

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043025\
 Data File : VN086428.D
 Acq On : 30 Apr 2025 11:39
 Operator : JC\MD
 Sample : VN0430WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2025
 Supervised By : Semsettin Yesilyurt 05/05/2025

Quant Time: May 01 01:33:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	217748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	401997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	363280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	169359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160112	50.708	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.420%			
35) Dibromofluoromethane	8.165	113	97617	52.321	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.640%			
50) Toluene-d8	10.565	98	506209	50.767	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.540%			
62) 4-Bromofluorobenzene	12.847	95	185216	50.926	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	47703	18.481	ug/l	96
3) Chloromethane	2.359	50	65712	17.516	ug/l	98
4) Vinyl Chloride	2.512	62	65182	18.208	ug/l	99
5) Bromomethane	2.954	94	35570	22.089	ug/l	97
6) Chloroethane	3.118	64	44224	18.458	ug/l	98
7) Trichlorofluoromethane	3.501	101	75126	18.945	ug/l	99
8) Diethyl Ether	3.959	74	30080	17.376	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	45044	18.777	ug/l	97
10) Methyl Iodide	4.589	142	59173	22.437	ug/l	98
11) Tert butyl alcohol	5.518	59	53587	93.014	ug/l	100
12) 1,1-Dichloroethene	4.336	96	46446	18.123	ug/l	98
13) Acrolein	4.183	56	20258	64.195	ug/l	99
14) Allyl chloride	5.030	41	70813	15.543	ug/l	94
15) Acrylonitrile	5.718	53	130410	91.568	ug/l	100
16) Acetone	4.424	43	105286	92.855	ug/l	100
17) Carbon Disulfide	4.712	76	127754	16.648	ug/l	96
18) Methyl Acetate	5.030	43	58133	15.338	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	171873	18.244	ug/l	99
20) Methylene Chloride	5.271	84	53413	18.298	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	49748	18.567	ug/l	95
22) Diisopropyl ether	6.665	45	168746	17.026	ug/l	97
23) Vinyl Acetate	6.600	43	621299	89.676	ug/l	99
24) 1,1-Dichloroethane	6.565	63	95265	18.217	ug/l	98
25) 2-Butanone	7.483	43	174056	88.560	ug/l	94
26) 2,2-Dichloropropane	7.489	77	86278	18.427	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	61755	18.570	ug/l	96
28) Bromochloromethane	7.812	49	44773	20.193	ug/l	94
29) Tetrahydrofuran	7.836	42	115710	88.041	ug/l	96
30) Chloroform	7.965	83	95850	18.659	ug/l	100
31) Cyclohexane	8.259	56	90885	17.761	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	84100	19.138	ug/l	96
36) 1,1-Dichloropropene	8.371	75	68099	18.274	ug/l	98
37) Ethyl Acetate	7.559	43	71749	18.288	ug/l	99
38) Carbon Tetrachloride	8.359	117	70304	19.811	ug/l	99
39) Methylcyclohexane	9.594	83	82015	18.516	ug/l	97
40) Benzene	8.600	78	226043	18.932	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	40641	17.874	ug/l	98
42) 1,2-Dichloroethane	8.671	62	74454	19.555	ug/l	99
43) Isopropyl Acetate	8.688	43	134649	17.661	ug/l	98
44) Trichloroethene	9.347	130	55093	19.468	ug/l	90
45) 1,2-Dichloropropane	9.618	63	54265	18.567	ug/l	99
46) Dibromomethane	9.706	93	37215	19.985	ug/l	97
47) Bromodichloromethane	9.882	83	77692	19.318	ug/l	95
48) Methyl methacrylate	9.677	41	59815	17.362	ug/l	96
49) 1,4-Dioxane	9.688	88	23582	402.402	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	373077	92.865	ug/l	98
52) Toluene	10.629	92	144080	19.340	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	84082	18.729	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	90917	18.438	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	52698	19.661	ug/l	96
56) Ethyl methacrylate	10.871	69	89029	18.070	ug/l	97
57) 1,3-Dichloropropane	11.159	76	90319	18.992	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	207943	88.921	ug/l	97
59) 2-Hexanone	11.194	43	274166	92.007	ug/l	99
60) Dibromochloromethane	11.359	129	57647	19.586	ug/l	100
61) 1,2-Dibromoethane	11.465	107	53496	19.780	ug/l	99
64) Tetrachloroethene	11.100	164	54887	19.642	ug/l	97
65) Chlorobenzene	11.888	112	154419	19.047	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	50494	18.880	ug/l	98
67) Ethyl Benzene	11.959	91	275990	18.865	ug/l	100
68) m/p-Xylenes	12.071	106	211174	38.524	ug/l	97
69) o-Xylene	12.394	106	104359	19.251	ug/l	97
70) Styrene	12.406	104	173002	19.153	ug/l	98
71) Bromoform	12.576	173	38785	19.261	ug/l #	98
73) Isopropylbenzene	12.694	105	257244	18.568	ug/l	100
74) N-amyl acetate	12.488	43	113027	16.388	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	74067	18.594	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	73976m	18.510	ug/l	
77) Bromobenzene	12.976	156	60600	19.742	ug/l	93
78) n-propylbenzene	13.035	91	300932	18.434	ug/l	99
79) 2-Chlorotoluene	13.123	91	188460	18.449	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	211192	18.625	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	33318	20.021	ug/l	88
82) 4-Chlorotoluene	13.218	91	187297	18.457	ug/l	99
83) tert-Butylbenzene	13.435	119	184505	18.779	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	215869	18.703	ug/l	100
85) sec-Butylbenzene	13.612	105	250588	18.388	ug/l	98
86) p-Isopropyltoluene	13.723	119	209125	18.617	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	110774	19.197	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	110474	19.007	ug/l	99
89) n-Butylbenzene	14.053	91	178145	17.892	ug/l	100
90) Hexachloroethane	14.329	117	34327	18.168	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	107537	19.221	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14734	18.344	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	48783	18.210	ug/l	97
94) Hexachlorobutadiene	15.500	225	18644	18.436	ug/l	97
95) Naphthalene	15.635	128	166958	17.581	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	46834	18.466	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

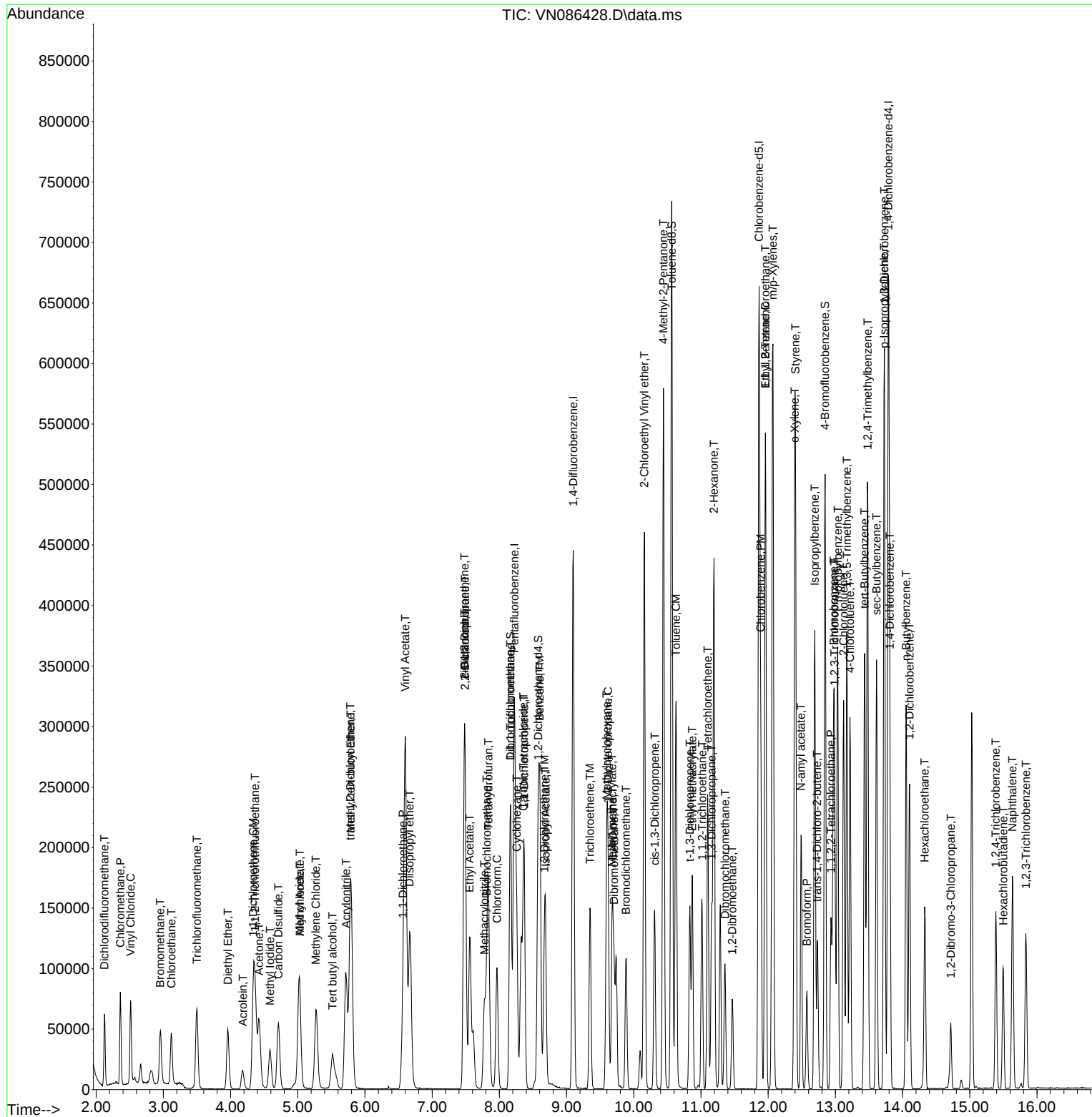
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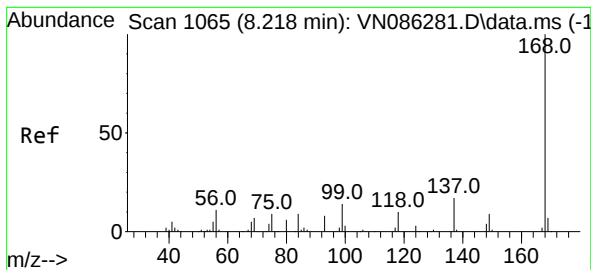
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VN086428.D

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Instrument :

MSVOA_N

ClientSampleId :

VN0430WBS01

Tgt Ion:168 Resp: 21774

Ion Ratio Lower Upper

168 100

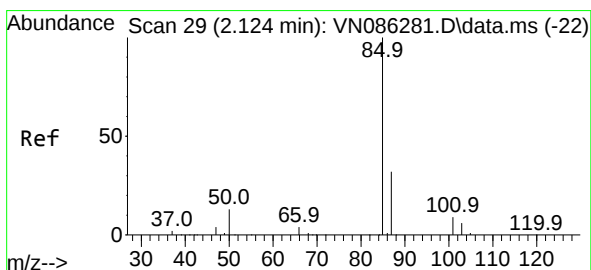
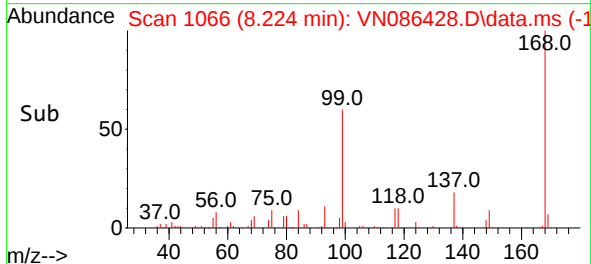
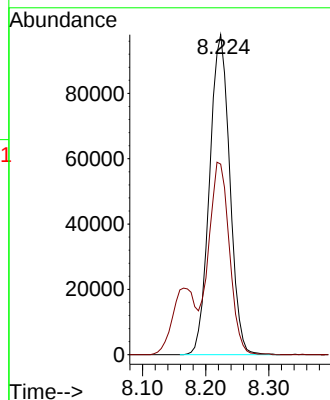
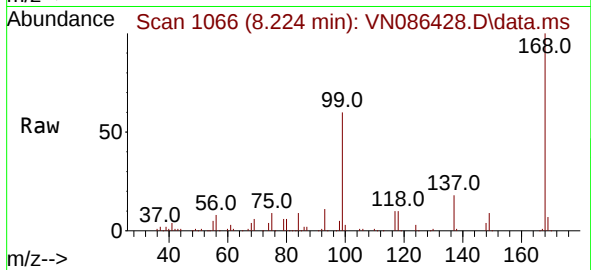
99 59.6 52.5 78.7

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 18.481 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN086428.D

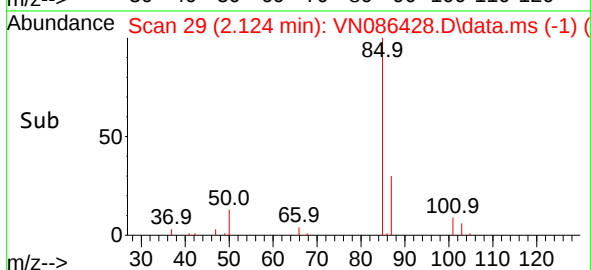
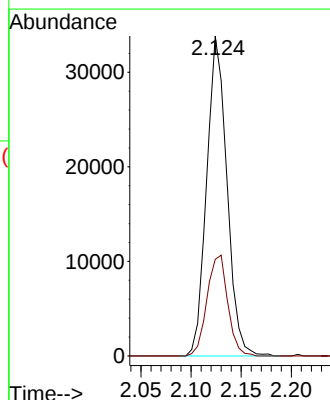
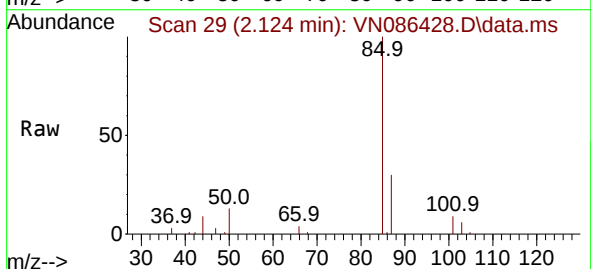
Acq: 30 Apr 2025 11:39

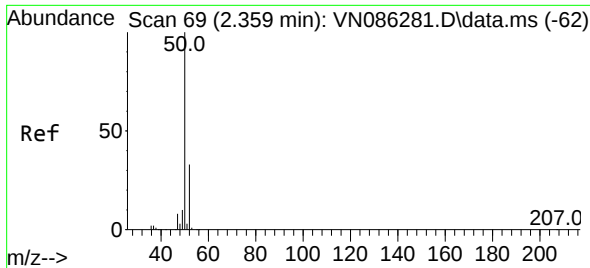
Tgt Ion: 85 Resp: 47703

Ion Ratio Lower Upper

85 100

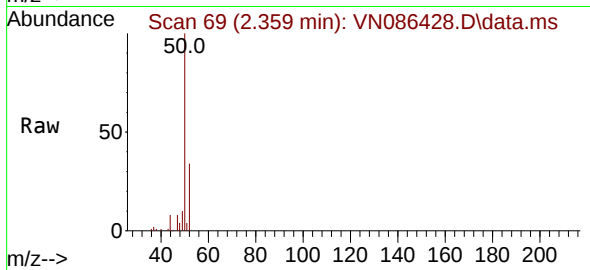
87 30.2 16.3 48.8





#3
Chloromethane
Concen: 17.516 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

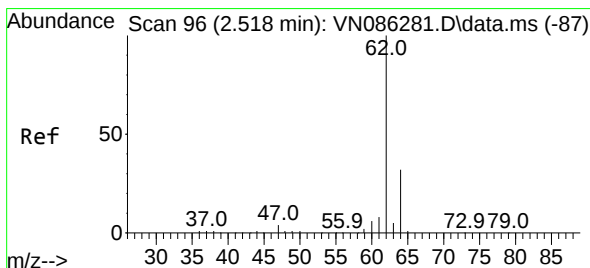
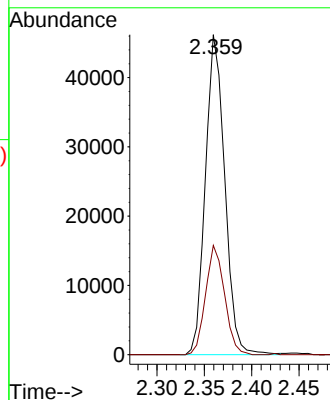
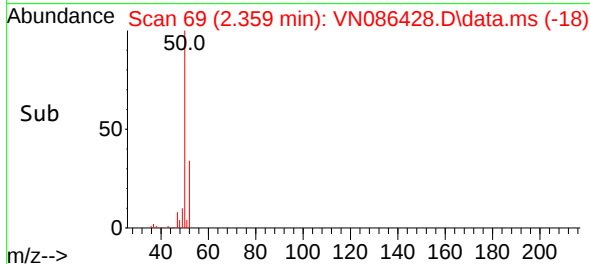
Instrument :
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Tgt Ion: 50 Resp: 65712
Ion Ratio Lower Upper
50 100
52 34.2 26.5 39.7

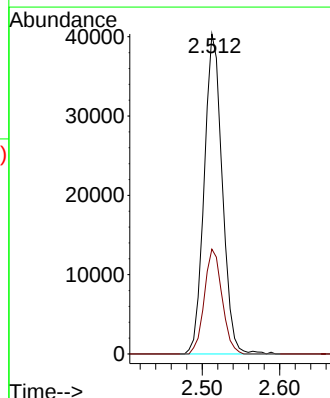
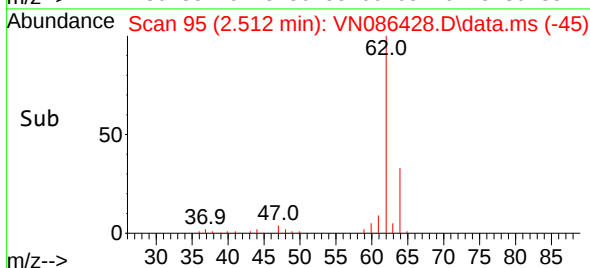
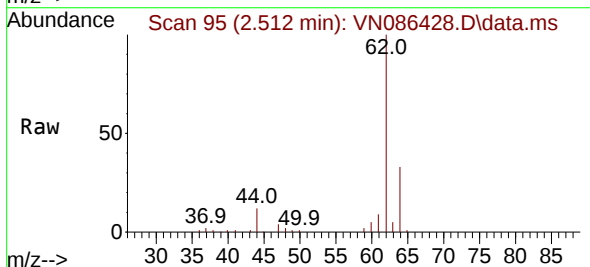
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#4
Vinyl Chloride
Concen: 18.208 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

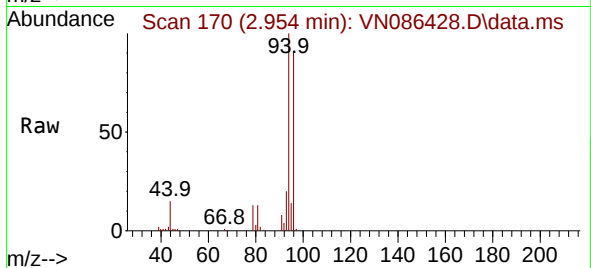
Tgt Ion: 62 Resp: 65182
Ion Ratio Lower Upper
62 100
64 32.7 25.6 38.4





#5
Bromomethane
Concen: 22.089 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

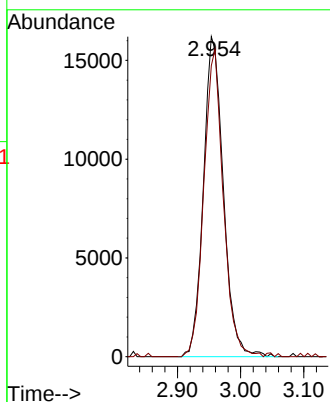
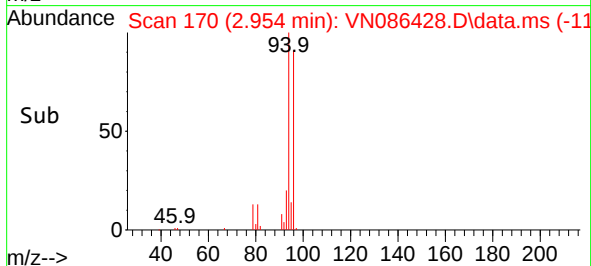
Instrument :
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Tgt Ion: 94 Resp: 35570
Ion Ratio Lower Upper
94 100
96 91.0 75.2 112.8

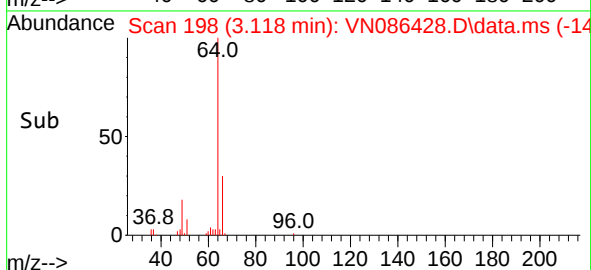
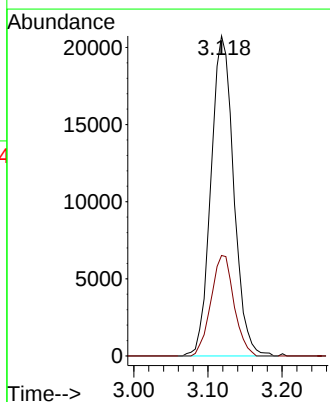
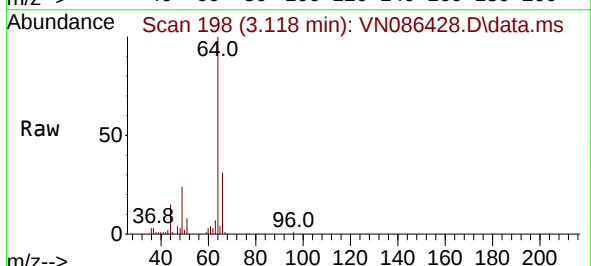
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#6
Chloroethane
Concen: 18.458 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN086428.D
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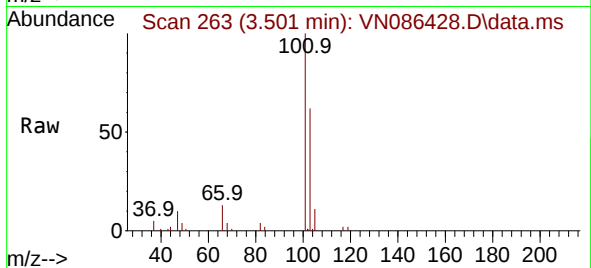
Tgt Ion: 64 Resp: 44224
Ion Ratio Lower Upper
64 100
66 31.4 26.2 39.2





#7
Trichlorofluoromethane
Concen: 18.945 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

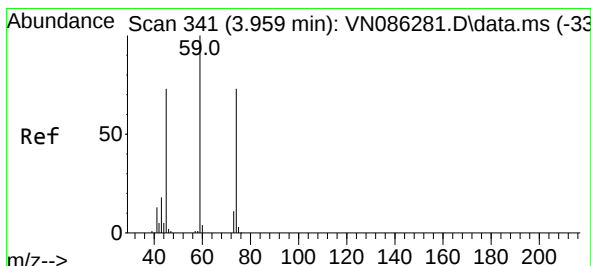
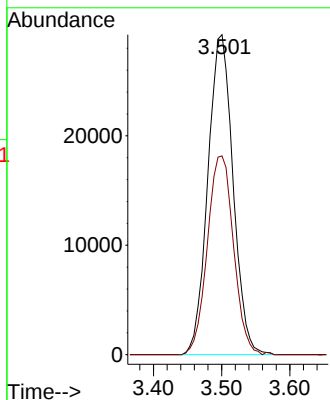
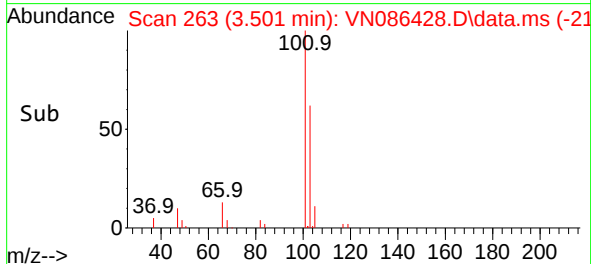
Instrument :
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VN0430WBS01



Tgt Ion:101 Resp: 75120
Ion Ratio Lower Upper
101 100
103 62.1 49.2 73.8

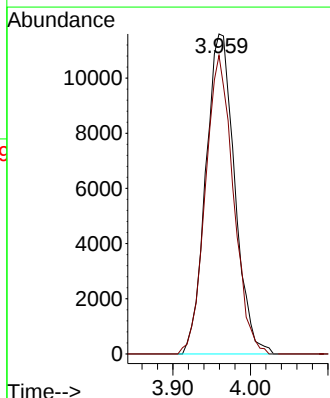
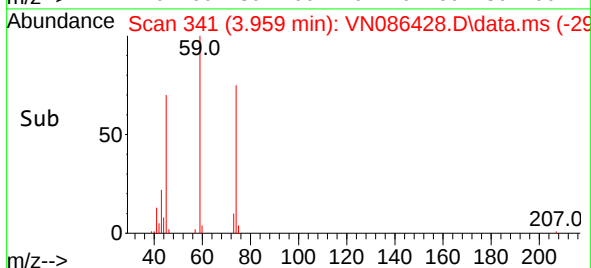
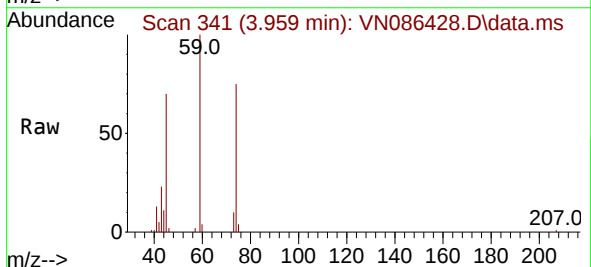
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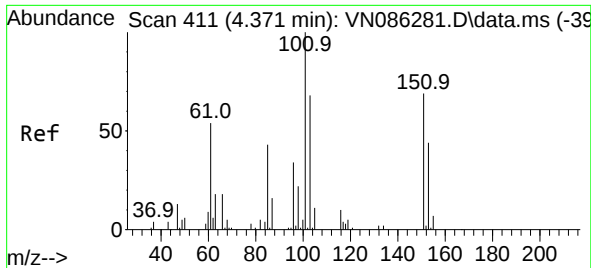
Reviewed By :John Carlone 05/02/2025
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#8
Diethyl Ether
Concen: 17.376 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

