

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081723\
 Data File : VN078921.D
 Acq On : 17 Aug 2023 13:03
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2023
 Supervised By : Semsettin Yesilyurt 08/18/2023

Quant Time: Aug 18 05:04:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:01:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	45220	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	254443	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	234740	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	110081	30.048	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.167%			
60) 4-Bromofluorobenzene	12.853	95	102125	29.825	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.400%			
63) Toluene-d8	10.570	98	326064	29.745	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.133%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	57304	20.082	ug/l	100
3) Chloromethane	2.365	50	69026	20.185	ug/l	100
4) Vinyl Chloride	2.512	62	68440	20.221	ug/l	100
5) Bromomethane	2.953	94	40815	19.536	ug/l	100
6) Chloroethane	3.118	64	43001	19.551	ug/l	100
7) Trichlorofluoromethane	3.494	101	88639	19.444	ug/l	100
8) Diethyl Ether	3.965	74	34862	20.333	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	48022	20.192	ug/l	100
10) 1,1-Dichloroethene	4.336	96	49483	20.515	ug/l	100
11) Methyl Iodide	4.594	142	58265	20.158	ug/l	100
12) Methyl Acetate	5.030	43	114353	20.368	ug/l	100
13) Acrolein	4.183	56	37511	95.856	ug/l	100
14) Acrylonitrile	5.736	53	152648	103.431	ug/l	100
15) Acetone	4.436	58	44855	98.966	ug/l	100
16) Carbon Disulfide	4.712	76	141562	20.569	ug/l	100
17) Allyl chloride	5.030	41	88192	20.497	ug/l	100
18) Methylene Chloride	5.277	84	58250	20.343	ug/l	100
19) trans-1,2-Dichloroethene	5.788	96	52795	19.584	ug/l	100
20) Diisopropyl ether	6.677	45	196072	20.531	ug/l	100
21) 1,1-Dichloroethane	6.571	63	108132	20.405	ug/l	100
22) cis-1,2-Dichloroethene	7.494	96	65191	21.129	ug/l	100
23) tert-Butyl Alcohol	5.524	59	58172m	105.669	ug/l	
24) Methyl tert-Butyl Ether	5.800	73	177507	20.867	ug/l	100
25) Chloroform	7.971	83	106627	19.974	ug/l	100
26) Cyclohexane	8.265	56	79278	20.452	ug/l #	100
29) 1,1-Dichloropropene	8.377	75	81052	20.940	ug/l	100
30) 2-Butanone	7.494	43	226454	99.940	ug/l	100
31) 2,2-Dichloropropane	7.500	77	87883	20.544	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	94331	20.413	ug/l	100
33) Carbon Tetrachloride	8.365	117	82543	20.622	ug/l	100
34) Benzene	8.612	78	237932	20.513	ug/l	100
35) Methacrylonitrile	7.782	41	50534	20.925	ug/l	100
36) 1,2-Dichloroethane	8.676	62	87061	20.043	ug/l	100
37) Trichloroethene	9.359	130	57469	19.904	ug/l	100
38) Methylcyclohexane	9.606	83	69786	20.479	ug/l	100
39) 1,2-Dichloropropane	9.629	63	62260	19.927	ug/l	100
40) Dibromomethane	9.718	93	42766	20.420	ug/l	100
41) Bromodichloromethane	9.894	83	86165	20.458	ug/l	100
42) Vinyl Acetate	6.612	43	666938	104.395	ug/l	100

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 ALS Vial : 2 Sample Multiplier: 1

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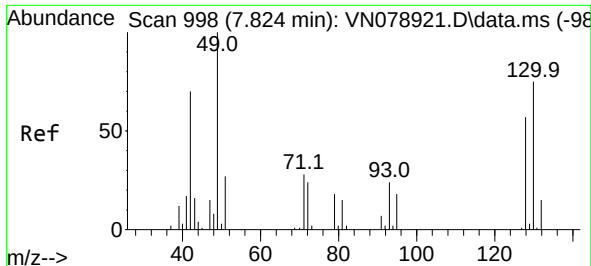
Manual Integrations
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 Supervised By : Semsettin Yesilyurt 08/18/2023

Quant Time: Aug 18 05:04:46 2023
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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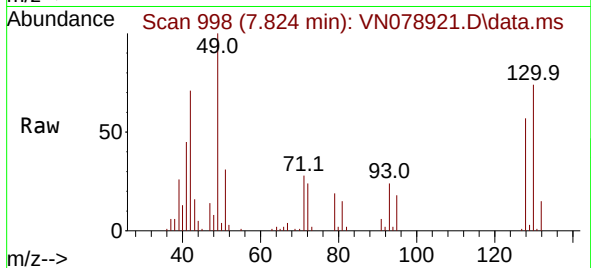
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	86357	20.041	ug/l	100
44) Isopropyl Acetate	8.694	43	160167	20.678	ug/l	100
45) 1,4-Dioxane	9.706	88	23909	410.188	ug/l	100
46) Methyl methacrylate	9.688	41	71226	20.871	ug/l	100
47) n-amyl Acetate	12.500	43	125453	21.106	ug/l	100
48) t-1,3-Dichloropropene	10.841	75	91508	20.400	ug/l	100
49) cis-1,3-Dichloropropene	10.318	75	98456	20.469	ug/l	100
50) 1,1,2-Trichloroethane	11.023	97	59128	20.892	ug/l	100
51) Ethyl methacrylate	10.876	69	91757	20.947	ug/l	100
52) 1,3-Dichloropropane	11.165	76	103347	20.387	ug/l	100
53) Dibromochloromethane	11.365	129	61615	19.891	ug/l	100
54) 1,2-Dibromoethane	11.476	107	59450	20.460	ug/l	100
55) 2-Chloroethyl vinyl ether	10.165	63	194656	96.140	ug/l	100
56) Bromoform	12.582	173	44109	20.183	ug/l	100
58) 4-Methyl-2-Pentanone	10.453	43	460320	98.838	ug/l	100
59) 2-Hexanone	11.200	43	340059	99.656	ug/l	100
61) Tetrachloroethene	11.112	164	45482	20.011	ug/l	100
62) Toluene	10.635	91	256180	19.990	ug/l	100
64) Chlorobenzene	11.894	112	155372	20.164	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.964	131	59452	20.179	ug/l	100
66) Ethyl Benzene	11.964	91	265536	19.808	ug/l	100
67) m/p-Xylenes	12.076	106	202472	40.508	ug/l	100
68) o-Xylene	12.400	106	98262	19.939	ug/l	100
69) Styrene	12.417	104	163458	20.412	ug/l	100
70) Isopropylbenzene	12.700	105	240729	20.160	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	89316	19.953	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	71071m	18.118	ug/l	
73) Bromobenzene	12.982	156	60569	19.924	ug/l	100
74) n-propylbenzene	13.041	91	275340	20.346	ug/l	100
75) 2-Chlorotoluene	13.129	91	172386	20.079	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	191247	20.204	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	27105	19.861	ug/l	100
78) 4-Chlorotoluene	13.223	91	165771	20.154	ug/l	100
79) tert-butylbenzene	13.441	119	157306	19.666	ug/l	100
80) 1,2,4-Trimethylbenzene	13.488	105	189563	20.366	ug/l	100
81) sec-Butylbenzene	13.623	105	216818	20.539	ug/l	100
82) p-Isopropyltoluene	13.735	119	180234	20.912	ug/l	100
83) 1,3-Dichlorobenzene	13.735	146	96170	19.602	ug/l	100
84) 1,4-Dichlorobenzene	13.817	146	99352	20.626	ug/l	100
85) n-Butylbenzene	14.058	91	139659	20.602	ug/l	100
86) Hexachloroethane	14.335	117	34729	19.693	ug/l	100
87) 1,2-Dichlorobenzene	14.111	146	102495	20.397	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.723	75	17078	21.256	ug/l	100
89) 1,2,4-Trichlorobenzene	15.841	180	42324	21.322	ug/l	100
90) Hexachlorobutadiene	15.505	225	22641	21.914	ug/l	100
91) Naphthalene	15.647	128	122067	21.326	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	42324	21.327	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

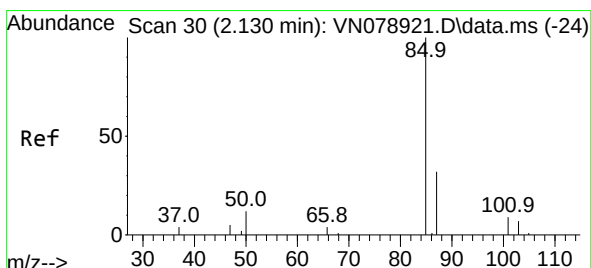
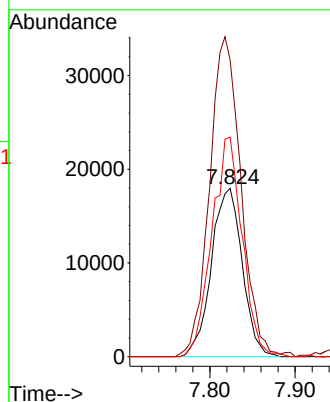
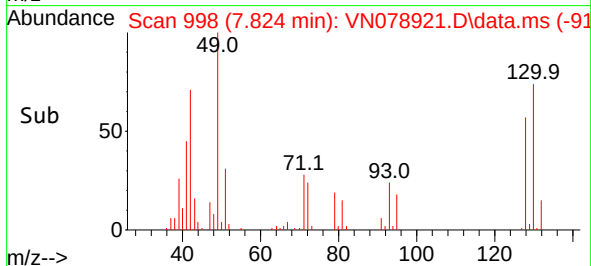
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 45220
Ion Ratio Lower Upper
128 100
49 192.7 0.0 481.8
130 128.2 0.0 320.5

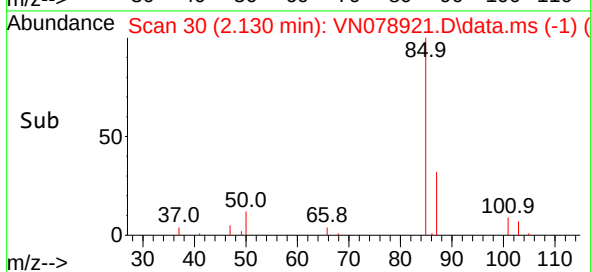
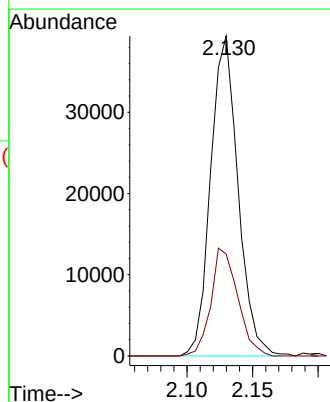
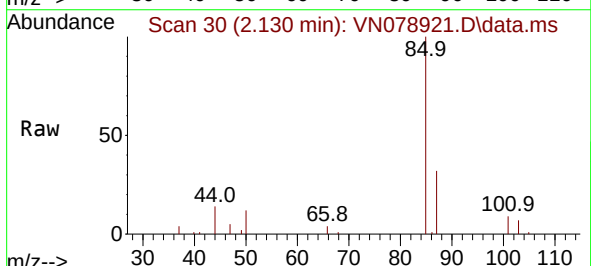
Manual Integrations
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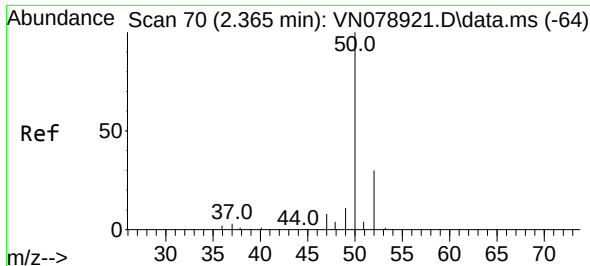
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#2
Dichlorodifluoromethane
Concen: 20.082 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

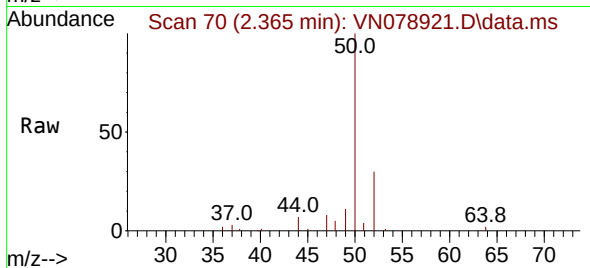
Tgt Ion: 85 Resp: 57304
Ion Ratio Lower Upper
85 100
87 31.8 15.9 47.7





#3
Chloromethane
Concen: 20.185 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

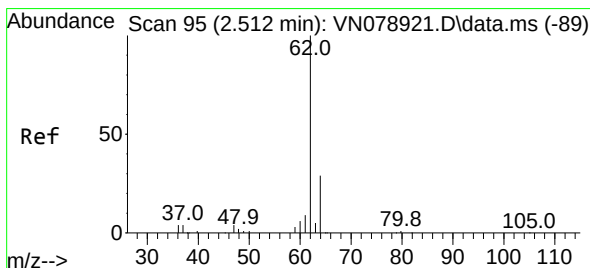
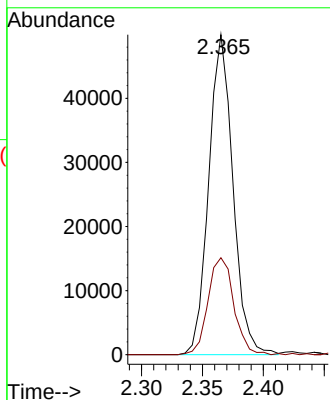
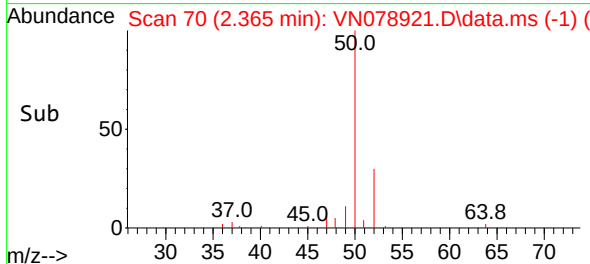
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 50 Resp: 69020
Ion Ratio Lower Upper
50 100
52 30.3 24.2 36.4

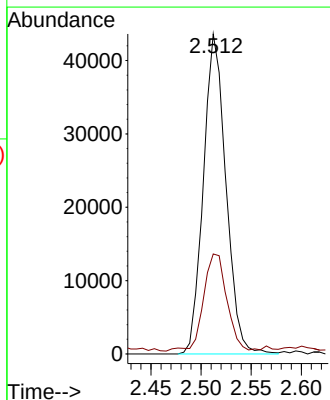
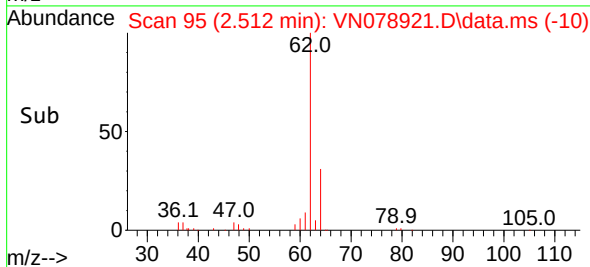
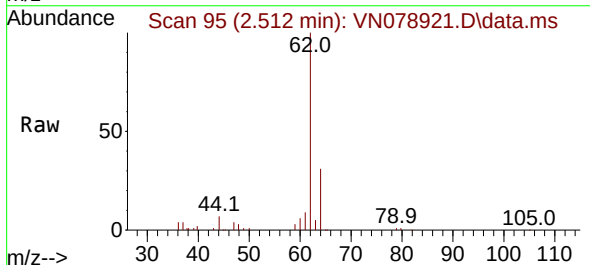
Manual Integrations
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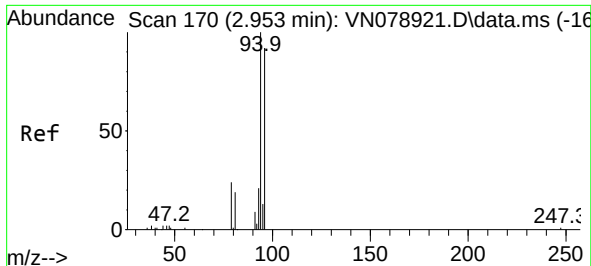
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#4
Vinyl Chloride
Concen: 20.221 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

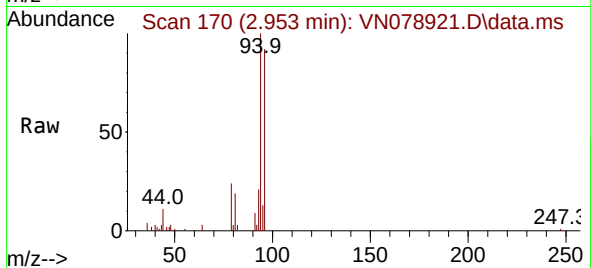
Tgt Ion: 62 Resp: 68440
Ion Ratio Lower Upper
62 100
64 29.8 23.8 35.8





#5
Bromomethane
Concen: 19.536 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

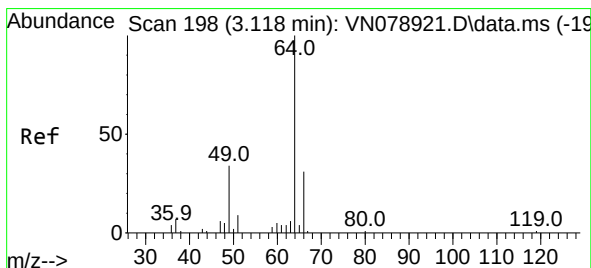
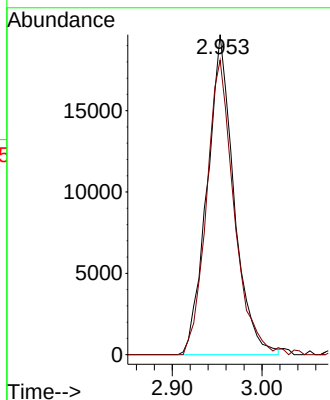
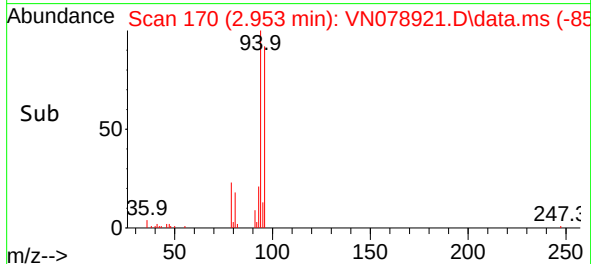
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 94 Resp: 4081
Ion Ratio Lower Upper
94 100
96 92.0 73.6 110.4

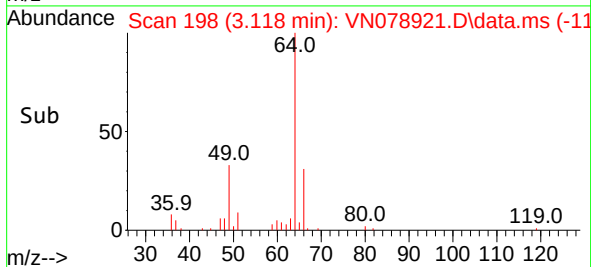
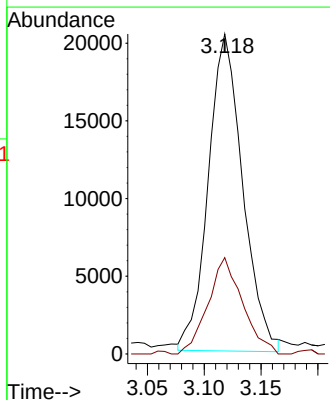
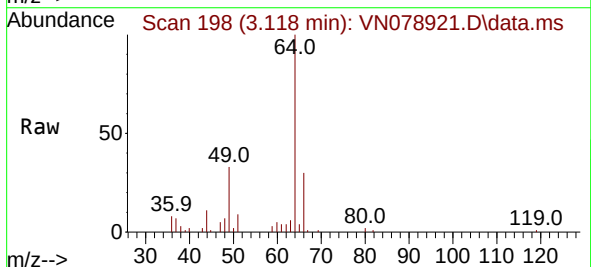
Manual Integrations
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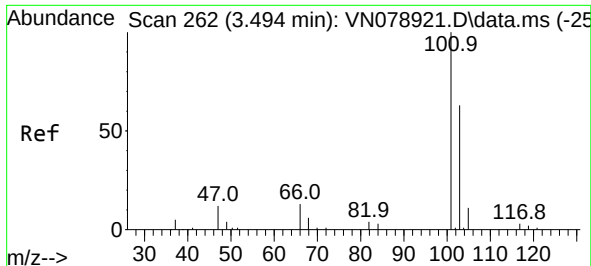
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#6
Chloroethane
Concen: 19.551 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

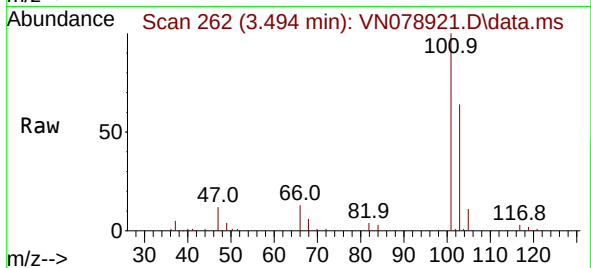
Tgt Ion: 64 Resp: 43001
Ion Ratio Lower Upper
64 100
66 31.1 24.9 37.3





#7
 Trichlorofluoromethane
 Concen: 19.444 ug/l
 RT: 3.494 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN078921.D
 Acq: 17 Aug 2023 13:03

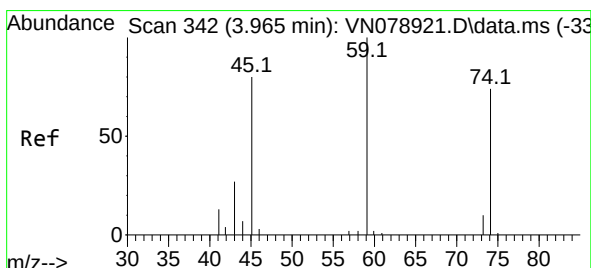
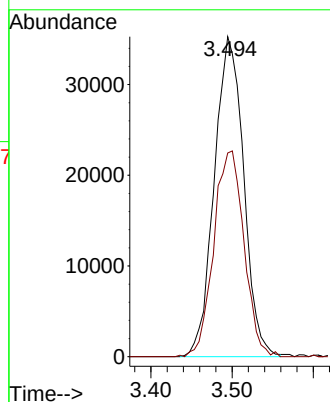
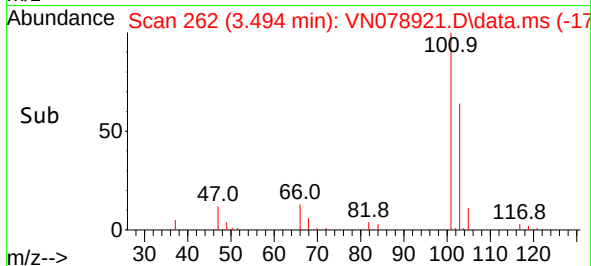
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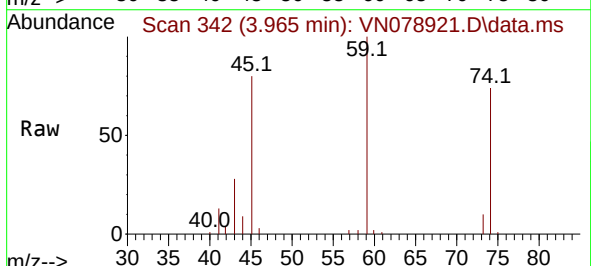
Tgt Ion:101 Resp: 88639
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.9 76.3

Manual Integrations
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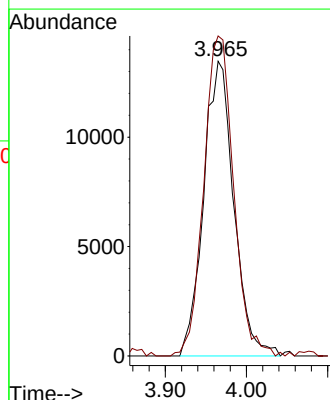
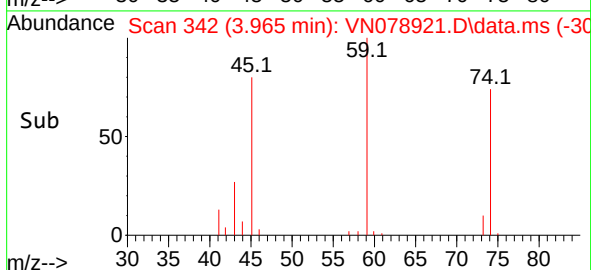
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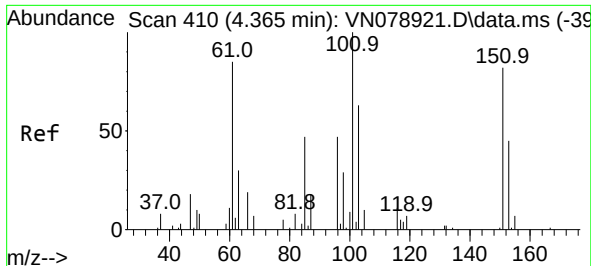


#8
 Diethyl Ether
 Concen: 20.333 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN078921.D
 Acq: 17 Aug 2023 13:03



Tgt Ion: 74 Resp: 34862
 Ion Ratio Lower Upper
 74 100
 45 106.6 21.3 191.9





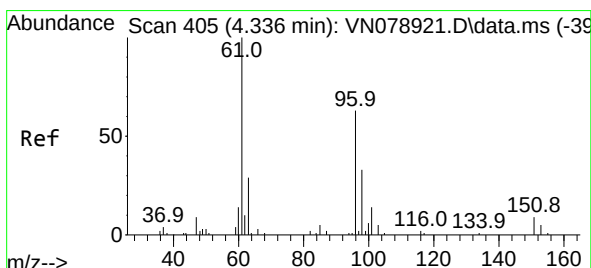
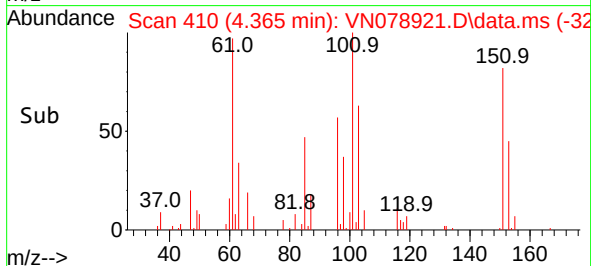
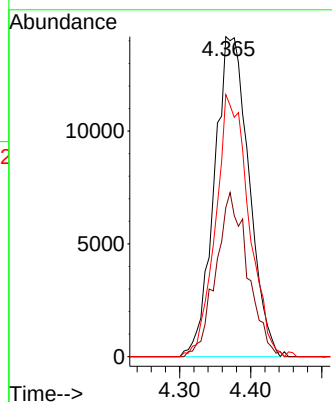
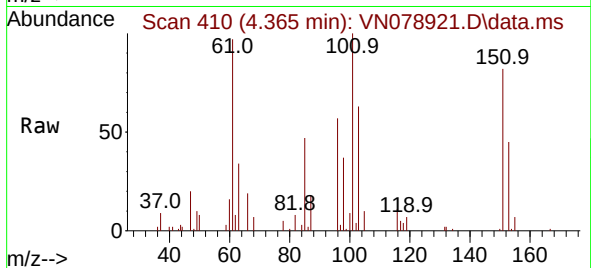
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.192 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 4802
Ion Ratio Lower Upper
101 100
85 32.7 0.0 65.4
151 78.4 0.0 156.8

