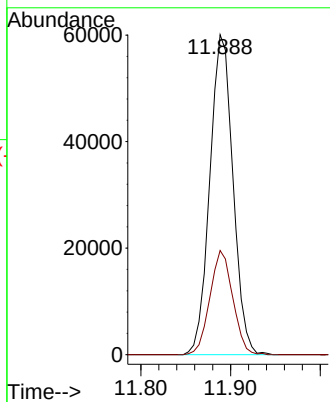
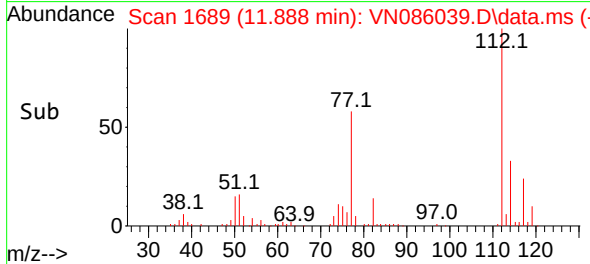
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



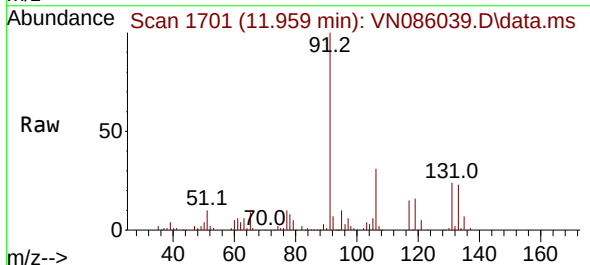
Tgt Ion:112 Resp: 10751
Ion Ratio Lower Upper
112 100
114 32.5 26.3 39.5

Manual Integrations
APPROVED

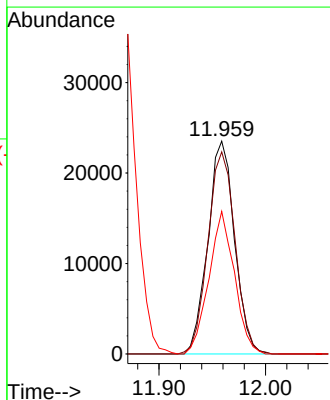
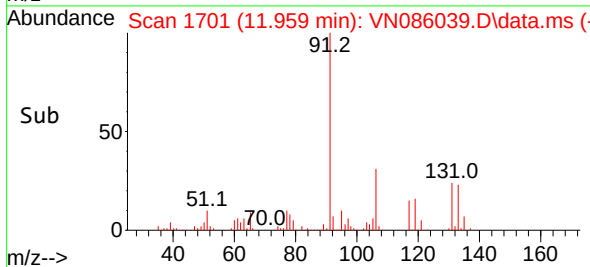
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

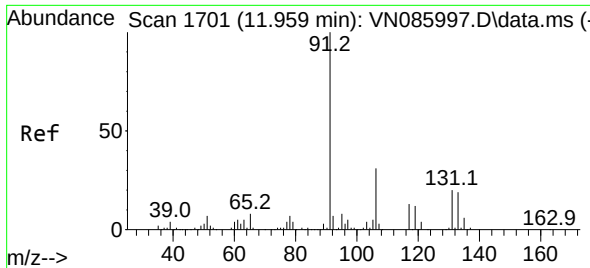


#66
1,1,1,2-Tetrachloroethane
Concen: 21.248 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52



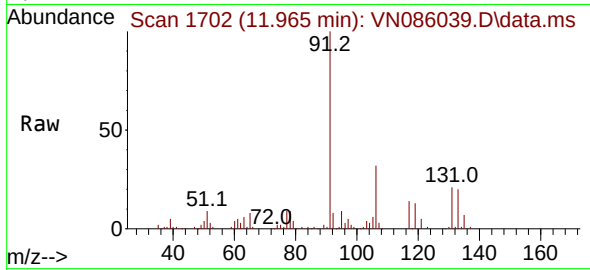
Tgt Ion:131 Resp: 40838
Ion Ratio Lower Upper
131 100
133 97.3 47.0 141.0
119 64.3 31.4 94.0





#67
Ethyl Benzene
Concen: 20.327 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

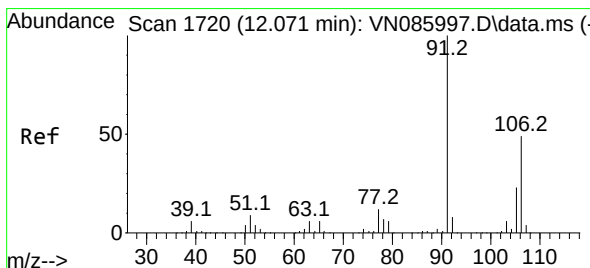
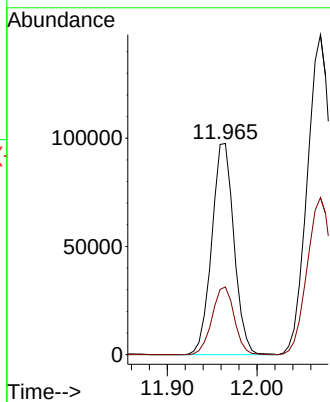
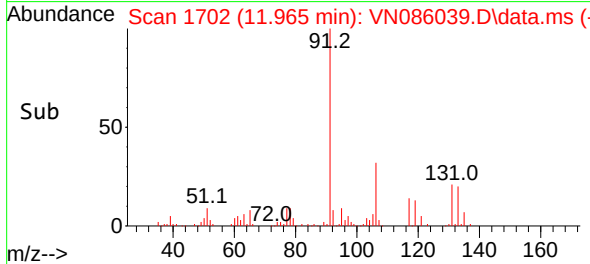
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion: 91 Resp: 168114
Ion Ratio Lower Upper
91 100
106 32.1 24.5 36.7

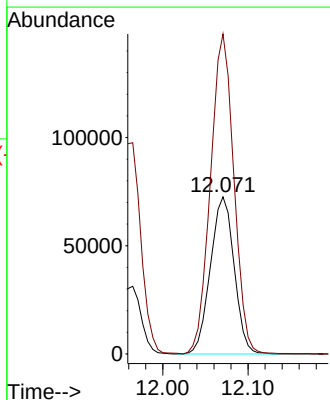
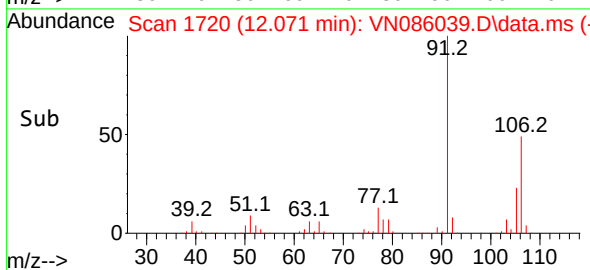
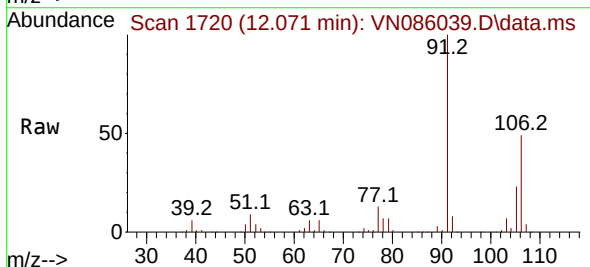
Manual Integrations
APPROVED

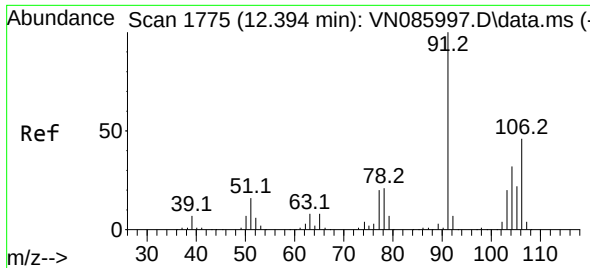
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#68
m/p-Xylenes
Concen: 43.153 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