Tgt Ion: 74 Resp: 30080
Ion Ratio Lower Upper
74 100
45 90.1 48.0 144.2





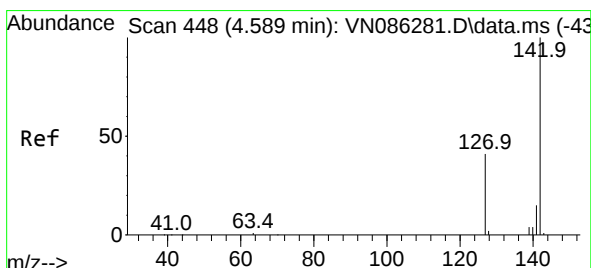
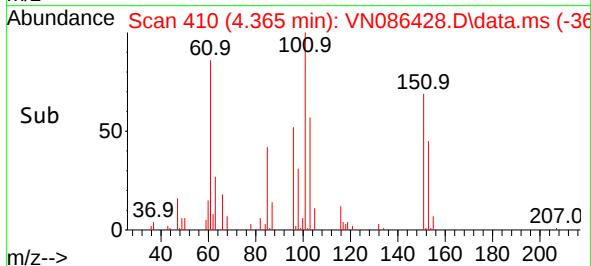
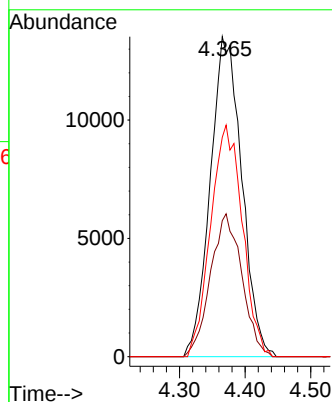
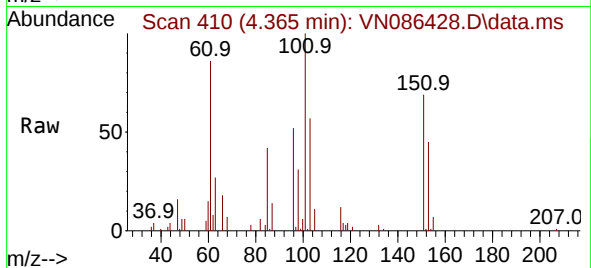
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.777 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

Tgt Ion:101 Resp: 4504
Ion Ratio Lower Upper
101 100
85 44.6 34.7 52.1
151 73.1 56.1 84.1

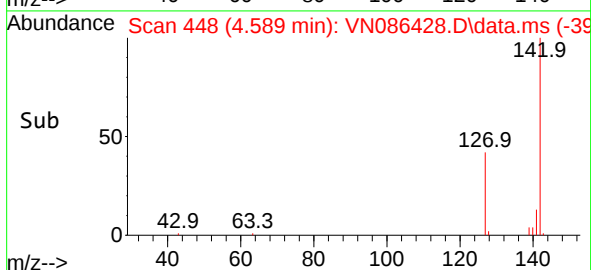
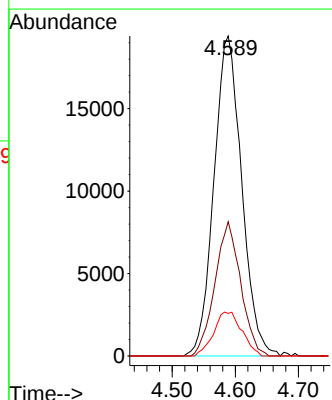
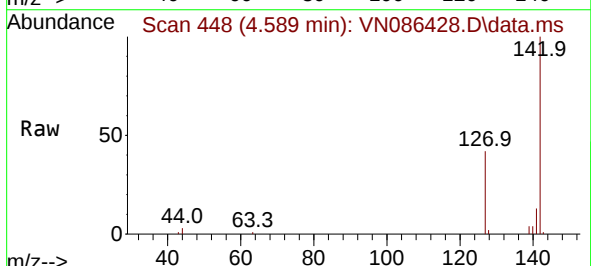
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#10
Methyl Iodide
Concen: 22.437 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

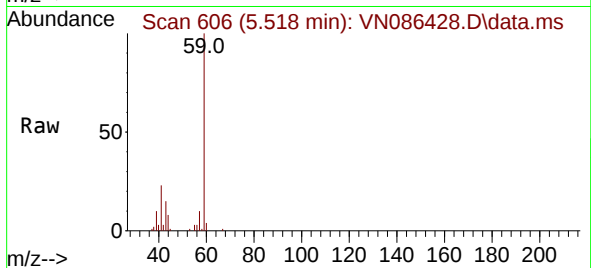
Tgt Ion:142 Resp: 59173
Ion Ratio Lower Upper
142 100
127 42.0 32.7 49.1
141 13.3 11.7 17.5





#11
Tert butyl alcohol
Concen: 93.014 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

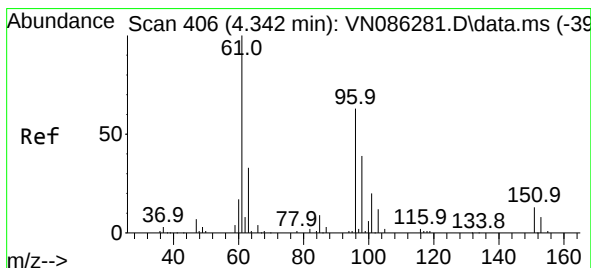
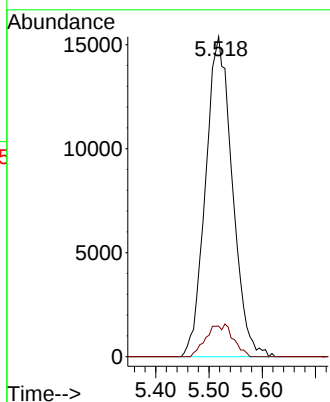
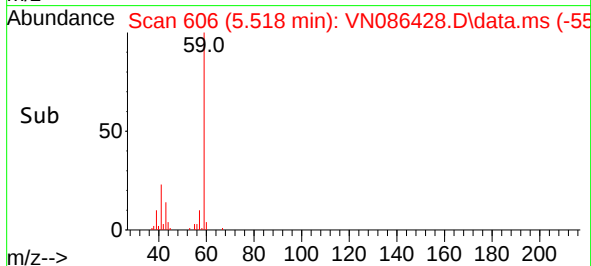
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01



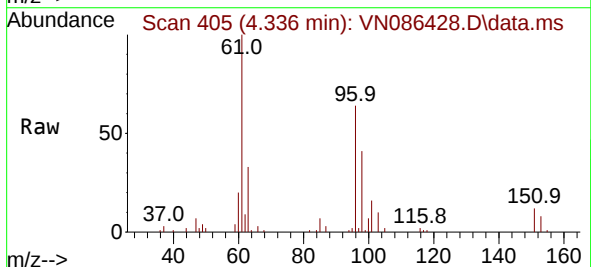
Tgt Ion: 59 Resp: 5358
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

Manual Integrations
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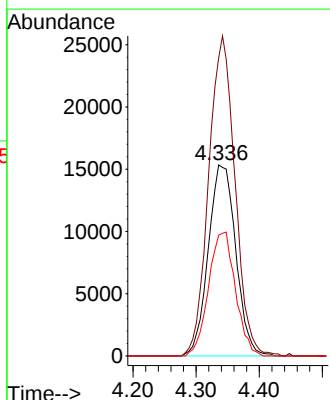
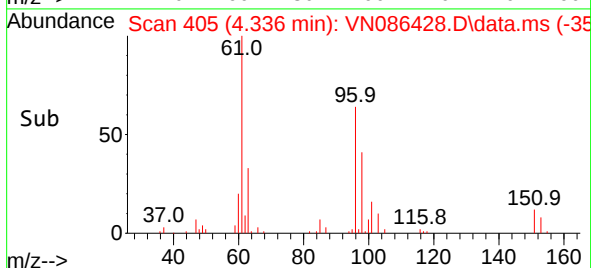
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

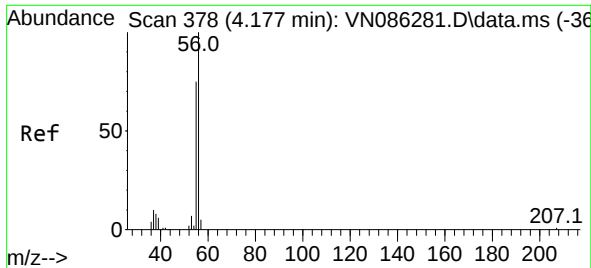


#12
1,1-Dichloroethene
Concen: 18.123 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39



Tgt Ion: 96 Resp: 46446
Ion Ratio Lower Upper
96 100
61 156.0 126.6 189.8
98 63.3 49.6 74.4





#13

Acrolein

Concen: 64.195 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN086428.D

Acq: 30 Apr 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBS01

Tgt Ion: 56 Resp: 2025

Ion Ratio Lower Upper

56 100

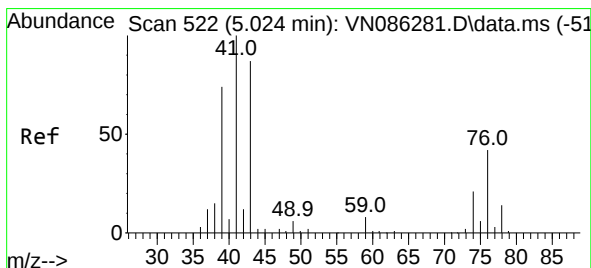
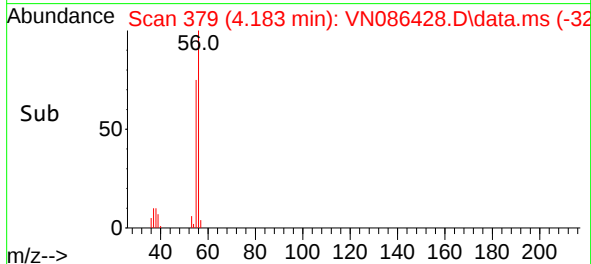
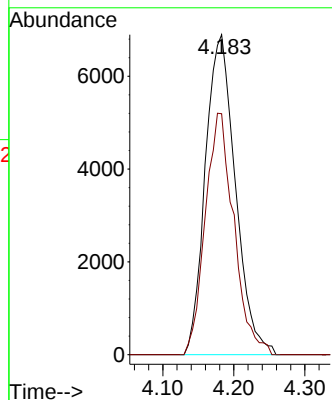
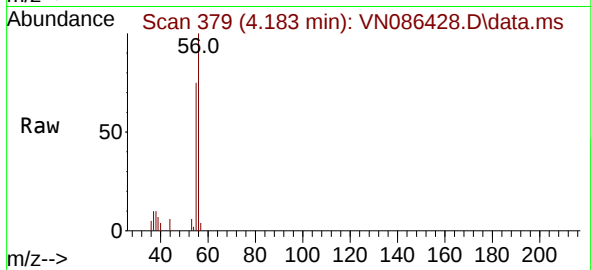
55 72.1 58.5 87.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#14

Allyl chloride

Concen: 15.543 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN086428.D

Acq: 30 Apr 2025 11:39

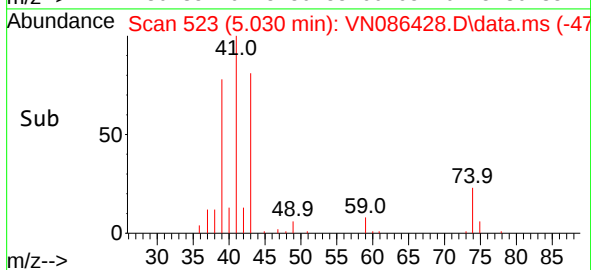
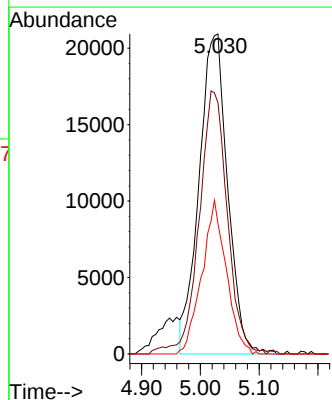
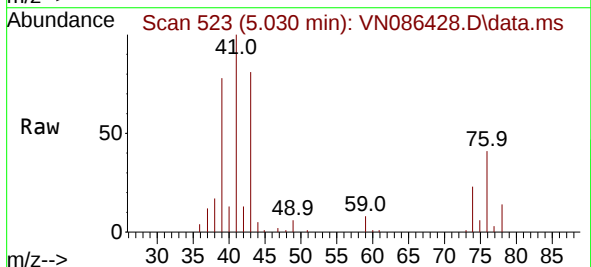
Tgt Ion: 41 Resp: 70813

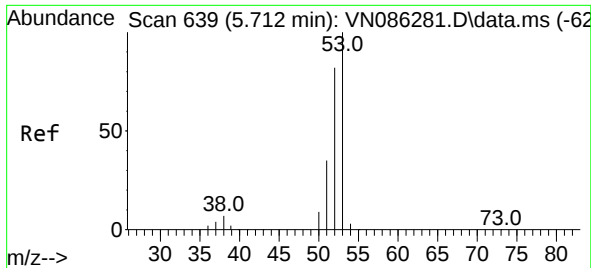
Ion Ratio Lower Upper

41 100

39 80.8 59.2 88.8

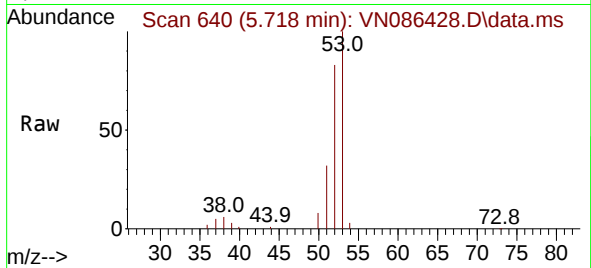
76 41.1 31.2 46.8





#15
Acrylonitrile
Concen: 91.568 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

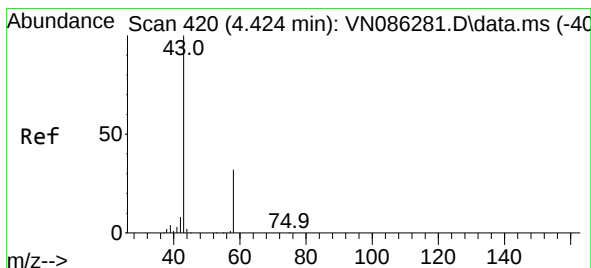
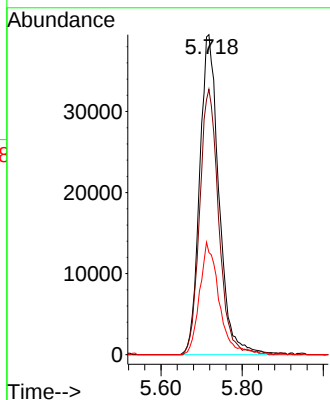
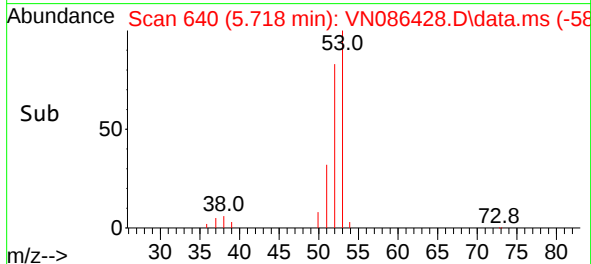
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01



Tgt Ion: 53 Resp: 130410
Ion Ratio Lower Upper
53 100
52 81.7 65.5 98.3
51 35.5 28.6 42.8

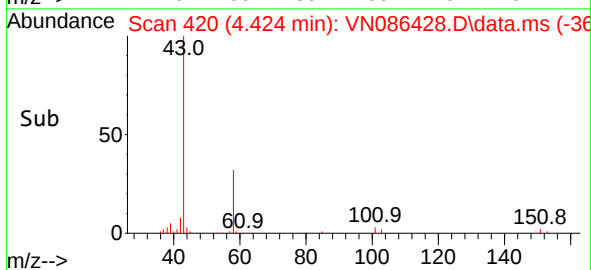
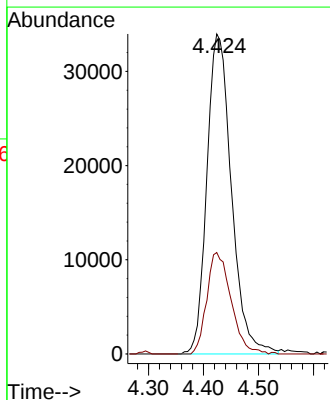
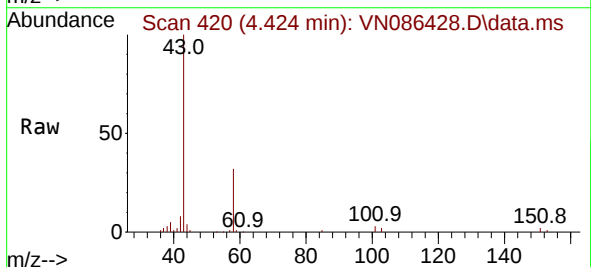
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#16
Acetone
Concen: 92.855 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

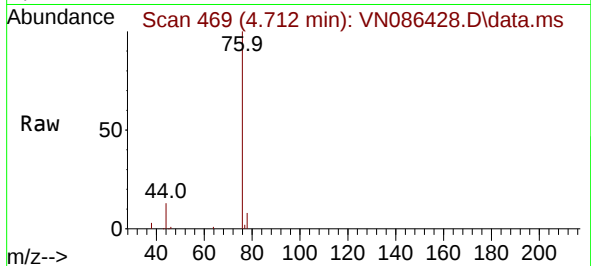
Tgt Ion: 43 Resp: 105286
Ion Ratio Lower Upper
43 100
58 31.7 25.3 37.9





#17
Carbon Disulfide
Concen: 16.648 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

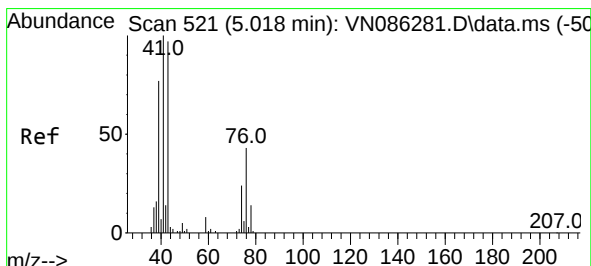
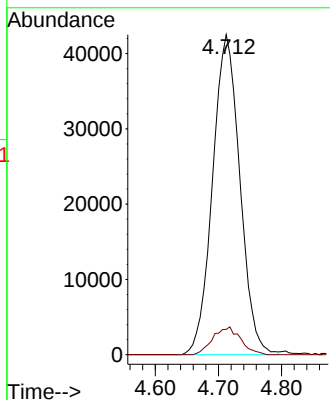
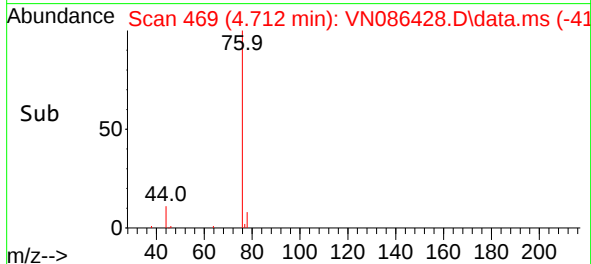
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01



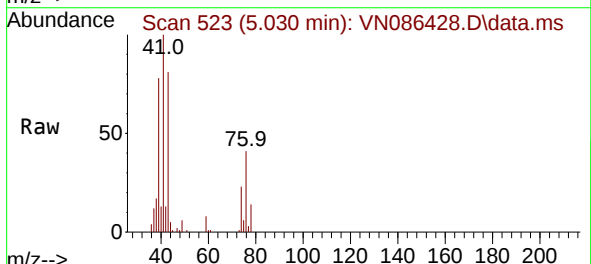
Tgt Ion: 76 Resp: 127754
Ion Ratio Lower Upper
76 100
78 7.9 7.6 11.4

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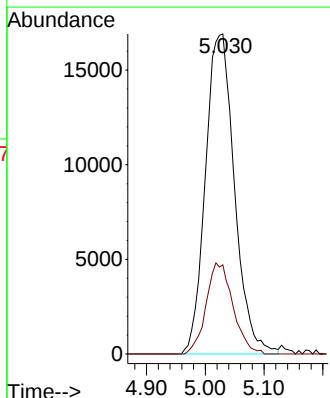
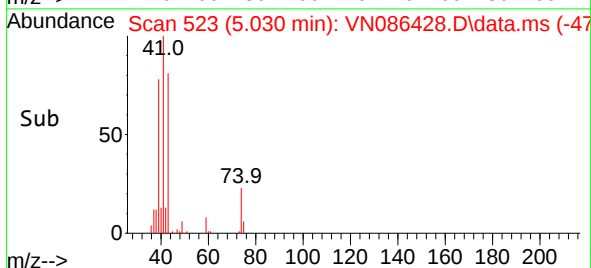
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

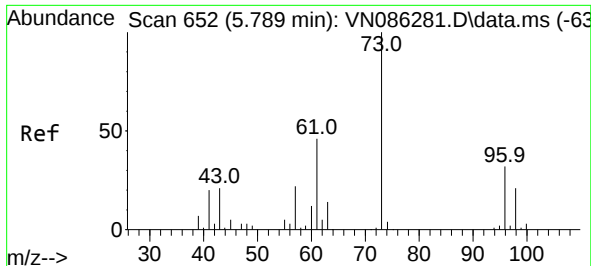


#18
Methyl Acetate
Concen: 15.338 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39



Tgt Ion: 43 Resp: 58133
Ion Ratio Lower Upper
43 100
74 26.2 19.8 29.6





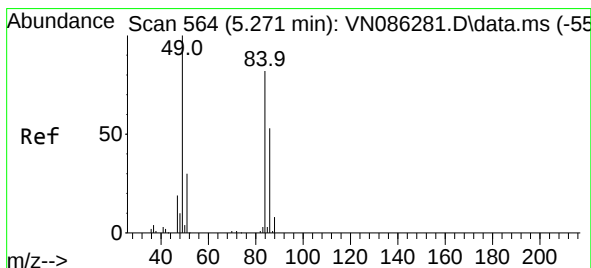
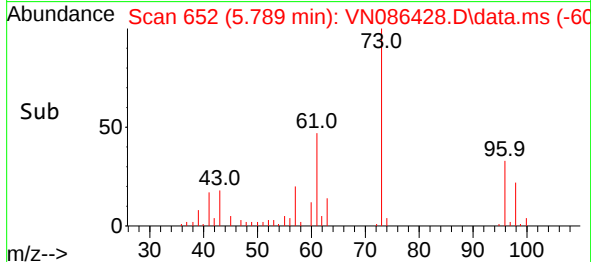
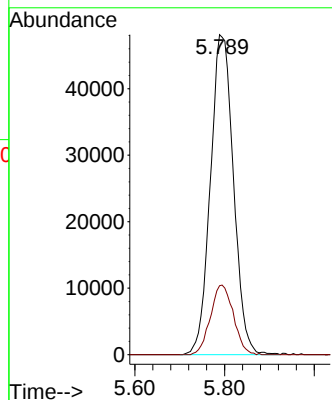
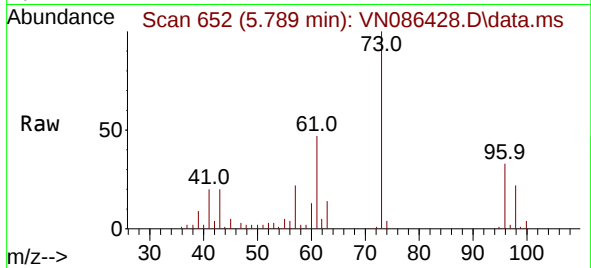
#19
Methyl tert-butyl Ether
Concen: 18.244 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

Tgt Ion: 73 Resp: 17187
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4

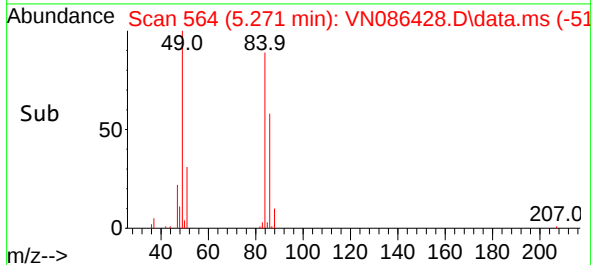
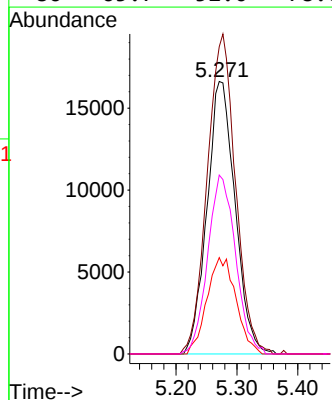
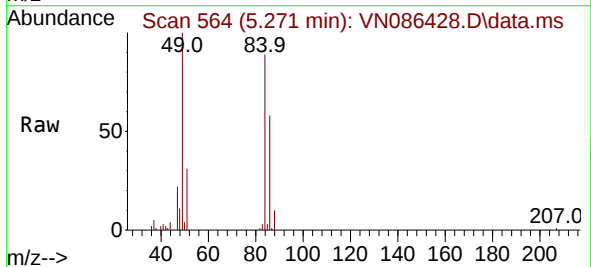
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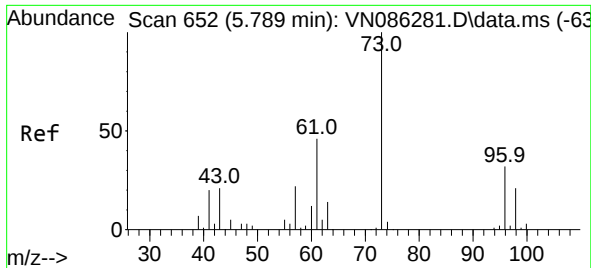
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#20
Methylene Chloride
Concen: 18.298 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

Tgt Ion: 84 Resp: 53413
Ion Ratio Lower Upper
84 100
49 112.8 98.2 147.2
51 35.4 29.8 44.6
86 65.7 52.0 78.0





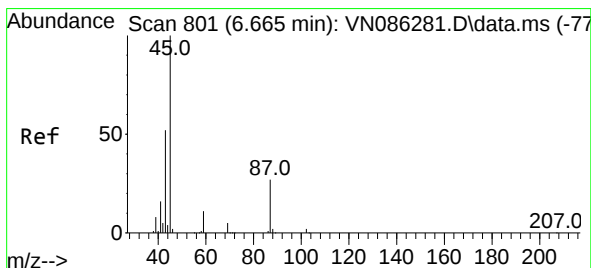
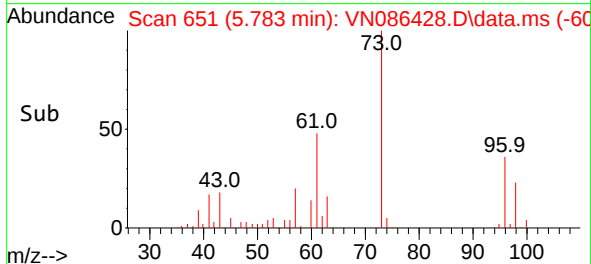
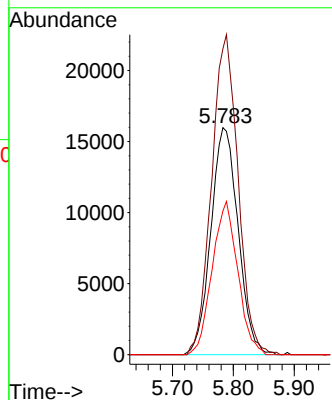
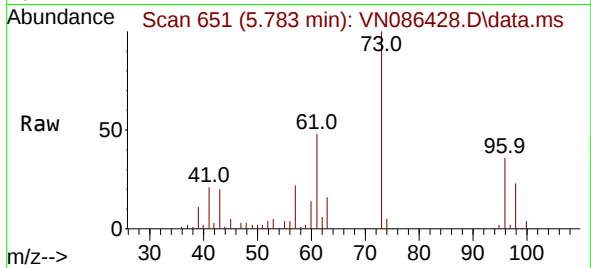
#21
trans-1,2-Dichloroethene
Concen: 18.567 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