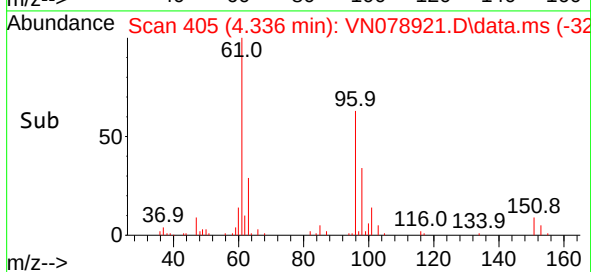
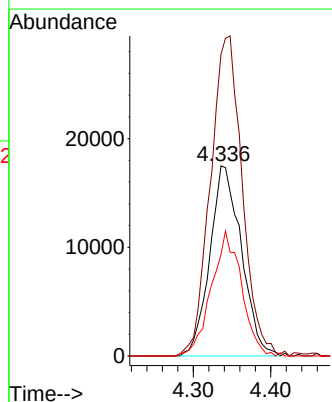
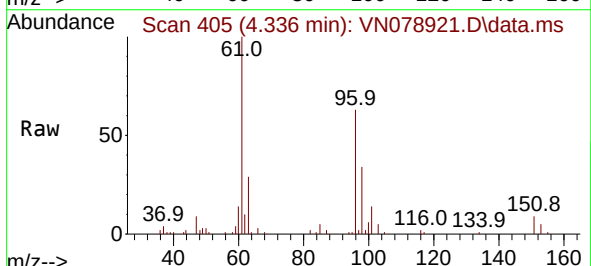
Manual Integrations
APPROVED

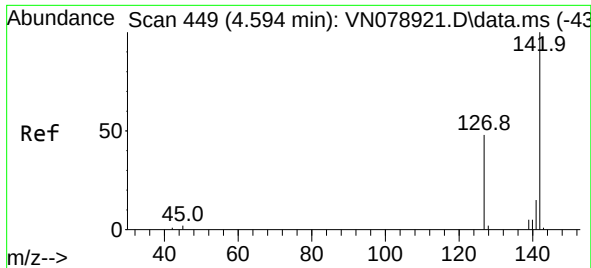
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#10
1,1-Dichloroethene
Concen: 20.515 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

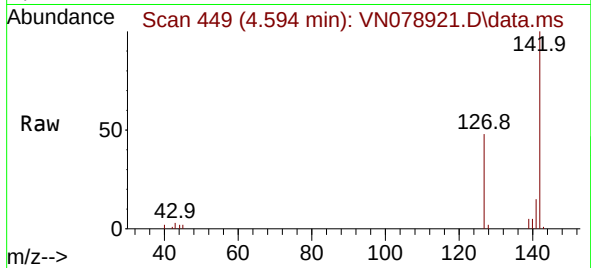
Tgt Ion: 96 Resp: 49483
Ion Ratio Lower Upper
96 100
61 157.8 126.2 189.4
98 52.1 41.7 62.5





#11
Methyl Iodide
Concen: 20.158 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

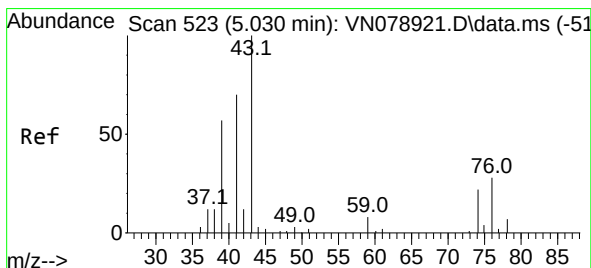
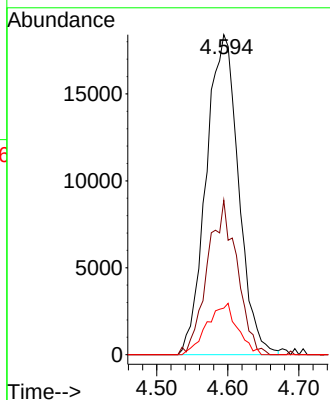
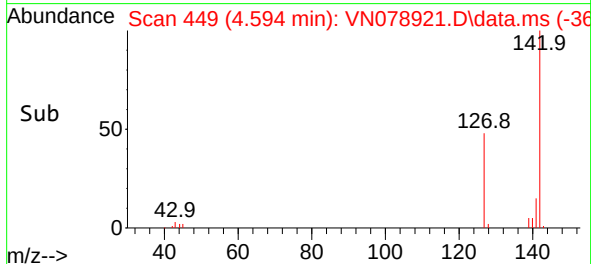
Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC020



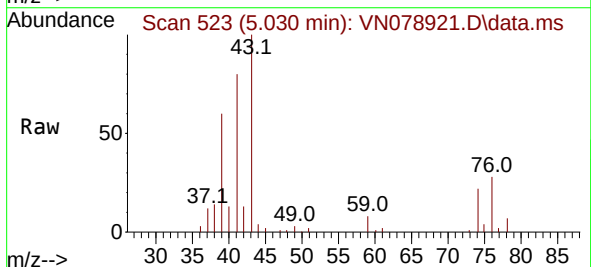
Tgt Ion:142 Resp: 5826
Ion Ratio Lower Upper
142 100
127 48.6 24.3 72.9
141 14.7 7.3 22.0

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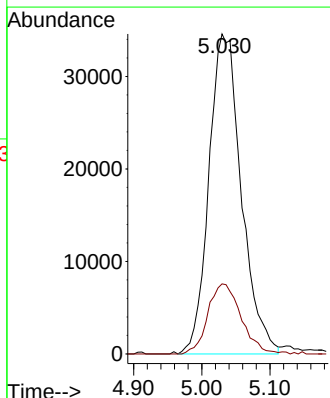
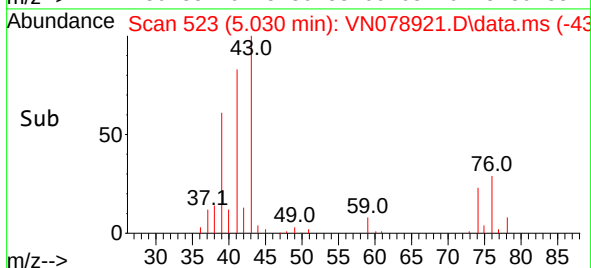
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

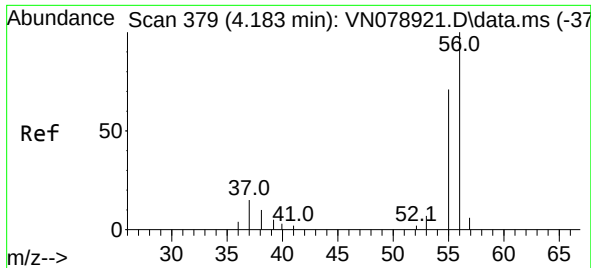


#12
Methyl Acetate
Concen: 20.368 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03



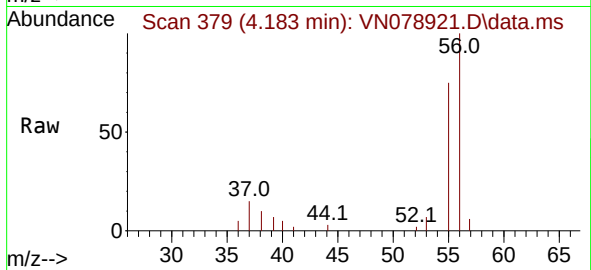
Tgt Ion: 43 Resp: 114353
Ion Ratio Lower Upper
43 100
74 21.9 17.5 26.3





#13
Acrolein
Concen: 95.856 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

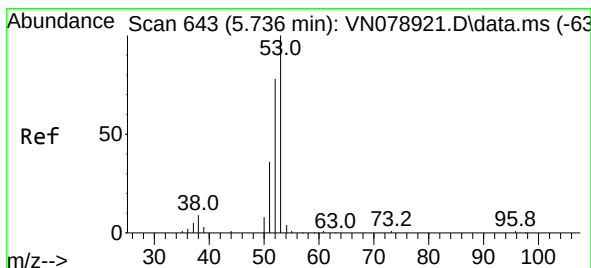
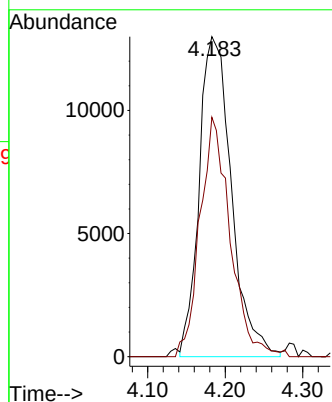
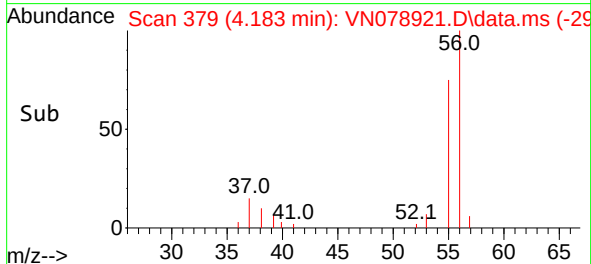
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 56 Resp: 3751
Ion Ratio Lower Upper
56 100
55 68.1 54.5 81.7

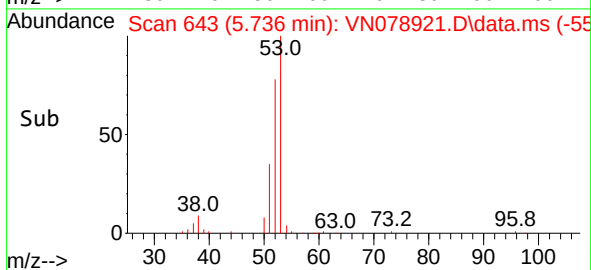
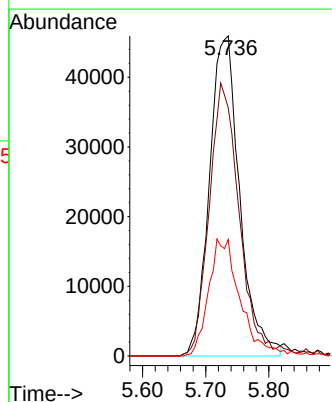
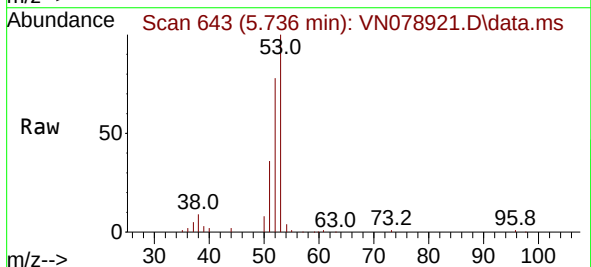
Manual Integrations
APPROVED

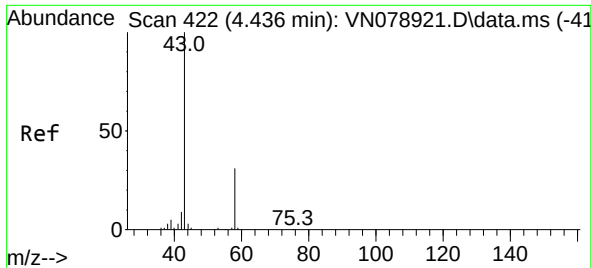
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#14
Acrylonitrile
Concen: 103.431 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Tgt Ion: 53 Resp: 152648
Ion Ratio Lower Upper
53 100
52 83.7 41.9 125.6
51 20.1 10.1 30.1





#15

Acetone

Concen: 98.966 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN078921.D

Acq: 17 Aug 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 58 Resp: 4485

Ion Ratio Lower Upper

58 100

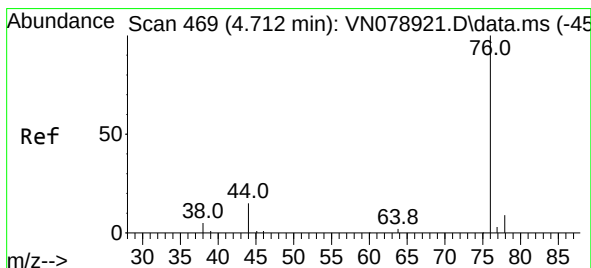
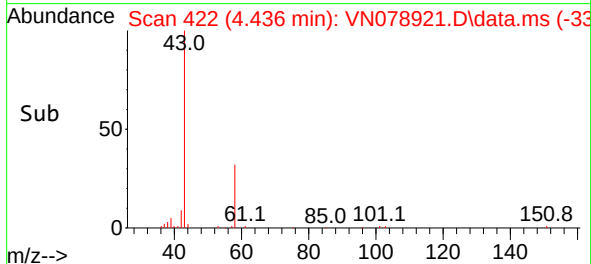
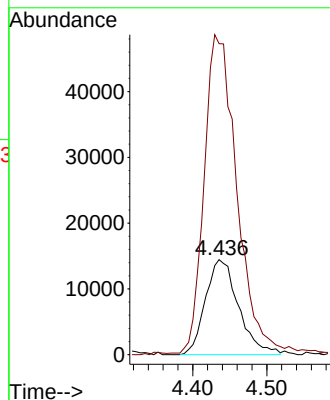
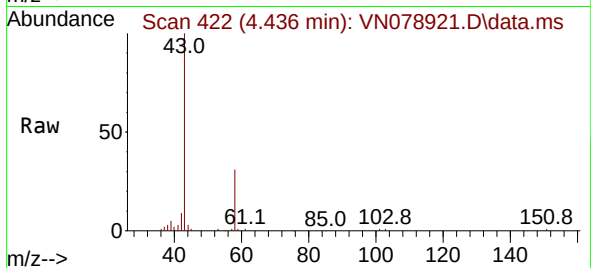
43 325.7 260.6 390.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#16

Carbon Disulfide

Concen: 20.569 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN078921.D

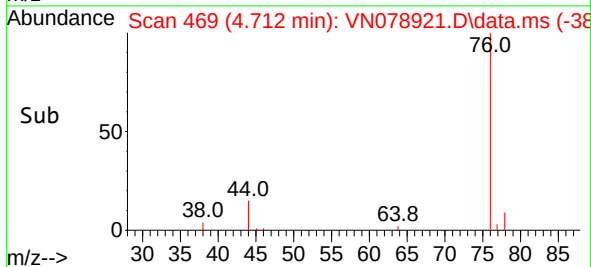
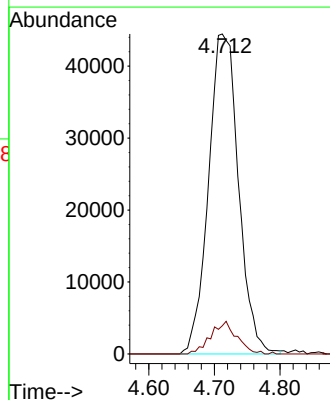
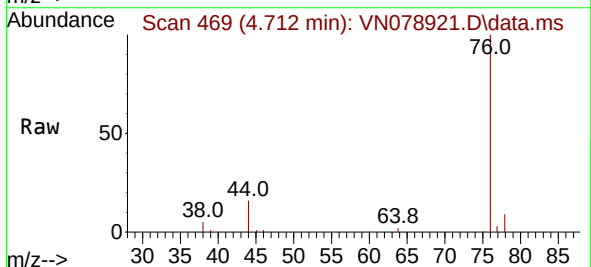
Acq: 17 Aug 2023 13:03

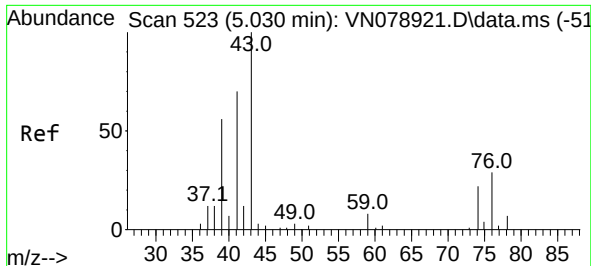
Tgt Ion: 76 Resp: 141562

Ion Ratio Lower Upper

76 100

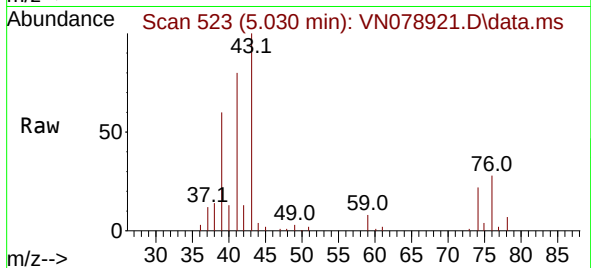
78 8.8 7.0 10.6





#17
 Allyl chloride
 Concen: 20.497 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN078921.D
 Acq: 17 Aug 2023 13:03

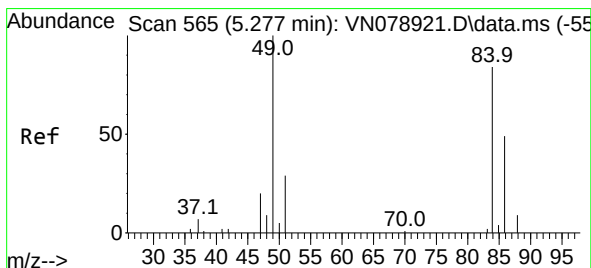
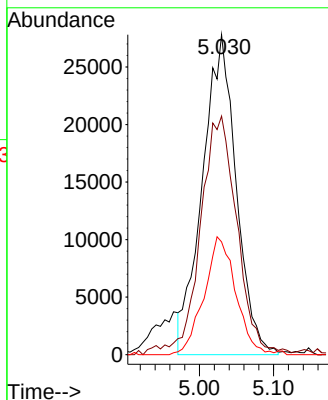
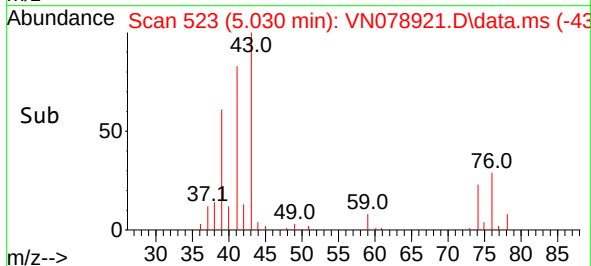
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 41 Resp: 88192
 Ion Ratio Lower Upper
 41 100
 39 73.8 36.9 110.7
 76 34.6 17.3 51.9

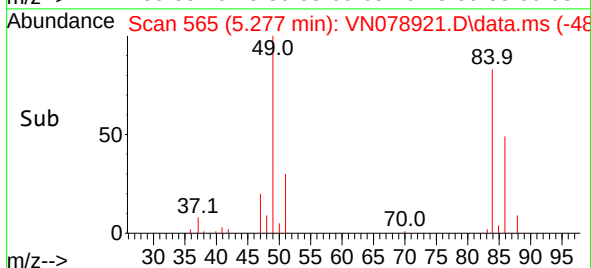
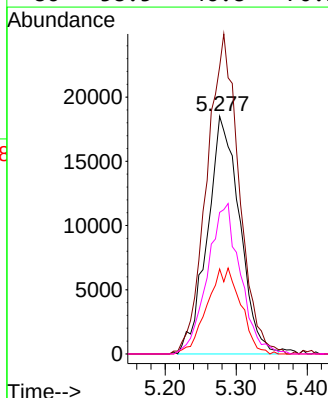
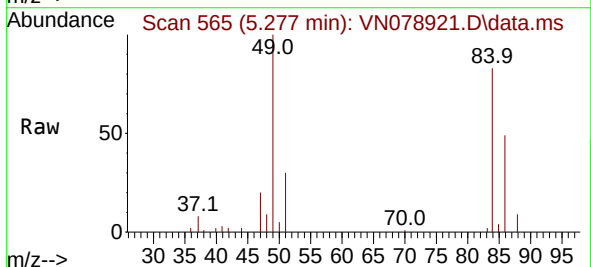
Manual Integrations
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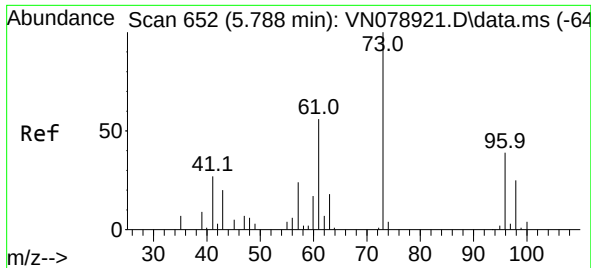
Reviewed By :John Carlone 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023



#18
 Methylene Chloride
 Concen: 20.343 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN078921.D
 Acq: 17 Aug 2023 13:03

Tgt Ion: 84 Resp: 58250
 Ion Ratio Lower Upper
 84 100
 49 119.7 95.8 143.6
 51 35.8 28.6 43.0
 86 58.5 46.8 70.2





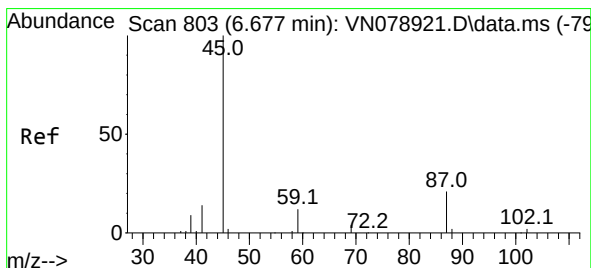
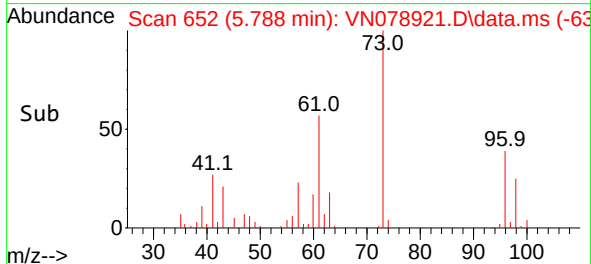
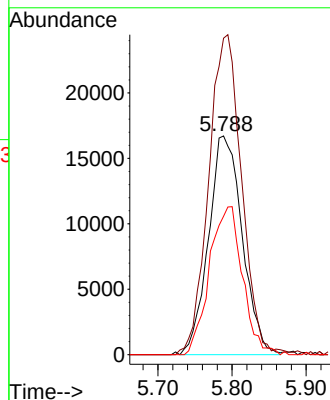
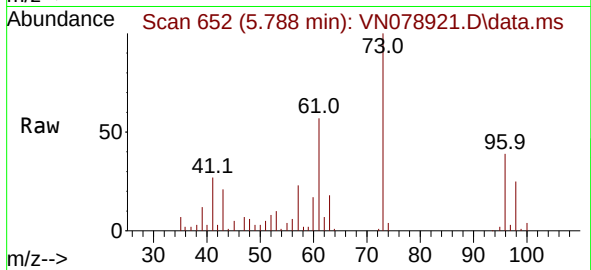
#19
trans-1,2-Dichloroethene
Concen: 19.584 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 96 Resp: 5279
Ion Ratio Lower Upper
96 100
61 142.5 114.0 171.0
98 63.3 50.6 76.0

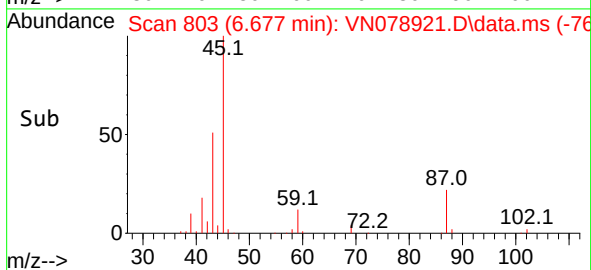
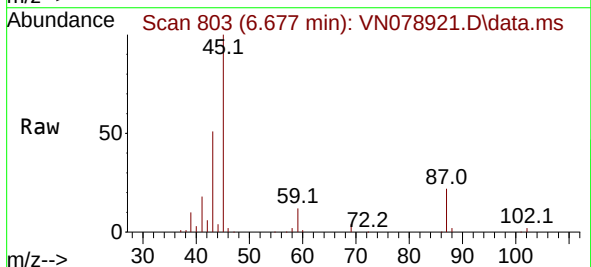
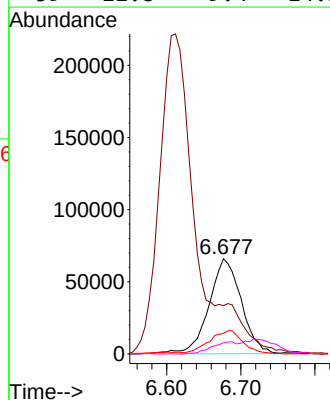
Manual Integrations
APPROVED

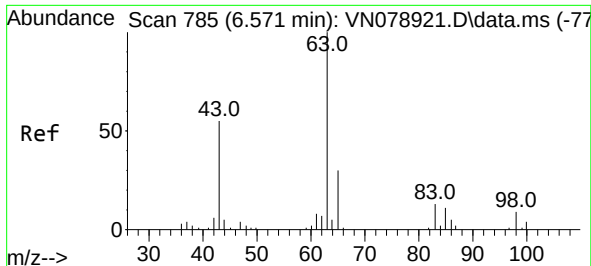
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#20
Diisopropyl ether
Concen: 20.531 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Tgt Ion: 45 Resp: 196072
Ion Ratio Lower Upper
45 100
43 46.8 37.4 56.2
87 21.6 17.3 25.9
59 11.8 9.4 14.2





