

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
 Data File : VN084261.D
 Acq On : 02 Oct 2024 13:45
 Operator : JC\MD
 Sample : VN1002WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/03/2024
 Supervised By : Semsettin Yesilyurt 10/03/2024

Quant Time: Oct 03 01:58:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.223	168	156559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	243364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117449	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	120781	52.032	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.060%
35) Dibromofluoromethane	8.171	113	91244	51.099	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.200%
50) Toluene-d8	10.564	98	343983	52.361	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.720%
62) 4-Bromofluorobenzene	12.847	95	121355	50.705	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	33436	18.055	ug/l	97
3) Chloromethane	2.359	50	40497	19.152	ug/l	99
4) Vinyl Chloride	2.518	62	38590	18.841	ug/l	96
5) Bromomethane	2.959	94	25431	18.824	ug/l	91
6) Chloroethane	3.124	64	24809	16.913	ug/l	96
7) Trichlorofluoromethane	3.500	101	59432	18.634	ug/l	100
8) Diethyl Ether	3.959	74	21103	17.840	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	35198	19.260	ug/l	100
10) Methyl Iodide	4.588	142	42784	18.179	ug/l	93
11) Tert butyl alcohol	5.518	59	34532	90.218	ug/l	99
12) 1,1-Dichloroethene	4.347	96	33022	18.733	ug/l	95
13) Acrolein	4.183	56	38786	88.267	ug/l	97
14) Allyl chloride	5.030	41	52993	17.310	ug/l	98
15) Acrylonitrile	5.718	53	97621	100.997	ug/l	96
16) Acetone	4.430	43	85039	85.280	ug/l	99
17) Carbon Disulfide	4.712	76	93763	16.800	ug/l	98
18) Methyl Acetate	5.030	43	45352	20.867	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	113328	19.048	ug/l	99
20) Methylene Chloride	5.277	84	38511	18.999	ug/l	92
21) trans-1,2-Dichloroethene	5.788	96	34629	18.751	ug/l	95
22) Diisopropyl ether	6.671	45	125589	19.833	ug/l	95
23) Vinyl Acetate	6.606	43	466257	99.274	ug/l	99
24) 1,1-Dichloroethane	6.565	63	69560	19.643	ug/l	100
25) 2-Butanone	7.482	43	128784	94.822	ug/l	95
26) 2,2-Dichloropropane	7.488	77	57218	17.920	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	40867	18.313	ug/l	98
28) Bromochloromethane	7.818	49	35407	22.409	ug/l	99
29) Tetrahydrofuran	7.835	42	83780	99.959	ug/l	100
30) Chloroform	7.965	83	70456	19.154	ug/l	95
31) Cyclohexane	8.259	56	60877	17.706	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	64248	19.448	ug/l	95
36) 1,1-Dichloropropene	8.371	75	49801	19.201	ug/l	98
37) Ethyl Acetate	7.565	43	52813	19.848	ug/l	99
38) Carbon Tetrachloride	8.359	117	54846	19.277	ug/l	95
39) Methylcyclohexane	9.600	83	52107	18.051	ug/l	95
40) Benzene	8.606	78	157717	19.517	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.776	41	28127	19.471	ug/l	99
42) 1,2-Dichloroethane	8.671	62	54972	20.066	ug/l	100
43) Isopropyl Acetate	8.688	43	86402	16.578	ug/l	99
44) Trichloroethene	9.347	130	35910	19.026	ug/l	98
45) 1,2-Dichloropropane	9.617	63	39957	20.902	ug/l	98
46) Dibromomethane	9.712	93	27658	21.439	ug/l	99
47) Bromodichloromethane	9.888	83	57685	20.126	ug/l	99
48) Methyl methacrylate	9.682	41	40827	19.678	ug/l	99
49) 1,4-Dioxane	9.694	88	14553	381.010	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	266441	105.185	ug/l	97
52) Toluene	10.629	92	95608	19.402	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	56646	19.389	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	62373	19.848	ug/l	96
55) 1,1,2-Trichloroethane	11.017	97	36942	20.912	ug/l	96
56) Ethyl methacrylate	10.876	69	56851	19.558	ug/l	97
57) 1,3-Dichloropropane	11.159	76	64399	20.401	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	138529	102.732	ug/l	99
59) 2-Hexanone	11.194	43	190943	100.855	ug/l	100
60) Dibromochloromethane	11.359	129	43452	20.818	ug/l	98
61) 1,2-Dibromoethane	11.470	107	36835	20.067	ug/l	99
64) Tetrachloroethene	11.106	164	32011	18.885	ug/l	99
65) Chlorobenzene	11.894	112	103501	19.181	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	36387	19.578	ug/l	99
67) Ethyl Benzene	11.964	91	175756	18.418	ug/l	98
68) m/p-Xylenes	12.070	106	135425	38.365	ug/l	100
69) o-Xylene	12.400	106	65693	19.670	ug/l	96
70) Styrene	12.411	104	111528	19.716	ug/l	98
71) Bromoform	12.582	173	27303	19.953	ug/l #	98
73) Isopropylbenzene	12.694	105	161612	18.032	ug/l	100
74) N-amyl acetate	12.494	43	74683	18.402	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	52453	19.464	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	44809m	18.688	ug/l	
77) Bromobenzene	12.982	156	40400	18.688	ug/l	99
78) n-propylbenzene	13.035	91	192701	18.558	ug/l	99
79) 2-Chlorotoluene	13.123	91	125248	18.902	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	141086	19.298	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17605	17.603	ug/l	98
82) 4-Chlorotoluene	13.223	91	123739	18.551	ug/l	99
83) tert-Butylbenzene	13.435	119	117286	18.050	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	142239	19.313	ug/l	100
85) sec-Butylbenzene	13.617	105	164347	18.954	ug/l	100
86) p-Isopropyltoluene	13.729	119	134378	18.742	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	76508	18.865	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	75945	18.543	ug/l	100
89) n-Butylbenzene	14.053	91	113476	17.454	ug/l	98
90) Hexachloroethane	14.335	117	26127	17.952	ug/l	99
91) 1,2-Dichlorobenzene	14.105	146	73995	18.607	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10021	18.019	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	34768	17.750	ug/l	99
94) Hexachlorobutadiene	15.499	225	15833	16.209	ug/l	99
95) Naphthalene	15.641	128	105509	16.248	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	34503	17.597	ug/l	98

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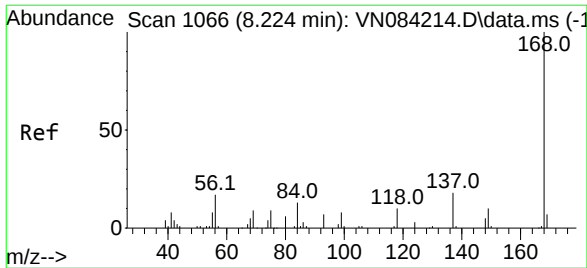
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024

Quant Time: Oct 03 01:58:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration

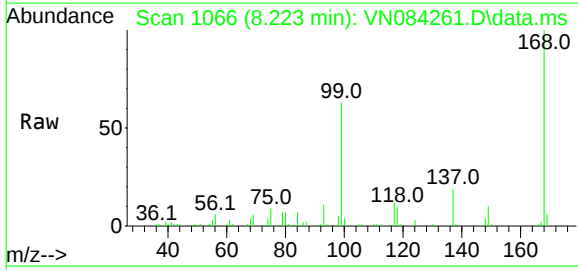
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 10
Delta R.T. -0.001 min
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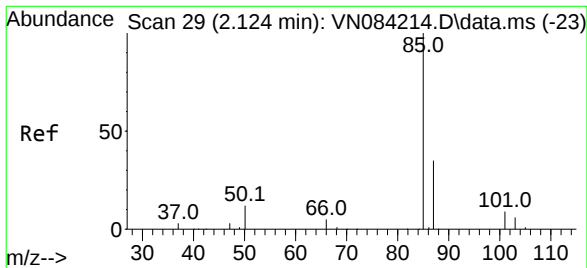
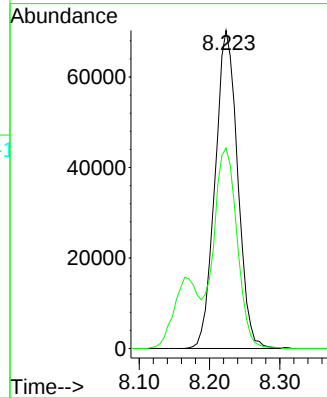
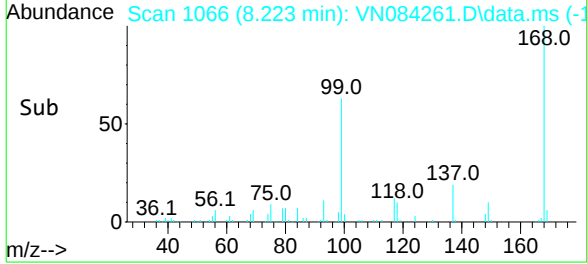
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01



Tgt Ion:168 Resp: 156559
Ion Ratio Lower Upper
168 100
99 62.7 54.2 81.2

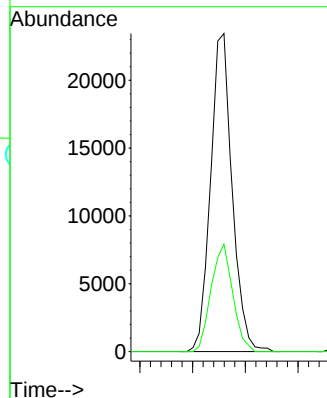
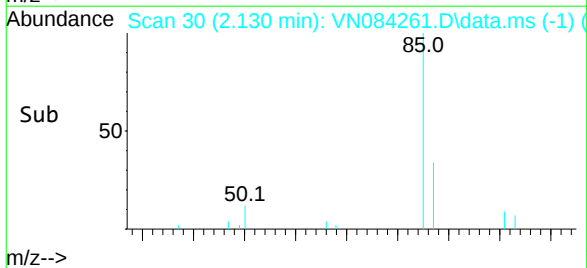
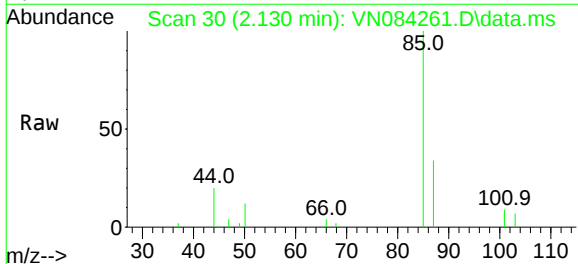
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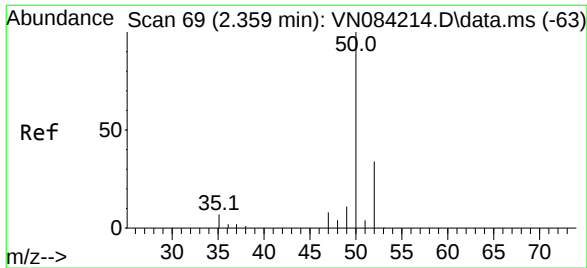
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#2
Dichlorodifluoromethane
Concen: 18.055 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

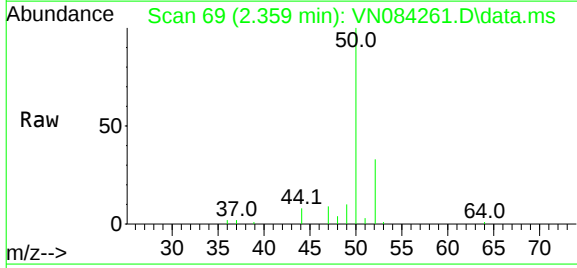
Tgt Ion: 85 Resp: 33436
Ion Ratio Lower Upper
85 100
87 33.8 17.6 52.9





#3
Chloromethane
Concen: 19.152 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

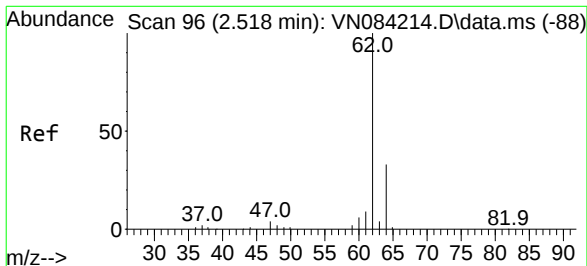
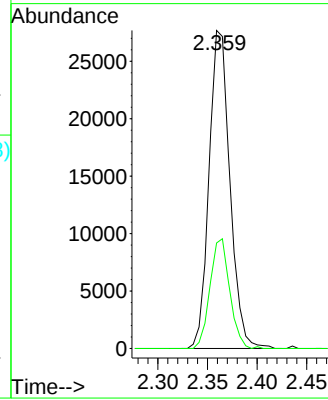
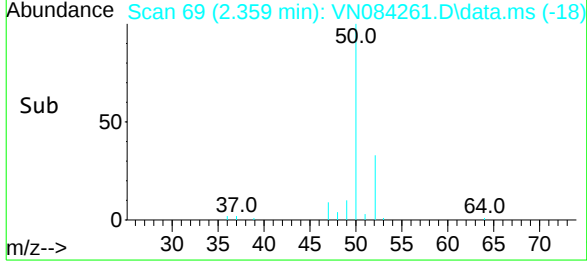
Instrument :
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Tgt Ion: 50 Resp: 40497
Ion Ratio Lower Upper
50 100
52 33.2 26.8 40.2

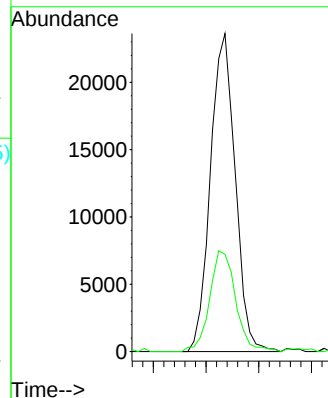
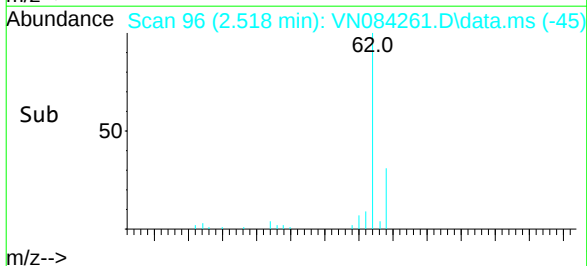
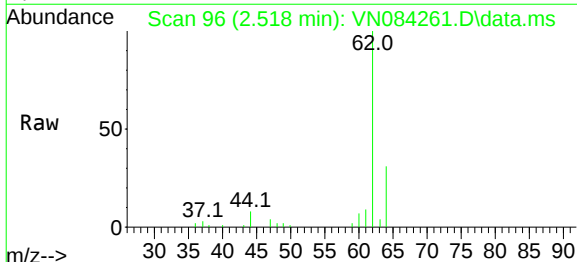
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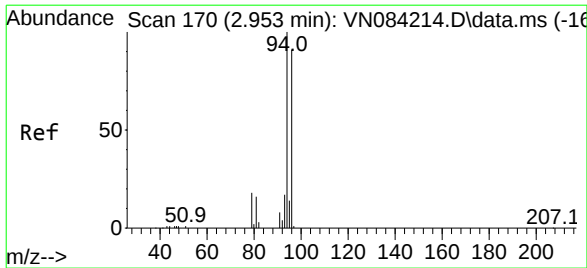
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#4
Vinyl Chloride
Concen: 18.841 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

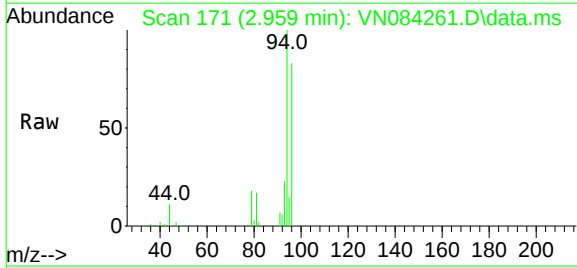
Tgt Ion: 62 Resp: 38590
Ion Ratio Lower Upper
62 100
64 30.5 26.2 39.4





#5
Bromomethane
Concen: 18.824 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

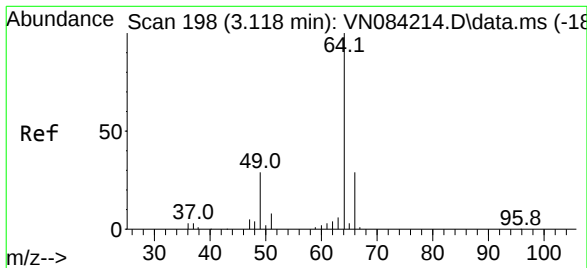
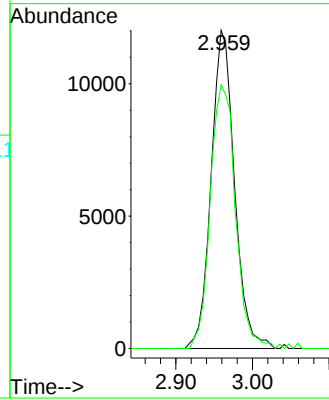
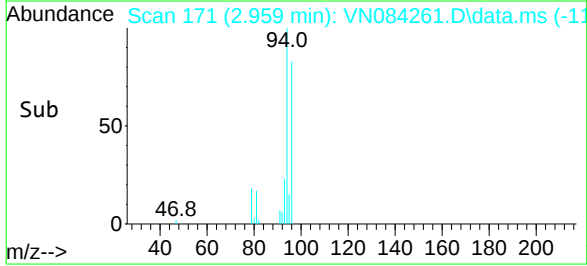
Instrument :
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Tgt Ion: 94 Resp: 25431
Ion Ratio Lower Upper
94 100
96 82.9 72.9 109.3

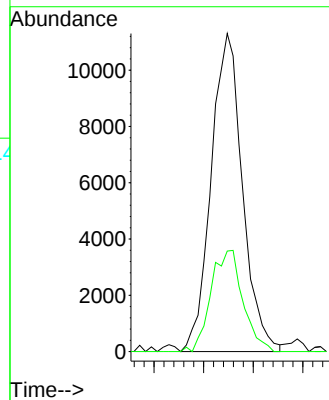
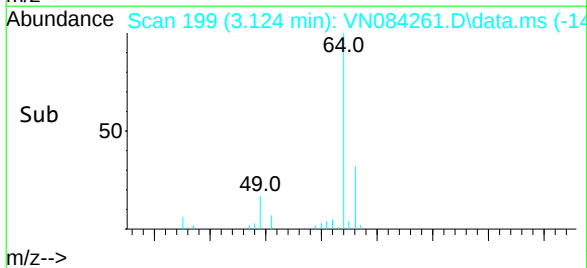
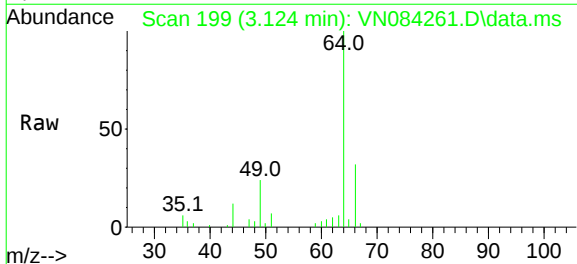
Manual Integrations
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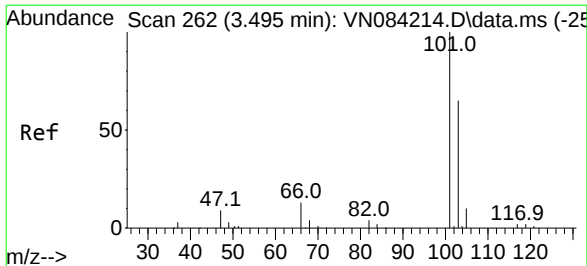
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#6
Chloroethane
Concen: 16.913 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

Tgt Ion: 64 Resp: 24809
Ion Ratio Lower Upper
64 100
66 31.6 23.5 35.3





#7

Trichlorofluoromethane

Concen: 18.634 ug/l

RT: 3.500 min Scan# 262

Delta R.T. 0.006 min

Lab File: VN084261.D

Acq: 02 Oct 2024 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

Tgt Ion:101 Resp: 59432

Ion Ratio Lower Upper

101 100

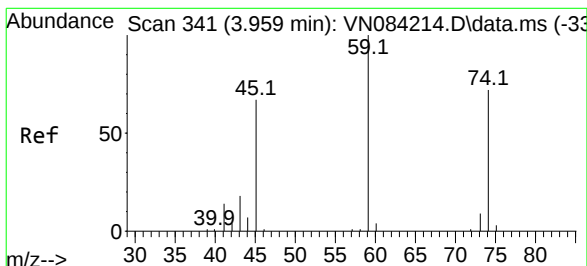
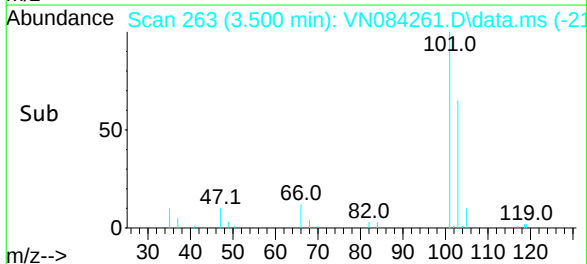
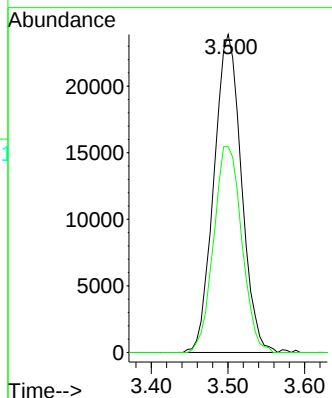
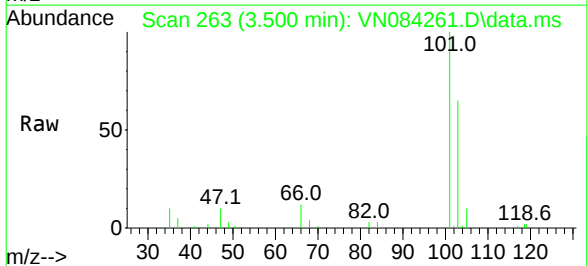
103 64.7 51.8 77.6

Manual Integrations

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Supervised By :Semsettin Yesilyurt 10/03/2024



#8

Diethyl Ether

Concen: 17.840 ug/l

RT: 3.959 min Scan# 341

Delta R.T. -0.000 min

Lab File: VN084261.D

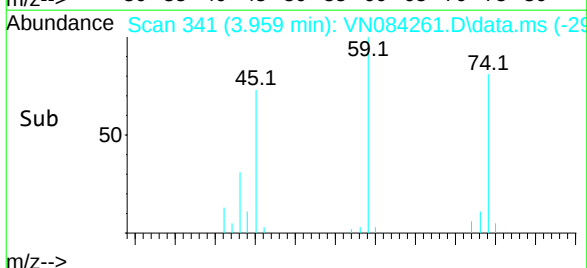
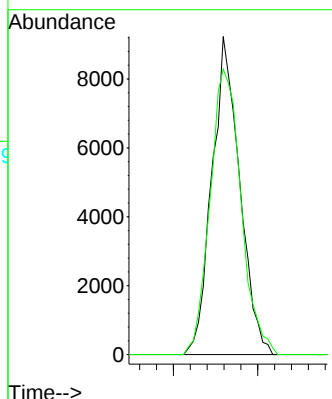
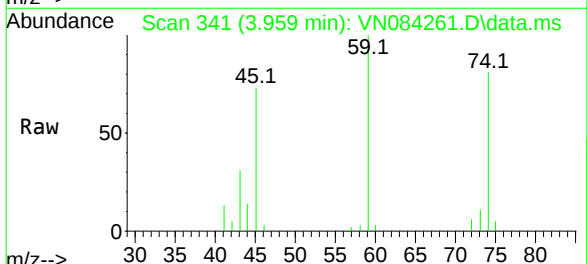
Acq: 02 Oct 2024 13:45

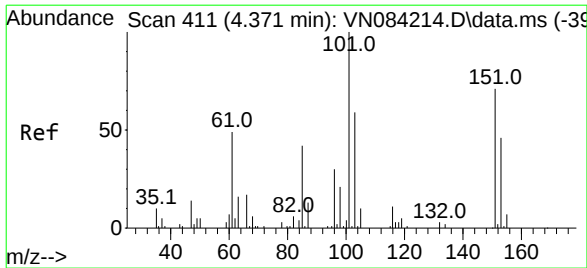
Tgt Ion: 74 Resp: 21103

Ion Ratio Lower Upper

74 100

45 100.2 47.7 143.1





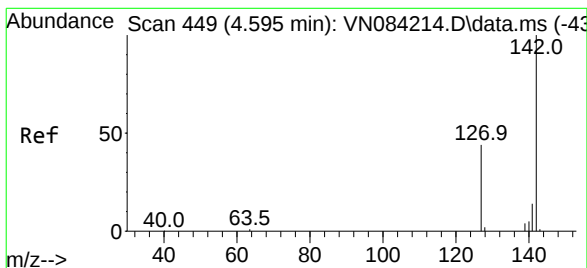
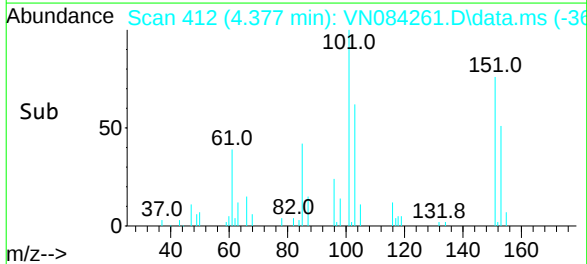
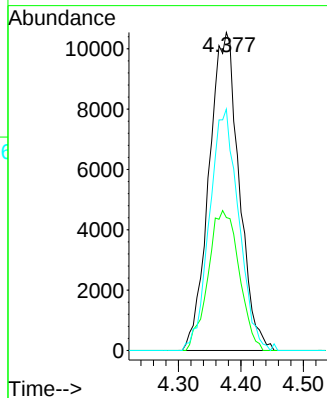
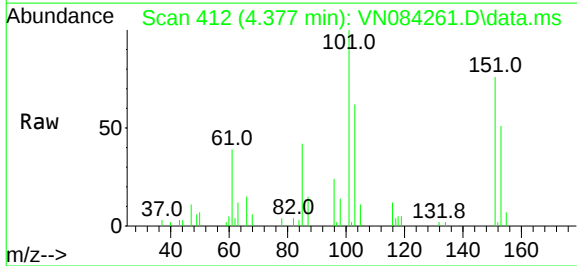
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.260 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tgt Ion:101 Resp: 35198
Ion Ratio Lower Upper
101 100
85 45.4 36.2 54.4
151 73.7 59.3 88.9