Tgt Ion: 96 Resp: 49748
Ion Ratio Lower Upper
96 100
61 134.7 114.6 171.8
98 63.3 51.2 76.8

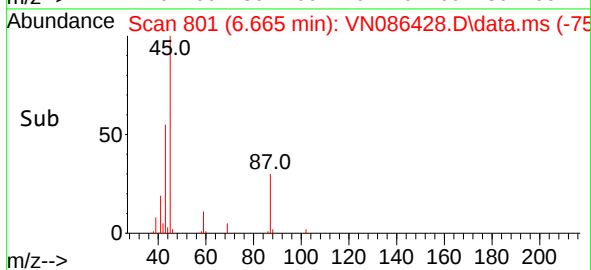
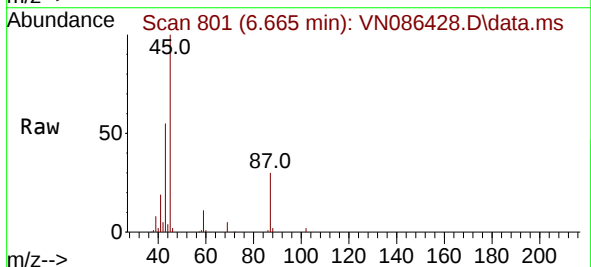
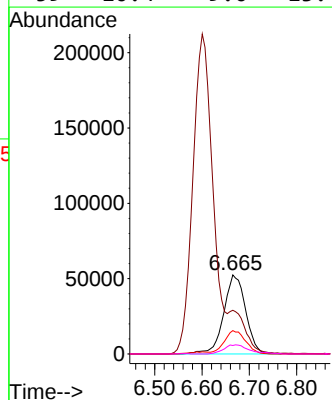
Manual Integrations
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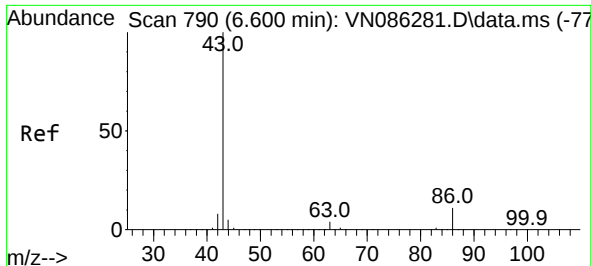
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#22
Diisopropyl ether
Concen: 17.026 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

Tgt Ion: 45 Resp: 168746
Ion Ratio Lower Upper
45 100
43 54.4 41.8 62.8
87 29.5 21.6 32.4
59 10.4 9.0 13.4





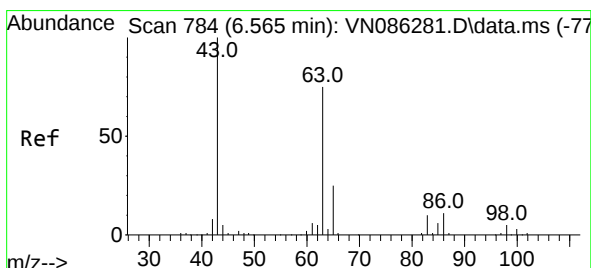
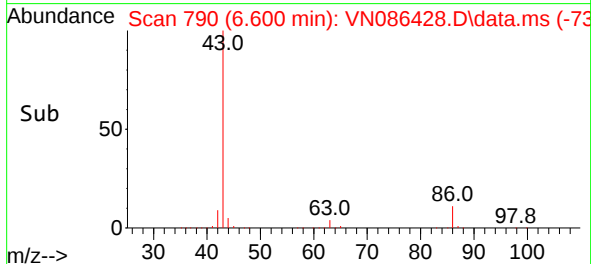
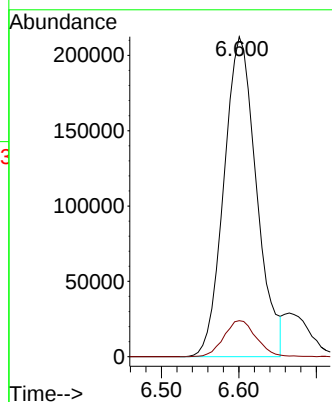
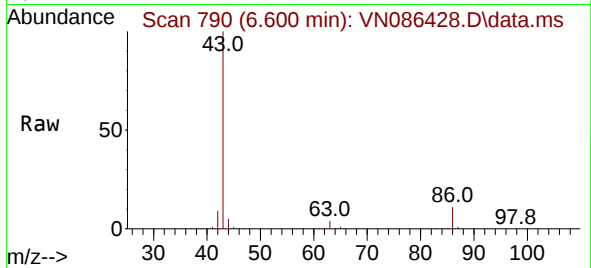
#23
 Vinyl Acetate
 Concen: 89.676 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN086428.D
 Acq: 30 Apr 2025 11:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBS01

Tgt Ion: 43 Resp: 621299
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 13.0

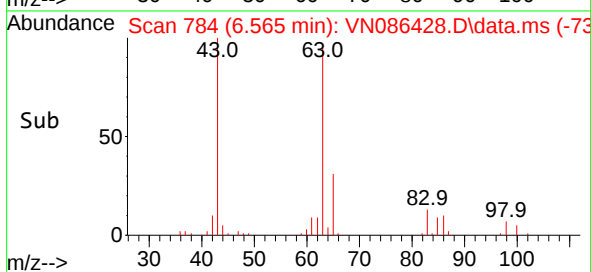
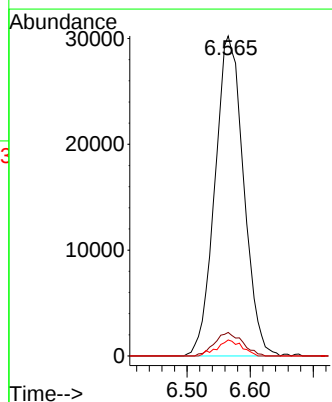
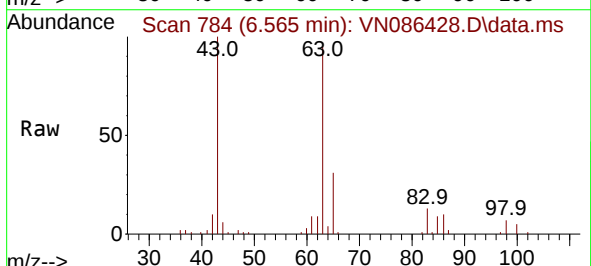
Manual Integrations
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Reviewed By :John Carlone 05/02/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025



#24
 1,1-Dichloroethane
 Concen: 18.217 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN086428.D
 Acq: 30 Apr 2025 11:39

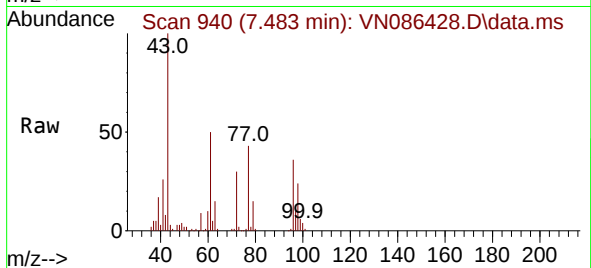
Tgt Ion: 63 Resp: 95265
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.2
 100 5.0 2.1 6.5





#25
2-Butanone
Concen: 88.560 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

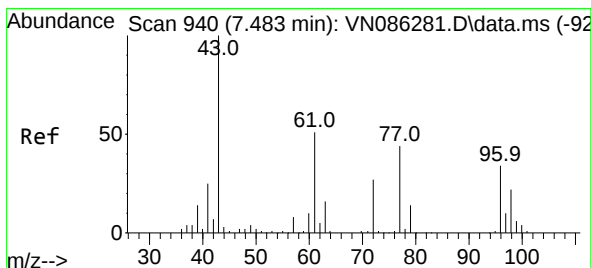
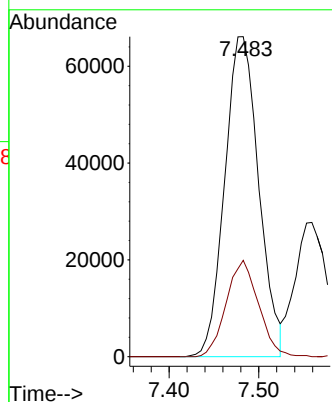
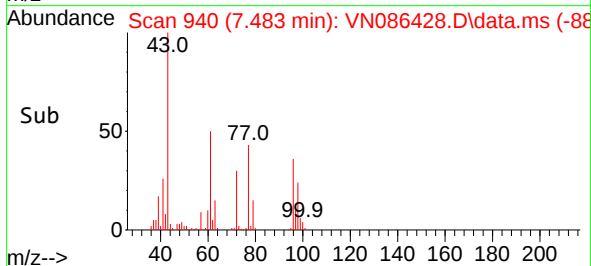
Instrument :
MSVOA_N
Client Sample Id :
VN0430WBS01



Tgt Ion: 43 Resp: 174056
Ion Ratio Lower Upper
43 100
72 30.1 21.7 32.5

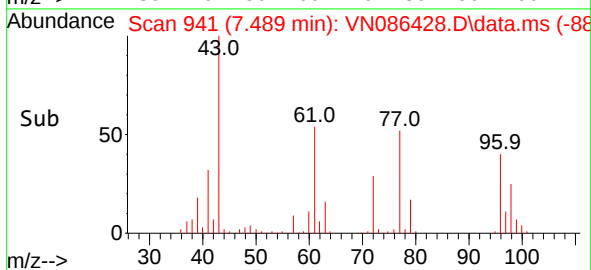
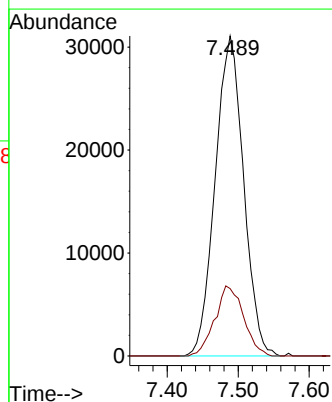
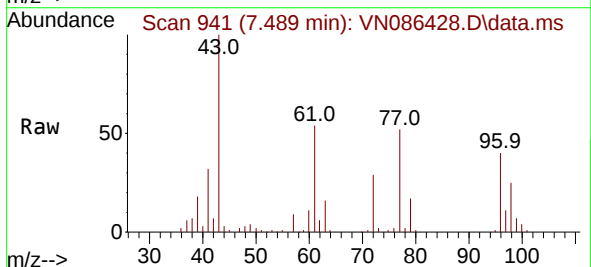
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#26
2,2-Dichloropropane
Concen: 18.427 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

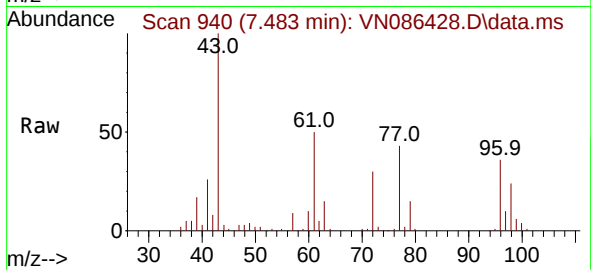
Tgt Ion: 77 Resp: 86278
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 18.570 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN086428.D
 Acq: 30 Apr 2025 11:39

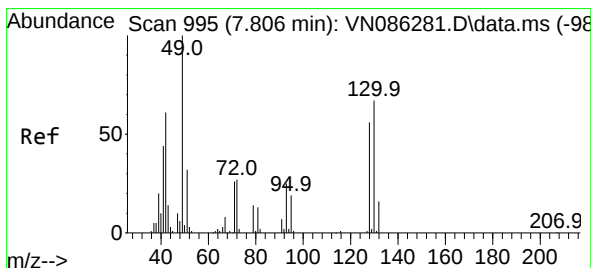
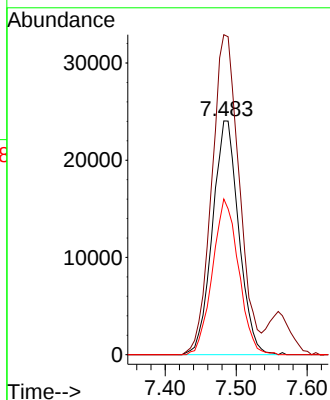
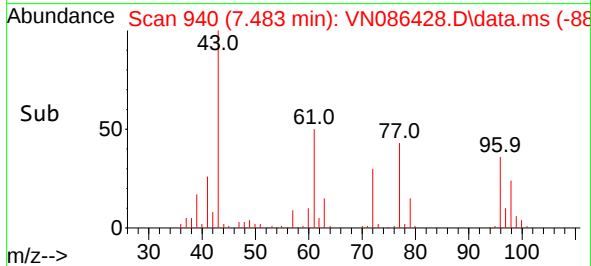
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBS01



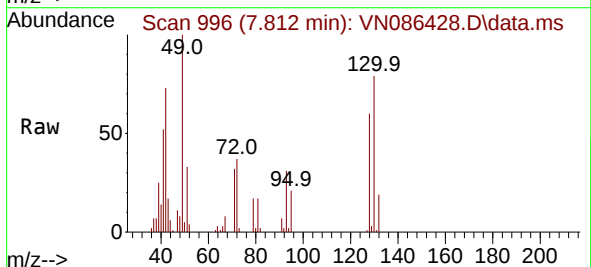
Tgt Ion: 96 Resp: 6175
 Ion Ratio Lower Upper
 96 100
 61 143.4 0.0 299.0
 98 66.3 0.0 129.6

Manual Integrations
 APPROVED

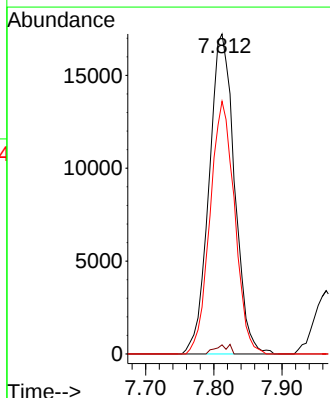
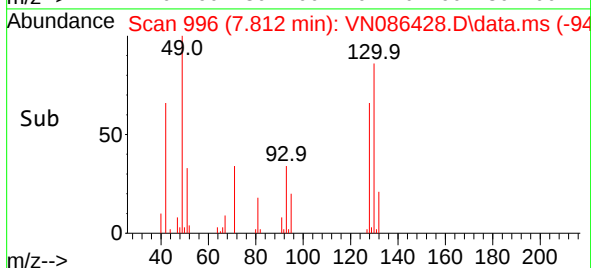
Reviewed By :John Carlone 05/02/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025



#28
 Bromochloromethane
 Concen: 20.193 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086428.D
 Acq: 30 Apr 2025 11:39



Tgt Ion: 49 Resp: 44773
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.4
 130 76.3 57.1 85.7





#29

Tetrahydrofuran

Concen: 88.041 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN086428.D

Acq: 30 Apr 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBS01

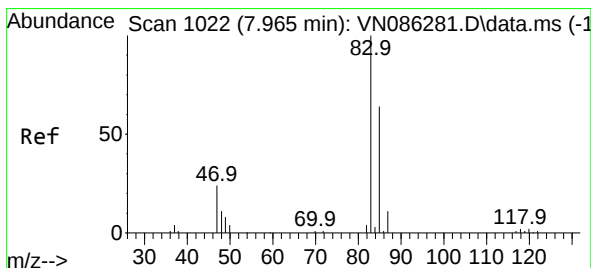
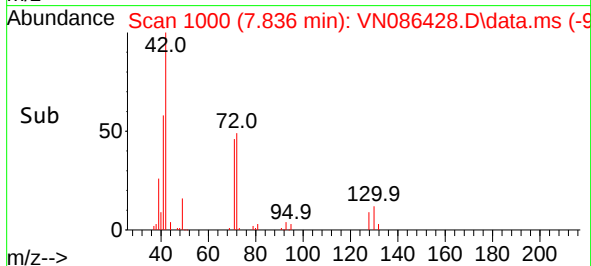
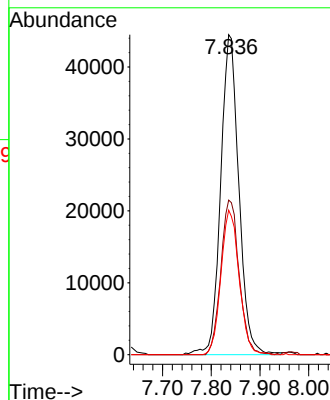
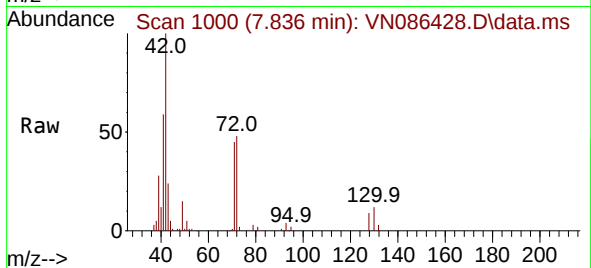
Tgt Ion:	42	Resp:	115710
Ion Ratio	Lower	Upper	
42	100		
72	48.5	36.2	54.4
71	45.1	34.0	51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#30

Chloroform

Concen: 18.659 ug/l

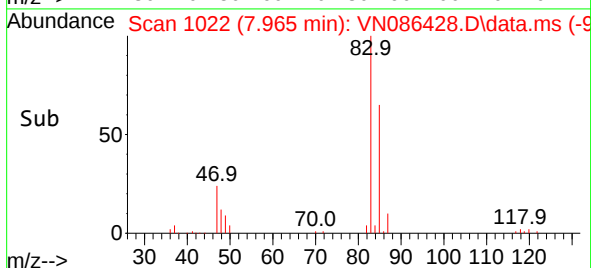
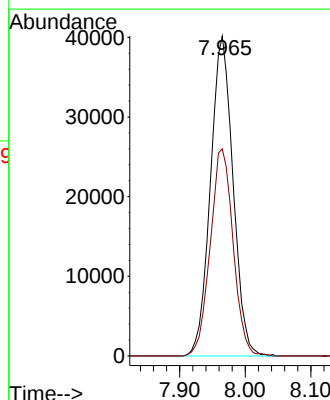
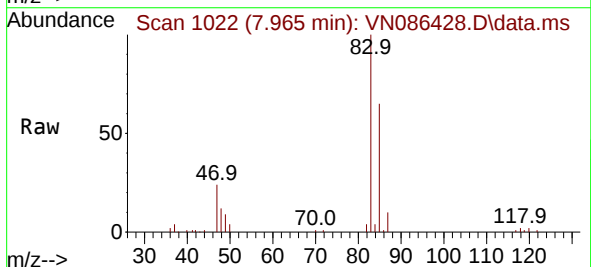
RT: 7.965 min Scan# 1022

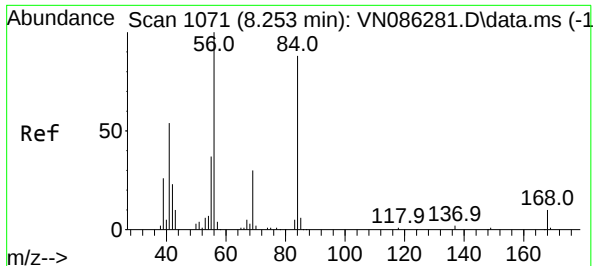
Delta R.T. 0.000 min

Lab File: VN086428.D

Acq: 30 Apr 2025 11:39

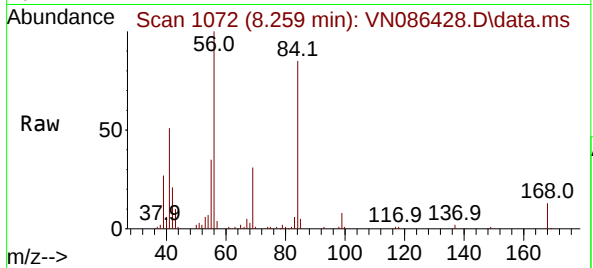
Tgt Ion:	83	Resp:	95850
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.5	77.3





#31
Cyclohexane
Concen: 17.761 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

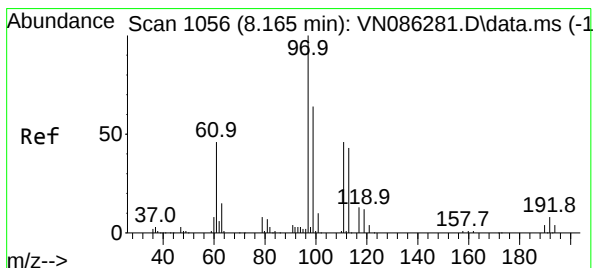
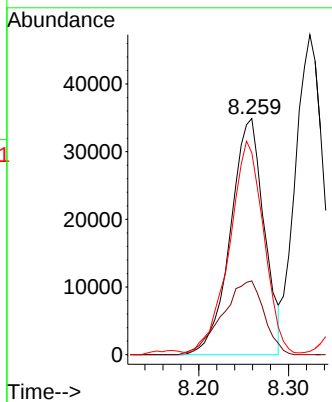
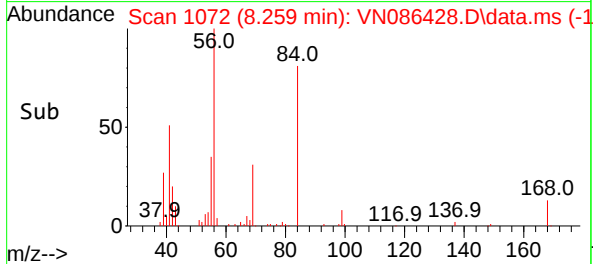
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01



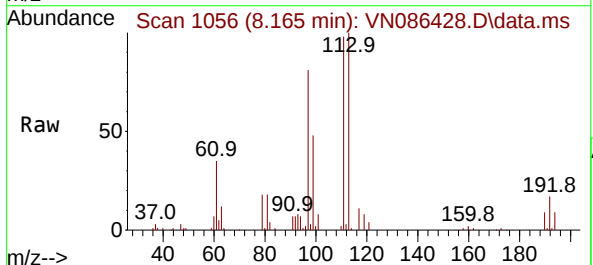
Tgt Ion: 56 Resp: 9088
Ion Ratio Lower Upper
56 100
69 31.2 24.2 36.2
84 84.0 70.3 105.5

Manual Integrations
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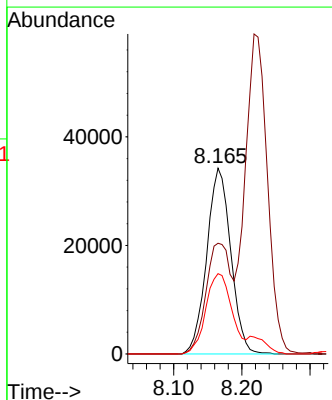
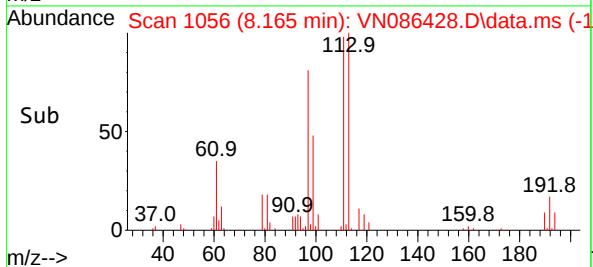
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#32
1,1,1-Trichloroethane
Concen: 19.138 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39



Tgt Ion: 97 Resp: 84100
Ion Ratio Lower Upper
97 100
99 62.6 52.7 79.1
61 47.0 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 50.708 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086428.D

Acq: 30 Apr 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBS01

Tgt Ion: 65 Resp: 16011

Ion Ratio Lower Upper

65 100

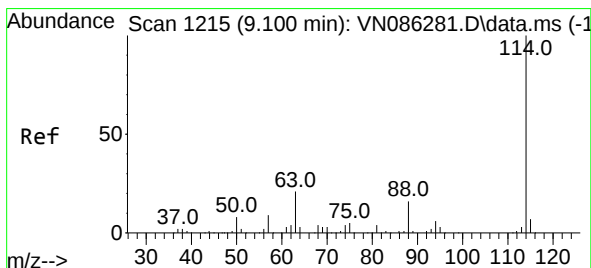
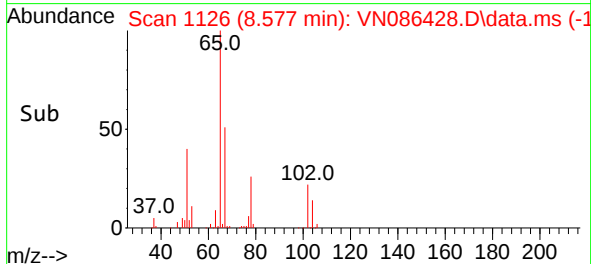
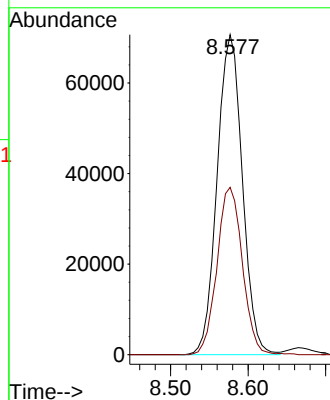
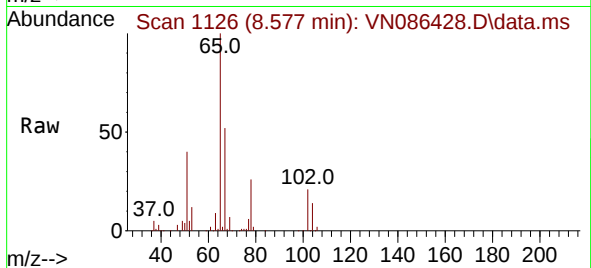
67 52.7 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086428.D

Acq: 30 Apr 2025 11:39

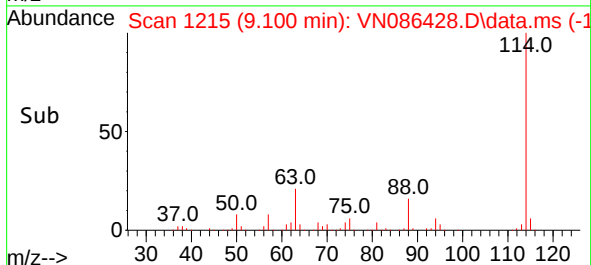
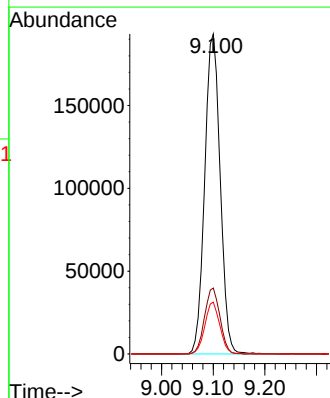
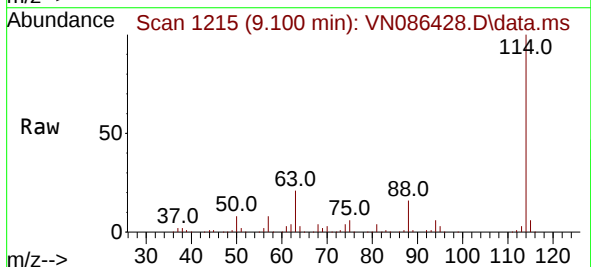
Tgt Ion:114 Resp: 401997