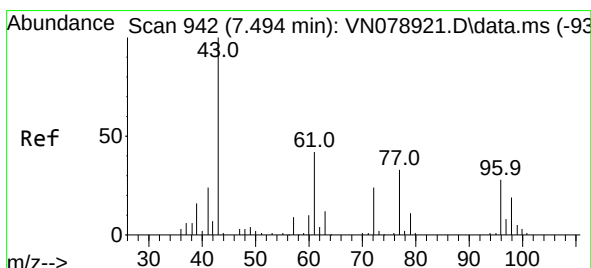
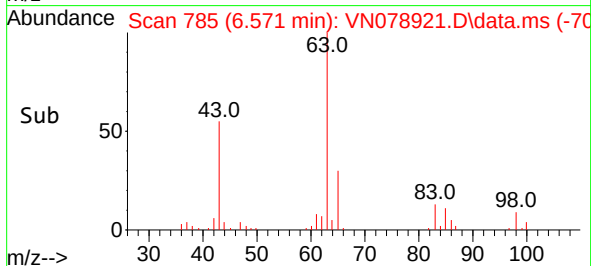
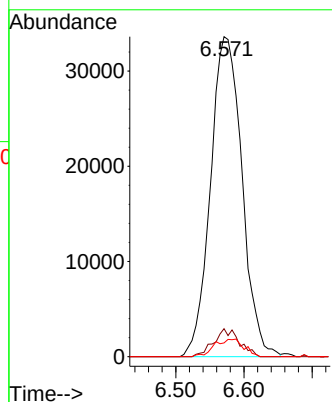
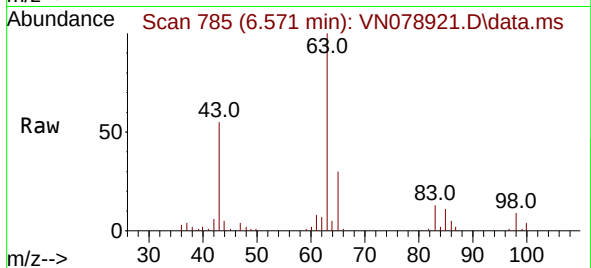
#21
1,1-Dichloroethane
Concen: 20.405 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 10813
Ion Ratio Lower Upper
63 100
98 8.8 4.4 13.2
100 4.3 2.1 6.5

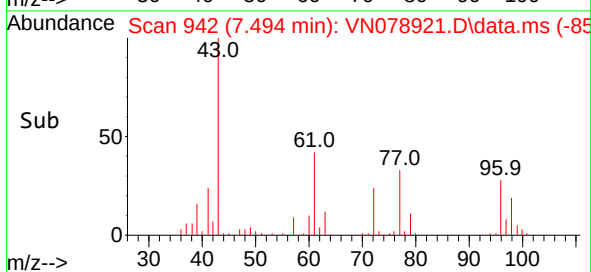
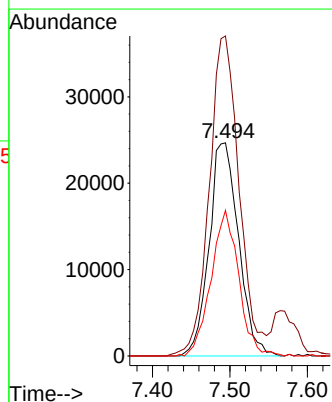
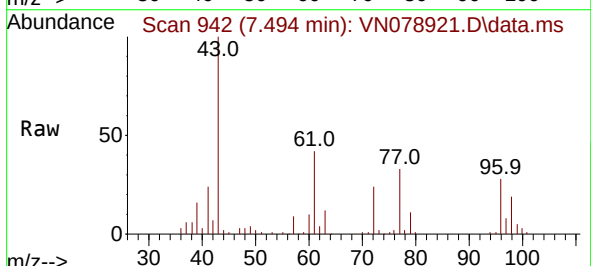
Manual Integrations
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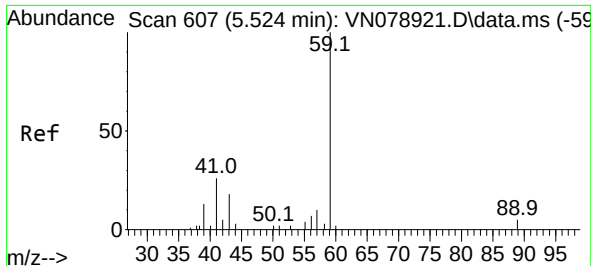
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#22
cis-1,2-Dichloroethene
Concen: 21.129 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Tgt Ion: 96 Resp: 65191
Ion Ratio Lower Upper
96 100
61 152.2 121.8 182.6
98 63.4 50.7 76.1





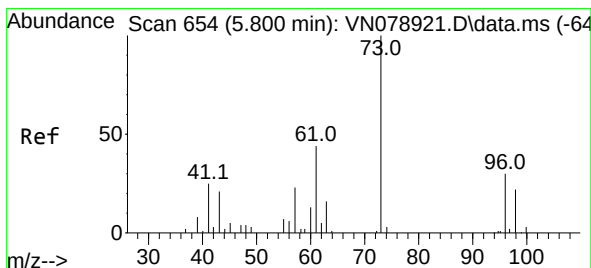
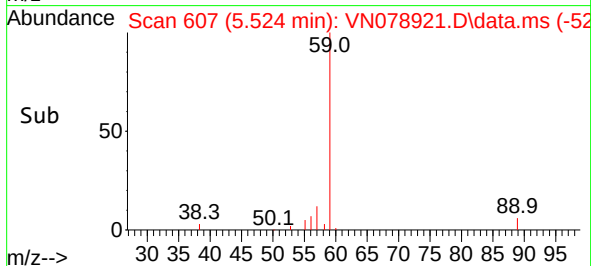
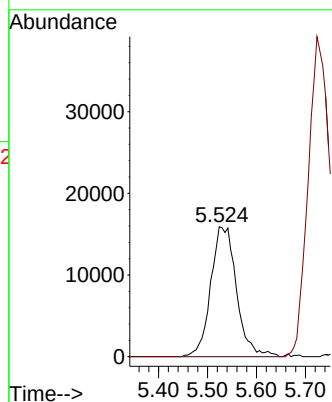
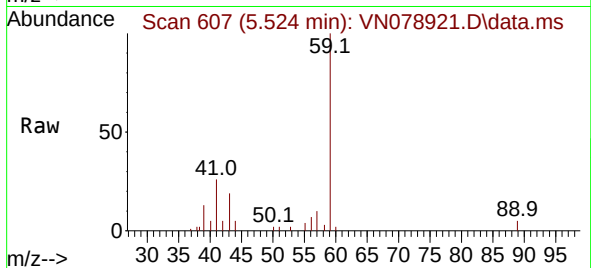
#23
tert-Butyl Alcohol
Concen: 105.669 ug/l m
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 59 Resp: 58172
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

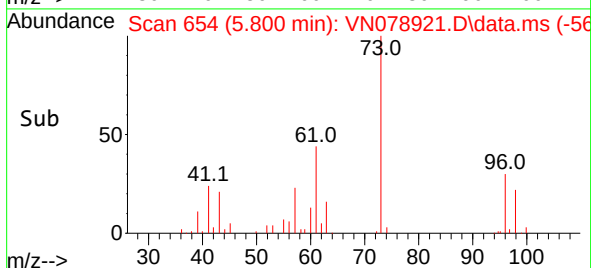
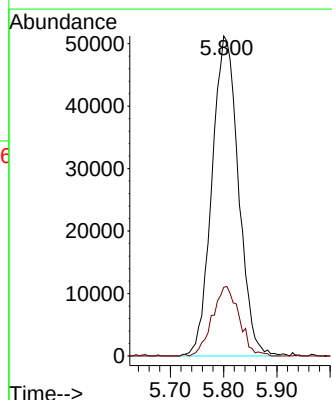
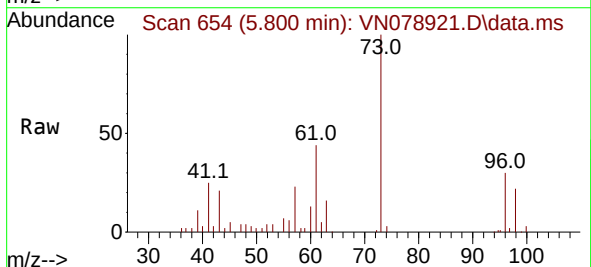
Manual Integrations
APPROVED

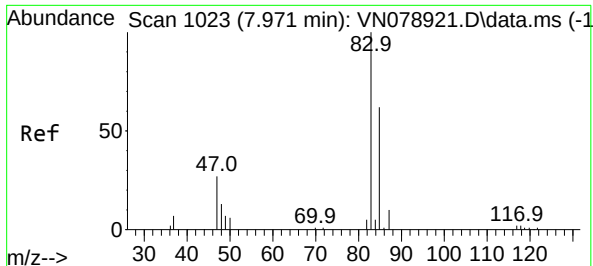
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#24
Methyl tert-Butyl Ether
Concen: 20.867 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Tgt Ion: 73 Resp: 177507
Ion Ratio Lower Upper
73 100
43 21.6 17.3 25.9





#25

Chloroform

Concen: 19.974 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078921.D

Acq: 17 Aug 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 83 Resp: 10662

Ion Ratio Lower Upper

83 100

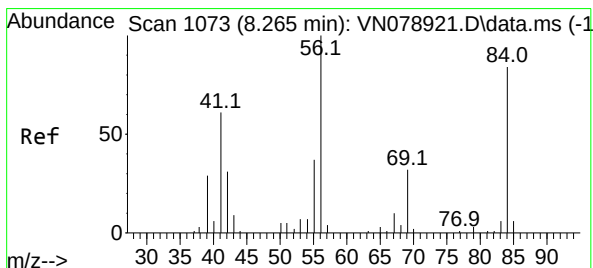
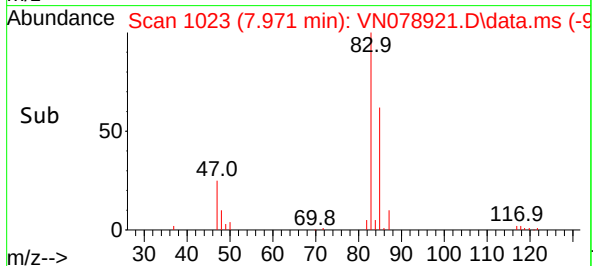
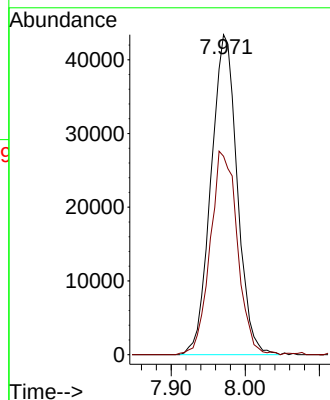
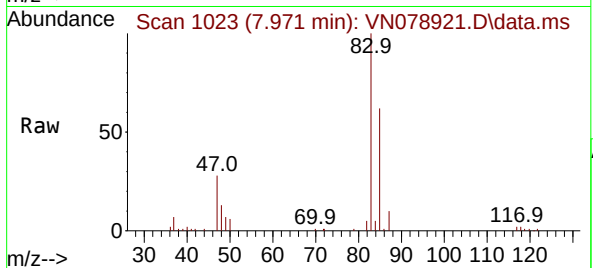
85 62.0 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#26

Cyclohexane

Concen: 20.452 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078921.D

Acq: 17 Aug 2023 13:03

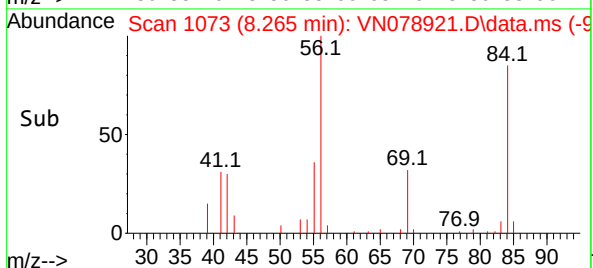
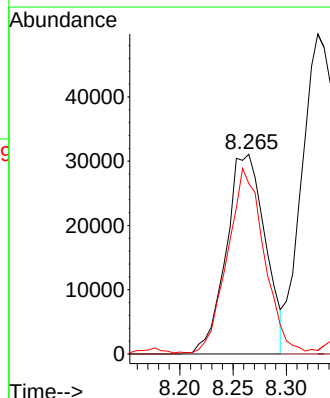
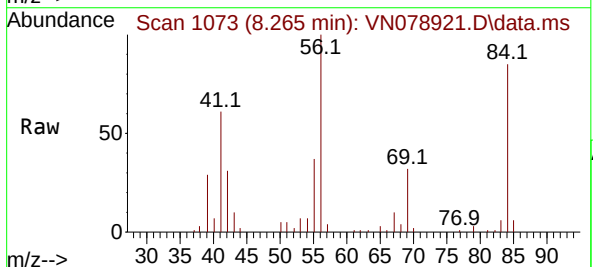
Tgt Ion: 56 Resp: 79278

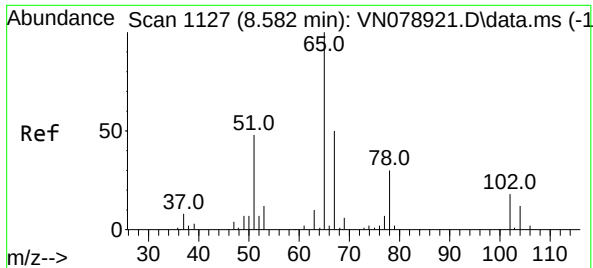
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

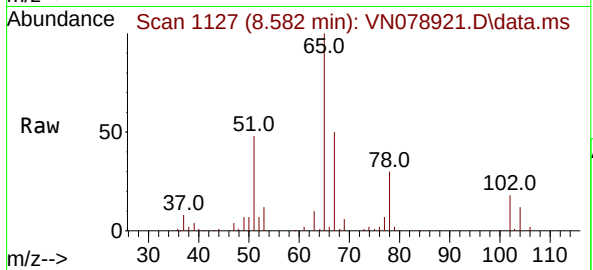
84 87.6 70.1 105.1





#27
1,2-Dichloroethane-d4
Concen: 30.048 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

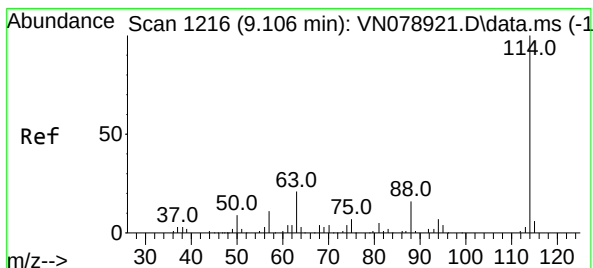
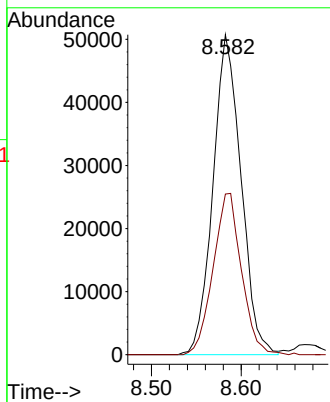
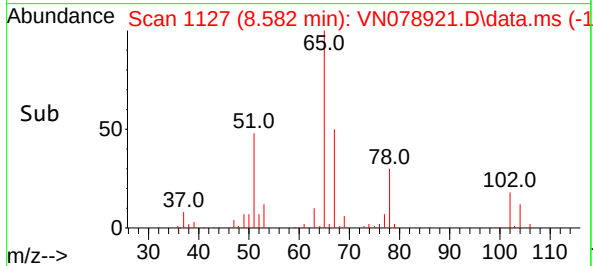
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 65 Resp: 11008
Ion Ratio Lower Upper
65 100
67 50.9 40.7 61.1

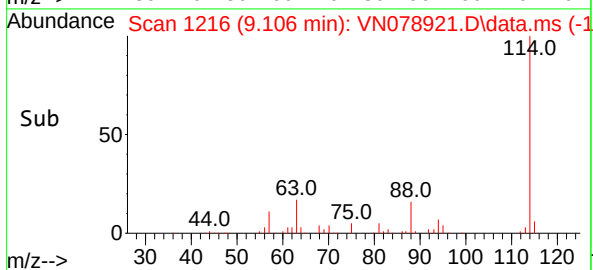
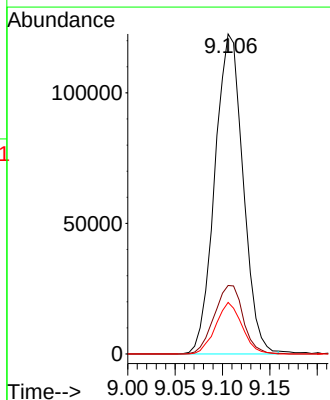
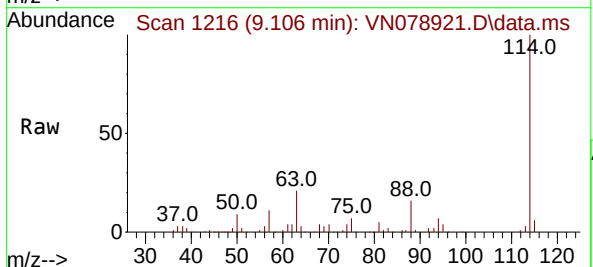
Manual Integrations
APPROVED

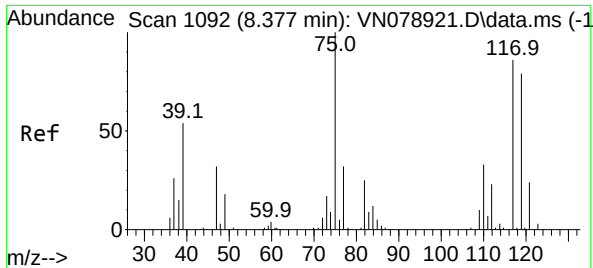
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Tgt Ion:114 Resp: 254443
Ion Ratio Lower Upper
114 100
63 21.8 17.4 26.2
88 15.0 12.0 18.0





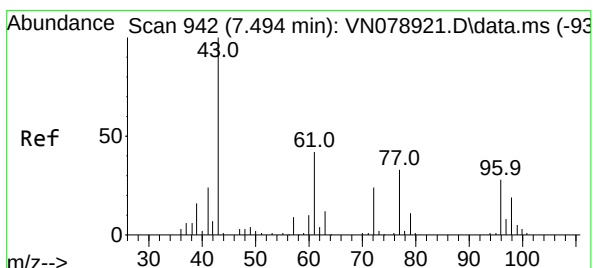
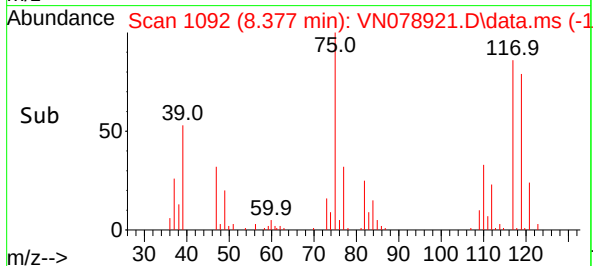
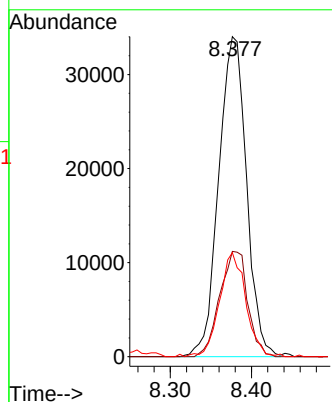
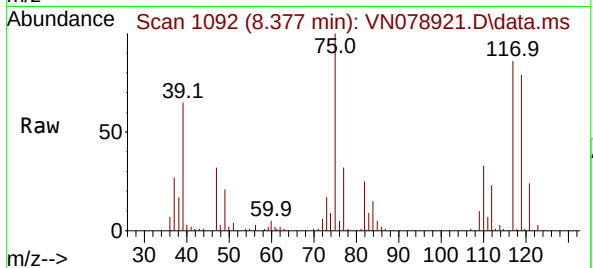
#29
1,1-Dichloropropene
Concen: 20.940 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 81052
Ion Ratio Lower Upper
75 100
110 32.9 0.0 65.8
77 30.2 0.0 60.4

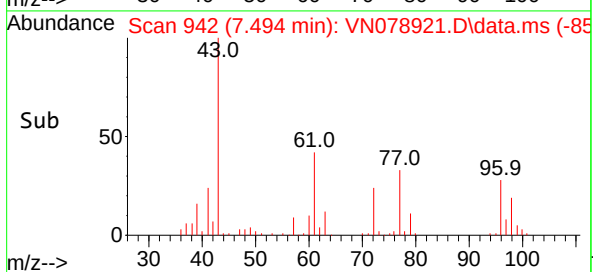
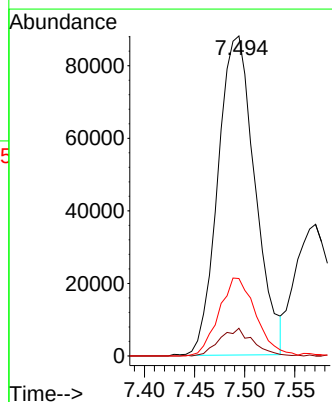
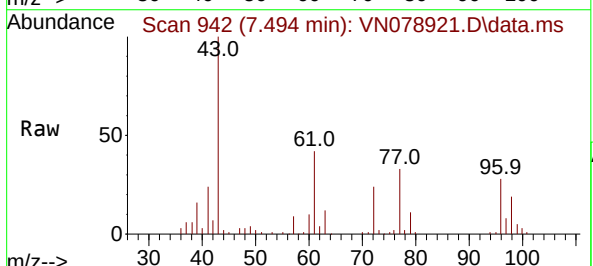
Manual Integrations
APPROVED

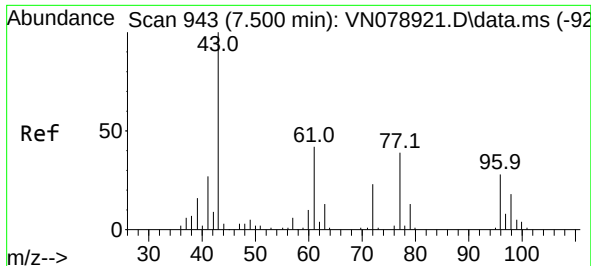
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#30
2-Butanone
Concen: 99.940 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Tgt Ion: 43 Resp: 226454
Ion Ratio Lower Upper
43 100
57 7.8 6.2 9.4
72 24.3 19.4 29.2





#31

2,2-Dichloropropane

Concen: 20.544 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.000 min

Lab File: VN078921.D

Acq: 17 Aug 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 77 Resp: 8788

Ion Ratio Lower Upper

77 100

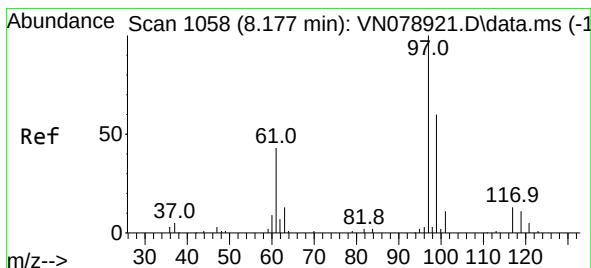
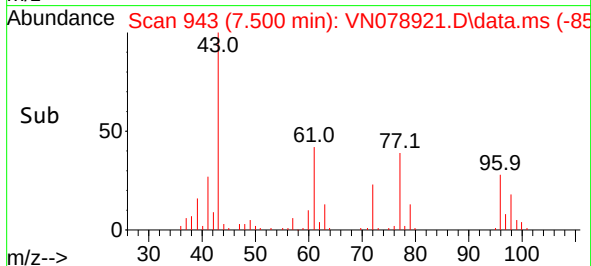
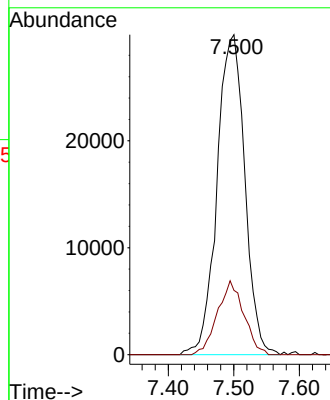
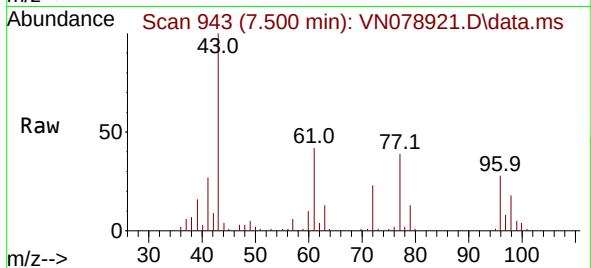
97 22.0 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#32

1,1,1-Trichloroethane

Concen: 20.413 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078921.D

Acq: 17 Aug 2023 13:03

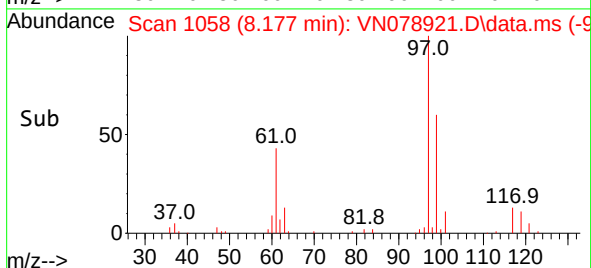
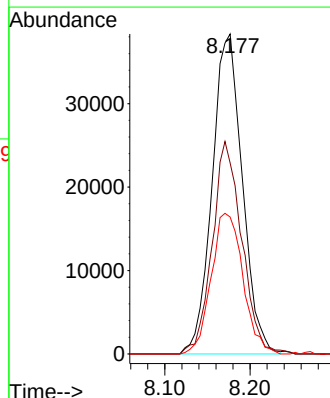
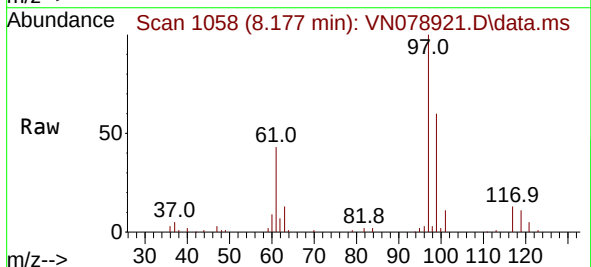
Tgt Ion: 97 Resp: 94331

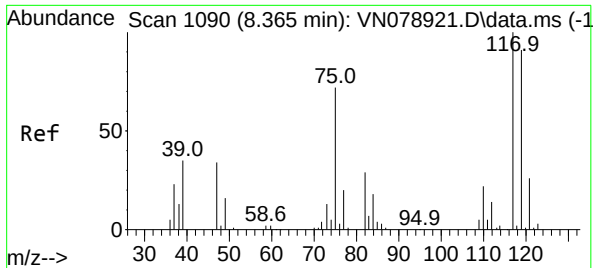
Ion Ratio Lower Upper

97 100

99 65.0 52.0 78.0

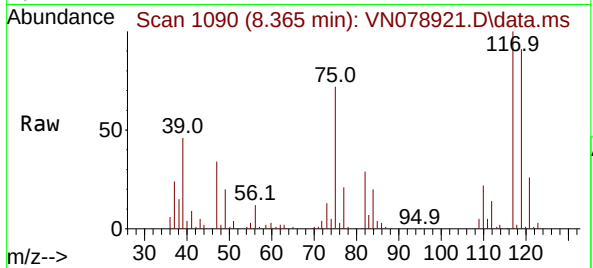
61 46.3 37.0 55.6





#33
Carbon Tetrachloride
Concen: 20.622 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