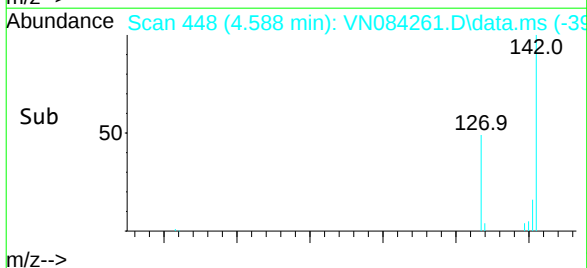
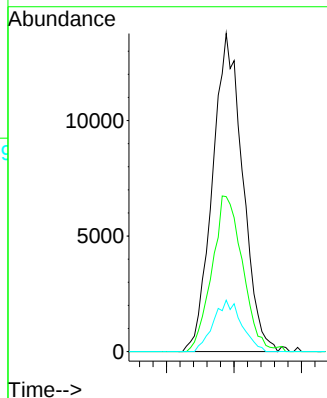
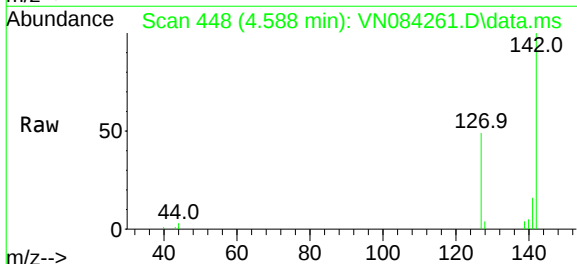
Manual Integrations
APPROVED

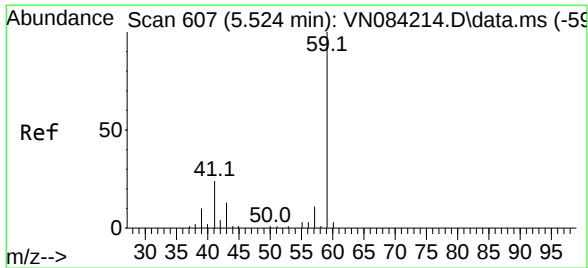
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#10
Methyl Iodide
Concen: 18.179 ug/l
RT: 4.588 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

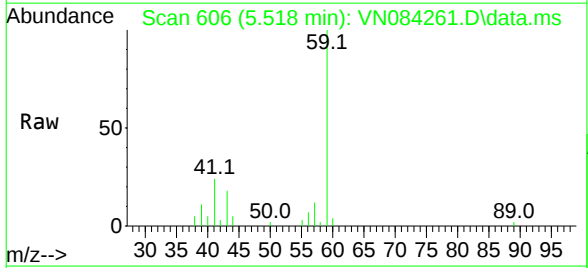
Tgt Ion:142 Resp: 42784
Ion Ratio Lower Upper
142 100
127 48.7 35.3 52.9
141 16.2 11.0 16.6





#11
Tert butyl alcohol
Concen: 90.218 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

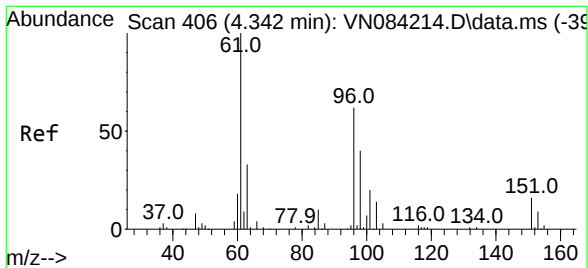
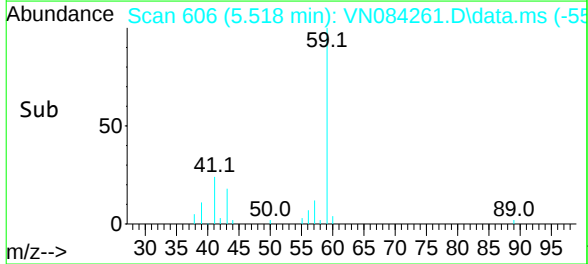
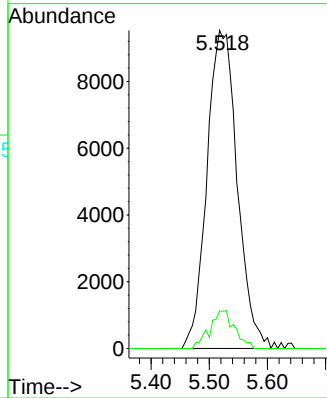
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01



Tgt Ion: 59 Resp: 34532
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.2

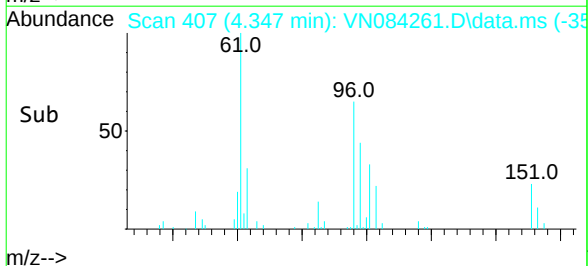
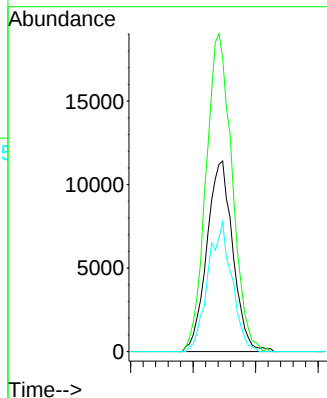
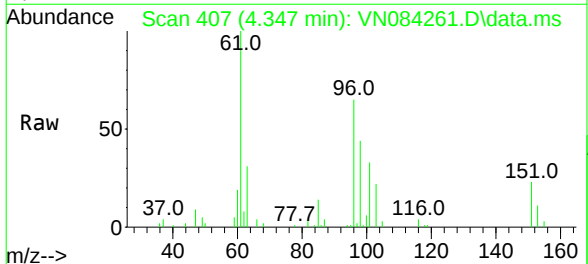
Manual Integrations
APPROVED

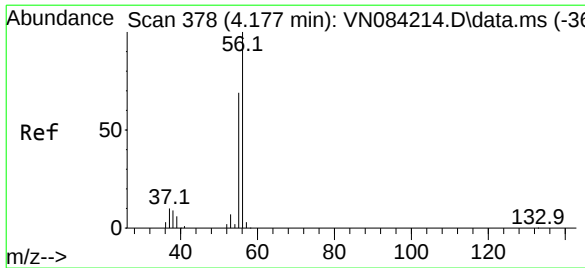
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#12
1,1-Dichloroethene
Concen: 18.733 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

Tgt Ion: 96 Resp: 33022
Ion Ratio Lower Upper
96 100
61 154.0 128.6 192.8
98 68.0 51.7 77.5





#13

Acrolein

Concen: 88.267 ug/l

RT: 4.183 min Scan# 37

Delta R.T. 0.006 min

Lab File: VN084261.D

Acq: 02 Oct 2024 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

Tgt Ion: 56 Resp: 38786

Ion Ratio Lower Upper

56 100

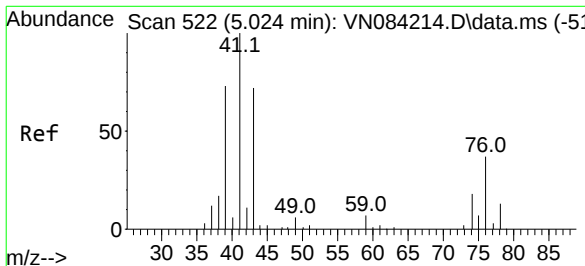
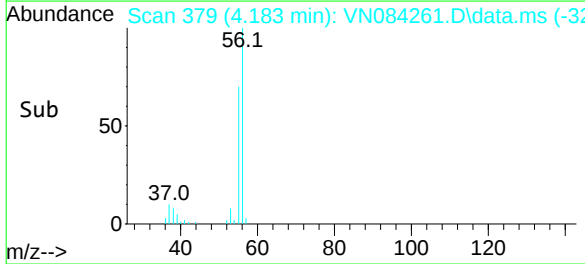
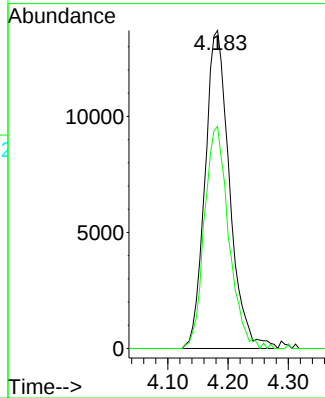
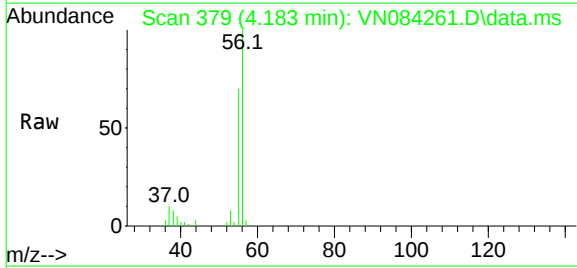
55 68.9 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#14

Allyl chloride

Concen: 17.310 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN084261.D

Acq: 02 Oct 2024 13:45

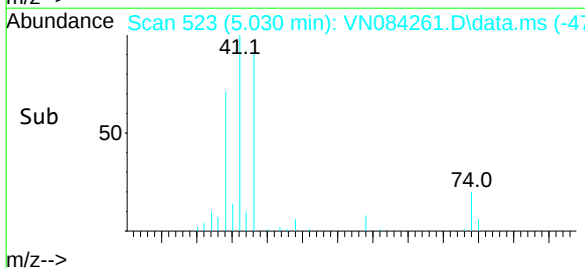
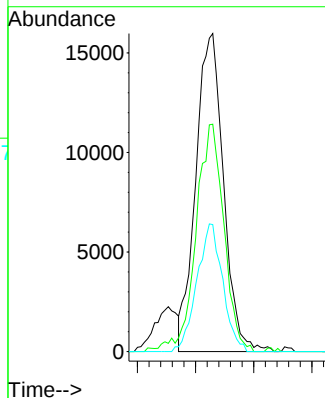
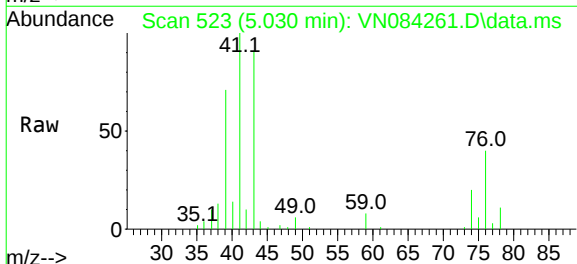
Tgt Ion: 41 Resp: 52993

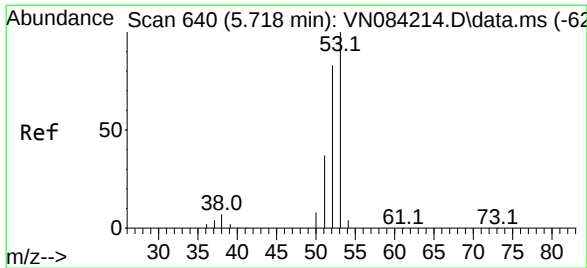
Ion Ratio Lower Upper

41 100

39 71.9 59.0 88.6

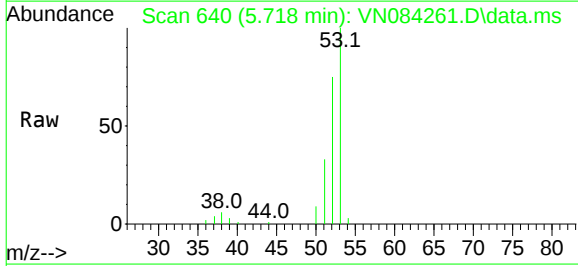
76 37.1 29.8 44.6





#15
Acrylonitrile
Concen: 100.997 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

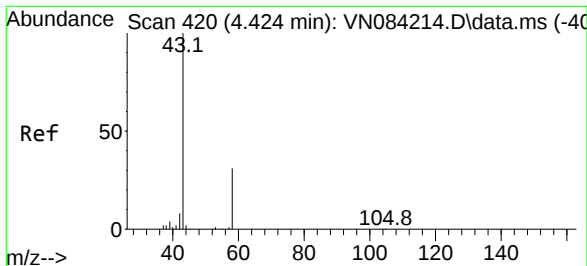
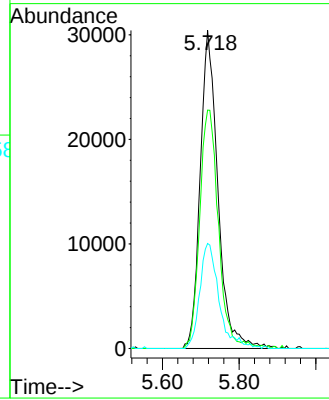
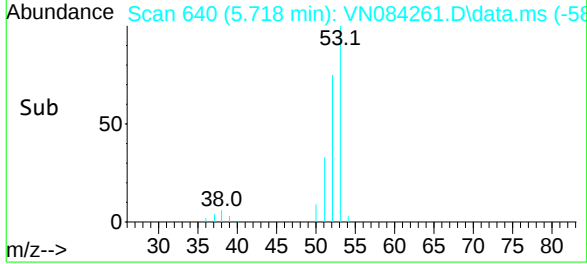
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01



Tgt Ion: 53 Resp: 97621
Ion Ratio Lower Upper
53 100
52 78.0 66.2 99.4
51 36.0 28.8 43.2

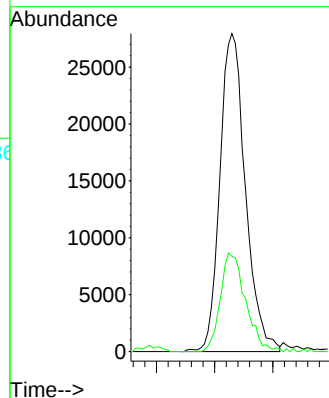
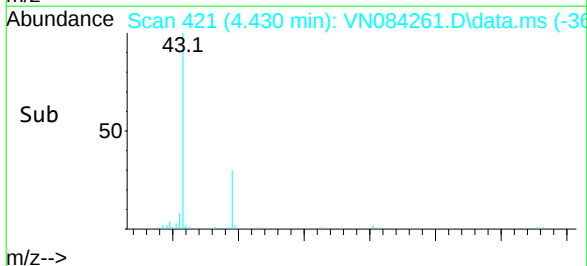
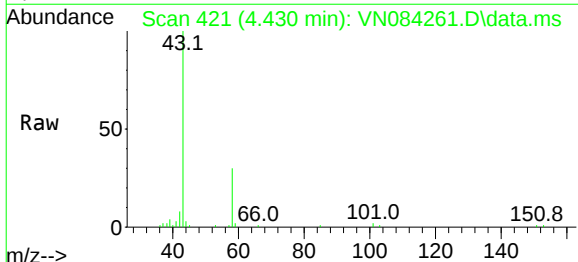
Manual Integrations
APPROVED

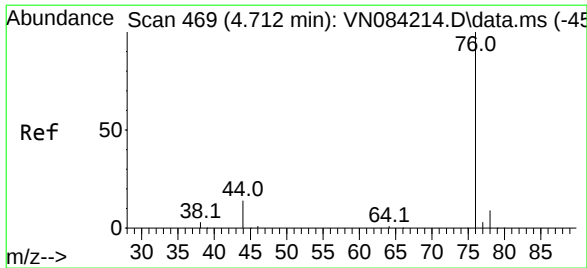
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#16
Acetone
Concen: 85.280 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

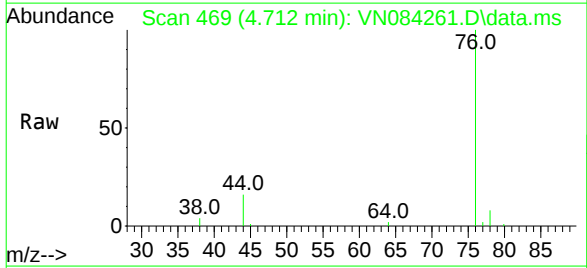
Tgt Ion: 43 Resp: 85039
Ion Ratio Lower Upper
43 100
58 29.9 24.4 36.6





#17
Carbon Disulfide
Concen: 16.800 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

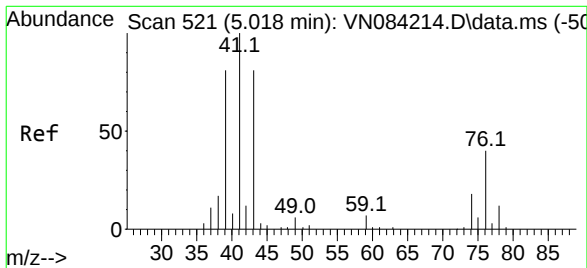
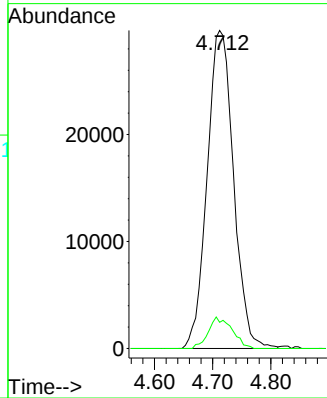
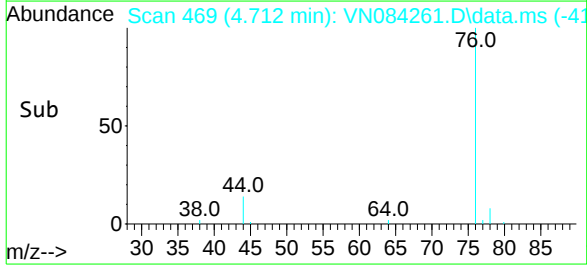
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01



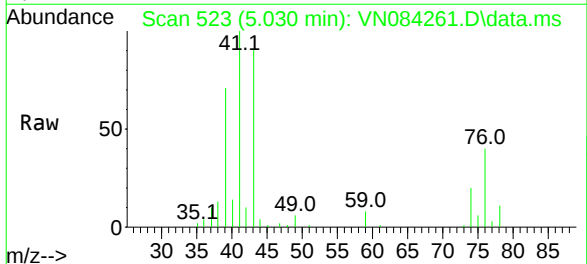
Tgt Ion: 76 Resp: 93763
Ion Ratio Lower Upper
76 100
78 8.2 7.3 10.9

Manual Integrations
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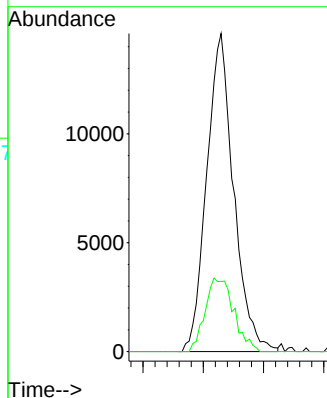
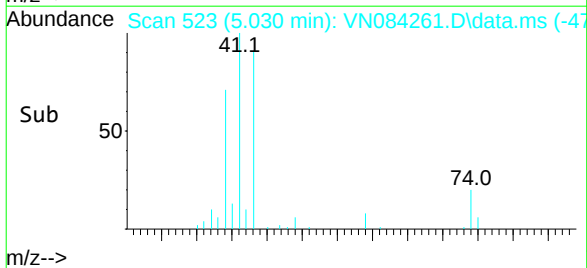
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024

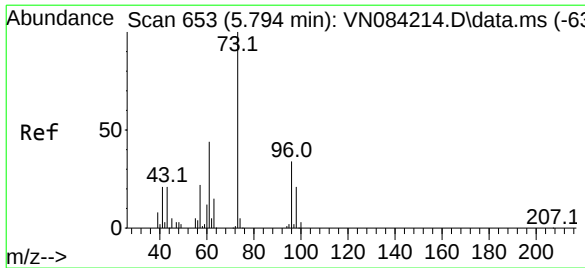


#18
Methyl Acetate
Concen: 20.867 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45



Tgt Ion: 43 Resp: 45352
Ion Ratio Lower Upper
43 100
74 24.5 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 19.048 ug/l

RT: 5.800 min Scan# 65

Delta R.T. 0.006 min

Lab File: VN084261.D

Acq: 02 Oct 2024 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

Tgt Ion: 73 Resp: 113328

Ion Ratio Lower Upper

73 100

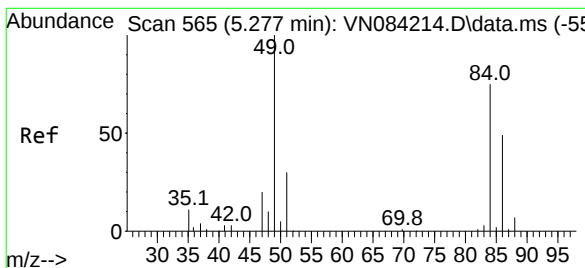
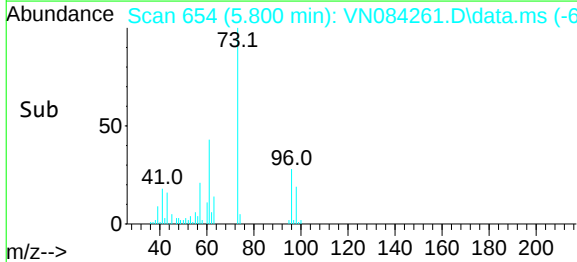
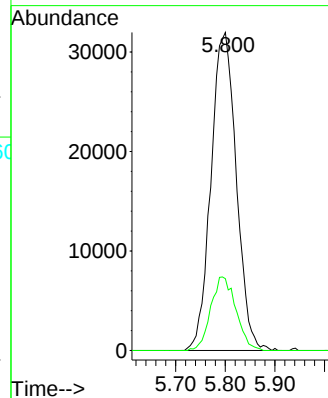
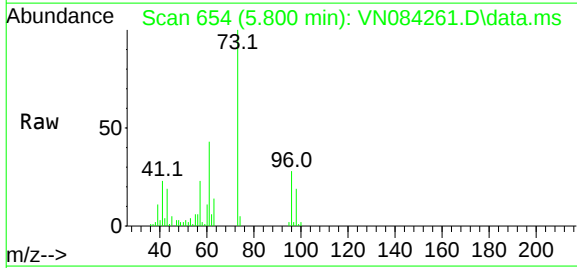
57 22.6 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#20

Methylene Chloride

Concen: 18.999 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.000 min

Lab File: VN084261.D

Acq: 02 Oct 2024 13:45

Tgt Ion: 84 Resp: 38511

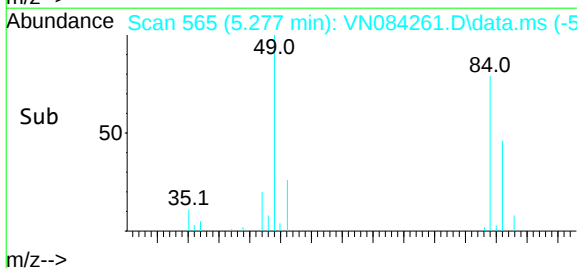
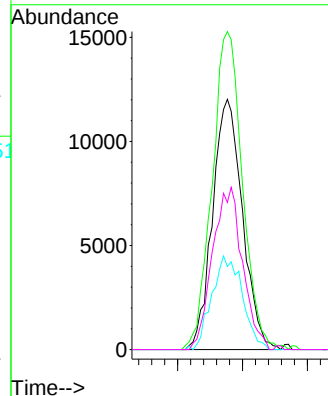
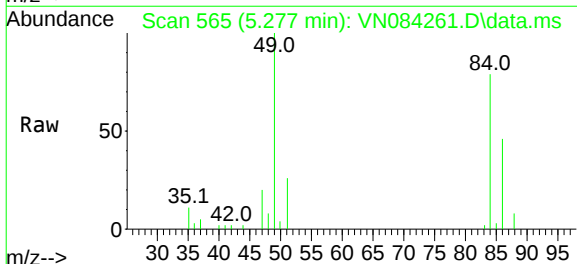
Ion Ratio Lower Upper

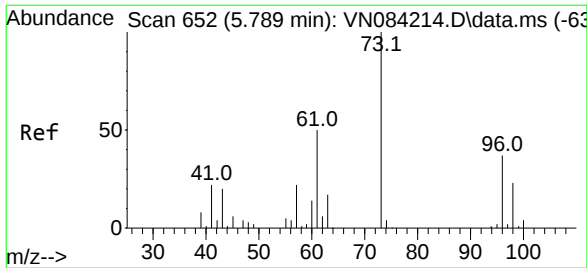
84 100

49 127.1 107.2 160.8

51 33.2 31.8 47.8

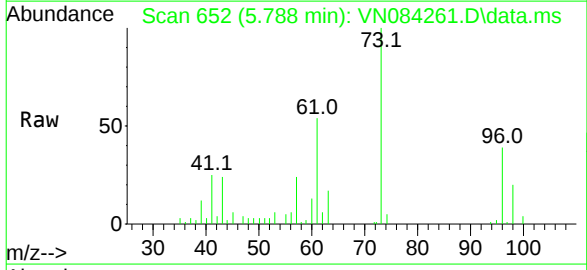
86 58.8 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 18.751 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

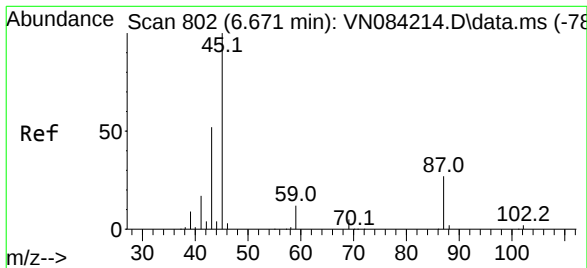
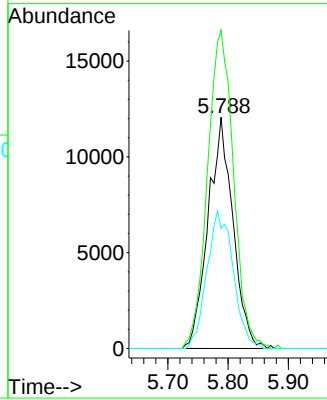
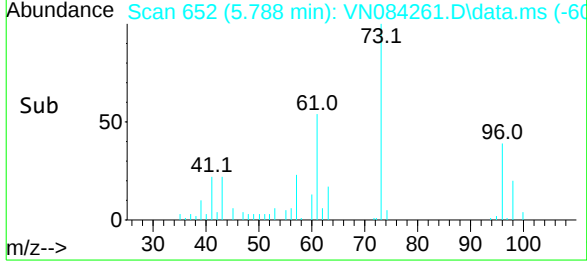
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01



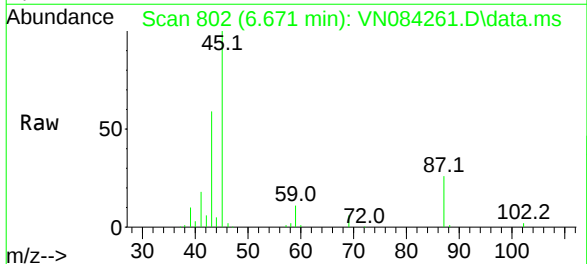
Tgt Ion: 96 Resp: 34629
Ion Ratio Lower Upper
96 100
61 137.6 108.4 162.6
98 52.0 49.8 74.8

Manual Integrations
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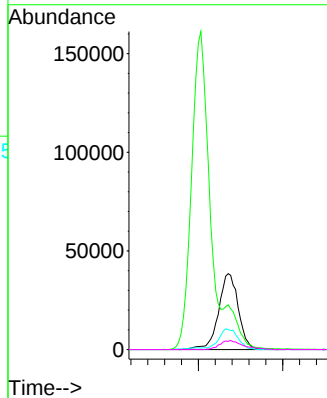
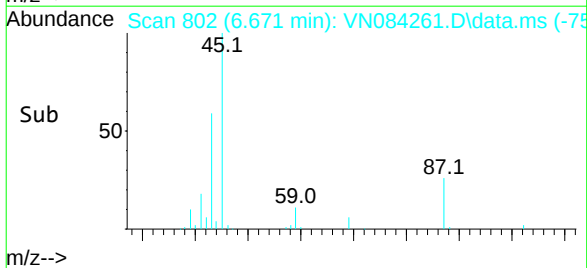
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024