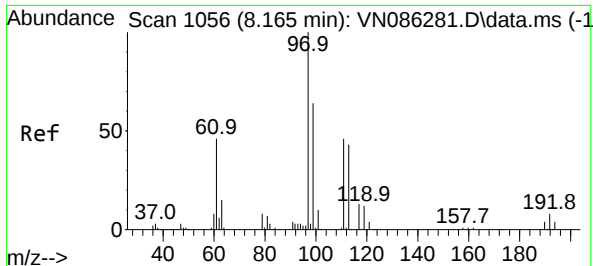
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

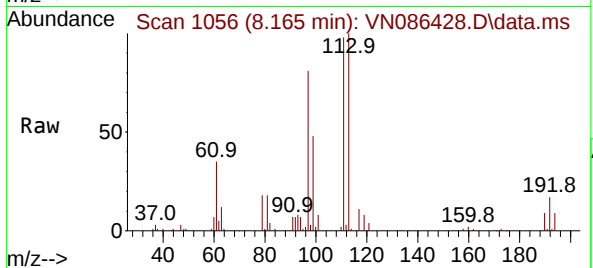
88 16.2 0.0 31.8





#35
Dibromofluoromethane
Concen: 52.321 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

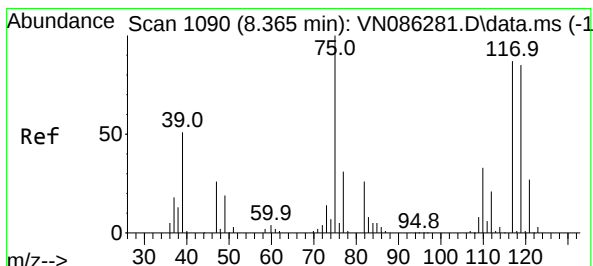
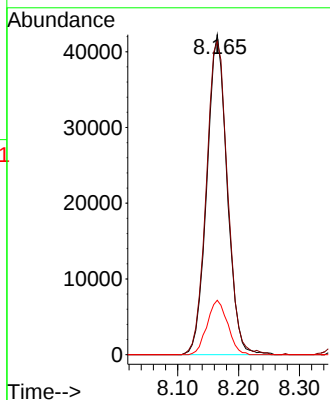
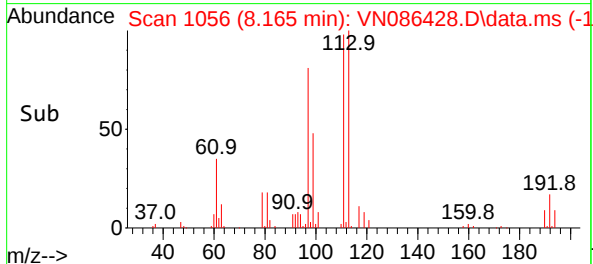
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01



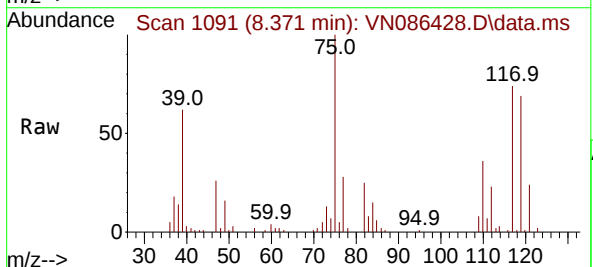
Tgt Ion: 113 Resp: 9761
Ion Ratio Lower Upper
113 100
111 102.8 83.4 125.0
192 17.2 13.7 20.5

Manual Integrations
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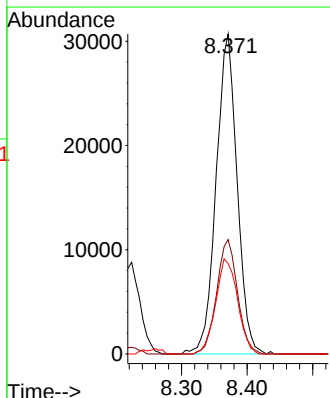
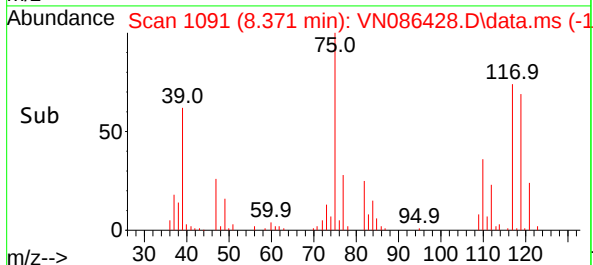
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

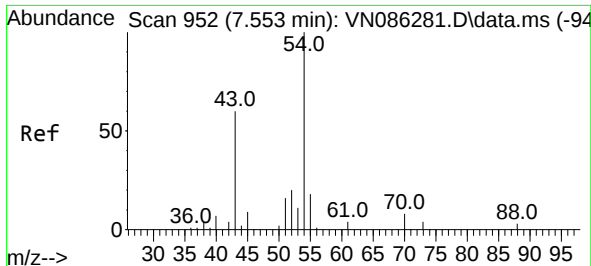


#36
1,1-Dichloropropene
Concen: 18.274 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39



Tgt Ion: 75 Resp: 68099
Ion Ratio Lower Upper
75 100
110 35.4 16.8 50.4
77 31.2 24.9 37.3





#37

Ethyl Acetate

Concen: 18.288 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN086428.D

Acq: 30 Apr 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBS01

Tgt Ion: 43 Resp: 71749

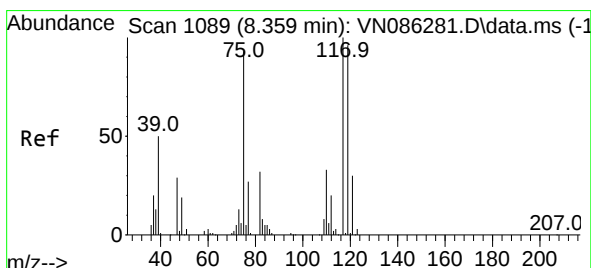
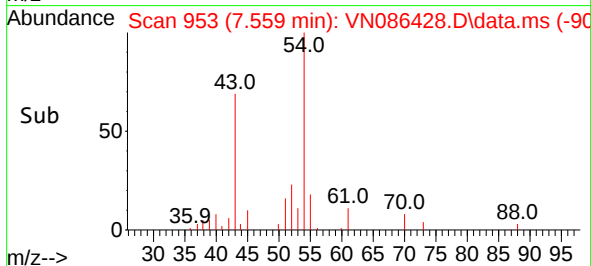
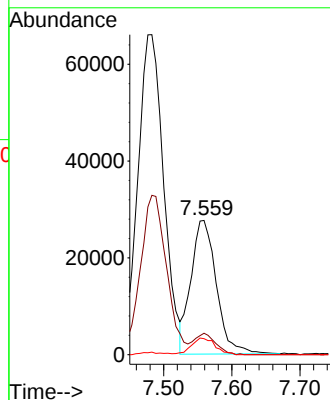
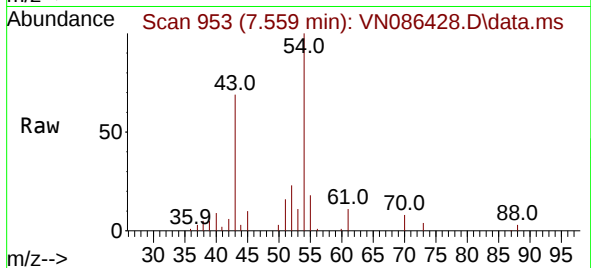
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.1	16.7
70	11.6	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#38

Carbon Tetrachloride

Concen: 19.811 ug/l

RT: 8.359 min Scan# 1089

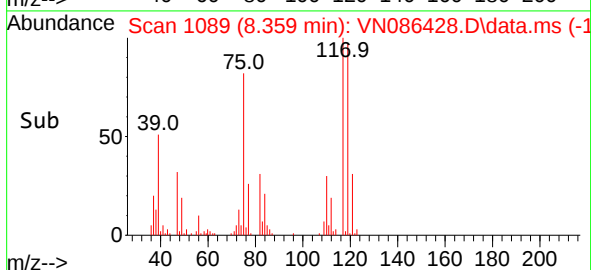
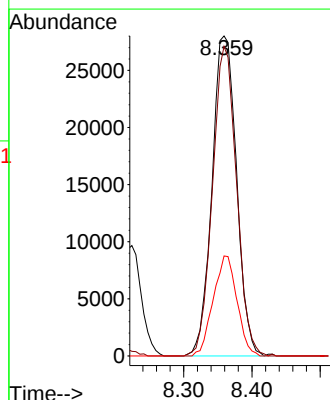
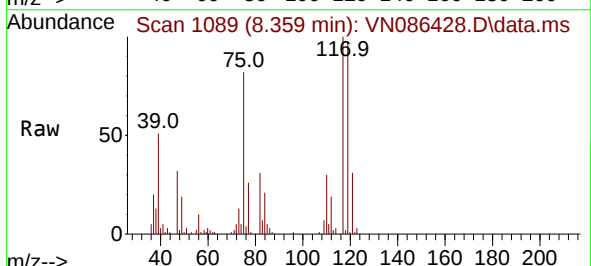
Delta R.T. 0.000 min

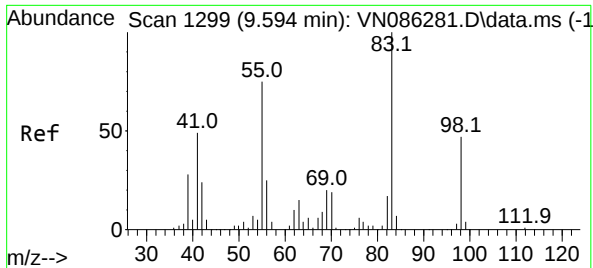
Lab File: VN086428.D

Acq: 30 Apr 2025 11:39

Tgt Ion:117 Resp: 70304

Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.8	115.2
121	31.2	23.8	35.8





#39

Methylcyclohexane

Concen: 18.516 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. 0.000 min

Lab File: VN086428.D

Acq: 30 Apr 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBS01

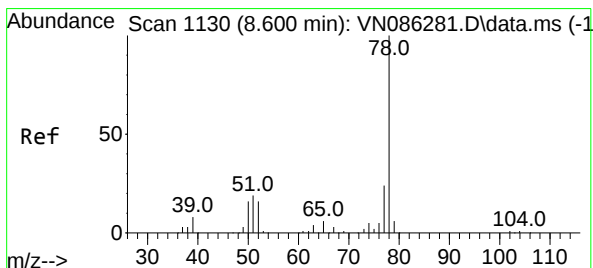
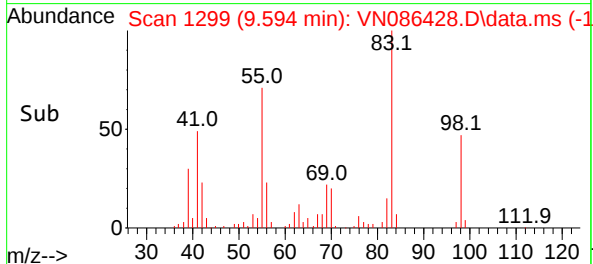
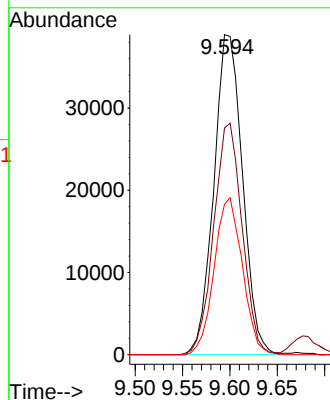
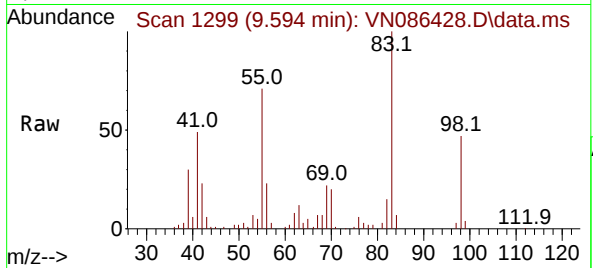
Tgt Ion: 83 Resp: 82015
 Ion Ratio Lower Upper
 83 100
 55 70.8 59.8 89.8
 98 47.0 37.9 56.9

Manual Integrations

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Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#40

Benzene

Concen: 18.932 ug/l

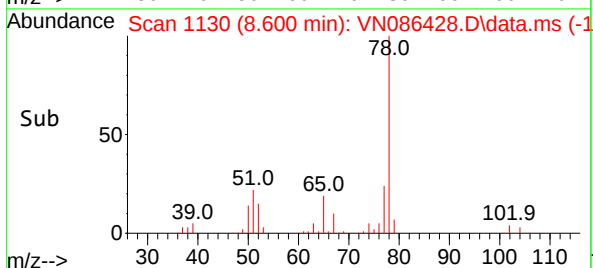
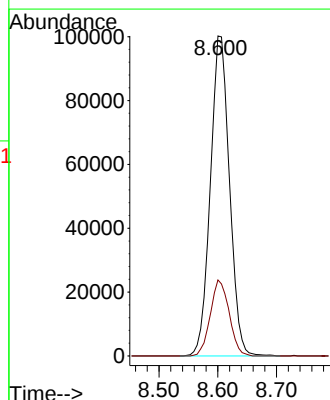
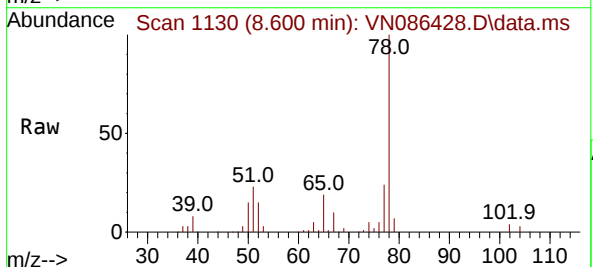
RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN086428.D

Acq: 30 Apr 2025 11:39

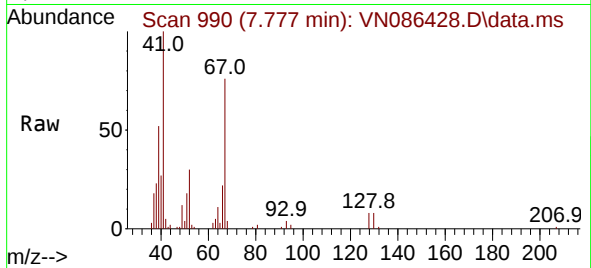
Tgt Ion: 78 Resp: 226043
 Ion Ratio Lower Upper
 78 100
 77 23.8 19.4 29.2





#41
Methacrylonitrile
Concen: 17.874 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

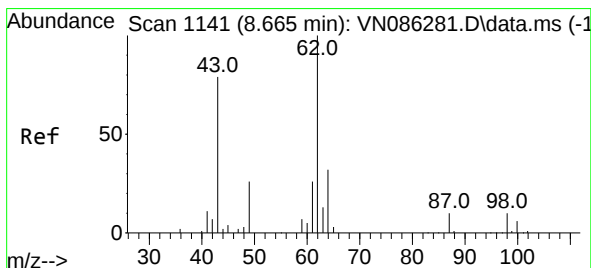
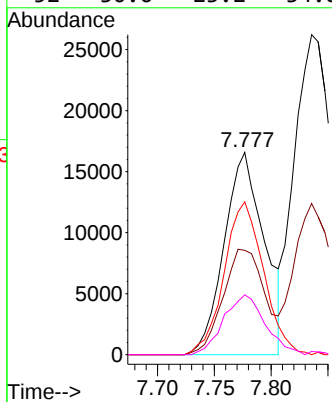
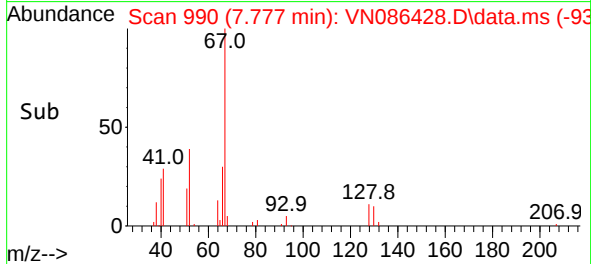
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01



Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.7	43.0	64.4
67	74.4	58.8	88.2
52	30.6	23.2	34.8

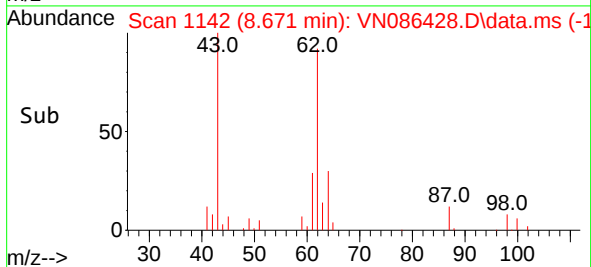
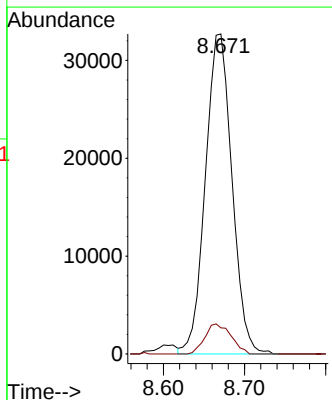
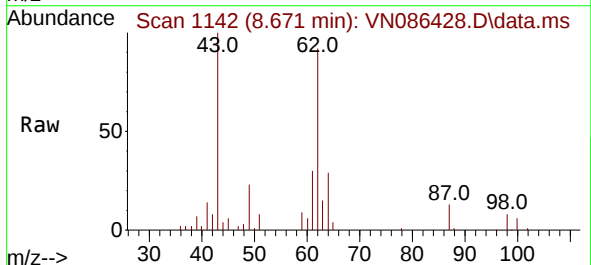
Manual Integrations
APPROVED

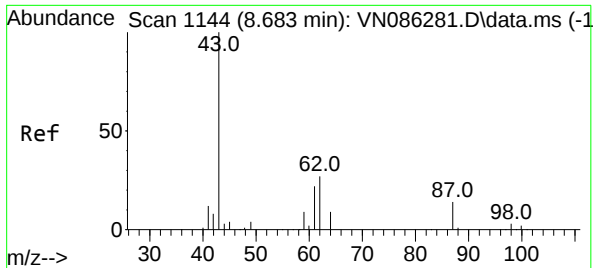
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#42
1,2-Dichloroethane
Concen: 19.555 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

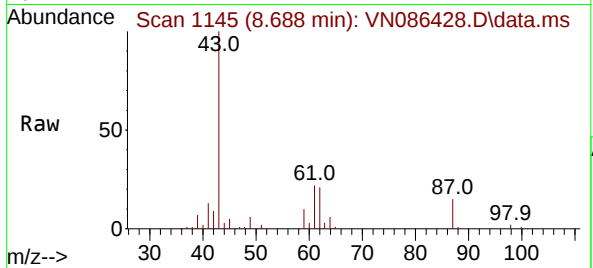
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.2





#43
Isopropyl Acetate
Concen: 17.661 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

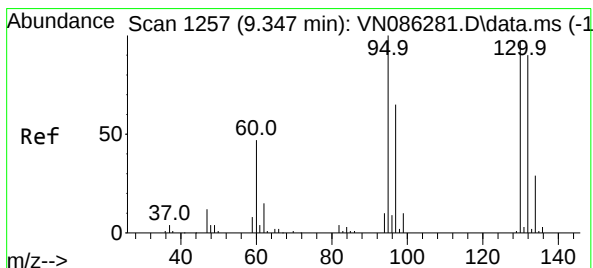
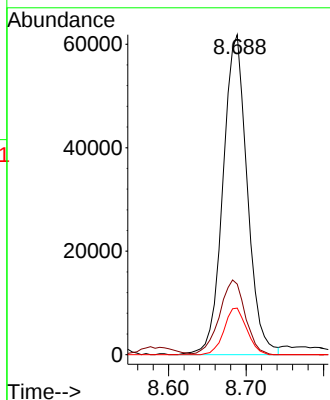
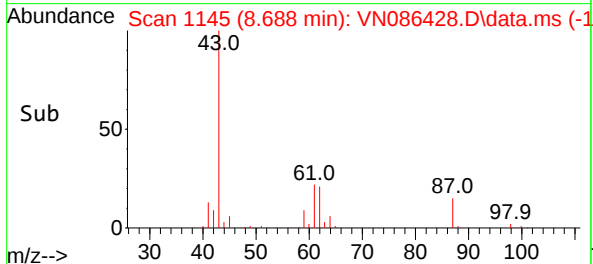
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01



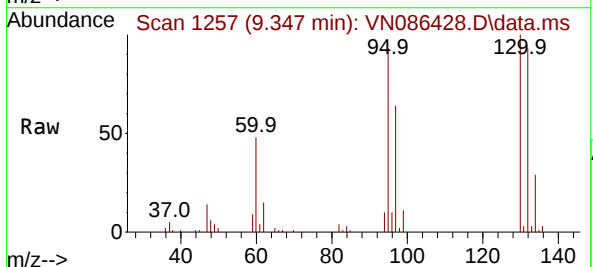
Tgt Ion: 43 Resp: 134649
Ion Ratio Lower Upper
43 100
61 24.8 20.5 30.7
87 13.6 10.5 15.7

Manual Integrations
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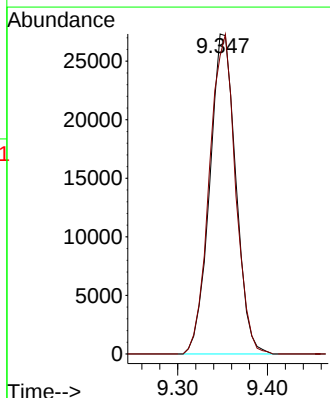
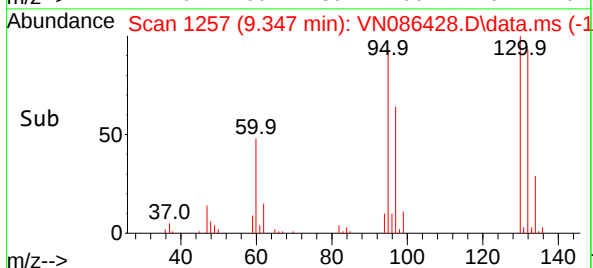
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#44
Trichloroethene
Concen: 19.468 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39



Tgt Ion:130 Resp: 55093
Ion Ratio Lower Upper
130 100
95 93.2 0.0 207.2





#45

1,2-Dichloropropane

Concen: 18.567 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086428.D

Acq: 30 Apr 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBS01

Tgt Ion: 63 Resp: 5426

Ion Ratio Lower Upper

63 100

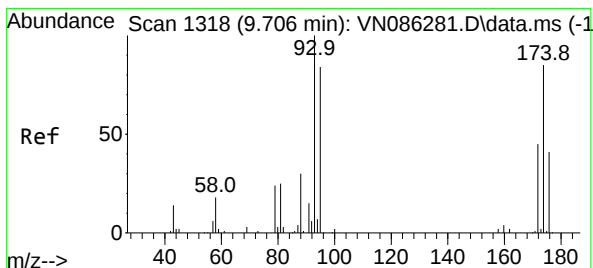
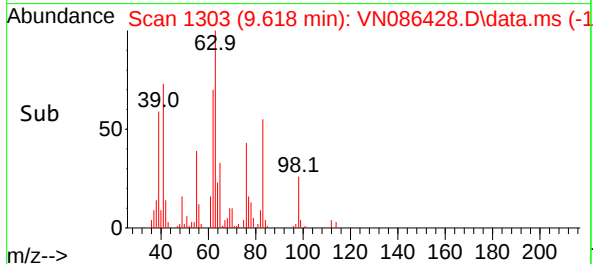
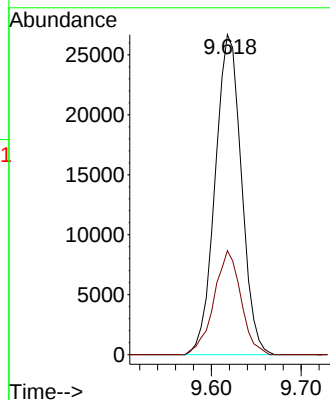
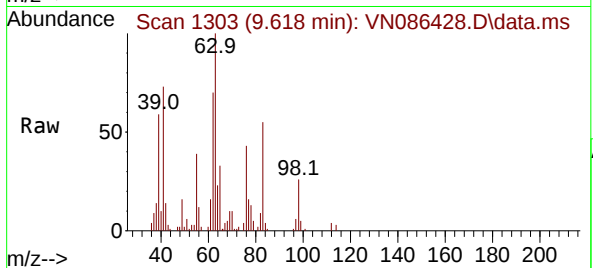
65 32.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#46

Dibromomethane

Concen: 19.985 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086428.D

Acq: 30 Apr 2025 11:39

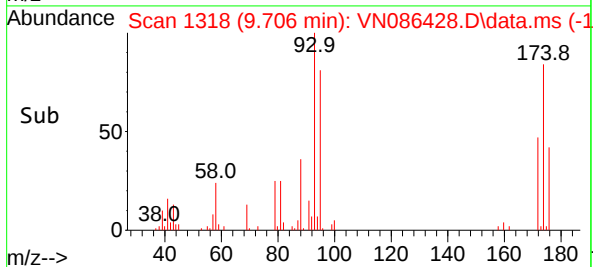
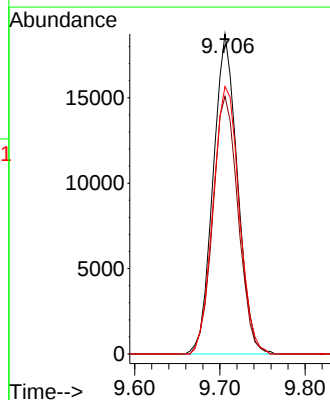
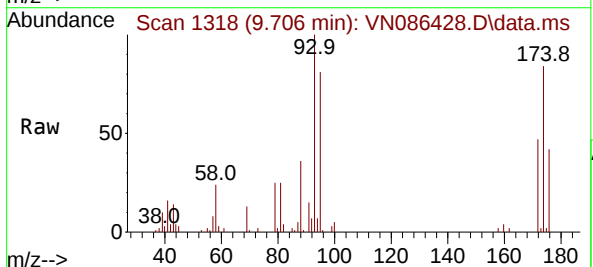
Tgt Ion: 93 Resp: 37215

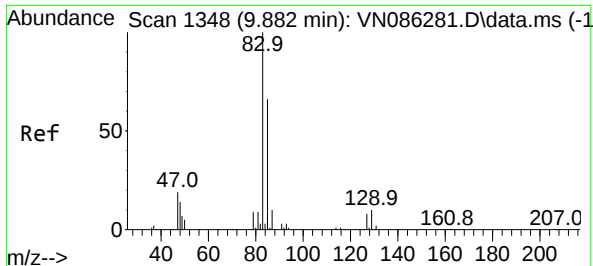
Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

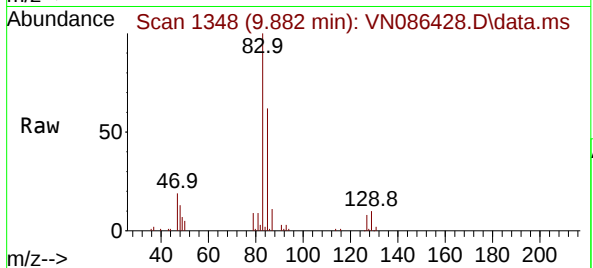
174 89.4 67.8 101.6





#47
Bromodichloromethane
Concen: 19.318 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

