

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
 Data File : VN078810.D
 Acq On : 08 Aug 2023 20:16
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080823

Quant Time: Aug 09 05:08:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 09 05:05:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/09/2023
 Supervised By : Semsettin Yesilyurt 08/09/2023

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

Internal Standards						
1) Bromochloromethane	7.824	128	31128	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	167652	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	150983	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	75607	30.170	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.567%			
60) 4-Bromofluorobenzene	12.853	95	61845	29.182	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.267%			
63) Toluene-d8	10.571	98	220191	29.761	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	36459	16.992	ug/l	98
3) Chloromethane	2.371	50	50611	19.808	ug/l	96
4) Vinyl Chloride	2.524	62	48195	19.823	ug/l	96
5) Bromomethane	2.965	94	33171	18.755	ug/l	95
6) Chloroethane	3.130	64	32414	18.768	ug/l	97
7) Trichlorofluoromethane	3.506	101	61213	18.344	ug/l	100
8) Diethyl Ether	3.971	74	22764	19.184	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.383	101	31214	17.437	ug/l	84
10) 1,1-Dichloroethene	4.347	96	32503m	18.749	ug/l	
11) Methyl Iodide	4.606	142	42939	18.568	ug/l	97
12) Methyl Acetate	5.042	43	71664	19.019	ug/l	91
13) Acrolein	4.200	56	40236m	100.821	ug/l	
14) Acrylonitrile	5.730	53	98866	99.581	ug/l #	87
15) Acetone	4.442	58	24733	96.685	ug/l	93
16) Carbon Disulfide	4.718	76	90332	18.001	ug/l	96
17) Allyl chloride	5.042	41	55208	18.219	ug/l	89
18) Methylene Chloride	5.294	84	40173	18.570	ug/l	91
19) trans-1,2-Dichloroethene	5.794	96	38685	19.435	ug/l #	94
20) Diisopropyl ether	6.689	45	137547	20.214	ug/l	96
21) 1,1-Dichloroethane	6.577	63	74489	19.200	ug/l	94
22) cis-1,2-Dichloroethene	7.494	96	42898	19.444	ug/l	95
23) tert-Butyl Alcohol	5.542	59	34565	93.691	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	117732	20.291	ug/l #	74
25) Chloroform	7.971	83	74550m	19.356	ug/l	
26) Cyclohexane	8.259	56	53764	17.595	ug/l #	96
29) 1,1-Dichloropropene	8.377	75	51015	18.730	ug/l	96
30) 2-Butanone	7.500	43	136216	102.034	ug/l #	91
31) 2,2-Dichloropropane	7.506	77	49050	17.464	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	61935	19.309	ug/l	97
33) Carbon Tetrachloride	8.371	117	52580	18.993	ug/l	89
34) Benzene	8.612	78	160086	19.316	ug/l	100
35) Methacrylonitrile	7.794	41	29529	18.837	ug/l	74
36) 1,2-Dichloroethane	8.682	62	59727	20.616	ug/l	100
37) Trichloroethene	9.359	130	39847	19.981	ug/l	98
38) Methylcyclohexane	9.612	83	46740	18.125	ug/l	92
39) 1,2-Dichloropropane	9.630	63	43750	19.953	ug/l	99
40) Dibromomethane	9.718	93	28205	19.317	ug/l	96
41) Bromodichloromethane	9.894	83	57361	19.497	ug/l	95
42) Vinyl Acetate	6.618	43	436616	103.931	ug/l	96

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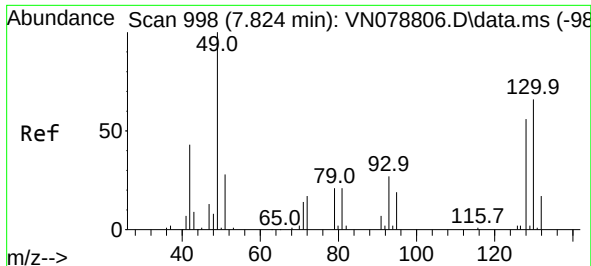
Manual Integrations
 APPROVED

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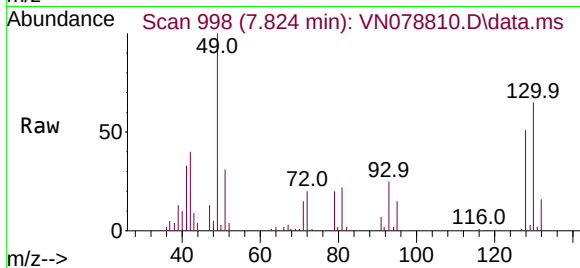
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Ethyl Acetate	7.571	43	57476	20.739	ug/l	#	86
44) Isopropyl Acetate	8.694	43	98346	19.762	ug/l		91
45) 1,4-Dioxane	9.700	88	13390	401.053	ug/l		91
46) Methyl methacrylate	9.688	41	43551	20.667	ug/l		83
47) n-amyl Acetate	12.500	43	66373	19.078	ug/l		93
48) t-1,3-Dichloropropene	10.841	75	58341	19.638	ug/l		97
49) cis-1,3-Dichloropropene	10.318	75	64059	19.390	ug/l	#	89
50) 1,1,2-Trichloroethane	11.024	97	41141	20.736	ug/l		95
51) Ethyl methacrylate	10.882	69	54038	19.432	ug/l		75
52) 1,3-Dichloropropane	11.171	76	67982	19.956	ug/l		99
53) Dibromochloromethane	11.365	129	40774	19.691	ug/l		96
54) 1,2-Dibromoethane	11.476	107	38457	19.840	ug/l		97
55) 2-Chloroethyl vinyl ether	10.165	63	104776	102.163	ug/l		95
56) Bromoform	12.582	173	26814	20.686	ug/l		96
58) 4-Methyl-2-Pentanone	10.453	43	289730	99.836	ug/l	#	92
59) 2-Hexanone	11.200	43	199668	99.009	ug/l		91
61) Tetrachloroethene	11.112	164	28903	16.733	ug/l		96
62) Toluene	10.635	91	170158	19.143	ug/l		99
64) Chlorobenzene	11.900	112	98640	18.955	ug/l		100
65) 1,1,1,2-Tetrachloroethane	11.971	131	37668	18.788	ug/l		97
66) Ethyl Benzene	11.971	91	161202	17.462	ug/l		99
67) m/p-Xylenes	12.076	106	123381	36.449	ug/l		100
68) o-Xylene	12.406	106	62462	18.539	ug/l		99
69) Styrene	12.418	104	95852	18.618	ug/l		98
70) Isopropylbenzene	12.700	105	148657	17.863	ug/l		98
71) 1,1,2,2-Tetrachloroethane	12.941	83	53846	19.094	ug/l		96
72) 1,2,3-Trichloropropane	12.994	75	50462m	20.499	ug/l		
73) Bromobenzene	12.982	156	35766	17.981	ug/l		95
74) n-propylbenzene	13.041	91	164611	17.874	ug/l		99
75) 2-Chlorotoluene	13.129	91	104108	18.147	ug/l		99
76) 1,3,5-Trimethylbenzene	13.182	105	120845	18.282	ug/l		100
77) t-1,4-Dichloro-2-butene	12.741	75	15659	20.266	ug/l		90
78) 4-Chlorotoluene	13.229	91	95143	17.877	ug/l		98
79) tert-butylbenzene	13.441	119	100755	18.578	ug/l		96
80) 1,2,4-Trimethylbenzene	13.488	105	116495	18.677	ug/l		98
81) sec-Butylbenzene	13.623	105	132954	18.312	ug/l		98
82) p-Isopropyltoluene	13.735	119	103034	18.117	ug/l		100
83) 1,3-Dichlorobenzene	13.735	146	56575	18.405	ug/l		97
84) 1,4-Dichlorobenzene	13.817	146	52122	17.755	ug/l		99
85) n-Butylbenzene	14.065	91	70032	16.734	ug/l		99
86) Hexachloroethane	14.341	117	22235	18.561	ug/l		92
87) 1,2-Dichlorobenzene	14.112	146	54161	17.909	ug/l		95
88) 1,2-Dibromo-3-Chloropr...	14.723	75	8547	21.337	ug/l	#	85
89) 1,2,4-Trichlorobenzene	15.400	180	11973	14.304	ug/l		96
90) Hexachlorobutadiene	15.506	225	10009	16.241	ug/l		98
91) Naphthalene	15.653	128	38339	14.647	ug/l		98
92) 1,2,3-Trichlorobenzene	15.847	180	15209	15.492	ug/l		94

(#) = 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: VN078810.D
Acq: 08 Aug 2023 20:16

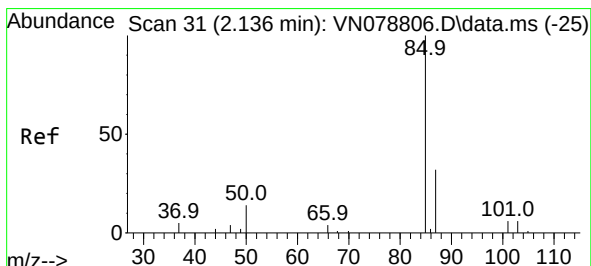
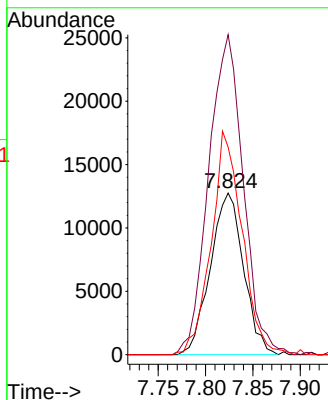
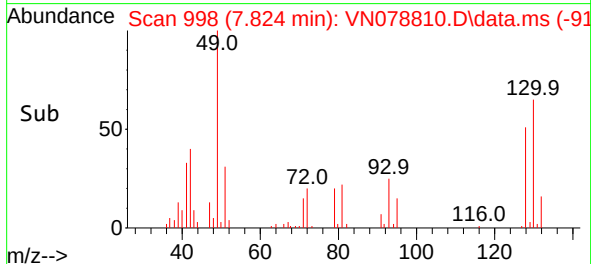
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823



Tgt Ion:128 Resp: 31128
Ion Ratio Lower Upper
128 100
49 205.9 0.0 370.8
130 129.1 0.0 307.0

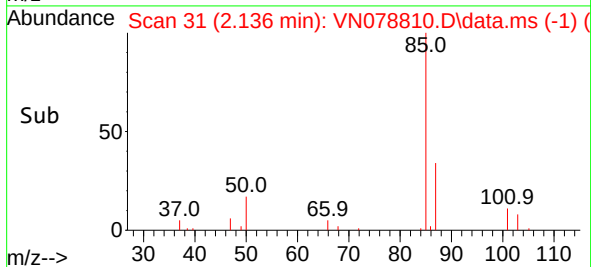
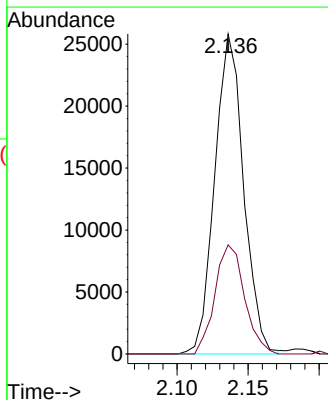
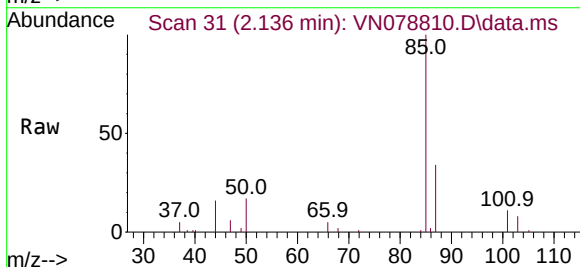
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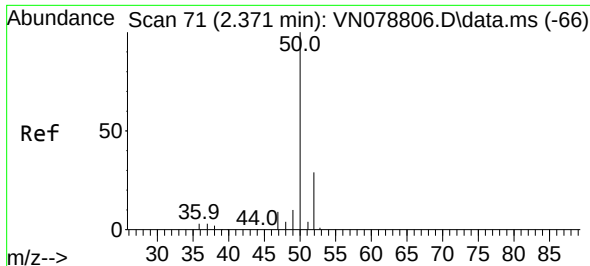
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#2
Dichlorodifluoromethane
Concen: 16.992 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Tgt Ion: 85 Resp: 36459
Ion Ratio Lower Upper
85 100
87 34.1 16.4 49.4





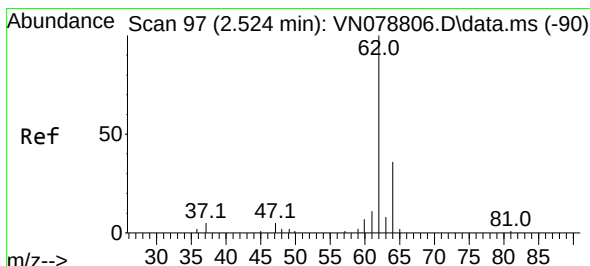
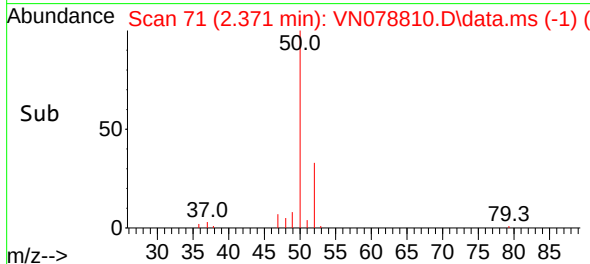
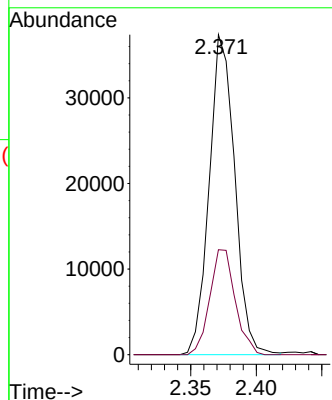
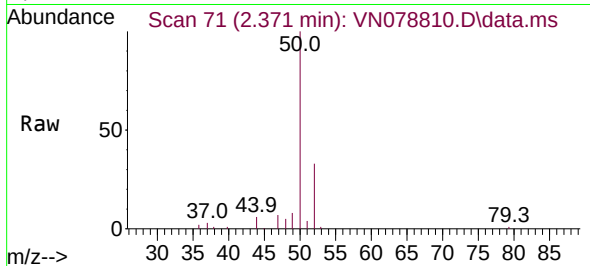
#3
Chloromethane
Concen: 19.808 ug/l
RT: 2.371 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823

Tgt Ion: 50 Resp: 5061
Ion Ratio Lower Upper
50 100
52 32.8 24.6 36.8

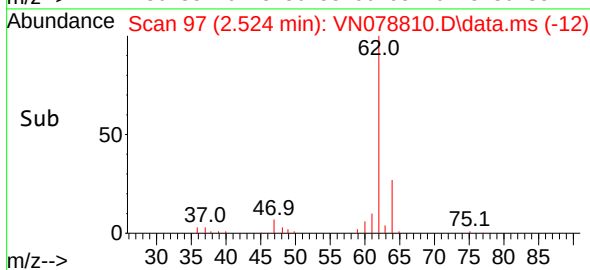
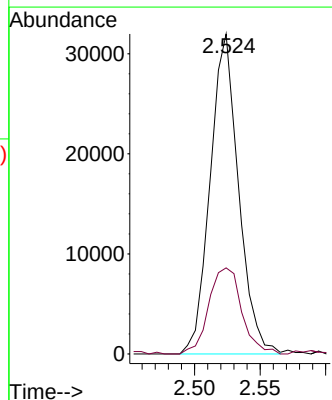
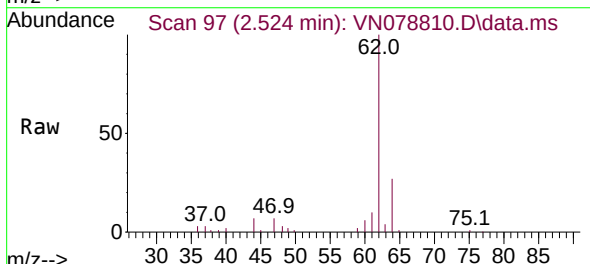
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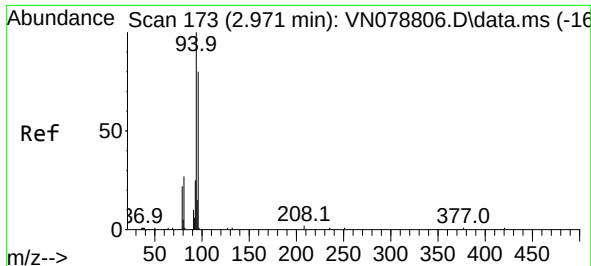
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#4
Vinyl Chloride
Concen: 19.823 ug/l
RT: 2.524 min Scan# 97
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

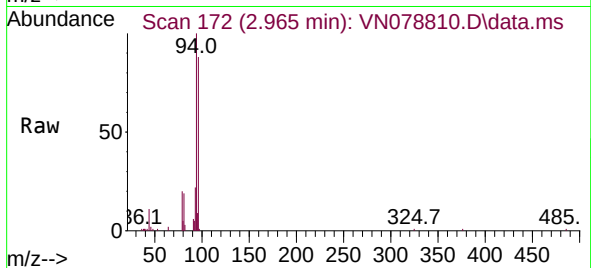
Tgt Ion: 62 Resp: 48195
Ion Ratio Lower Upper
62 100
64 26.9 23.3 34.9





#5
Bromomethane
Concen: 18.755 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

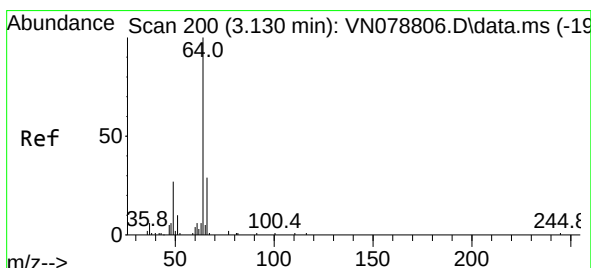
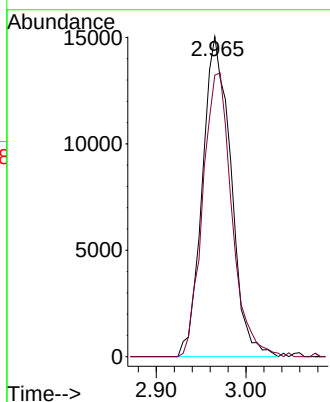
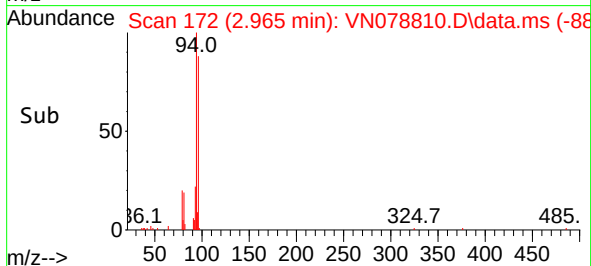
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 3317
Ion Ratio Lower Upper
94 100
96 88.0 73.9 110.9

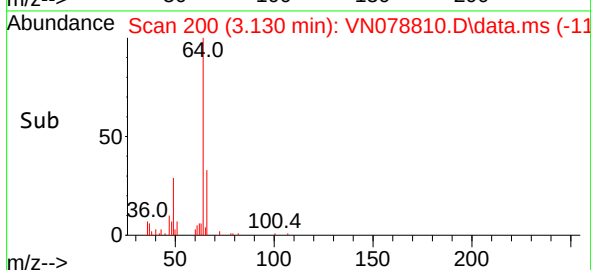
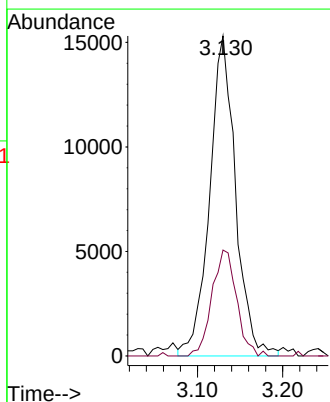
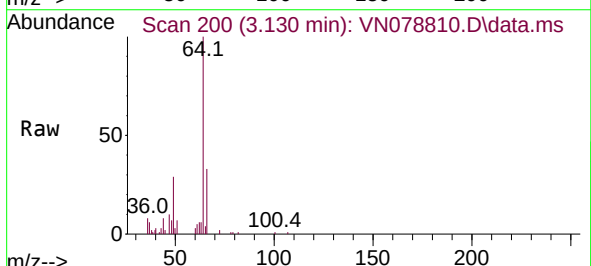
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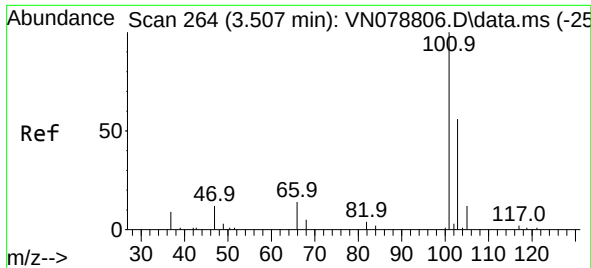
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#6
Chloroethane
Concen: 18.768 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Tgt Ion: 64 Resp: 32414
Ion Ratio Lower Upper
64 100
66 33.7 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 18.344 ug/l
 RT: 3.506 min Scan# 264
 Delta R.T. -0.000 min
 Lab File: VN078810.D
 Acq: 08 Aug 2023 20:16