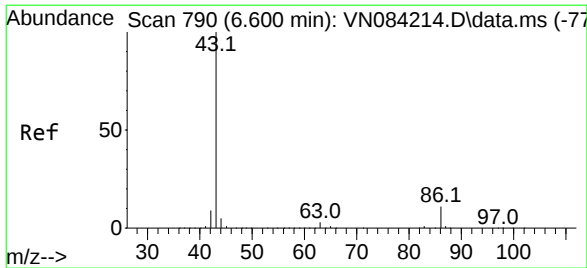


#22
Diisopropyl ether
Concen: 19.833 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45



Tgt Ion: 45 Resp: 125589
Ion Ratio Lower Upper
45 100
43 57.9 42.3 63.5
87 26.4 21.8 32.6
59 10.9 9.6 14.4





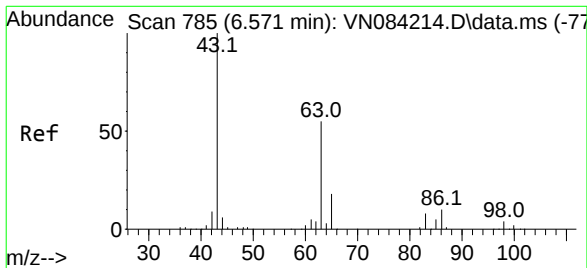
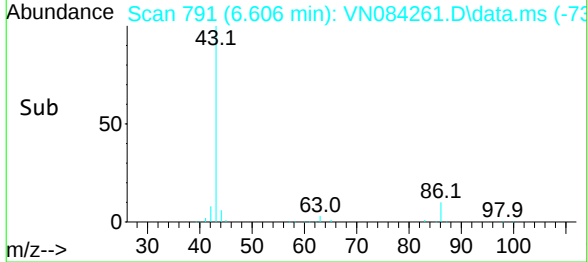
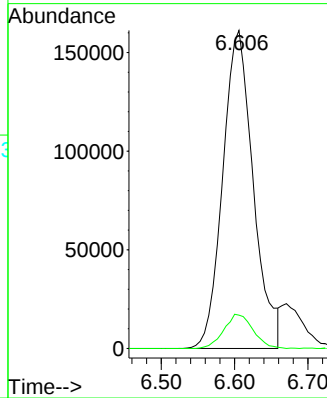
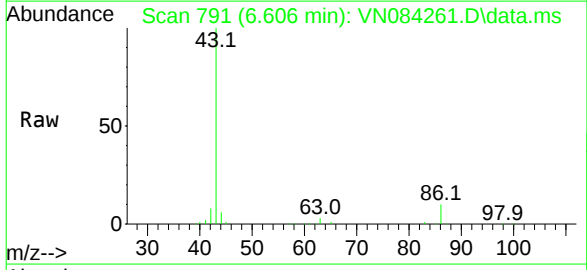
#23
 Vinyl Acetate
 Concen: 99.274 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN084261.D
 Acq: 02 Oct 2024 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBSD01

Tgt Ion: 43 Resp: 466257
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8

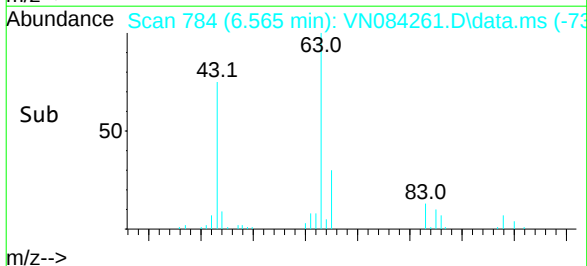
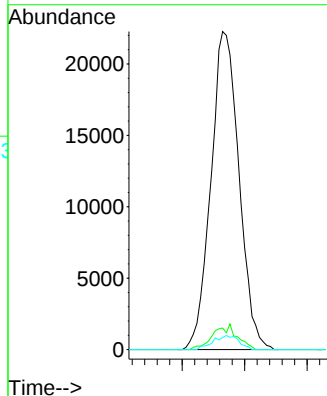
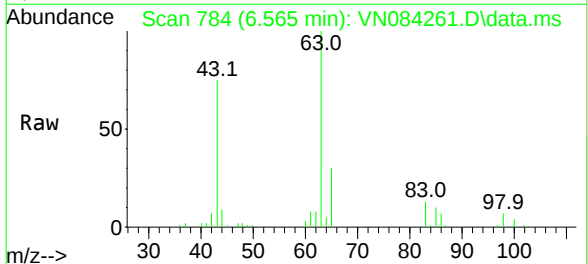
Manual Integrations
 APPROVED

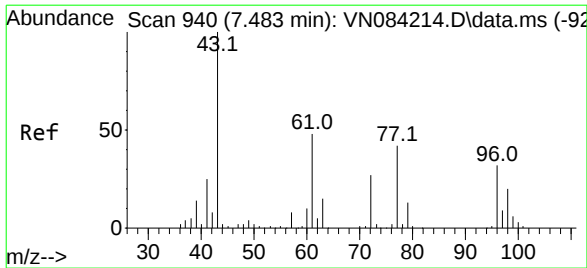
Reviewed By :John Carlone 10/03/2024
 Supervised By :Semsettin Yesilyurt 10/03/2024



#24
 1,1-Dichloroethane
 Concen: 19.643 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN084261.D
 Acq: 02 Oct 2024 13:45

Tgt Ion: 63 Resp: 69560
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 3.8 2.0 5.8





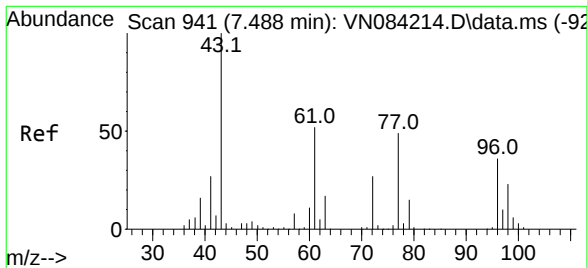
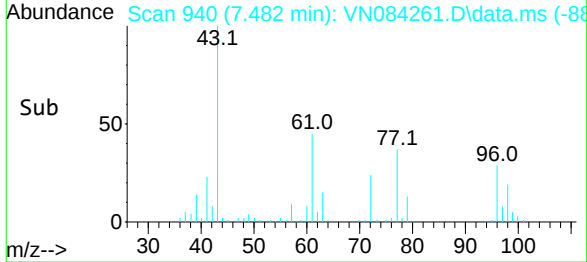
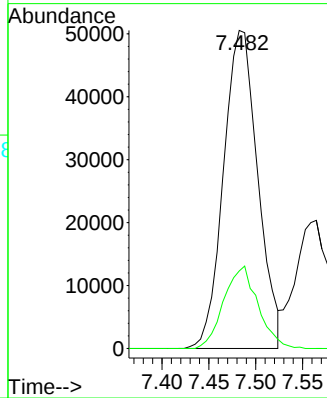
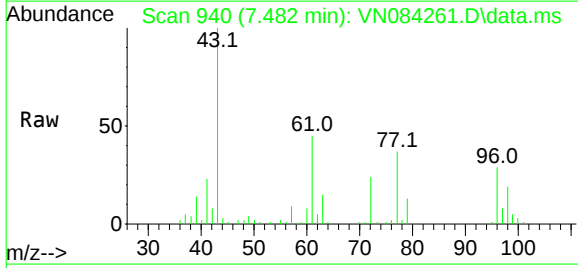
#25
2-Butanone
Concen: 94.822 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tgt Ion: 43 Resp: 128784
Ion Ratio Lower Upper
43 100
72 24.4 21.4 32.2

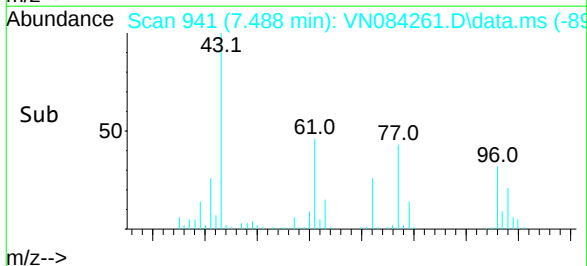
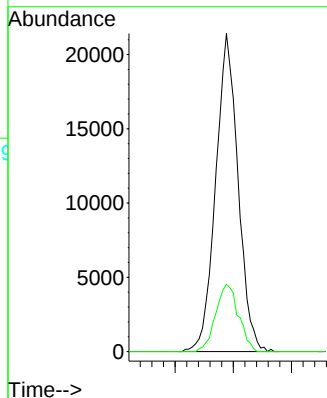
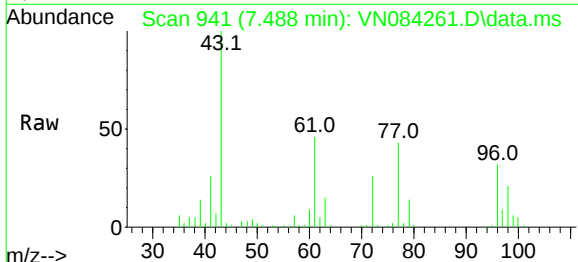
Manual Integrations
APPROVED

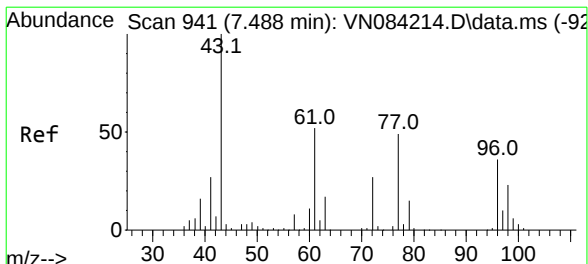
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#26
2,2-Dichloropropane
Concen: 17.920 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

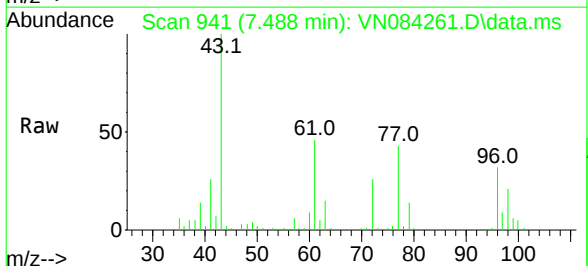
Tgt Ion: 77 Resp: 57218
Ion Ratio Lower Upper
77 100
97 21.6 10.8 32.3





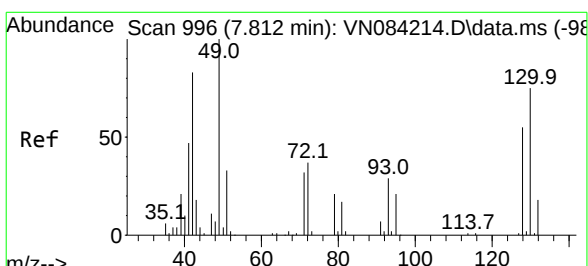
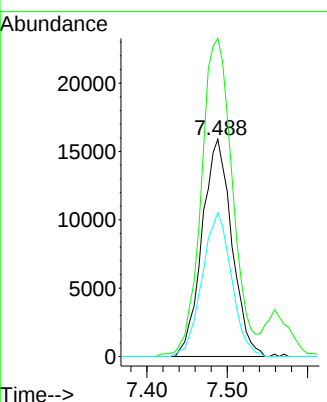
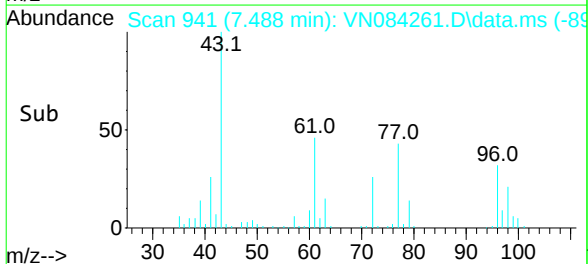
#27
 cis-1,2-Dichloroethene
 Concen: 18.313 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN084261.D
 Acq: 02 Oct 2024 13:45

Instrument : MSVOA_N
 ClientSampleId : VN1002WBSD01

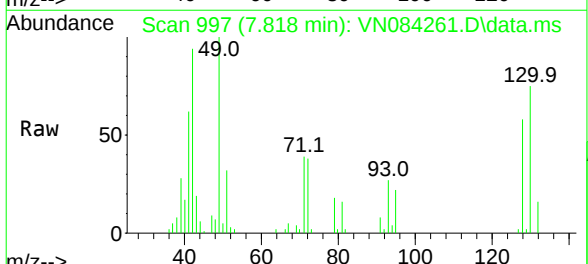


Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.3	0.0	301.8
98	65.4	0.0	128.2

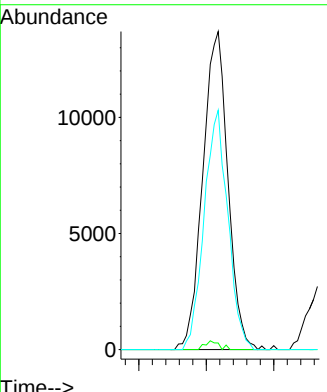
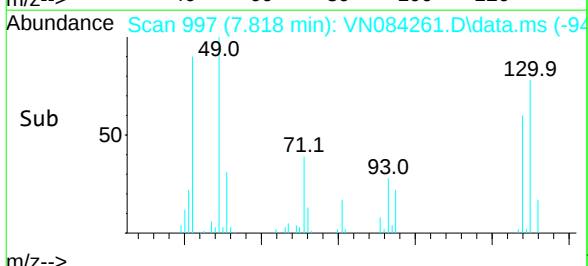
Manual Integrations
APPROVED
 Reviewed By :John Carlone 10/03/2024
 Supervised By :Semsettin Yesilyurt 10/03/2024

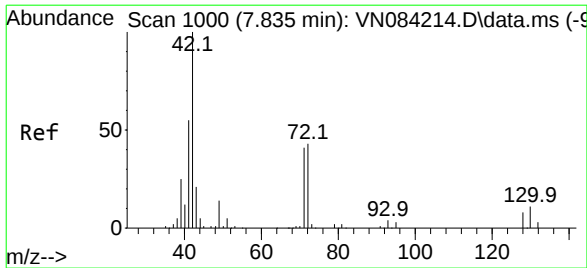


#28
 Bromochloromethane
 Concen: 22.409 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN084261.D
 Acq: 02 Oct 2024 13:45



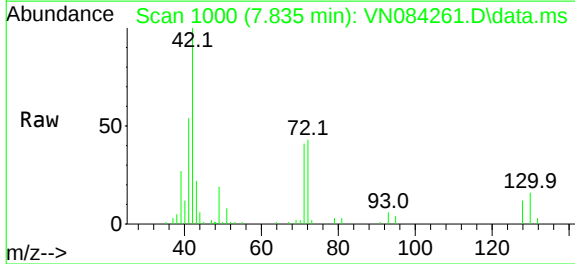
Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.6
130	71.3	58.0	87.0





#29
Tetrahydrofuran
Concen: 99.959 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

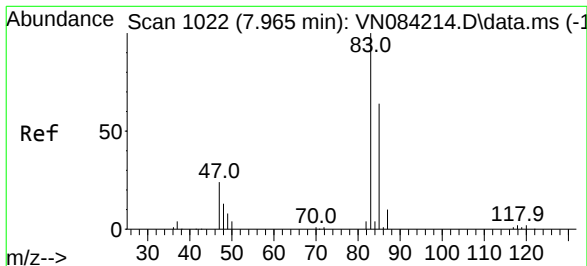
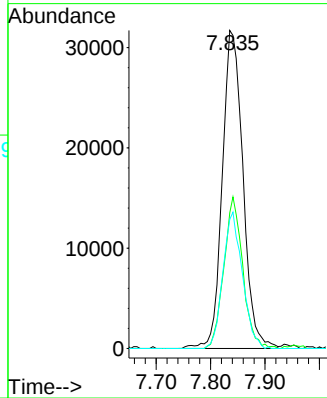
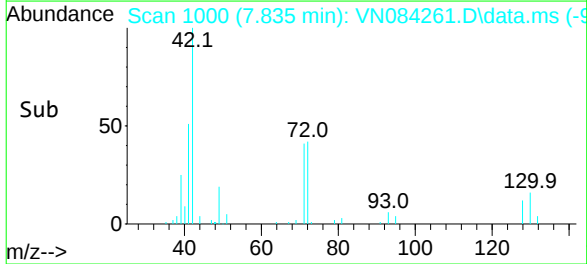
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01



Tgt Ion: 42 Resp: 83780
Ion Ratio Lower Upper
42 100
72 43.5 34.6 51.8
71 40.4 32.2 48.4

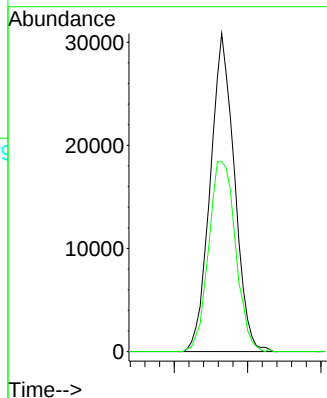
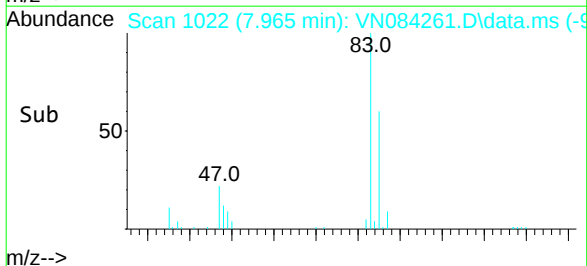
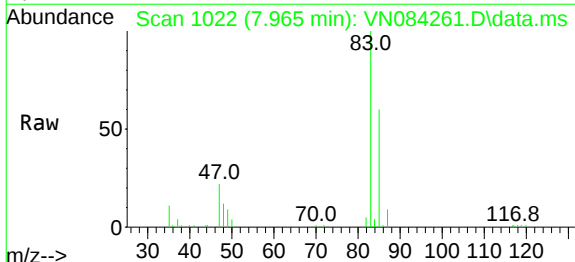
Manual Integrations
APPROVED

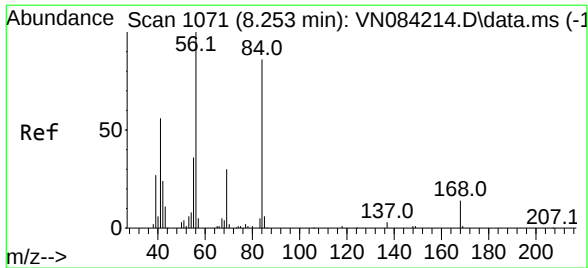
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#30
Chloroform
Concen: 19.154 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

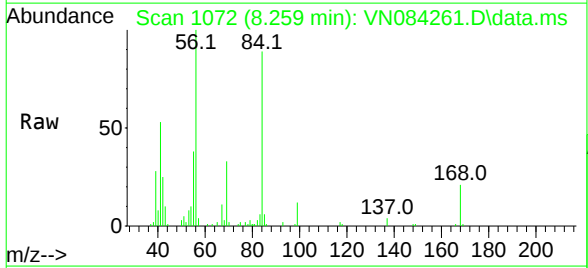
Tgt Ion: 83 Resp: 70456
Ion Ratio Lower Upper
83 100
85 59.7 51.0 76.4





#31
Cyclohexane
Concen: 17.706 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

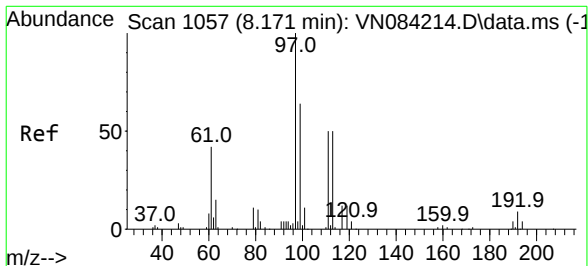
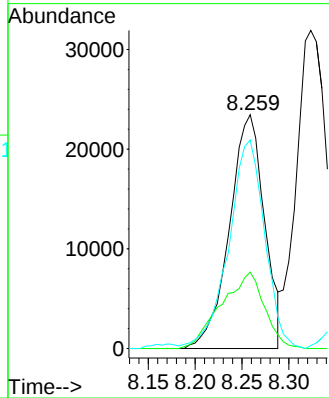
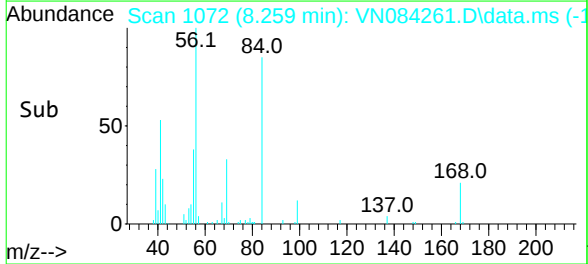
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01



Tgt Ion: 56 Resp: 60877
Ion Ratio Lower Upper
56 100
69 32.7 23.8 35.6
84 88.1 68.8 103.2

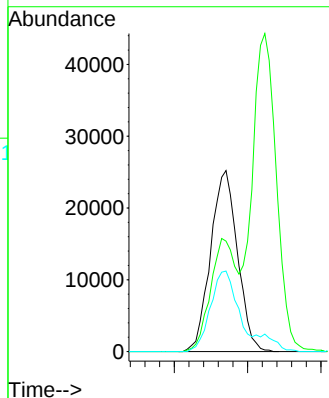
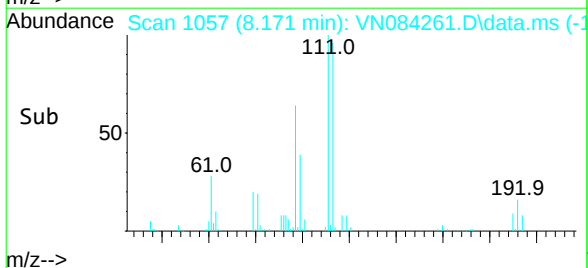
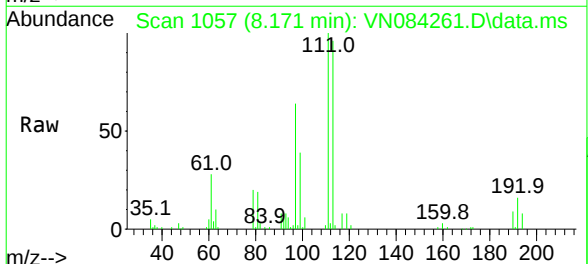
Manual Integrations
APPROVED

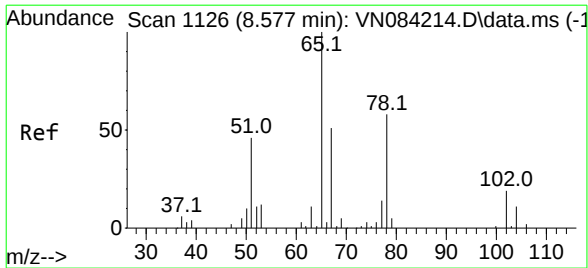
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#32
1,1,1-Trichloroethane
Concen: 19.448 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

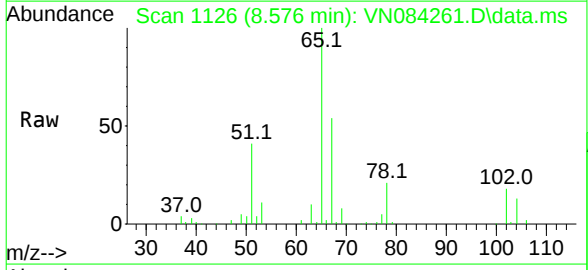
Tgt Ion: 97 Resp: 64248
Ion Ratio Lower Upper
97 100
99 59.5 51.2 76.8
61 44.9 37.5 56.3





#33
 1,2-Dichloroethane-d4
 Concen: 52.032 ug/l
 RT: 8.576 min Scan# 1116
 Delta R.T. -0.000 min
 Lab File: VN084261.D
 Acq: 02 Oct 2024 13:45

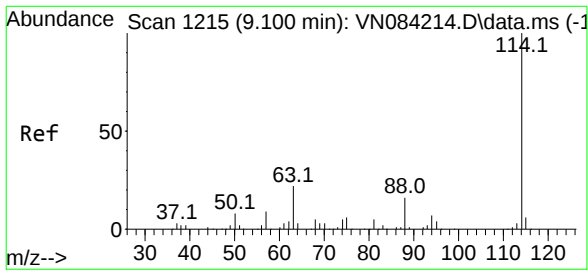
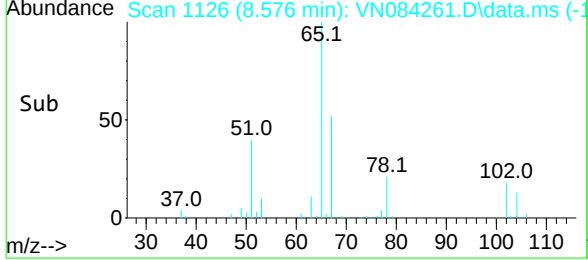
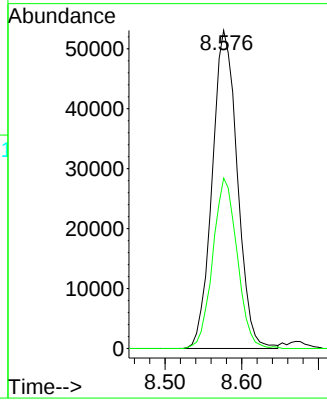
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBSD01



Tgt Ion:	65	Resp:	120781
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	102.0

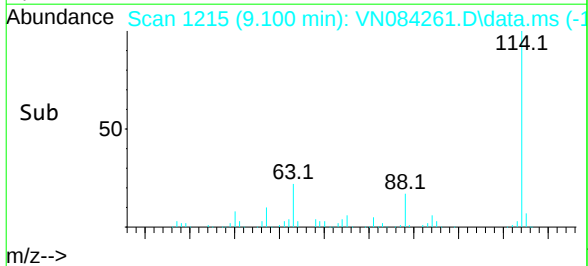
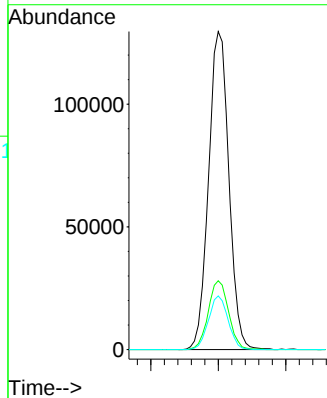
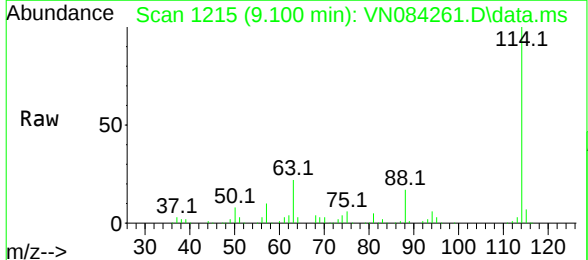
Manual Integrations
 APPROVED