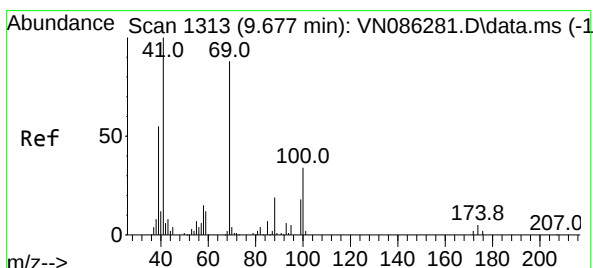
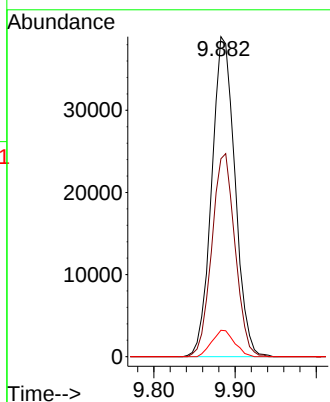
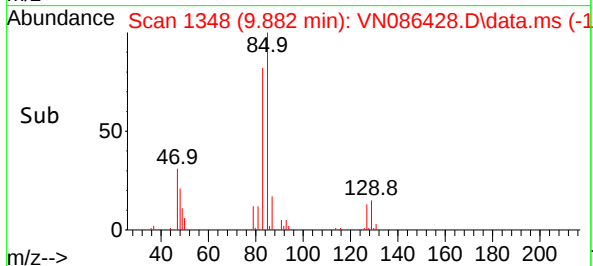
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01



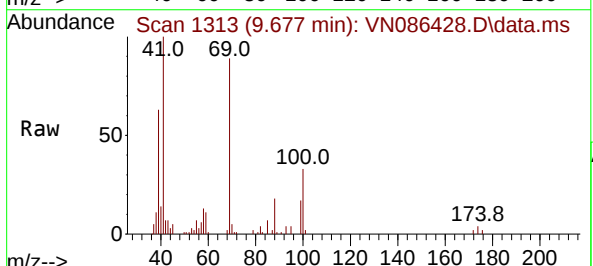
Tgt Ion: 83 Resp: 77692
Ion Ratio Lower Upper
83 100
85 61.9 52.6 78.8
127 8.3 6.1 9.1

Manual Integrations
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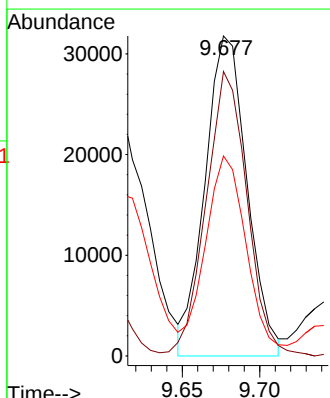
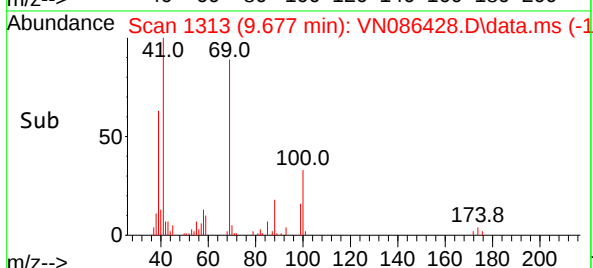
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

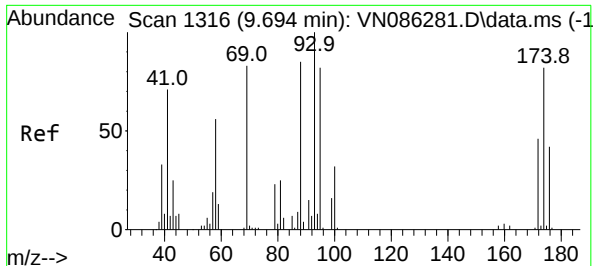


#48
Methyl methacrylate
Concen: 17.362 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39



Tgt Ion: 41 Resp: 59815
Ion Ratio Lower Upper
41 100
69 87.2 68.2 102.2
39 62.0 45.2 67.8





#49

1,4-Dioxane

Concen: 402.402 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN086428.D

Acq: 30 Apr 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBS01

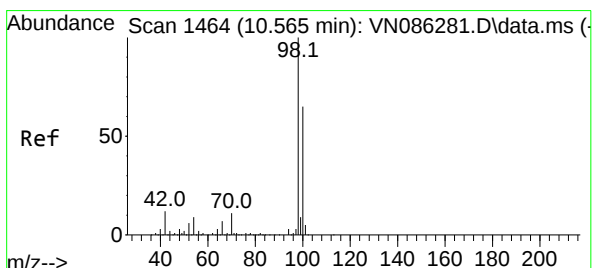
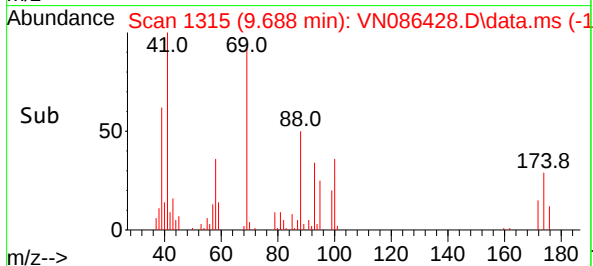
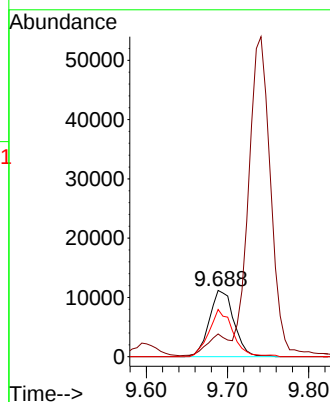
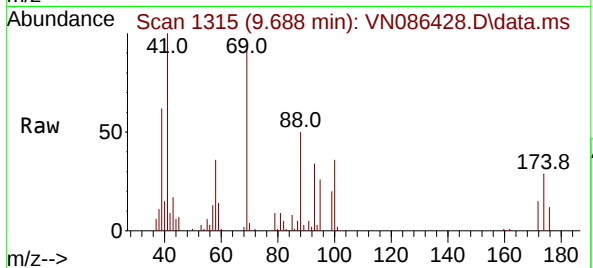
Tgt Ion: 88 Resp: 2358
 Ion Ratio Lower Upper
 88 100
 43 30.3 23.8 35.8
 58 69.3 57.4 86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#50

Toluene-d8

Concen: 50.767 ug/l

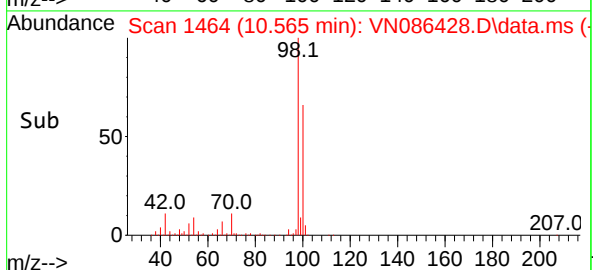
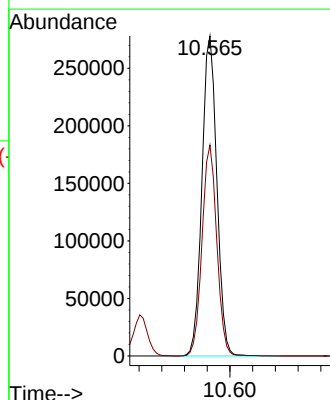
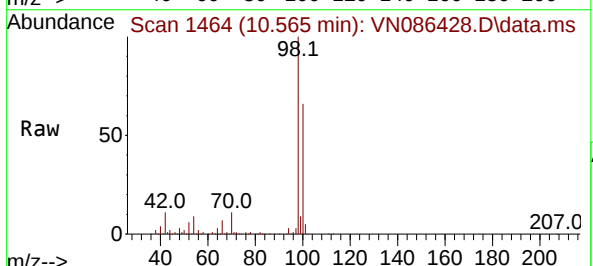
RT: 10.565 min Scan# 1464

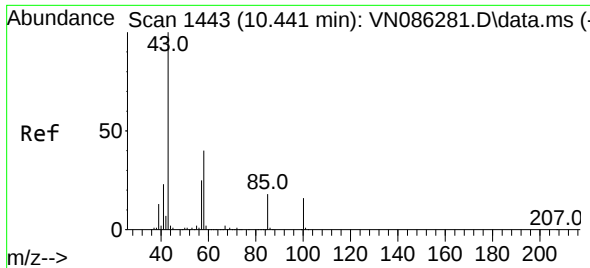
Delta R.T. 0.000 min

Lab File: VN086428.D

Acq: 30 Apr 2025 11:39

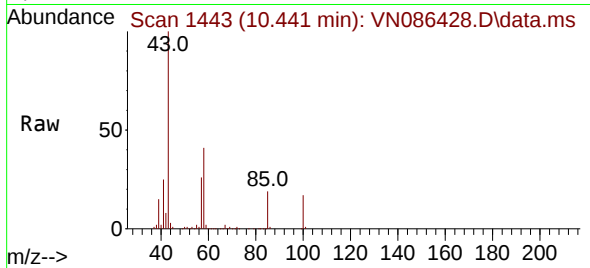
Tgt Ion: 98 Resp: 506209
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 92.865 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

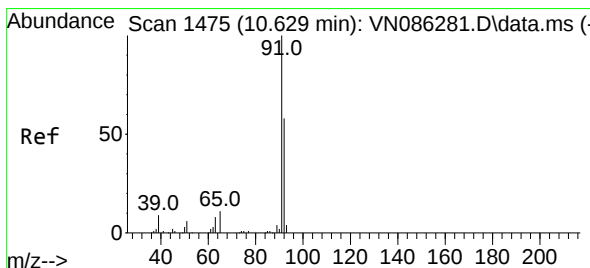
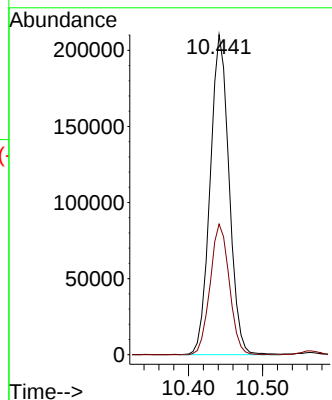
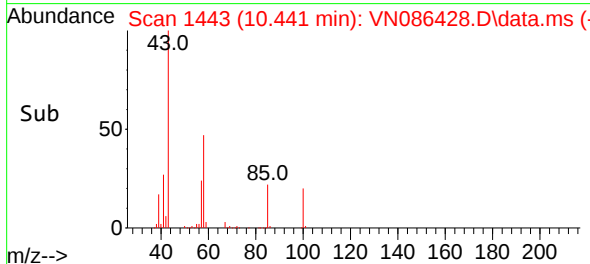
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01



Tgt Ion: 43 Resp: 37307
Ion Ratio Lower Upper
43 100
58 41.3 32.2 48.4

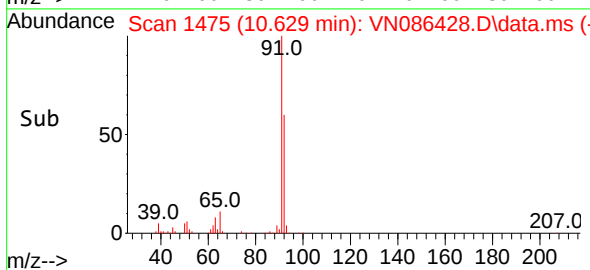
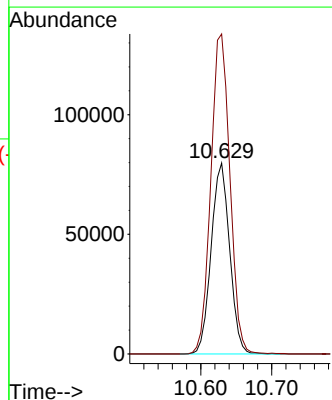
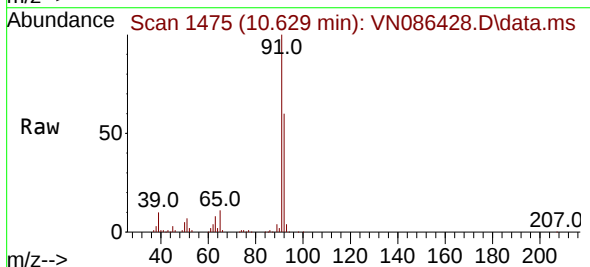
Manual Integrations
APPROVED

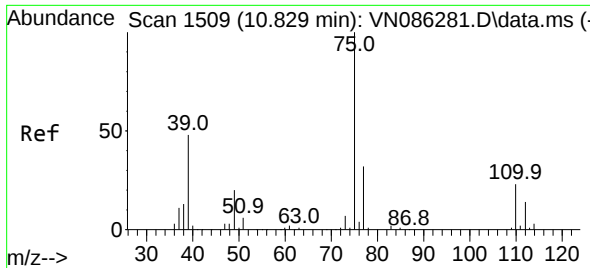
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#52
Toluene
Concen: 19.340 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

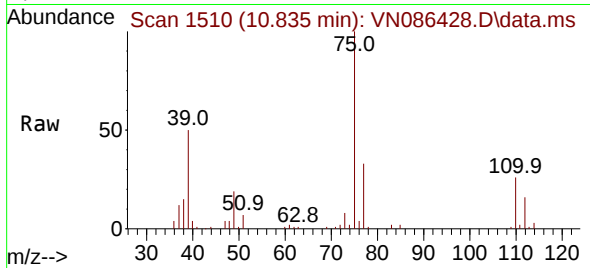
Tgt Ion: 92 Resp: 144080
Ion Ratio Lower Upper
92 100
91 173.4 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 18.729 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

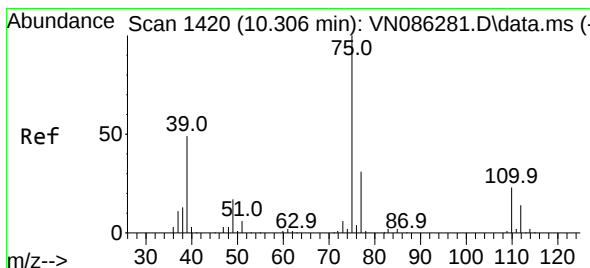
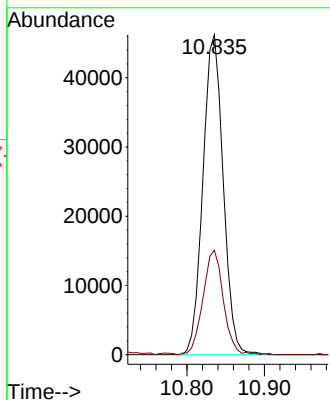
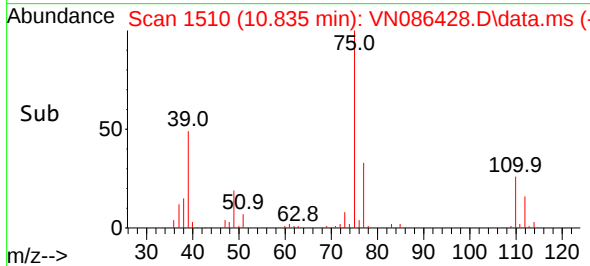
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01



Tgt Ion: 75 Resp: 8408
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0

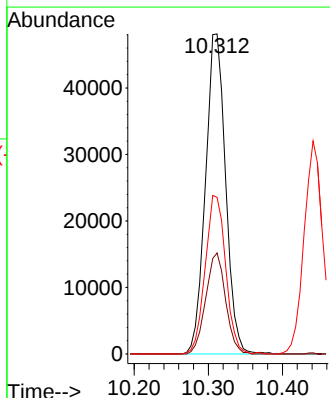
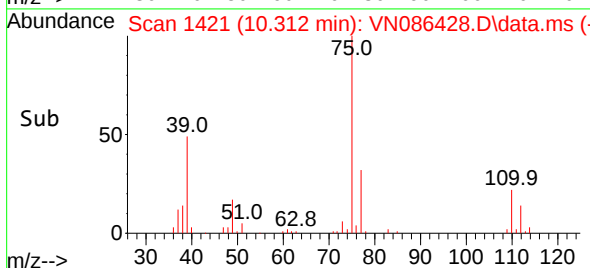
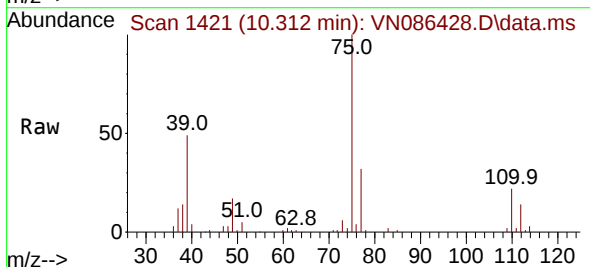
Manual Integrations
APPROVED

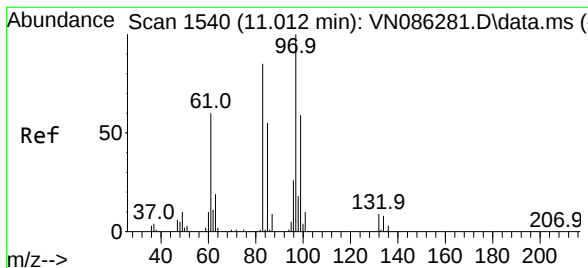
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#54
cis-1,3-Dichloropropene
Concen: 18.438 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

Tgt Ion: 75 Resp: 90917
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8
39 48.9 39.3 58.9





#55

1,1,2-Trichloroethane

Concen: 19.661 ug/l

RT: 11.018 min Scan# 1540

Delta R.T. 0.006 min

Lab File: VN086428.D

Acq: 30 Apr 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBS01

Tgt Ion: 97 Resp: 52698

Ion Ratio Lower Upper

97 100

83 80.6 68.4 102.6

85 55.4 43.9 65.9

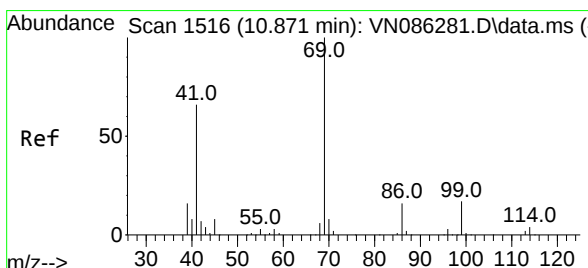
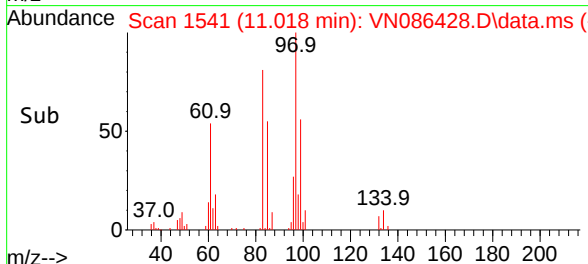
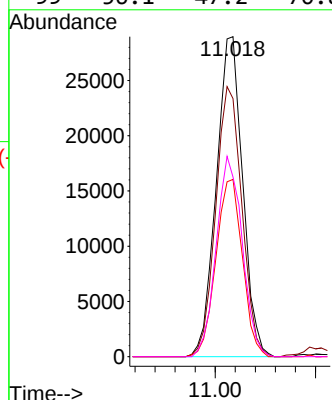
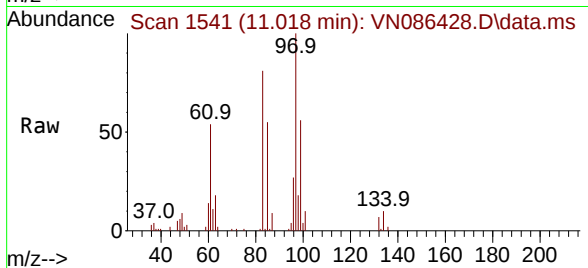
99 56.1 47.2 70.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#56

Ethyl methacrylate

Concen: 18.070 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN086428.D

Acq: 30 Apr 2025 11:39

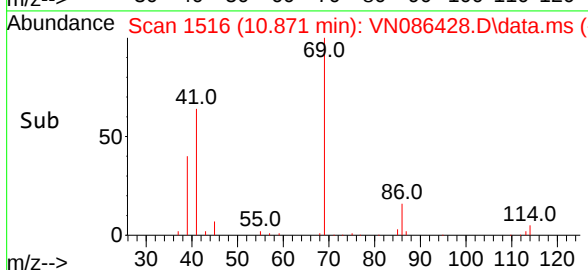
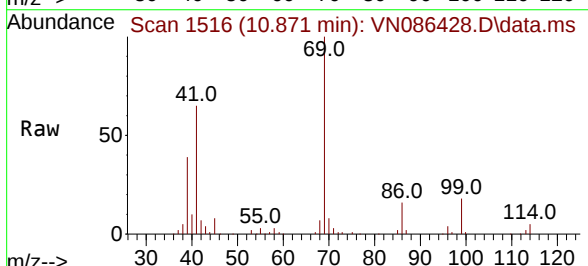
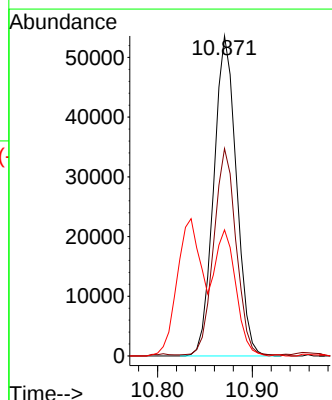
Tgt Ion: 69 Resp: 89029

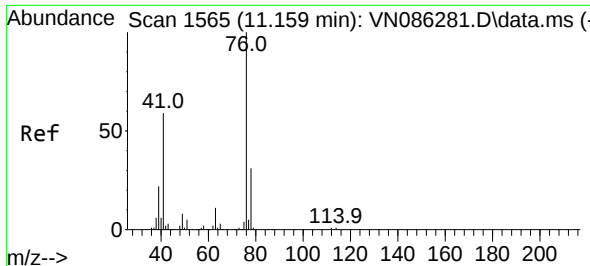
Ion Ratio Lower Upper

69 100

41 63.8 51.7 77.5

39 37.2 26.3 39.5





#57

1,3-Dichloropropane

Concen: 18.992 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN086428.D

Acq: 30 Apr 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBS01

Tgt Ion: 76 Resp: 90319

Ion Ratio Lower Upper

76 100

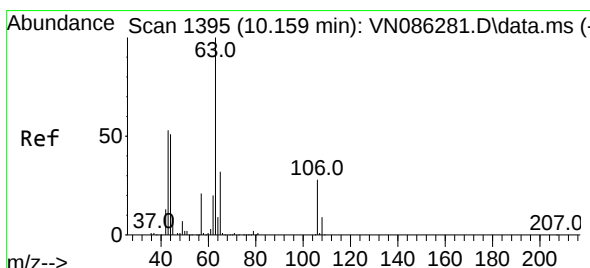
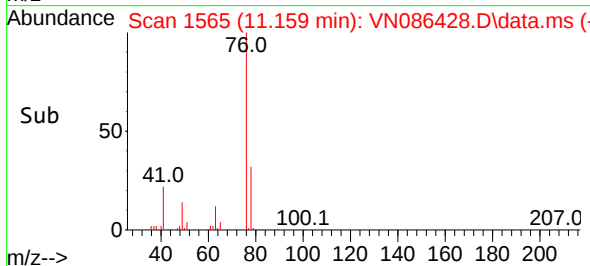
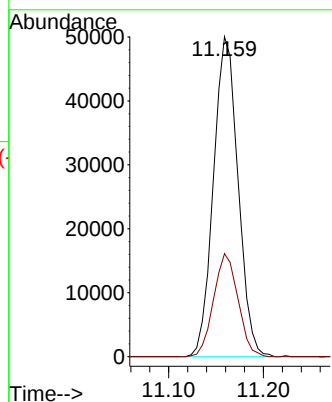
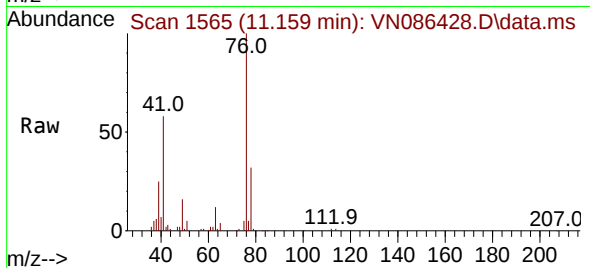
78 31.9 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#58

2-Chloroethyl Vinyl ether

Concen: 88.921 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN086428.D

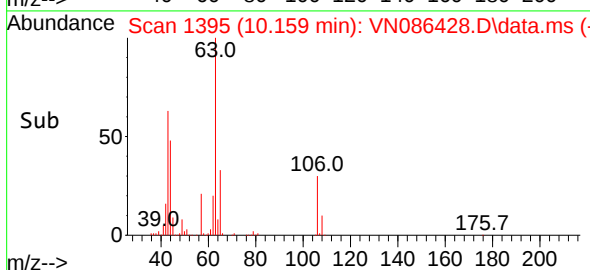
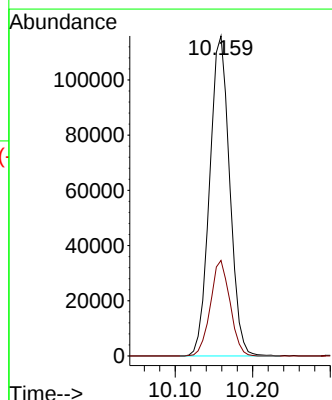
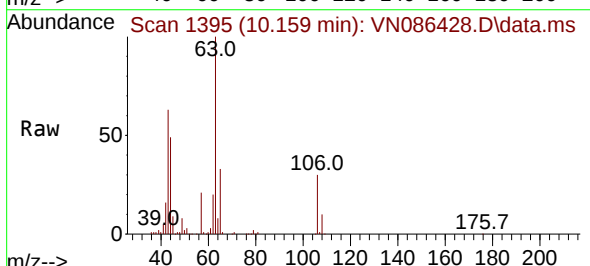
Acq: 30 Apr 2025 11:39

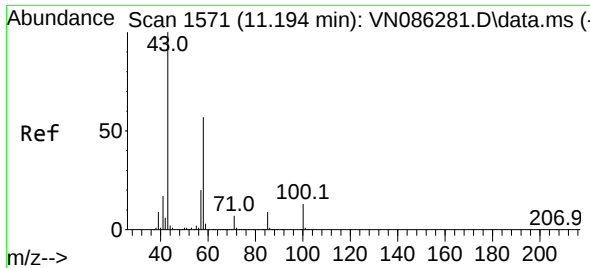
Tgt Ion: 63 Resp: 207943

Ion Ratio Lower Upper

63 100

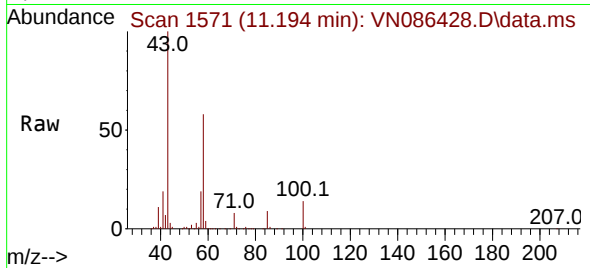
106 29.2 22.2 33.2





#59
2-Hexanone
Concen: 92.007 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