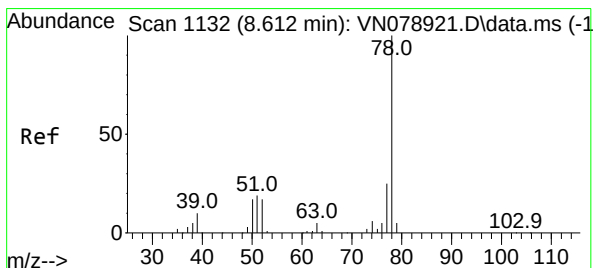
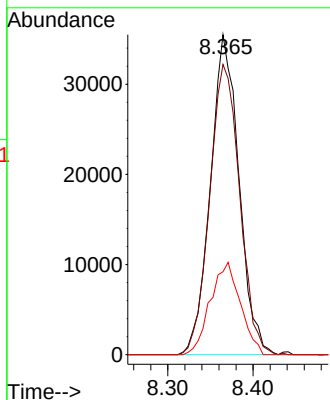
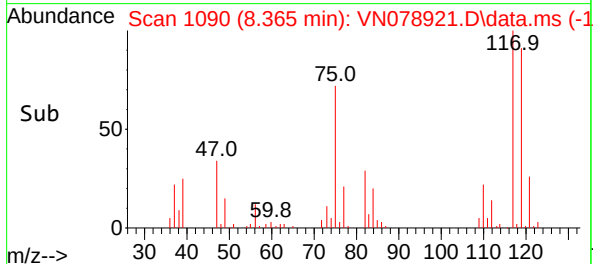
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



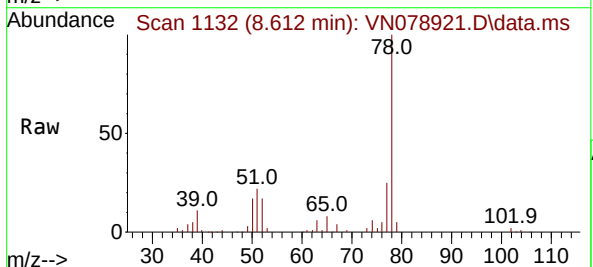
Tgt Ion:117 Resp: 8254
Ion Ratio Lower Upper
117 100
119 90.7 72.6 108.8
121 25.9 20.7 31.1

Manual Integrations
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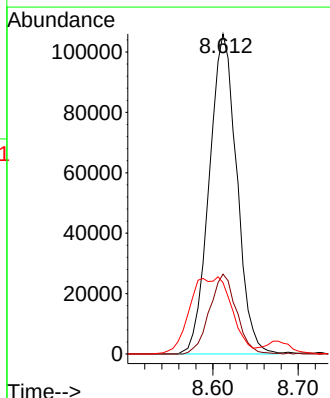
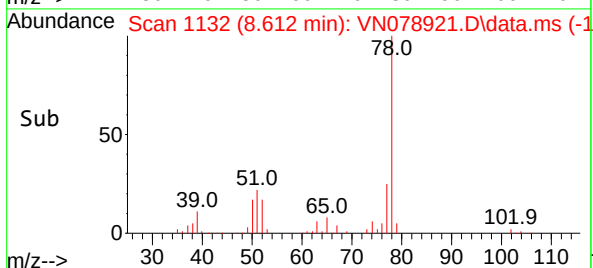
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

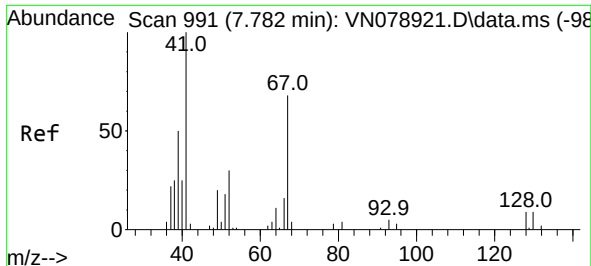


#34
Benzene
Concen: 20.513 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03



Tgt Ion: 78 Resp: 237932
Ion Ratio Lower Upper
78 100
77 24.9 19.9 29.9
51 18.5 14.8 22.2





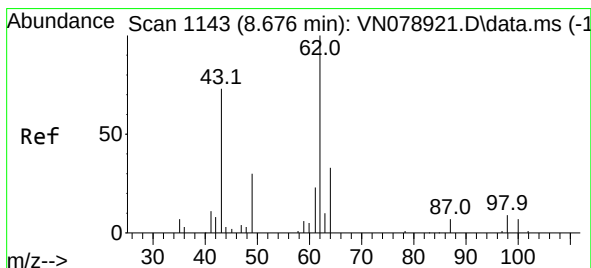
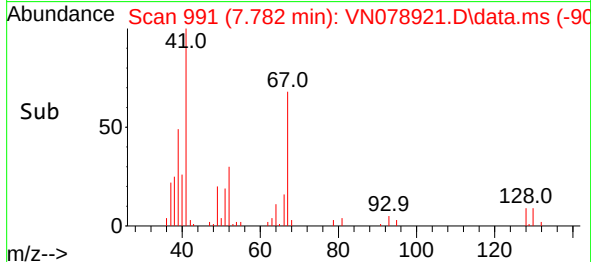
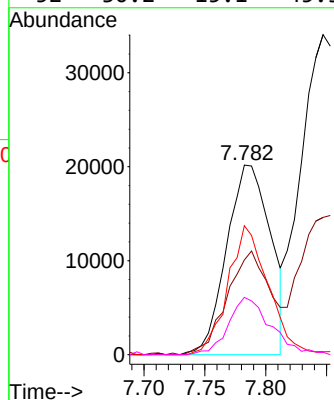
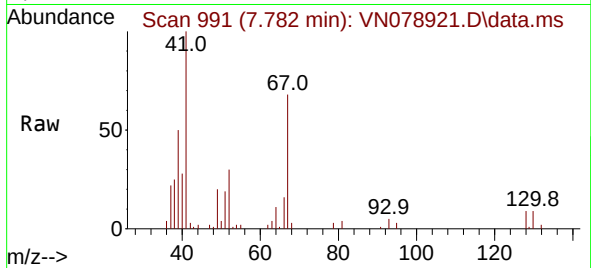
#35
Methacrylonitrile
Concen: 20.925 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:	41	Resp:	50534
Ion Ratio	Lower	Upper	
41	100		
39	50.0	25.0	75.0
67	68.0	34.0	102.0
52	30.2	15.1	45.3

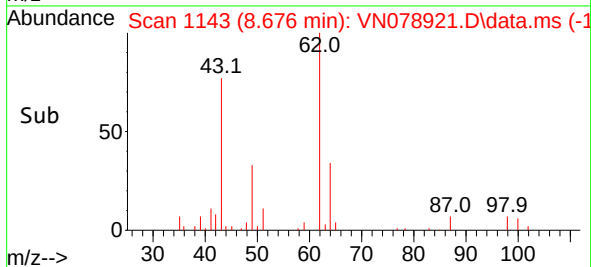
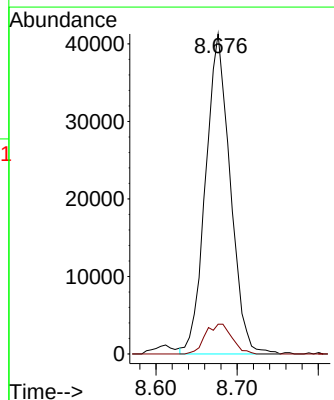
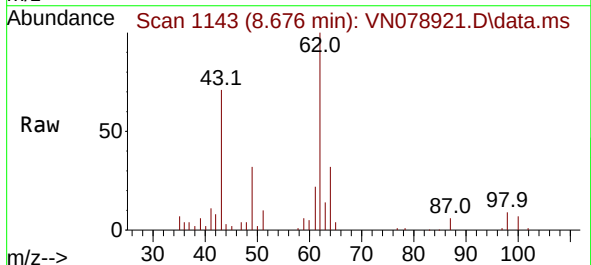
Manual Integrations
APPROVED

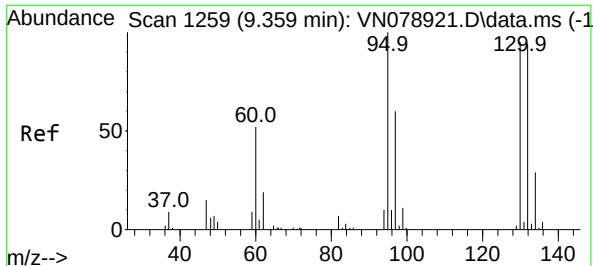
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#36
1,2-Dichloroethane
Concen: 20.043 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Tgt Ion:	62	Resp:	87061
Ion Ratio	Lower	Upper	
62	100		
98	10.1	8.1	12.1





#37

Trichloroethene

Concen: 19.904 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VN078921.D

Acq: 17 Aug 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:130 Resp: 57469

Ion Ratio Lower Upper

130 100

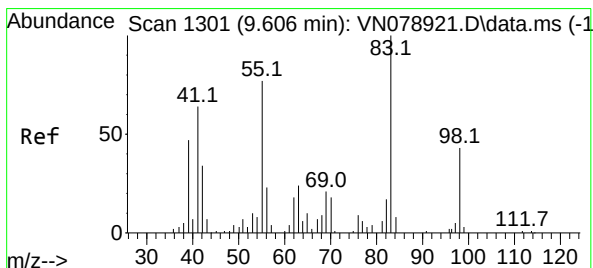
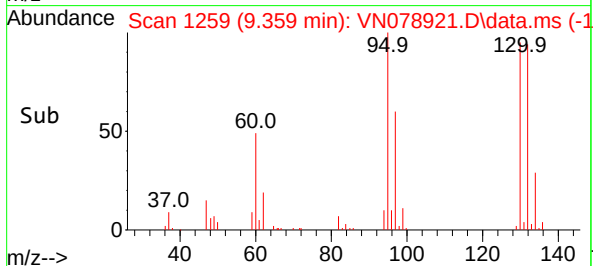
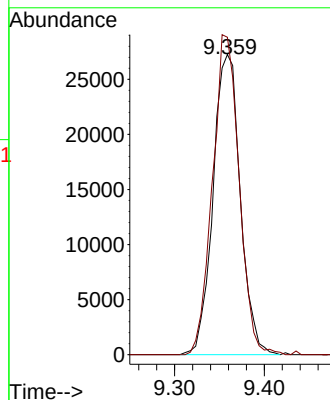
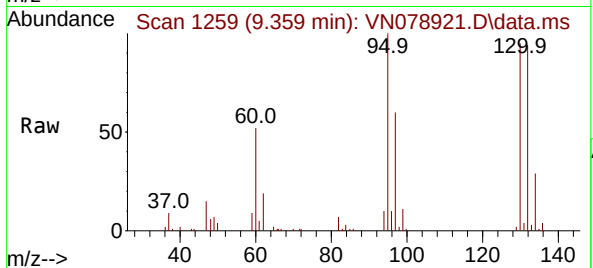
95 105.8 84.6 127.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#38

Methylcyclohexane

Concen: 20.479 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN078921.D

Acq: 17 Aug 2023 13:03

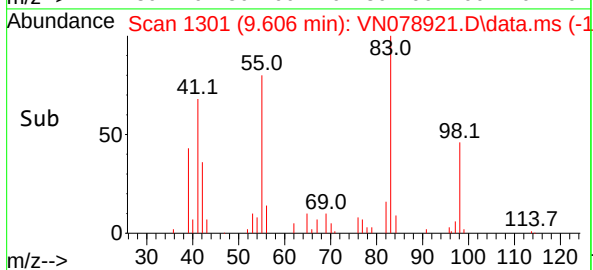
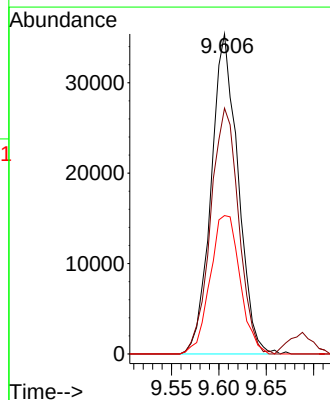
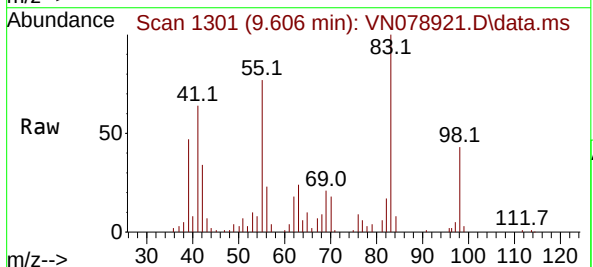
Tgt Ion: 83 Resp: 69786

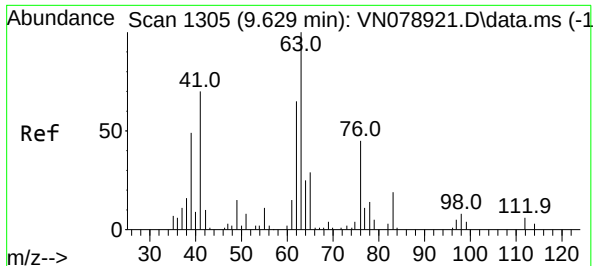
Ion Ratio Lower Upper

83 100

55 80.4 40.2 120.6

98 48.2 24.1 72.3





#39

1,2-Dichloropropane

Concen: 19.927 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078921.D

Acq: 17 Aug 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 62260

Ion Ratio Lower Upper

63 100

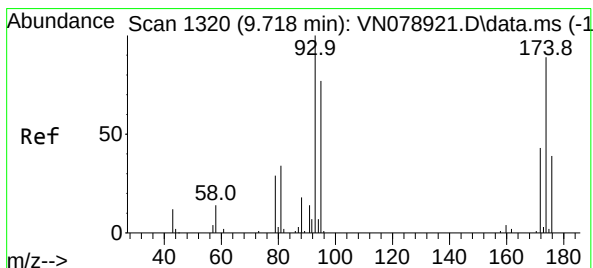
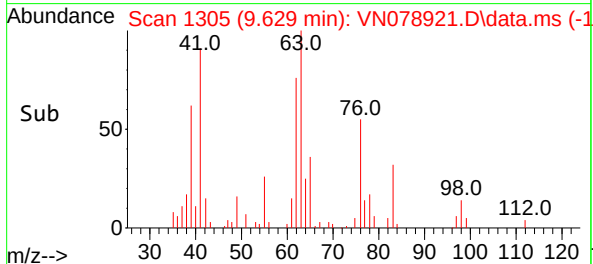
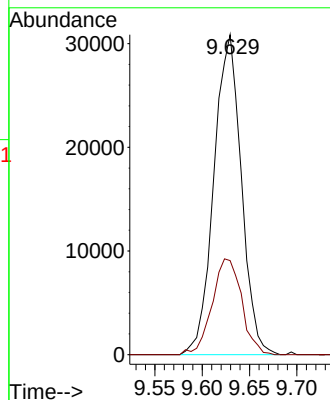
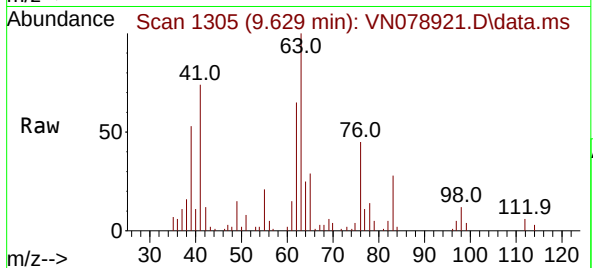
65 29.4 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#40

Dibromomethane

Concen: 20.420 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.000 min

Lab File: VN078921.D

Acq: 17 Aug 2023 13:03

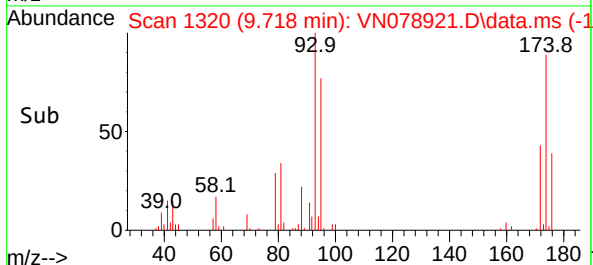
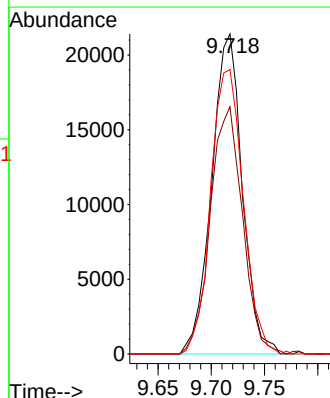
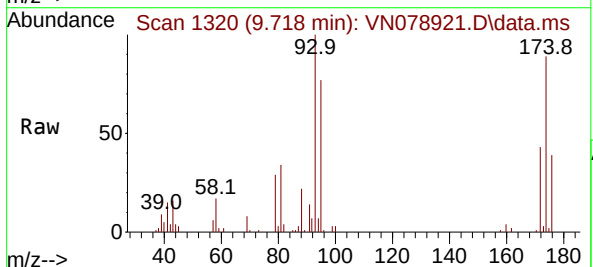
Tgt Ion: 93 Resp: 42766

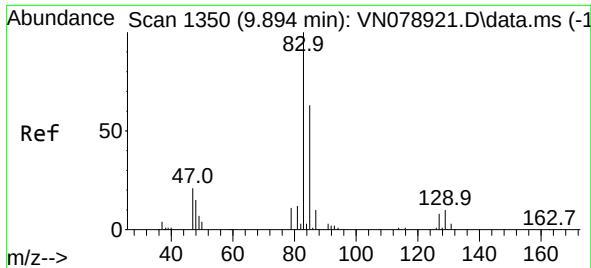
Ion Ratio Lower Upper

93 100

95 81.0 0.0 162.0

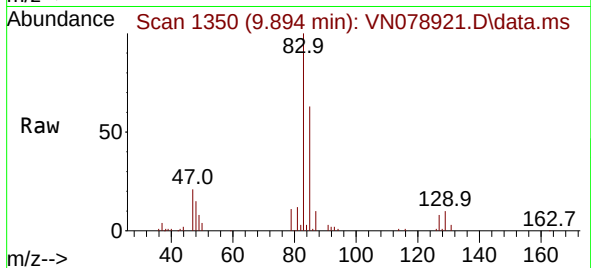
174 94.3 0.0 188.6





#41
Bromodichloromethane
Concen: 20.458 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

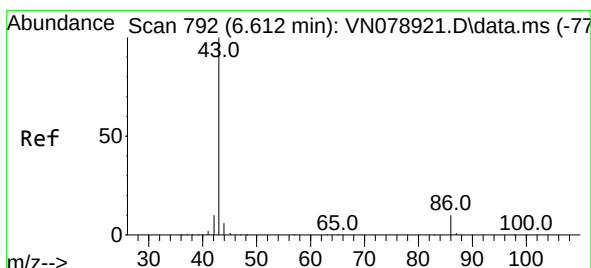
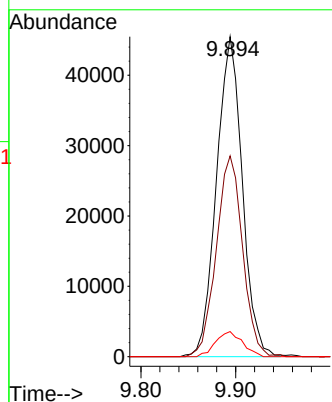
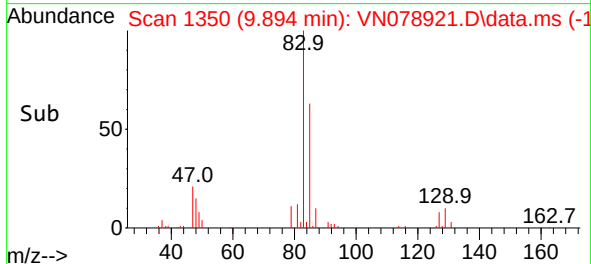
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 8616
Ion Ratio Lower Upper
83 100
85 62.7 50.2 75.2
127 7.8 6.2 9.4

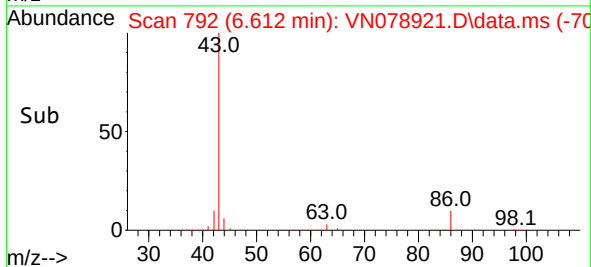
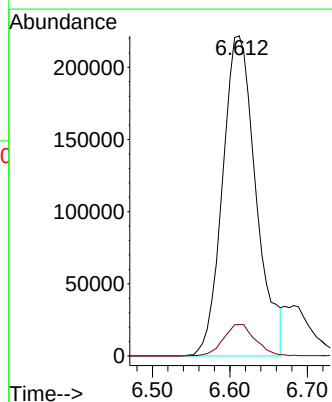
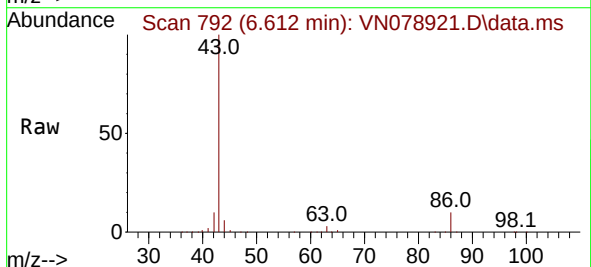
Manual Integrations
APPROVED

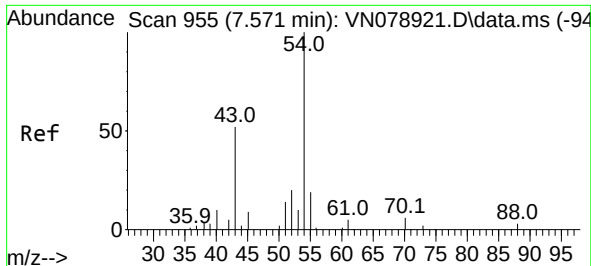
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#42
Vinyl Acetate
Concen: 104.395 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

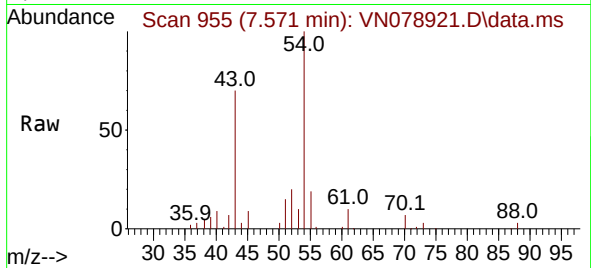
Tgt Ion: 43 Resp: 666938
Ion Ratio Lower Upper
43 100
86 9.2 7.4 11.0





#43
Ethyl Acetate
Concen: 20.041 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

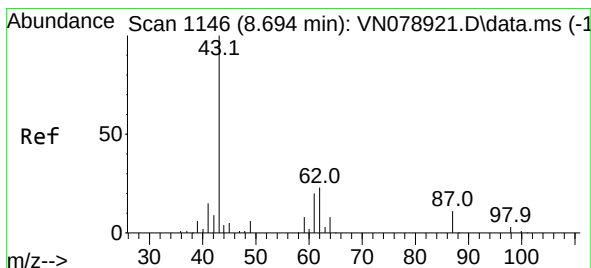
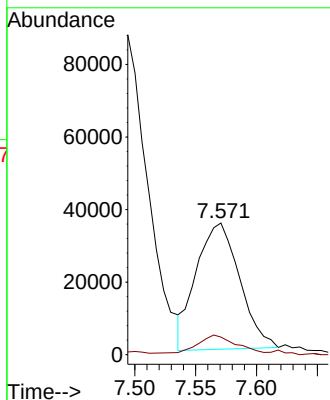
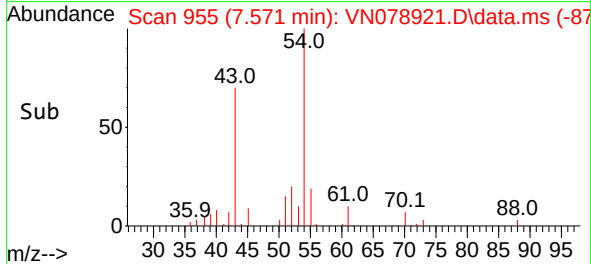
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 8635
Ion Ratio Lower Upper
43 100
45 12.0 9.6 14.4

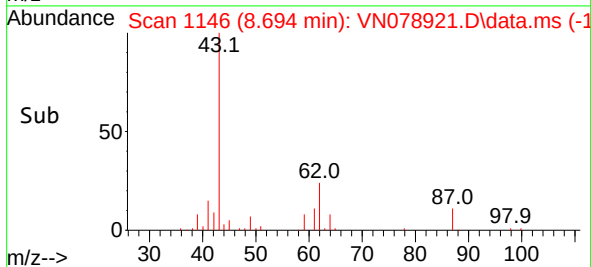
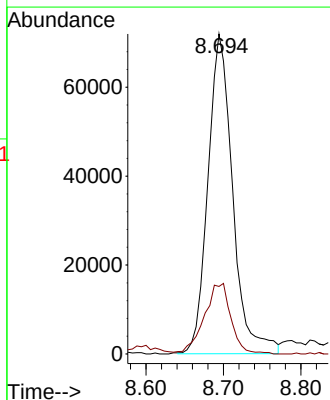
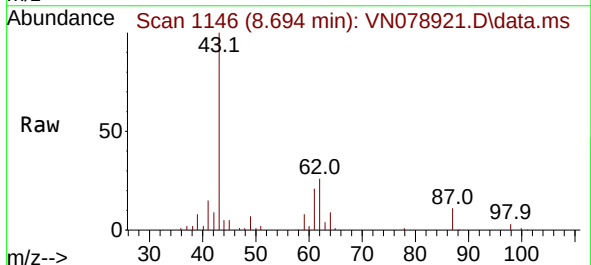
Manual Integrations
APPROVED

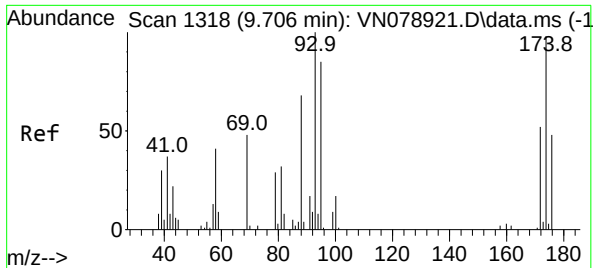
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#44
Isopropyl Acetate
Concen: 20.678 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