Tgt Ion:106 Resp: 140277
Ion Ratio Lower Upper
106 100
91 201.2 163.9 245.9





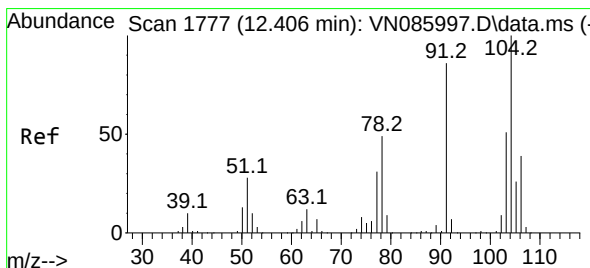
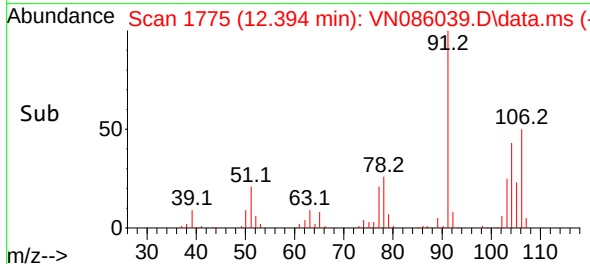
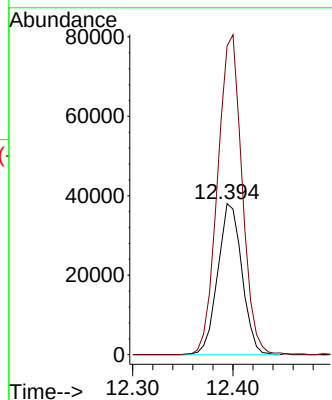
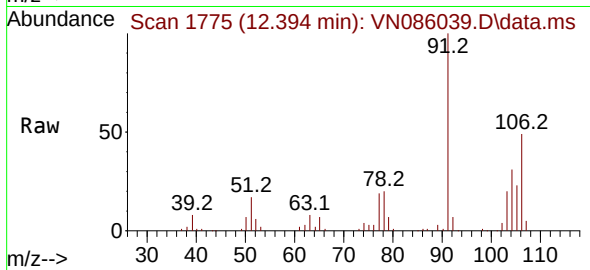
#69
o-Xylene
Concen: 21.314 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion:106 Resp: 6359
Ion Ratio Lower Upper
106 100
91 215.1 109.1 327.2

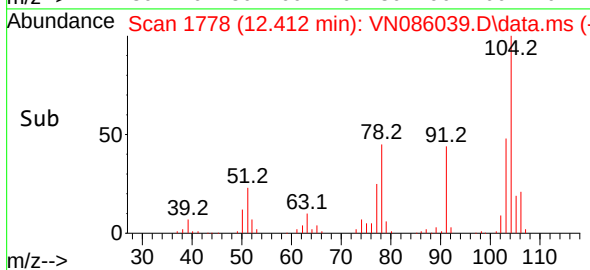
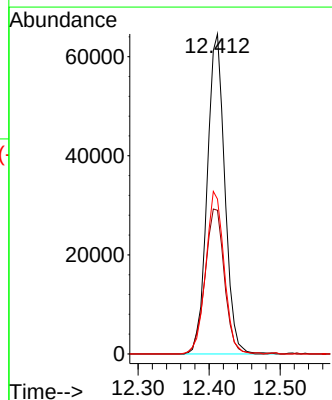
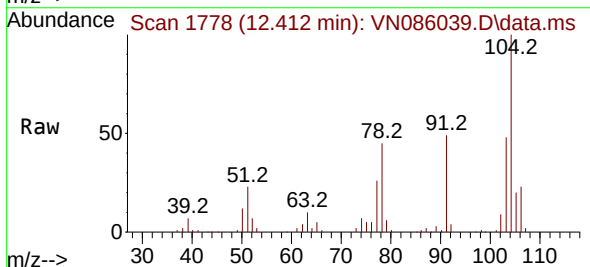
Manual Integrations
APPROVED

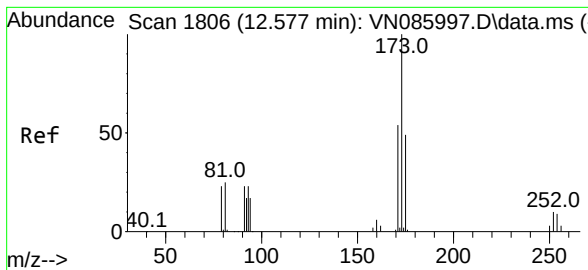
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#70
Styrene
Concen: 21.802 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

Tgt Ion:104 Resp: 111101
Ion Ratio Lower Upper
104 100
78 49.8 41.4 62.2
103 53.3 42.9 64.3





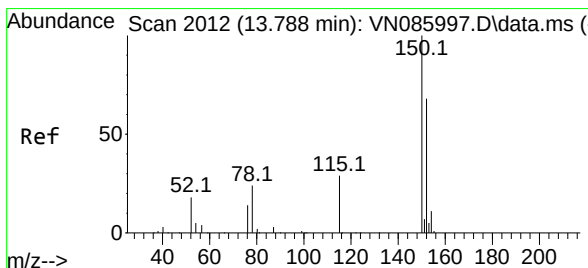
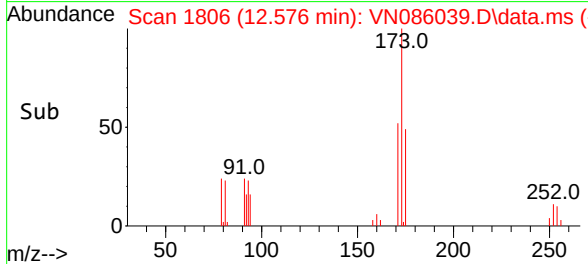
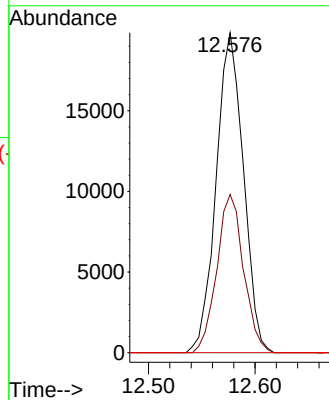
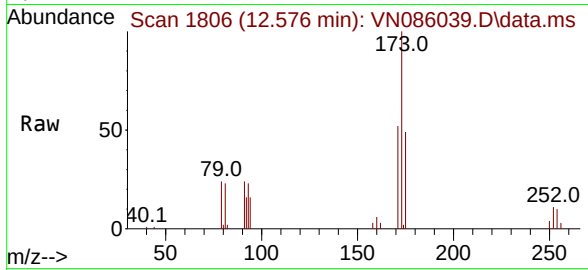
#71
Bromoform
Concen: 21.909 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion:173 Resp: 3520
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.0 0.0 0.0

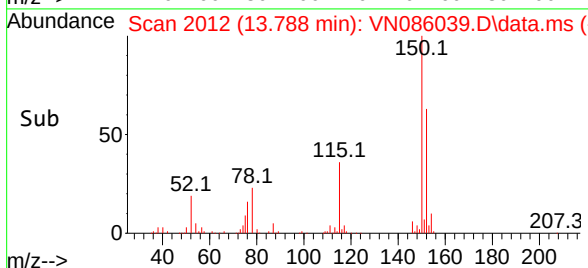
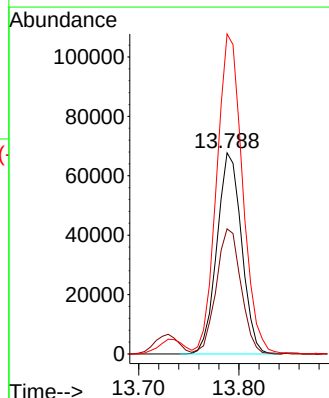
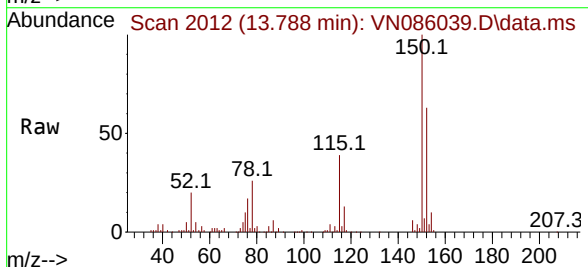
Manual Integrations
APPROVED

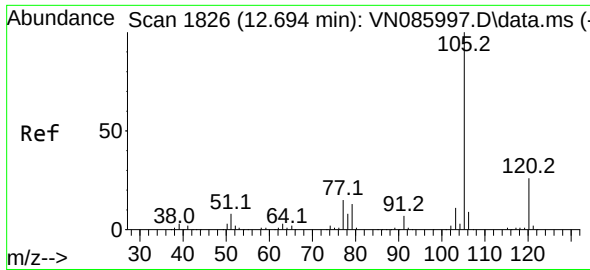
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

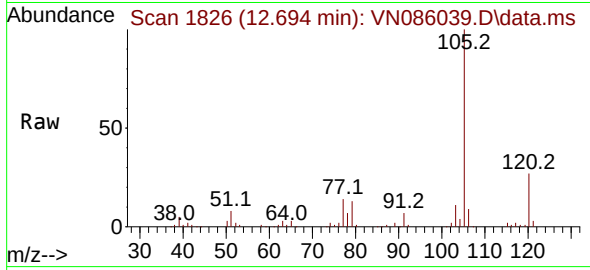
Tgt Ion:152 Resp: 115388
Ion Ratio Lower Upper
152 100
115 62.7 31.1 93.2
150 167.1 0.0 359.6