Instrument :

MSVOA_N

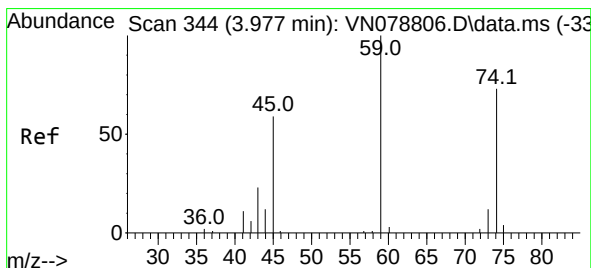
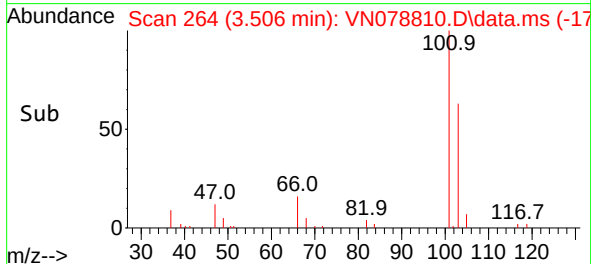
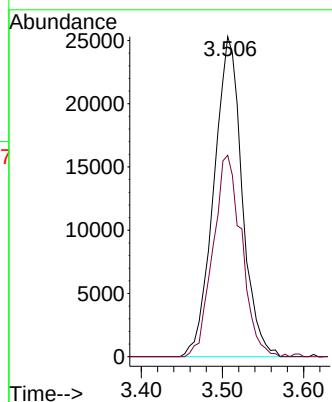
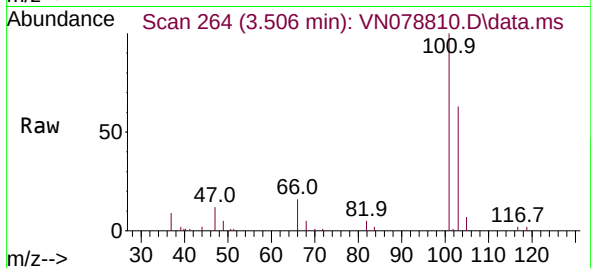
ClientSampleId :

ICVVN080823

Tgt Ion:101 Resp: 6121
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.4 75.6

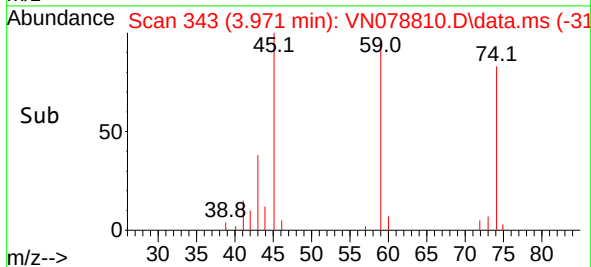
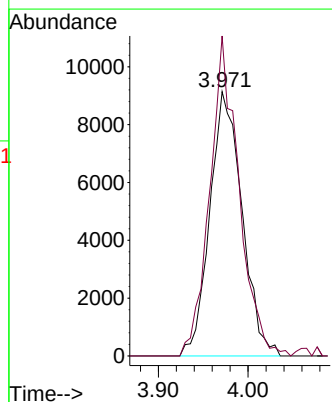
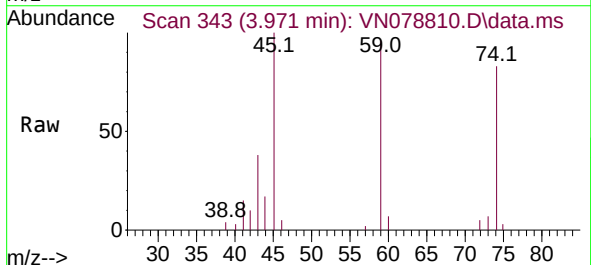
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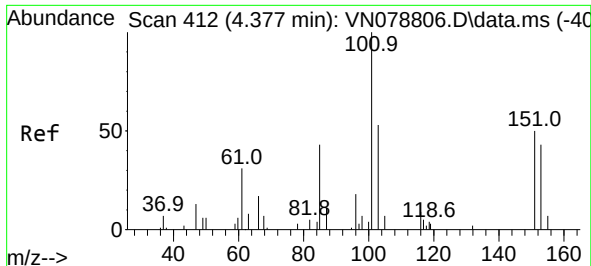
Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023



#8
 Diethyl Ether
 Concen: 19.184 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. -0.006 min
 Lab File: VN078810.D
 Acq: 08 Aug 2023 20:16

Tgt Ion: 74 Resp: 22764
 Ion Ratio Lower Upper
 74 100
 45 109.5 16.3 146.5





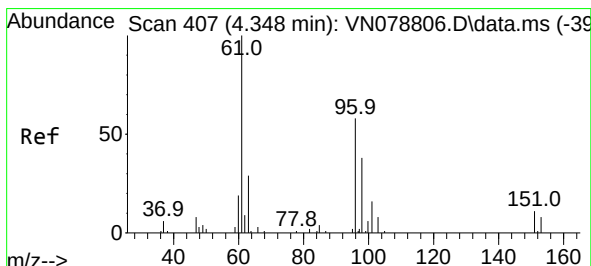
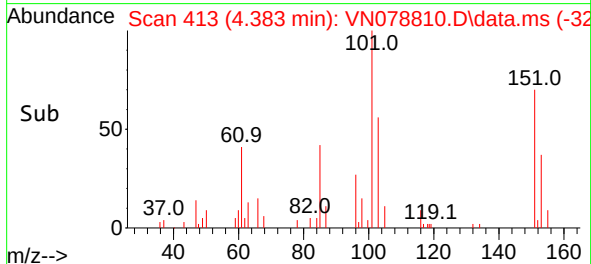
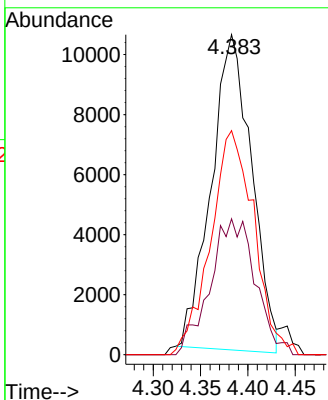
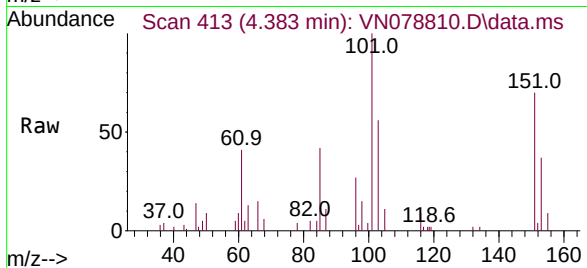
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.437 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Instrument :
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ClientSampleId :
ICVVN080823

Tgt Ion:101 Resp: 31214
Ion Ratio Lower Upper
101 100
85 18.8 0.0 89.2
151 76.1 0.0 148.8

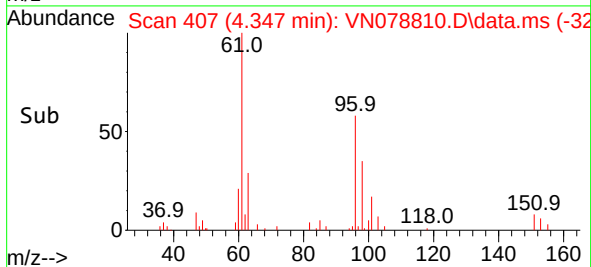
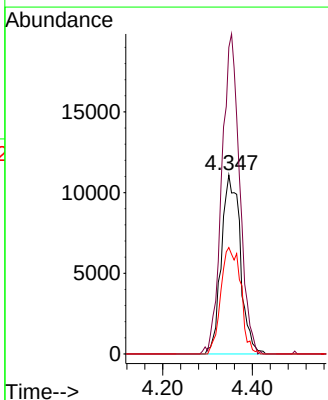
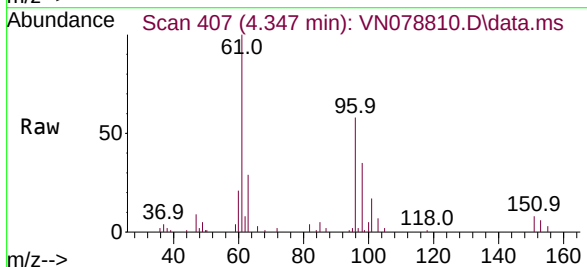
Manual Integrations
APPROVED

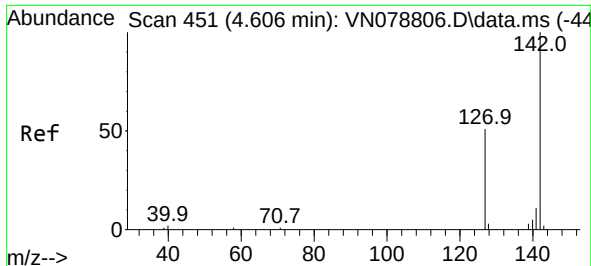
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#10
1,1-Dichloroethene
Concen: 18.749 ug/l m
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Tgt Ion: 96 Resp: 32503
Ion Ratio Lower Upper
96 100
61 171.4 123.4 185.2
98 59.5 53.7 80.5





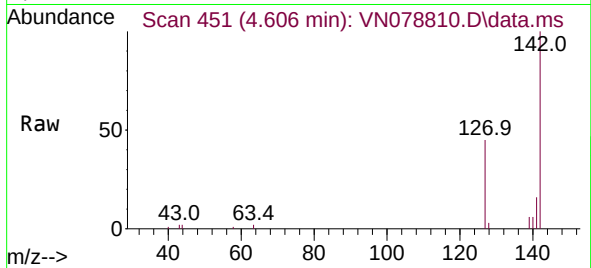
#11
Methyl Iodide
Concen: 18.568 ug/l
RT: 4.606 min Scan# 451
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080823



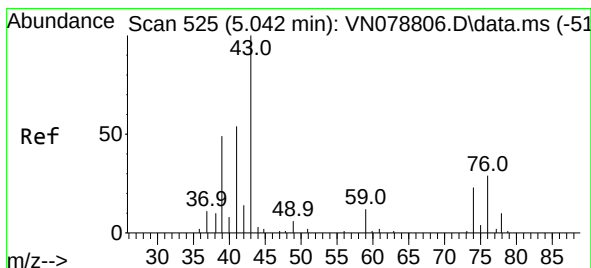
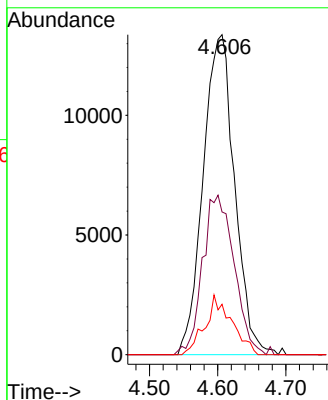
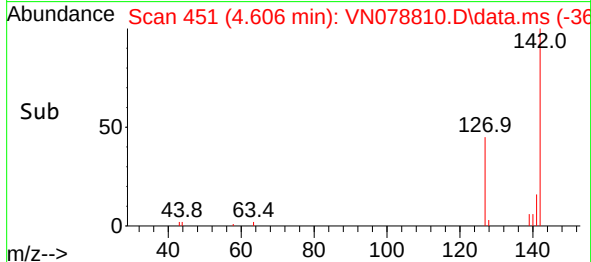
Tgt Ion:142 Resp: 42939
Ion Ratio Lower Upper
142 100
127 44.0 23.2 69.5
141 15.8 7.2 21.7

Manual Integrations

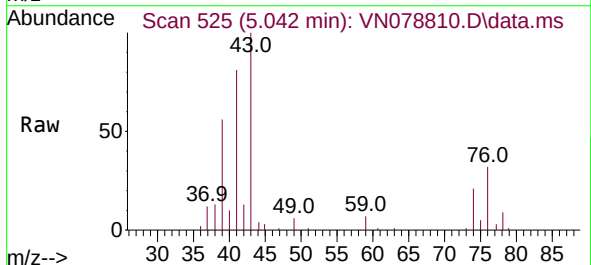
APPROVED

Reviewed By :John Carlone 08/09/2023

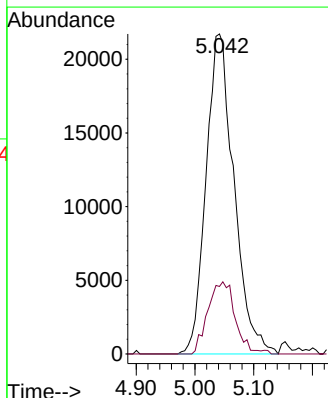
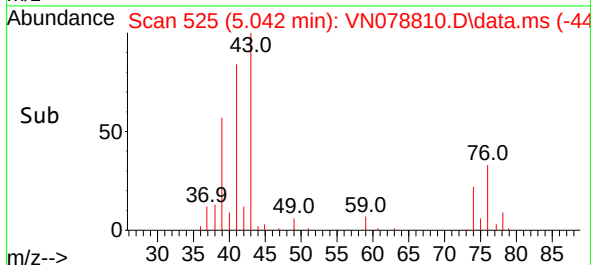
Supervised By :Semsettin Yesilyurt 08/09/2023

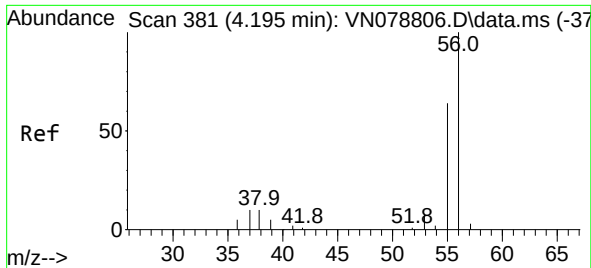


#12
Methyl Acetate
Concen: 19.019 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16



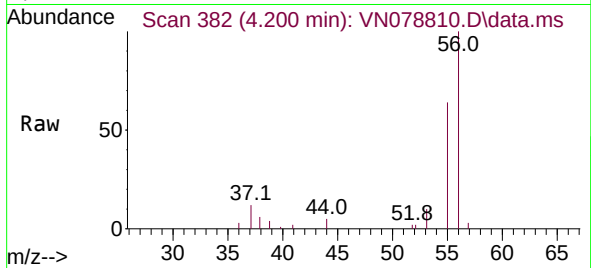
Tgt Ion: 43 Resp: 71664
Ion Ratio Lower Upper
43 100
74 21.1 20.5 30.7





#13
Acrolein
Concen: 100.821 ug/l m
RT: 4.200 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

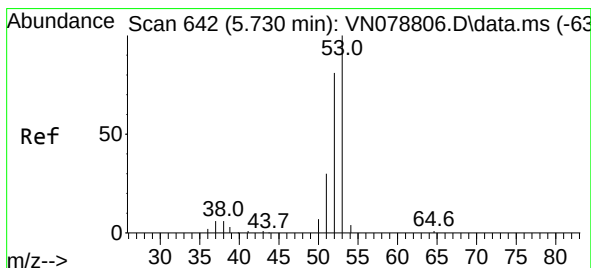
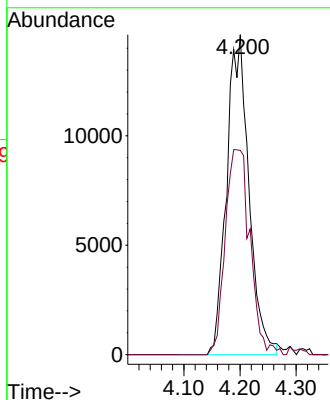
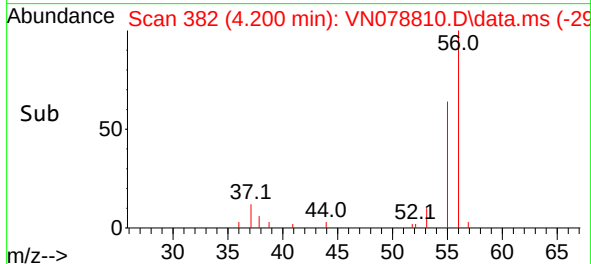
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823



Tgt Ion: 56 Resp: 40230
Ion Ratio Lower Upper
56 100
55 45.5 59.0 88.4

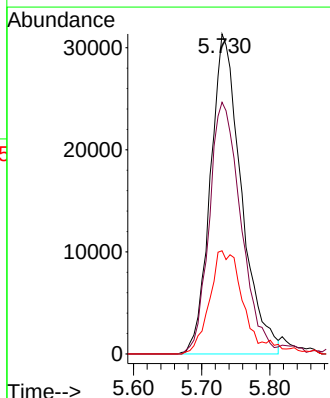
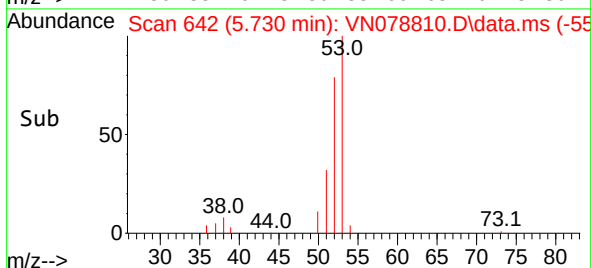
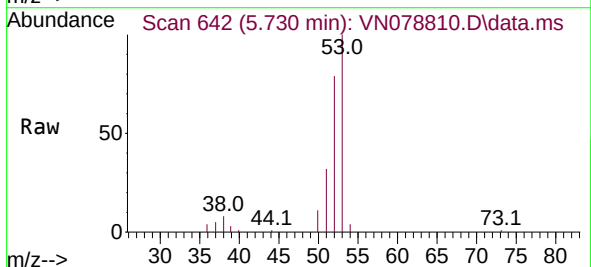
Manual Integrations
APPROVED

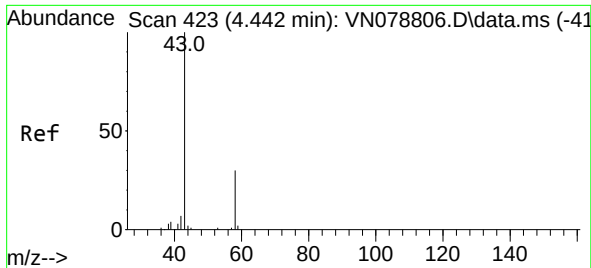
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#14
Acrylonitrile
Concen: 99.581 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Tgt Ion: 53 Resp: 98866
Ion Ratio Lower Upper
53 100
52 80.3 42.3 126.9
51 18.3 18.4 55.4





#15

Acetone

Concen: 96.685 ug/l

RT: 4.442 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN078810.D

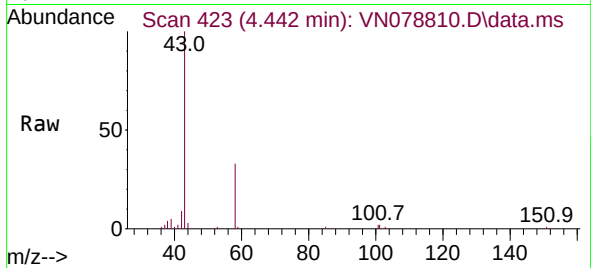
Acq: 08 Aug 2023 20:16

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080823



Tgt Ion: 58 Resp: 2473

Ion Ratio Lower Upper

58 100

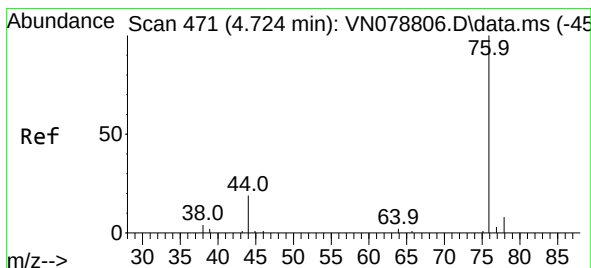
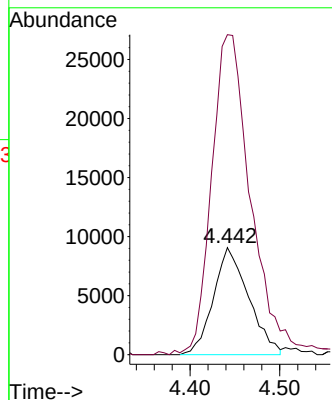
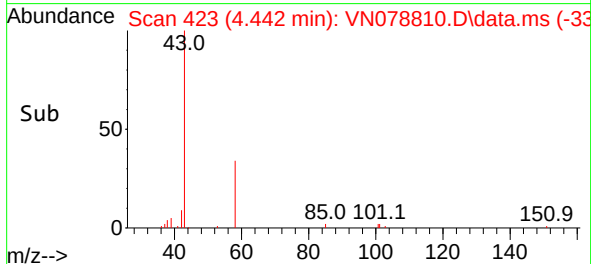
43 297.3 227.5 341.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#16