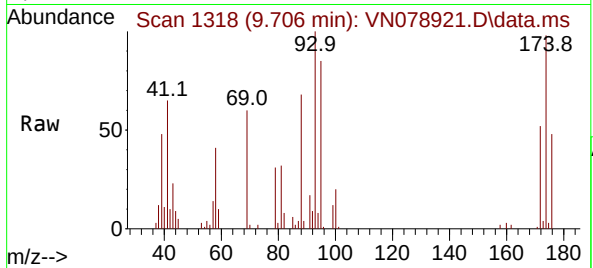
Tgt Ion: 43 Resp: 160167
Ion Ratio Lower Upper
43 100
61 23.7 19.0 28.4





#45
1,4-Dioxane
Concen: 410.188 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

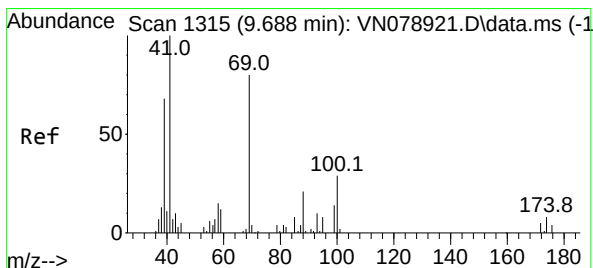
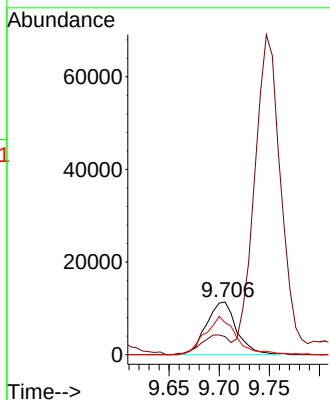
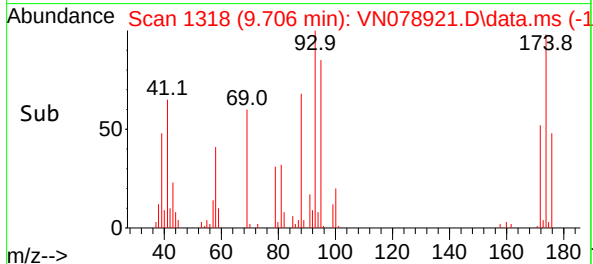
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 88 Resp: 2390
Ion Ratio Lower Upper
88 100
43 35.1 28.1 42.1
58 71.2 57.0 85.4

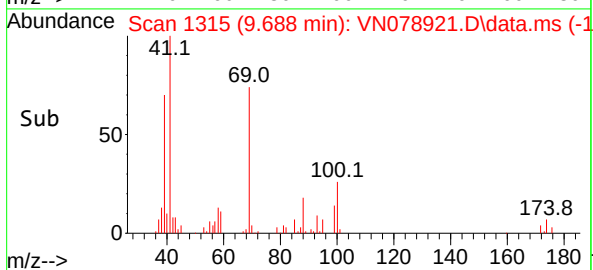
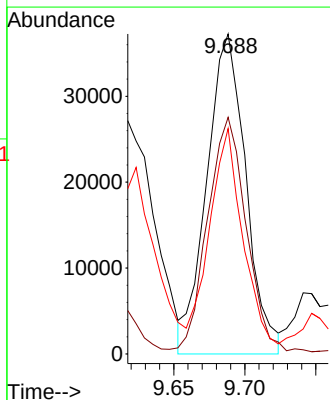
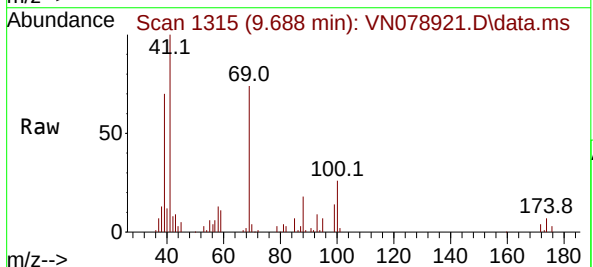
Manual Integrations
APPROVED

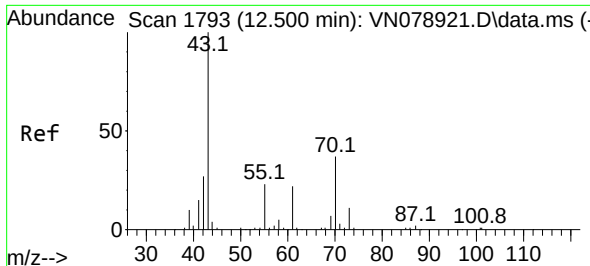
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#46
Methyl methacrylate
Concen: 20.871 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

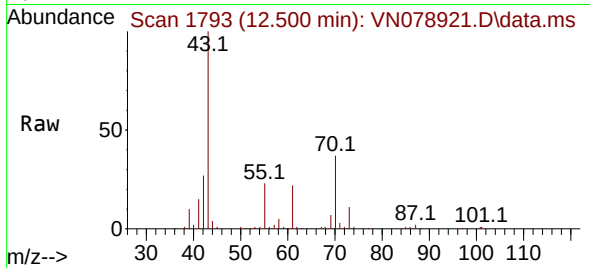
Tgt Ion: 41 Resp: 71226
Ion Ratio Lower Upper
41 100
69 77.0 38.5 115.5
39 71.9 35.9 107.8





#47
n-amy1 Acetate
Concen: 21.106 ug/l
RT: 12.500 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

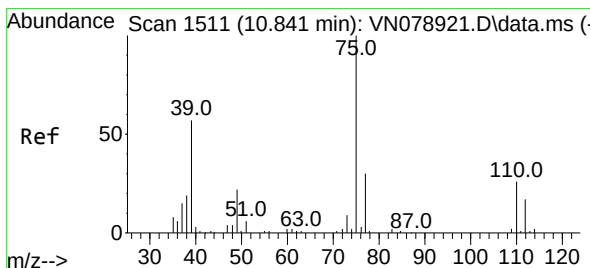
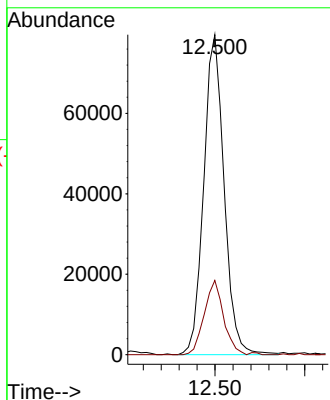
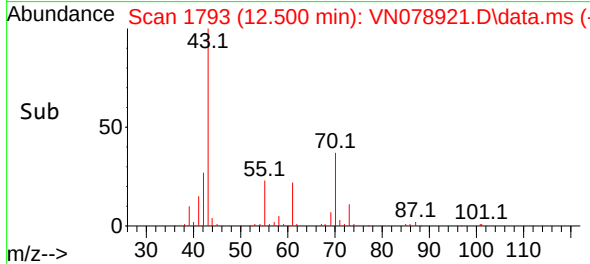
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 12545
Ion Ratio Lower Upper
43 100
55 21.9 17.5 26.3

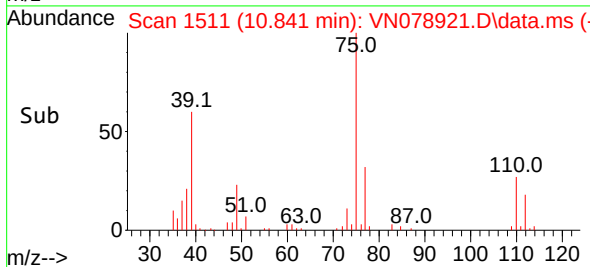
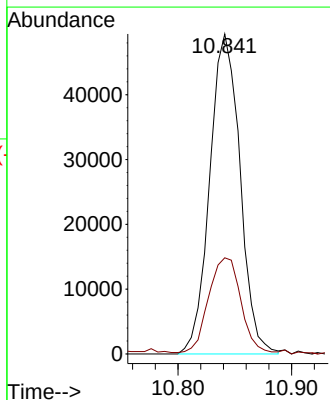
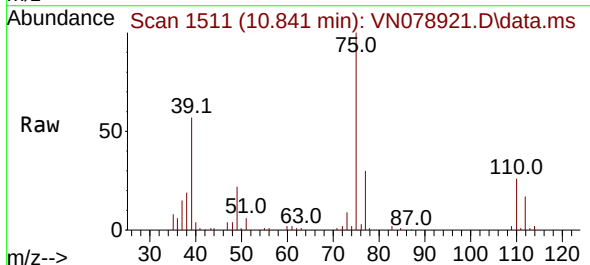
Manual Integrations
APPROVED

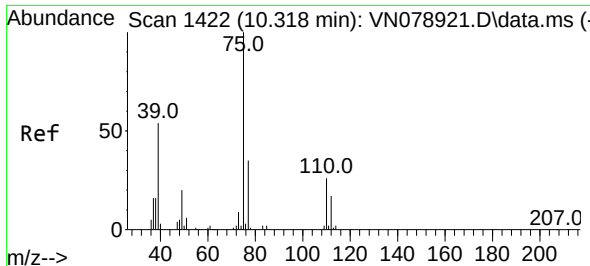
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#48
t-1,3-Dichloropropene
Concen: 20.400 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

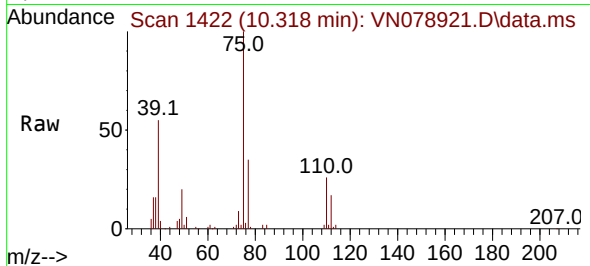
Tgt Ion: 75 Resp: 91508
Ion Ratio Lower Upper
75 100
77 29.6 23.7 35.5





#49
cis-1,3-Dichloropropene
Concen: 20.469 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

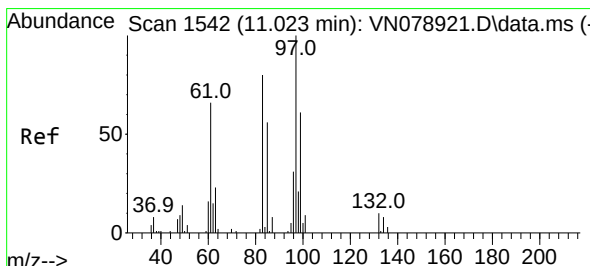
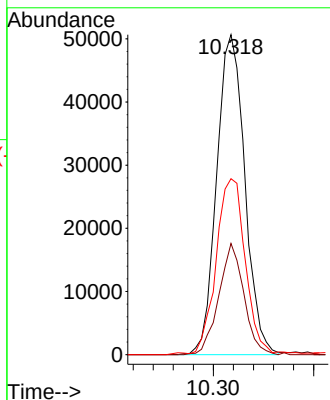
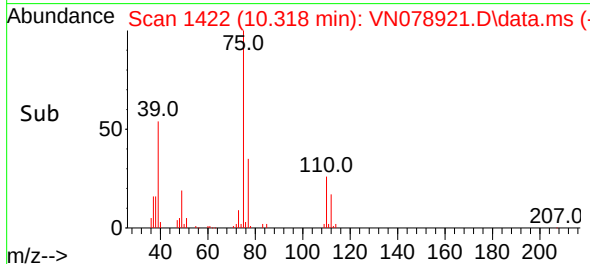
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 98456
Ion Ratio Lower Upper
75 100
77 34.8 27.8 41.8
39 54.4 43.5 65.3

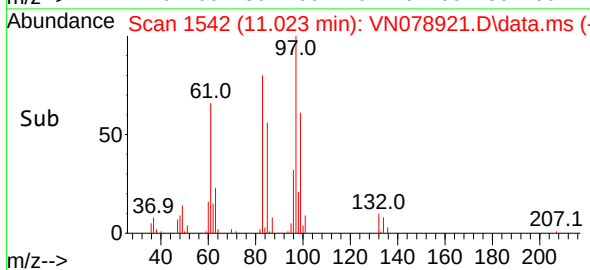
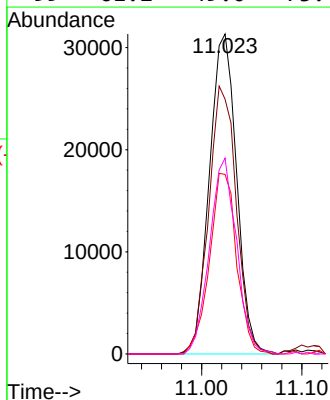
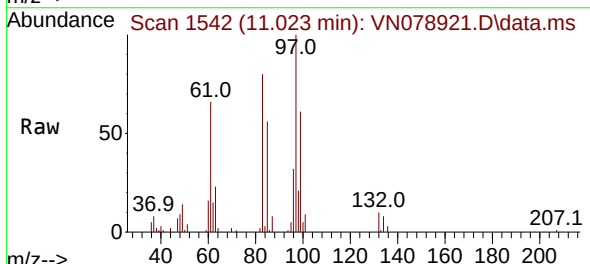
Manual Integrations
APPROVED

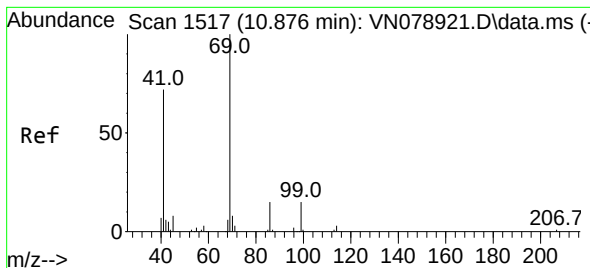
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#50
1,1,2-Trichloroethane
Concen: 20.892 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

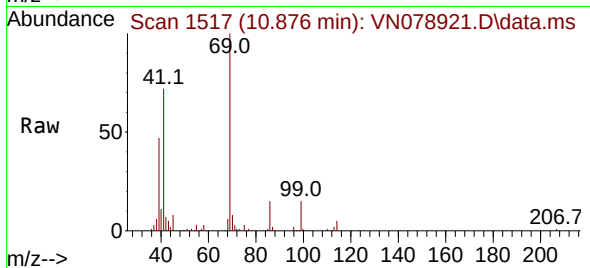
Tgt Ion: 97 Resp: 59128
Ion Ratio Lower Upper
97 100
83 79.6 63.7 95.5
85 56.1 44.9 67.3
99 61.2 49.0 73.4





#51
Ethyl methacrylate
Concen: 20.947 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

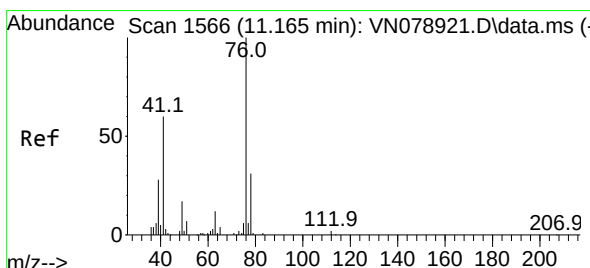
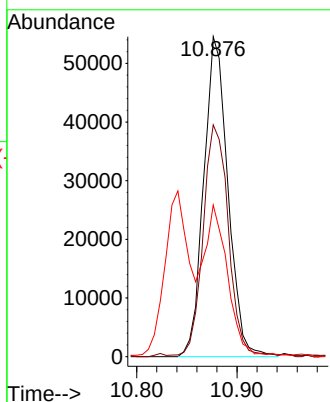
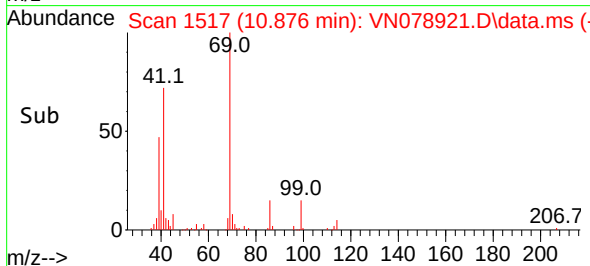
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



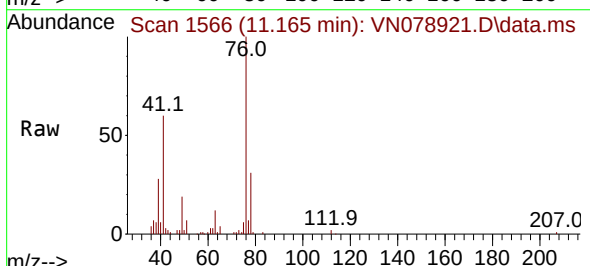
Tgt Ion: 69 Resp: 9175
Ion Ratio Lower Upper
69 100
41 71.9 35.9 107.8
39 47.0 23.5 70.5

Manual Integrations
APPROVED

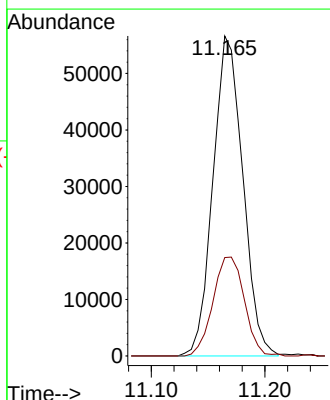
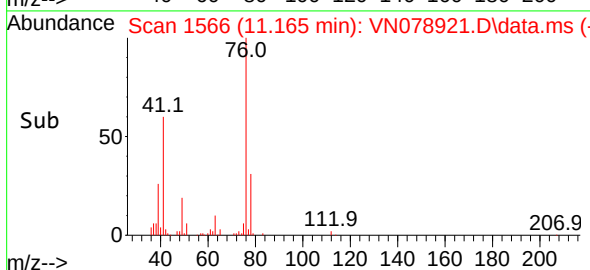
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

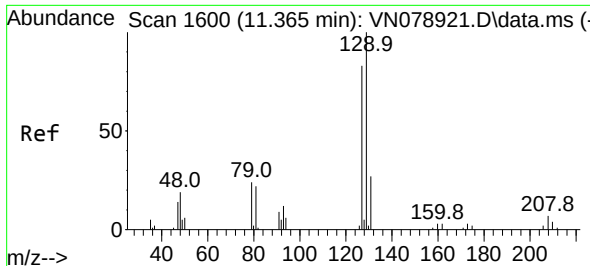


#52
1,3-Dichloropropane
Concen: 20.387 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03



Tgt Ion: 76 Resp: 103347
Ion Ratio Lower Upper
76 100
78 32.3 0.0 64.6





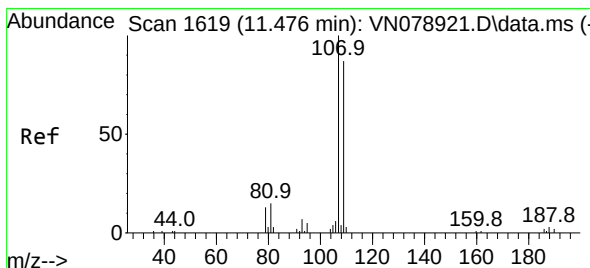
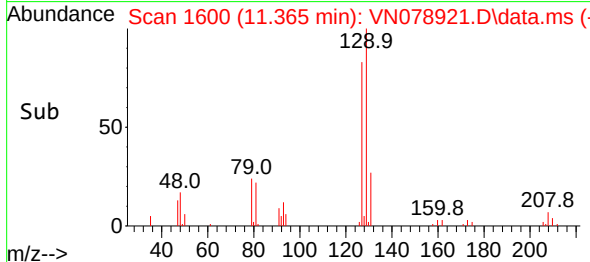
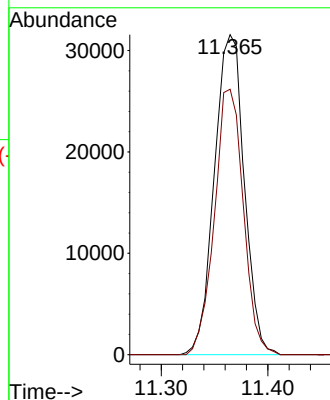
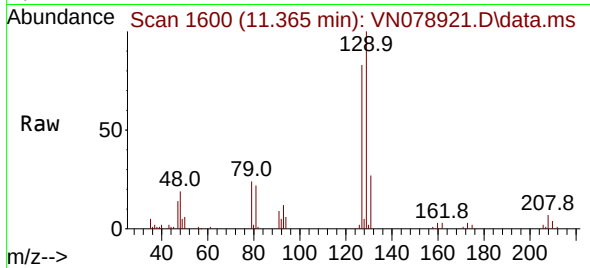
#53
Dibromochloromethane
Concen: 19.891 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:129 Resp: 6161
Ion Ratio Lower Upper
129 100
127 80.1 40.1 120.2

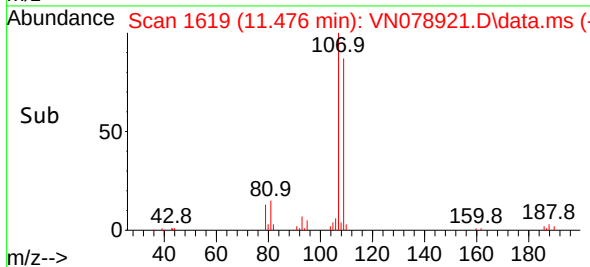
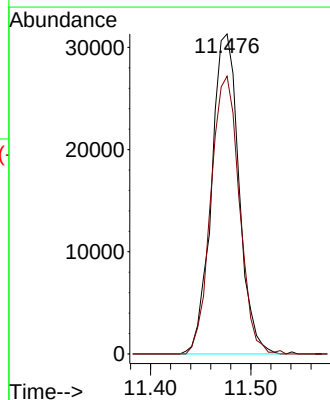
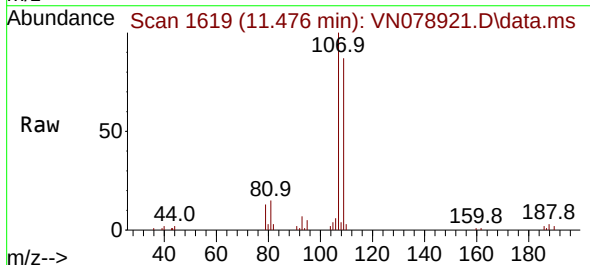
Manual Integrations
APPROVED

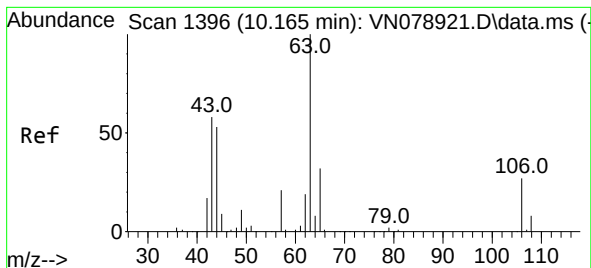
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#54
1,2-Dibromoethane
Concen: 20.460 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Tgt Ion:107 Resp: 59450
Ion Ratio Lower Upper
107 100
109 89.6 71.7 107.5





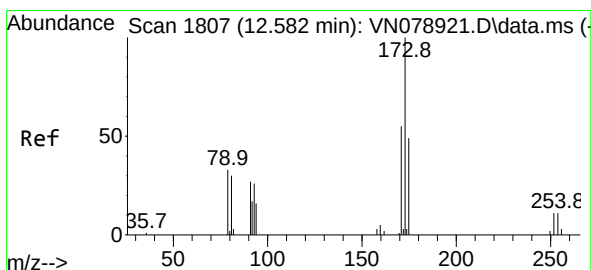
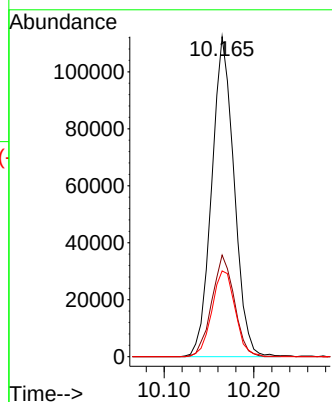
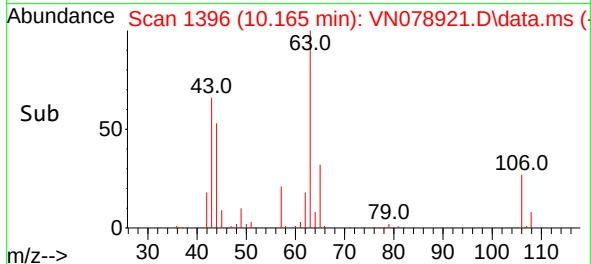
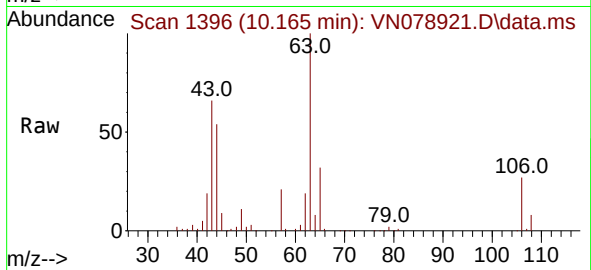
#55
2-Chloroethyl vinyl ether
Concen: 96.140 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 194650
Ion Ratio Lower Upper
63 100
65 31.8 25.4 38.2
106 27.9 22.3 33.5

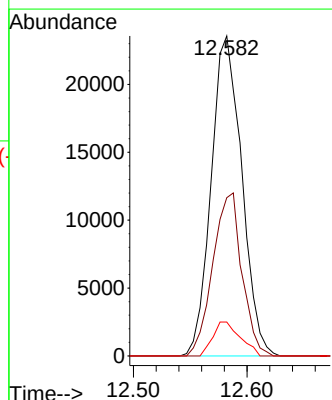
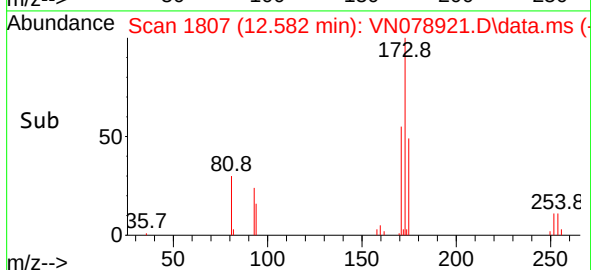
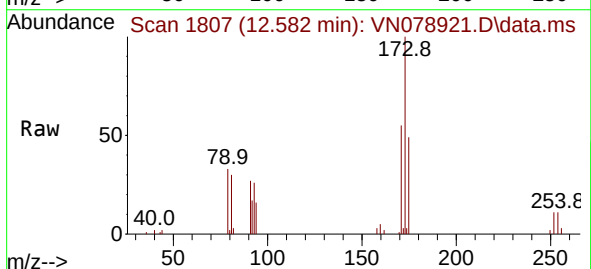
Manual Integrations
APPROVED