#73
Isopropylbenzene
Concen: 19.930 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

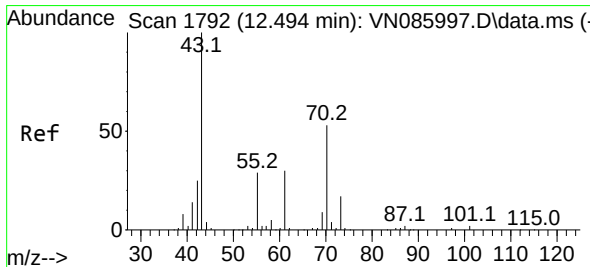
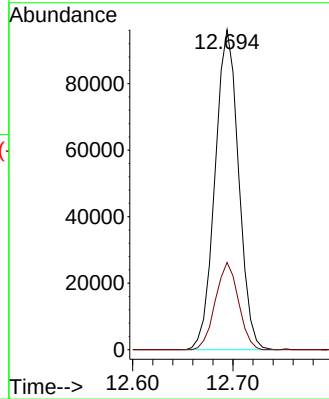
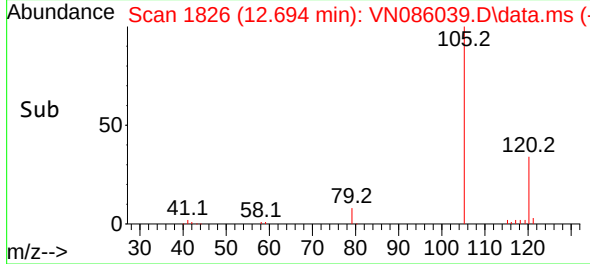
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion:105 Resp: 15704
Ion Ratio Lower Upper
105 100
120 26.7 13.0 39.0

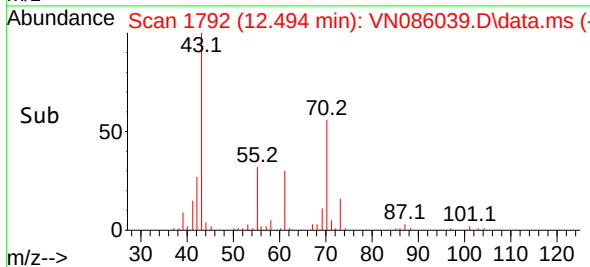
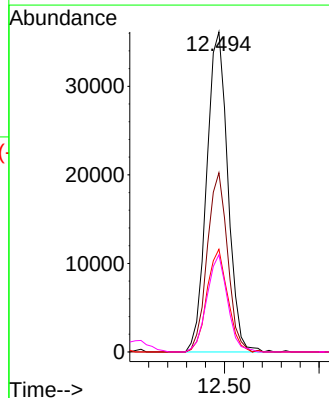
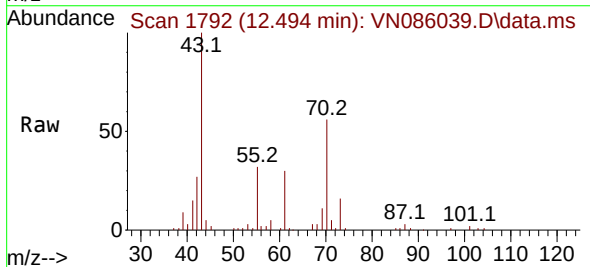
Manual Integrations
APPROVED

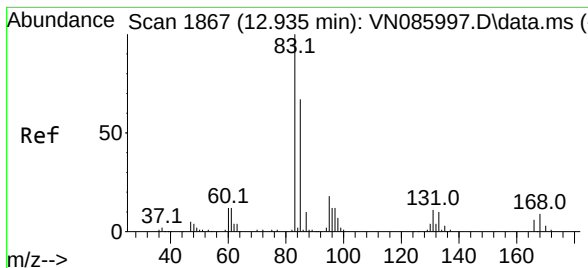
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#74
N-ethyl acetate
Concen: 21.190 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

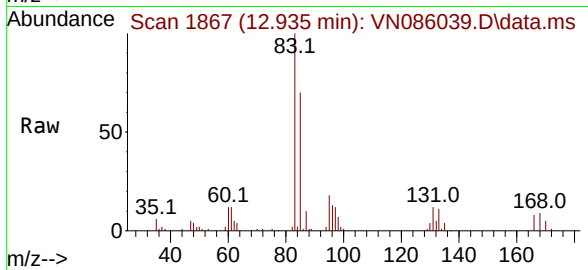
Tgt Ion: 43 Resp: 55862
Ion Ratio Lower Upper
43 100
70 54.1 43.0 64.4
55 31.8 23.8 35.8
61 29.7 23.4 35.0





#75
1,1,2,2-Tetrachloroethane
Concen: 21.051 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

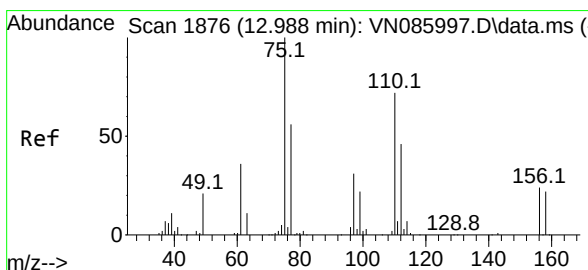
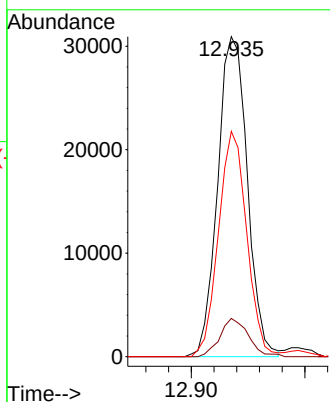
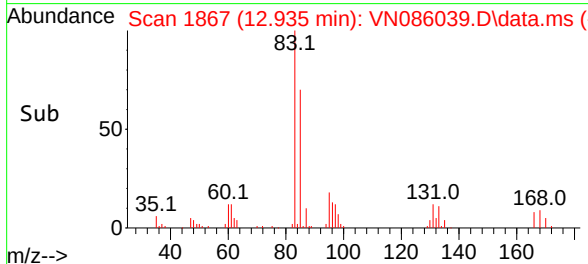
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion: 83 Resp: 56119
Ion Ratio Lower Upper
83 100
131 11.5 5.5 16.5
85 67.0 32.6 97.8

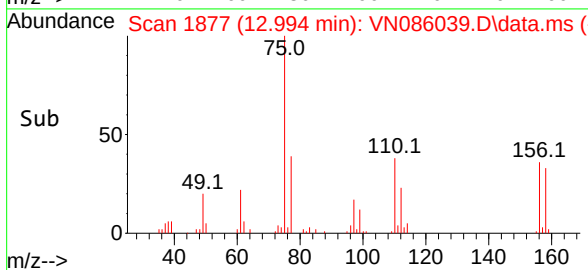
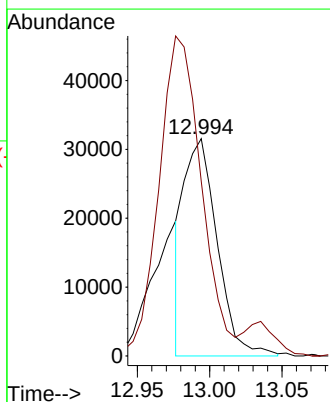
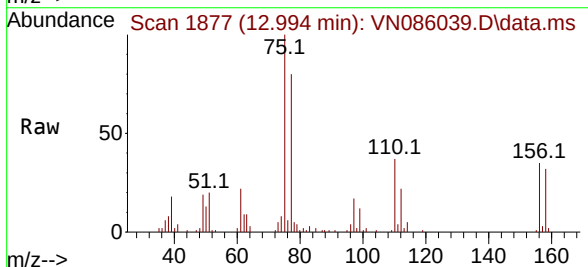
Manual Integrations
APPROVED

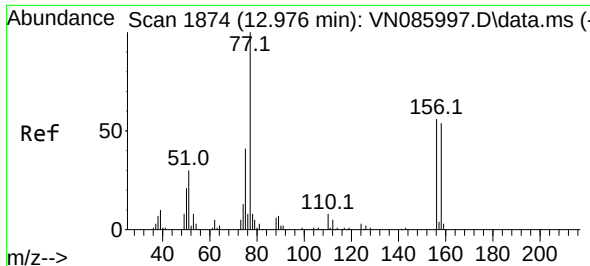
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#76
1,2,3-Trichloropropane
Concen: 19.489 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