Carbon Disulfide

Concen: 18.001 ug/l

RT: 4.718 min Scan# 470

Delta R.T. -0.006 min

Lab File: VN078810.D

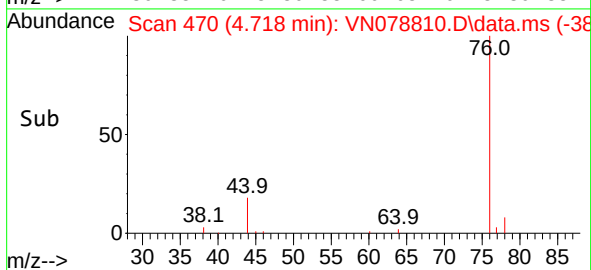
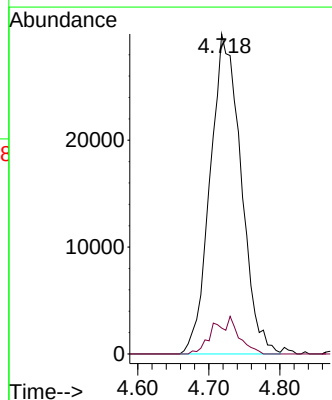
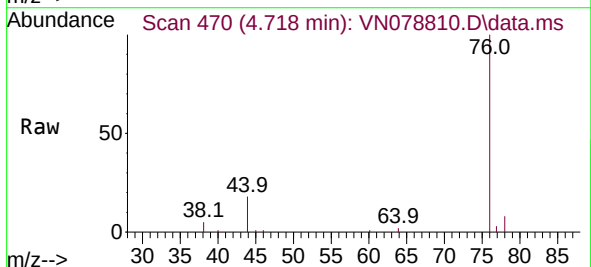
Acq: 08 Aug 2023 20:16

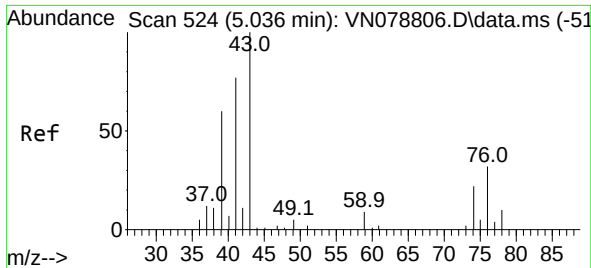
Tgt Ion: 76 Resp: 90332

Ion Ratio Lower Upper

76 100

78 8.1 7.7 11.5





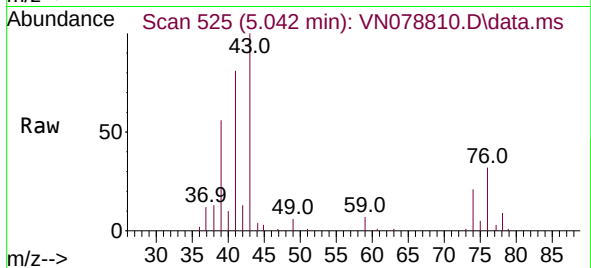
#17
 Allyl chloride
 Concen: 18.219 ug/l
 RT: 5.042 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN078810.D
 Acq: 08 Aug 2023 20:16

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080823

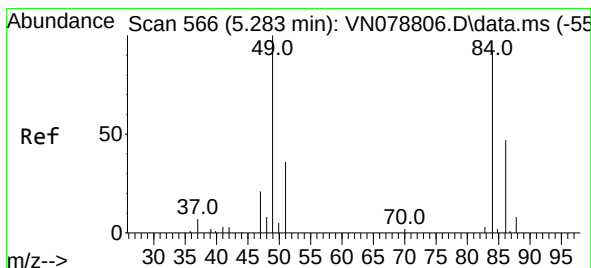
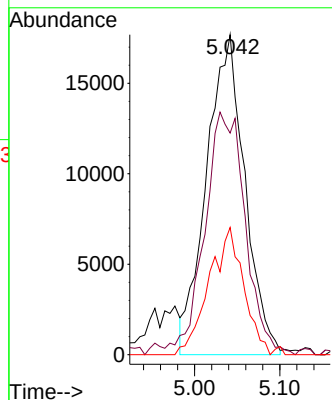
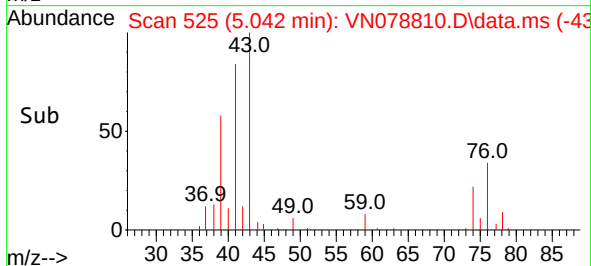


Tgt Ion: 41 Resp: 55208
 Ion Ratio Lower Upper
 41 100
 39 67.7 37.6 112.8
 76 37.9 23.8 71.4

Manual Integrations

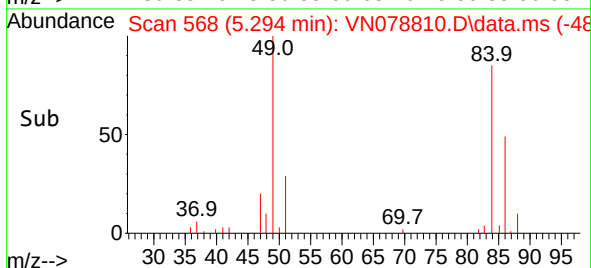
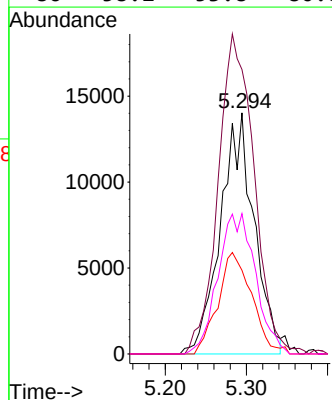
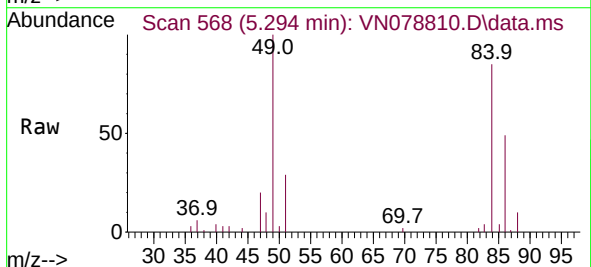
APPROVED

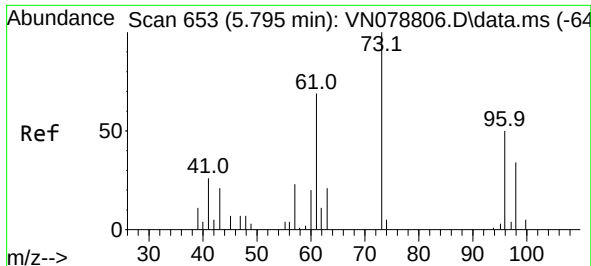
Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023



#18
 Methylene Chloride
 Concen: 18.570 ug/l
 RT: 5.294 min Scan# 568
 Delta R.T. 0.012 min
 Lab File: VN078810.D
 Acq: 08 Aug 2023 20:16

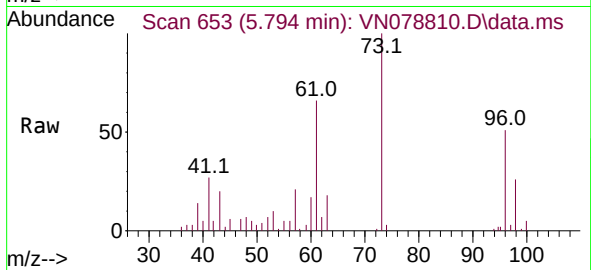
Tgt Ion: 84 Resp: 40173
 Ion Ratio Lower Upper
 84 100
 49 118.0 88.1 132.1
 51 34.7 24.0 36.0
 86 58.2 53.8 80.8





#19
trans-1,2-Dichloroethene
Concen: 19.435 ug/l
RT: 5.794 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

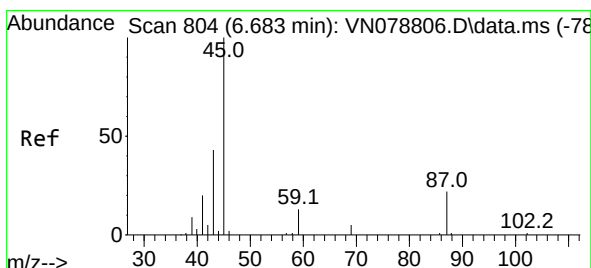
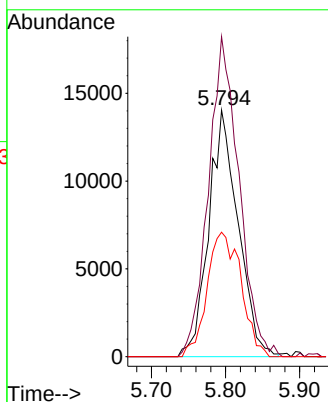
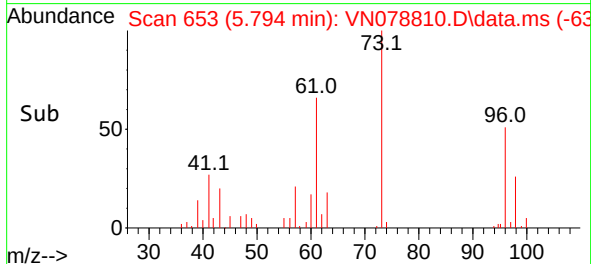
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823



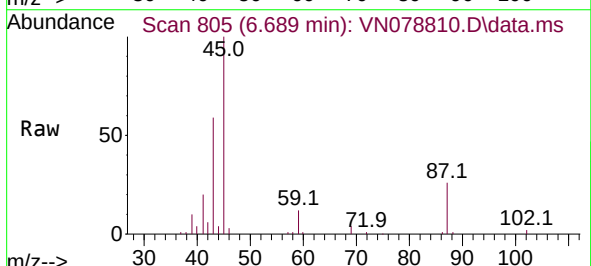
Tgt Ion: 96 Resp: 3868
Ion Ratio Lower Upper
96 100
61 129.8 105.2 157.8
98 50.5 50.5 75.7

Manual Integrations
APPROVED

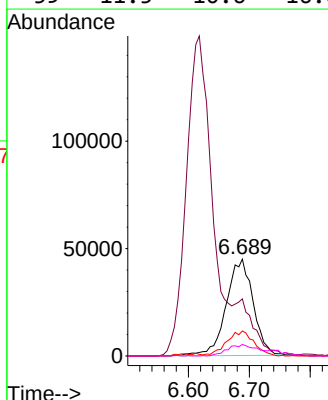
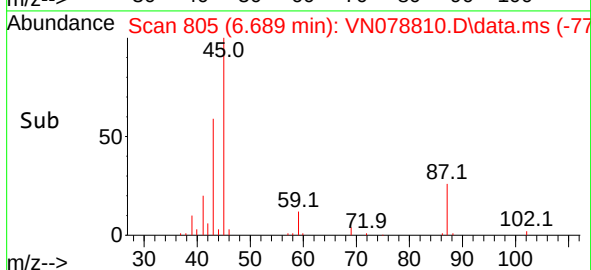
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

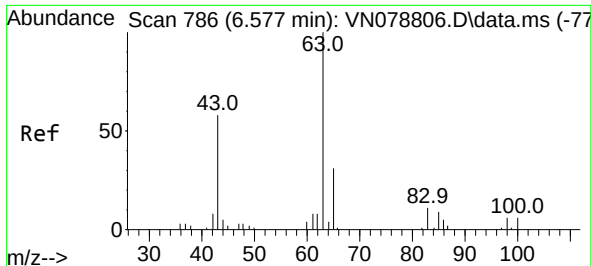


#20
Diisopropyl ether
Concen: 20.214 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16



Tgt Ion: 45 Resp: 137547
Ion Ratio Lower Upper
45 100
43 54.4 43.6 65.4
87 26.0 25.8 38.6
59 11.5 10.6 16.0





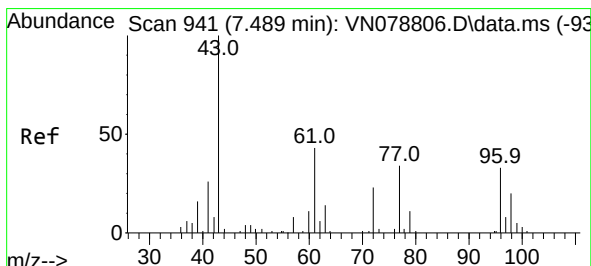
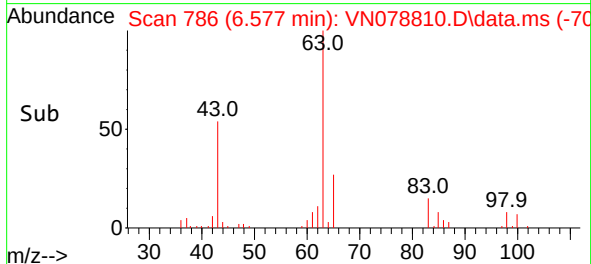
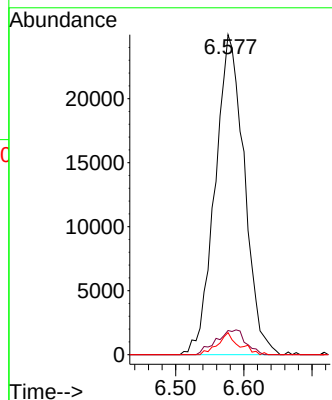
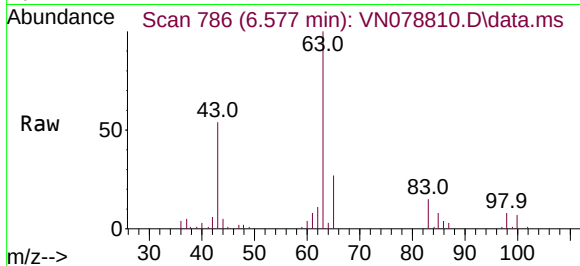
#21
1,1-Dichloroethane
Concen: 19.200 ug/l
RT: 6.577 min Scan# 786
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823

Tgt Ion: 63 Resp: 74489
Ion Ratio Lower Upper
63 100
98 7.6 2.7 8.1
100 6.9 2.5 7.4

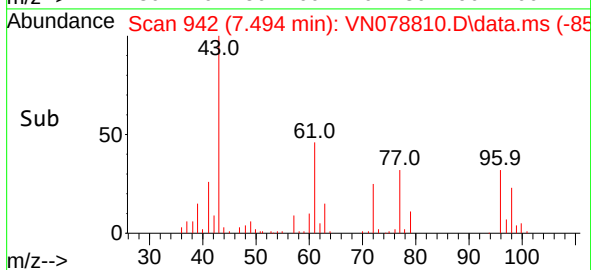
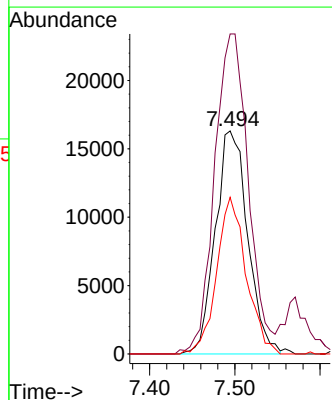
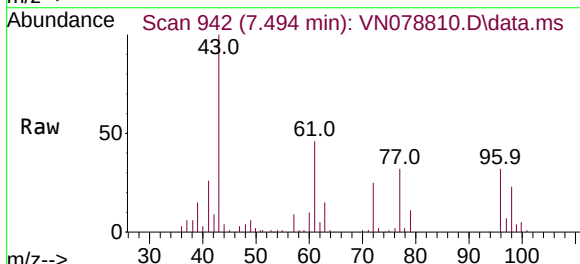
Manual Integrations
APPROVED

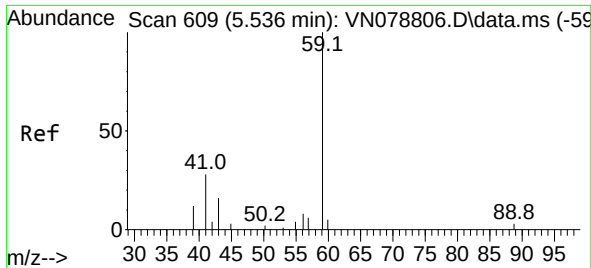
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#22
cis-1,2-Dichloroethene
Concen: 19.444 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Tgt Ion: 96 Resp: 42898
Ion Ratio Lower Upper
96 100
61 150.2 113.8 170.6
98 64.5 52.2 78.4





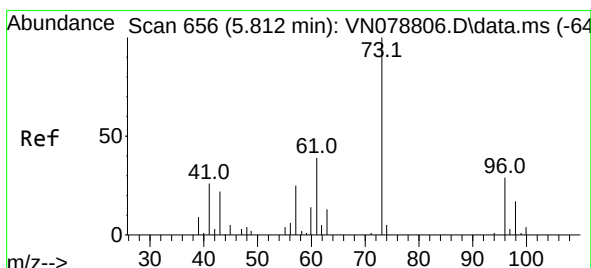
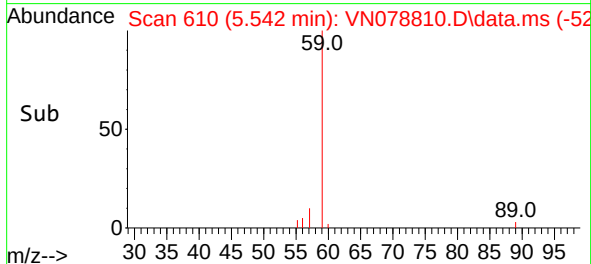
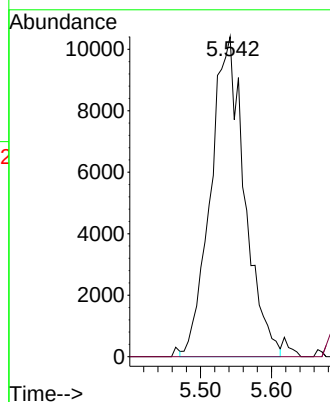
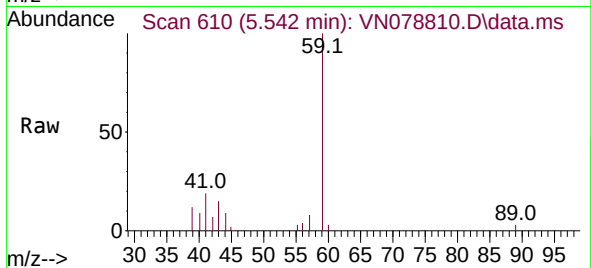
#23
tert-Butyl Alcohol
Concen: 93.691 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823

Tgt Ion: 59 Resp: 3456
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

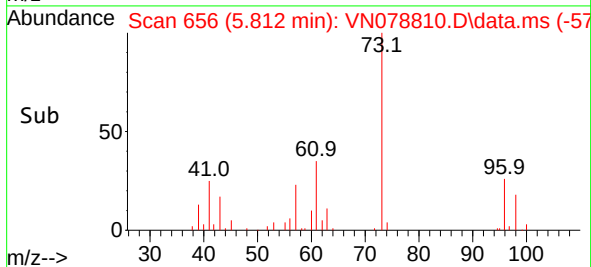
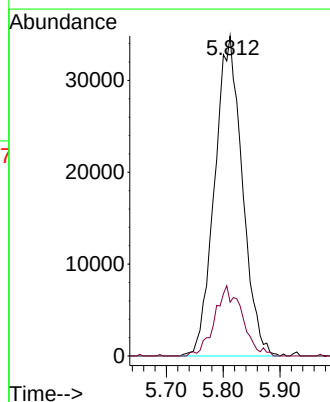
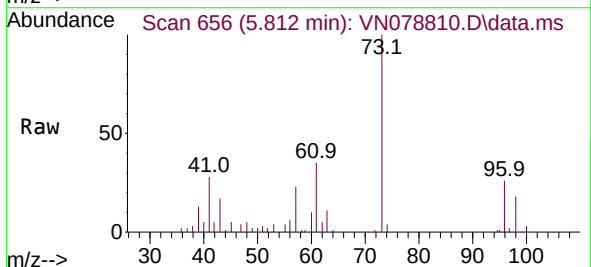
Manual Integrations
APPROVED

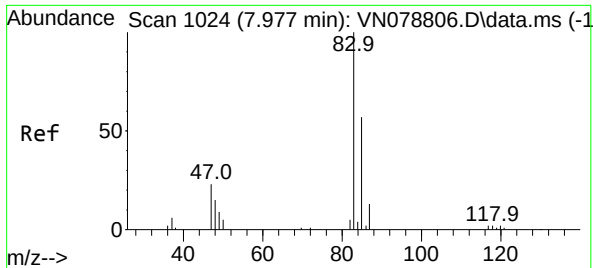
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#24
Methyl tert-Butyl Ether
Concen: 20.291 ug/l
RT: 5.812 min Scan# 656
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

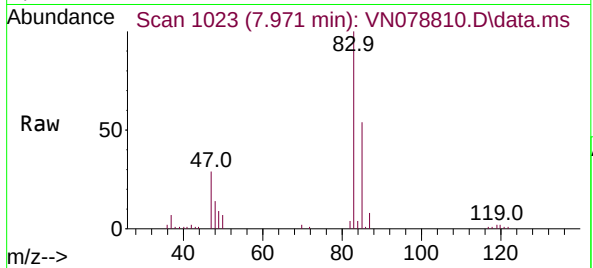
Tgt Ion: 73 Resp: 117732
Ion Ratio Lower Upper
73 100
43 6.8 14.5 21.7#





#25
Chloroform
Concen: 19.356 ug/l m
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