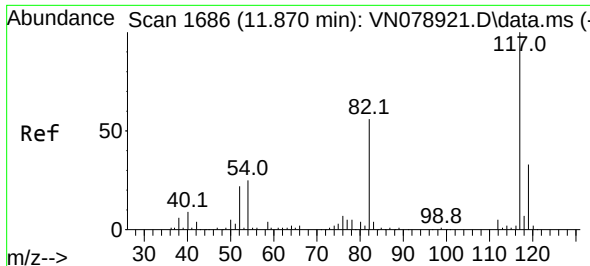
Reviewed By :John Carbone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#56
Bromoform
Concen: 20.183 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Tgt Ion:173 Resp: 44109
Ion Ratio Lower Upper
173 100
175 48.5 38.8 58.2
254 9.5 7.6 11.4





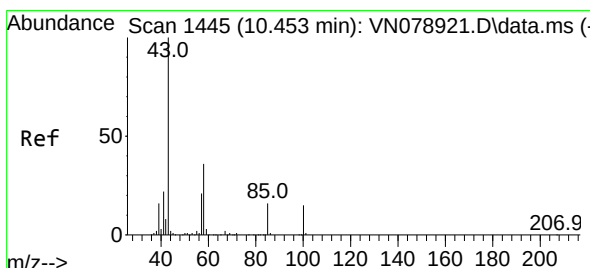
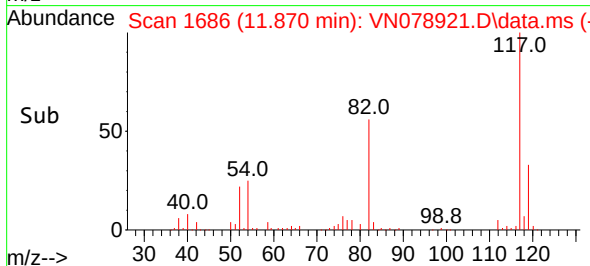
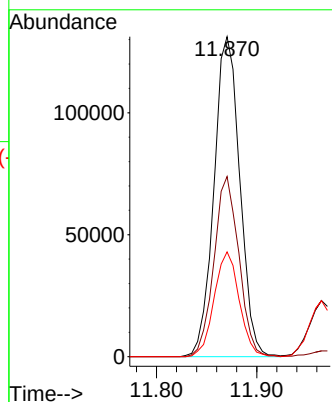
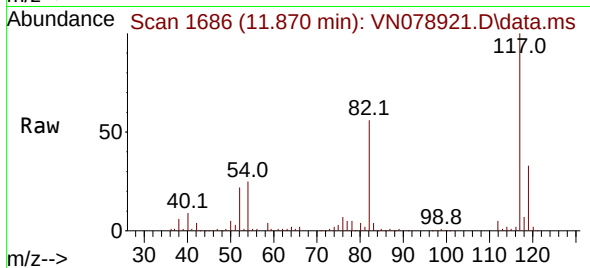
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:117 Resp: 234740
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 31.9 25.5 38.3

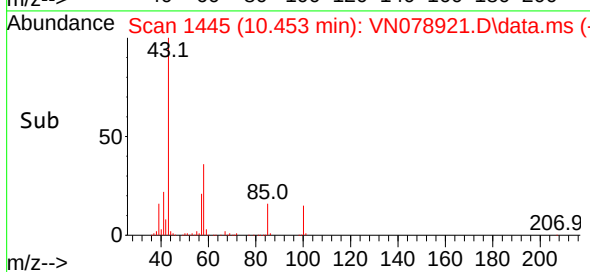
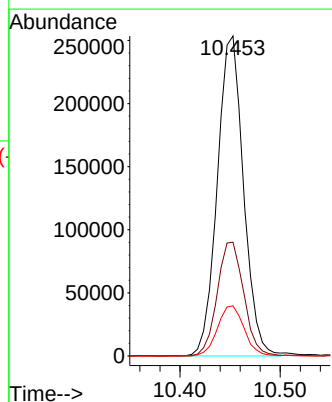
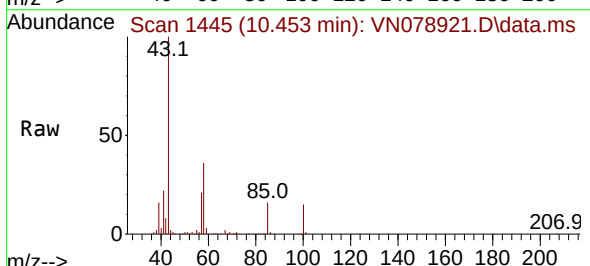
Manual Integrations
APPROVED

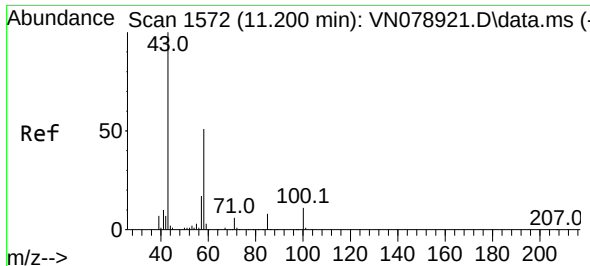
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#58
4-Methyl-2-Pentanone
Concen: 98.838 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

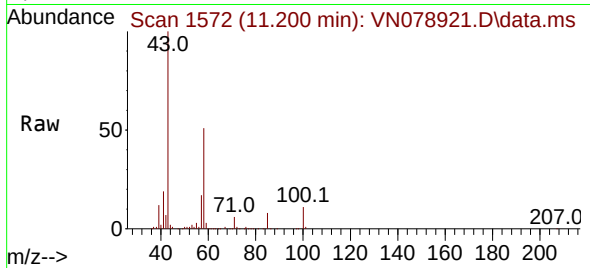
Tgt Ion: 43 Resp: 460320
Ion Ratio Lower Upper
43 100
58 36.0 28.8 43.2
85 15.9 12.7 19.1





#59
2-Hexanone
Concen: 99.656 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

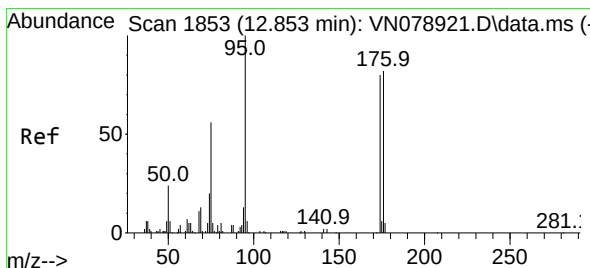
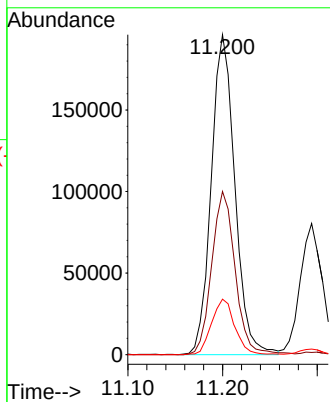
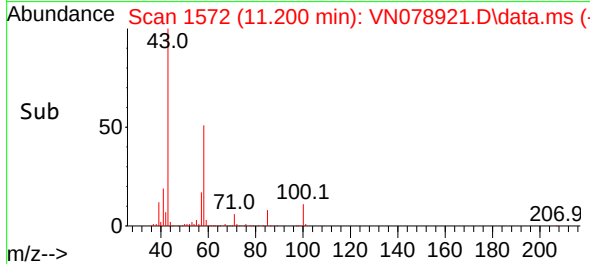
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 340059
Ion Ratio Lower Upper
43 100
58 50.7 40.6 60.8
57 17.0 13.6 20.4

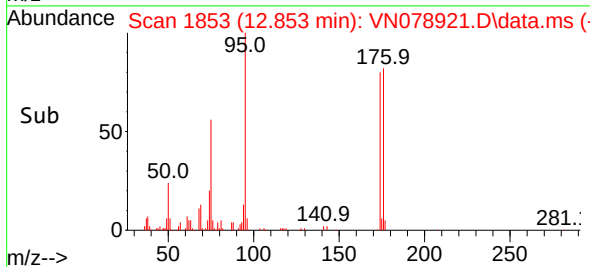
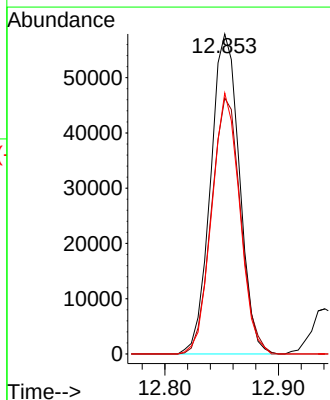
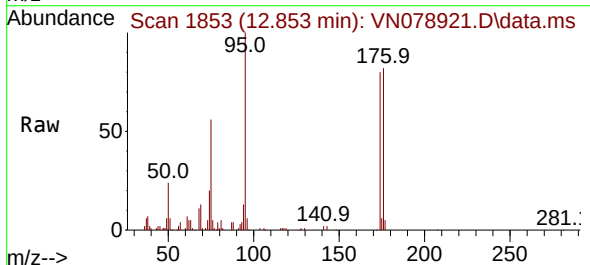
Manual Integrations
APPROVED

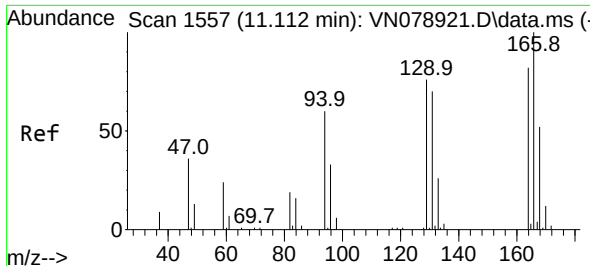
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#60
4-Bromofluorobenzene
Concen: 29.825 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

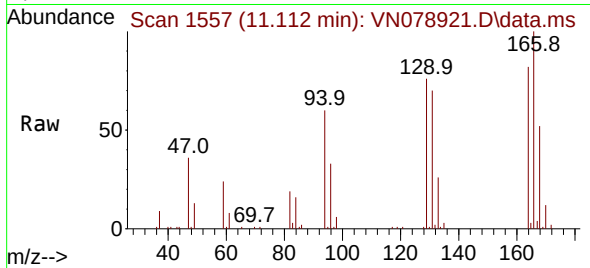
Tgt Ion: 95 Resp: 102125
Ion Ratio Lower Upper
95 100
174 81.0 64.8 97.2
176 78.8 63.0 94.6





#61
Tetrachloroethene
Concen: 20.011 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

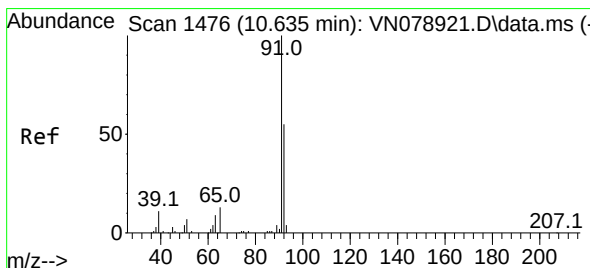
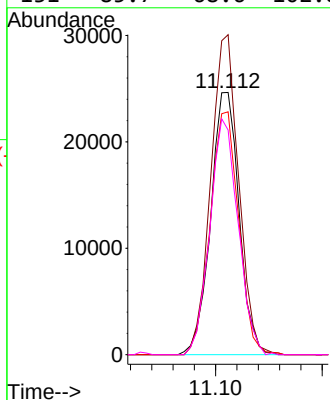
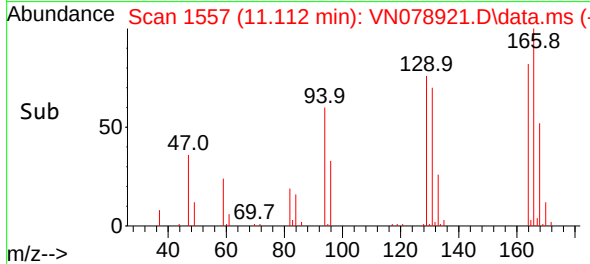
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:164 Resp: 4548
Ion Ratio Lower Upper
164 100
166 122.0 97.6 146.4
129 92.6 74.1 111.1
131 85.7 68.6 102.8

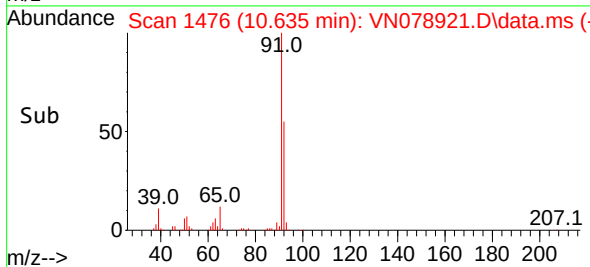
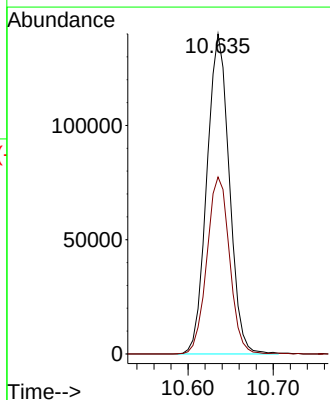
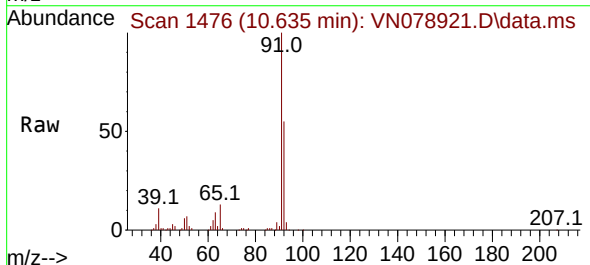
Manual Integrations
APPROVED

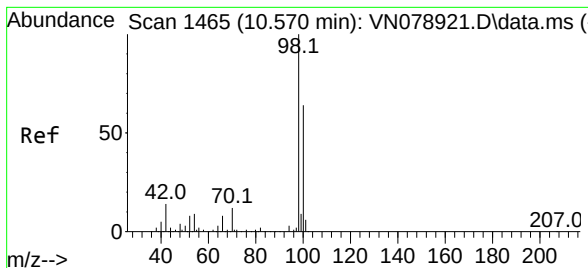
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#62
Toluene
Concen: 19.990 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Tgt Ion: 91 Resp: 256180
Ion Ratio Lower Upper
91 100
92 55.9 44.7 67.1





#63

Toluene-d8

Concen: 29.745 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078921.D

Acq: 17 Aug 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 98 Resp: 326064

Ion Ratio Lower Upper

98 100

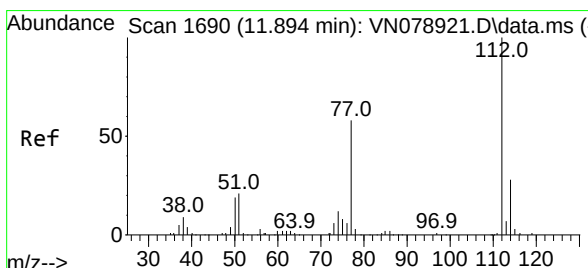
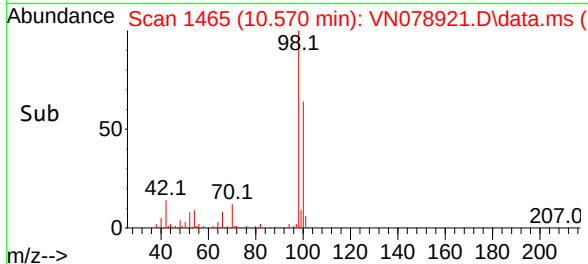
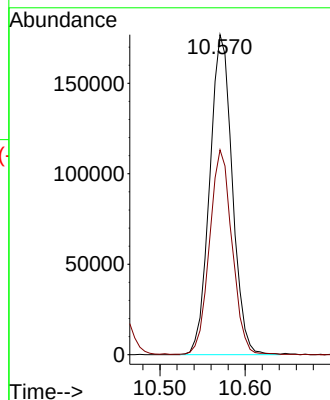
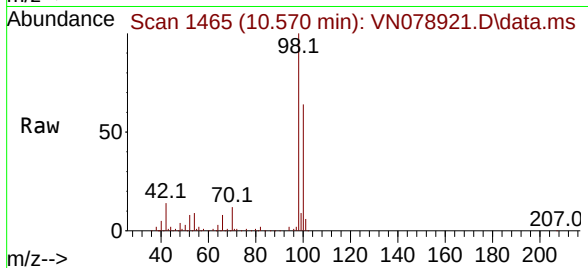
100 63.9 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#64

Chlorobenzene

Concen: 20.164 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.000 min

Lab File: VN078921.D

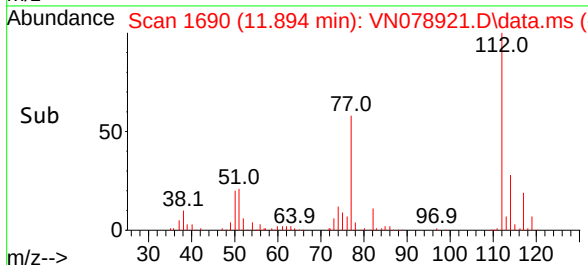
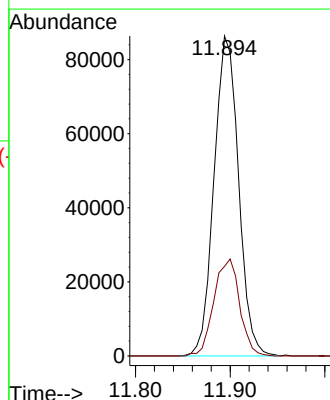
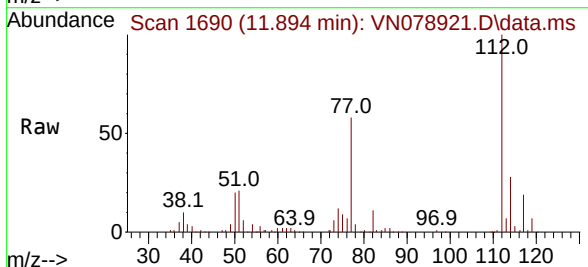
Acq: 17 Aug 2023 13:03

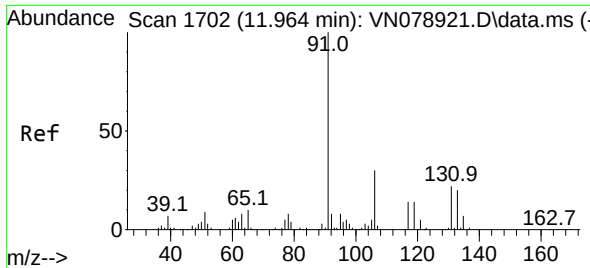
Tgt Ion:112 Resp: 155372

Ion Ratio Lower Upper

112 100

114 28.0 22.4 33.6





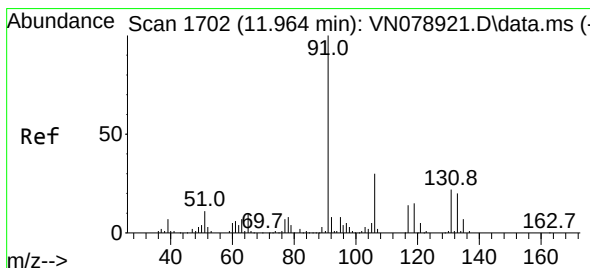
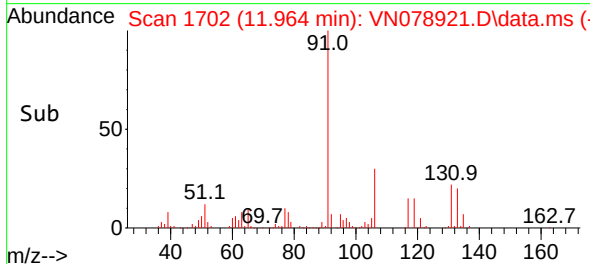
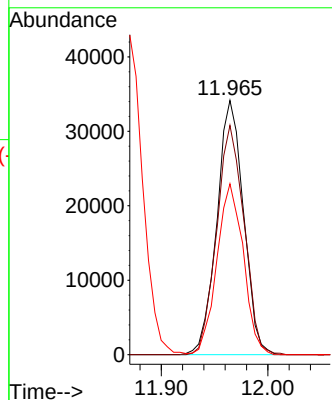
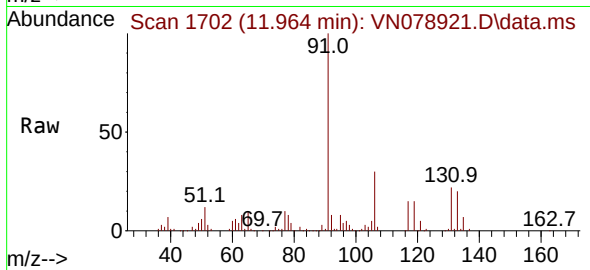
#65
1,1,1,2-Tetrachloroethane
Concen: 20.179 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:131 Resp: 59452
Ion Ratio Lower Upper
131 100
133 92.4 0.0 184.8
119 66.7 0.0 133.4

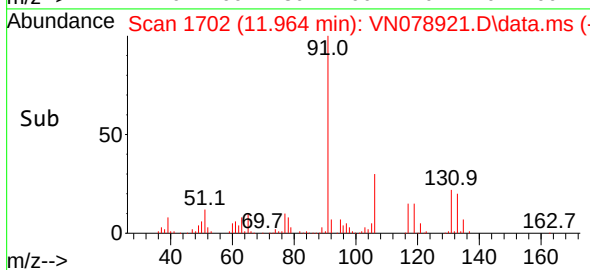
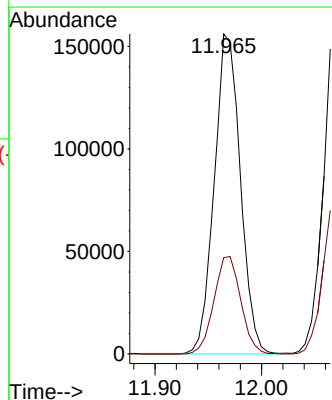
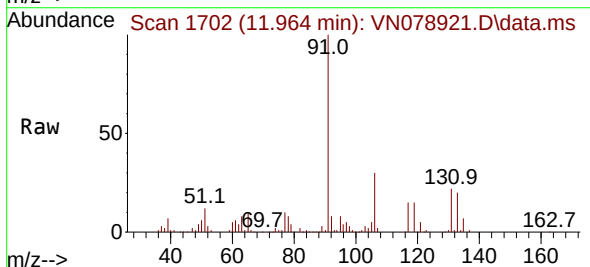
Manual Integrations
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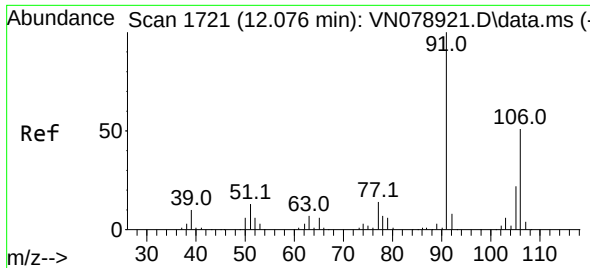
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#66
Ethyl Benzene
Concen: 19.808 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Tgt Ion: 91 Resp: 265536
Ion Ratio Lower Upper
91 100
106 30.1 24.1 36.1





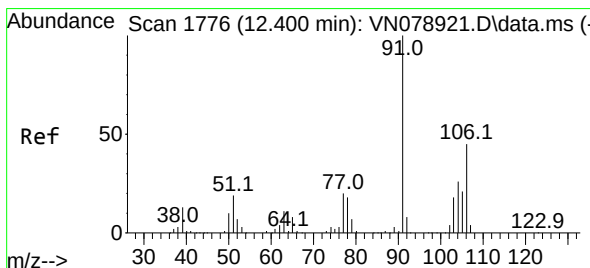
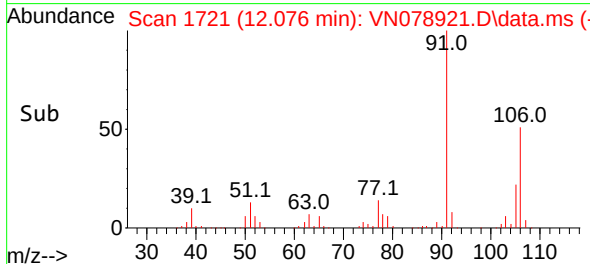
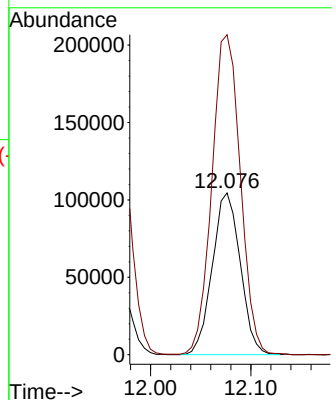
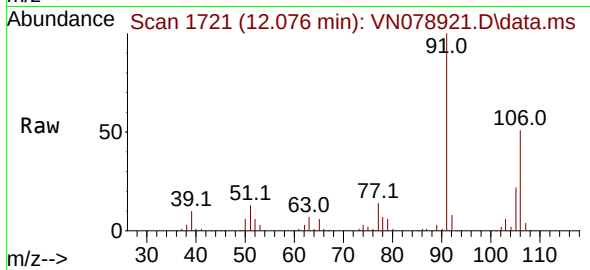
#67
m/p-Xylenes
Concen: 40.508 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 202472
Ion Ratio Lower Upper
106 100
91 201.5 161.2 241.8

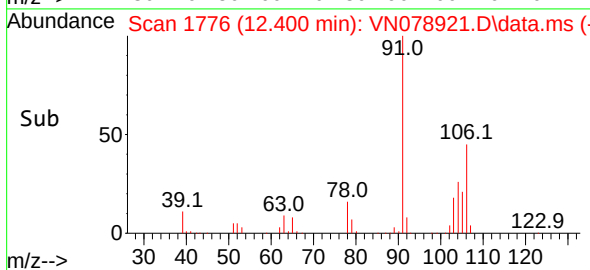
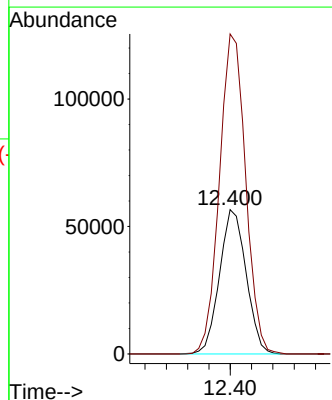
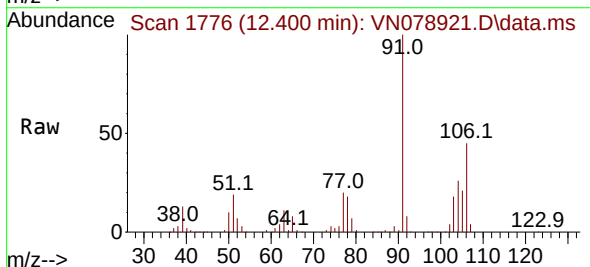
Manual Integrations
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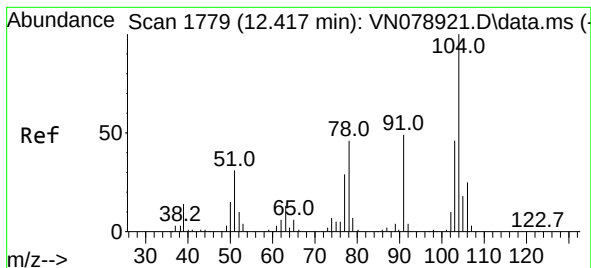
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#68
o-Xylene
Concen: 19.939 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Tgt Ion:106 Resp: 98262
Ion Ratio Lower Upper
106 100
91 218.0 109.0 327.0