Tgt Ion: 75 Resp: 50345
Ion Ratio Lower Upper
75 100
77 187.7 83.7 251.0





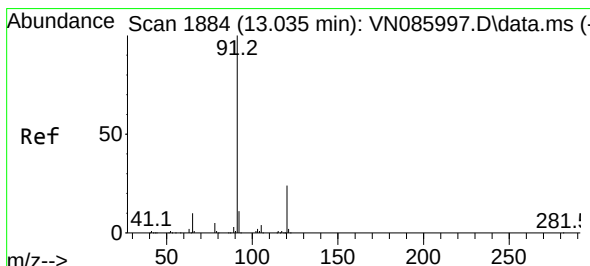
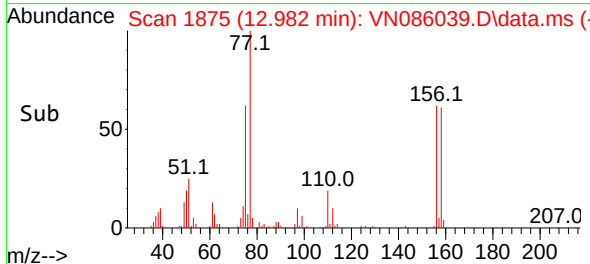
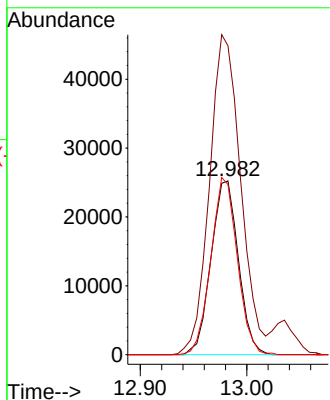
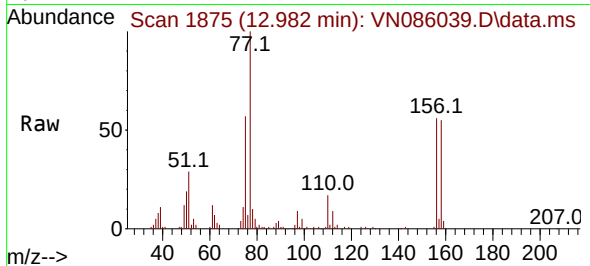
#77
Bromobenzene
Concen: 20.456 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion:156 Resp: 44940
Ion Ratio Lower Upper
156 100
77 210.2 104.1 312.3
158 98.9 49.0 147.0

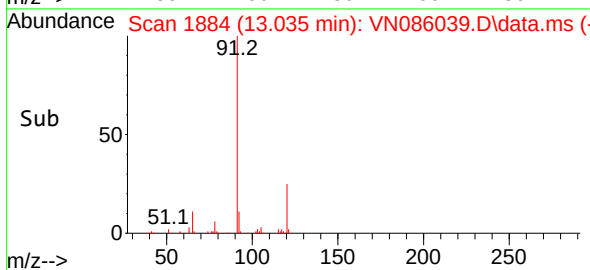
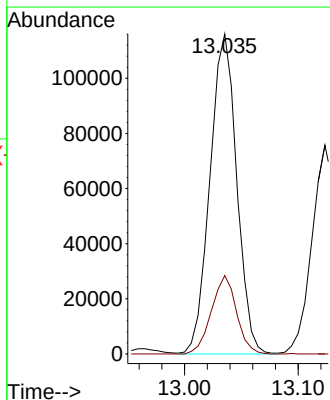
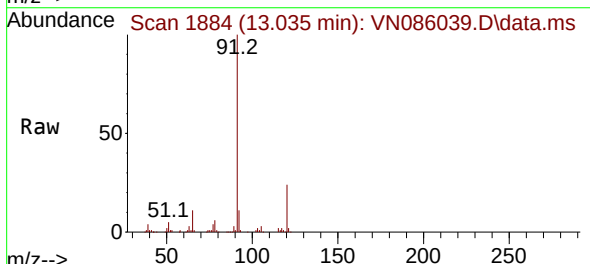
Manual Integrations
APPROVED

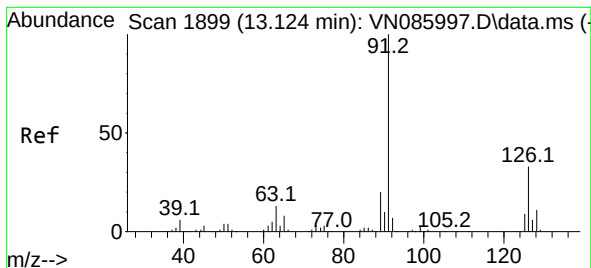
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#78
n-propylbenzene
Concen: 21.330 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

Tgt Ion: 91 Resp: 190318
Ion Ratio Lower Upper
91 100
120 22.9 11.7 35.0





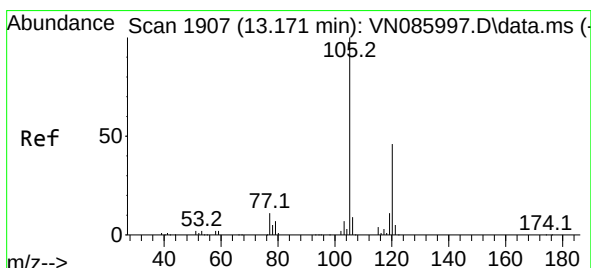
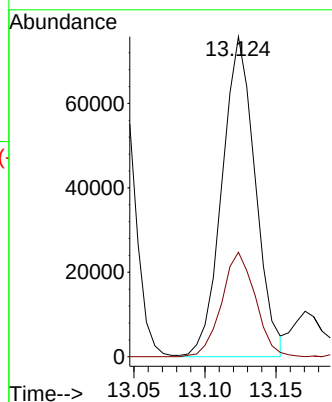
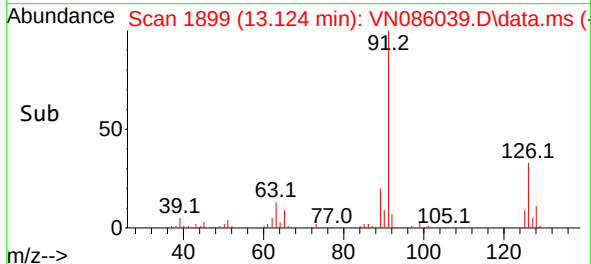
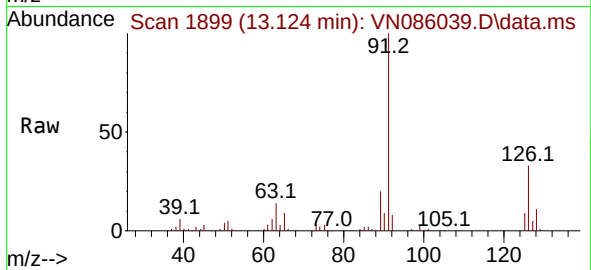
#79
2-Chlorotoluene
Concen: 20.838 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion: 91 Resp: 123495
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.2

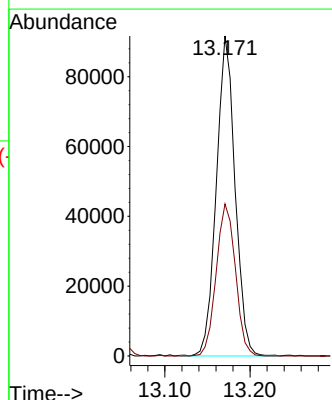
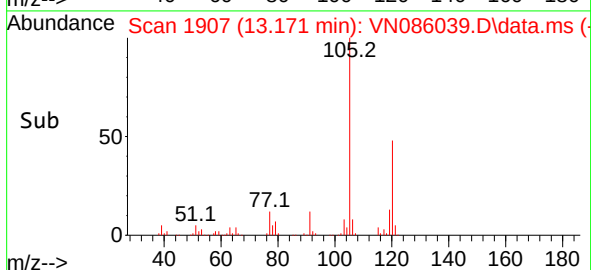
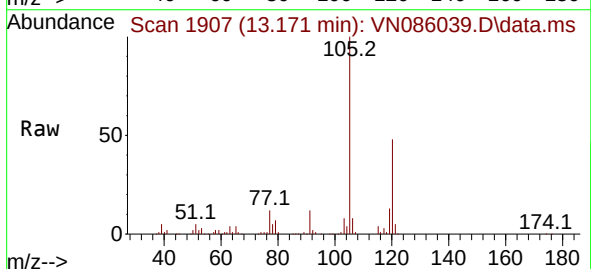
Manual Integrations
APPROVED

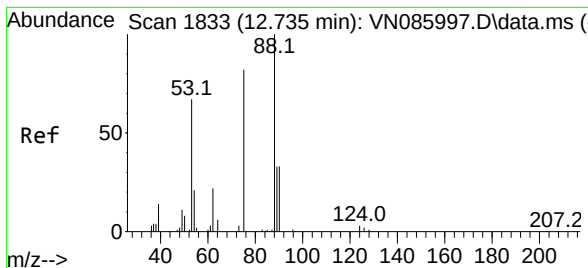
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#80
1,3,5-Trimethylbenzene
Concen: 21.035 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