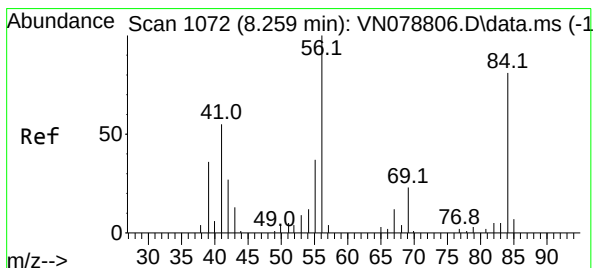
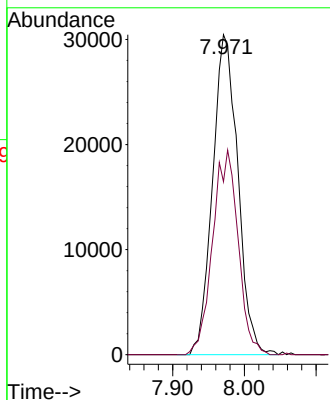
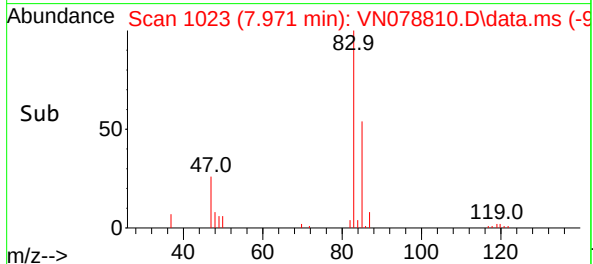
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823



Tgt Ion: 83 Resp: 74550
Ion Ratio Lower Upper
83 100
85 54.1 53.4 80.0

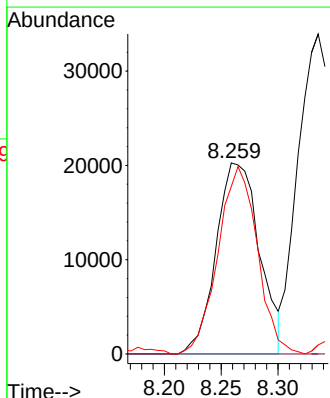
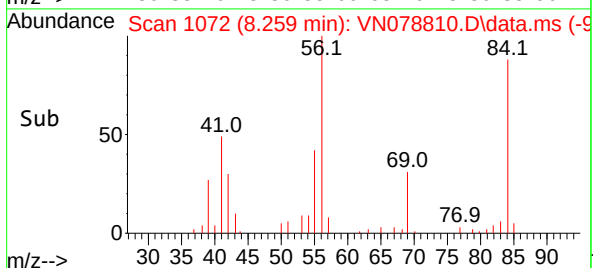
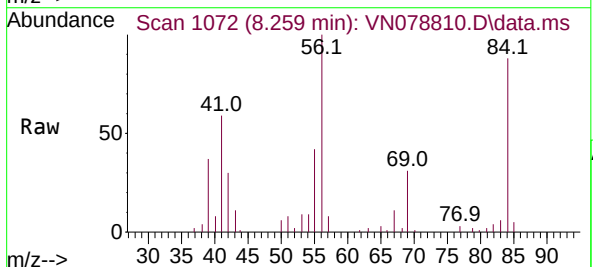
Manual Integrations
APPROVED

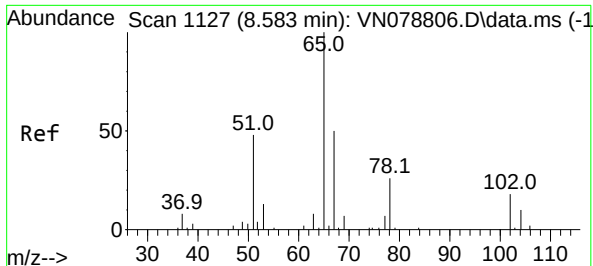
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#26
Cyclohexane
Concen: 17.595 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Tgt Ion: 56 Resp: 53764
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.0 74.2 111.4





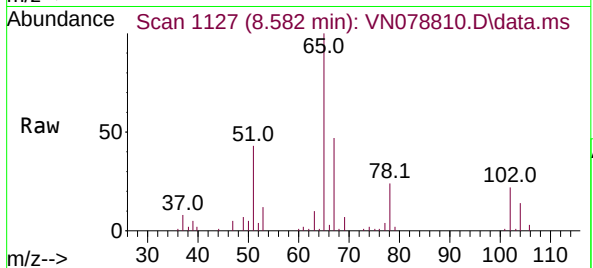
#27
1,2-Dichloroethane-d4
Concen: 30.170 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080823



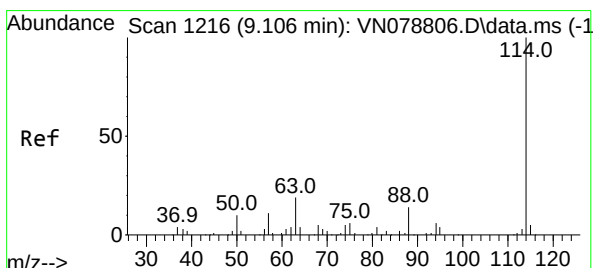
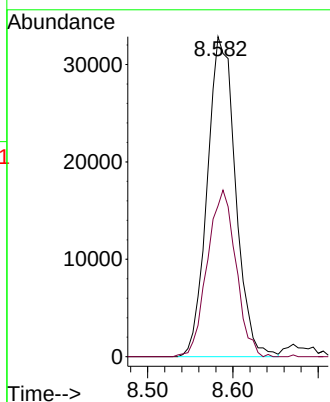
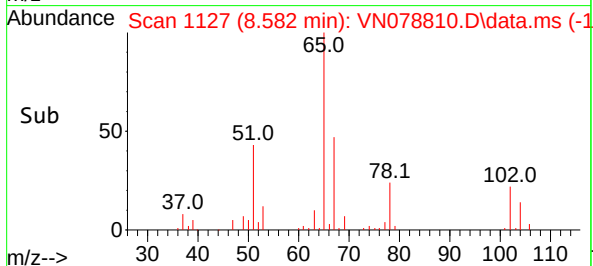
Tgt Ion: 65 Resp: 7560
Ion Ratio Lower Upper
65 100
67 52.6 42.9 64.3

Manual Integrations

APPROVED

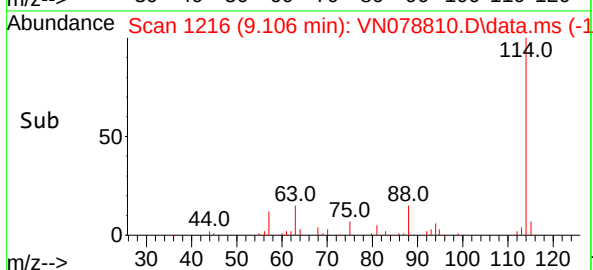
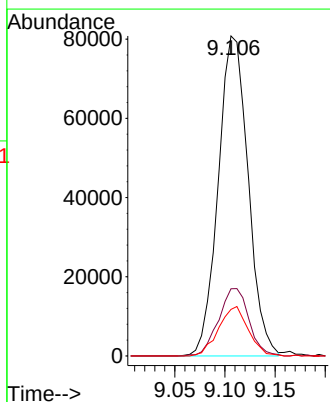
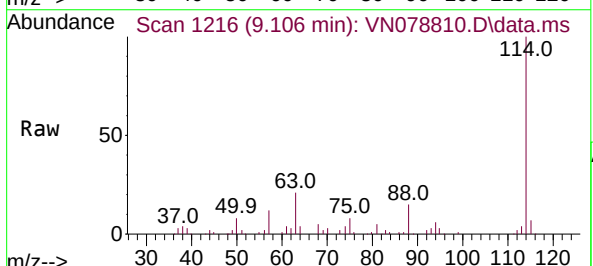
Reviewed By :John Carlone 08/09/2023

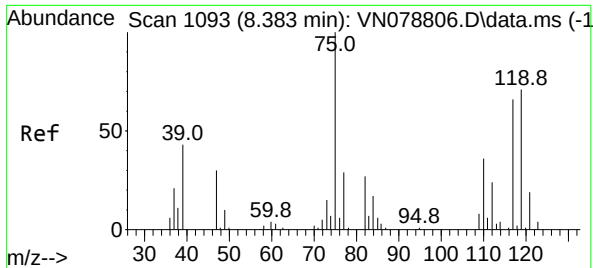
Supervised By :Semsettin Yesilyurt 08/09/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Tgt Ion:114 Resp: 167652
Ion Ratio Lower Upper
114 100
63 21.3 15.2 22.8
88 15.3 12.5 18.7





#29

1,1-Dichloropropene

Concen: 18.730 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VN078810.D

Acq: 08 Aug 2023 20:16

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080823

Tgt Ion: 75 Resp: 5101

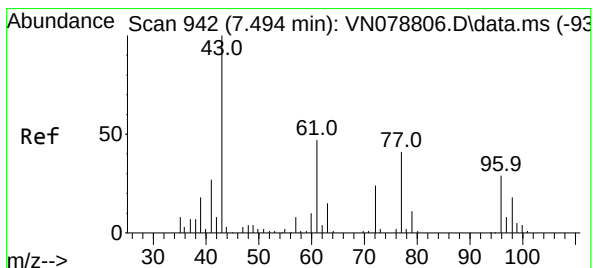
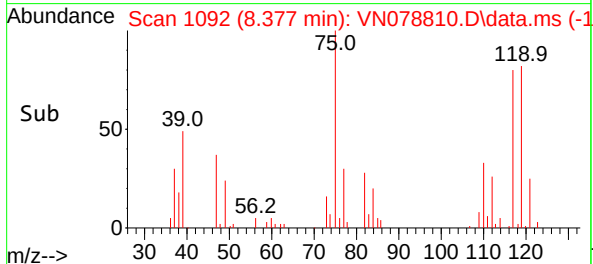
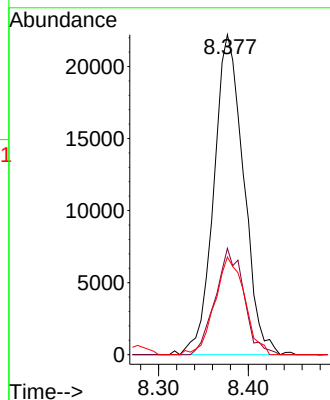
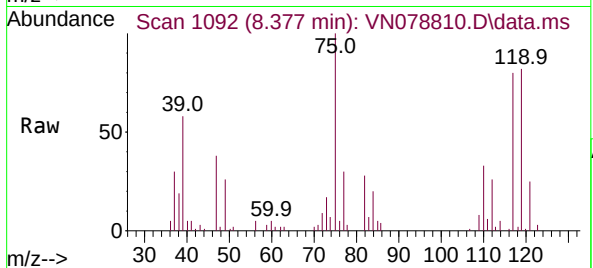
Ion	Ratio	Lower	Upper
75	100		
110	31.9	0.0	72.2
77	30.6	0.0	62.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#30

2-Butanone

Concen: 102.034 ug/l

RT: 7.500 min Scan# 943

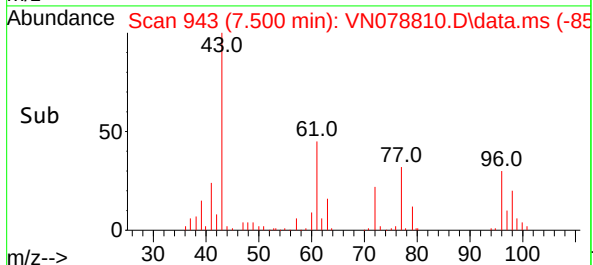
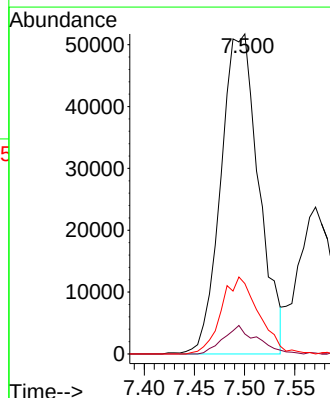
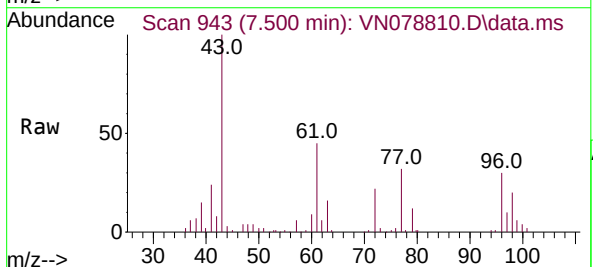
Delta R.T. 0.006 min

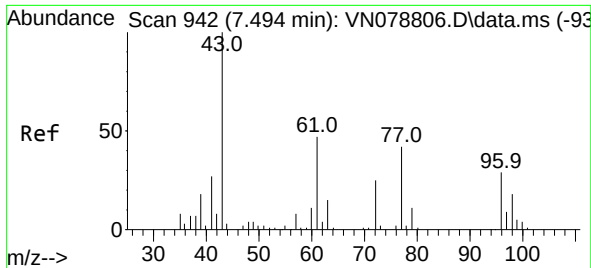
Lab File: VN078810.D

Acq: 08 Aug 2023 20:16

Tgt Ion: 43 Resp: 136216

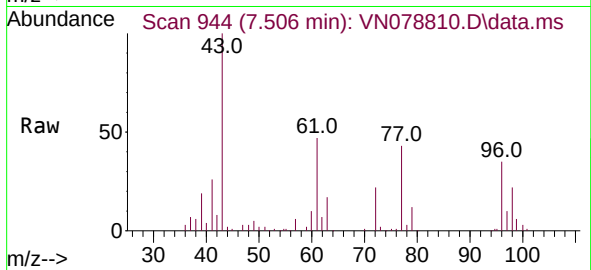
Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.8	10.2
72	23.4	23.8	35.6





#31
2,2-Dichloropropane
Concen: 17.464 ug/l
RT: 7.506 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

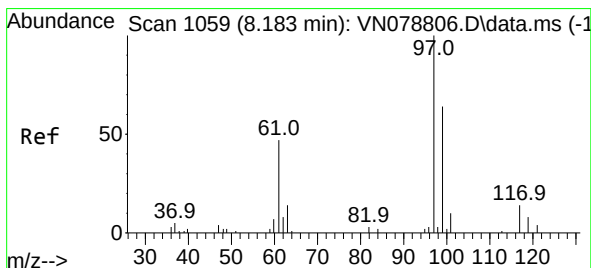
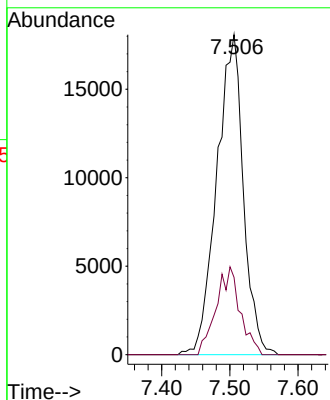
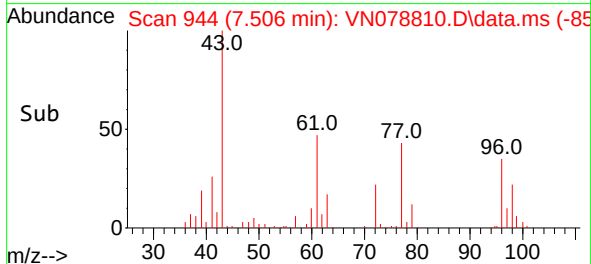
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823



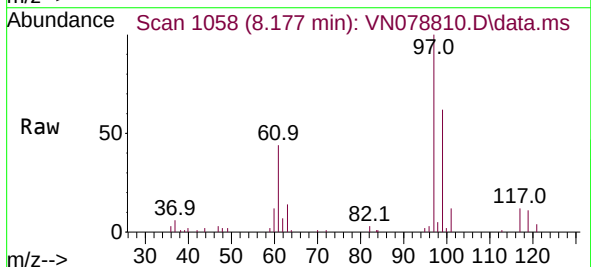
Tgt Ion: 77 Resp: 49050
Ion Ratio Lower Upper
77 100
97 24.7 18.8 28.2

Manual Integrations
APPROVED

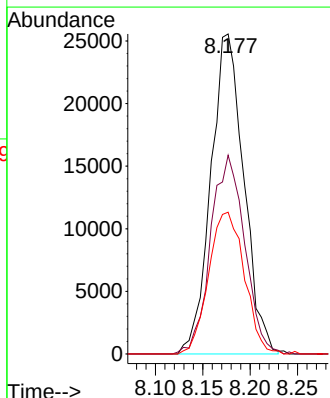
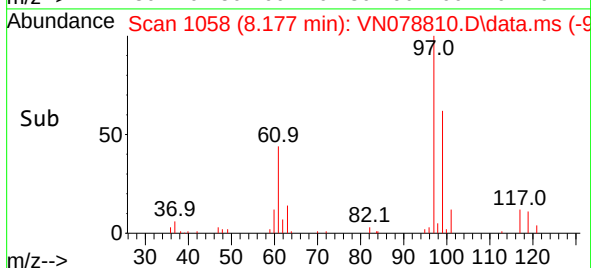
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

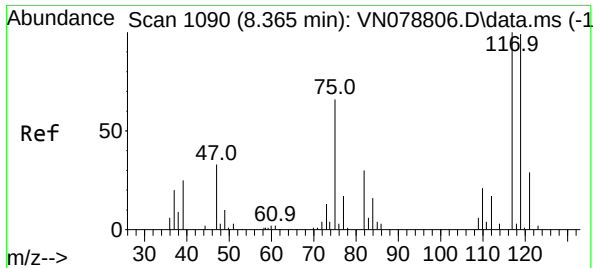


#32
1,1,1-Trichloroethane
Concen: 19.309 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16



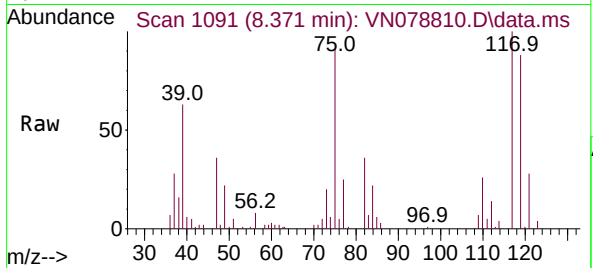
Tgt Ion: 97 Resp: 61935
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 47.9 34.6 52.0





#33
Carbon Tetrachloride
Concen: 18.993 ug/l
RT: 8.371 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

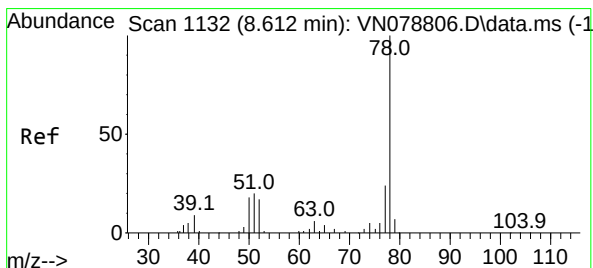
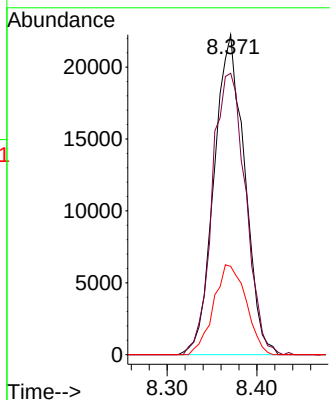
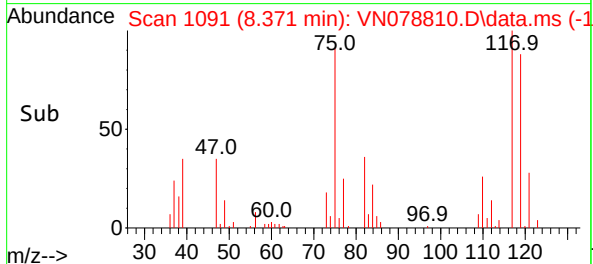
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823



Tgt Ion:117 Resp: 52580
Ion Ratio Lower Upper
117 100
119 88.0 81.4 122.0
121 27.6 23.6 35.4

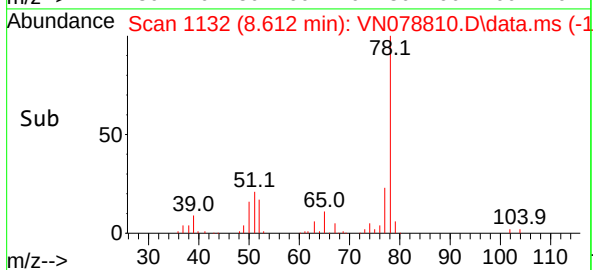
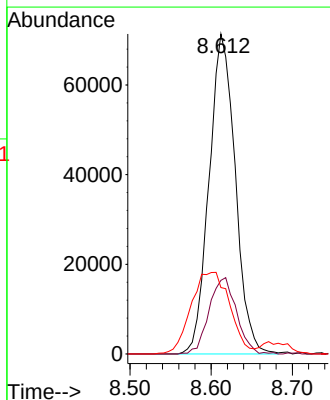
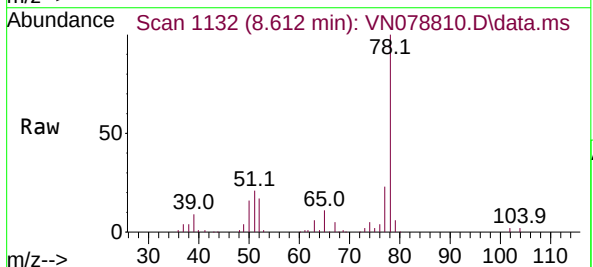
Manual Integrations
APPROVED

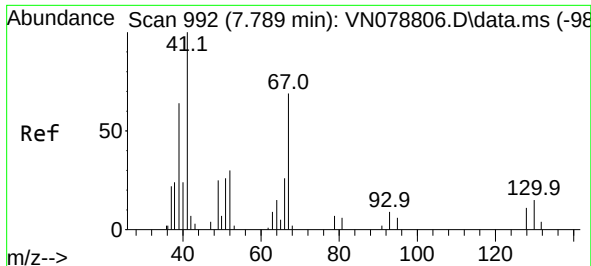
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#34
Benzene
Concen: 19.316 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