#69

Styrene

Concen: 20.412 ug/l

RT: 12.417 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN078921.D

Acq: 17 Aug 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:104 Resp: 163458

Ion Ratio Lower Upper

104 100

78 50.3 40.2 60.4

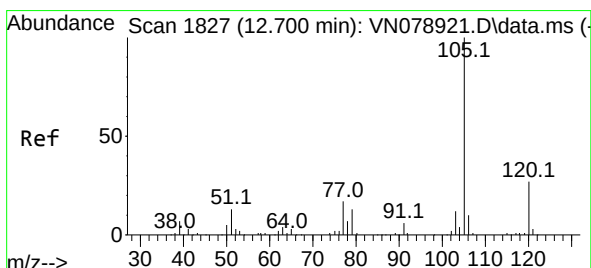
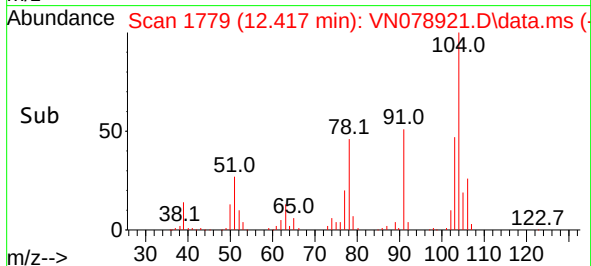
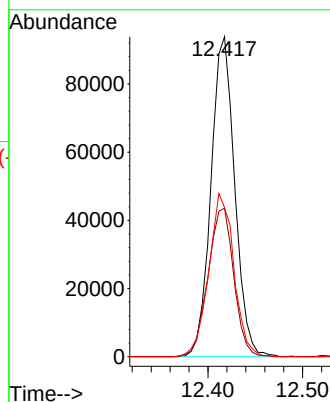
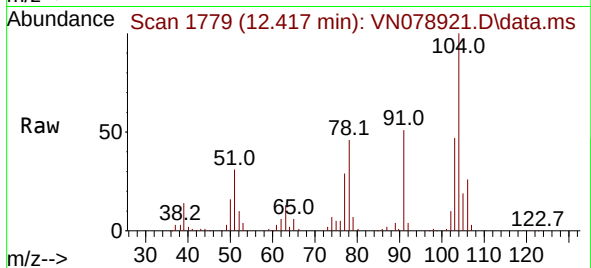
103 54.0 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#70

Isopropylbenzene

Concen: 20.160 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN078921.D

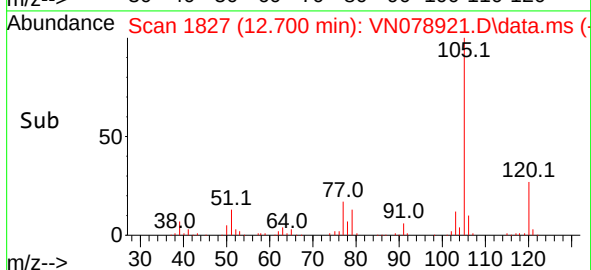
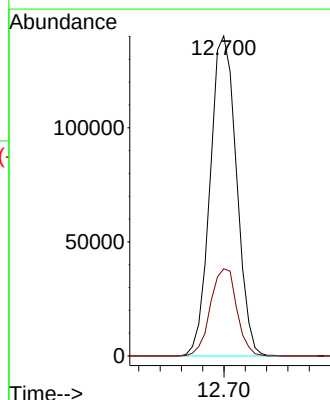
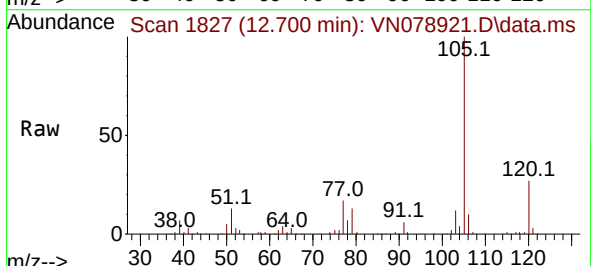
Acq: 17 Aug 2023 13:03

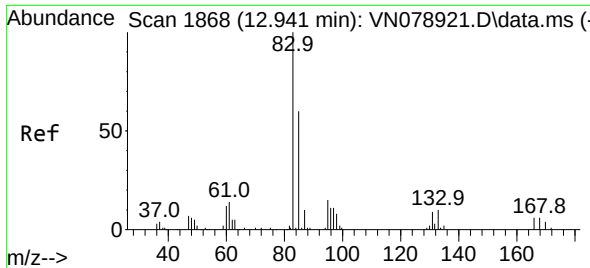
Tgt Ion:105 Resp: 240729

Ion Ratio Lower Upper

105 100

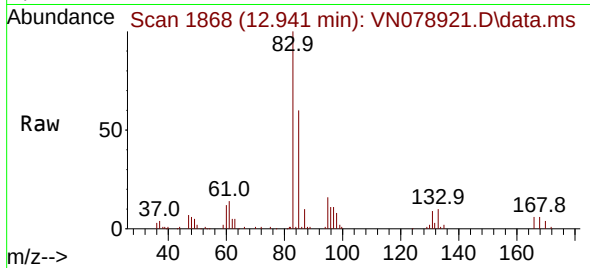
120 27.3 19.1 35.5





#71
1,1,2,2-Tetrachloroethane
Concen: 19.953 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

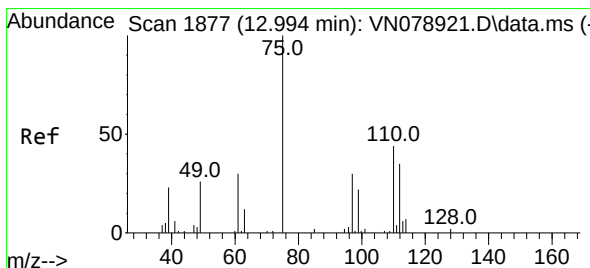
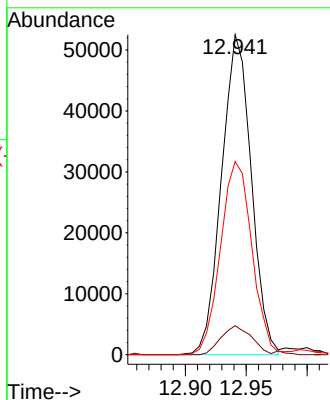
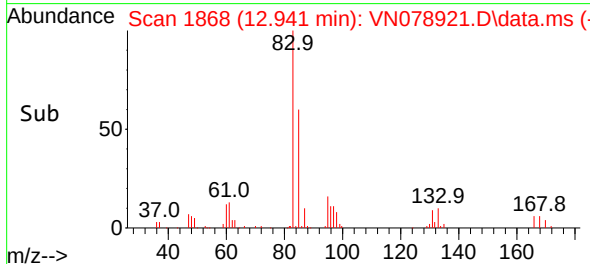
Instrument : MSVOA_N
ClientSampleId : VSTDICCC020



Tgt Ion: 83 Resp: 89310
Ion Ratio Lower Upper
83 100
131 9.3 4.7 14.0
85 63.8 31.9 95.7

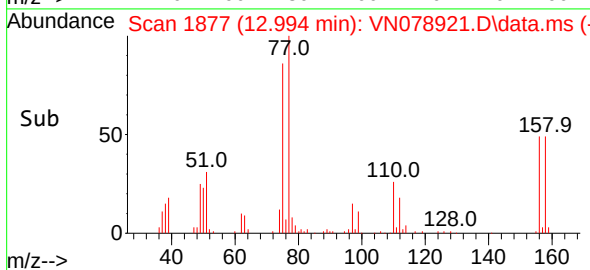
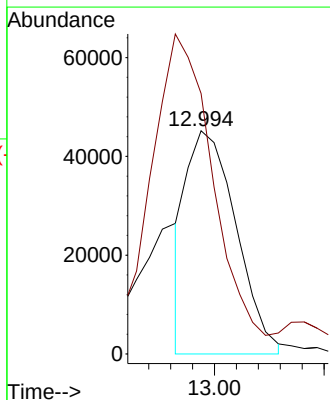
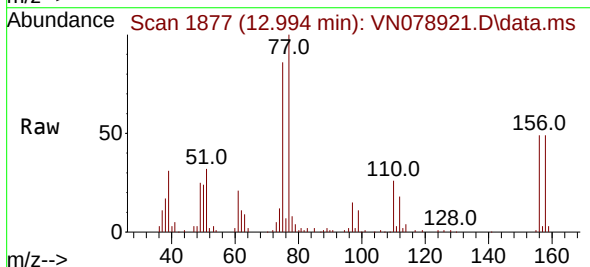
Manual Integrations
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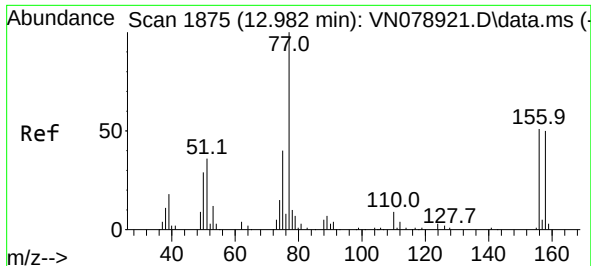
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#72
1,2,3-Trichloropropane
Concen: 18.118 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Tgt Ion: 75 Resp: 71071
Ion Ratio Lower Upper
75 100
77 183.7 0.0 367.4





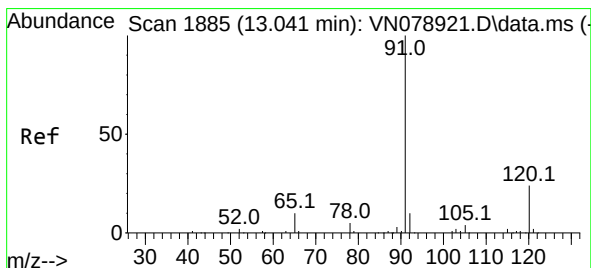
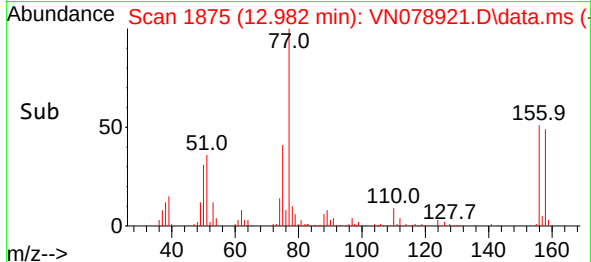
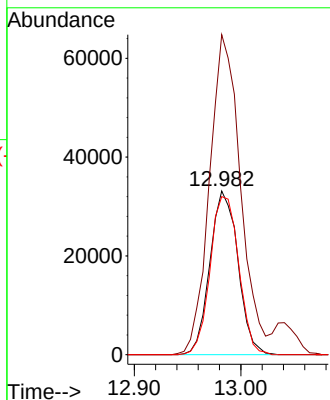
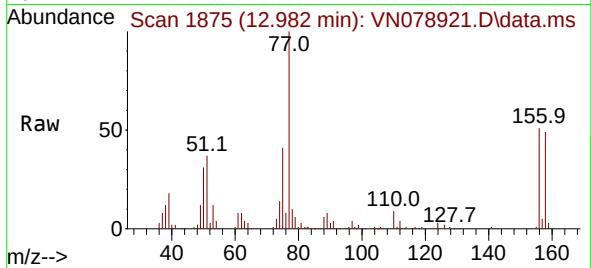
#73
Bromobenzene
Concen: 19.924 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:156 Resp: 60569
Ion Ratio Lower Upper
156 100
77 215.5 0.0 431.0
158 98.4 0.0 196.8

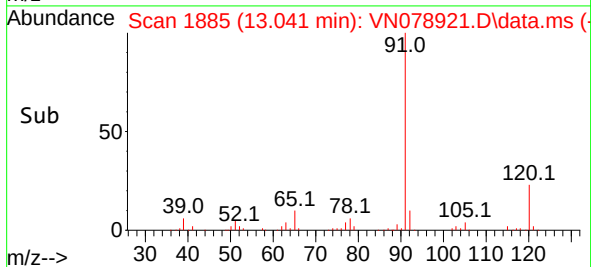
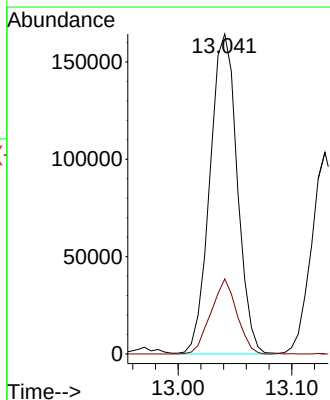
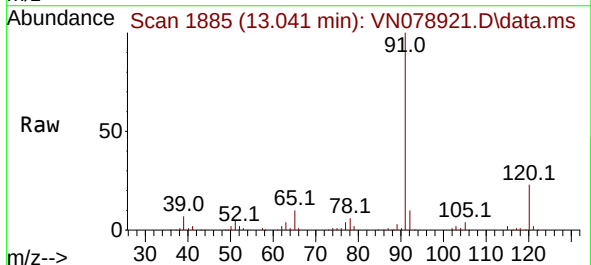
Manual Integrations
APPROVED

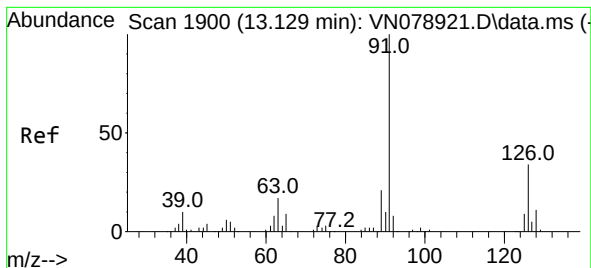
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#74
n-propylbenzene
Concen: 20.346 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Tgt Ion: 91 Resp: 275340
Ion Ratio Lower Upper
91 100
120 22.2 0.0 44.4





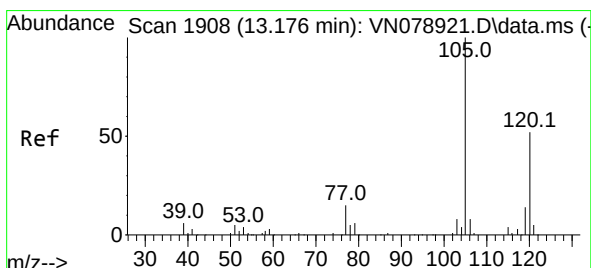
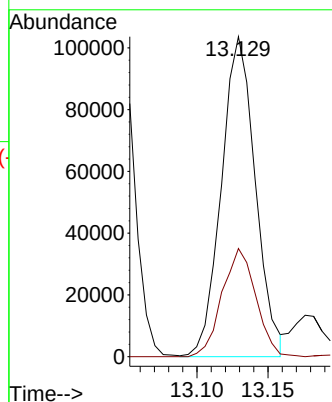
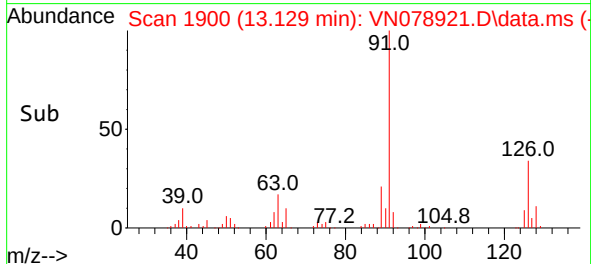
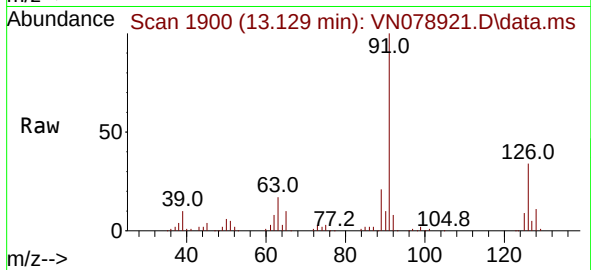
#75
2-Chlorotoluene
Concen: 20.079 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 172380
Ion Ratio Lower Upper
91 100
126 33.6 0.0 67.2

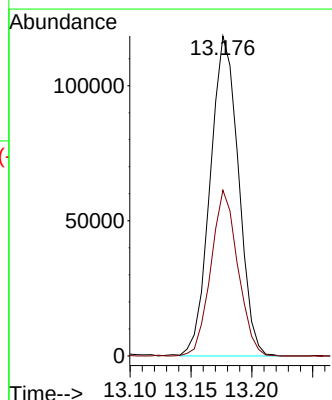
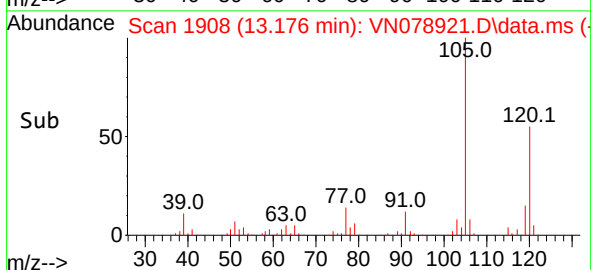
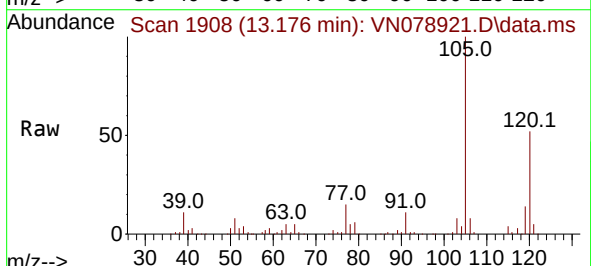
Manual Integrations
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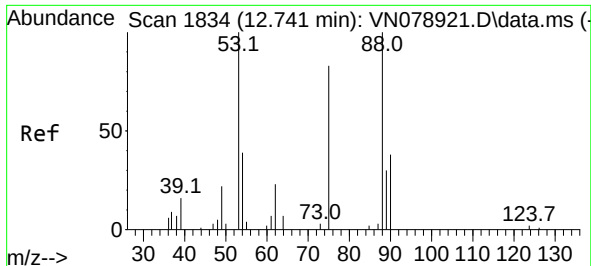
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.204 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

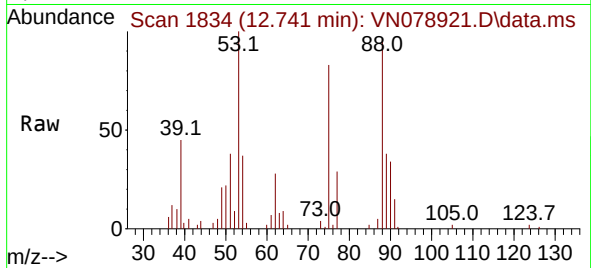
Tgt Ion:105 Resp: 191247
Ion Ratio Lower Upper
105 100
120 49.4 0.0 98.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.861 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

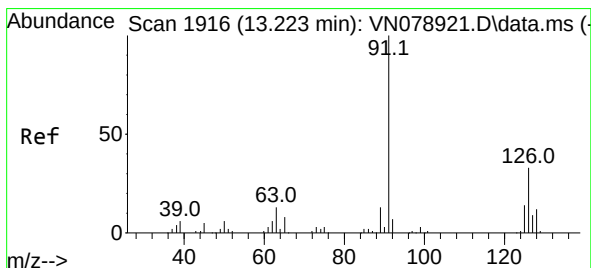
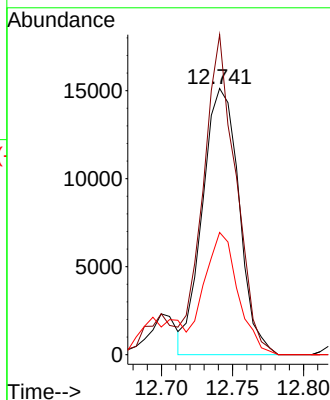
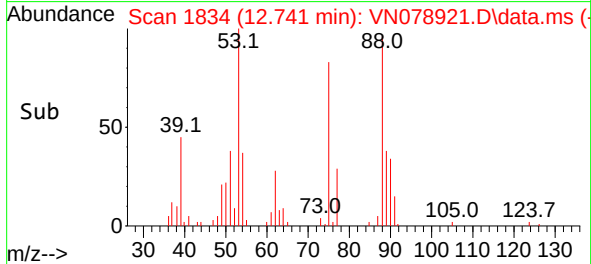
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 2710
Ion Ratio Lower Upper
75 100
53 120.2 60.1 180.3
89 45.9 22.9 68.8

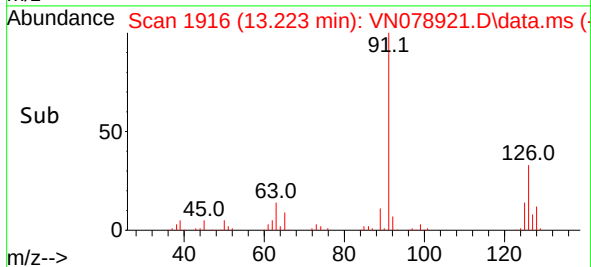
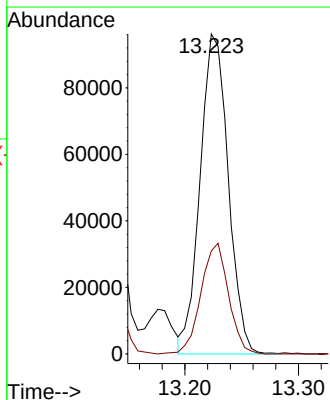
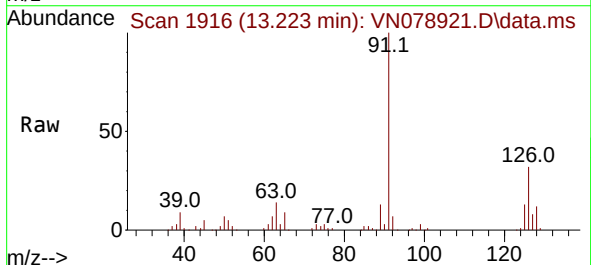
Manual Integrations
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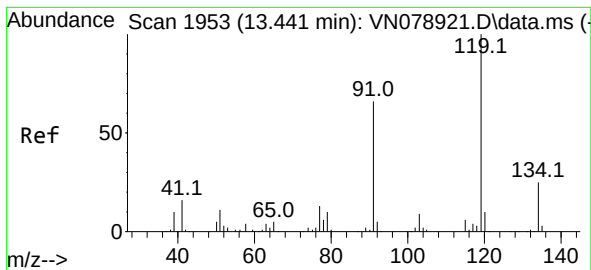
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#78
4-Chlorotoluene
Concen: 20.154 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Tgt Ion: 91 Resp: 165771
Ion Ratio Lower Upper
91 100
126 33.7 0.0 67.4





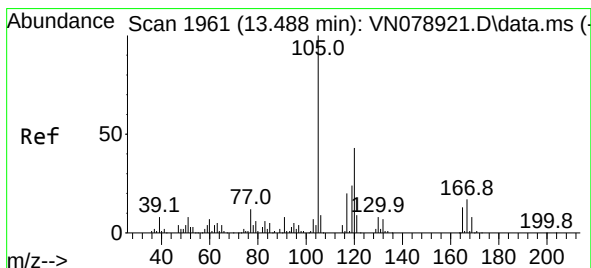
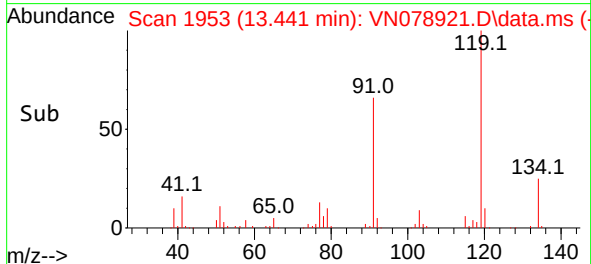
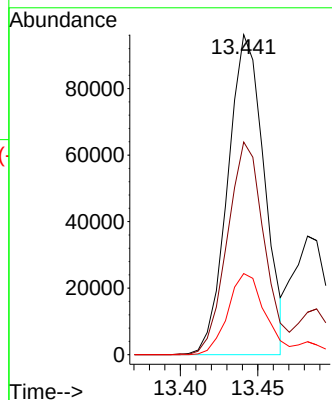
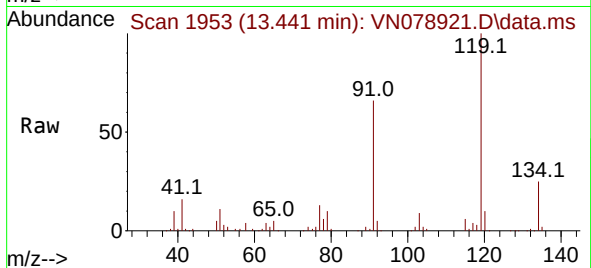
#79
tert-butylbenzene
Concen: 19.666 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 157300
Ion Ratio Lower Upper
119 100
91 67.8 0.0 135.6
134 25.7 0.0 51.4

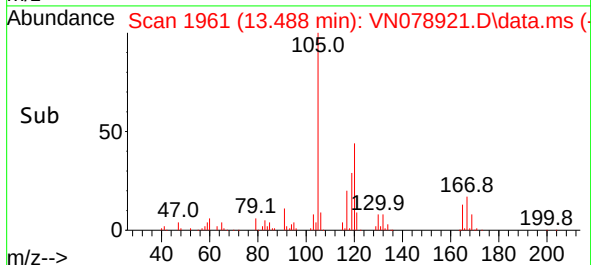
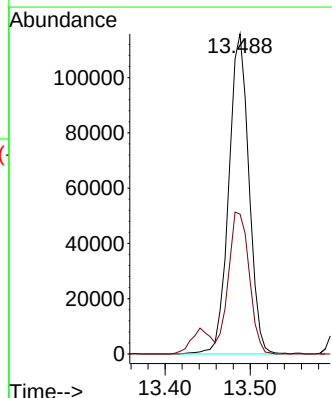
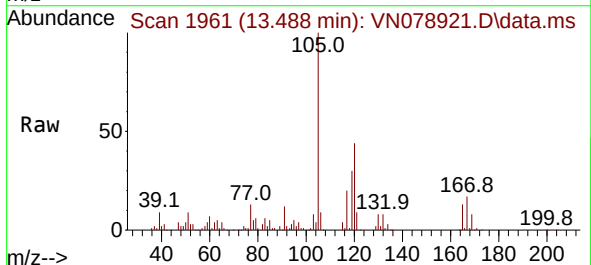
Manual Integrations
APPROVED