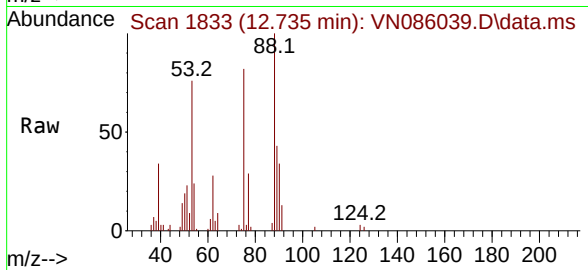
Tgt Ion:105 Resp: 139940
Ion Ratio Lower Upper
105 100
120 48.7 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 19.691 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

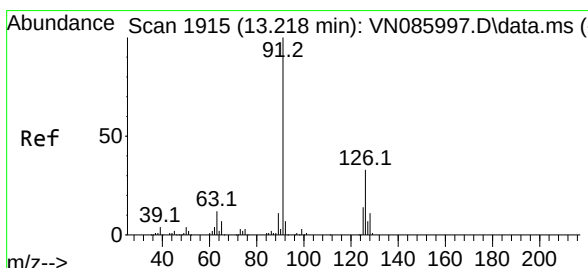
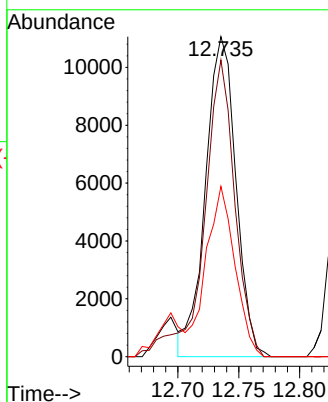
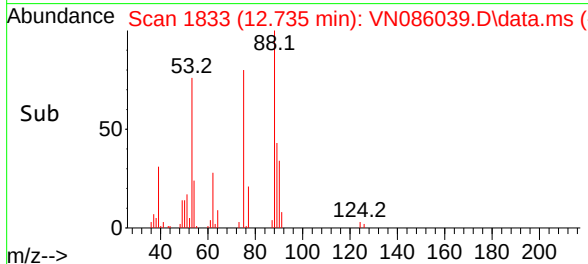
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion: 75 Resp: 19240
Ion Ratio Lower Upper
75 100
53 93.4 66.0 99.0
89 50.6 36.9 55.3

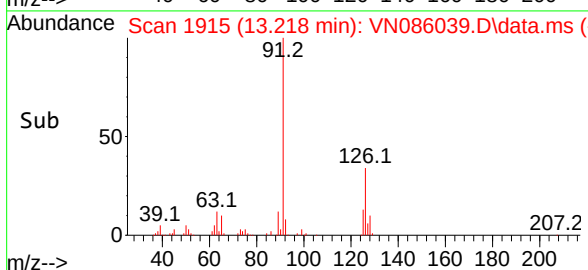
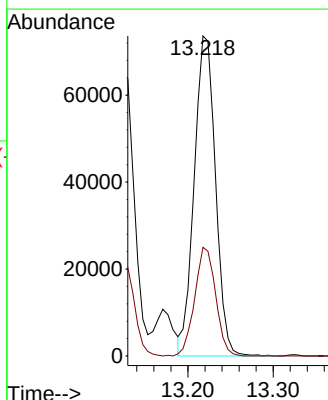
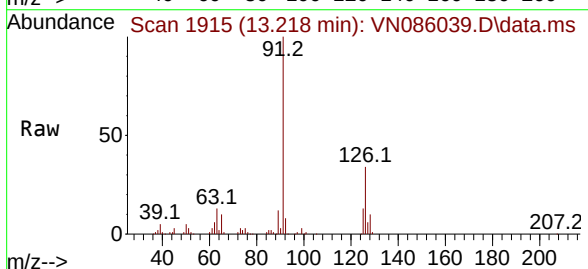
Manual Integrations
APPROVED

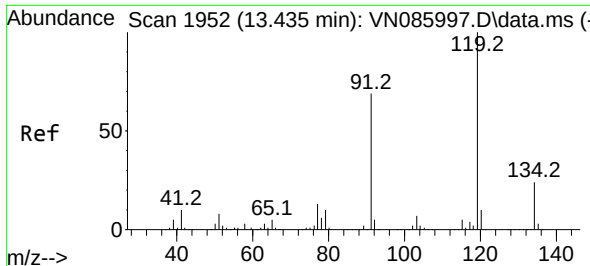
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#82
4-Chlorotoluene
Concen: 20.972 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

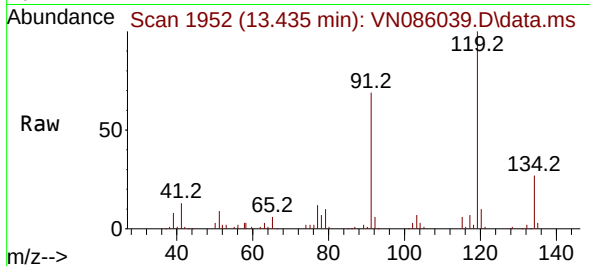
Tgt Ion: 91 Resp: 127817
Ion Ratio Lower Upper
91 100
126 33.4 16.1 48.2





#83
tert-Butylbenzene
Concen: 19.101 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

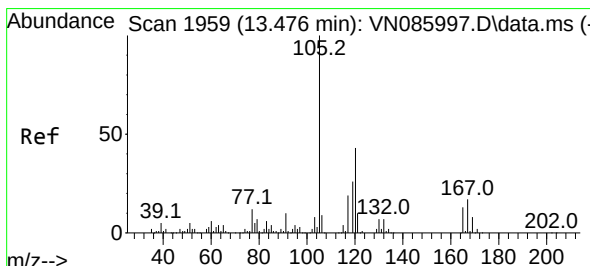
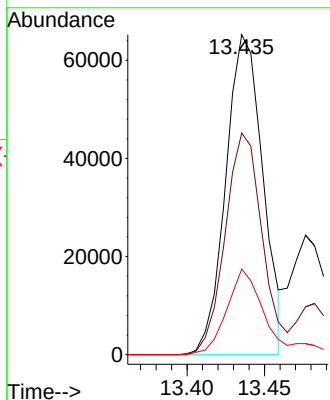
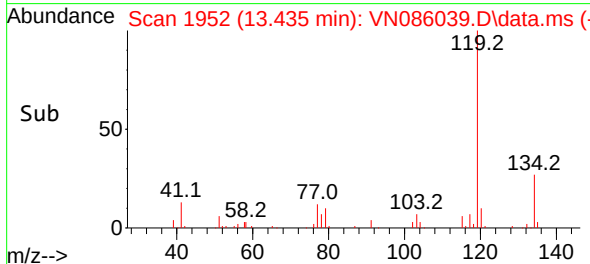
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



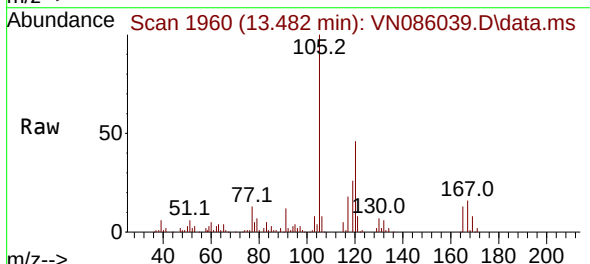
Tgt Ion:119 Resp: 108678
Ion Ratio Lower Upper
119 100
91 69.5 34.3 102.9
134 28.2 13.5 40.5

Manual Integrations
APPROVED

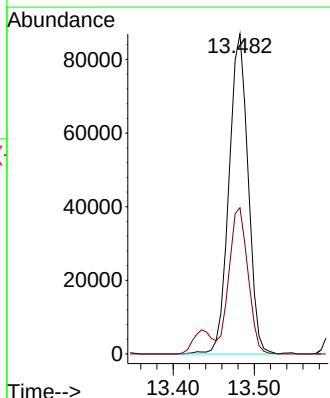
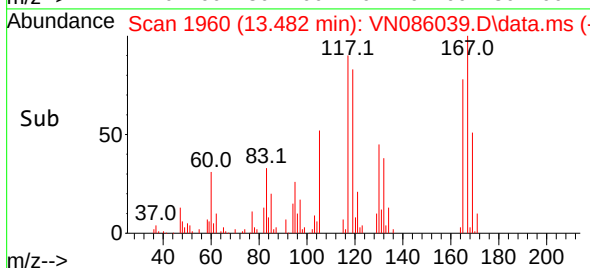
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