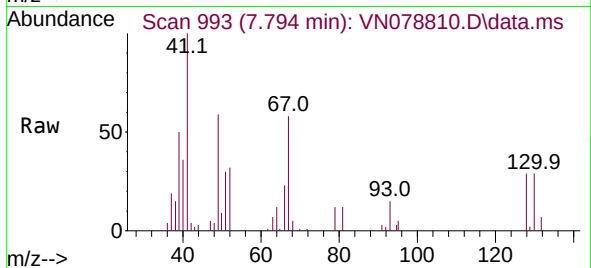
Tgt Ion: 78 Resp: 160086
Ion Ratio Lower Upper
78 100
77 23.0 18.3 27.5
51 17.4 13.7 20.5





#35
Methacrylonitrile
Concen: 18.837 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

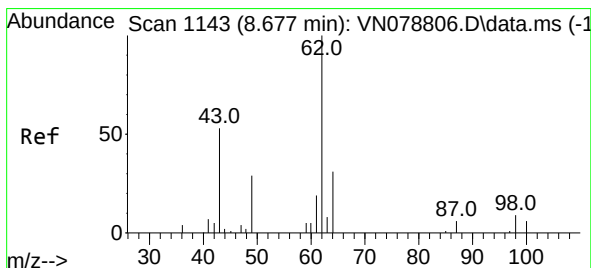
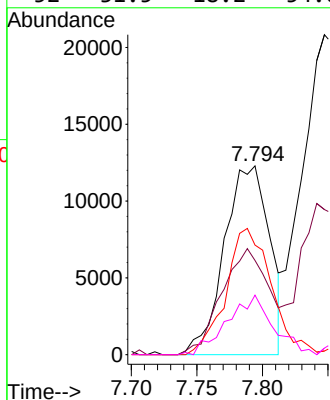
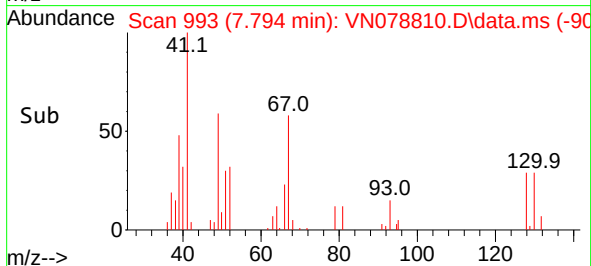
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823



Tgt Ion: 41 Resp: 29529
Ion Ratio Lower Upper
41 100
39 49.9 33.9 101.6
67 58.1 45.9 137.6
52 31.5 18.2 54.6

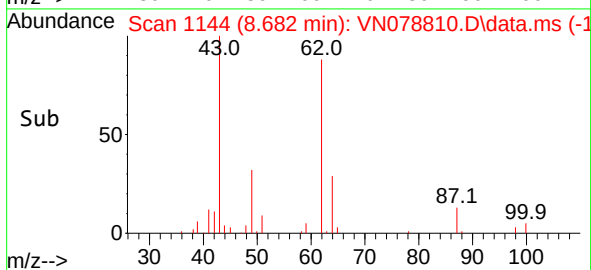
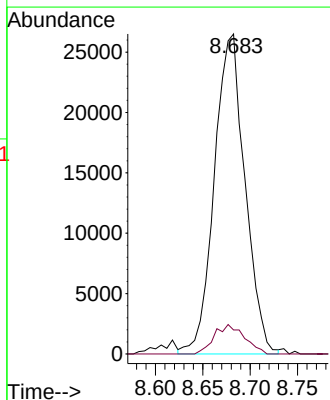
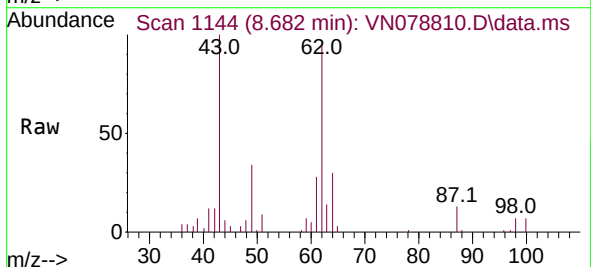
Manual Integrations
APPROVED

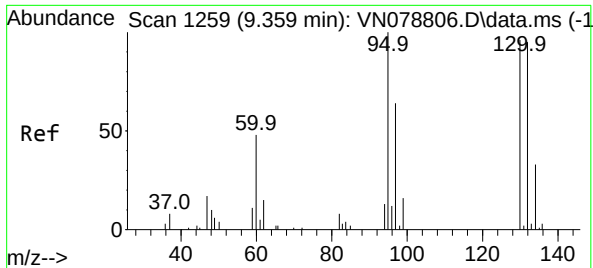
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#36
1,2-Dichloroethane
Concen: 20.616 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

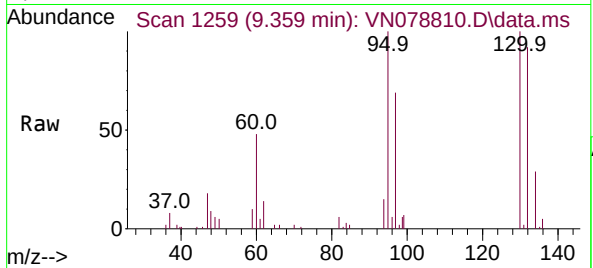
Tgt Ion: 62 Resp: 59727
Ion Ratio Lower Upper
62 100
98 9.0 7.4 11.0





#37
Trichloroethene
Concen: 19.981 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

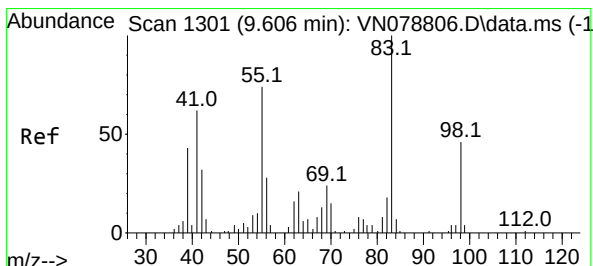
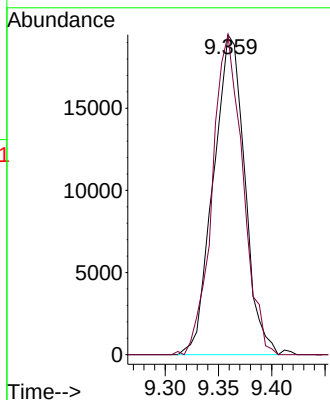
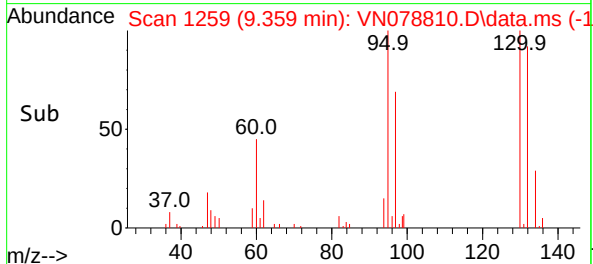
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823



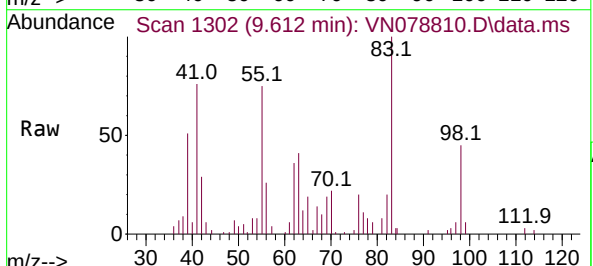
Tgt Ion:130 Resp: 3984
Ion Ratio Lower Upper
130 100
95 100.0 78.2 117.4

Manual Integrations
APPROVED

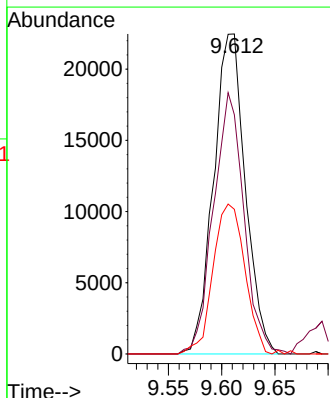
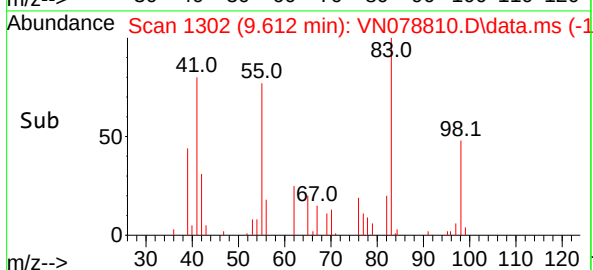
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

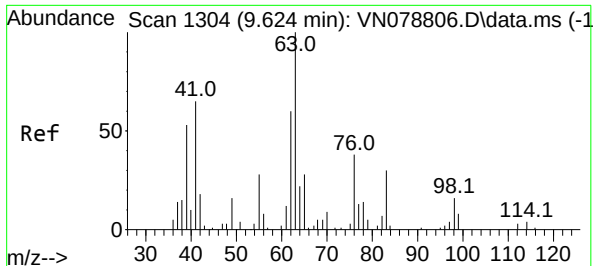


#38
Methylcyclohexane
Concen: 18.125 ug/l
RT: 9.612 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16



Tgt Ion: 83 Resp: 46740
Ion Ratio Lower Upper
83 100
55 77.9 34.0 102.0
98 46.8 23.0 69.0





#39

1,2-Dichloropropane

Concen: 19.953 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078810.D

Acq: 08 Aug 2023 20:16

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080823

Tgt Ion: 63 Resp: 43750

Ion Ratio Lower Upper

63 100

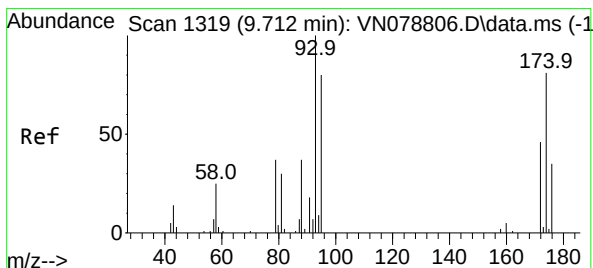
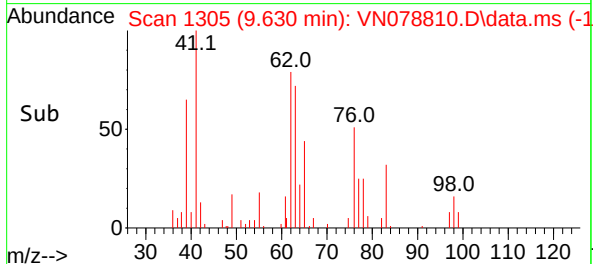
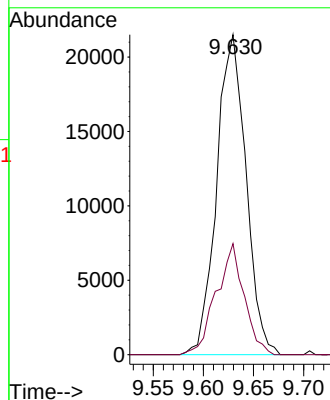
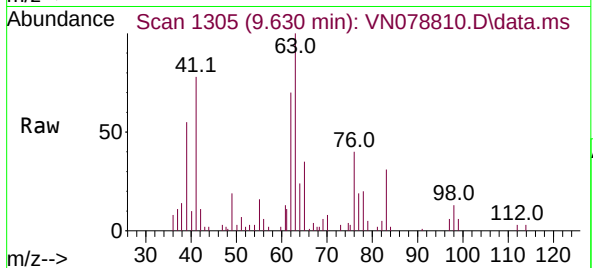
65 34.7 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#40

Dibromomethane

Concen: 19.317 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078810.D

Acq: 08 Aug 2023 20:16

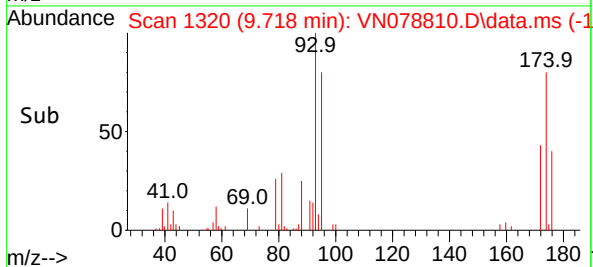
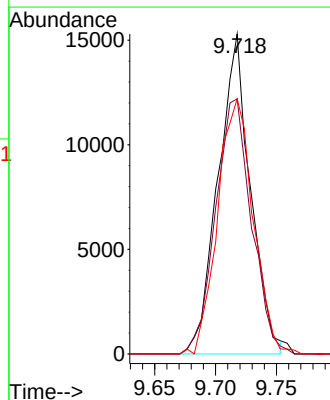
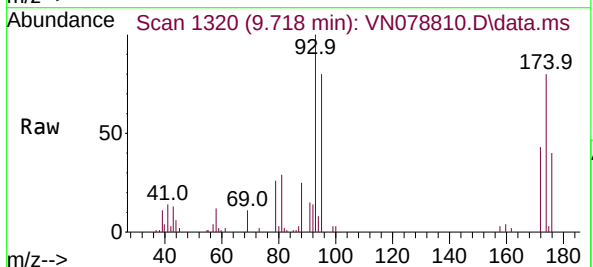
Tgt Ion: 93 Resp: 28205

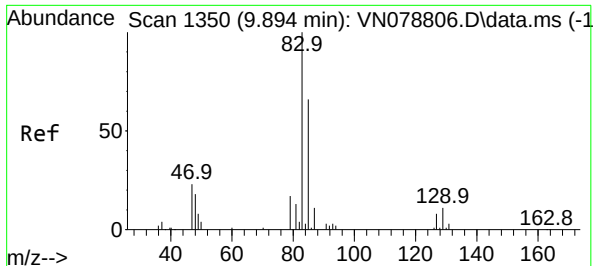
Ion Ratio Lower Upper

93 100

95 88.6 0.0 167.8

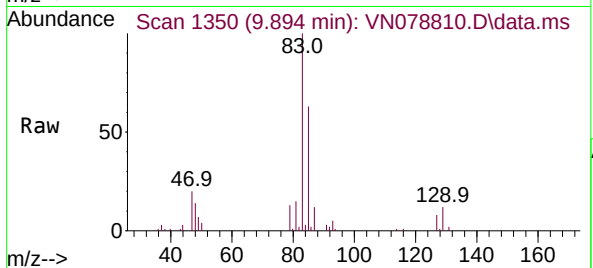
174 87.4 0.0 180.8





#41
Bromodichloromethane
Concen: 19.497 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

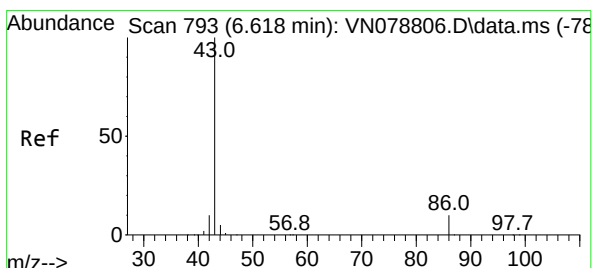
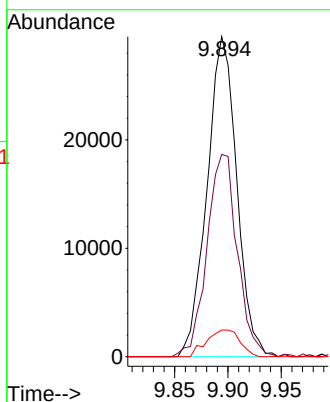
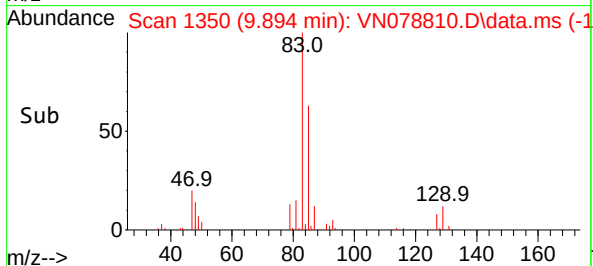
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823



Tgt Ion: 83 Resp: 5736
Ion Ratio Lower Upper
83 100
85 63.2 54.1 81.1
127 8.4 7.8 11.6

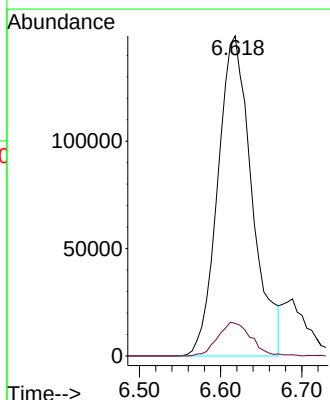
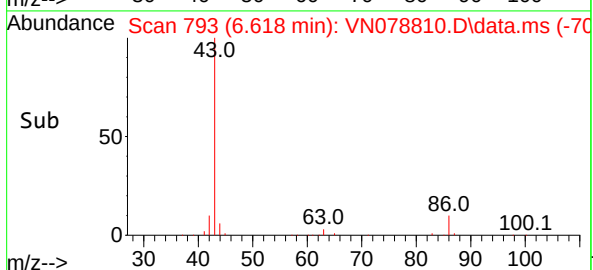
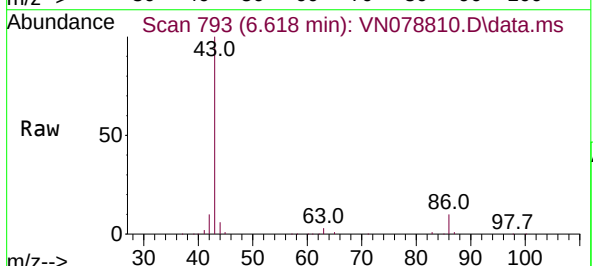
Manual Integrations
APPROVED

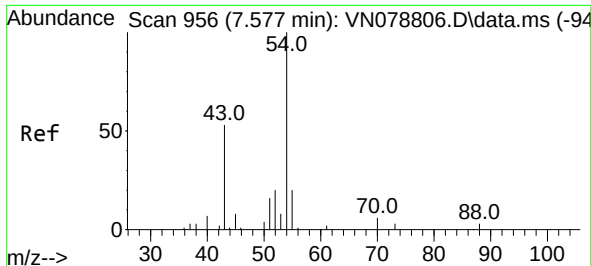
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#42
Vinyl Acetate
Concen: 103.931 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Tgt Ion: 43 Resp: 436616
Ion Ratio Lower Upper
43 100
86 10.2 9.4 14.0





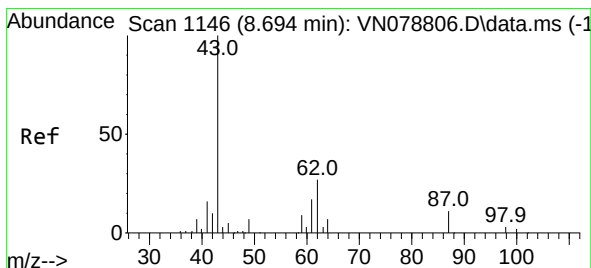
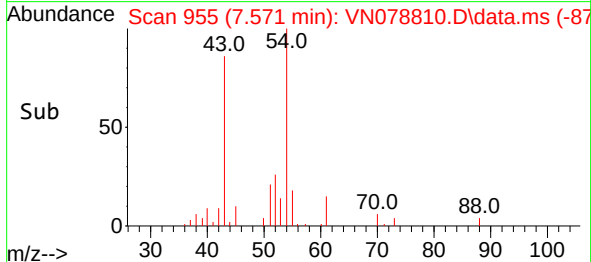
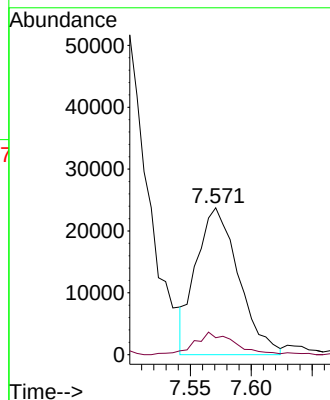
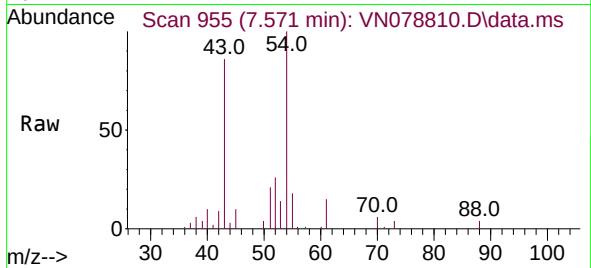
#43
Ethyl Acetate
Concen: 20.739 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823