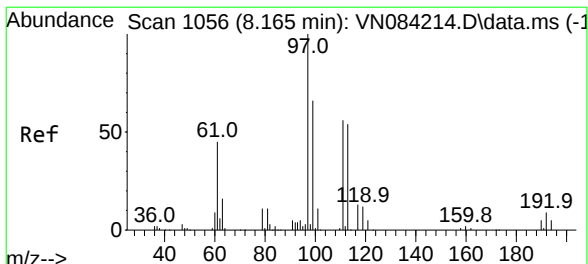
Reviewed By :John Carlone 10/03/2024
 Supervised By :Semsettin Yesilyurt 10/03/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084261.D
 Acq: 02 Oct 2024 13:45

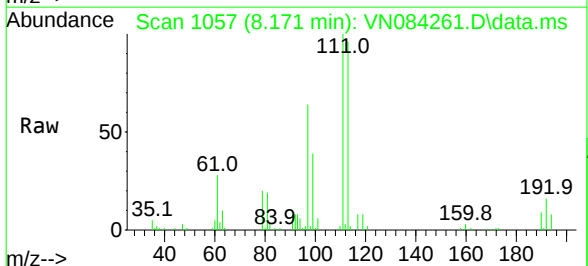
Tgt Ion:	114	Resp:	270852
Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.8
88	16.9	0.0	31.6





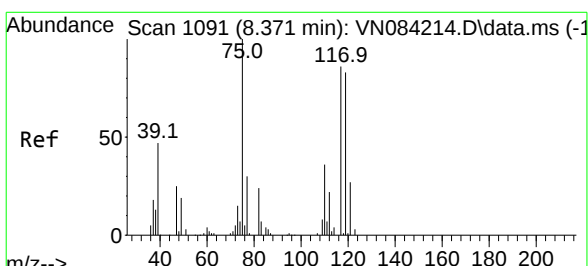
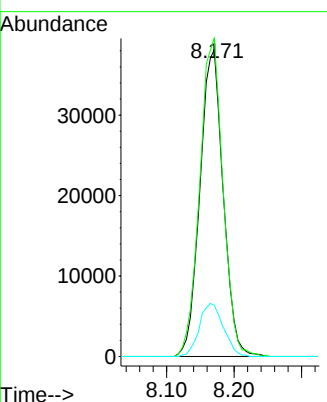
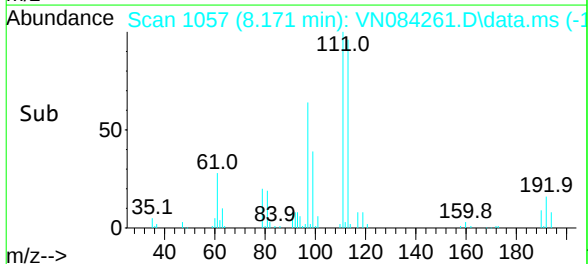
#35
 Dibromofluoromethane
 Concen: 51.099 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN084261.D
 Acq: 02 Oct 2024 13:45

Instrument : MSVOA_N
 ClientSampleId : VN1002WBSD01



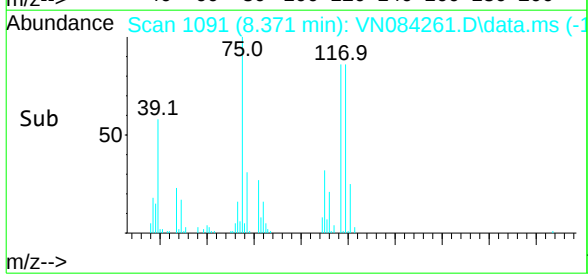
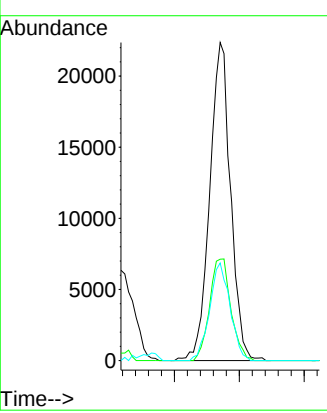
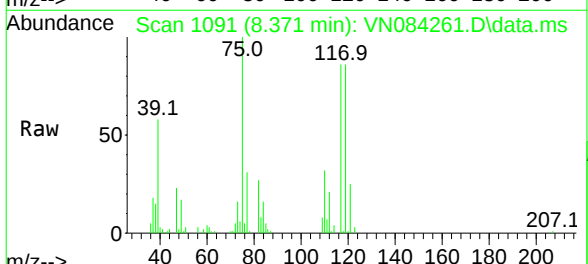
Tgt Ion:	113	Resp:	91244
Ion Ratio	Lower	Upper	
113	100		
111	104.0	83.3	124.9
192	17.9	13.5	20.3

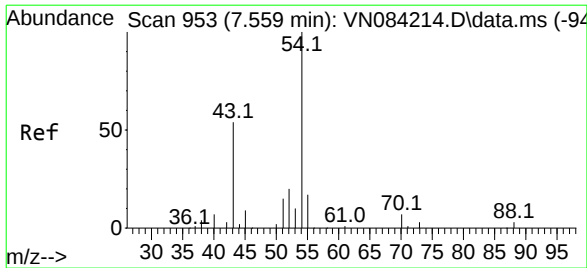
Manual Integrations
APPROVED
 Reviewed By :John Carlone 10/03/2024
 Supervised By :Semsettin Yesilyurt 10/03/2024



#36
 1,1-Dichloropropene
 Concen: 19.201 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. -0.000 min
 Lab File: VN084261.D
 Acq: 02 Oct 2024 13:45

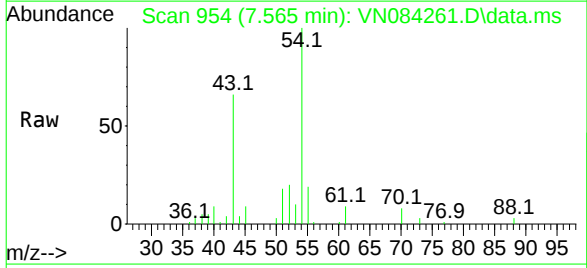
Tgt Ion:	75	Resp:	49801
Ion Ratio	Lower	Upper	
75	100		
110	32.7	16.9	50.7
77	30.1	24.7	37.1





#37
Ethyl Acetate
Concen: 19.848 ug/l
RT: 7.565 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

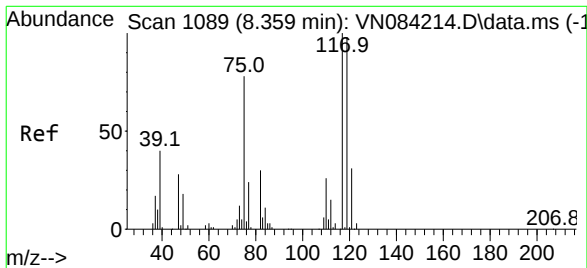
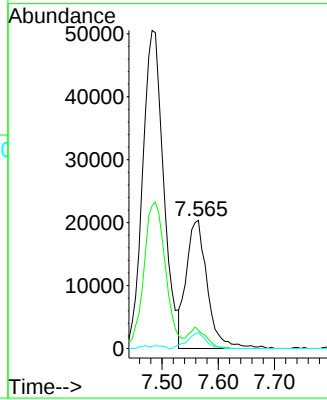
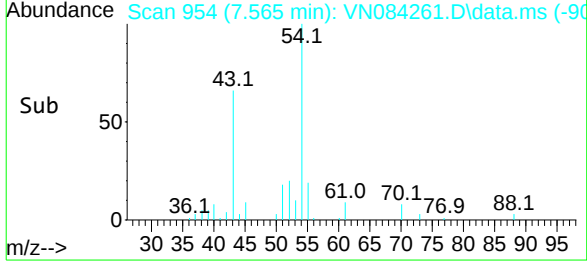
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01



Tgt Ion: 43 Resp: 52813
Ion Ratio Lower Upper
43 100
61 14.2 10.7 16.1
70 10.8 8.8 13.2

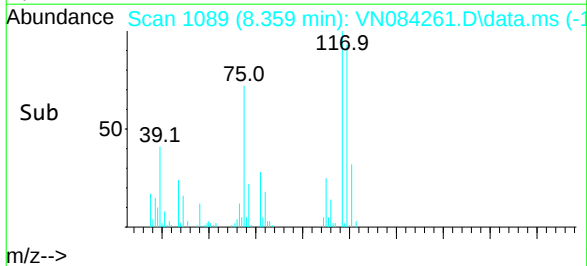
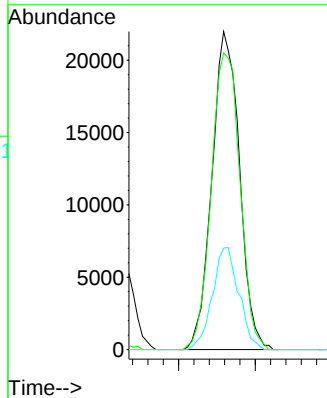
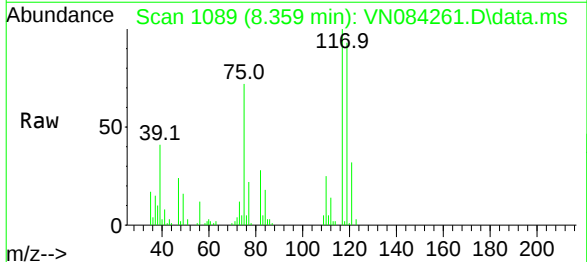
Manual Integrations
APPROVED

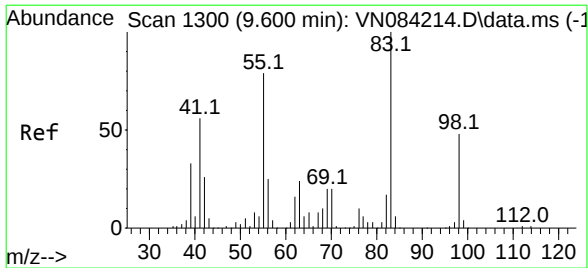
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#38
Carbon Tetrachloride
Concen: 19.277 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

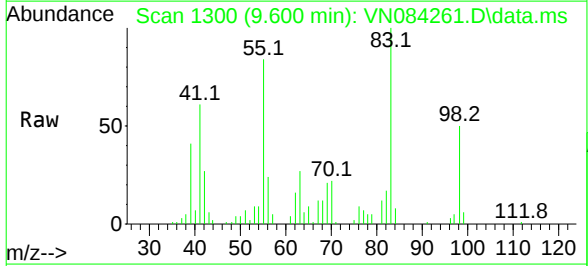
Tgt Ion:117 Resp: 54846
Ion Ratio Lower Upper
117 100
119 93.3 78.7 118.1
121 31.9 24.4 36.6





#39
Methylcyclohexane
Concen: 18.051 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

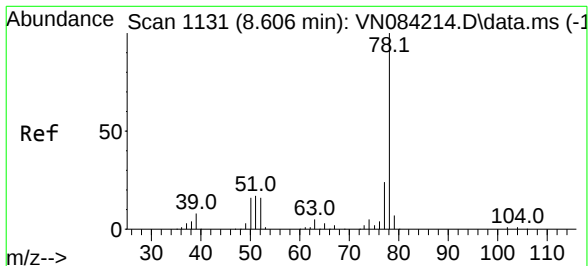
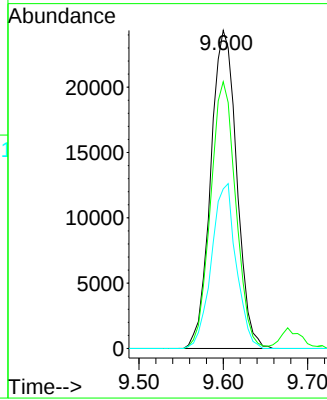
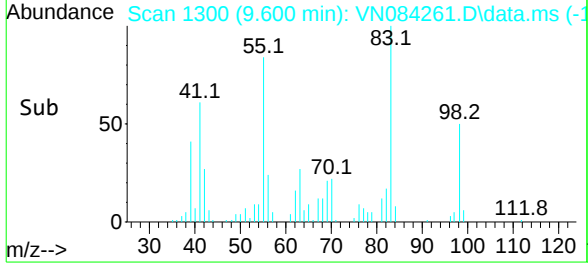
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01



Tgt Ion: 83 Resp: 52107
Ion Ratio Lower Upper
83 100
55 83.9 62.8 94.2
98 50.2 38.8 58.2

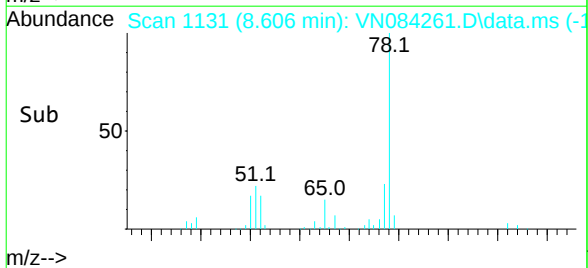
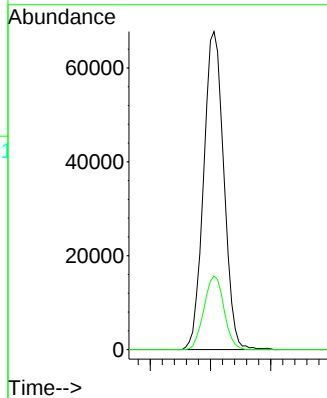
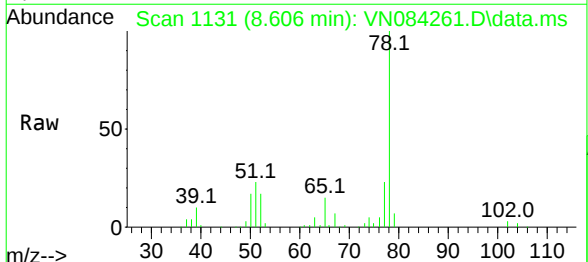
Manual Integrations
APPROVED

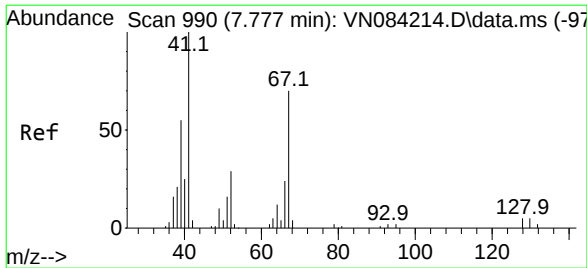
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#40
Benzene
Concen: 19.517 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

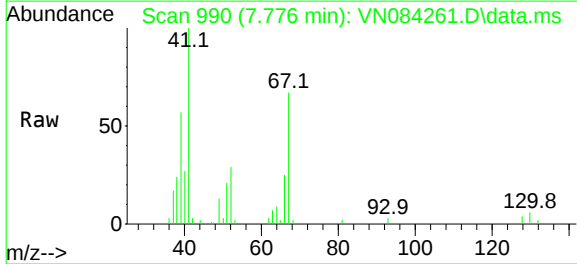
Tgt Ion: 78 Resp: 157717
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7





#41
Methacrylonitrile
Concen: 19.471 ug/l
RT: 7.776 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

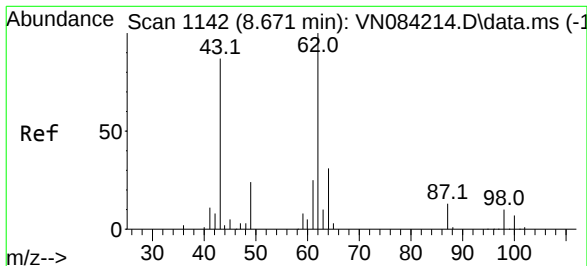
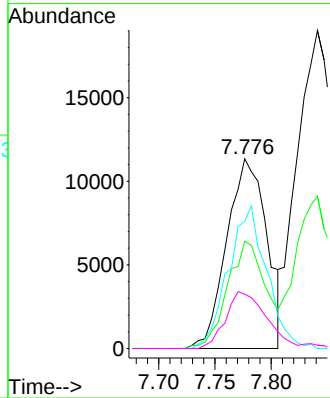
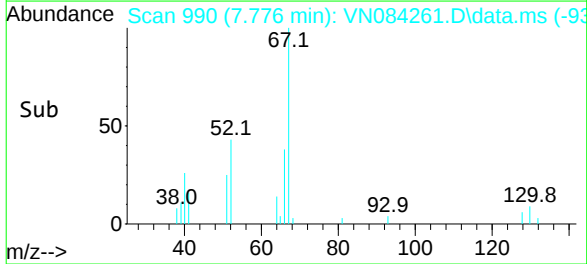
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01



Tgt Ion:	41	Resp:	28127
Ion	Ratio	Lower	Upper
41	100		
39	53.9	43.3	64.9
67	71.4	56.1	84.1
52	31.2	24.5	36.7

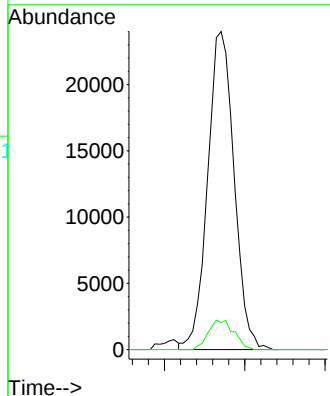
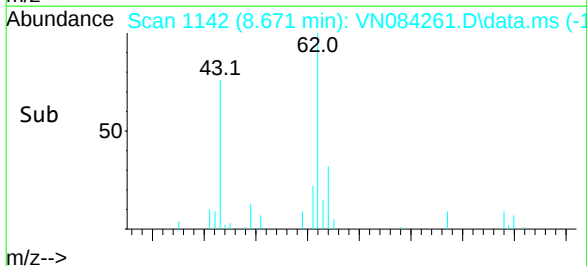
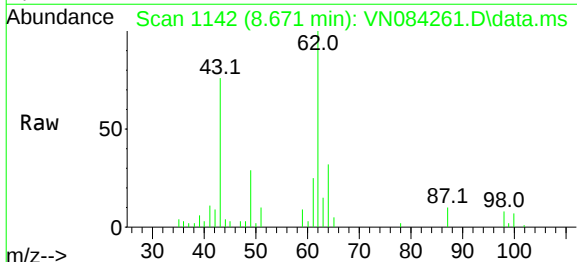
Manual Integrations
APPROVED

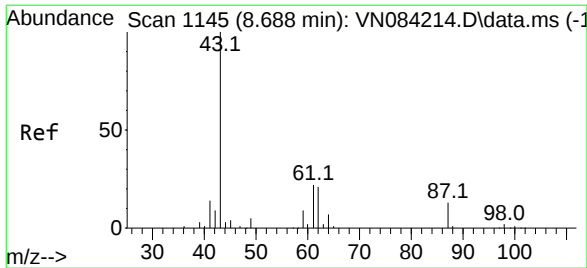
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#42
1,2-Dichloroethane
Concen: 20.066 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

Tgt Ion:	62	Resp:	54972
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2





#43

Isopropyl Acetate

Concen: 16.578 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN084261.D

Acq: 02 Oct 2024 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

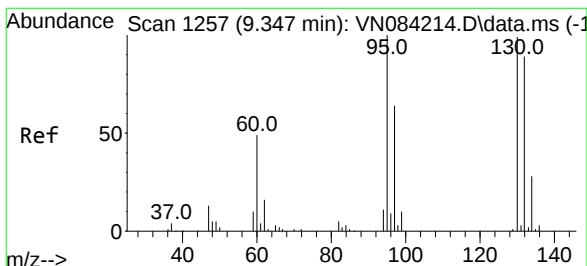
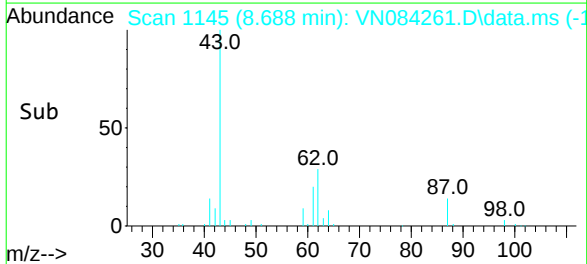
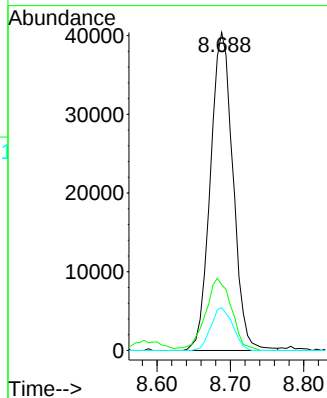
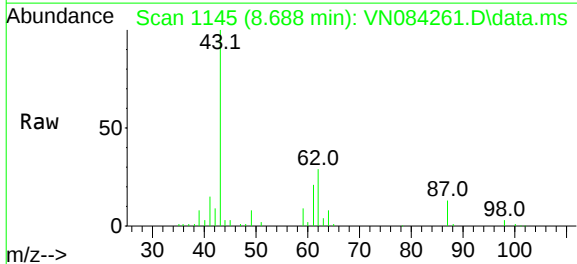
Tgt Ion: 43	Resp: 86402
Ion Ratio	Lower Upper
43 100	
61 26.3	20.4 30.6
87 13.0	10.3 15.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#44

Trichloroethene

Concen: 19.026 ug/l

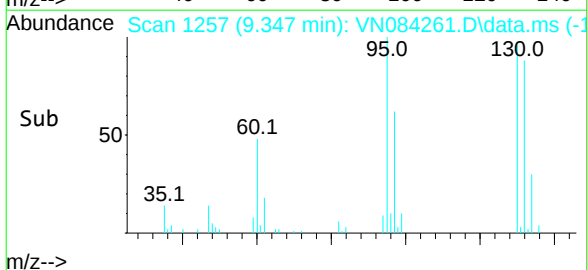
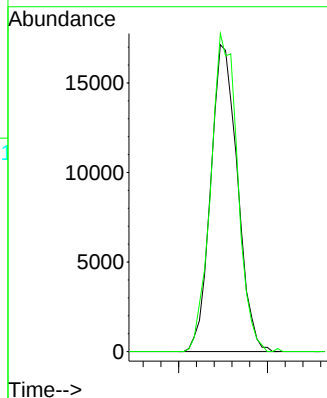
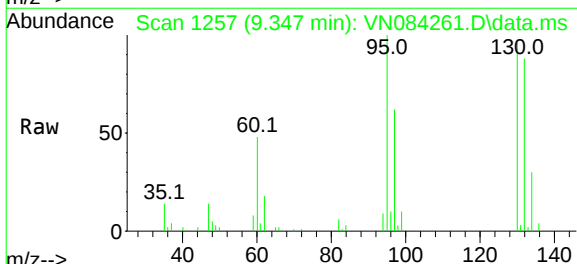
RT: 9.347 min Scan# 1257

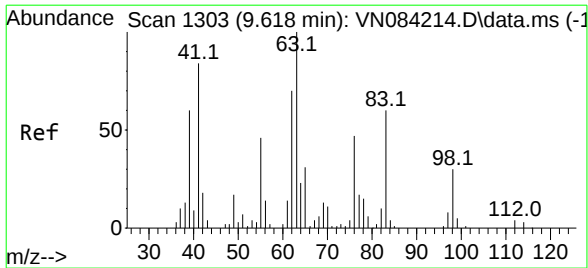
Delta R.T. -0.000 min

Lab File: VN084261.D

Acq: 02 Oct 2024 13:45

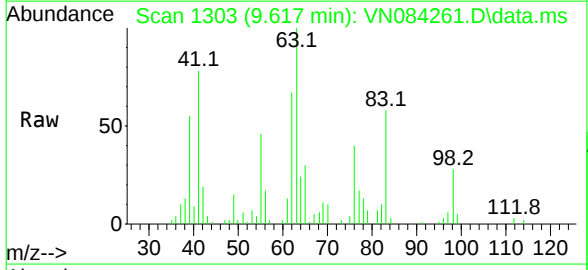
Tgt Ion:130	Resp: 35910
Ion Ratio	Lower Upper
130 100	
95 103.6	0.0 203.0





#45
1,2-Dichloropropane
Concen: 20.902 ug/l
RT: 9.617 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

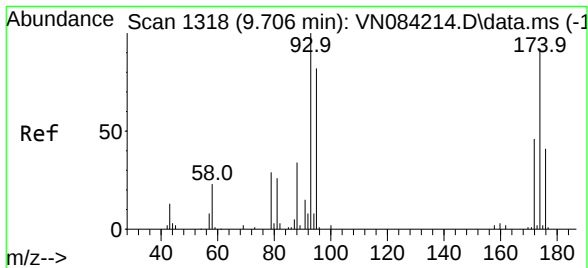
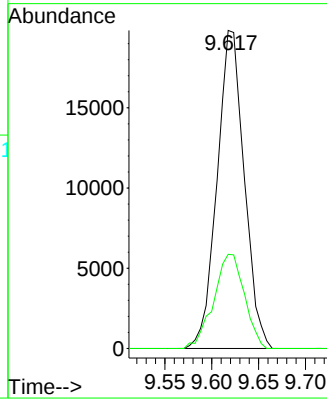
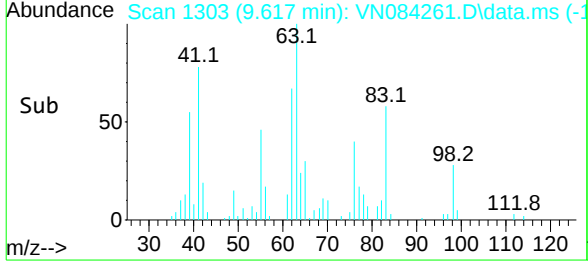
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01



Tgt Ion: 63 Resp: 39957
Ion Ratio Lower Upper
63 100
65 29.6 24.6 37.0

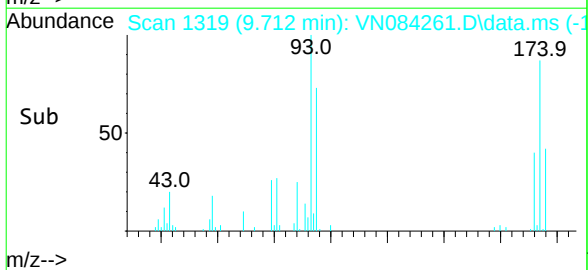
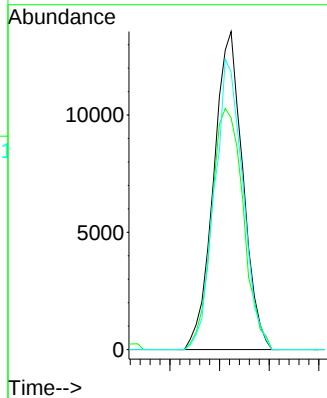
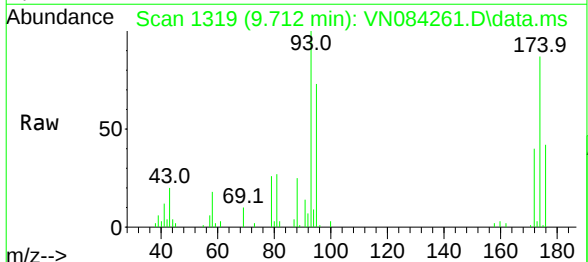
Manual Integrations
APPROVED

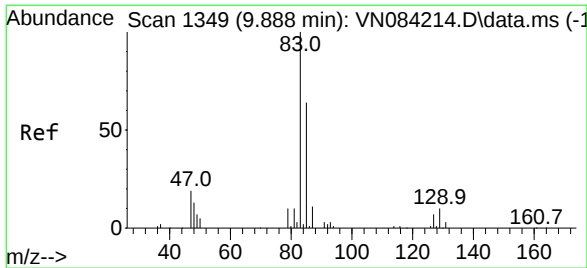
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#46
Dibromomethane
Concen: 21.439 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