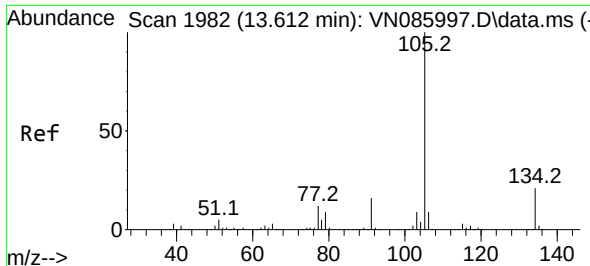


#84
1,2,4-Trimethylbenzene
Concen: 21.131 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52



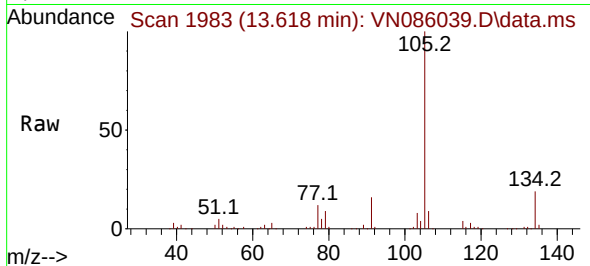
Tgt Ion:105 Resp: 141791
Ion Ratio Lower Upper
105 100
120 45.3 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 20.964 ug/l
 RT: 13.618 min Scan# 1982
 Delta R.T. 0.006 min
 Lab File: VN086039.D
 Acq: 21 Mar 2025 14:52

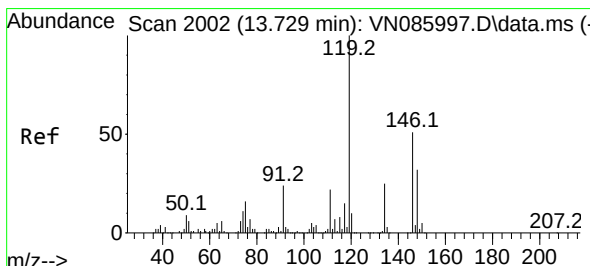
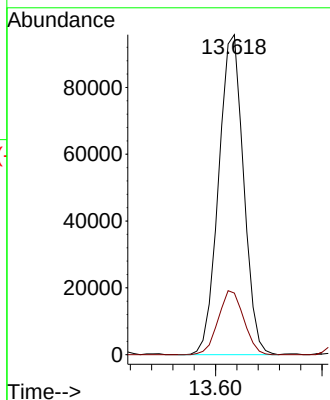
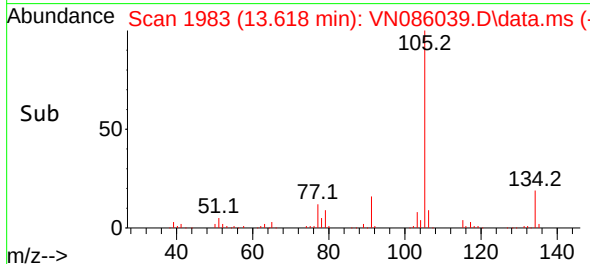
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01



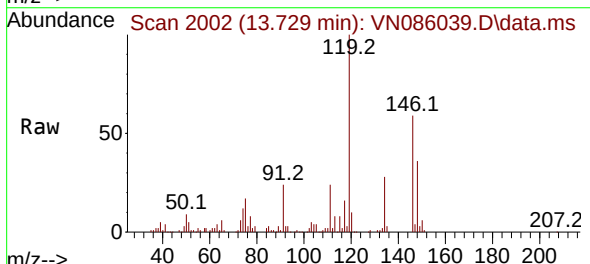
Tgt Ion:105 Resp: 155610
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1

Manual Integrations
 APPROVED

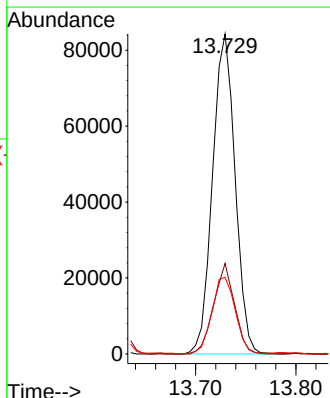
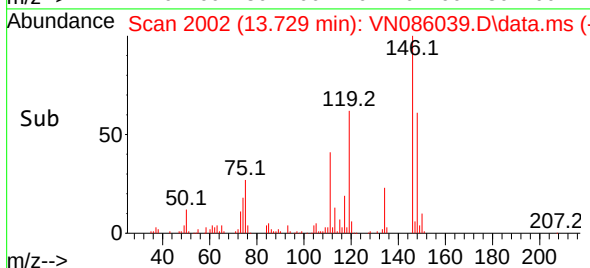
Reviewed By :John Carlone 03/24/2025
 Supervised By :Semsettin Yesilyurt 03/24/2025

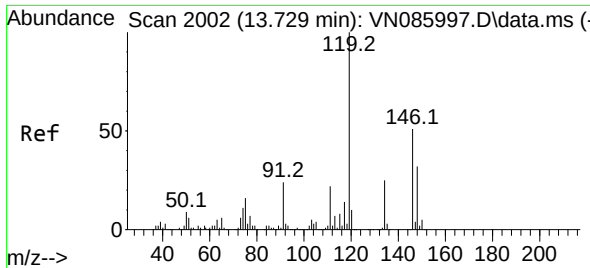


#86
 p-Isopropyltoluene
 Concen: 20.938 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086039.D
 Acq: 21 Mar 2025 14:52



Tgt Ion:119 Resp: 131559
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.6 37.8
 91 25.0 12.3 36.8





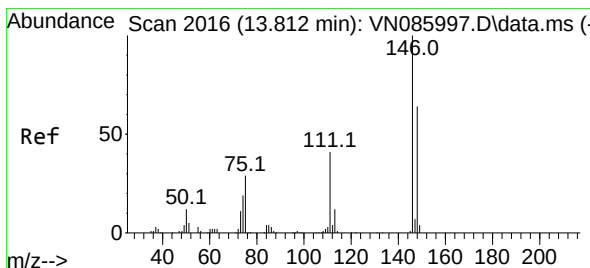
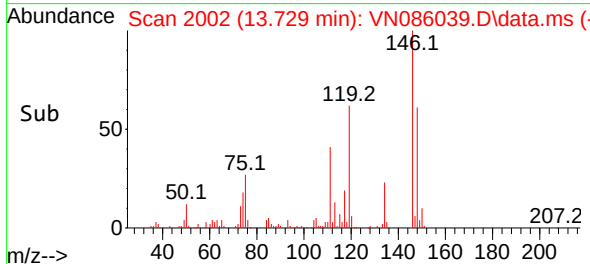
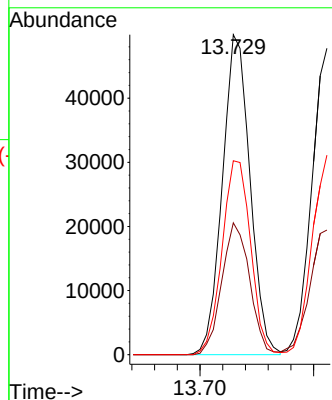
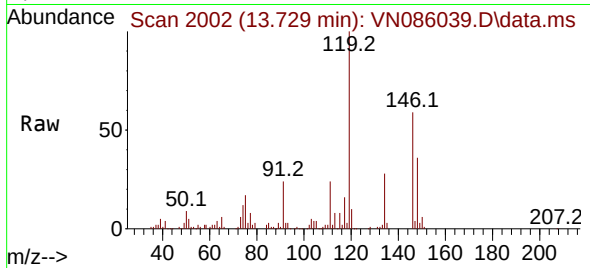
#87
1,3-Dichlorobenzene
Concen: 21.268 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion:146 Resp: 8423
Ion Ratio Lower Upper
146 100
111 41.6 21.2 63.6
148 62.7 31.8 95.4

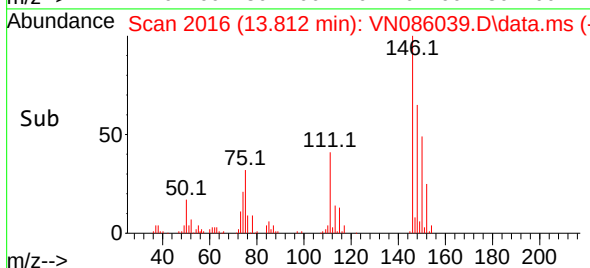
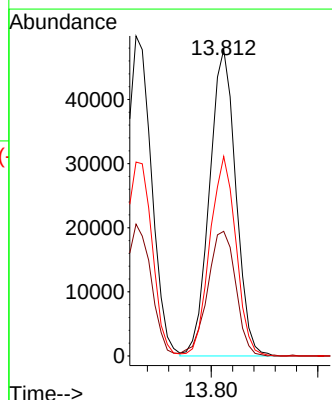
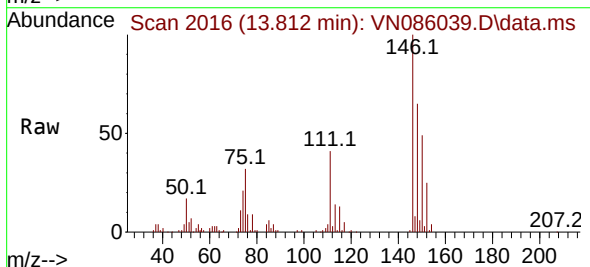
Manual Integrations
APPROVED