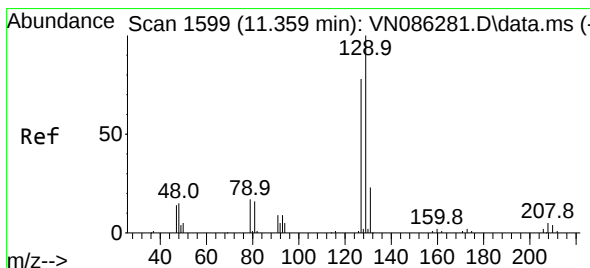
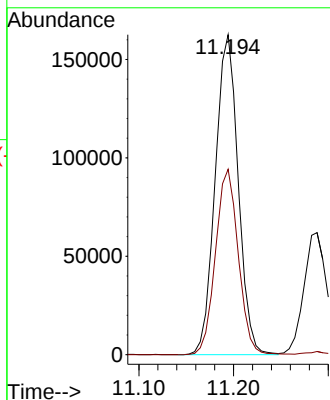
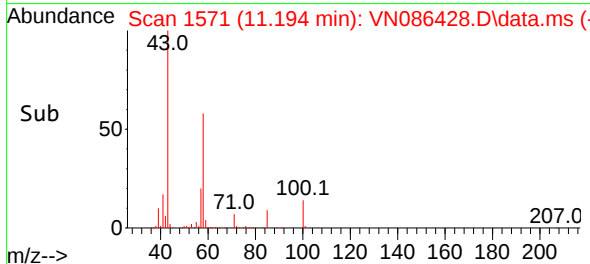
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01



Tgt Ion: 43 Resp: 274160
Ion Ratio Lower Upper
43 100
58 57.4 28.3 85.0

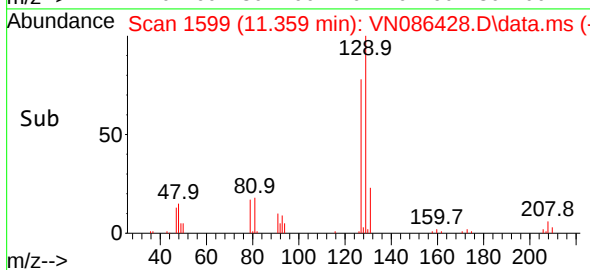
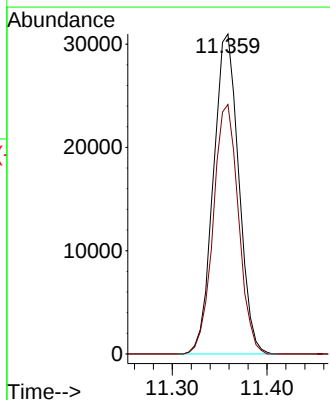
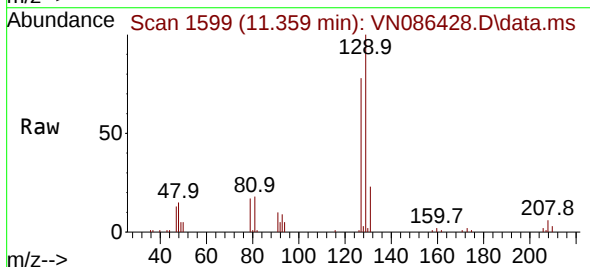
Manual Integrations
APPROVED

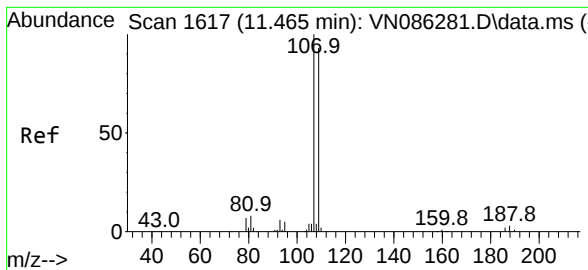
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#60
Dibromochloromethane
Concen: 19.586 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

Tgt Ion:129 Resp: 57647
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1





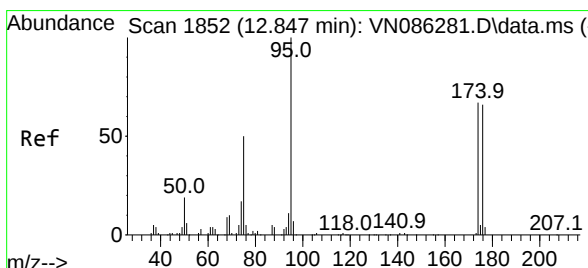
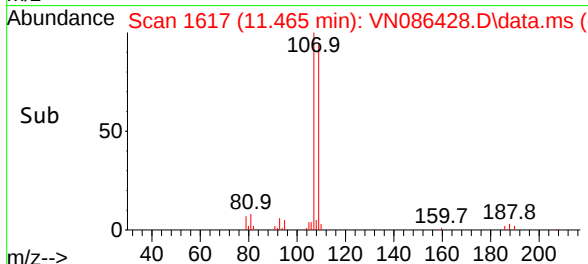
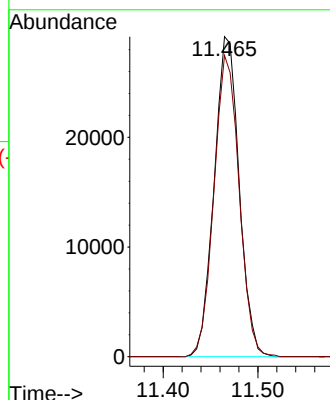
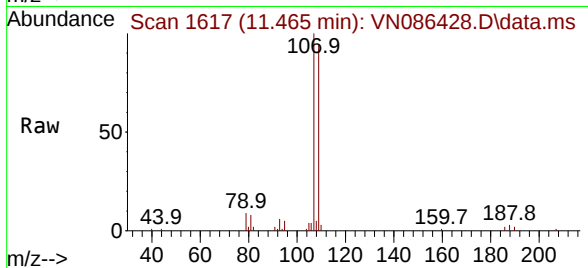
#61
1,2-Dibromoethane
Concen: 19.780 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

Tgt Ion:107 Resp: 53490
Ion Ratio Lower Upper
107 100
109 94.8 75.4 113.0

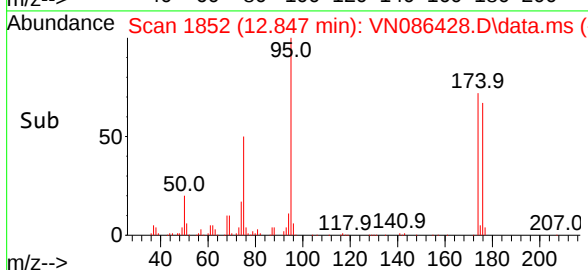
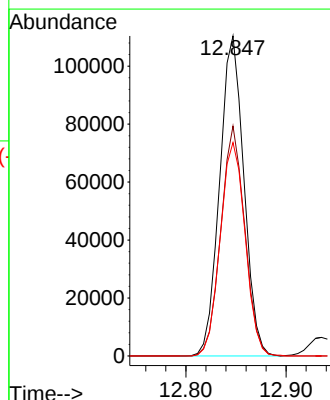
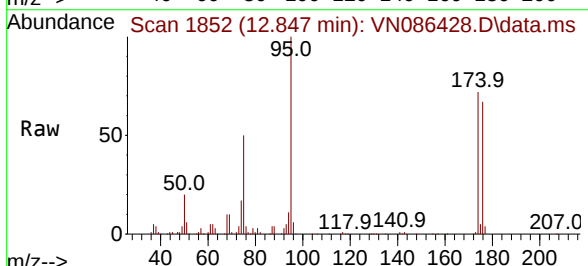
Manual Integrations
APPROVED

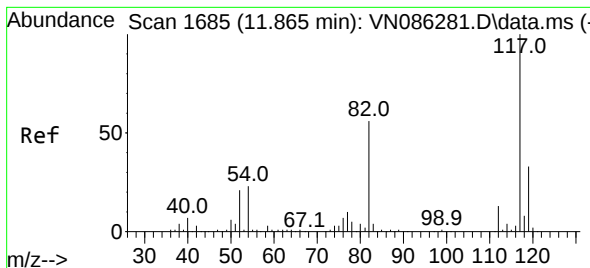
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#62
4-Bromofluorobenzene
Concen: 50.926 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

Tgt Ion: 95 Resp: 185216
Ion Ratio Lower Upper
95 100
174 70.8 0.0 133.4
176 68.5 0.0 129.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086428.D

Acq: 30 Apr 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBS01

Tgt Ion:117 Resp: 363280

Ion Ratio Lower Upper

117 100

82 54.5 44.7 67.1

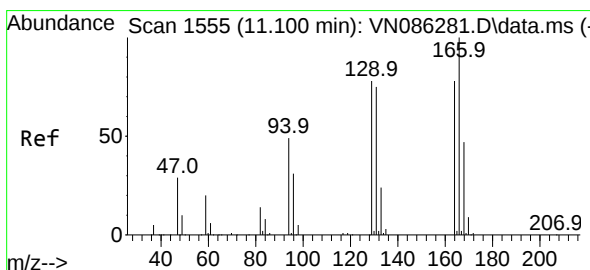
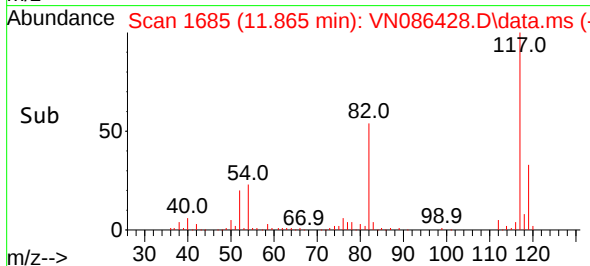
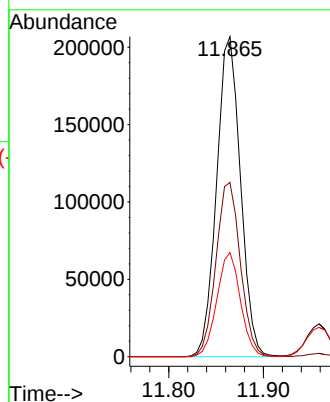
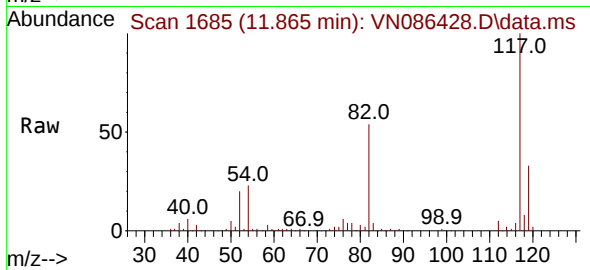
119 32.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#64

Tetrachloroethene

Concen: 19.642 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN086428.D

Acq: 30 Apr 2025 11:39

Tgt Ion:164 Resp: 54887

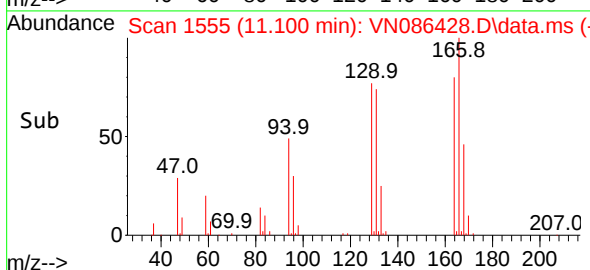
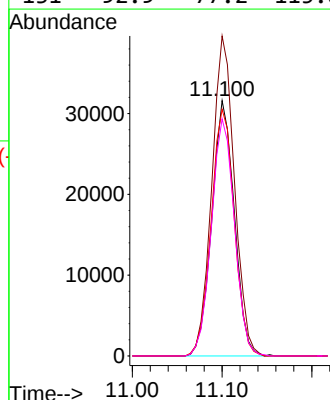
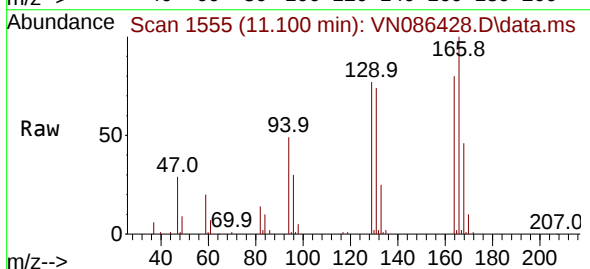
Ion Ratio Lower Upper

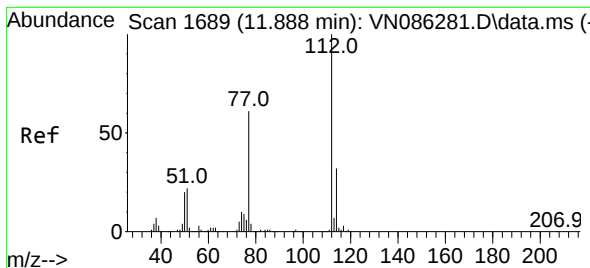
164 100

166 125.3 103.0 154.4

129 96.6 80.1 120.1

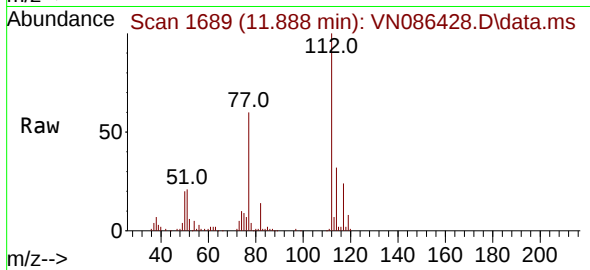
131 92.9 77.2 115.8





#65
Chlorobenzene
Concen: 19.047 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

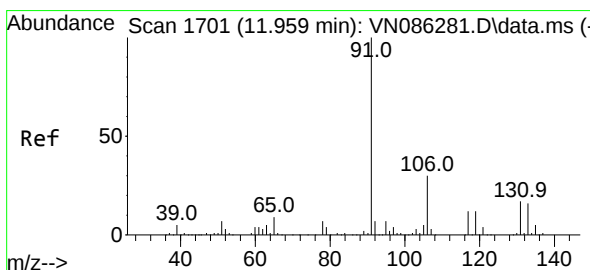
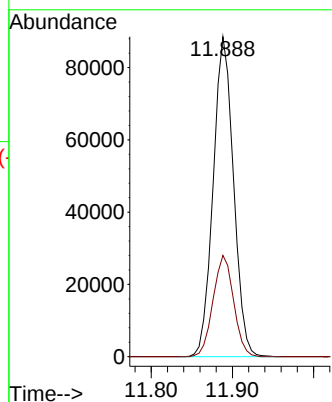
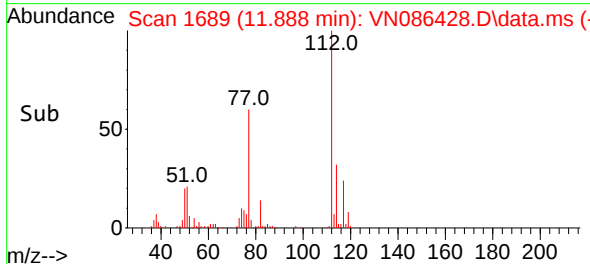
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01



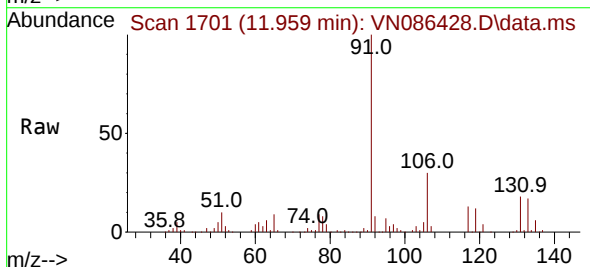
Tgt Ion:112 Resp: 154419
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

Manual Integrations
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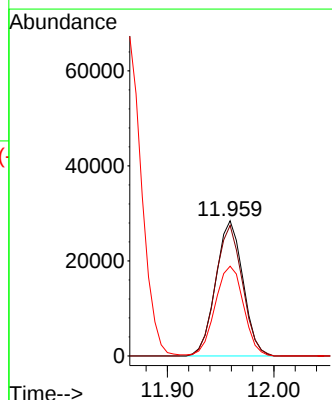
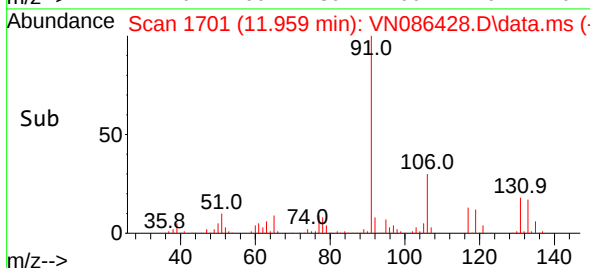
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

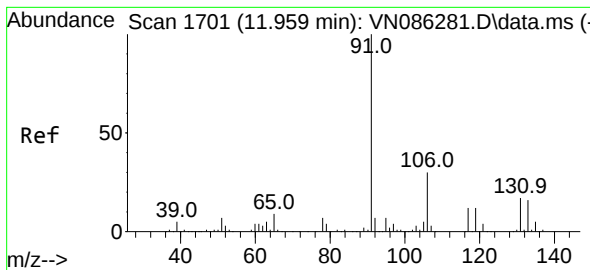


#66
1,1,1,2-Tetrachloroethane
Concen: 18.880 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39



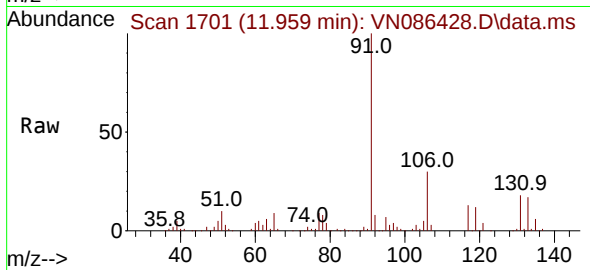
Tgt Ion:131 Resp: 50494
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.3
119 69.3 33.8 101.4





#67
Ethyl Benzene
Concen: 18.865 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

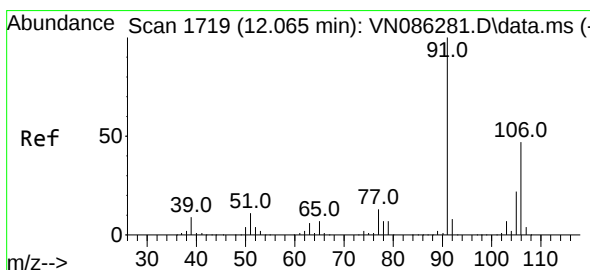
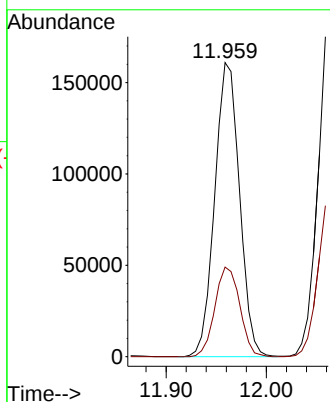
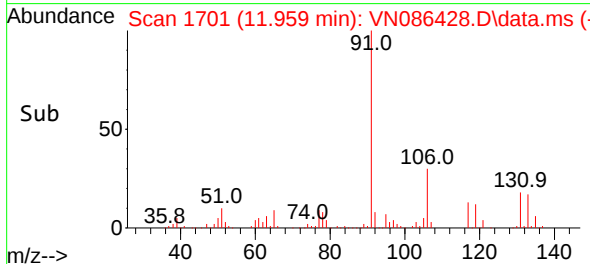
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01



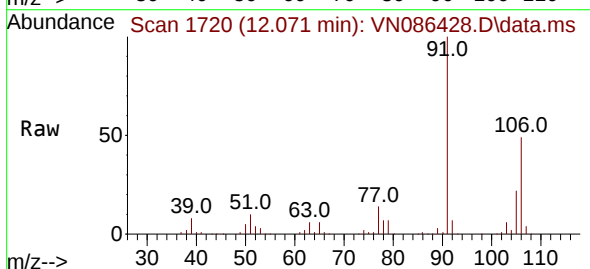
Tgt Ion: 91 Resp: 275990
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5

Manual Integrations
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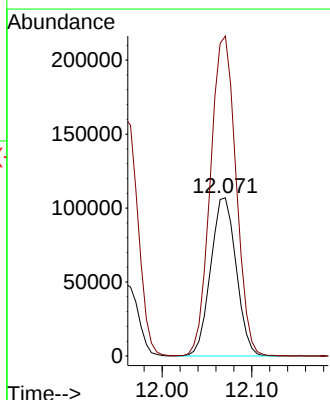
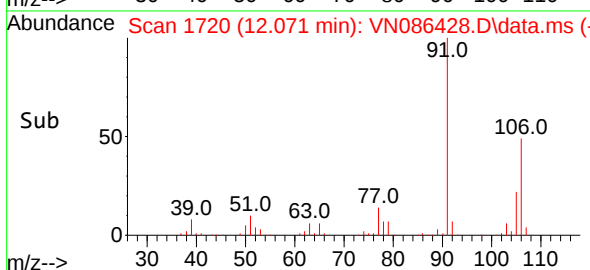
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

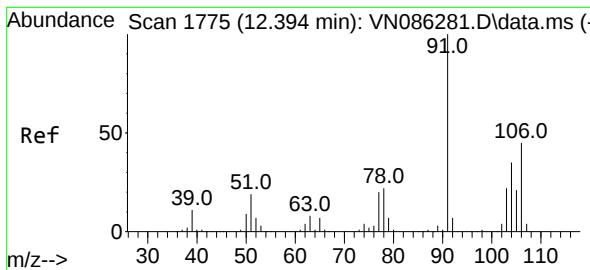


#68
m/p-Xylenes
Concen: 38.524 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39



Tgt Ion:106 Resp: 211174
Ion Ratio Lower Upper
106 100
91 203.5 166.5 249.7





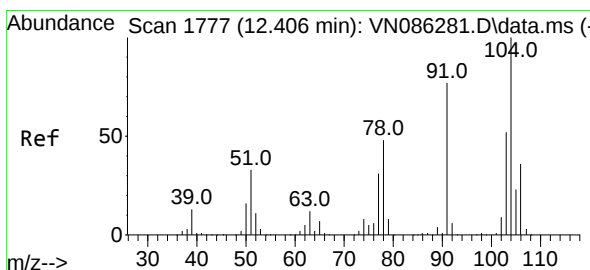
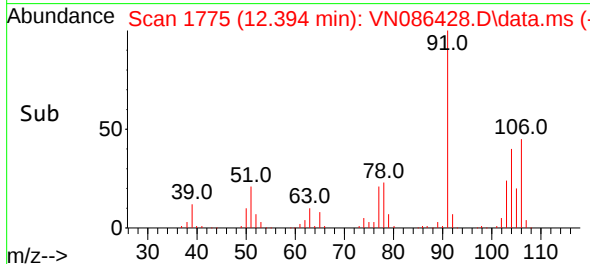
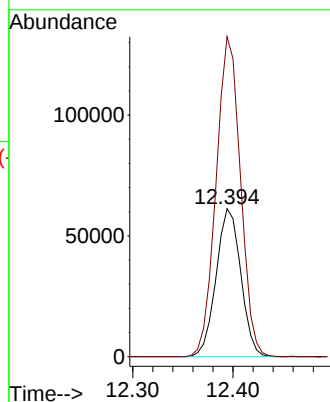
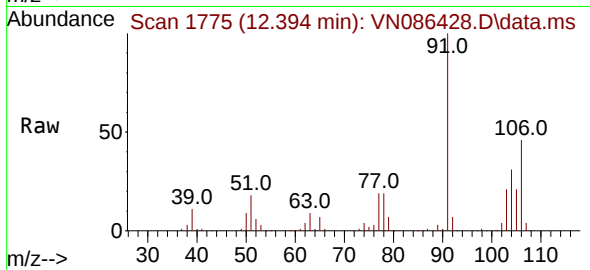
#69
o-Xylene
Concen: 19.251 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

Tgt Ion:106 Resp: 104359
Ion Ratio Lower Upper
106 100
91 214.1 109.7 329.0

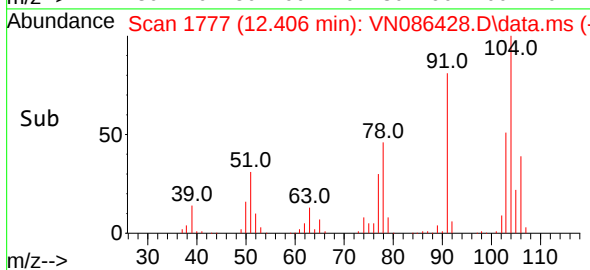
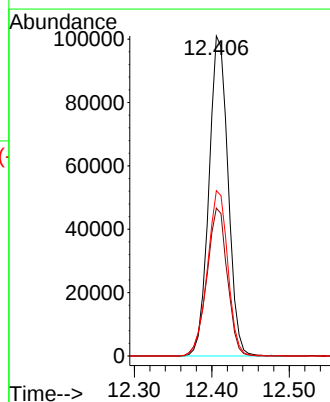
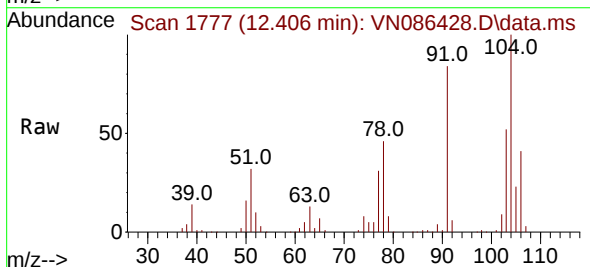
Manual Integrations
APPROVED

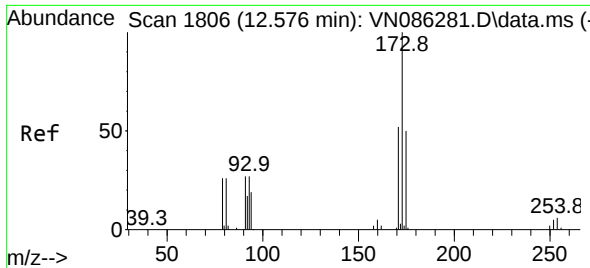
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#70
Styrene
Concen: 19.153 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

Tgt Ion:104 Resp: 173002
Ion Ratio Lower Upper
104 100
78 49.3 40.6 61.0
103 55.2 43.6 65.4





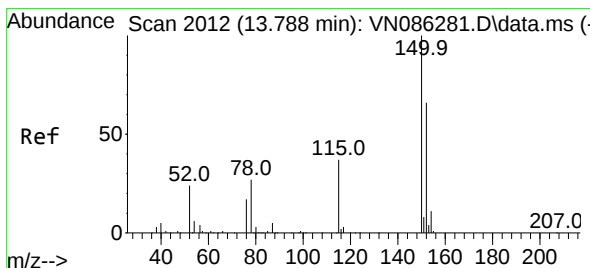
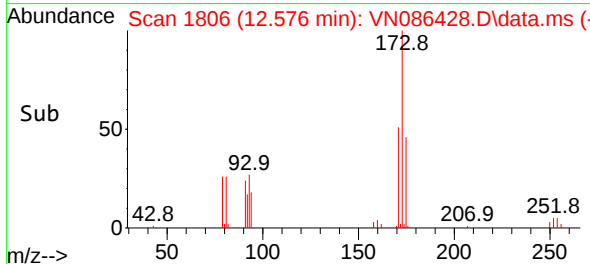
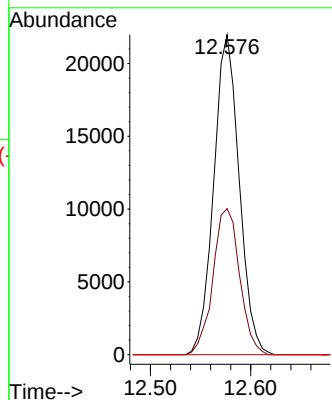
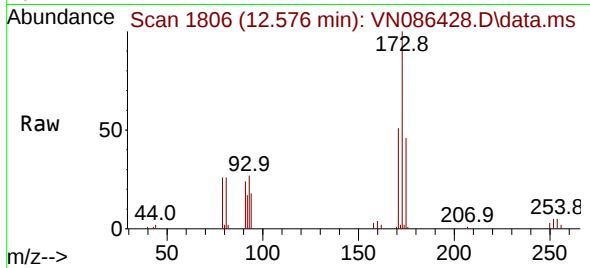
#71
Bromoform
Concen: 19.261 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