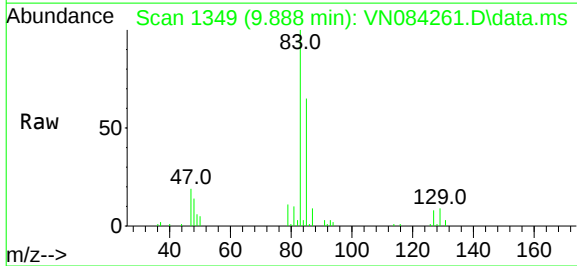
Tgt Ion: 93 Resp: 27658
Ion Ratio Lower Upper
93 100
95 82.3 65.0 97.4
174 88.9 71.8 107.8





#47
Bromodichloromethane
Concen: 20.126 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

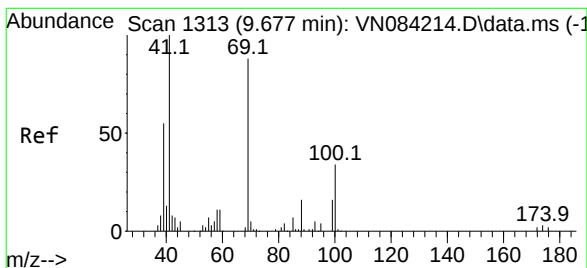
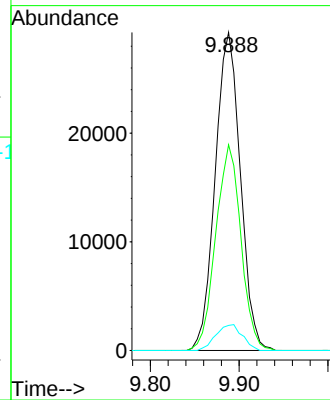
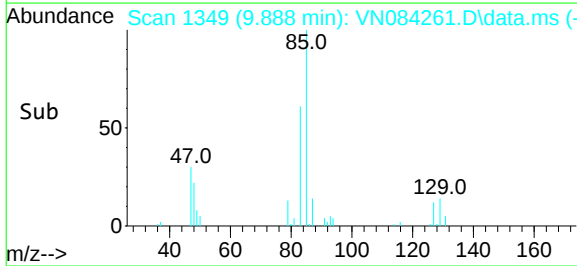
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01



Tgt Ion: 83 Resp: 57685
Ion Ratio Lower Upper
83 100
85 64.7 51.5 77.3
127 7.9 5.7 8.5

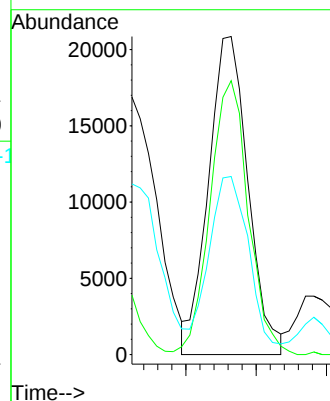
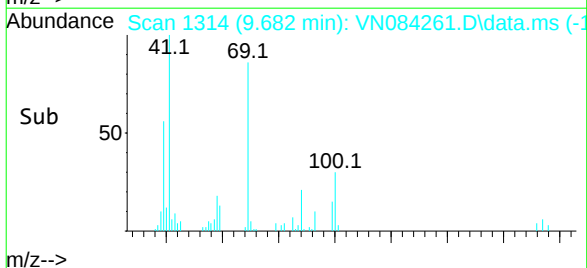
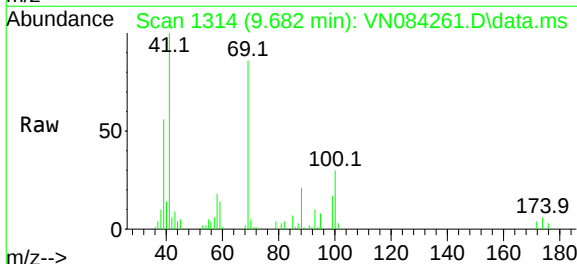
Manual Integrations
APPROVED

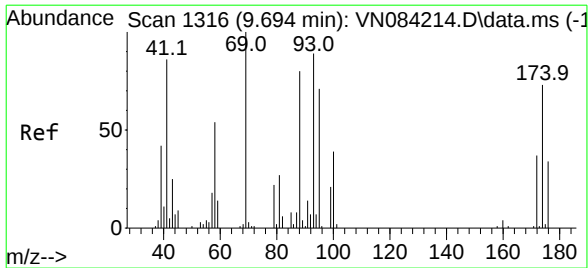
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#48
Methyl methacrylate
Concen: 19.678 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

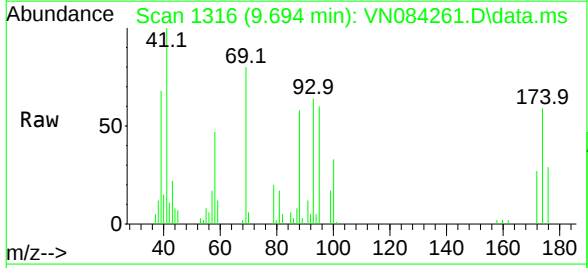
Tgt Ion: 41 Resp: 40827
Ion Ratio Lower Upper
41 100
69 83.2 67.1 100.7
39 56.6 45.8 68.6





#49
1,4-Dioxane
Concen: 381.010 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

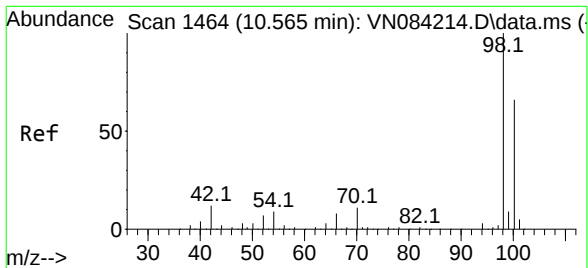
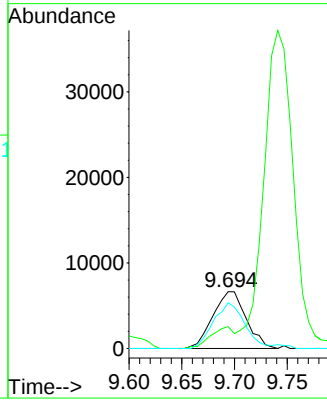
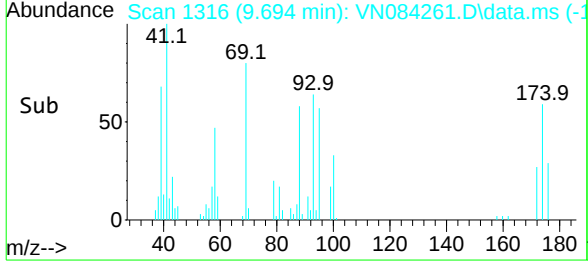
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01



Tgt Ion: 88 Resp: 14553
Ion Ratio Lower Upper
88 100
43 27.1 25.3 37.9
58 76.2 56.4 84.6

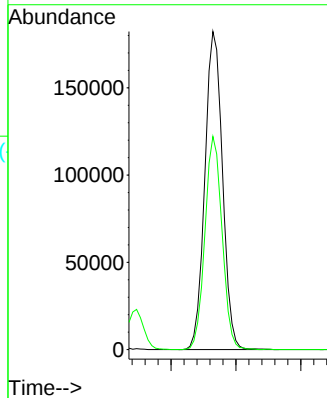
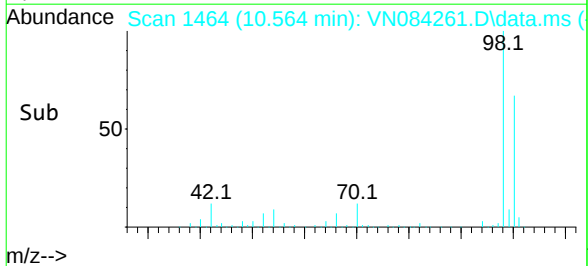
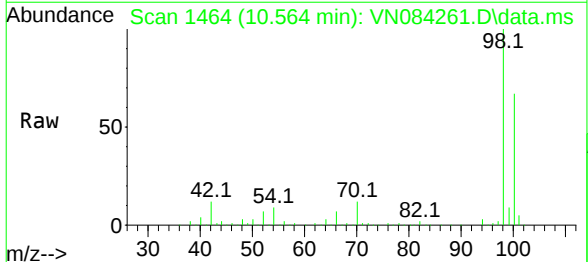
Manual Integrations
APPROVED

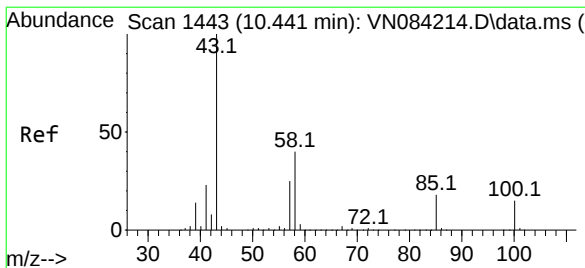
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#50
Toluene-d8
Concen: 52.361 ug/l
RT: 10.564 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

Tgt Ion: 98 Resp: 343983
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1





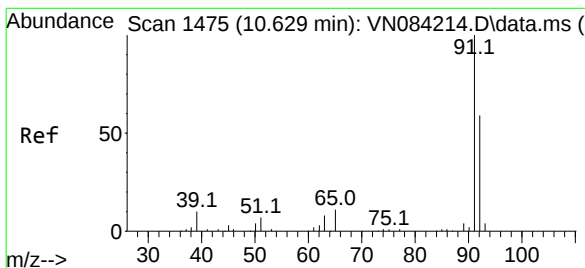
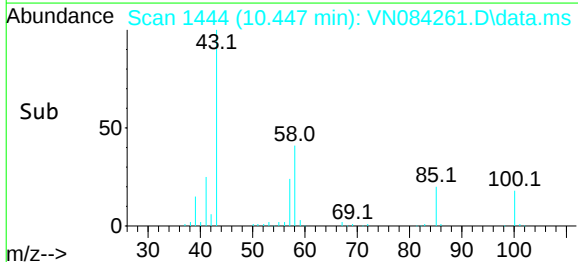
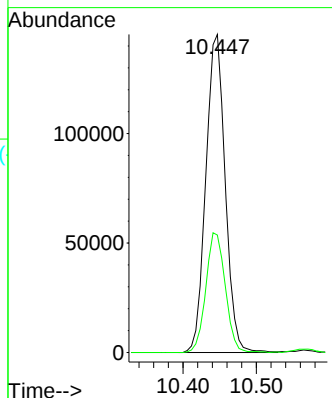
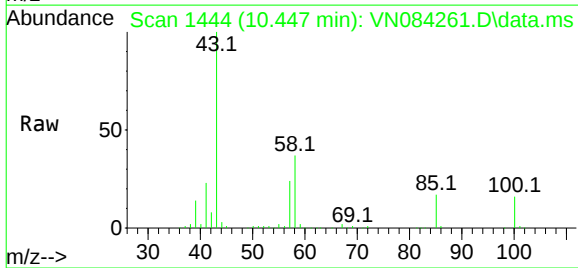
#51
4-Methyl-2-Pentanone
Concen: 105.185 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tgt Ion: 43 Resp: 266441
Ion Ratio Lower Upper
43 100
58 37.8 31.6 47.4

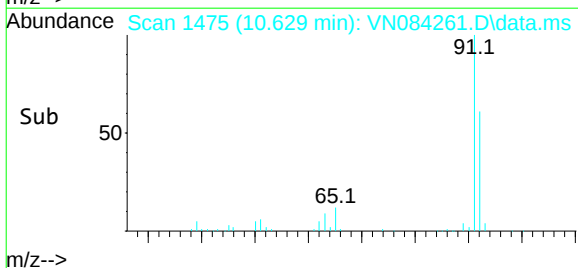
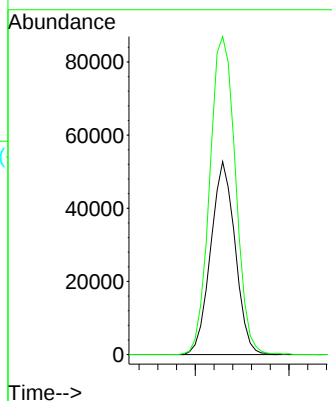
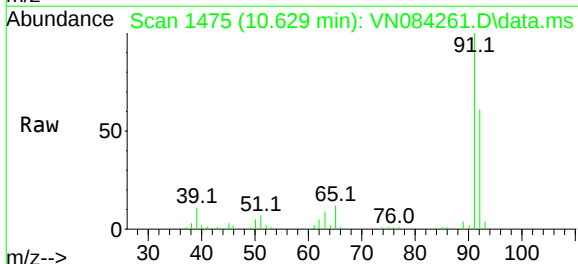
Manual Integrations
APPROVED

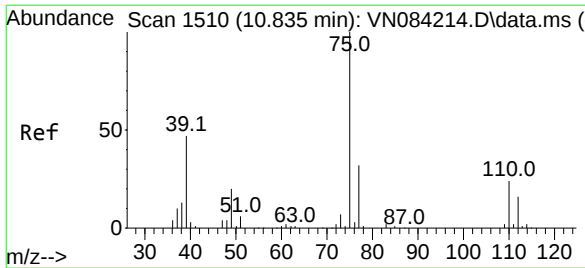
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#52
Toluene
Concen: 19.402 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

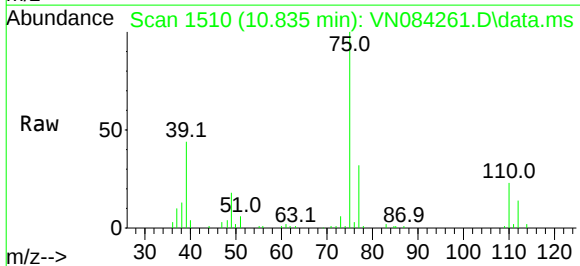
Tgt Ion: 92 Resp: 95608
Ion Ratio Lower Upper
92 100
91 174.0 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 19.389 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

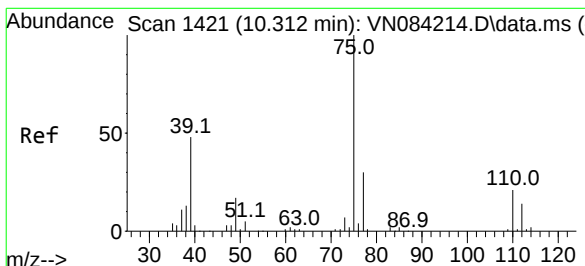
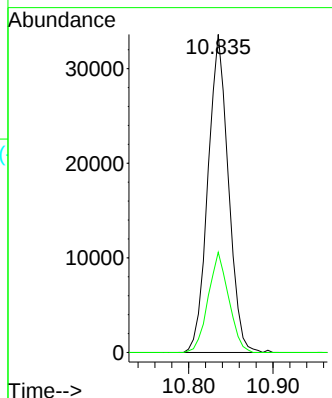
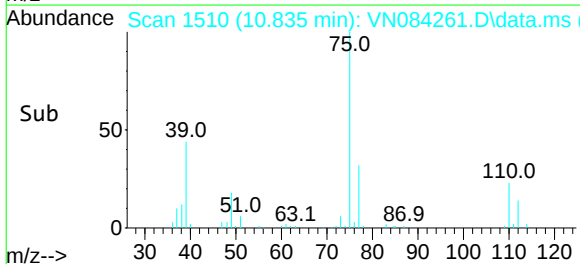
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01



Tgt Ion: 75 Resp: 56646
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0

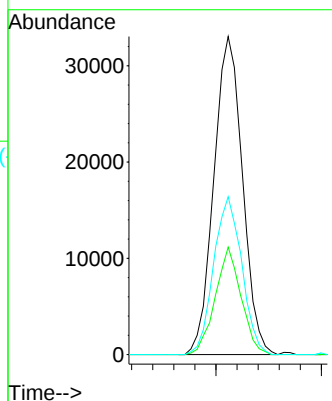
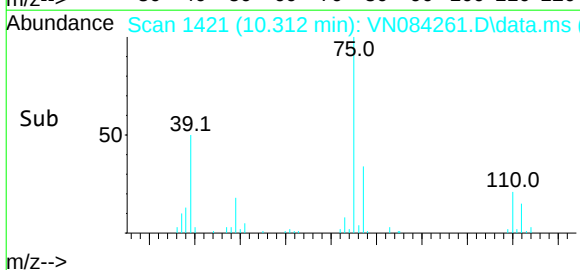
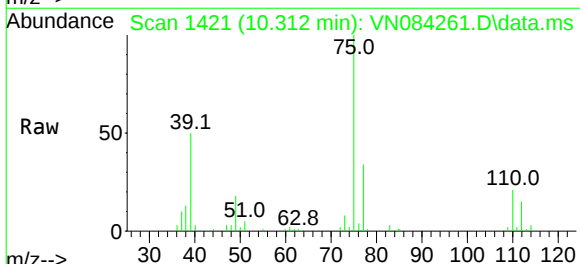
Manual Integrations
APPROVED

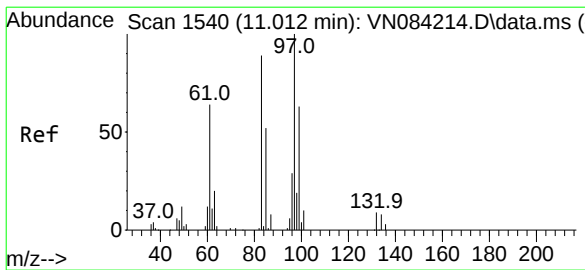
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#54
cis-1,3-Dichloropropene
Concen: 19.848 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

Tgt Ion: 75 Resp: 62373
Ion Ratio Lower Upper
75 100
77 33.8 24.2 36.2
39 49.6 38.7 58.1





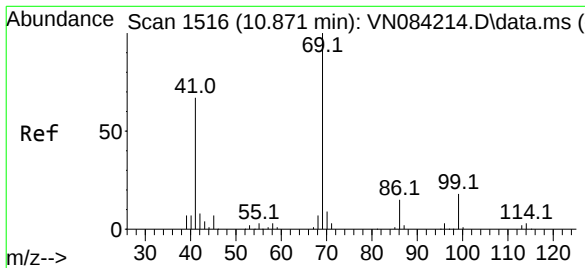
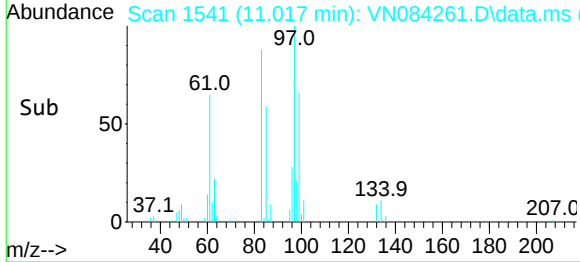
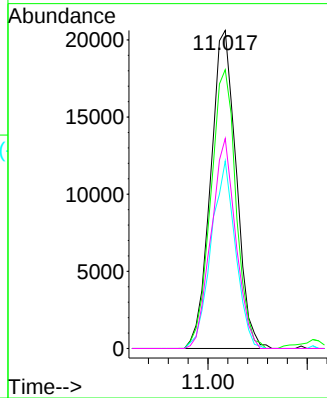
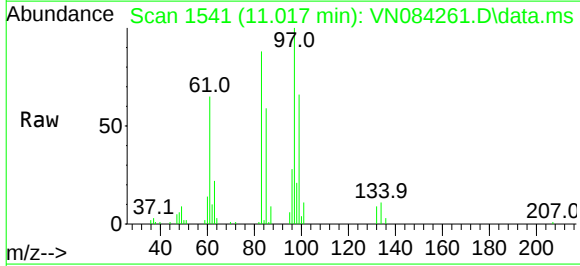
#55
1,1,2-Trichloroethane
Concen: 20.912 ug/l
RT: 11.017 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tgt Ion:	97	Resp:	36942
Ion	Ratio	Lower	Upper
97	100		
83	87.7	71.0	106.4
85	59.0	41.7	62.5
99	66.0	50.1	75.1

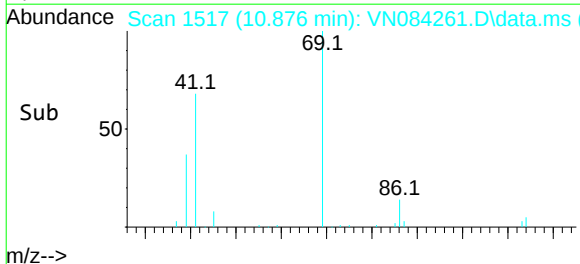
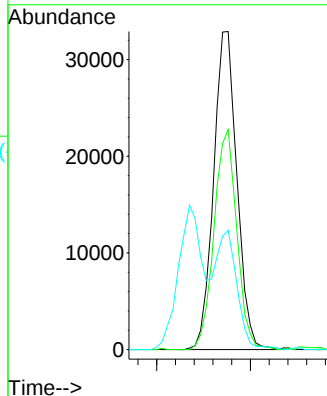
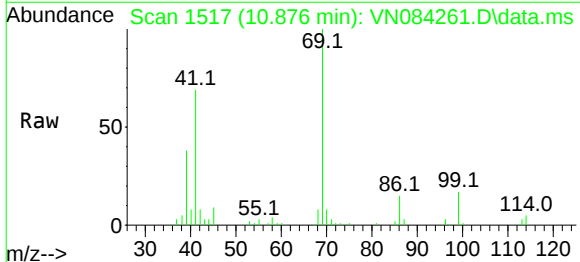
Manual Integrations
APPROVED

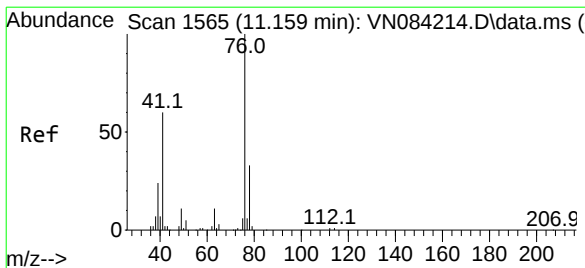
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#56
Ethyl methacrylate
Concen: 19.558 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

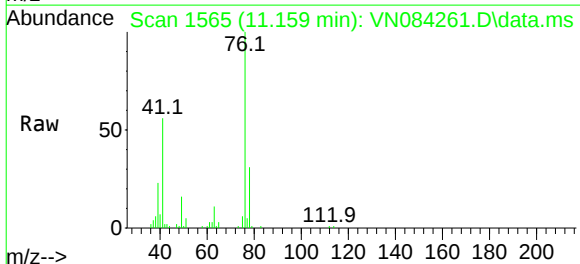
Tgt Ion:	69	Resp:	56851
Ion	Ratio	Lower	Upper
69	100		
41	67.6	53.3	79.9
39	32.4	28.8	43.2





#57
1,3-Dichloropropane
Concen: 20.401 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

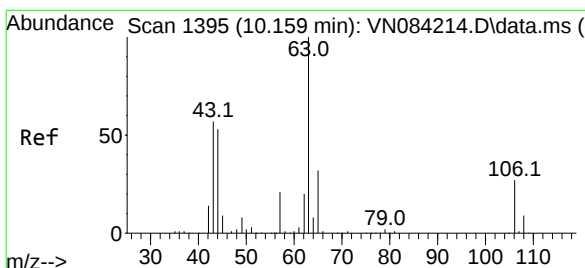
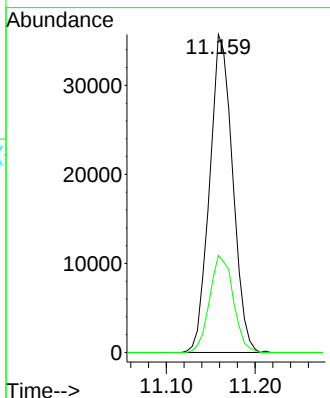
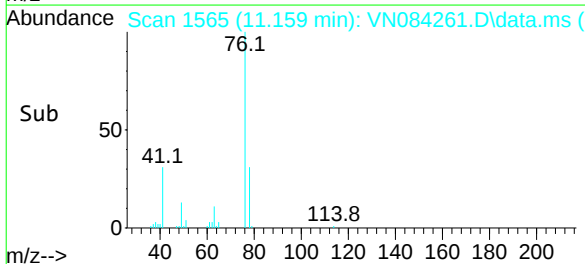
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01



Tgt Ion: 76 Resp: 64399
Ion Ratio Lower Upper
76 100
78 31.2 25.8 38.6

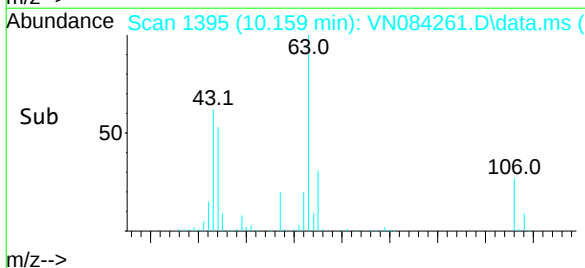
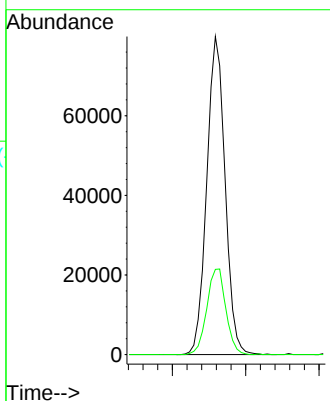
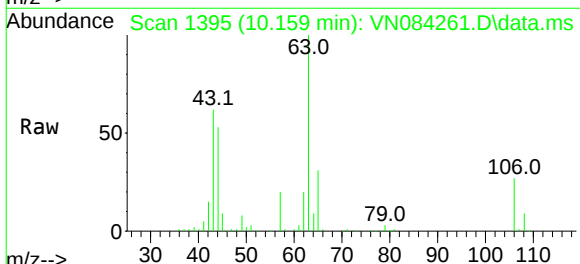
Manual Integrations
APPROVED

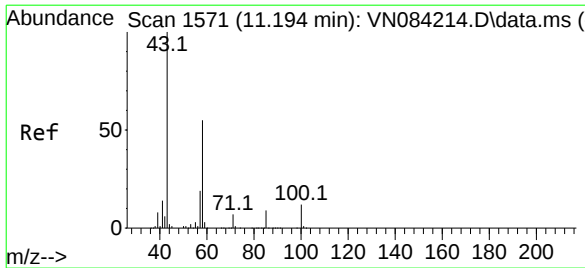
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#58
2-Chloroethyl Vinyl ether
Concen: 102.732 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

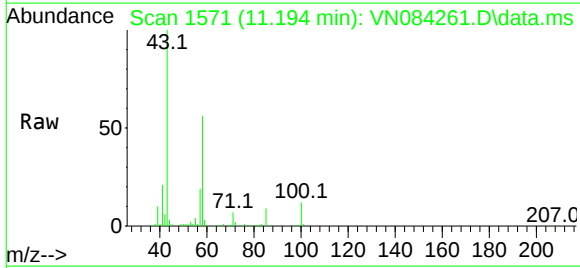
Tgt Ion: 63 Resp: 138529
Ion Ratio Lower Upper
63 100
106 28.0 21.8 32.6





#59
2-Hexanone
Concen: 100.855 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