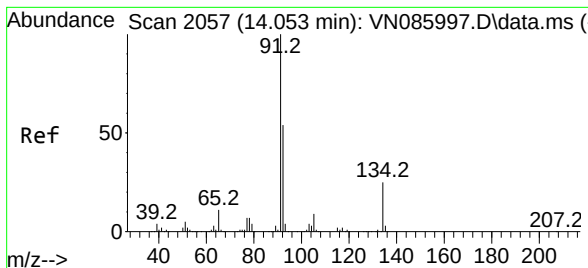
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#88
1,4-Dichlorobenzene
Concen: 19.707 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

Tgt Ion:146 Resp: 82001
Ion Ratio Lower Upper
146 100
111 43.5 20.4 61.3
148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 19.862 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086039.D

Acq: 21 Mar 2025 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

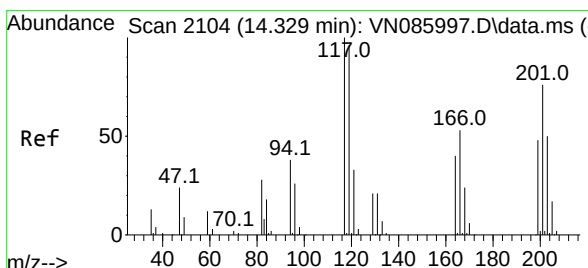
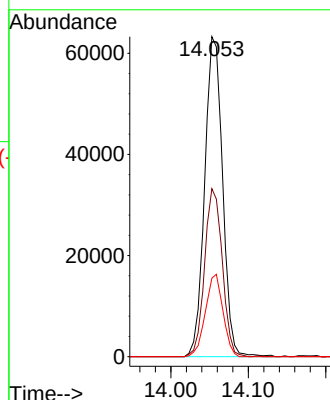
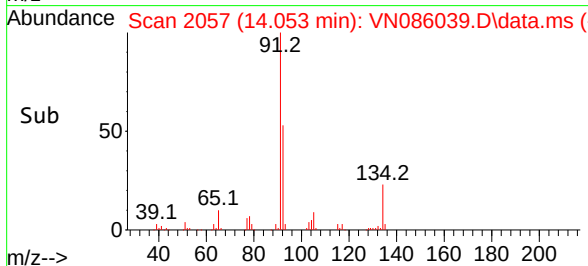
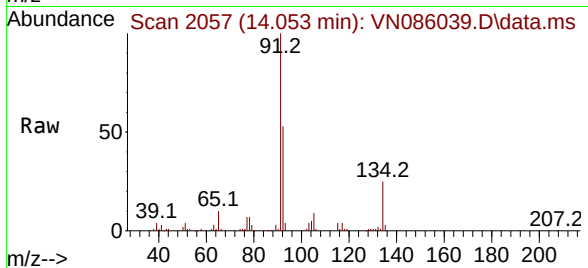
Tgt Ion:	91	Resp:	10162
Ion Ratio	Lower	Upper	
91	100		
92	51.7	26.9	80.6
134	25.2	13.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/24/2025

Supervised By :Semsettin Yesilyurt 03/24/2025



#90

Hexachloroethane

Concen: 19.863 ug/l

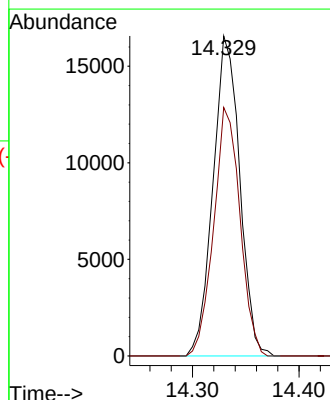
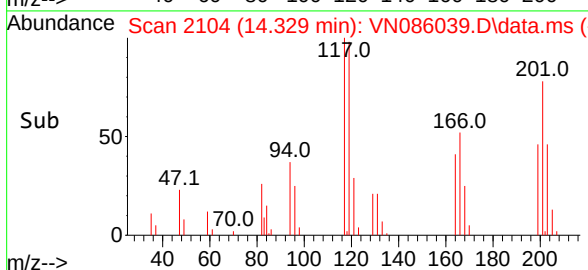
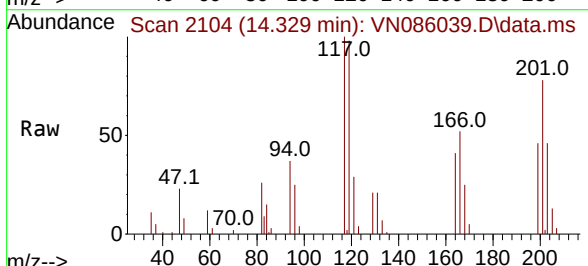
RT: 14.329 min Scan# 2104

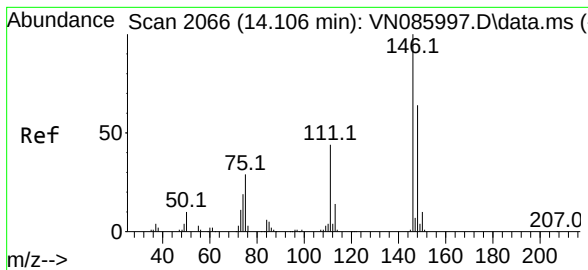
Delta R.T. -0.000 min

Lab File: VN086039.D

Acq: 21 Mar 2025 14:52

Tgt Ion:	117	Resp:	28798
Ion Ratio	Lower	Upper	
117	100		
201	76.5	39.1	117.3





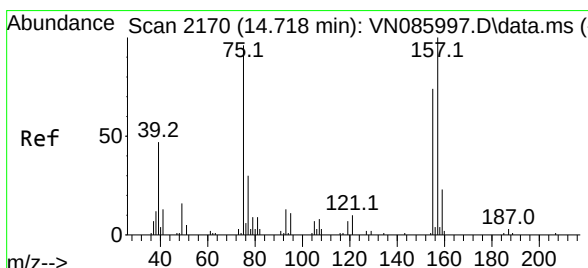
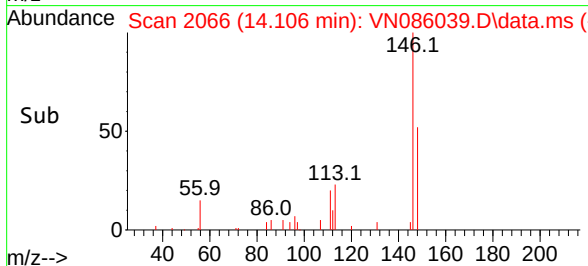
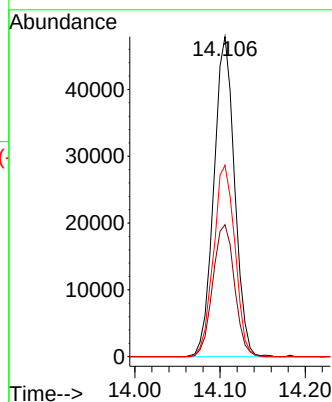
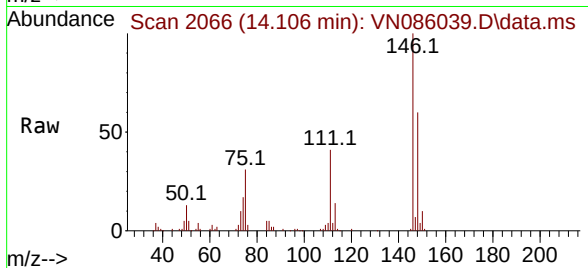
#91
1,2-Dichlorobenzene
Concen: 20.536 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion:146 Resp: 8085
Ion Ratio Lower Upper
146 100
111 43.3 22.3 66.8
148 62.0 32.1 96.5