Tgt Ion: 43 Resp: 57470
Ion Ratio Lower Upper
43 100
45 8.0 10.9 16.3

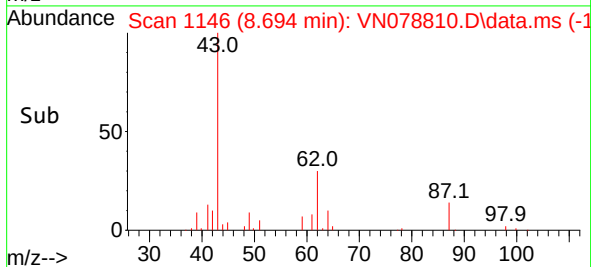
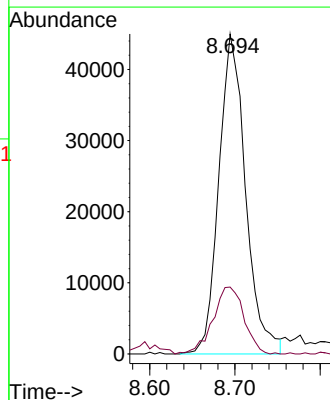
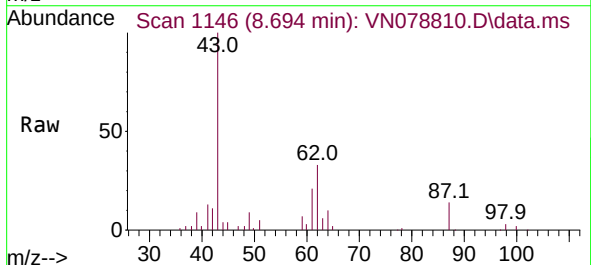
Manual Integrations
APPROVED

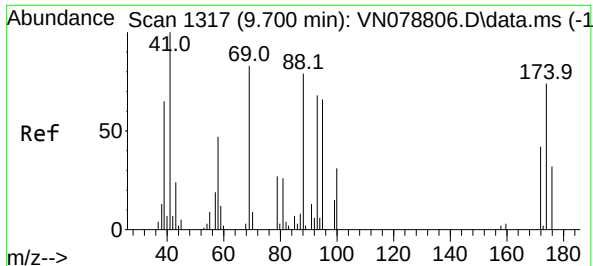
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#44
Isopropyl Acetate
Concen: 19.762 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Tgt Ion: 43 Resp: 98346
Ion Ratio Lower Upper
43 100
61 24.1 23.0 34.6





#45

1,4-Dioxane

Concen: 401.053 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN078810.D

Acq: 08 Aug 2023 20:16

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080823

Tgt Ion: 88 Resp: 13390

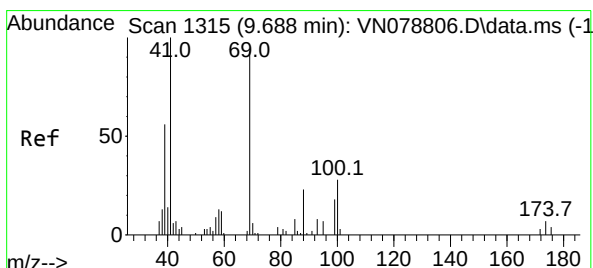
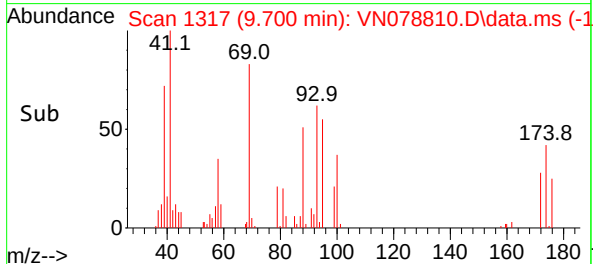
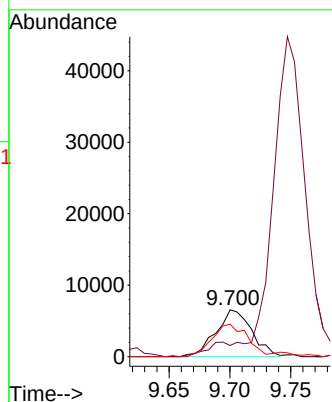
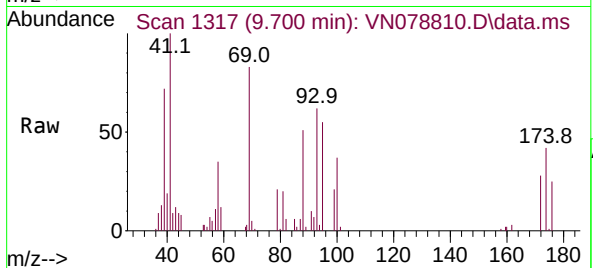
Ion	Ratio	Lower	Upper
88	100		
43	21.1	19.0	28.6
58	67.7	48.2	72.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#46

Methyl methacrylate

Concen: 20.667 ug/l

RT: 9.688 min Scan# 1315

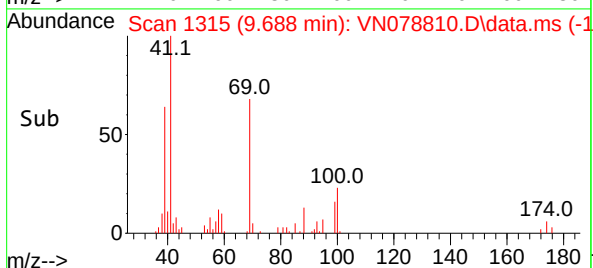
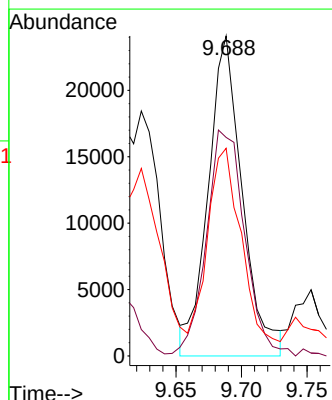
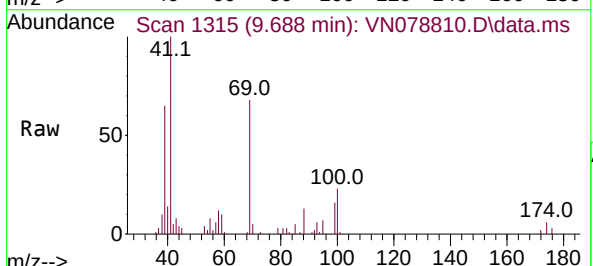
Delta R.T. -0.000 min

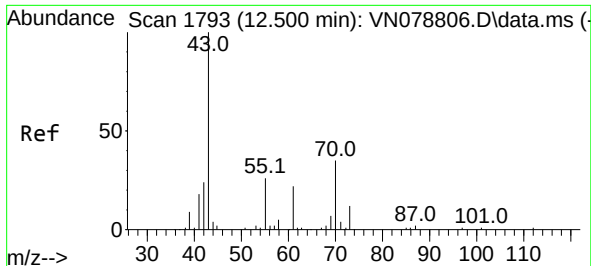
Lab File: VN078810.D

Acq: 08 Aug 2023 20:16

Tgt Ion: 41 Resp: 43551

Ion	Ratio	Lower	Upper
41	100		
69	71.8	49.0	147.0
39	65.6	31.6	94.8





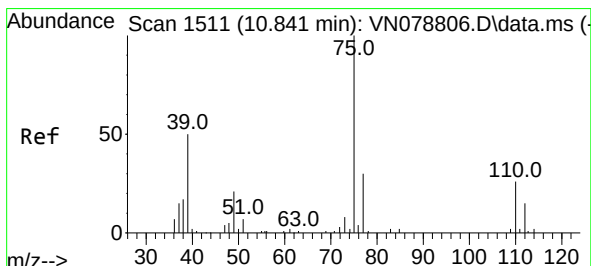
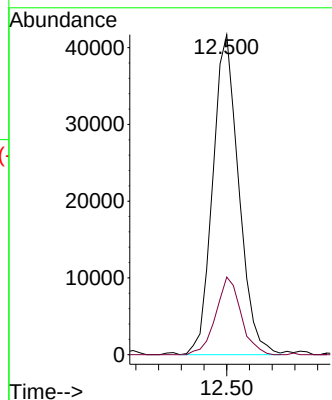
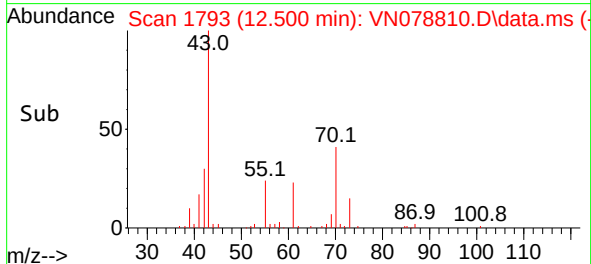
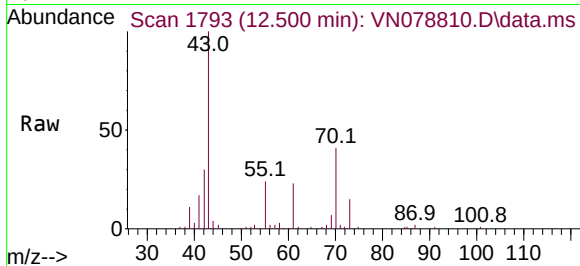
#47
n-amy1 Acetate
Concen: 19.078 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823

Tgt Ion: 43 Resp: 6637
Ion Ratio Lower Upper
43 100
55 23.4 21.5 32.3

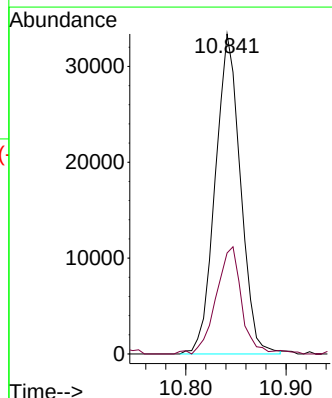
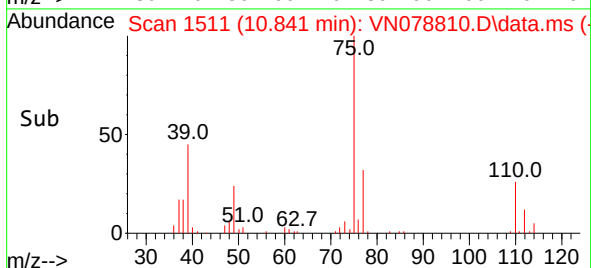
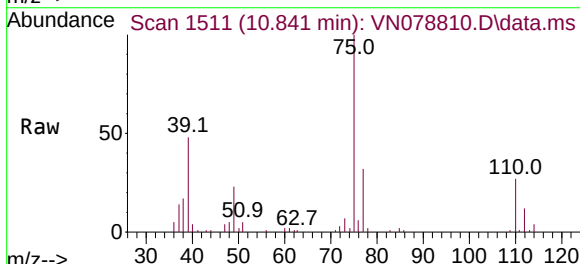
Manual Integrations
APPROVED

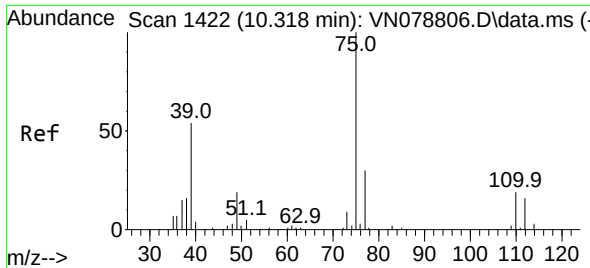
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#48
t-1,3-Dichloropropene
Concen: 19.638 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

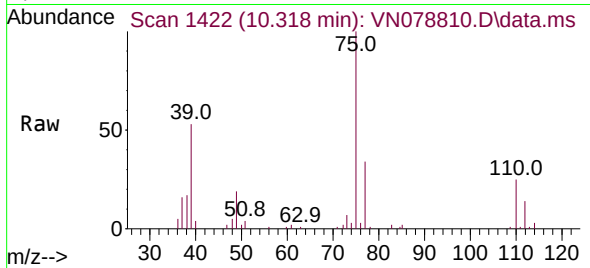
Tgt Ion: 75 Resp: 58341
Ion Ratio Lower Upper
75 100
77 30.7 26.1 39.1





#49
cis-1,3-Dichloropropene
Concen: 19.390 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

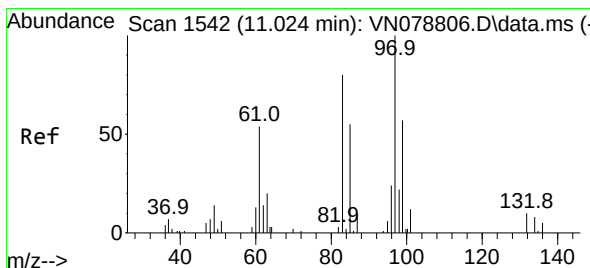
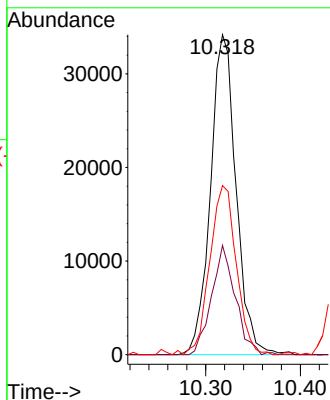
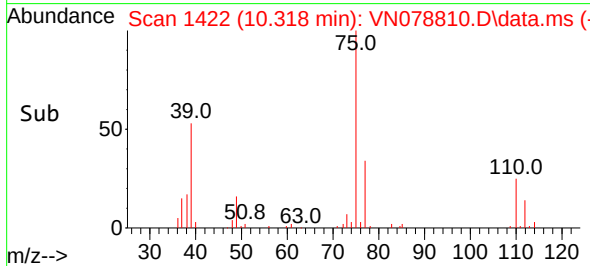
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823



Tgt Ion: 75 Resp: 64059
Ion Ratio Lower Upper
75 100
77 34.2 24.0 36.0
39 52.8 35.1 52.7

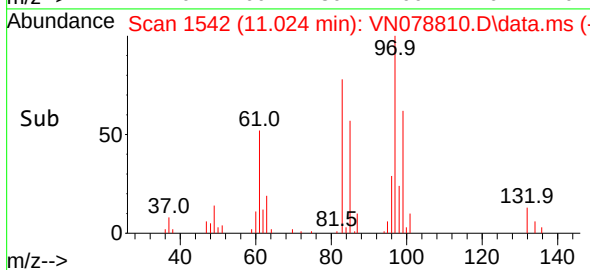
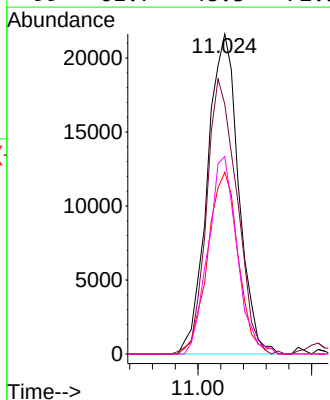
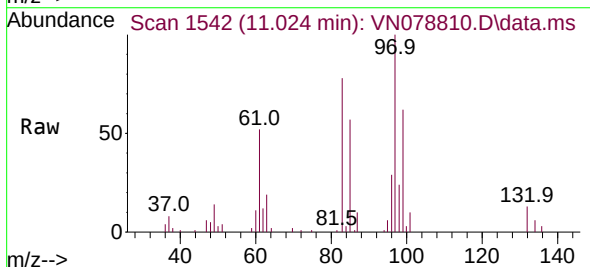
Manual Integrations
APPROVED

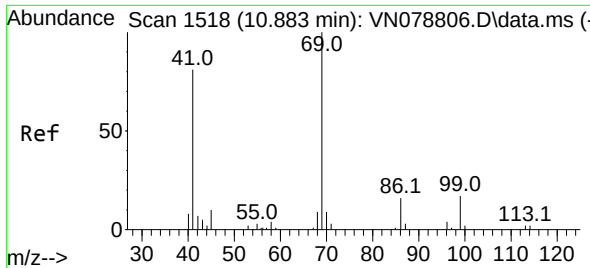
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#50
1,1,2-Trichloroethane
Concen: 20.736 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

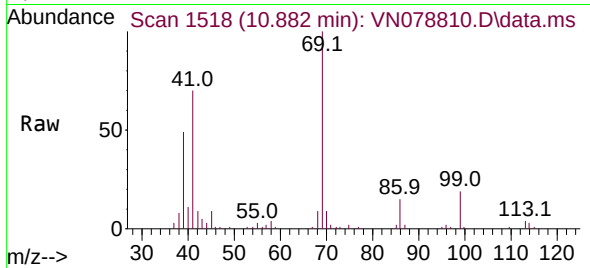
Tgt Ion: 97 Resp: 41141
Ion Ratio Lower Upper
97 100
83 77.3 66.8 100.2
85 56.8 42.5 63.7
99 61.7 48.3 72.5





#51
Ethyl methacrylate
Concen: 19.432 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

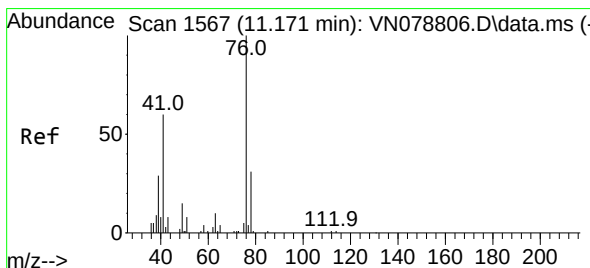
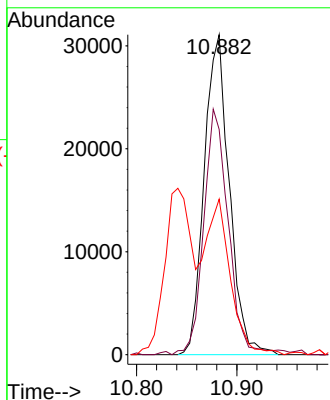
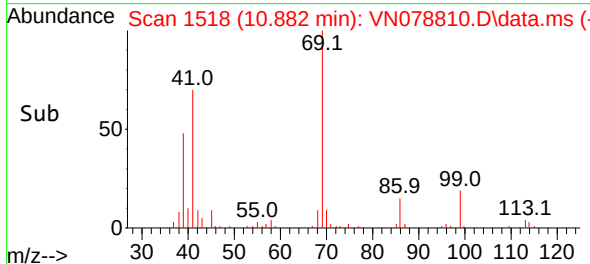
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823



Tgt Ion: 69 Resp: 54038
Ion Ratio Lower Upper
69 100
41 69.1 26.0 78.0
39 47.7 16.3 48.9

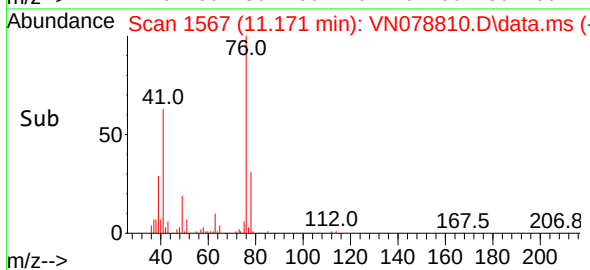
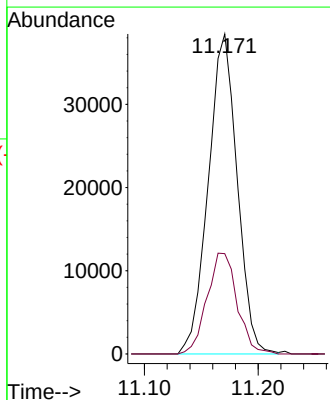
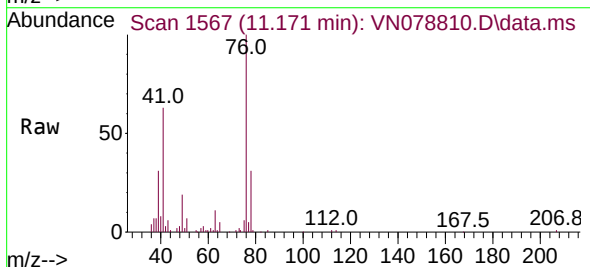
Manual Integrations
APPROVED

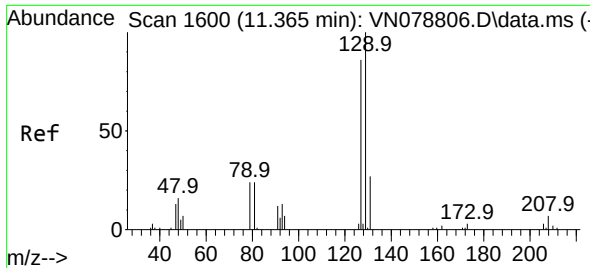
Reviewed By :John Carbone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#52
1,3-Dichloropropane
Concen: 19.956 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

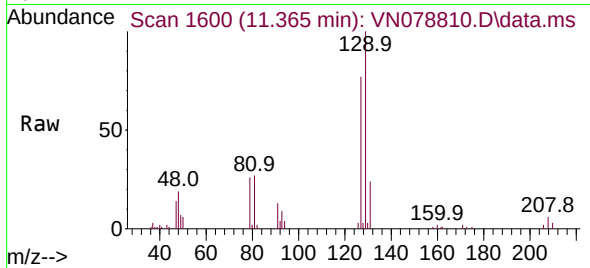
Tgt Ion: 76 Resp: 67982
Ion Ratio Lower Upper
76 100
78 32.7 0.0 66.2





#53
Dibromochloromethane
Concen: 19.691 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