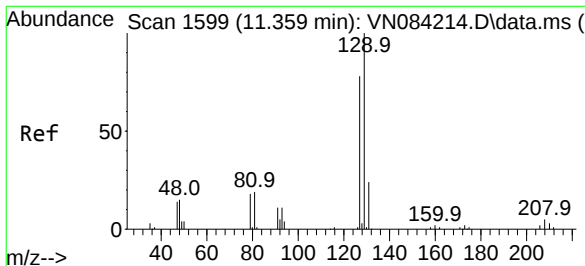
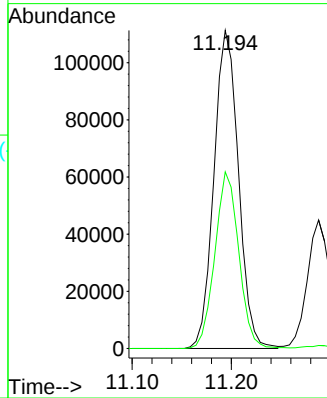
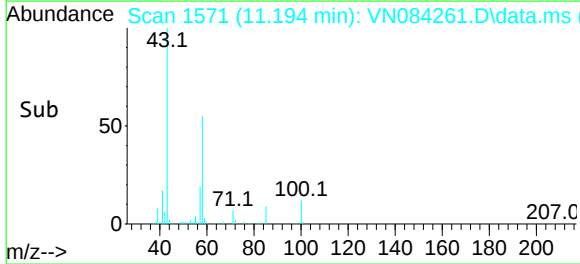
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01



Tgt Ion: 43 Resp: 190943
Ion Ratio Lower Upper
43 100
58 54.2 27.3 81.8

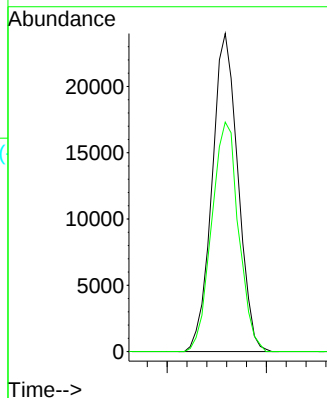
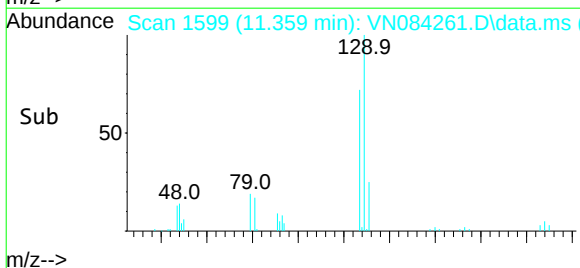
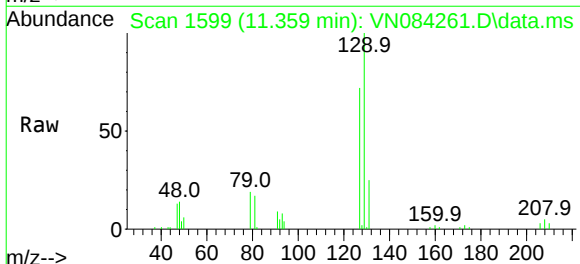
Manual Integrations
APPROVED

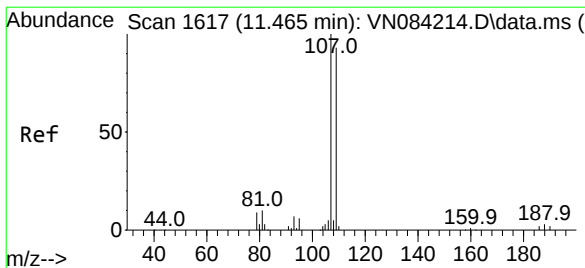
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#60
Dibromochloromethane
Concen: 20.818 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

Tgt Ion:129 Resp: 43452
Ion Ratio Lower Upper
129 100
127 75.2 38.3 114.9





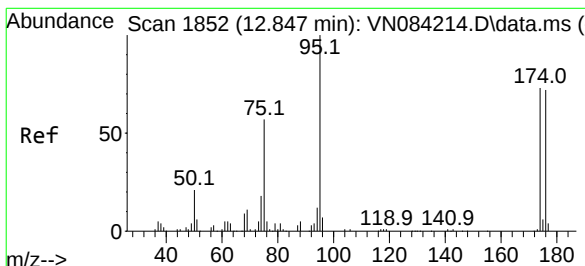
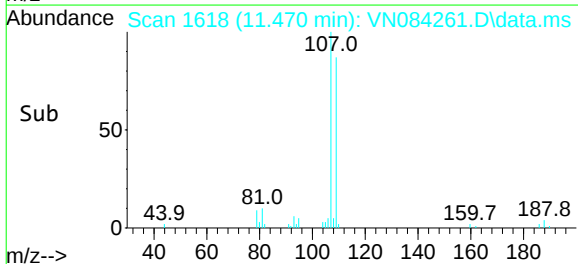
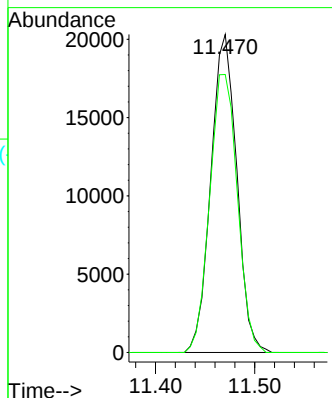
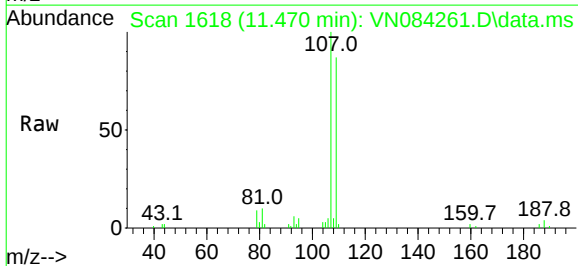
#61
1,2-Dibromoethane
Concen: 20.067 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tgt Ion: 107 Resp: 36835
Ion Ratio Lower Upper
107 100
109 93.5 75.4 113.0

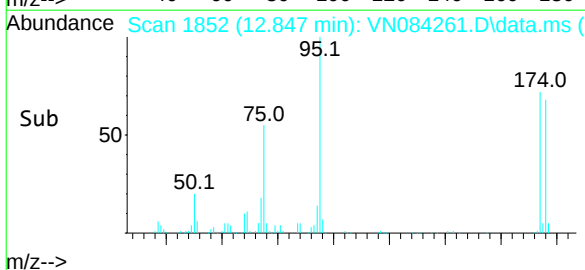
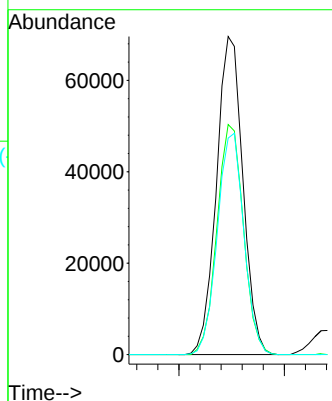
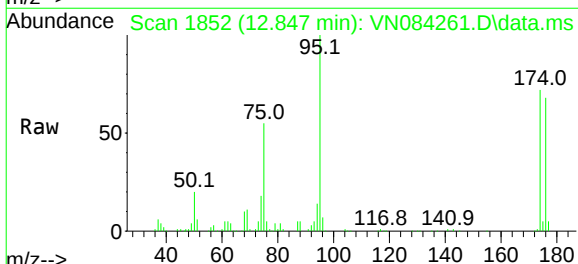
Manual Integrations
APPROVED

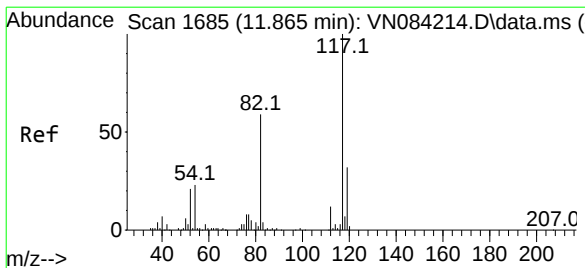
Reviewed By : John Carlone 10/03/2024
Supervised By : Semsettin Yesilyurt 10/03/2024



#62
4-Bromofluorobenzene
Concen: 50.705 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

Tgt Ion: 95 Resp: 121355
Ion Ratio Lower Upper
95 100
174 72.3 0.0 145.2
176 69.9 0.0 140.0





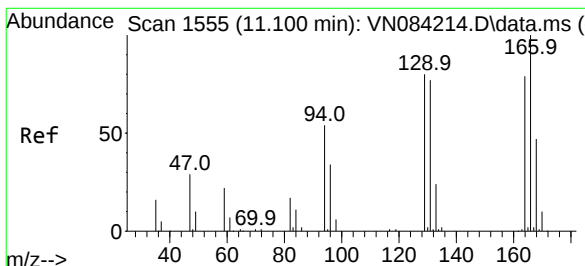
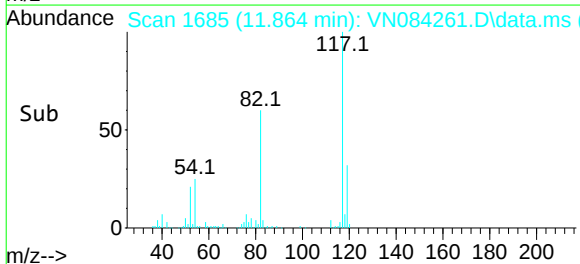
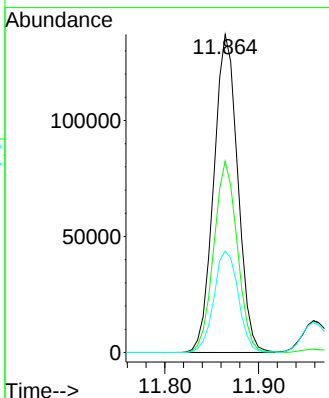
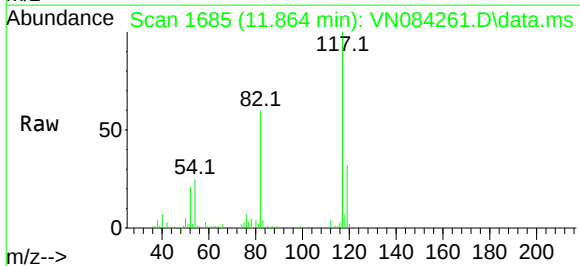
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tgt Ion:	117	Resp:	243364
Ion	Ratio	Lower	Upper
117	100		
82	60.2	47.2	70.8
119	31.9	25.4	38.0

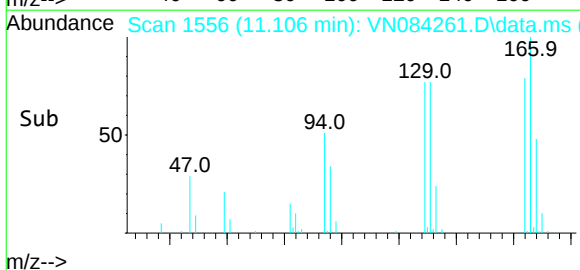
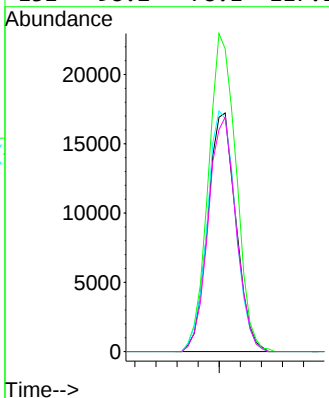
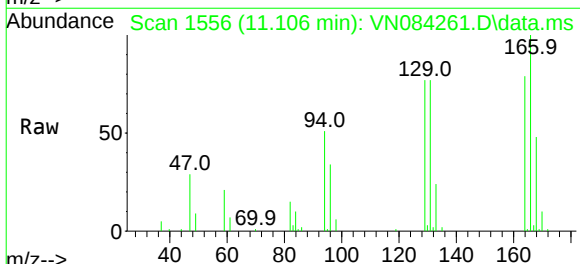
Manual Integrations
APPROVED

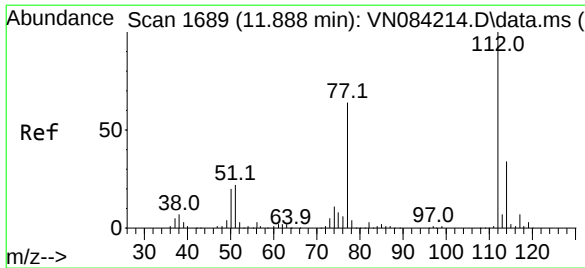
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#64
Tetrachloroethene
Concen: 18.885 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

Tgt Ion:	164	Resp:	32011
Ion	Ratio	Lower	Upper
164	100		
166	126.9	101.0	151.4
129	97.6	80.8	121.2
131	98.2	78.1	117.1





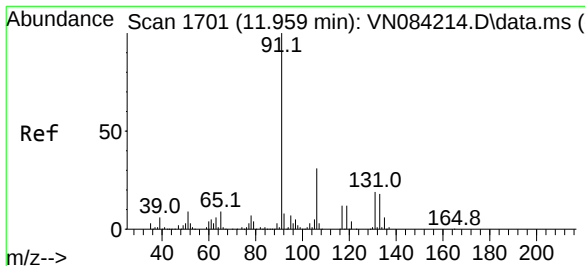
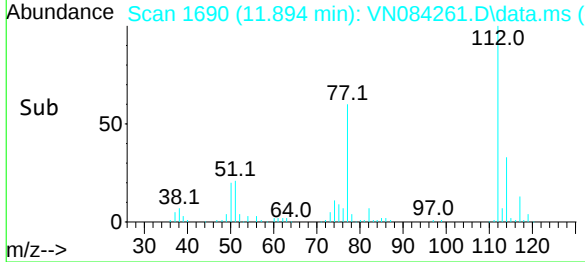
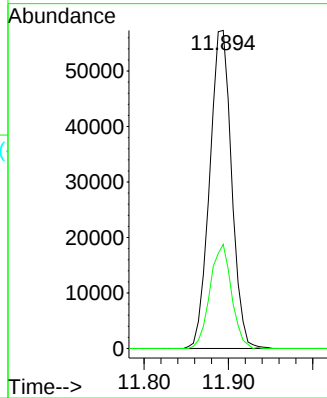
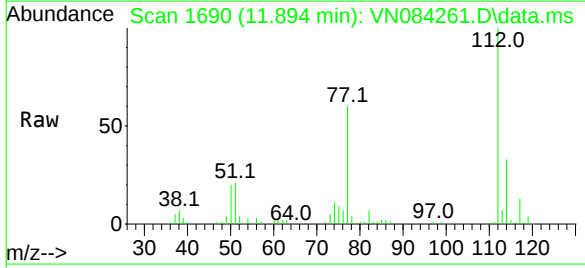
#65
Chlorobenzene
Concen: 19.181 ug/l
RT: 11.894 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tgt Ion:112 Resp: 103501
Ion Ratio Lower Upper
112 100
114 32.7 27.0 40.6

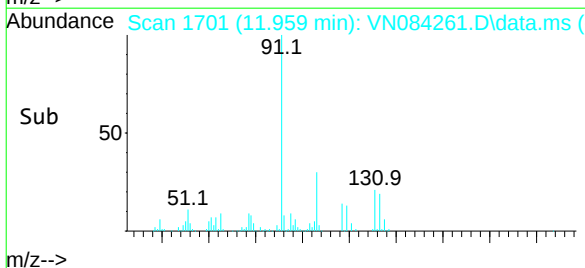
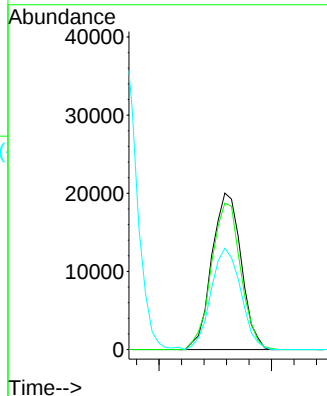
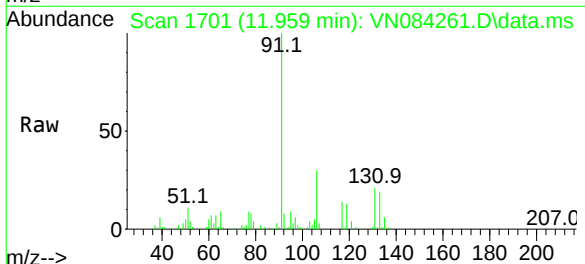
Manual Integrations
APPROVED

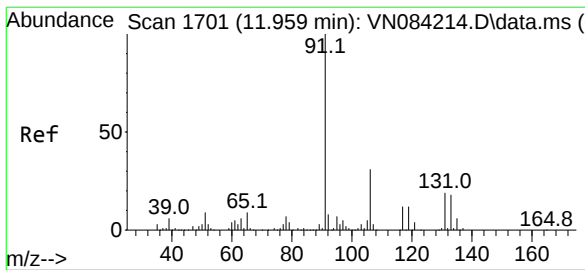
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.578 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

Tgt Ion:131 Resp: 36387
Ion Ratio Lower Upper
131 100
133 93.5 47.9 143.7
119 65.4 32.8 98.3





#67

Ethyl Benzene

Concen: 18.418 ug/l

RT: 11.964 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VN084261.D

Acq: 02 Oct 2024 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

Tgt Ion: 91 Resp: 175756

Ion Ratio Lower Upper

91 100

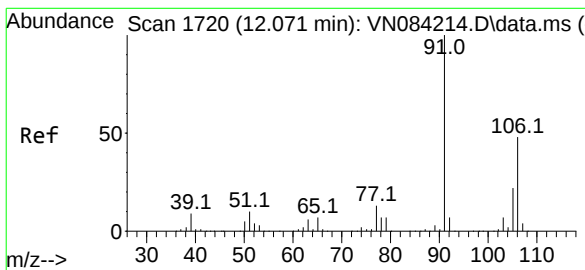
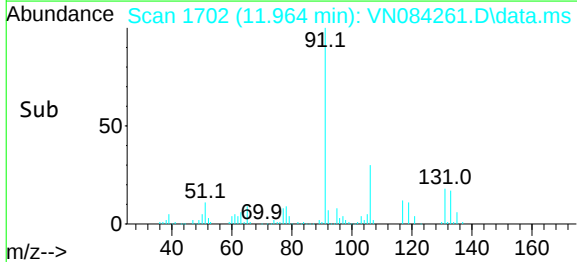
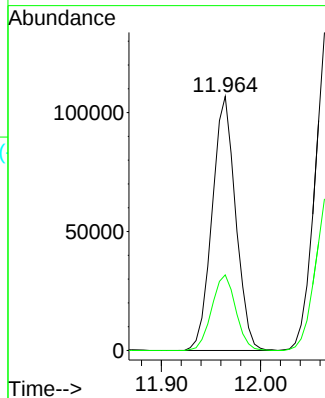
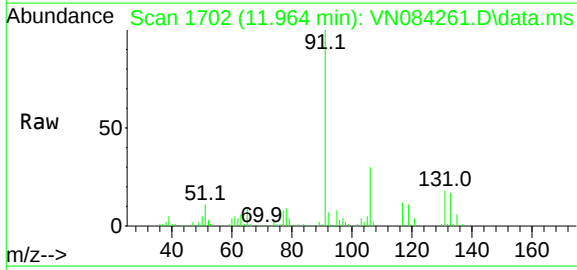
106 29.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#68

m/p-Xylenes

Concen: 38.365 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN084261.D

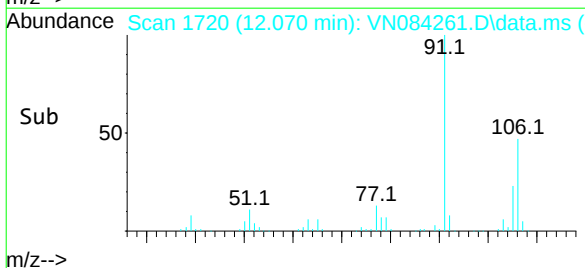
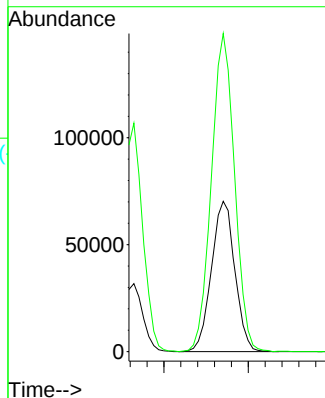
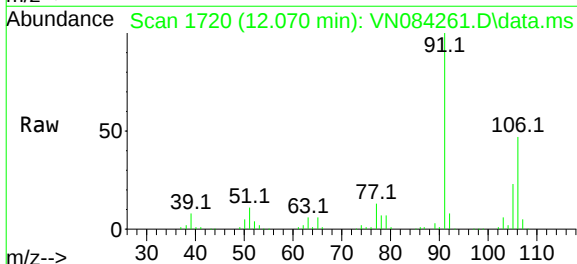
Acq: 02 Oct 2024 13:45

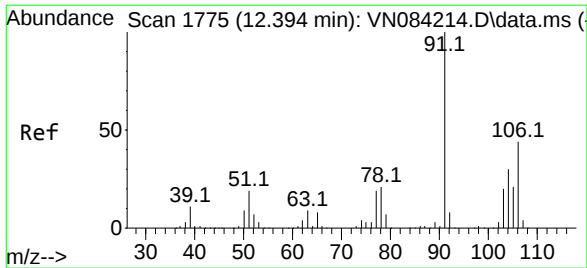
Tgt Ion:106 Resp: 135425

Ion Ratio Lower Upper

106 100

91 209.3 167.1 250.7





#69

o-Xylene

Concen: 19.670 ug/l

RT: 12.400 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VN084261.D

Acq: 02 Oct 2024 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

Tgt Ion:106 Resp: 65693

Ion Ratio Lower Upper

106 100

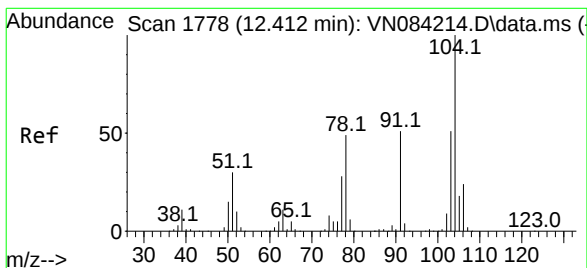
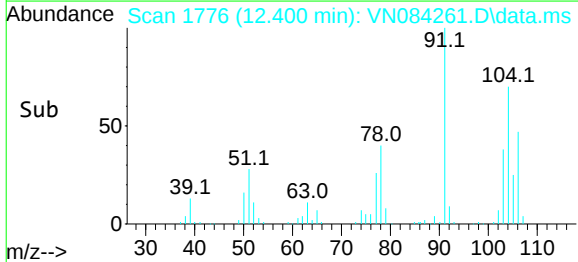
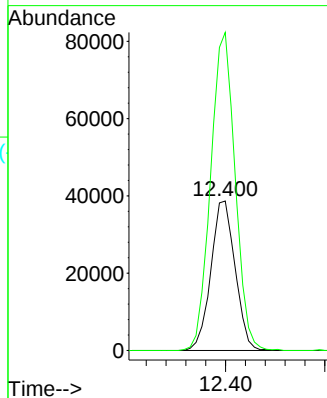
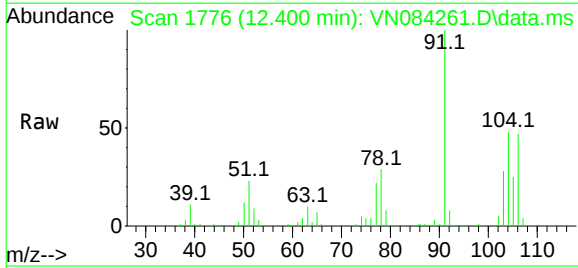
91 214.7 110.2 330.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#70

Styrene

Concen: 19.716 ug/l

RT: 12.411 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN084261.D

Acq: 02 Oct 2024 13:45

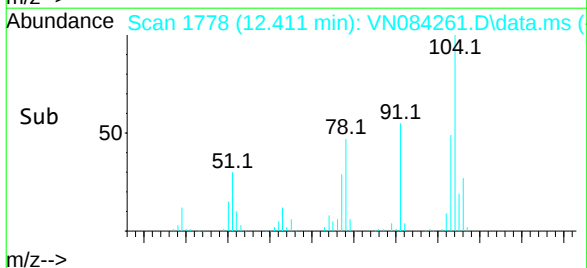
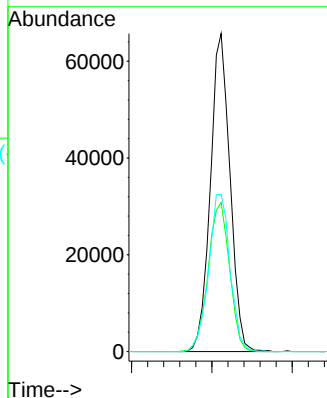
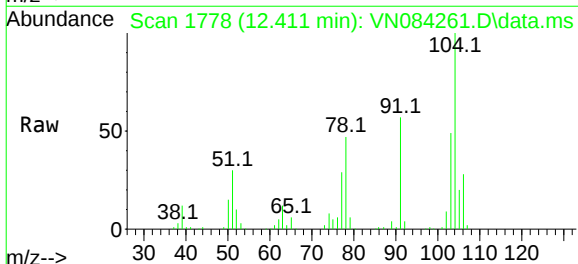
Tgt Ion:104 Resp: 111528

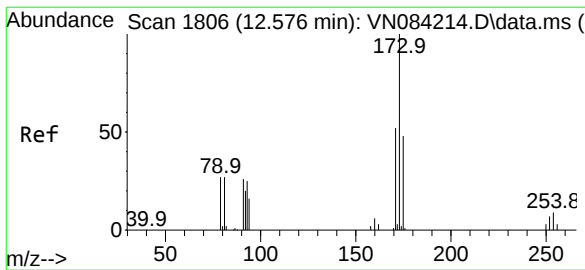
Ion Ratio Lower Upper

104 100

78 51.2 42.7 64.1

103 54.0 43.6 65.4





#71

Bromoform

Concen: 19.953 ug/l

RT: 12.582 min Scan# 1806

Delta R.T. 0.006 min

Lab File: VN084261.D

Acq: 02 Oct 2024 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

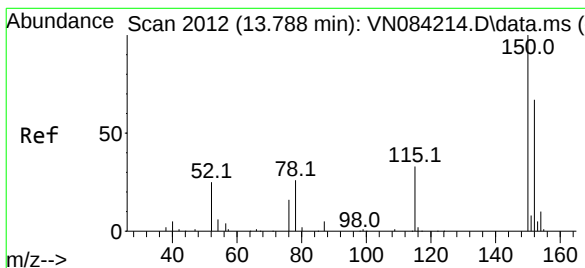
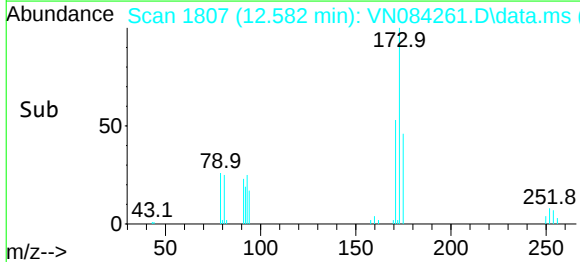
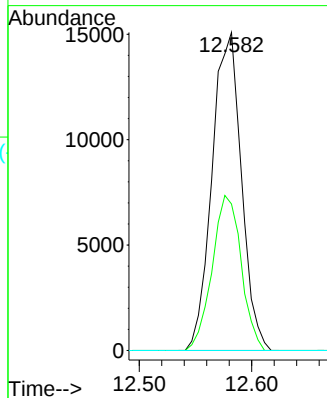
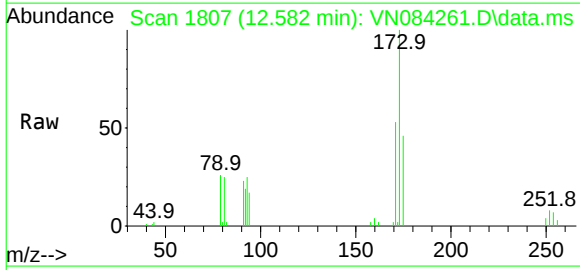
Tgt Ion:	173	Resp:	27303
Ion Ratio	Lower	Upper	
173	100		
175	48.3	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