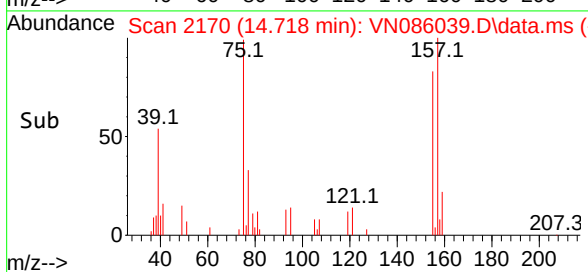
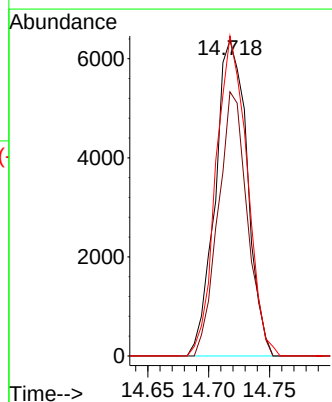
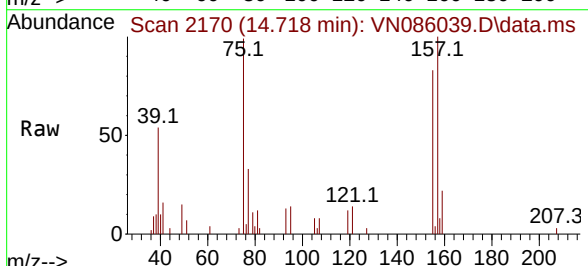
Manual Integrations
APPROVED

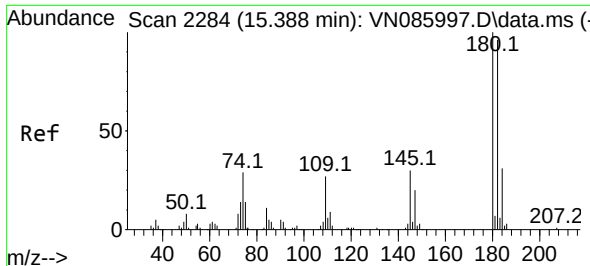
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.917 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

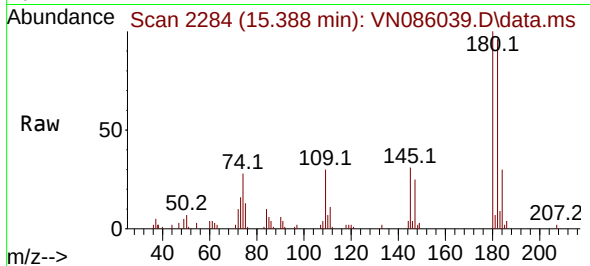
Tgt Ion: 75 Resp: 11663
Ion Ratio Lower Upper
75 100
155 76.1 41.0 123.0
157 98.4 53.7 161.1





#93
1,2,4-Trichlorobenzene
Concen: 17.551 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

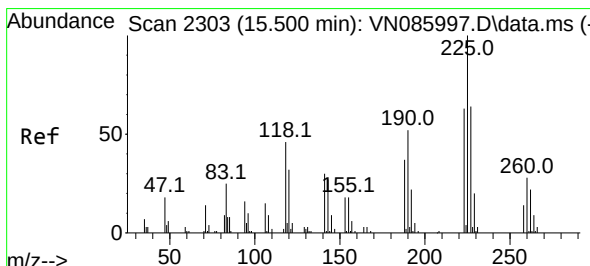
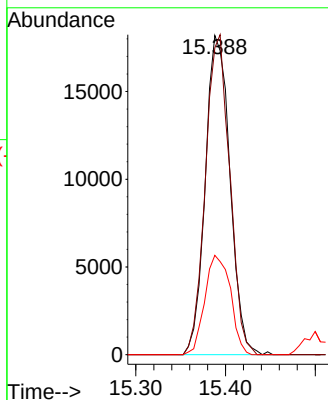
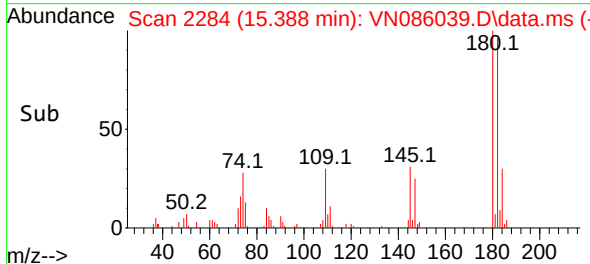
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion:180 Resp: 3474
Ion Ratio Lower Upper
180 100
182 98.6 47.0 141.0
145 32.3 15.5 46.5

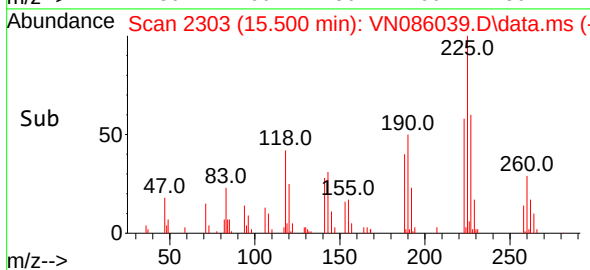
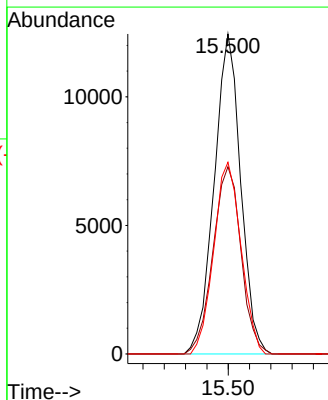
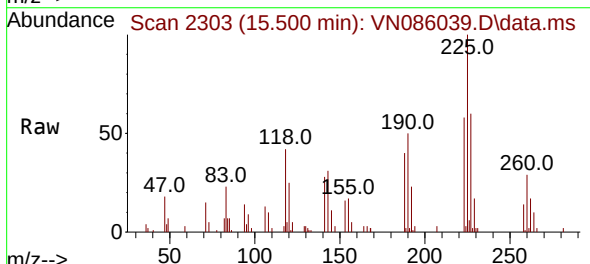
Manual Integrations
APPROVED

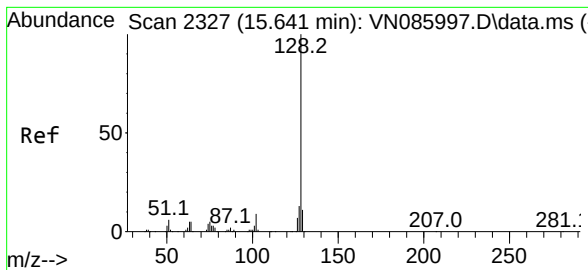
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#94
Hexachlorobutadiene
Concen: 18.707 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

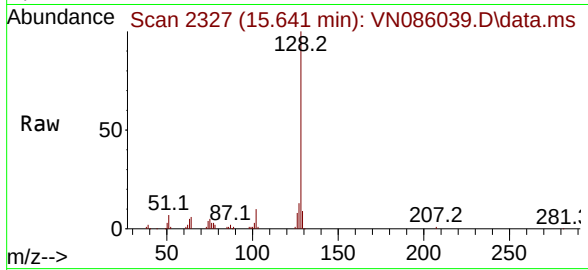
Tgt Ion:225 Resp: 21485
Ion Ratio Lower Upper
225 100
223 61.8 31.3 93.9
227 61.6 32.1 96.3





#95
Naphthalene
Concen: 17.388 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

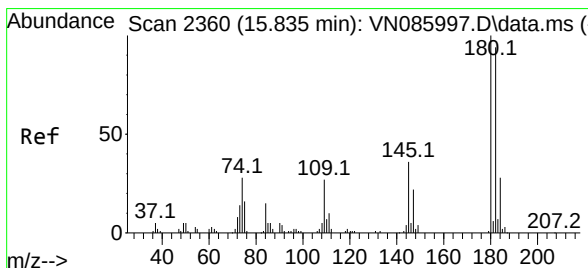
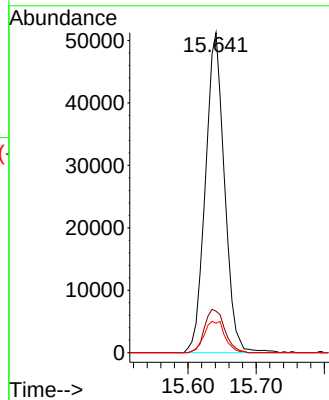
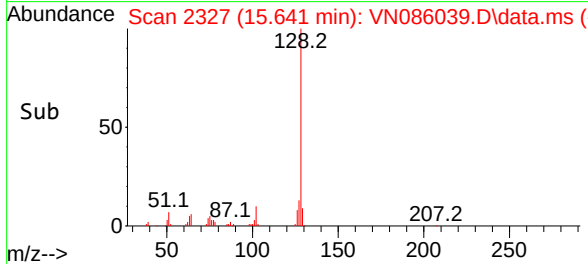
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion:128 Resp: 9967
Ion Ratio Lower Upper
128 100
127 14.3 10.2 15.4
129 10.8 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: 18.559 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086039.D
Acq: 21 Mar 2025 14:52

Tgt Ion:180 Resp: 34861
Ion Ratio Lower Upper
180 100
182 99.2 47.5 142.5
145 34.3 17.7 53.1