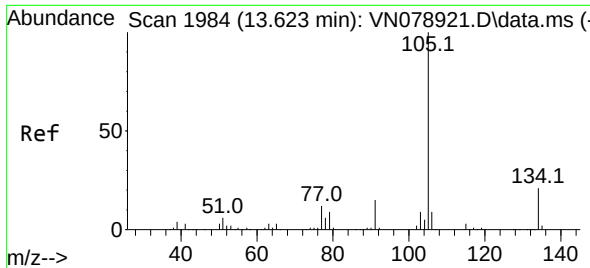
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#80
1,2,4-Trimethylbenzene
Concen: 20.366 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

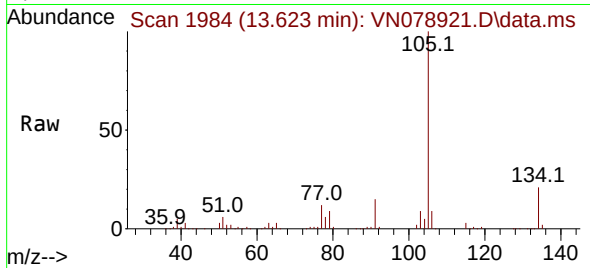
Tgt Ion:105 Resp: 189563
Ion Ratio Lower Upper
105 100
120 45.8 0.0 91.6





#81
 sec-Butylbenzene
 Concen: 20.539 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078921.D
 Acq: 17 Aug 2023 13:03

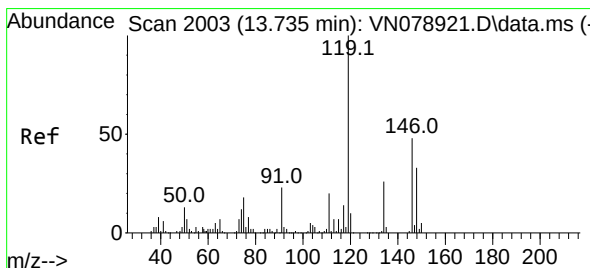
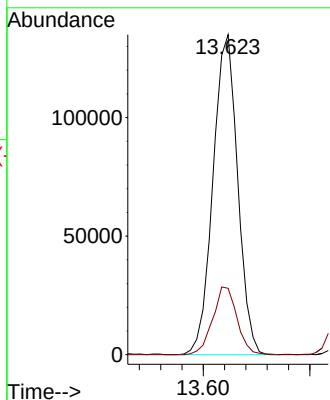
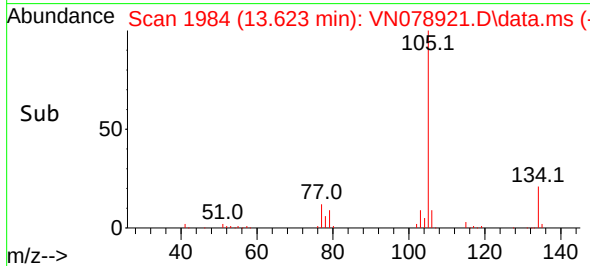
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



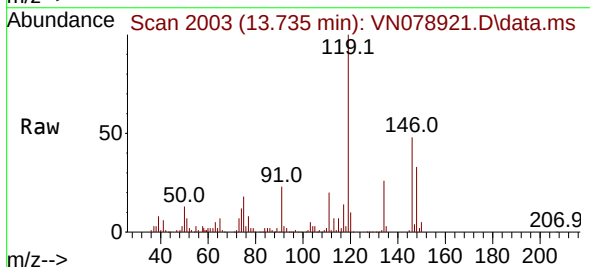
Tgt Ion:105 Resp: 216818
 Ion Ratio Lower Upper
 105 100
 134 20.8 0.0 41.6

Manual Integrations
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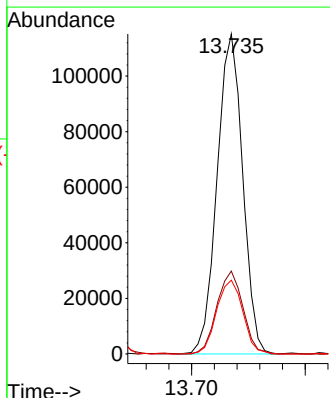
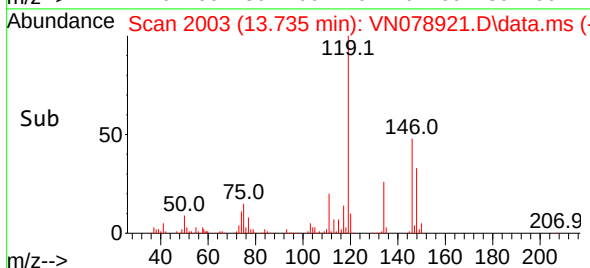
Reviewed By :John Carlone 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023

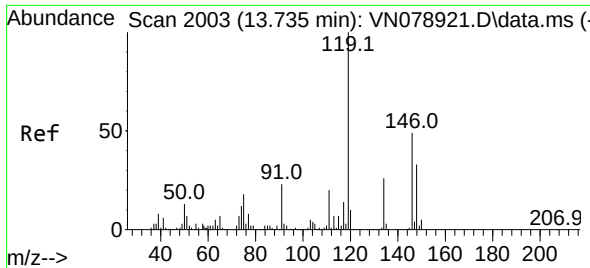


#82
 p-Isopropyltoluene
 Concen: 20.912 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078921.D
 Acq: 17 Aug 2023 13:03



Tgt Ion:119 Resp: 180234
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 52.4
 91 23.7 0.0 47.4





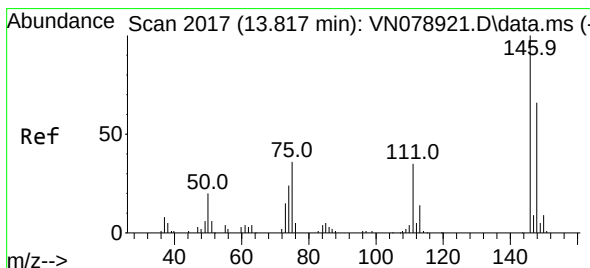
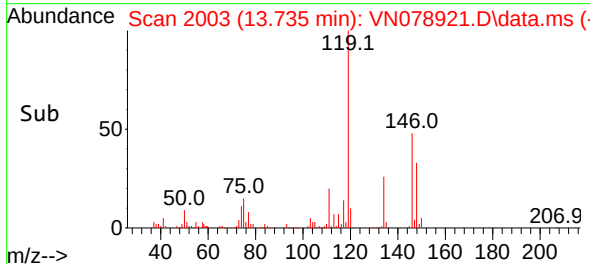
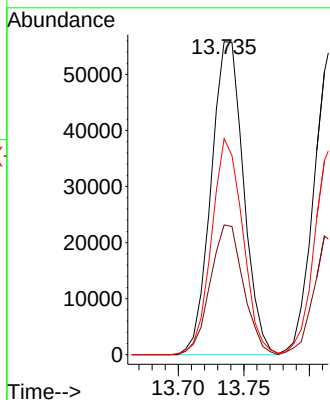
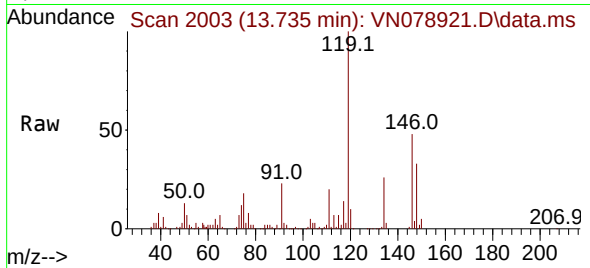
#83
 1,3-Dichlorobenzene
 Concen: 19.602 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078921.D
 Acq: 17 Aug 2023 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion:146 Resp: 96170
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.2 63.6
 148 66.3 33.1 99.5

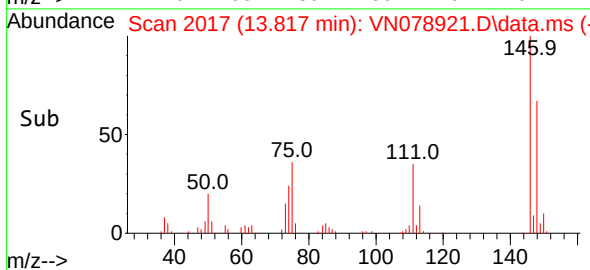
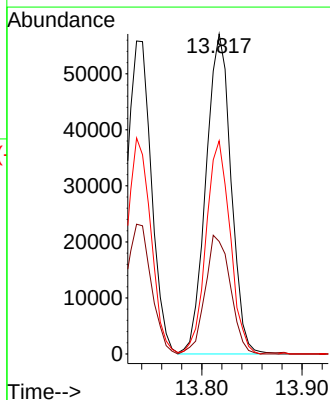
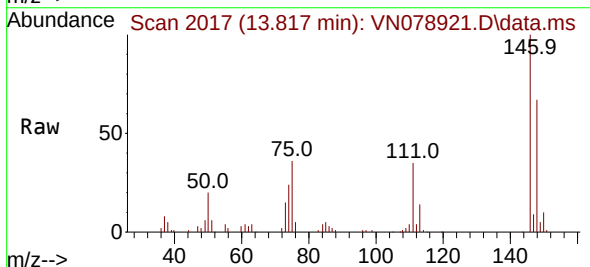
Manual Integrations
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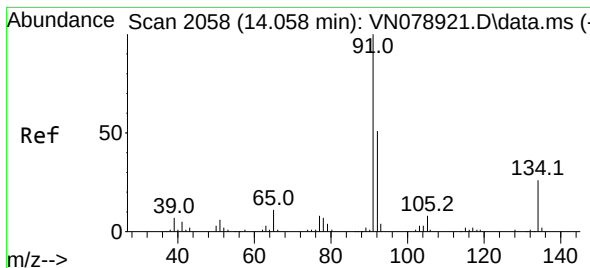
Reviewed By :John Carlone 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023



#84
 1,4-Dichlorobenzene
 Concen: 20.626 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN078921.D
 Acq: 17 Aug 2023 13:03

Tgt Ion:146 Resp: 99352
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 56.0
 148 64.1 32.0 96.2





#85

n-Butylbenzene

Concen: 20.602 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN078921.D

Acq: 17 Aug 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 91 Resp: 139659

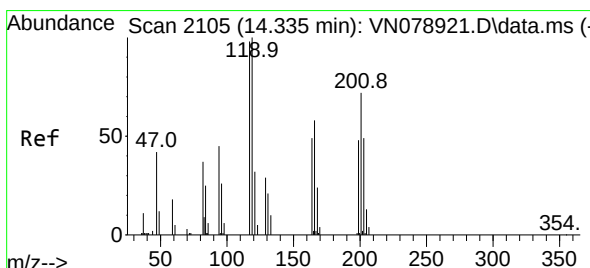
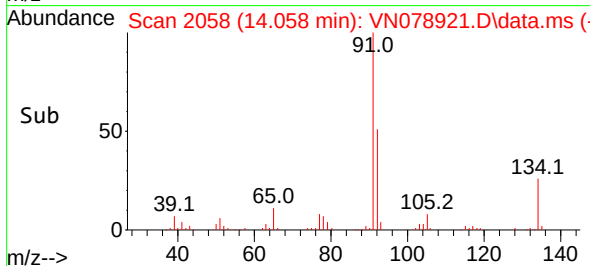
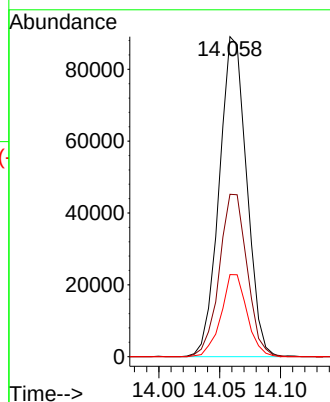
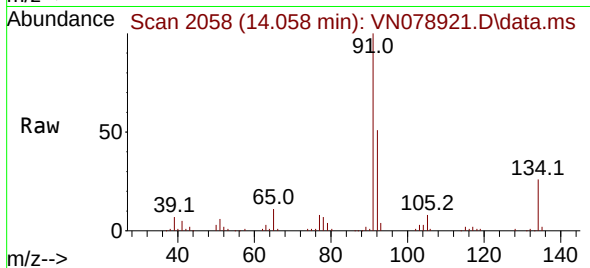
Ion	Ratio	Lower	Upper
91	100		
92	51.4	0.0	102.8
134	24.3	0.0	48.6

Manual Integrations

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Reviewed By :John Carbone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#86

Hexachloroethane

Concen: 19.693 ug/l

RT: 14.335 min Scan# 2105

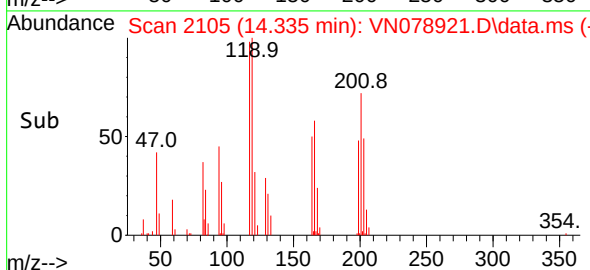
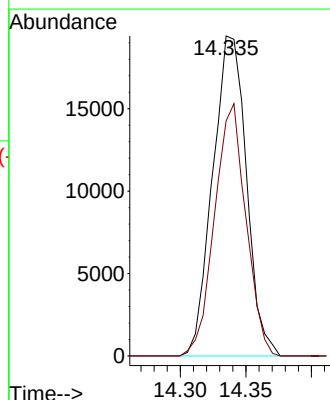
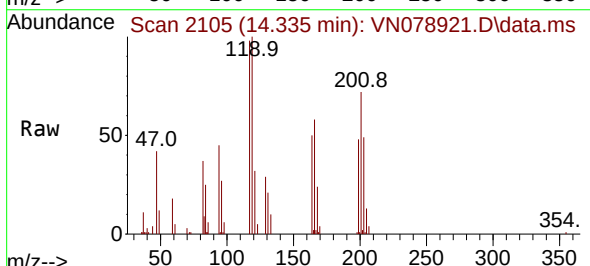
Delta R.T. 0.000 min

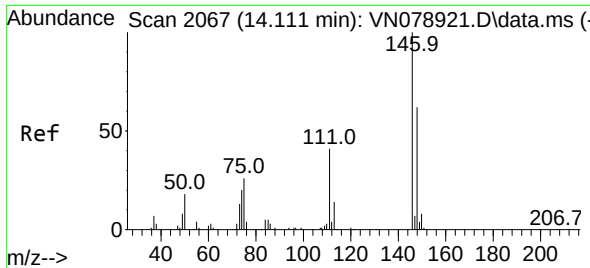
Lab File: VN078921.D

Acq: 17 Aug 2023 13:03

Tgt Ion:117 Resp: 34729

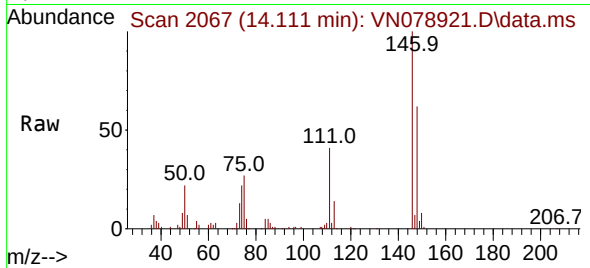
Ion	Ratio	Lower	Upper
117	100		
201	73.2	36.6	109.8





#87
1,2-Dichlorobenzene
Concen: 20.397 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

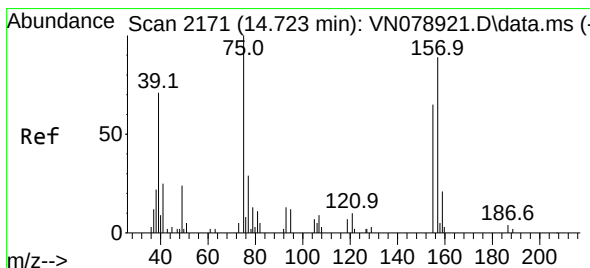
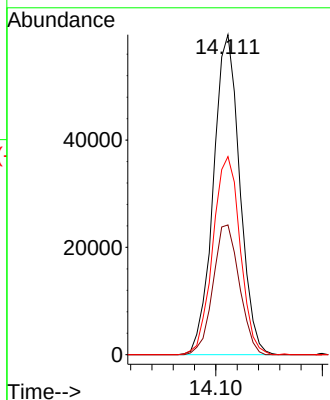
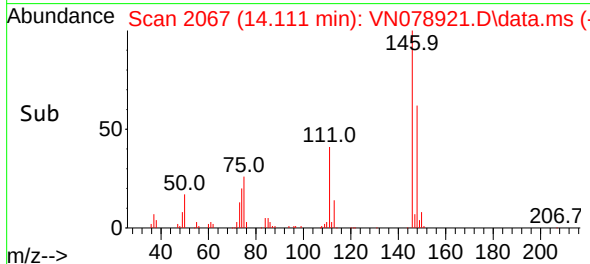
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:146 Resp: 10249
Ion Ratio Lower Upper
146 100
111 40.5 20.3 60.8
148 64.1 32.0 96.2

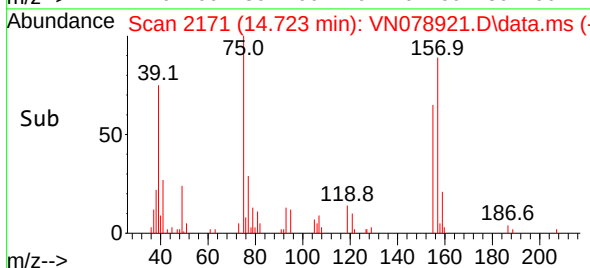
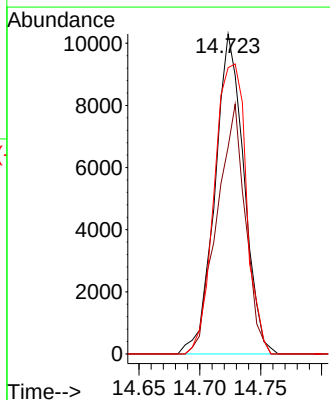
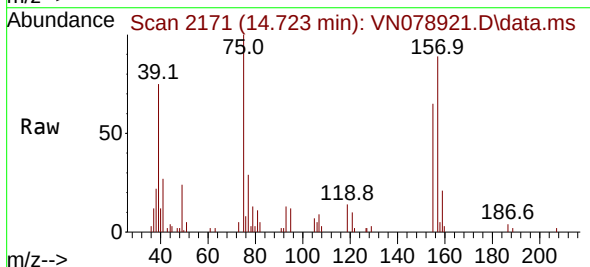
Manual Integrations
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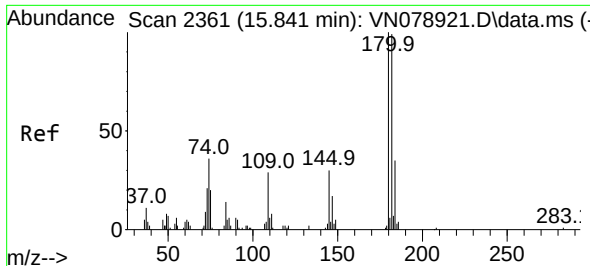
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 21.256 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

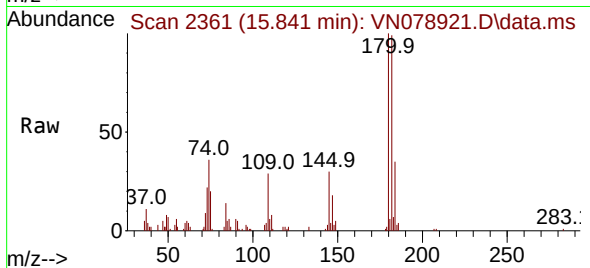
Tgt Ion: 75 Resp: 17078
Ion Ratio Lower Upper
75 100
155 76.4 61.1 91.7
157 99.7 79.8 119.6





#89
1,2,4-Trichlorobenzene
Concen: 21.322 ug/l
RT: 15.841 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

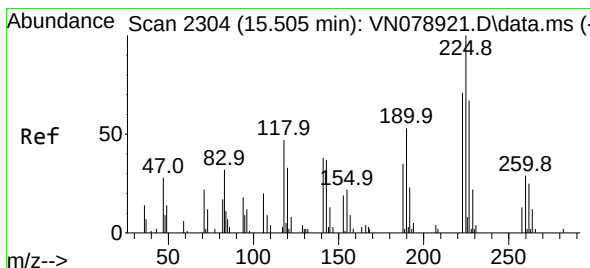
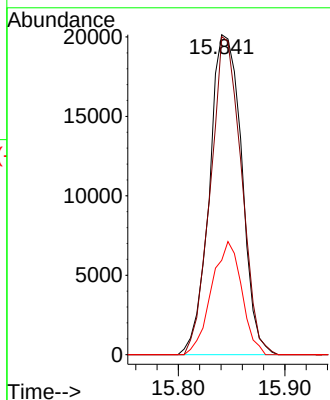
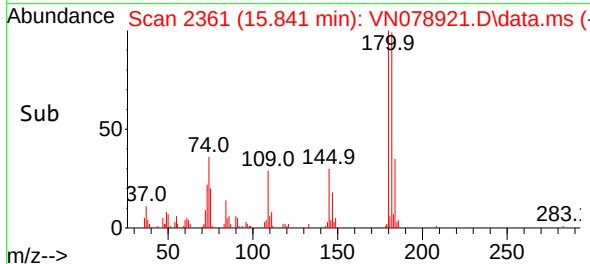
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:180 Resp: 42324
Ion Ratio Lower Upper
180 100
182 95.1 76.1 114.1
145 33.1 26.5 39.7

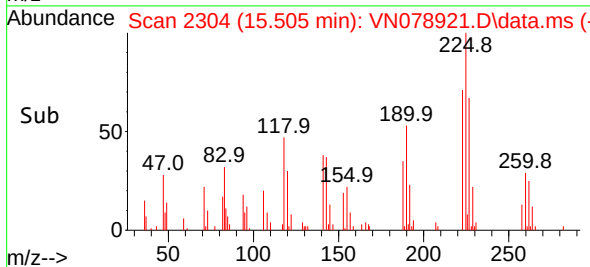
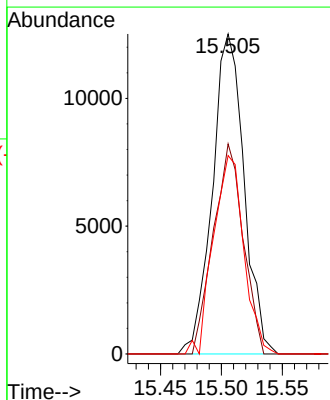
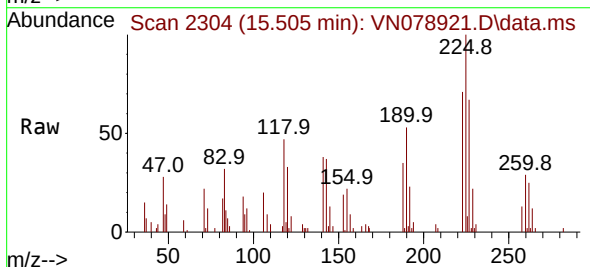
Manual Integrations
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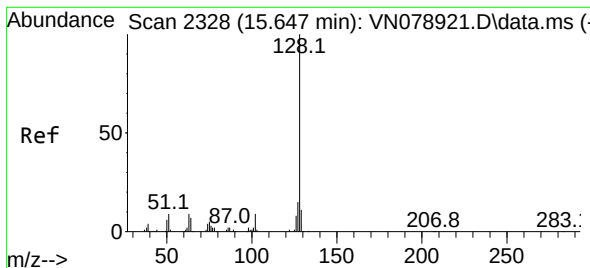
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#90
Hexachlorobutadiene
Concen: 21.914 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Tgt Ion:225 Resp: 22641
Ion Ratio Lower Upper
225 100
223 62.0 0.0 124.0
227 58.7 0.0 117.4





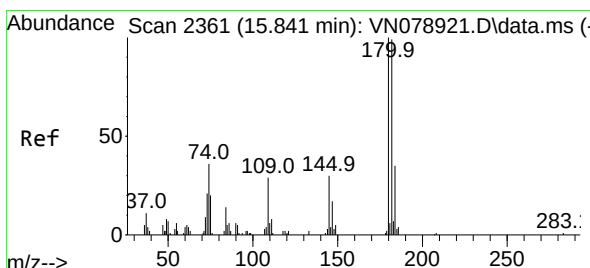
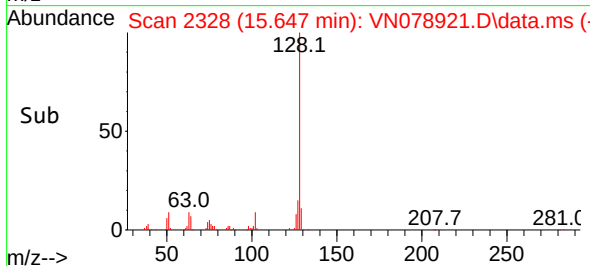
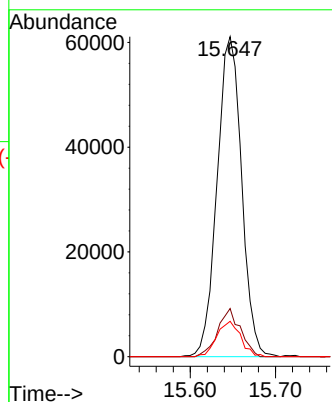
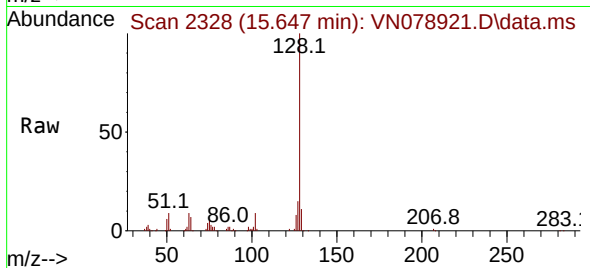
#91
Naphthalene
Concen: 21.326 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 12206
Ion Ratio Lower Upper
128 100
127 13.9 11.1 16.7
129 10.8 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#92
1,2,3-Trichlorobenzene
Concen: 21.327 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN078921.D
Acq: 17 Aug 2023 13:03

Tgt Ion:180 Resp: 42324
Ion Ratio Lower Upper
180 100
182 95.1 0.0 190.2
145 33.1 0.0 66.2