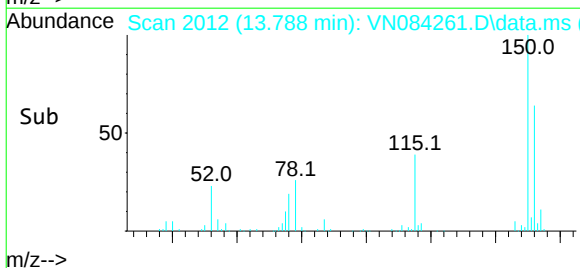
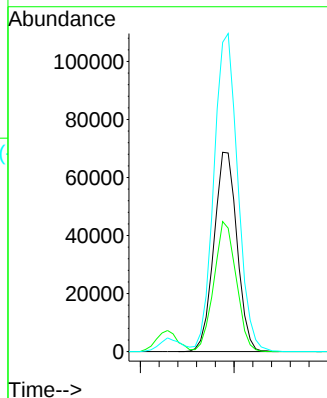
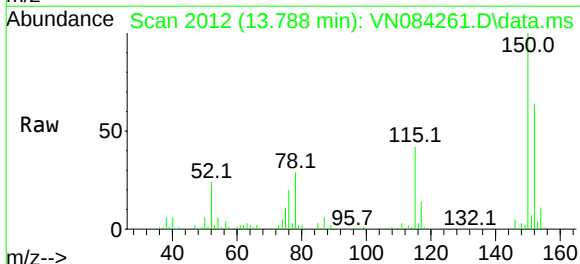
RT: 13.788 min Scan# 2012

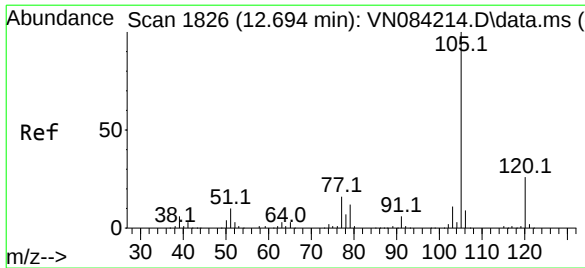
Delta R.T. -0.000 min

Lab File: VN084261.D

Acq: 02 Oct 2024 13:45

Tgt Ion:	152	Resp:	117449
Ion Ratio	Lower	Upper	
152	100		
115	63.2	31.3	93.9
150	165.3	0.0	349.8





#73

Isopropylbenzene

Concen: 18.032 ug/l

RT: 12.694 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN084261.D

Acq: 02 Oct 2024 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

Tgt Ion:105 Resp: 161612

Ion Ratio Lower Upper

105 100

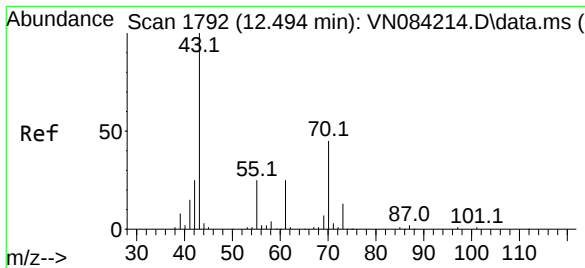
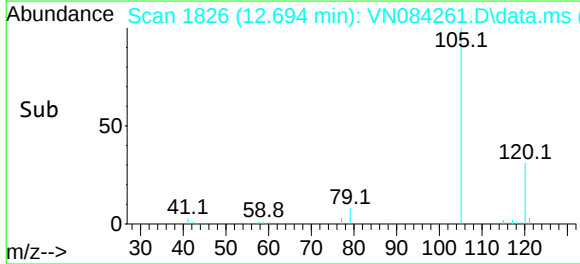
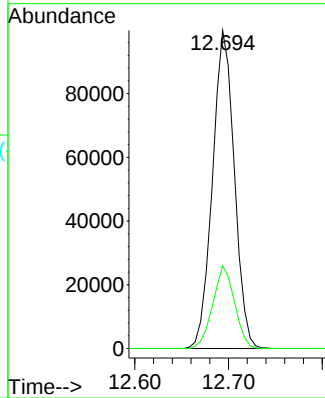
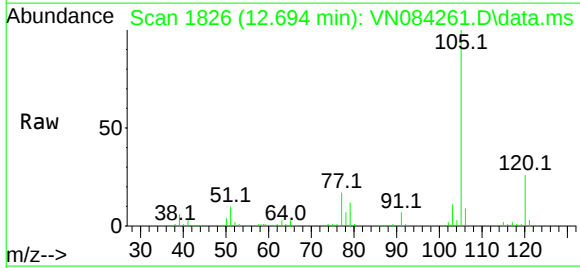
120 25.8 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#74

N-ethyl acetate

Concen: 18.402 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084261.D

Acq: 02 Oct 2024 13:45

Tgt Ion: 43 Resp: 74683

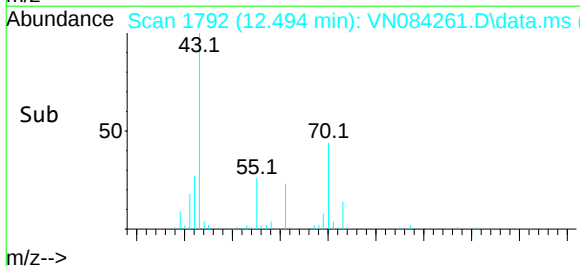
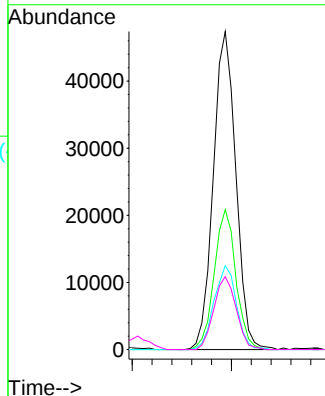
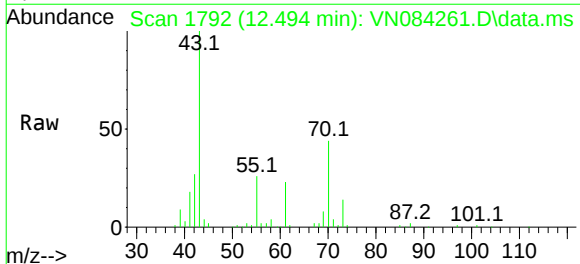
Ion Ratio Lower Upper

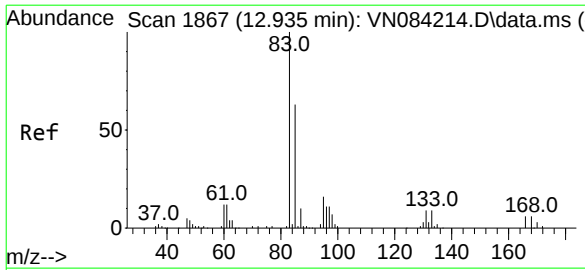
43 100

70 42.4 34.4 51.6

55 26.3 19.6 29.4

61 22.8 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.464 ug/l

RT: 12.935 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN084261.D

Acq: 02 Oct 2024 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

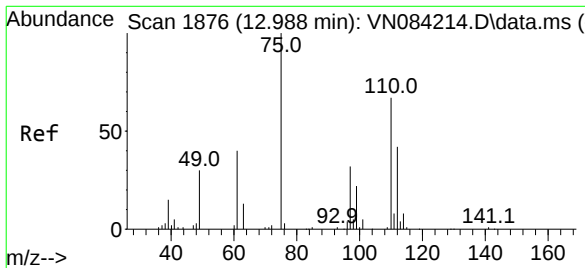
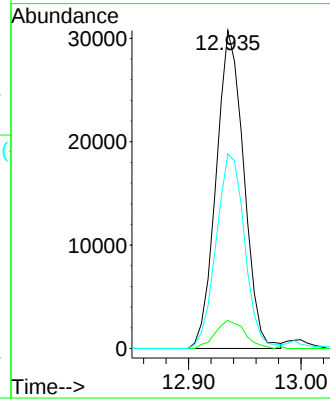
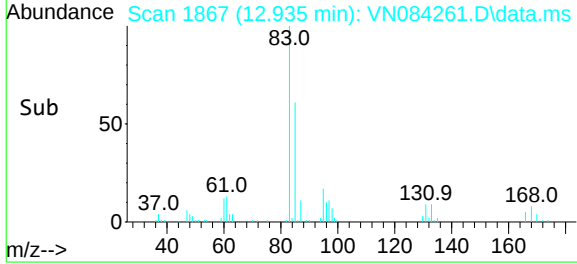
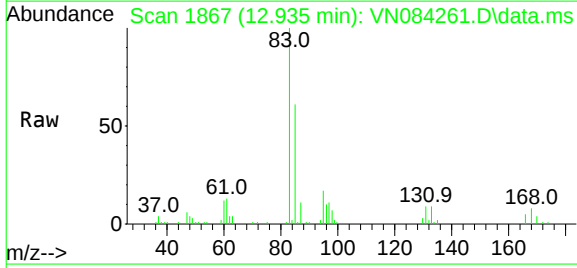
Tgt Ion:	83	Resp:	52453
Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.9	14.7
85	63.3	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#76

1,2,3-Trichloropropane

Concen: 18.688 ug/l m

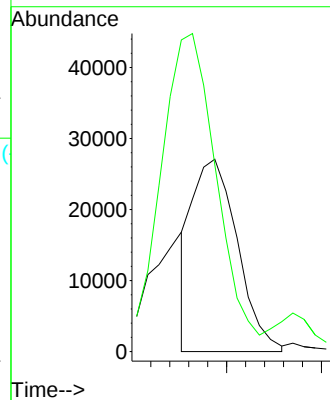
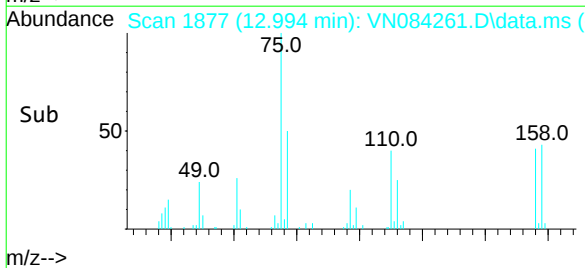
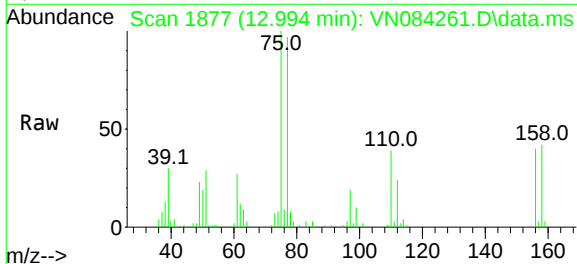
RT: 12.994 min Scan# 1877

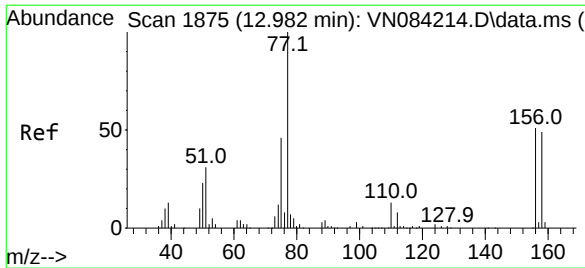
Delta R.T. 0.006 min

Lab File: VN084261.D

Acq: 02 Oct 2024 13:45

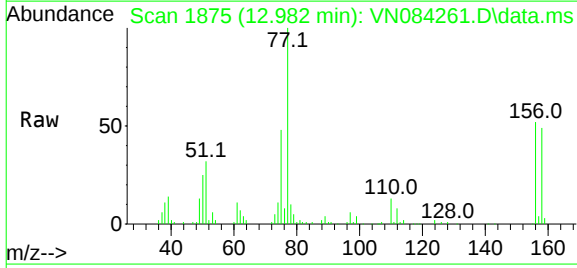
Tgt Ion:	75	Resp:	44809
Ion	Ratio	Lower	Upper
75	100		
77	205.2	96.9	290.7





#77
Bromobenzene
Concen: 18.688 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

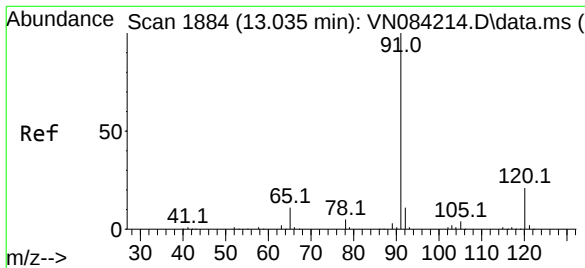
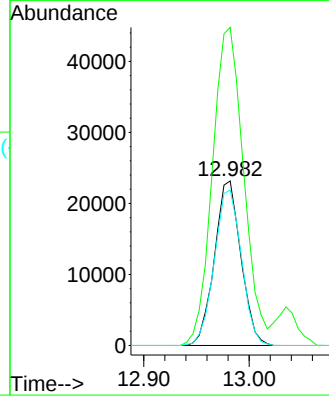
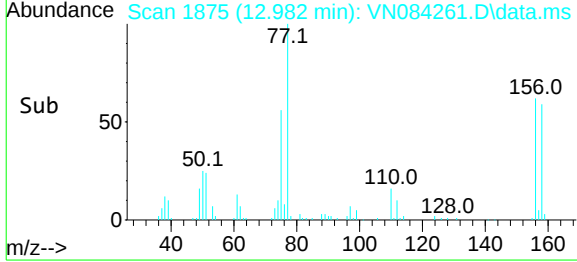
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01



Tgt Ion: 156 Resp: 40400
Ion Ratio Lower Upper
156 100
77 227.6 115.1 345.3
158 97.0 48.9 146.8

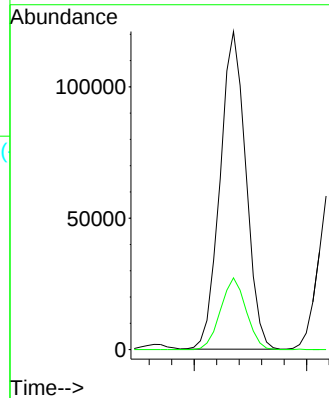
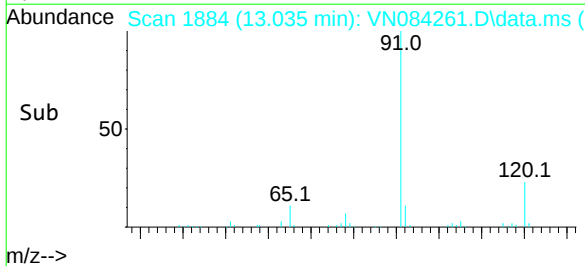
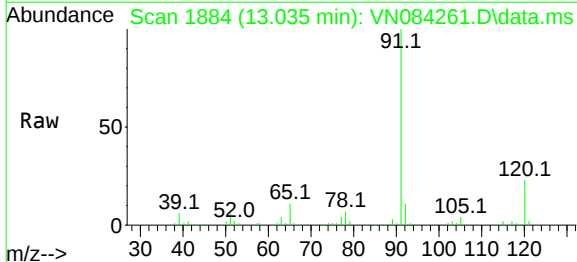
Manual Integrations
APPROVED

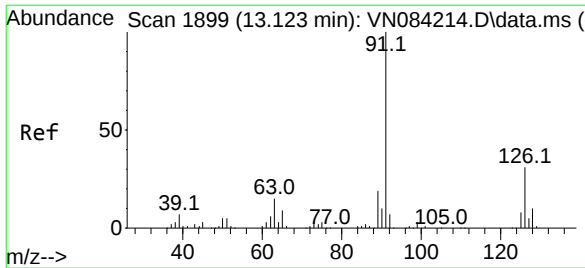
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#78
n-propylbenzene
Concen: 18.558 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

Tgt Ion: 91 Resp: 192701
Ion Ratio Lower Upper
91 100
120 22.3 10.8 32.4





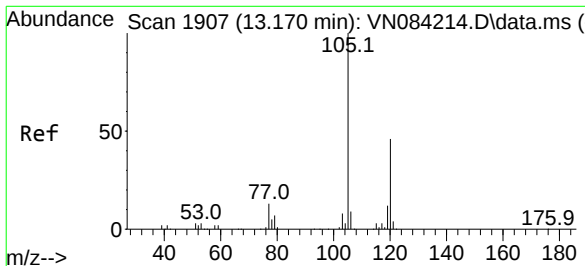
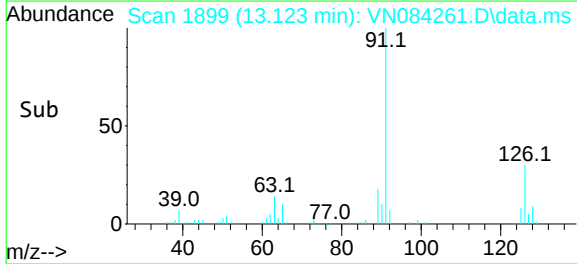
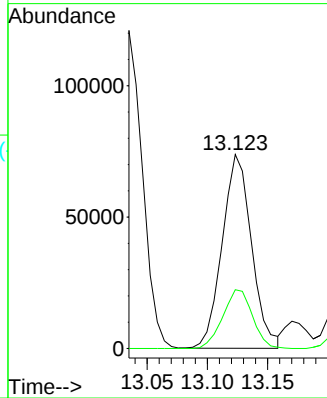
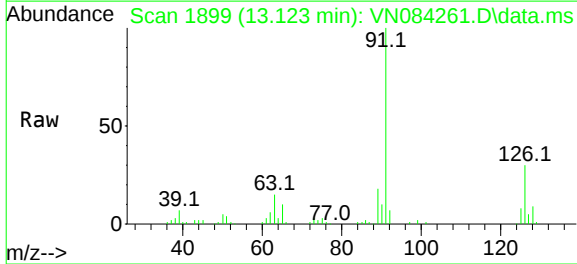
#79
2-Chlorotoluene
Concen: 18.902 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tgt Ion: 91 Resp: 125248
Ion Ratio Lower Upper
91 100
126 30.6 15.7 47.1

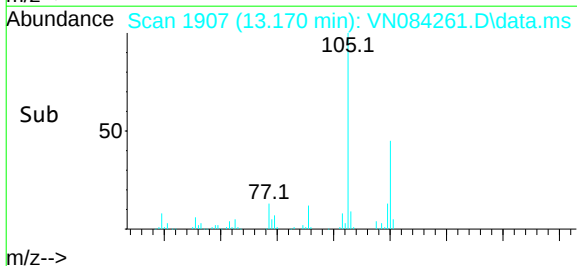
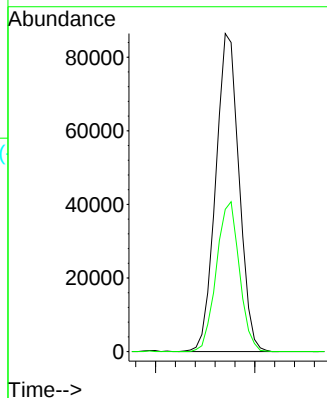
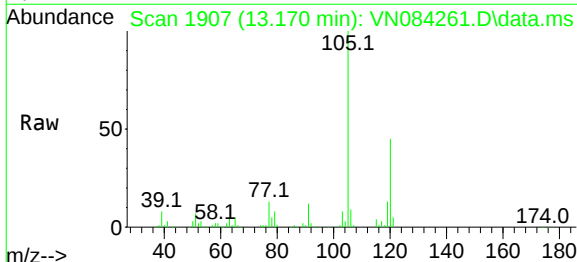
Manual Integrations
APPROVED

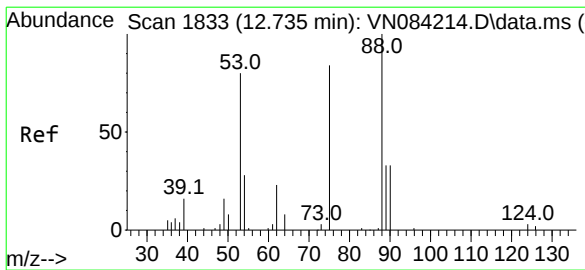
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.298 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

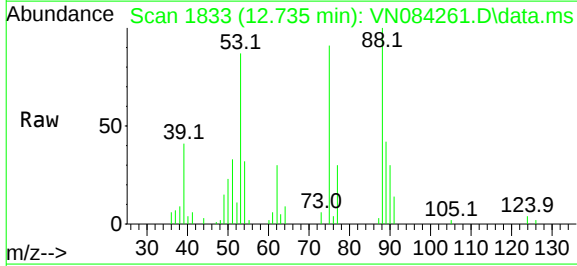
Tgt Ion:105 Resp: 141086
Ion Ratio Lower Upper
105 100
120 46.6 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 17.603 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

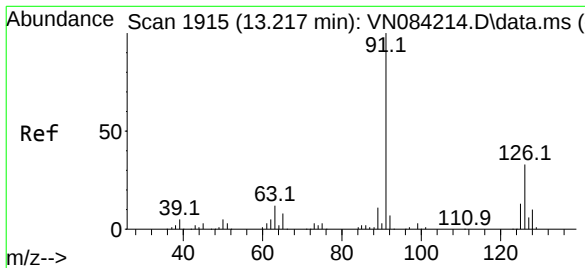
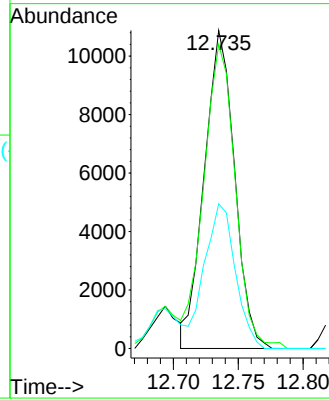
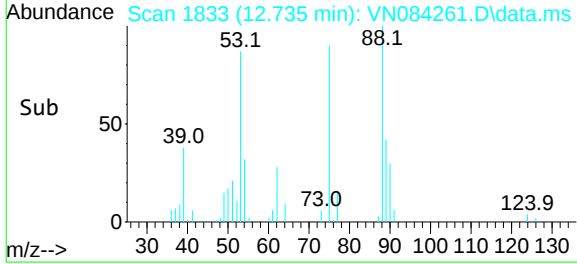
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01



Tgt Ion: 75 Resp: 17605
Ion Ratio Lower Upper
75 100
53 99.7 78.0 117.0
89 45.8 35.5 53.3

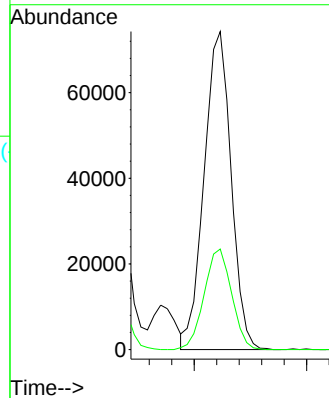
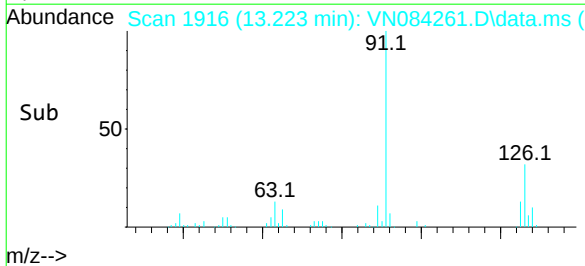
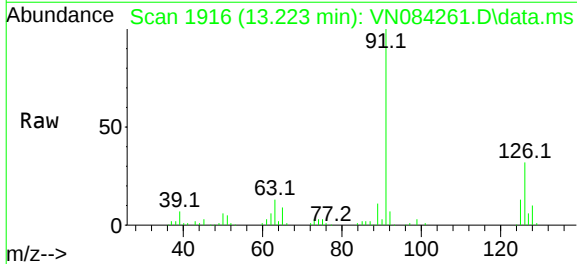
Manual Integrations
APPROVED

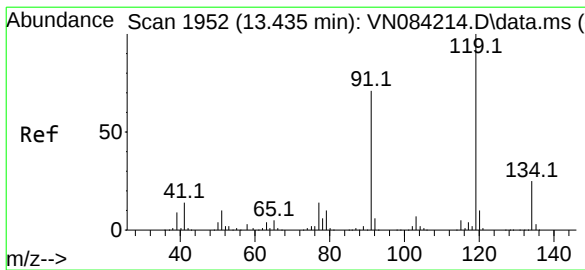
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#82
4-Chlorotoluene
Concen: 18.551 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

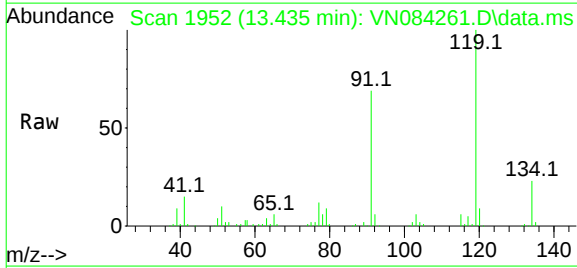
Tgt Ion: 91 Resp: 123739
Ion Ratio Lower Upper
91 100
126 32.1 15.7 47.1





#83
tert-Butylbenzene
Concen: 18.050 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

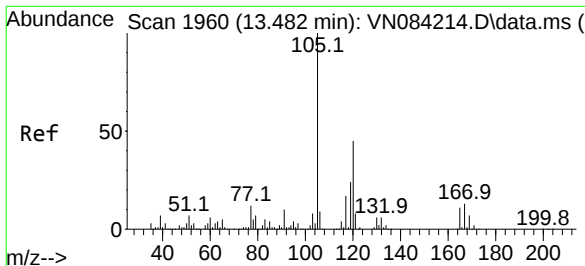
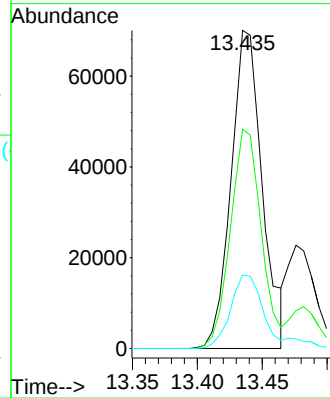
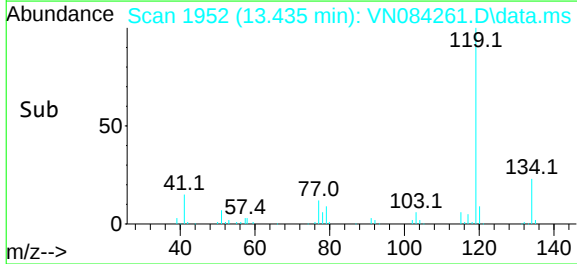
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01