Tgt Ion:173 Resp: 3878
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.6
254 0.0 0.0 0.0

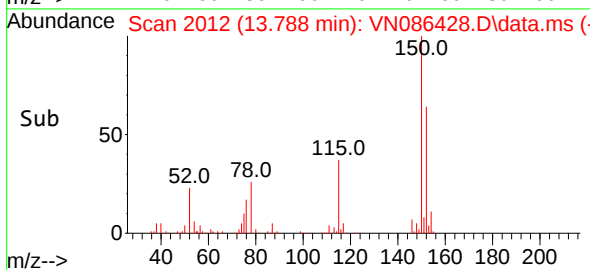
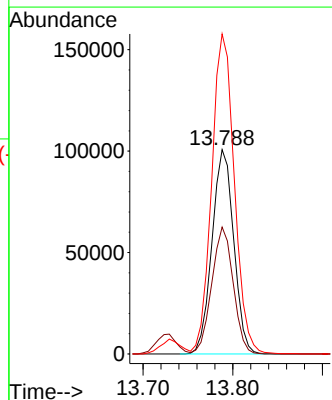
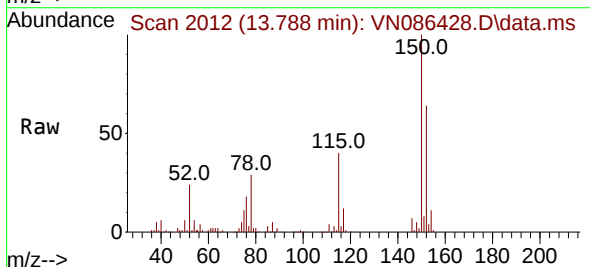
Manual Integrations
APPROVED

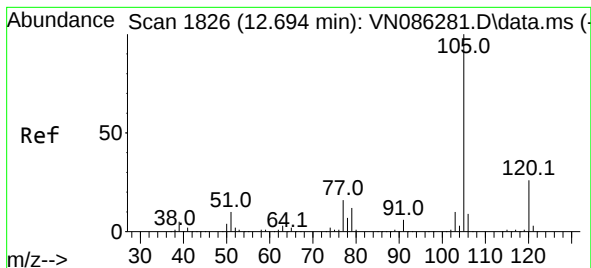
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

Tgt Ion:152 Resp: 169359
Ion Ratio Lower Upper
152 100
115 61.3 31.9 95.9
150 163.2 0.0 352.0





#73

Isopropylbenzene

Concen: 18.568 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN086428.D

Acq: 30 Apr 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

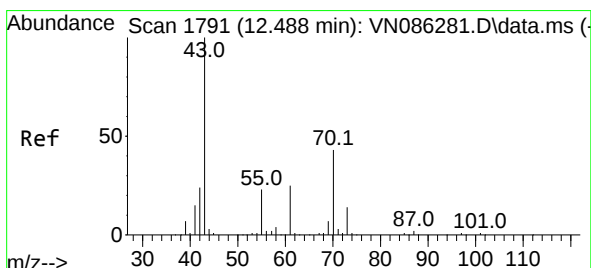
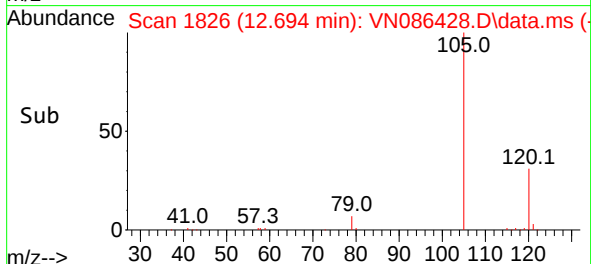
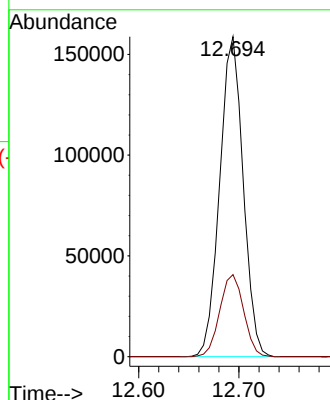
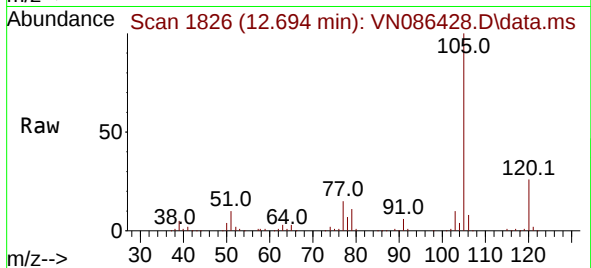
VN0430WBS01

Tgt Ion:105 Resp: 257244
 Ion Ratio Lower Upper
 105 100
 120 26.1 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025



#74

N-ethyl acetate

Concen: 16.388 ug/l

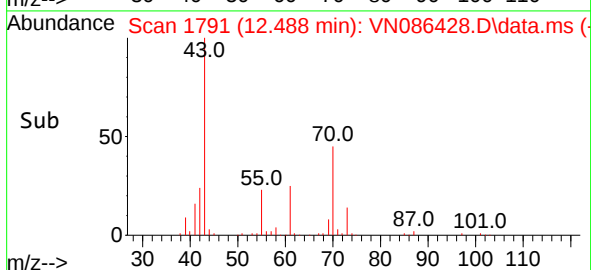
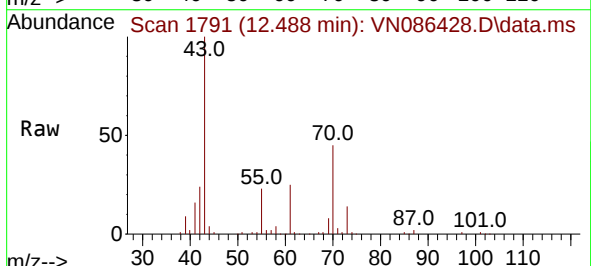
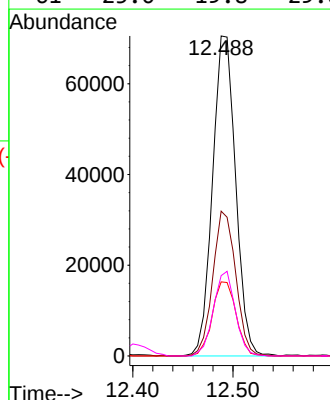
RT: 12.488 min Scan# 1791

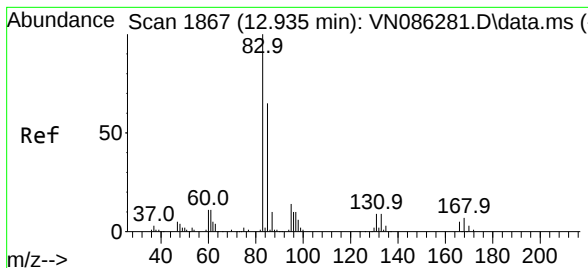
Delta R.T. 0.000 min

Lab File: VN086428.D

Acq: 30 Apr 2025 11:39

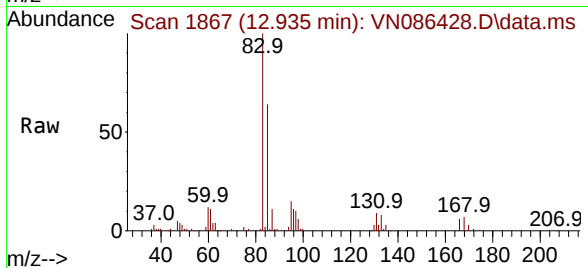
Tgt Ion: 43 Resp: 113027
 Ion Ratio Lower Upper
 43 100
 70 44.9 35.0 52.4
 55 23.9 19.0 28.4
 61 25.0 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 18.594 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

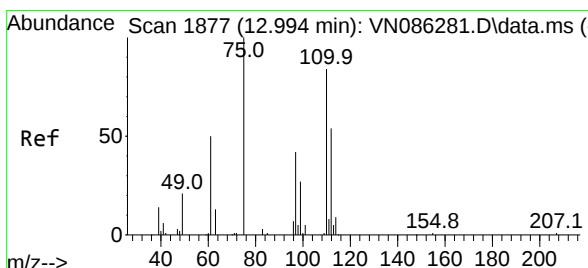
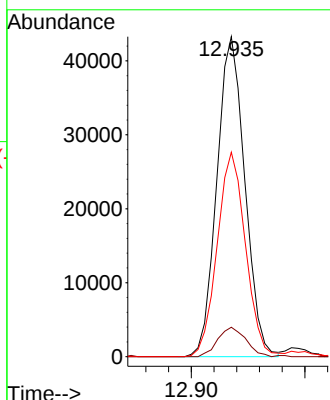
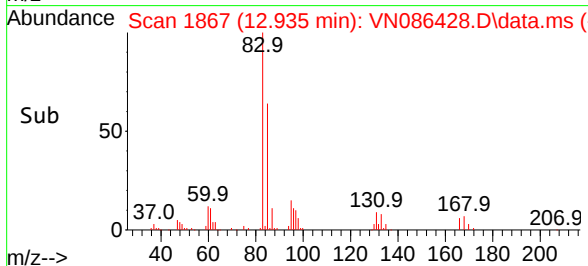
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01



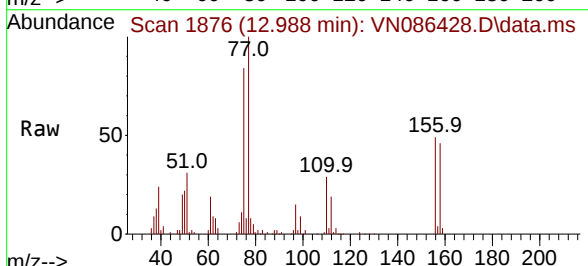
Tgt Ion: 83 Resp: 7406
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.1
85 64.7 32.7 98.1

Manual Integrations
APPROVED

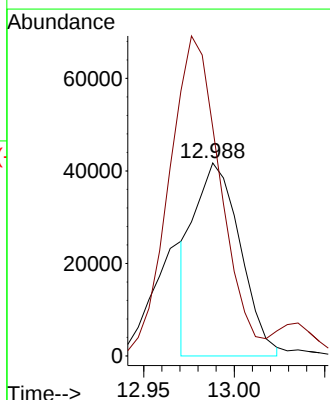
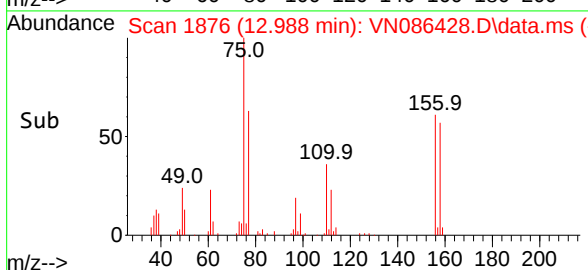
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#76
1,2,3-Trichloropropane
Concen: 18.510 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39



Tgt Ion: 75 Resp: 73976
Ion Ratio Lower Upper
75 100
77 185.5 98.8 296.4





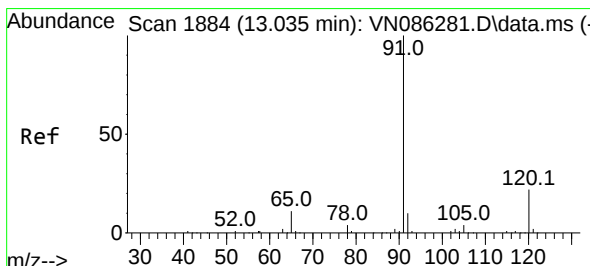
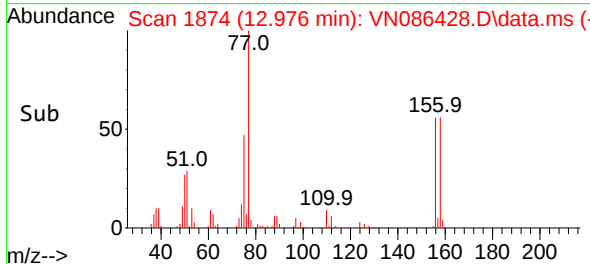
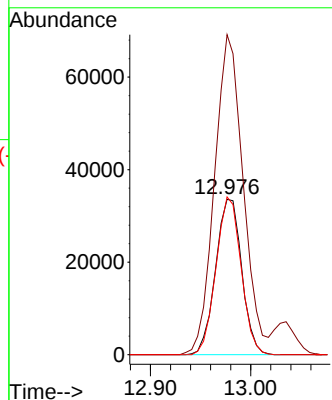
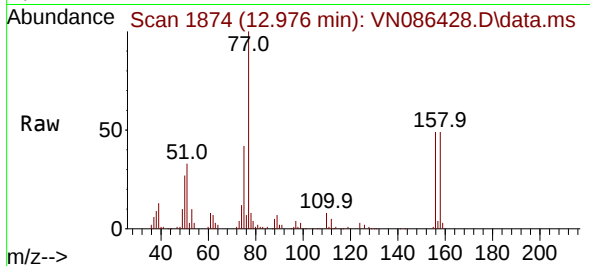
#77
Bromobenzene
Concen: 19.742 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

Tgt Ion:156 Resp: 60600
Ion Ratio Lower Upper
156 100
77 226.4 121.1 363.1
158 97.4 47.9 143.6

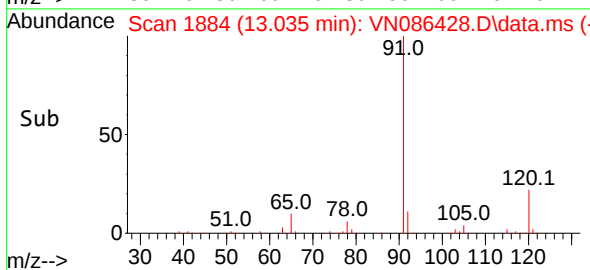
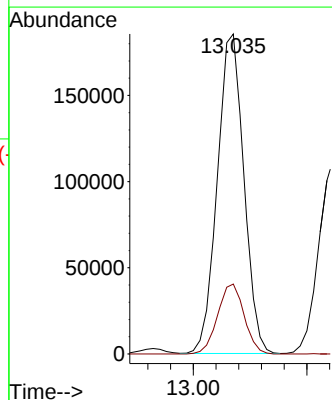
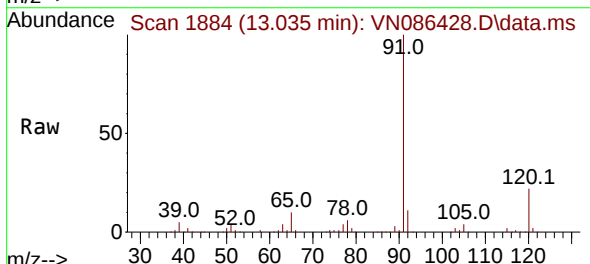
Manual Integrations
APPROVED

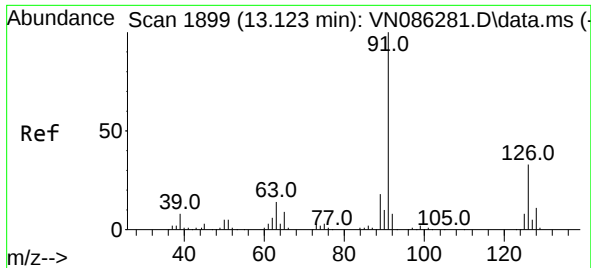
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#78
n-propylbenzene
Concen: 18.434 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

Tgt Ion: 91 Resp: 300932
Ion Ratio Lower Upper
91 100
120 21.8 11.1 33.3





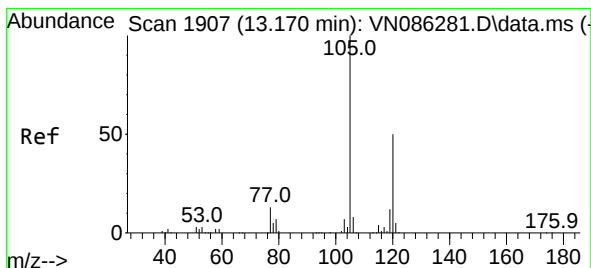
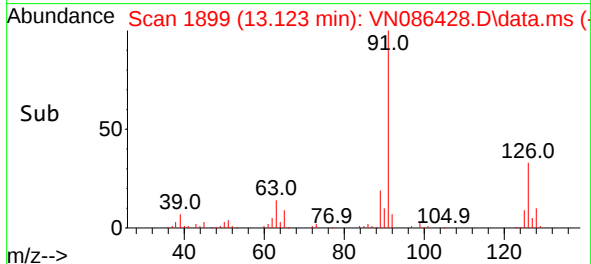
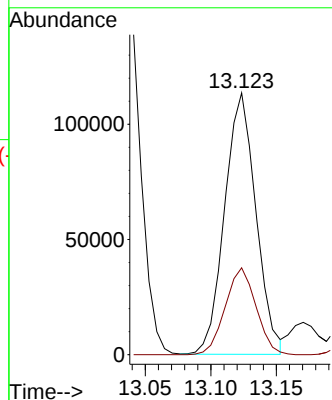
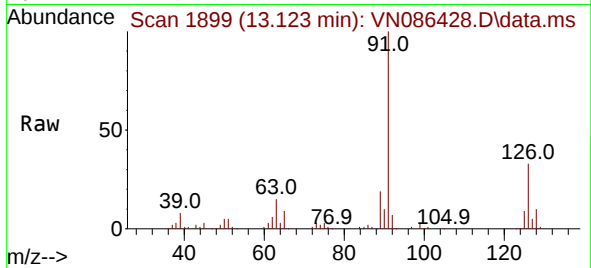
#79
2-Chlorotoluene
Concen: 18.449 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

Tgt Ion: 91 Resp: 188460
Ion Ratio Lower Upper
91 100
126 32.7 16.1 48.2

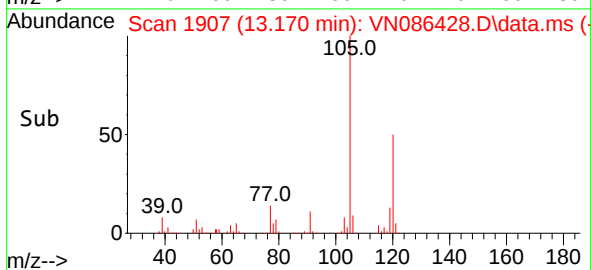
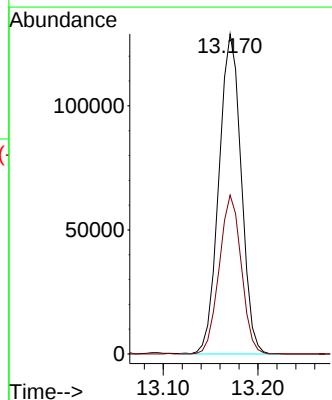
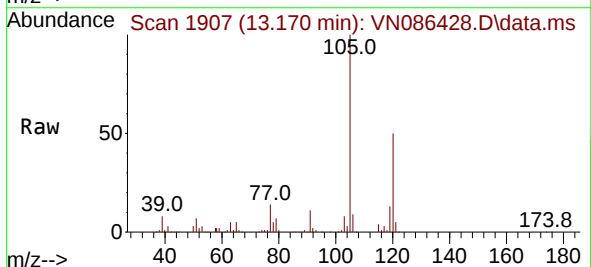
Manual Integrations
APPROVED

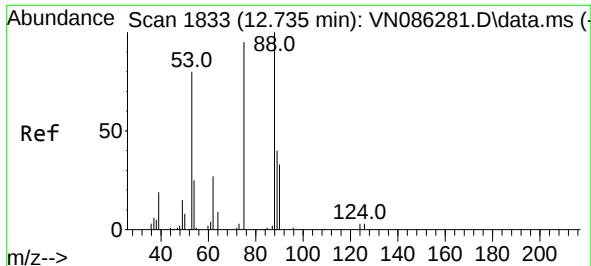
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.625 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

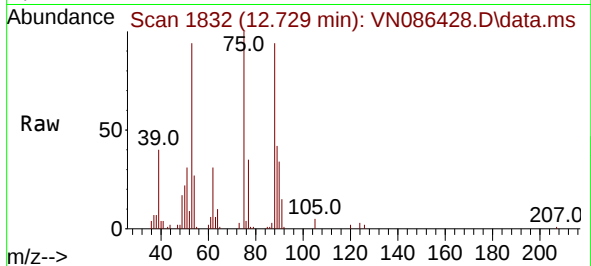
Tgt Ion:105 Resp: 211192
Ion Ratio Lower Upper
105 100
120 49.1 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 20.021 ug/l
RT: 12.729 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

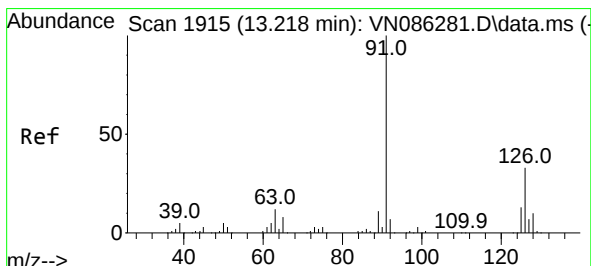
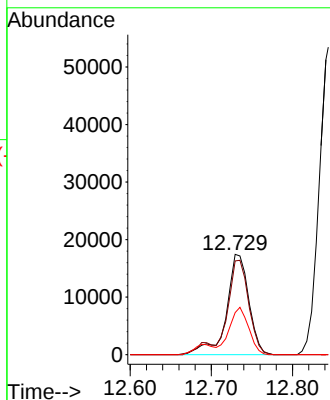
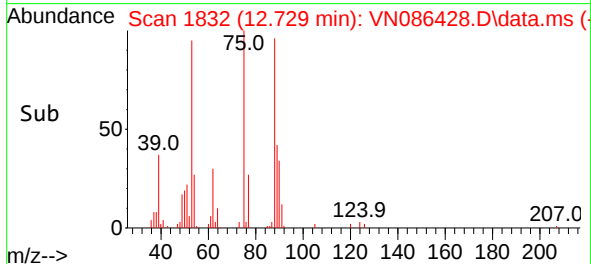
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01



Tgt Ion: 75 Resp: 33318
Ion Ratio Lower Upper
75 100
53 84.7 79.2 118.8
89 41.1 35.7 53.5

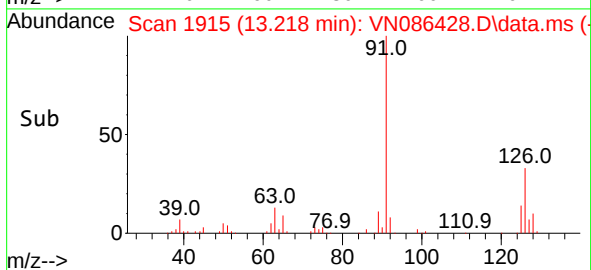
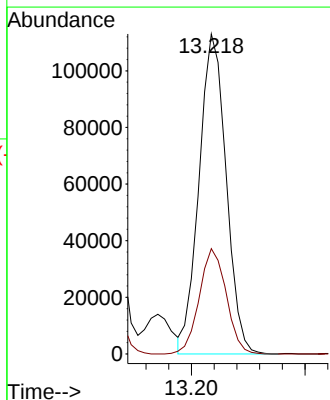
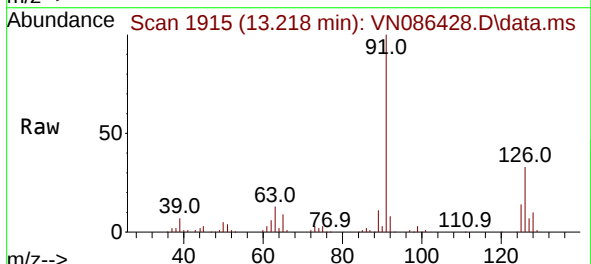
Manual Integrations
APPROVED

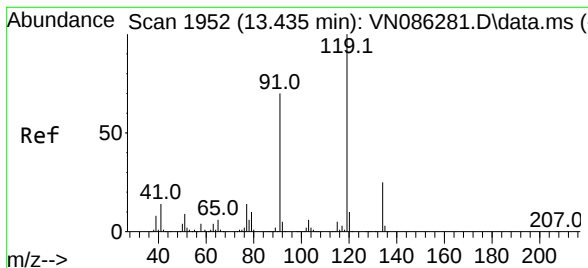
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#82
4-Chlorotoluene
Concen: 18.457 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

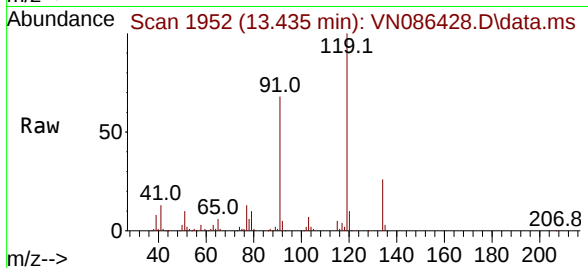
Tgt Ion: 91 Resp: 187297
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6





#83
 tert-Butylbenzene
 Concen: 18.779 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN086428.D
 Acq: 30 Apr 2025 11:39

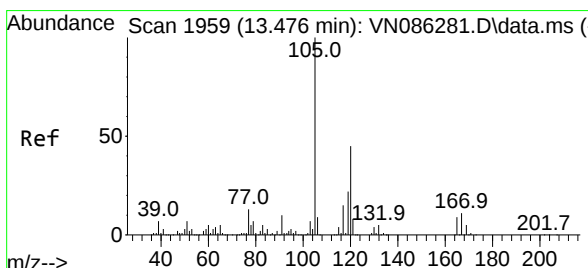
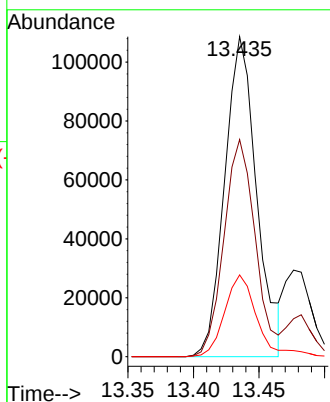
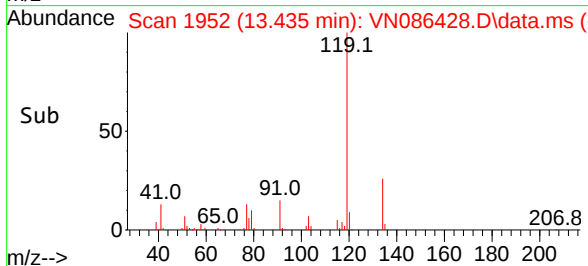
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBS01



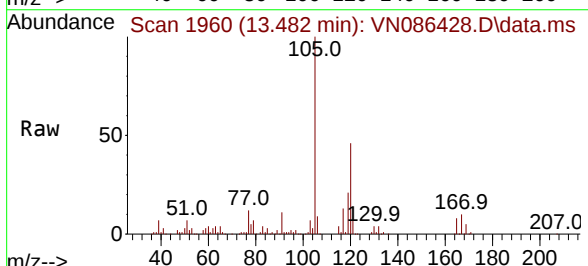
Tgt Ion:119 Resp: 18450
 Ion Ratio Lower Upper
 119 100
 91 66.5 34.4 103.3
 134 25.9 13.0 39.0