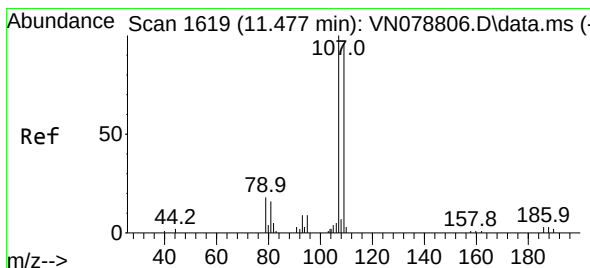
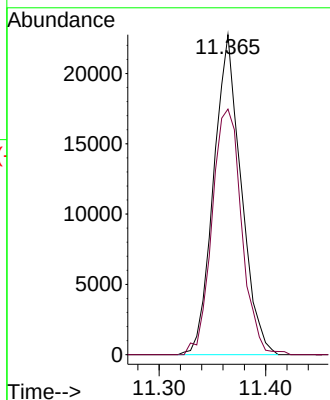
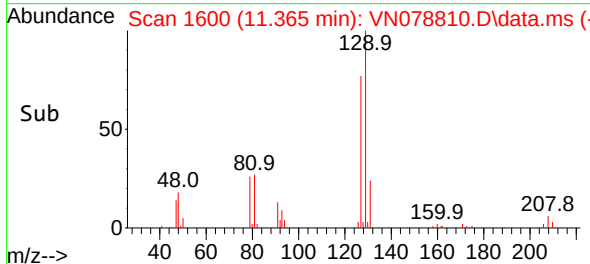
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823



Tgt Ion:129 Resp: 40774
Ion Ratio Lower Upper
129 100
127 82.2 39.4 118.1

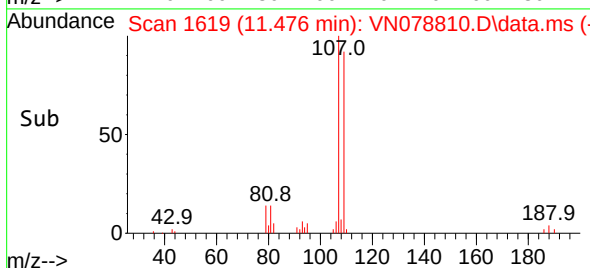
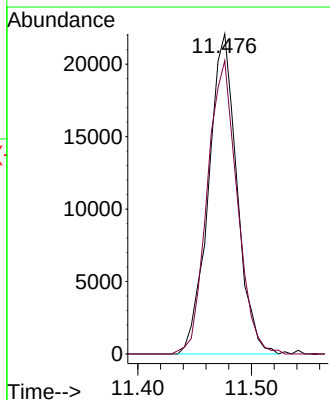
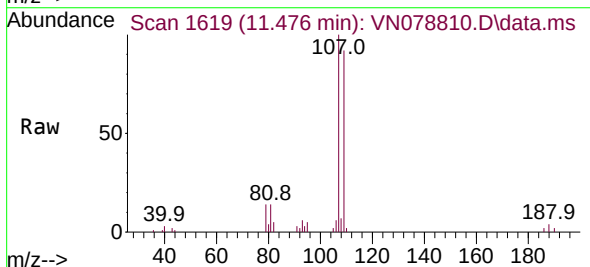
Manual Integrations
APPROVED

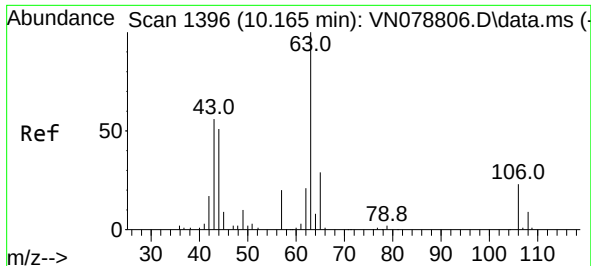
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#54
1,2-Dibromoethane
Concen: 19.840 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

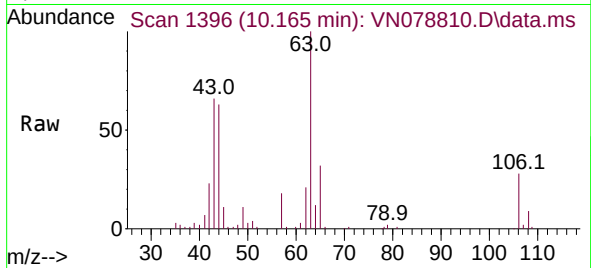
Tgt Ion:107 Resp: 38457
Ion Ratio Lower Upper
107 100
109 96.2 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 102.163 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

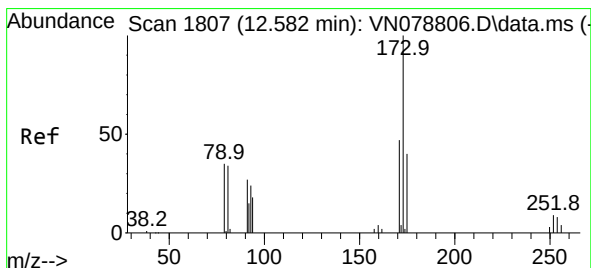
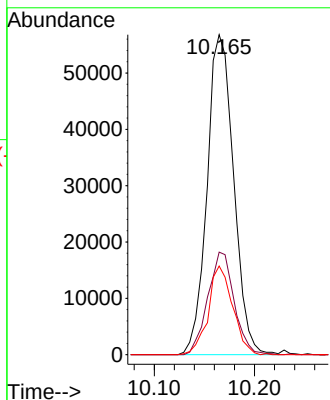
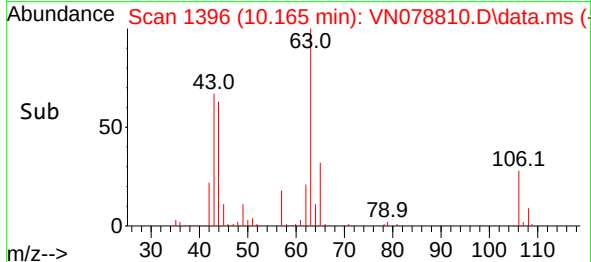
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823



Tgt Ion: 63 Resp: 104770
Ion Ratio Lower Upper
63 100
65 31.7 26.3 39.5
106 25.4 23.8 35.6

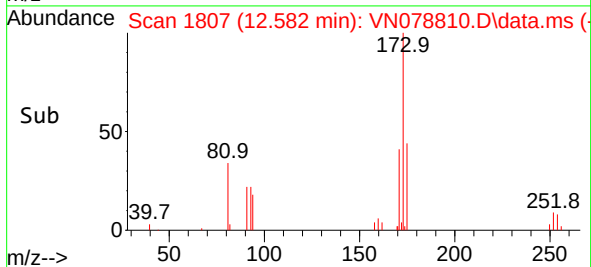
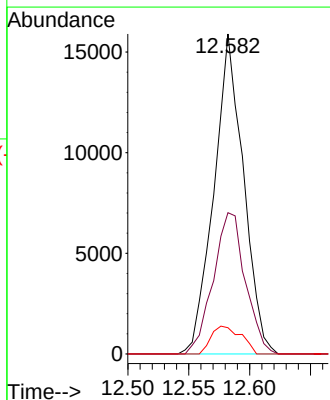
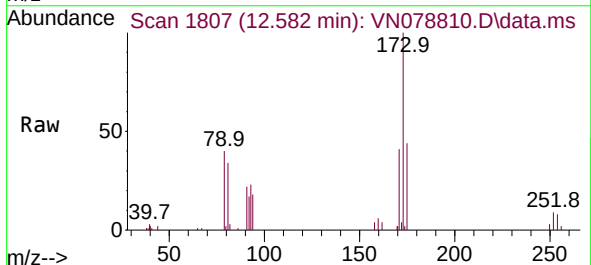
Manual Integrations
APPROVED

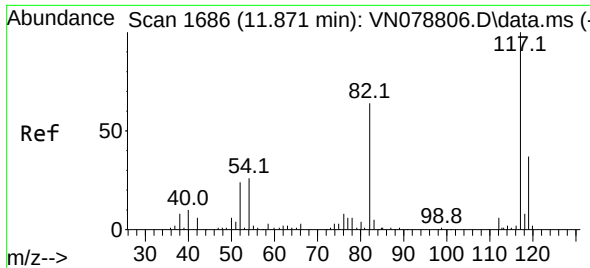
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#56
Bromoform
Concen: 20.686 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

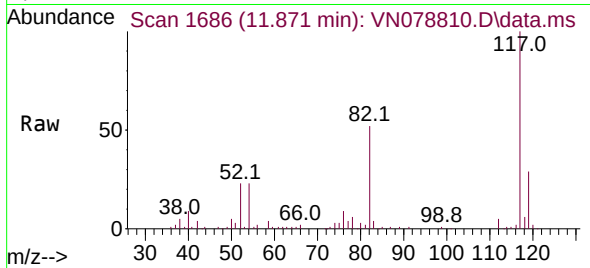
Tgt Ion:173 Resp: 26814
Ion Ratio Lower Upper
173 100
175 48.0 40.7 61.1
254 8.8 6.5 9.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

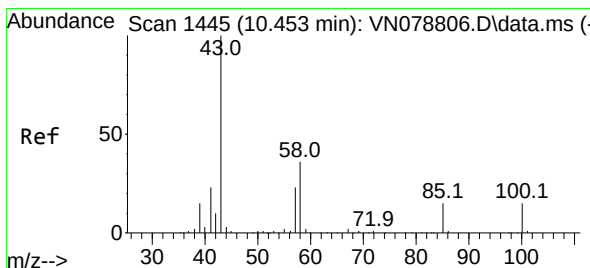
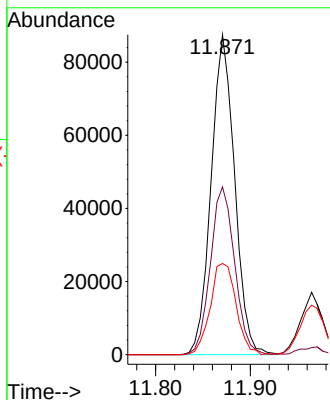
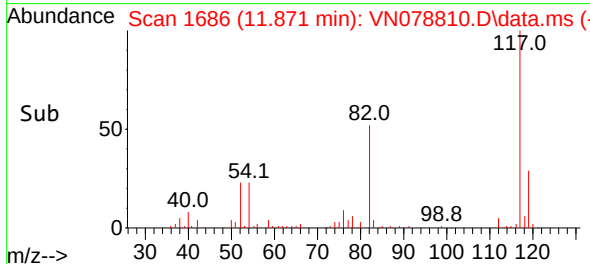
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823



Tgt Ion:117 Resp: 15098
Ion Ratio Lower Upper
117 100
82 54.1 43.9 65.9
119 31.3 26.2 39.4

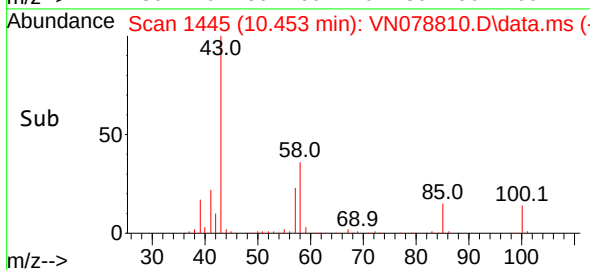
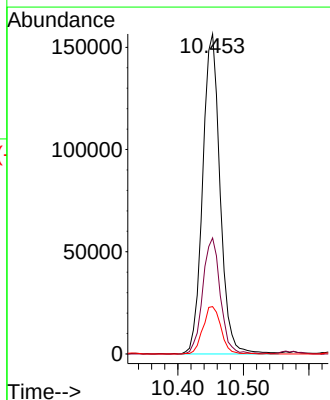
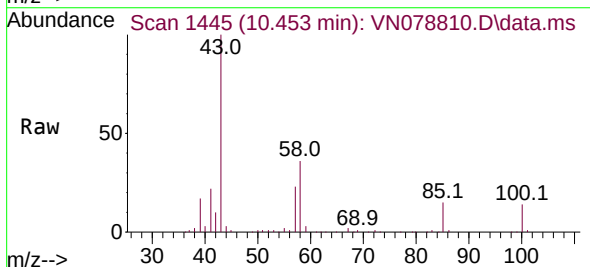
Manual Integrations
APPROVED

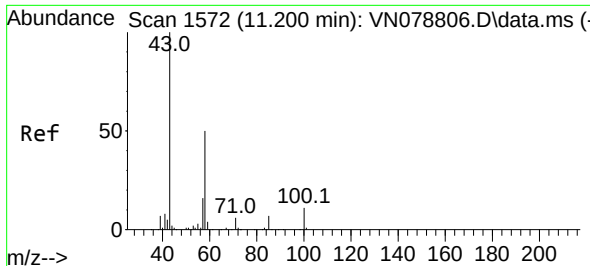
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#58
4-Methyl-2-Pentanone
Concen: 99.836 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

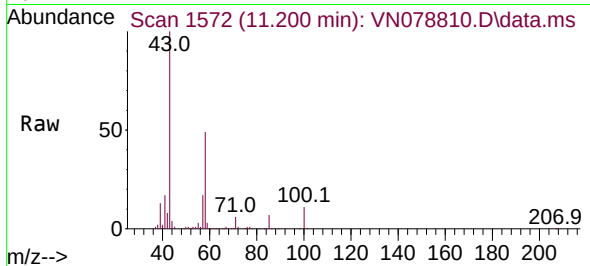
Tgt Ion: 43 Resp: 289730
Ion Ratio Lower Upper
43 100
58 36.3 32.6 48.8
85 15.2 16.2 24.2#





#59
2-Hexanone
Concen: 99.009 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

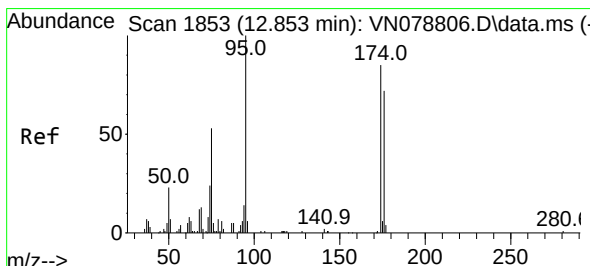
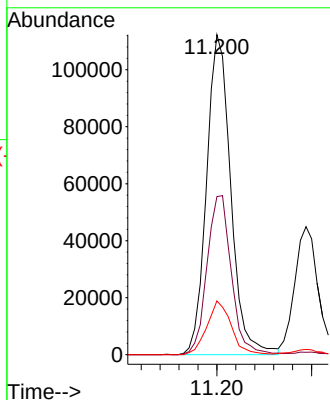
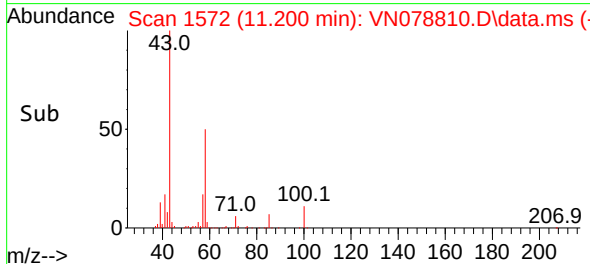
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823



Tgt Ion: 43 Resp: 199668
Ion Ratio Lower Upper
43 100
58 50.0 45.9 68.9
57 16.8 15.8 23.6

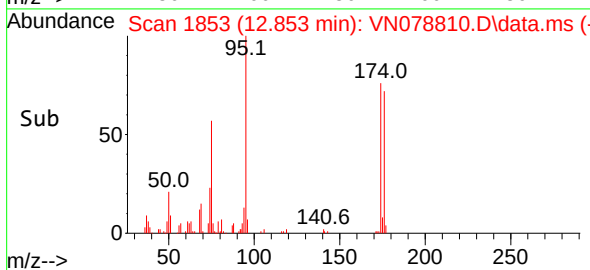
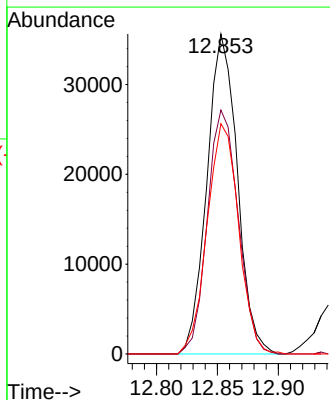
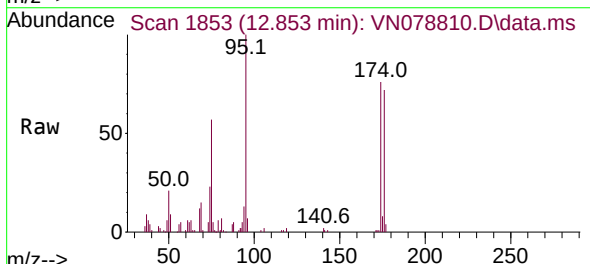
Manual Integrations
APPROVED

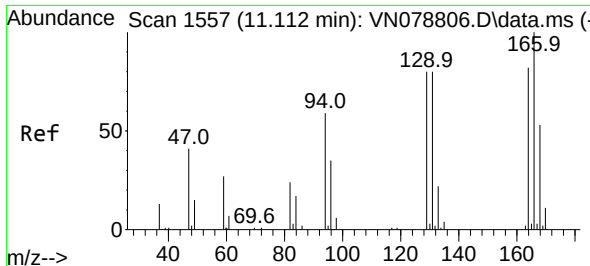
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#60
4-Bromofluorobenzene
Concen: 29.182 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

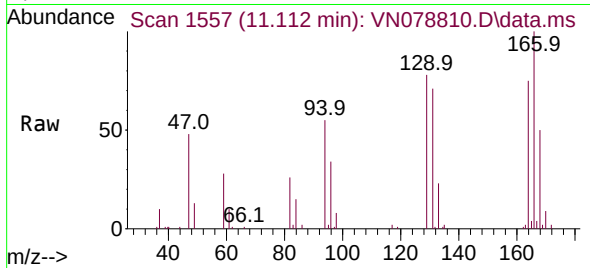
Tgt Ion: 95 Resp: 61845
Ion Ratio Lower Upper
95 100
174 77.3 61.7 92.5
176 74.6 58.1 87.1





#61
Tetrachloroethene
Concen: 16.733 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

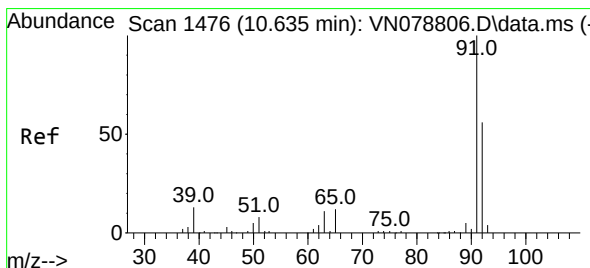
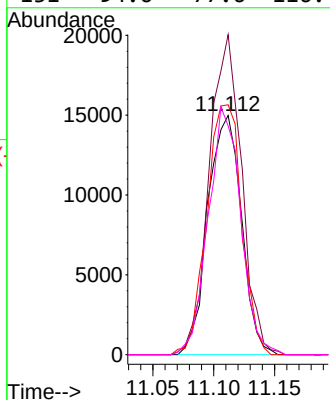
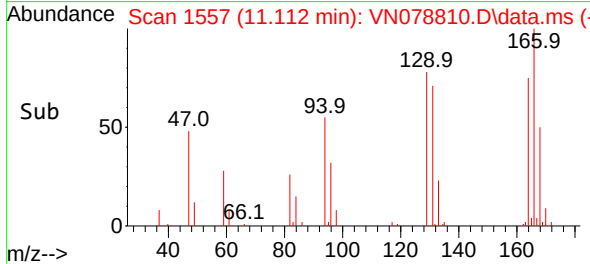
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823



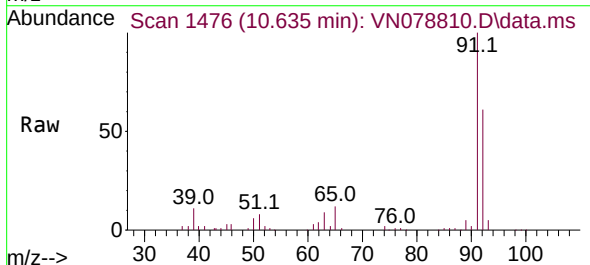
Tgt Ion:164 Resp: 2890
Ion Ratio Lower Upper
164 100
166 132.6 99.1 148.7
129 104.5 85.6 128.4
131 94.6 77.6 116.4

Manual Integrations
APPROVED

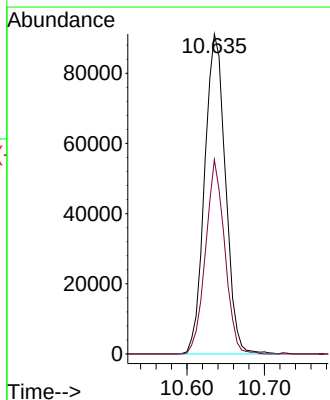
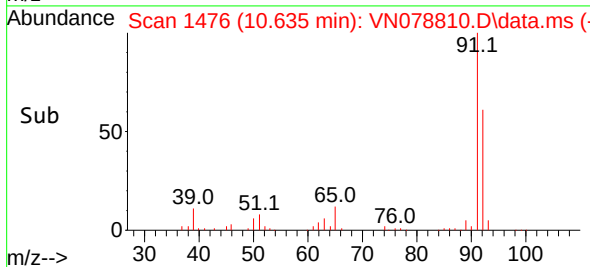
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

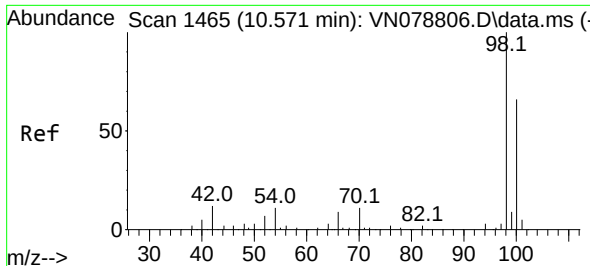


#62
Toluene
Concen: 19.143 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16