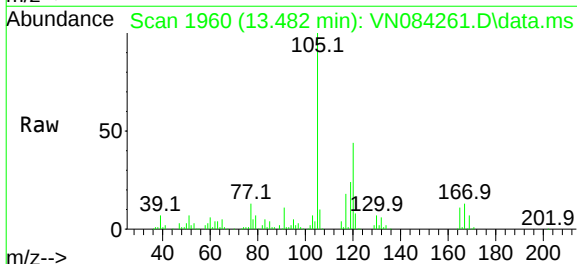
Tgt Ion:119 Resp: 117286
Ion Ratio Lower Upper
119 100
91 68.1 34.1 102.3
134 26.0 12.8 38.4

Manual Integrations
APPROVED

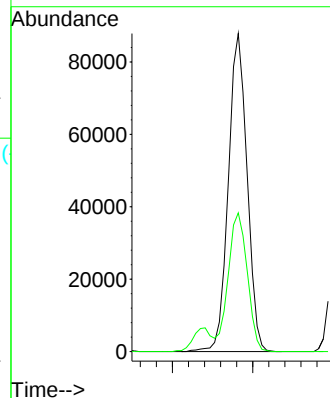
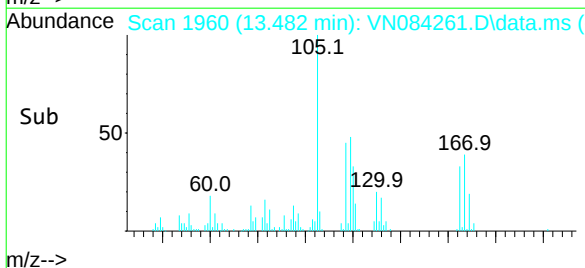
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024

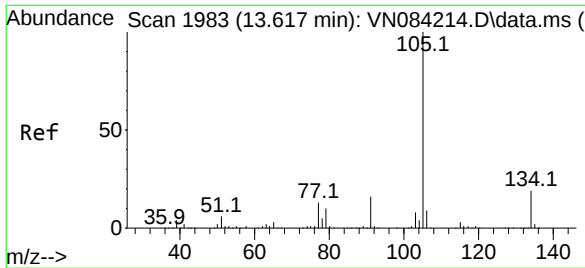


#84
1,2,4-Trimethylbenzene
Concen: 19.313 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45



Tgt Ion:105 Resp: 142239
Ion Ratio Lower Upper
105 100
120 44.4 22.3 66.8





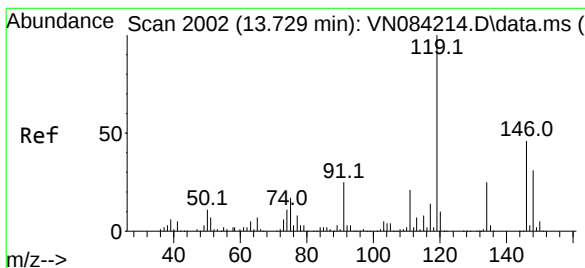
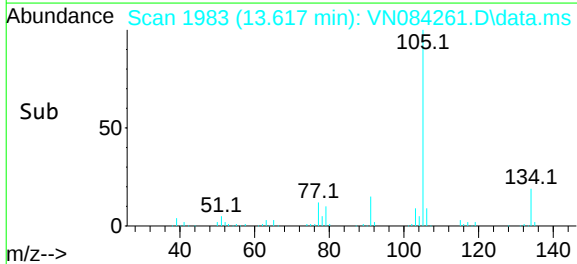
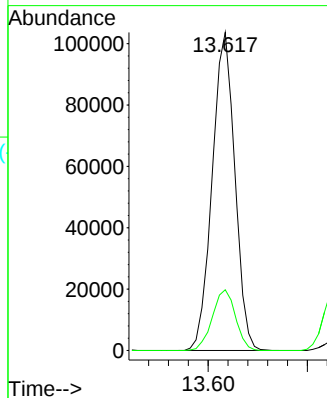
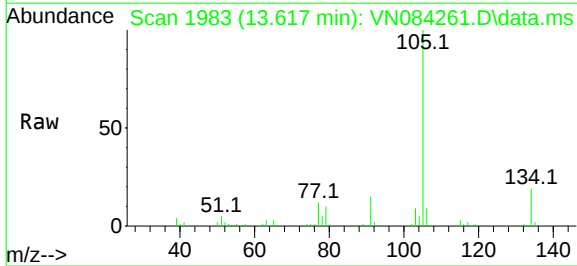
#85
sec-Butylbenzene
Concen: 18.954 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tgt Ion:105 Resp: 164347
Ion Ratio Lower Upper
105 100
134 19.5 9.8 29.4

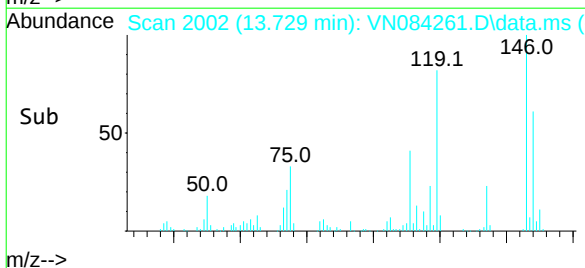
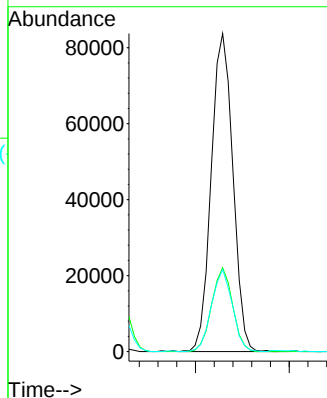
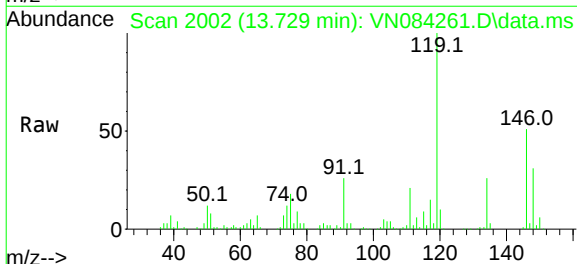
Manual Integrations
APPROVED

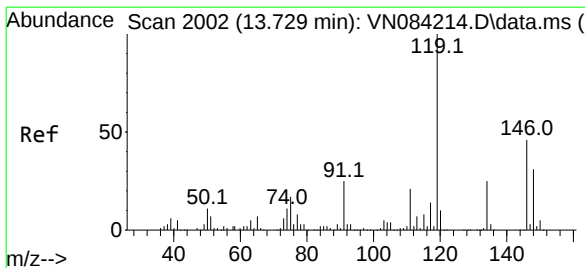
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#86
p-Isopropyltoluene
Concen: 18.742 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

Tgt Ion:119 Resp: 134378
Ion Ratio Lower Upper
119 100
134 25.4 12.6 37.8
91 24.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.865 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN084261.D

Acq: 02 Oct 2024 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

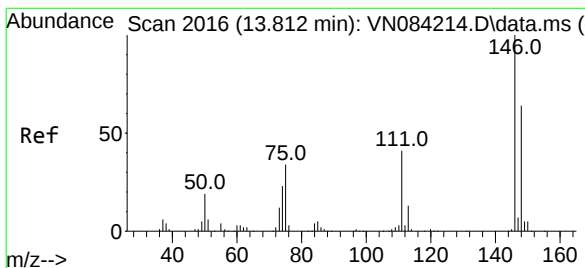
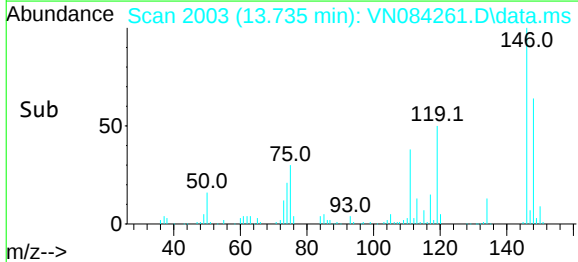
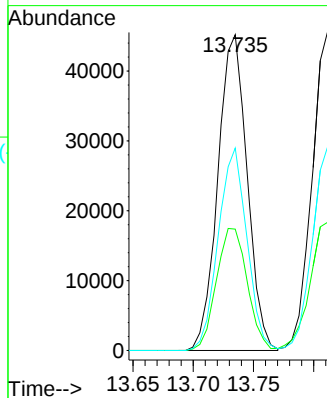
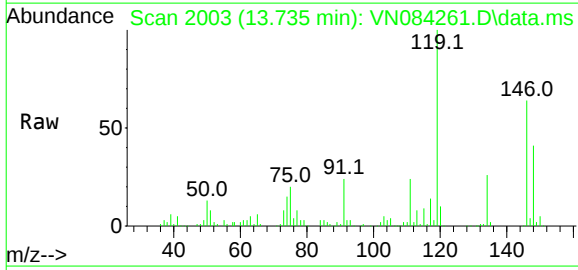
Tgt Ion:	146	Resp:	76508
Ion Ratio	Lower	Upper	
146	100		
111	40.9	21.8	65.3
148	62.7	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#88

1,4-Dichlorobenzene

Concen: 18.543 ug/l

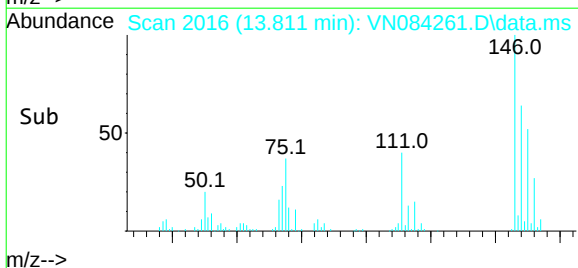
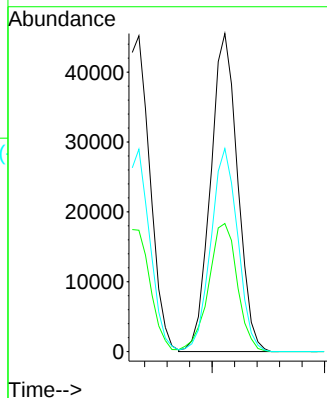
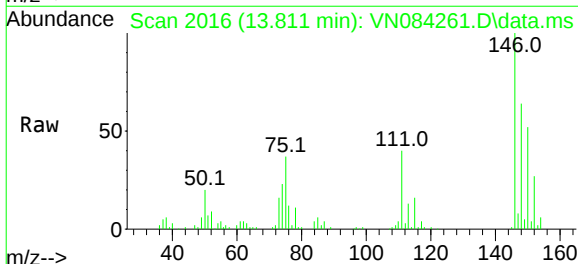
RT: 13.811 min Scan# 2016

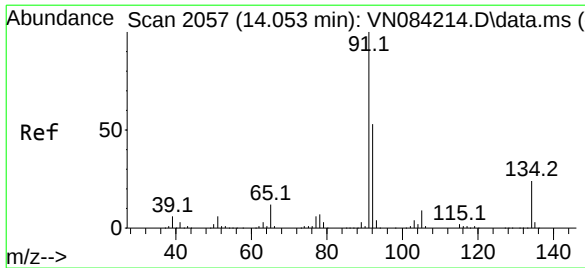
Delta R.T. -0.000 min

Lab File: VN084261.D

Acq: 02 Oct 2024 13:45

Tgt Ion:	146	Resp:	75945
Ion Ratio	Lower	Upper	
146	100		
111	42.6	21.2	63.6
148	63.5	31.9	95.9





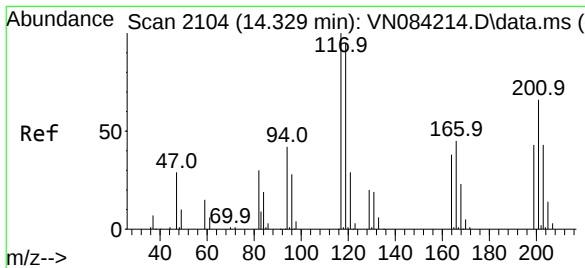
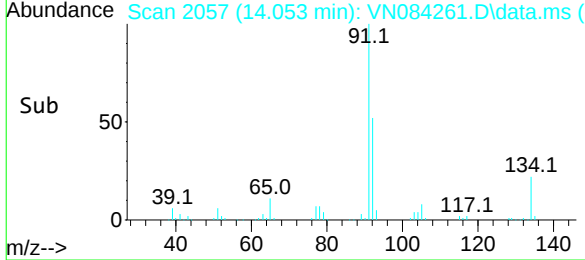
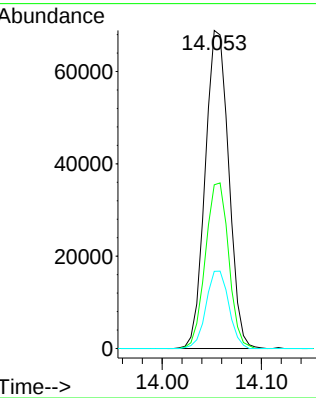
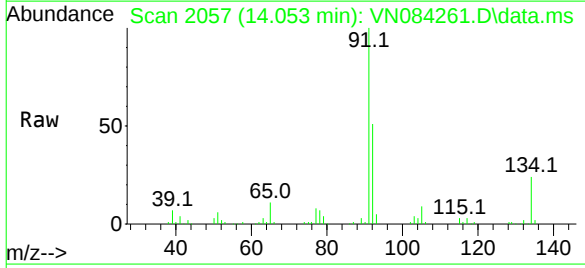
#89
n-Butylbenzene
Concen: 17.454 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tgt Ion:	91	Resp:	113476
Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.6	79.7
134	23.6	12.3	36.9

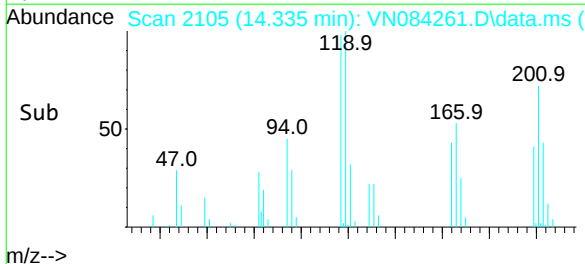
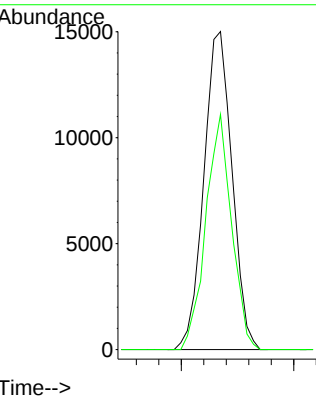
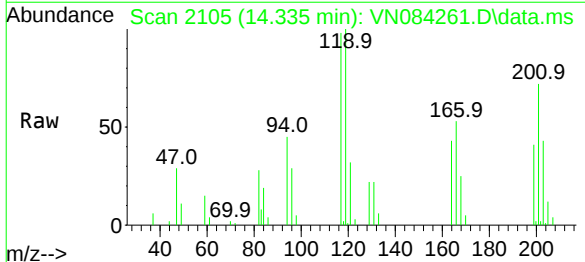
Manual Integrations
APPROVED

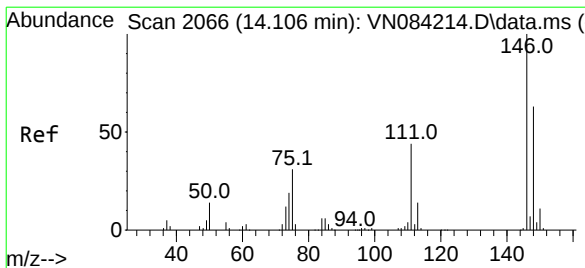
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#90
Hexachloroethane
Concen: 17.952 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

Tgt Ion:	117	Resp:	26127
Ion	Ratio	Lower	Upper
117	100		
201	67.6	34.4	103.2





#91

1,2-Dichlorobenzene

Concen: 18.607 ug/l

RT: 14.105 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN084261.D

Acq: 02 Oct 2024 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

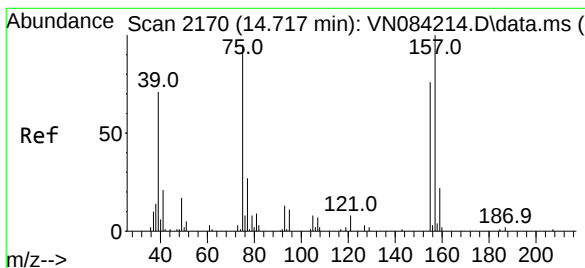
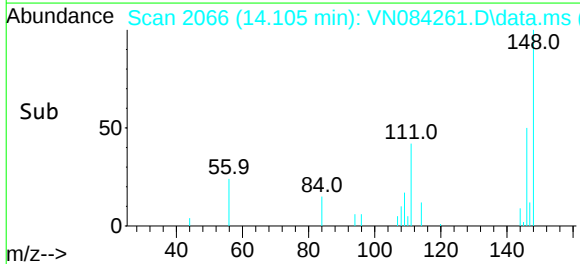
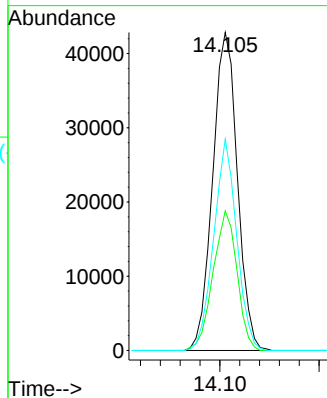
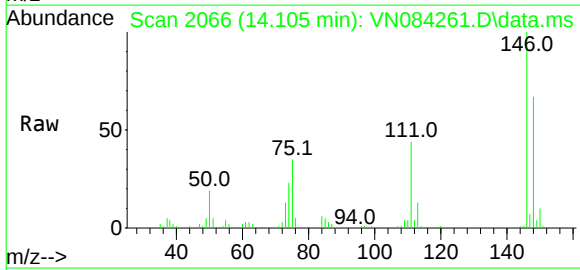
Tgt Ion:	146	Resp:	73995
Ion	Ratio	Lower	Upper
146	100		
111	42.6	22.0	66.0
148	62.0	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.019 ug/l

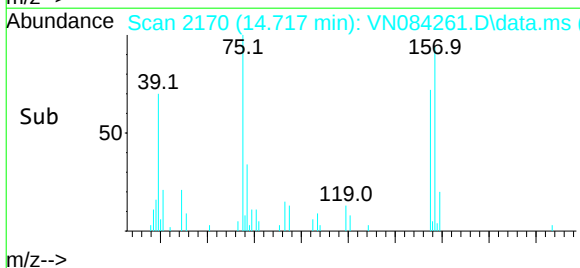
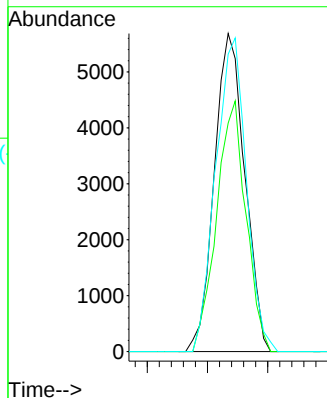
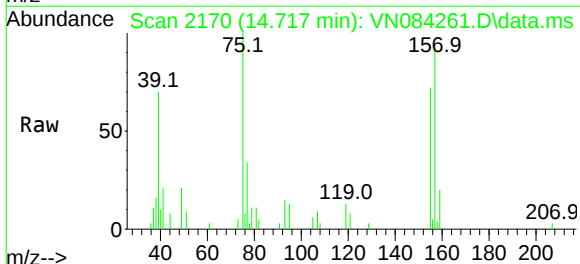
RT: 14.717 min Scan# 2170

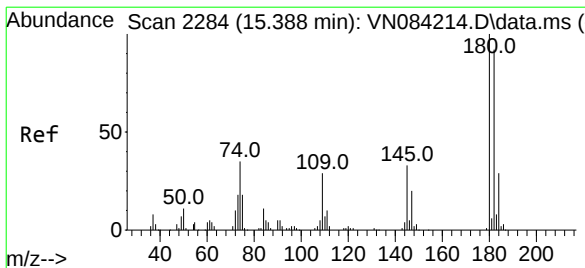
Delta R.T. -0.000 min

Lab File: VN084261.D

Acq: 02 Oct 2024 13:45

Tgt Ion:	75	Resp:	10021
Ion	Ratio	Lower	Upper
75	100		
155	75.8	38.1	114.5
157	99.0	49.6	149.0





#93

1,2,4-Trichlorobenzene

Concen: 17.750 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN084261.D

Acq: 02 Oct 2024 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

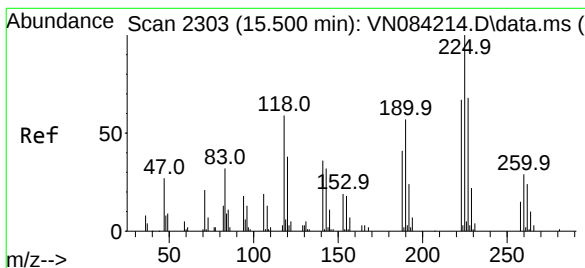
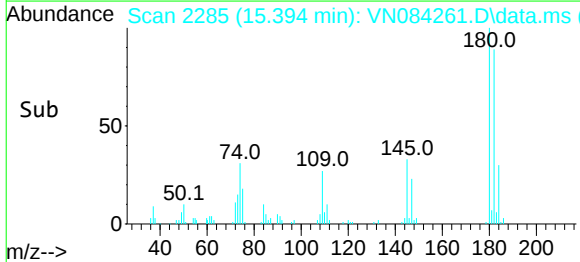
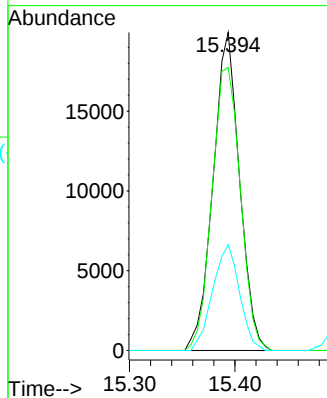
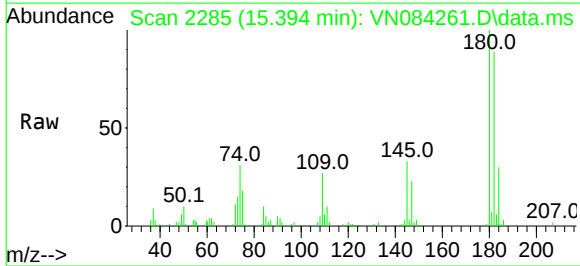
Tgt Ion:	180	Resp:	34768
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.0	141.0
145	33.7	16.4	49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#94

Hexachlorobutadiene

Concen: 16.209 ug/l

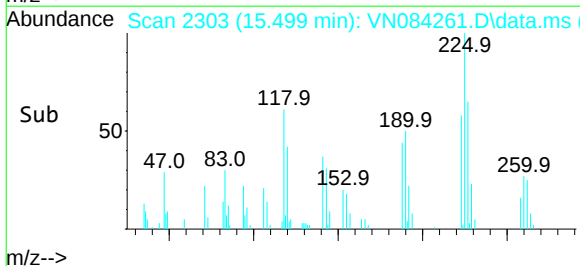
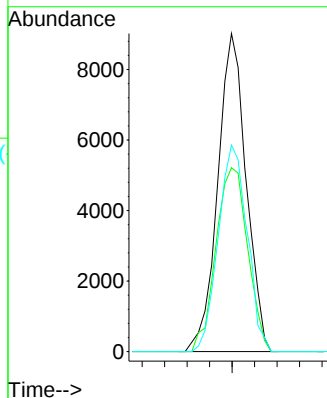
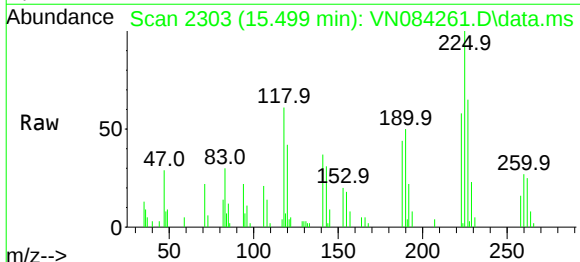
RT: 15.499 min Scan# 2303

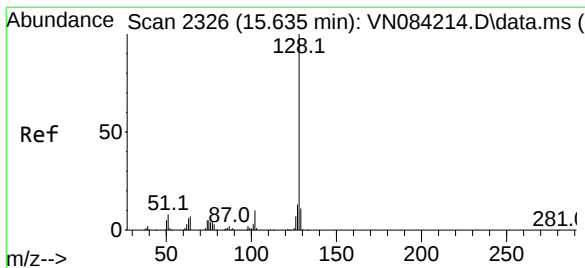
Delta R.T. -0.000 min

Lab File: VN084261.D

Acq: 02 Oct 2024 13:45

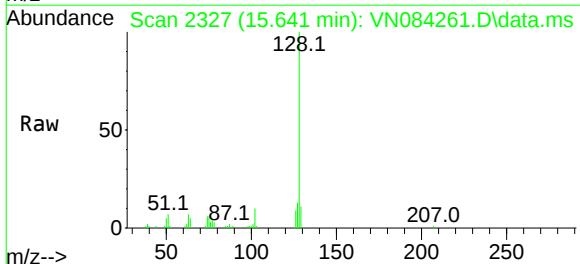
Tgt Ion:	225	Resp:	15833
Ion Ratio	Lower	Upper	
225	100		
223	64.6	32.4	97.2
227	66.0	32.4	97.0





#95
Naphthalene
Concen: 16.248 ug/l
RT: 15.641 min Scan# 2326
Delta R.T. 0.006 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

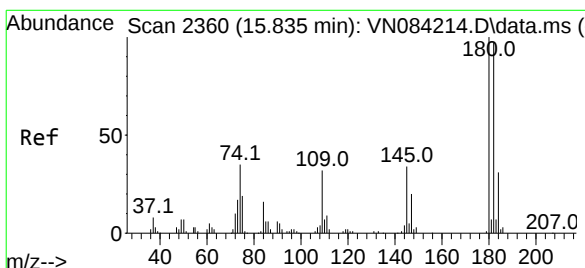
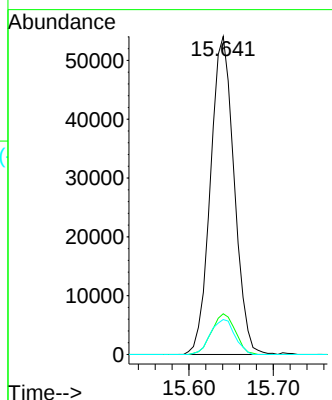
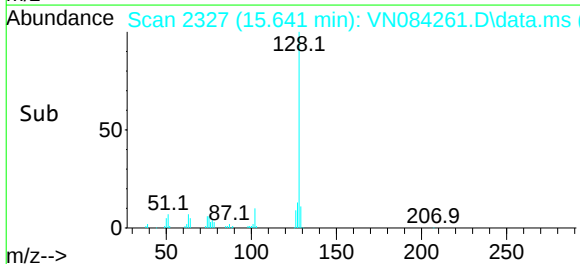
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01



Tgt Ion:128 Resp: 105509
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#96
1,2,3-Trichlorobenzene
Concen: 17.597 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN084261.D
Acq: 02 Oct 2024 13:45

Tgt Ion:180 Resp: 34503
Ion Ratio Lower Upper
180 100
182 94.6 48.2 144.6
145 36.1 17.3 51.9