Manual Integrations
 APPROVED

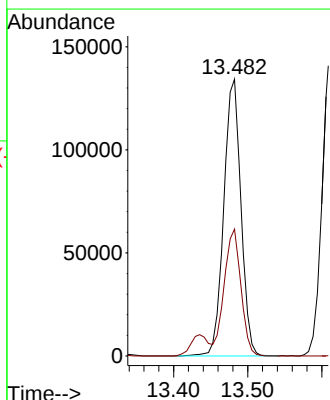
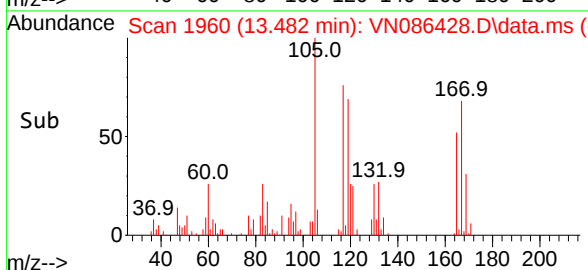
Reviewed By :John Carlone 05/02/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025

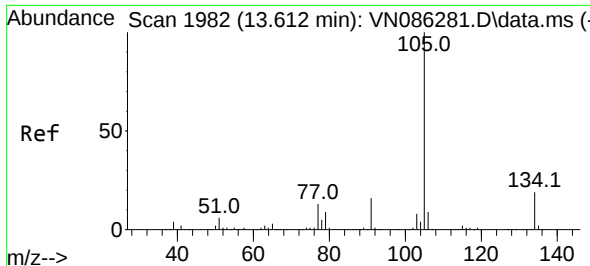


#84
 1,2,4-Trimethylbenzene
 Concen: 18.703 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN086428.D
 Acq: 30 Apr 2025 11:39



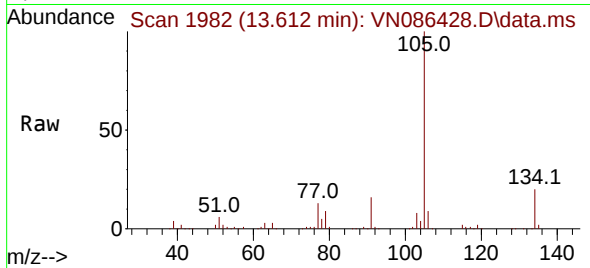
Tgt Ion:105 Resp: 215869
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.3





#85
sec-Butylbenzene
Concen: 18.388 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

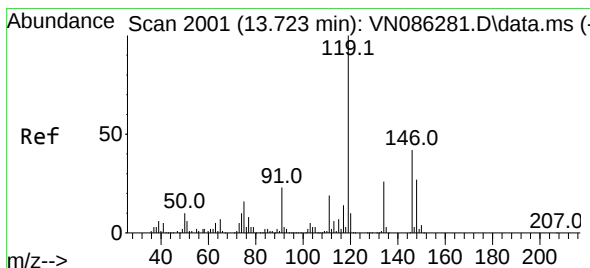
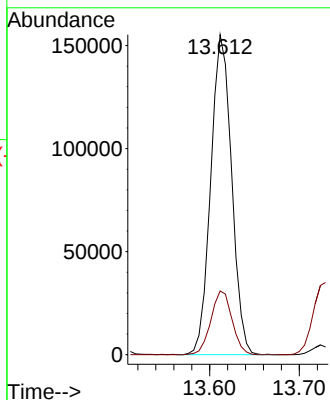
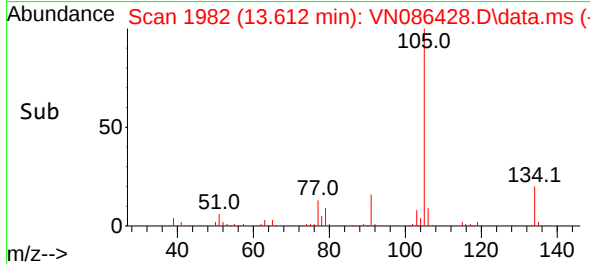
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01



Tgt Ion:105 Resp: 25058
Ion Ratio Lower Upper
105 100
134 20.2 9.7 29.1

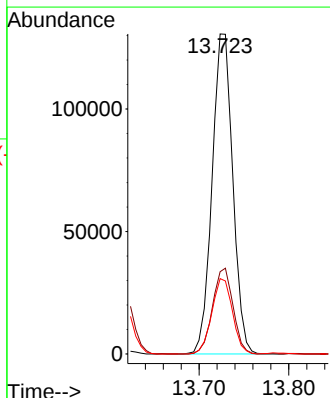
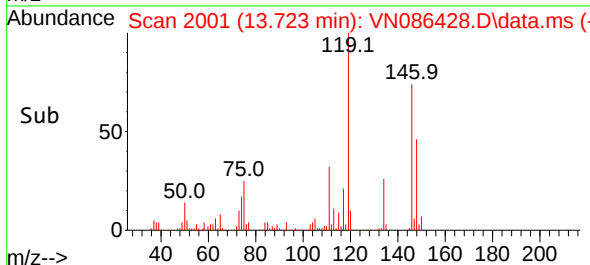
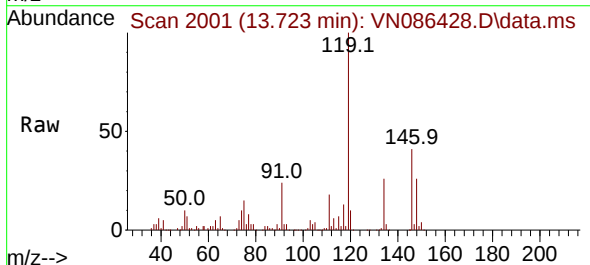
Manual Integrations
APPROVED

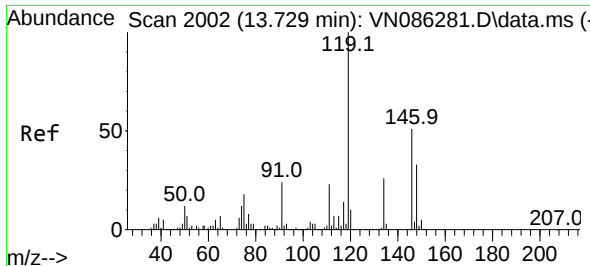
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#86
p-Isopropyltoluene
Concen: 18.617 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

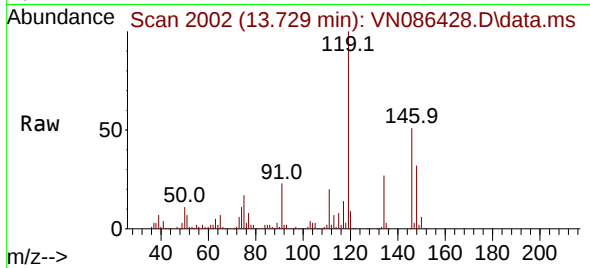
Tgt Ion:119 Resp: 209125
Ion Ratio Lower Upper
119 100
134 26.5 13.1 39.1
91 23.5 11.9 35.9





#87
1,3-Dichlorobenzene
Concen: 19.197 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

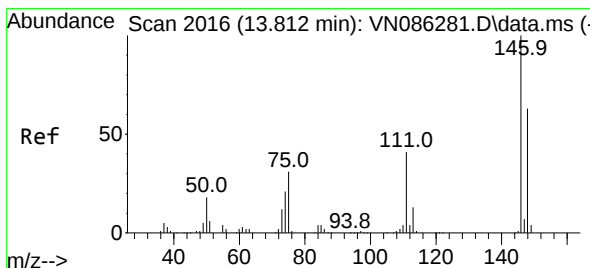
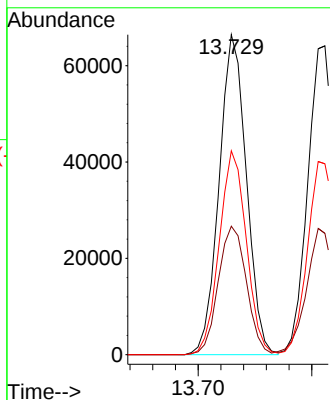
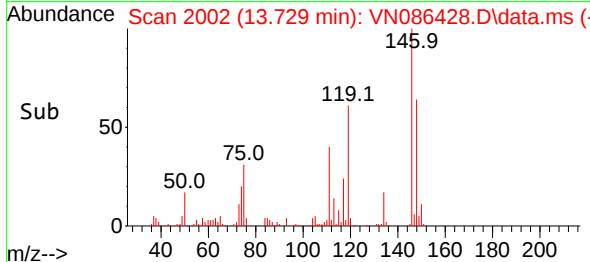
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01



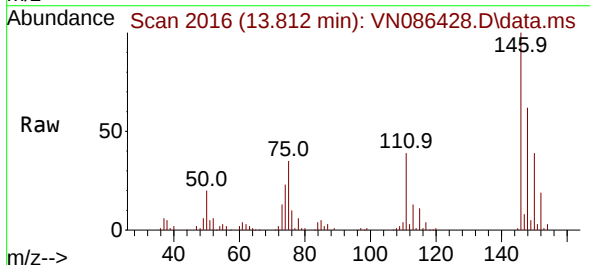
Tgt Ion:146 Resp: 110774
Ion Ratio Lower Upper
146 100
111 41.5 21.9 65.7
148 63.3 31.9 95.5

Manual Integrations
APPROVED

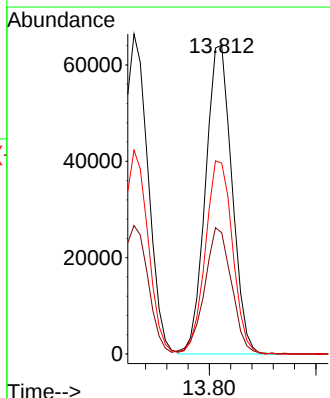
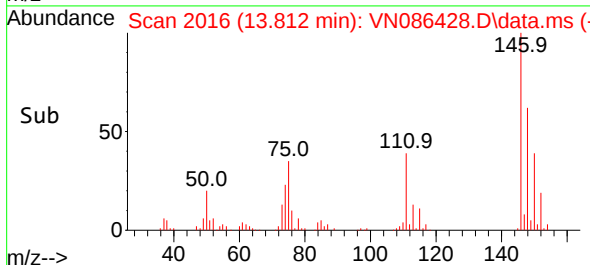
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

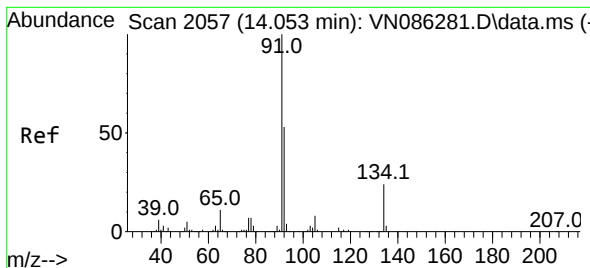


#88
1,4-Dichlorobenzene
Concen: 19.007 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39



Tgt Ion:146 Resp: 110474
Ion Ratio Lower Upper
146 100
111 41.9 21.3 63.9
148 64.3 31.9 95.9





#89

n-Butylbenzene

Concen: 17.892 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086428.D

Acq: 30 Apr 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBS01

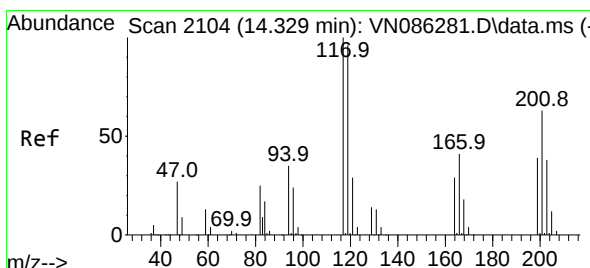
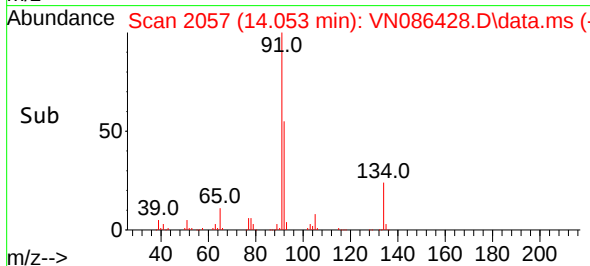
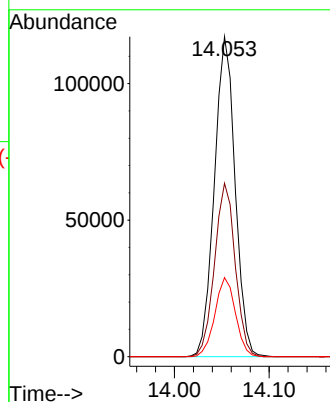
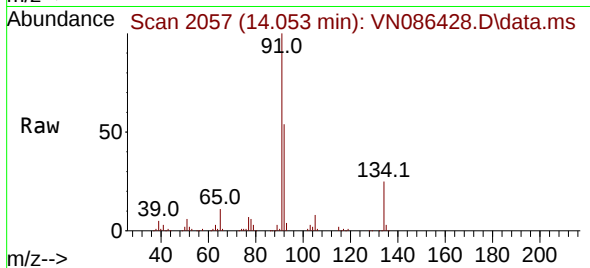
Tgt Ion:	91	Resp:	17814
Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.8	80.4
134	24.5	12.2	36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#90

Hexachloroethane

Concen: 18.168 ug/l

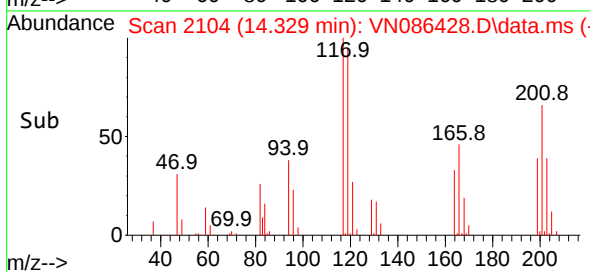
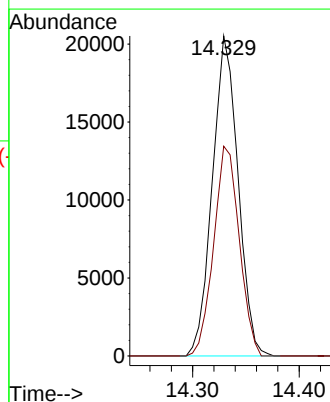
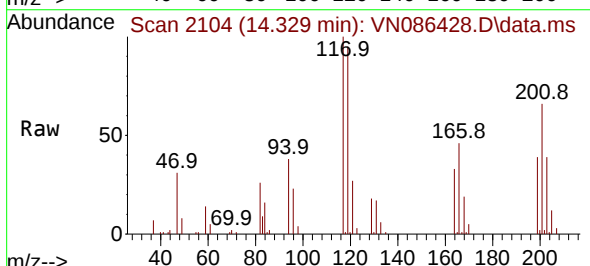
RT: 14.329 min Scan# 2104

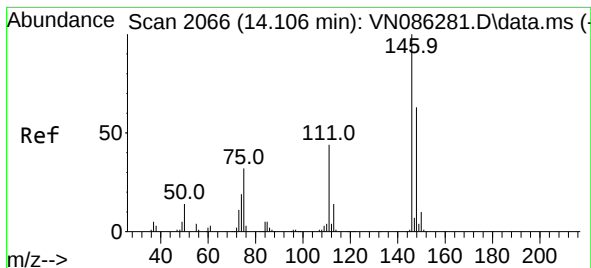
Delta R.T. 0.000 min

Lab File: VN086428.D

Acq: 30 Apr 2025 11:39

Tgt Ion:	117	Resp:	34327
Ion	Ratio	Lower	Upper
117	100		
201	65.4	31.4	94.2





#91

1,2-Dichlorobenzene

Concen: 19.221 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN086428.D

Acq: 30 Apr 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBS01

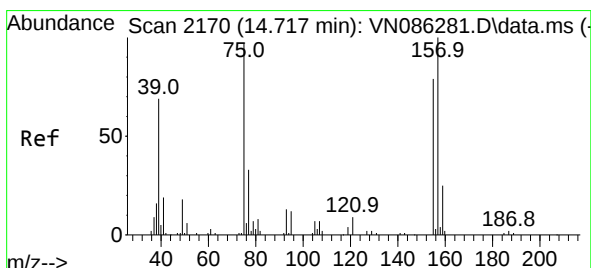
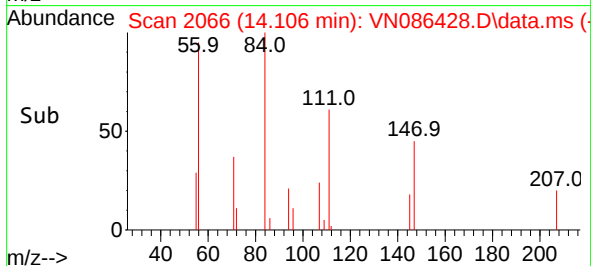
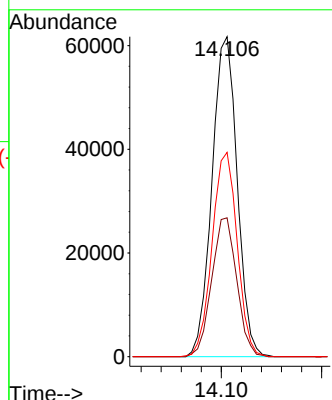
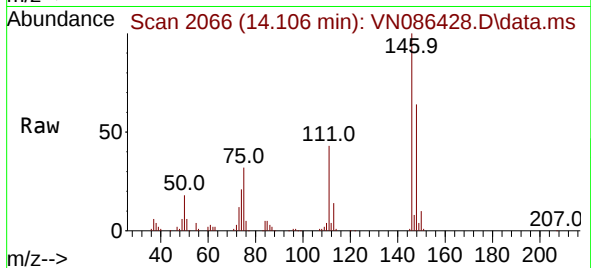
Tgt Ion:	146	Resp:	10753
Ion Ratio	Lower	Upper	
146	100		
111	43.1	22.4	67.0
148	63.5	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.344 ug/l

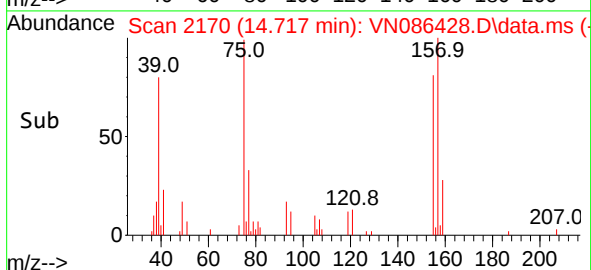
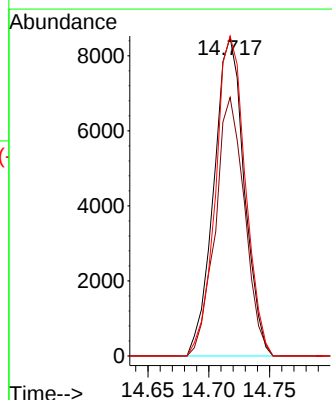
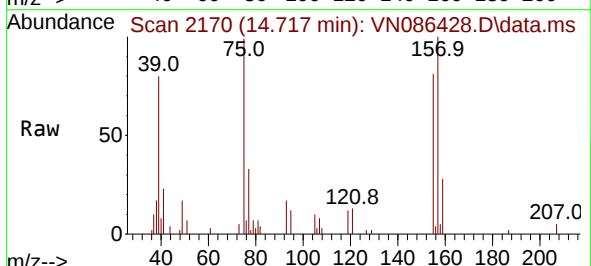
RT: 14.717 min Scan# 2170

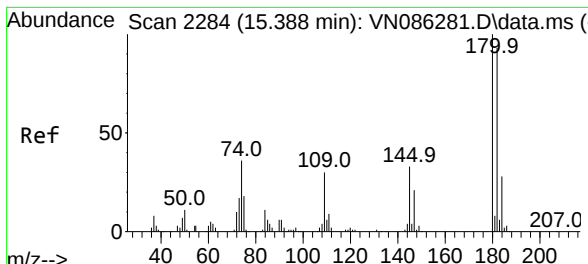
Delta R.T. 0.000 min

Lab File: VN086428.D

Acq: 30 Apr 2025 11:39

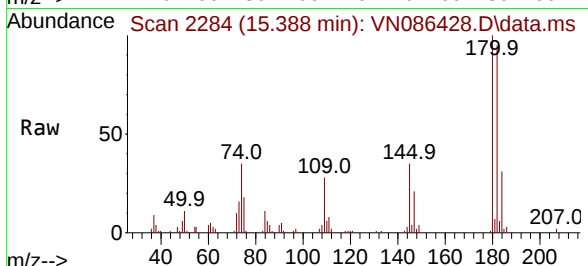
Tgt Ion:	75	Resp:	14734
Ion Ratio	Lower	Upper	
75	100		
155	78.4	40.3	120.9
157	98.6	49.0	147.2





#93
1,2,4-Trichlorobenzene
Concen: 18.210 ug/l
RT: 15.388 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

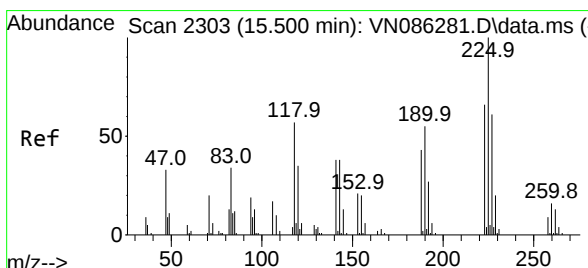
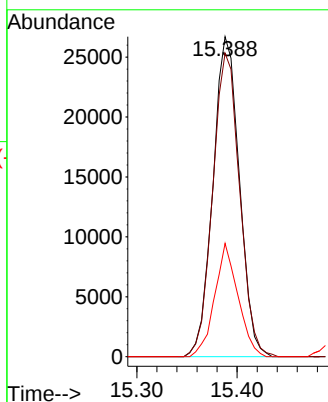
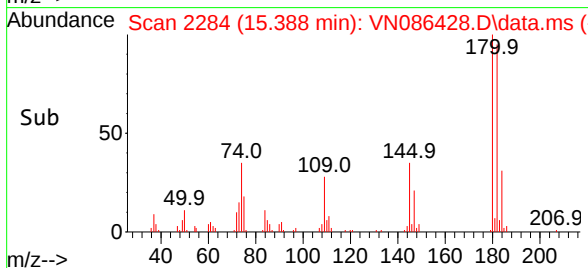
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01



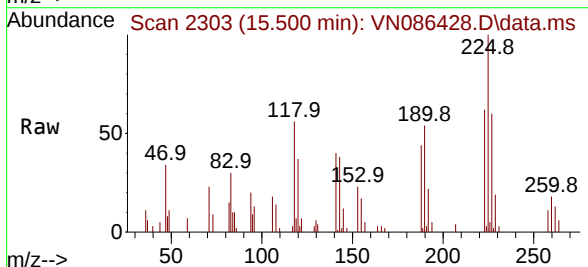
Tgt Ion:180 Resp: 4878
Ion Ratio Lower Upper
180 100
182 96.7 47.0 141.0
145 31.4 16.4 49.1

Manual Integrations
APPROVED

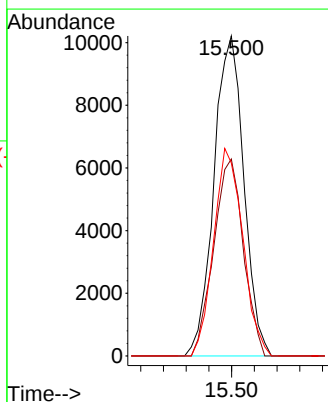
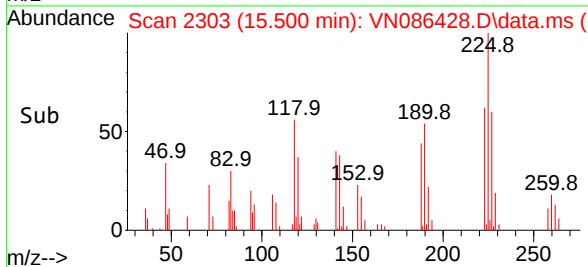
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

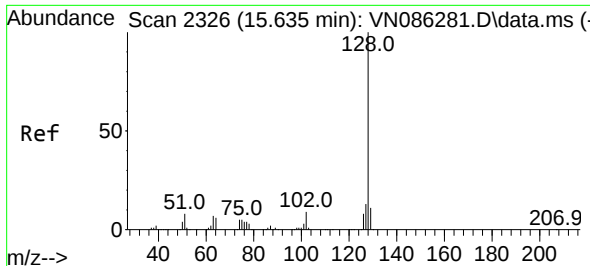


#94
Hexachlorobutadiene
Concen: 18.436 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39



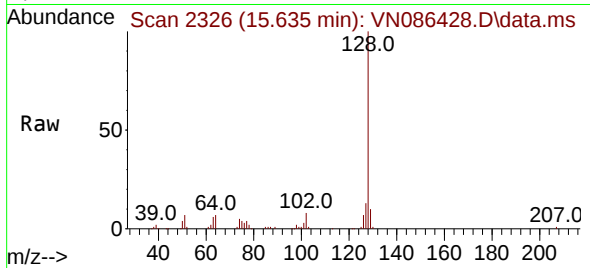
Tgt Ion:225 Resp: 18644
Ion Ratio Lower Upper
225 100
223 61.1 32.8 98.3
227 63.4 31.4 94.0





#95
Naphthalene
Concen: 17.581 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

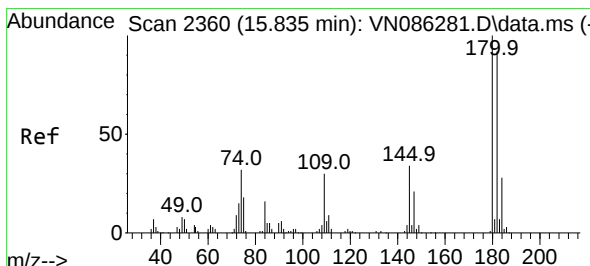
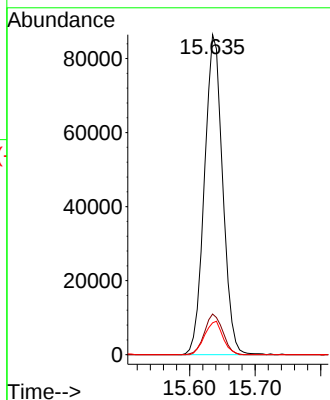
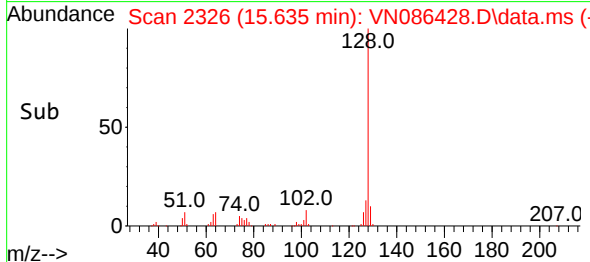
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01



Tgt Ion:128 Resp: 166958
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.5 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.466 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086428.D
Acq: 30 Apr 2025 11:39

Tgt Ion:180 Resp: 46834
Ion Ratio Lower Upper
180 100
182 92.0 47.3 142.0
145 33.5 17.2 51.5