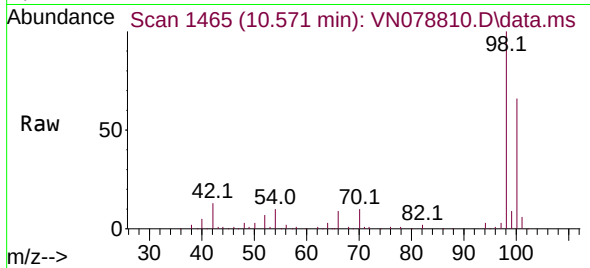
Tgt Ion: 91 Resp: 170158
Ion Ratio Lower Upper
91 100
92 55.9 45.2 67.8





#63
Toluene-d8
Concen: 29.761 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

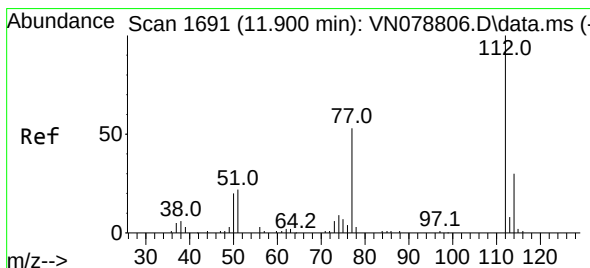
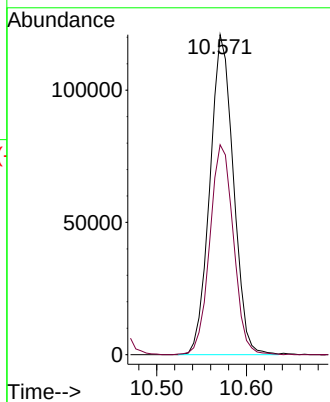
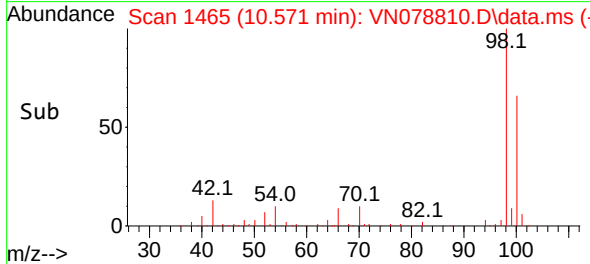
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823



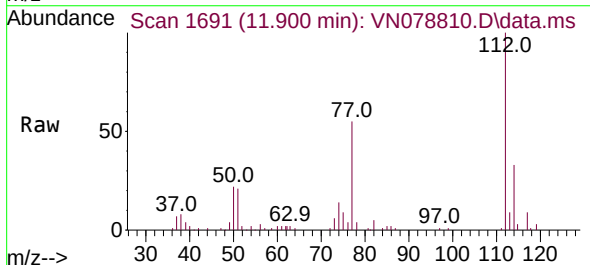
Tgt Ion: 98 Resp: 22019
Ion Ratio Lower Upper
98 100
100 65.9 49.7 74.5

Manual Integrations
APPROVED

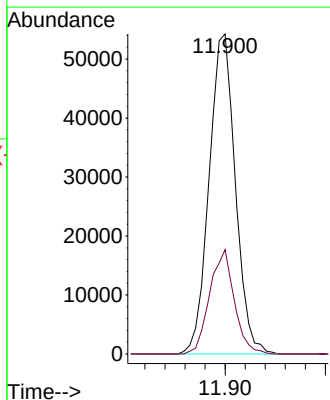
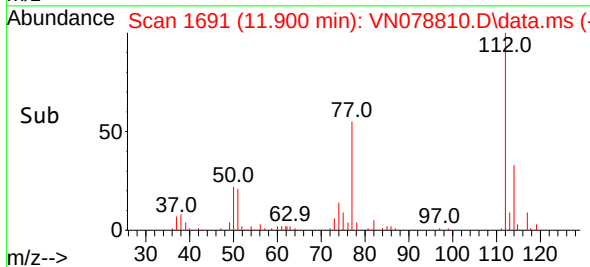
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

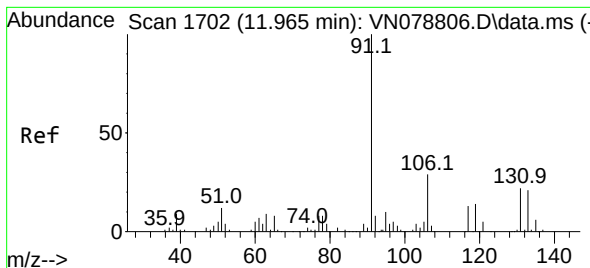


#64
Chlorobenzene
Concen: 18.955 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16



Tgt Ion:112 Resp: 98640
Ion Ratio Lower Upper
112 100
114 32.6 25.9 38.9





#65

1,1,1,2-Tetrachloroethane

Concen: 18.788 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VN078810.D

Acq: 08 Aug 2023 20:16

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080823

Tgt Ion:131 Resp: 3766

Ion Ratio Lower Upper

131 100

133 92.4 0.0 191.8

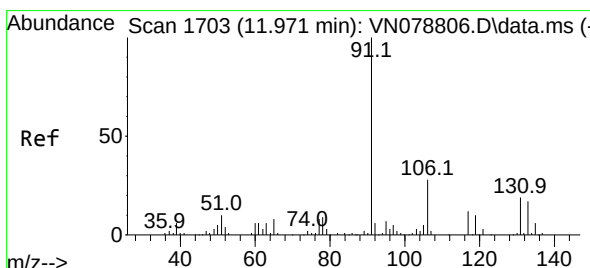
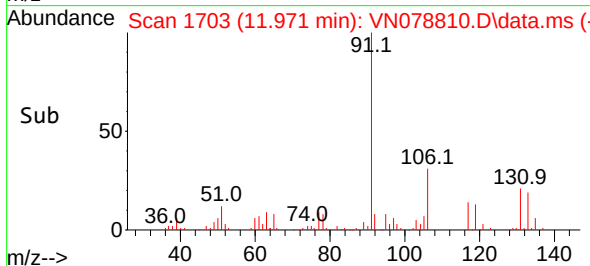
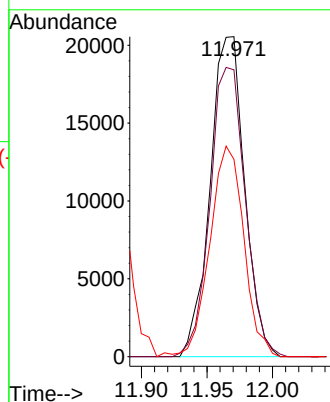
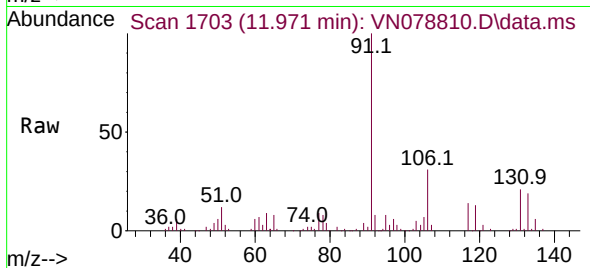
119 64.5 0.0 132.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#66

Ethyl Benzene

Concen: 17.462 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VN078810.D

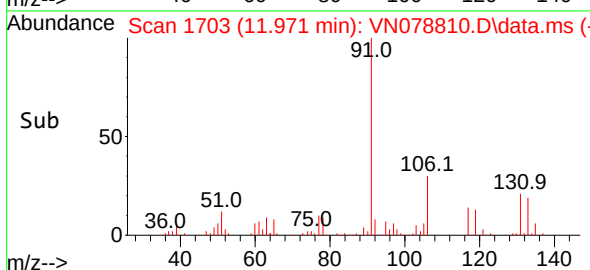
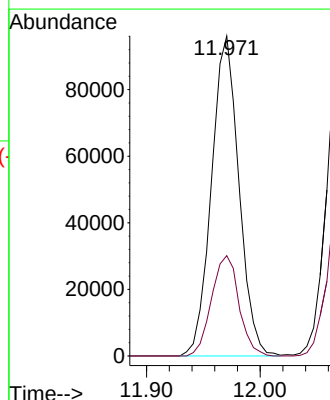
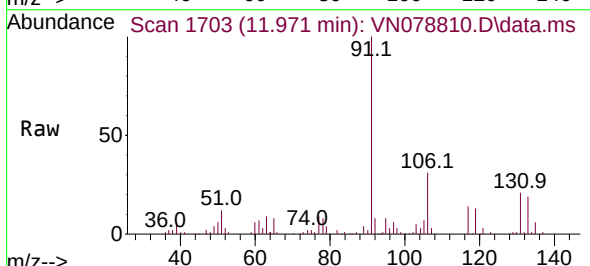
Acq: 08 Aug 2023 20:16

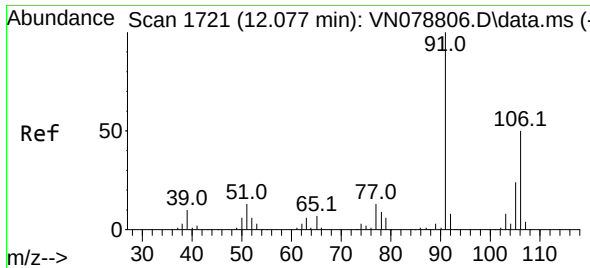
Tgt Ion: 91 Resp: 161202

Ion Ratio Lower Upper

91 100

106 31.3 25.6 38.4





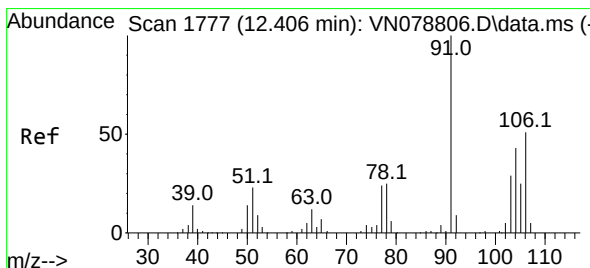
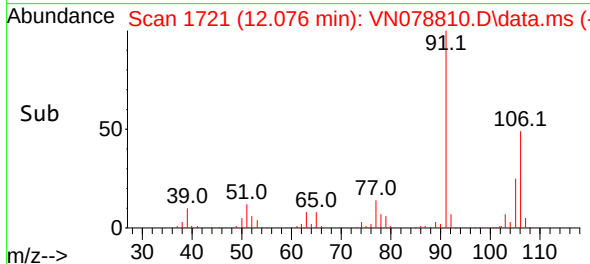
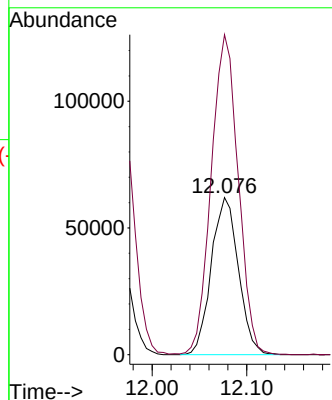
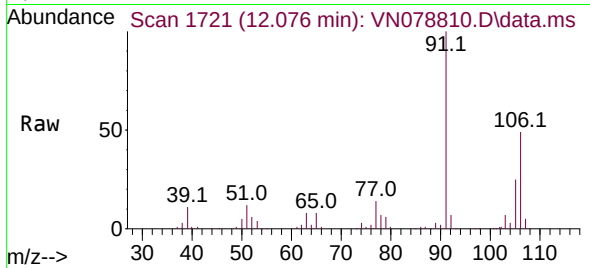
#67
m/p-Xylenes
Concen: 36.449 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823

Tgt Ion:106 Resp: 12338
Ion Ratio Lower Upper
106 100
91 203.2 162.5 243.7

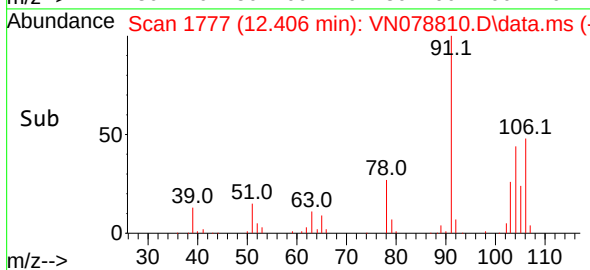
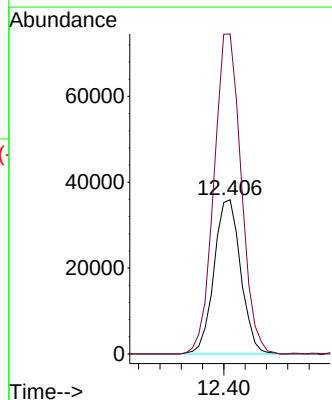
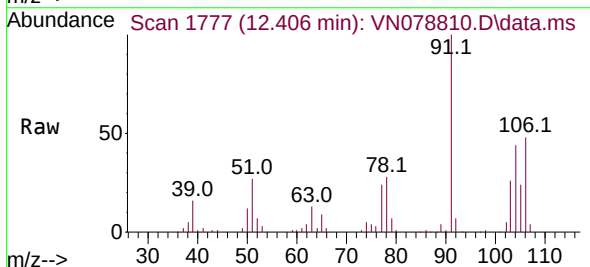
Manual Integrations
APPROVED

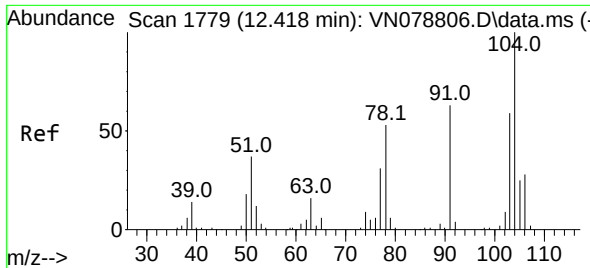
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#68
o-Xylene
Concen: 18.539 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Tgt Ion:106 Resp: 62462
Ion Ratio Lower Upper
106 100
91 211.3 106.1 318.3





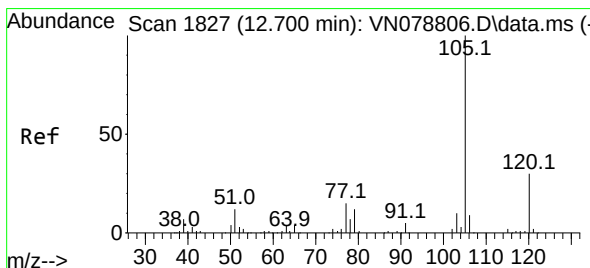
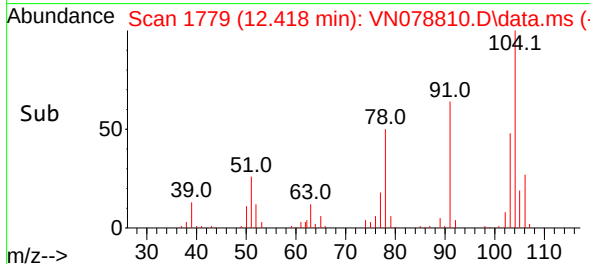
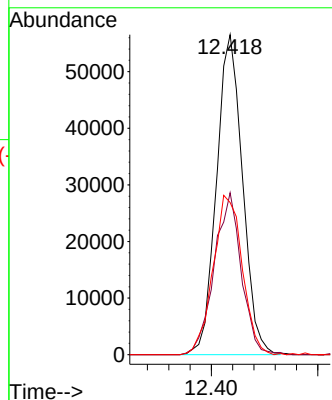
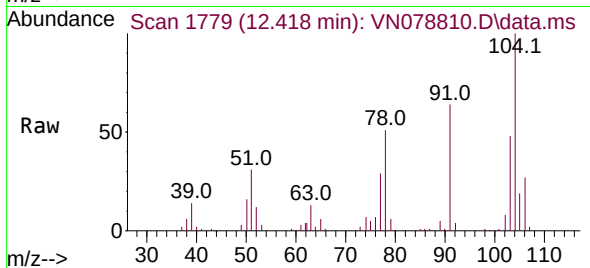
#69
Styrene
Concen: 18.618 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823

Tgt Ion:104 Resp: 95852
Ion Ratio Lower Upper
104 100
78 52.6 40.1 60.1
103 55.7 45.1 67.7

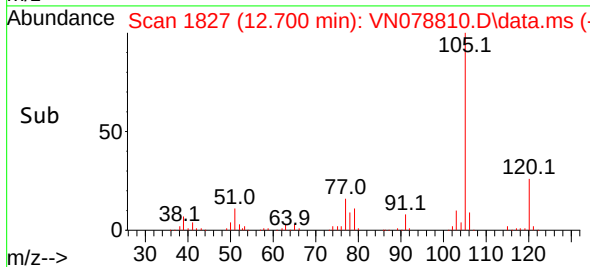
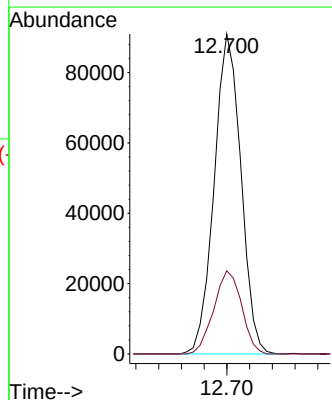
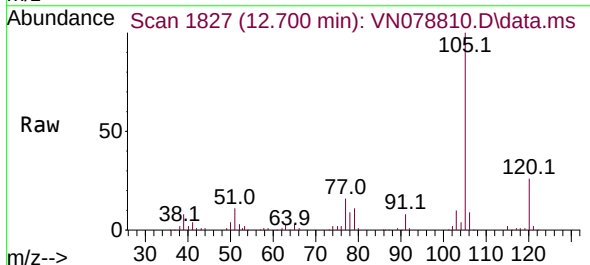
Manual Integrations
APPROVED

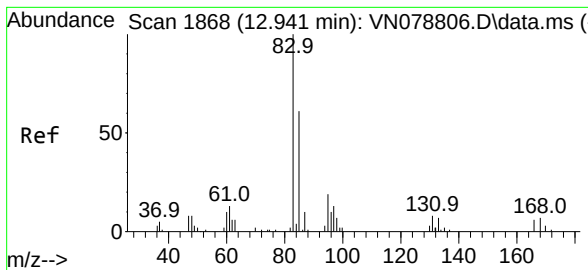
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#70
Isopropylbenzene
Concen: 17.863 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

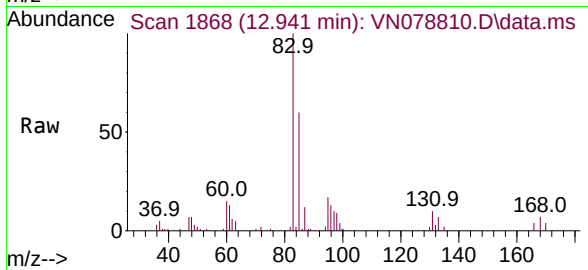
Tgt Ion:105 Resp: 148657
Ion Ratio Lower Upper
105 100
120 27.0 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 19.094 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

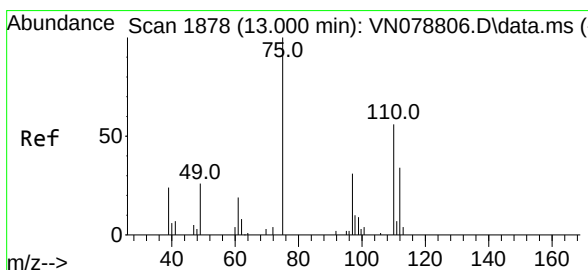
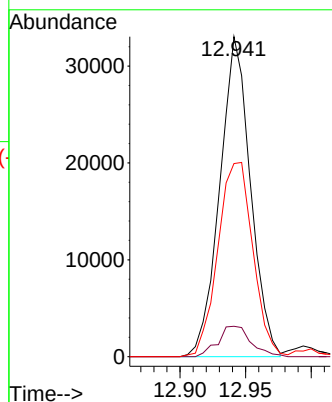
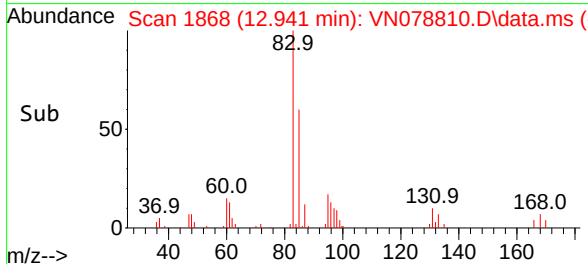
Instrument : MSVOA_N
ClientSampleId : ICVVN080823



Tgt Ion: 83 Resp: 53840
Ion Ratio Lower Upper
83 100
131 10.3 4.8 14.4
85 69.1 32.6 98.0

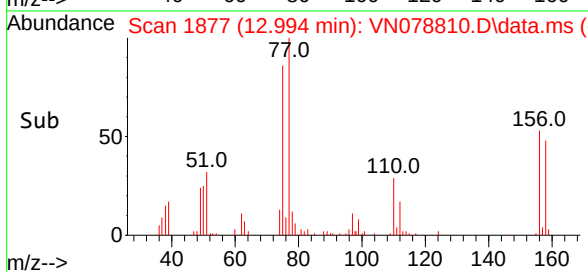
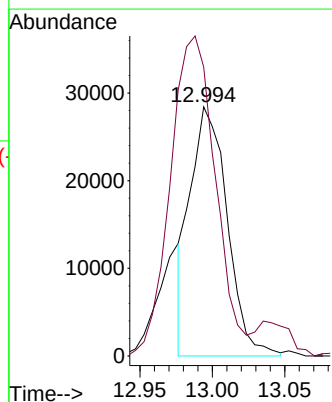
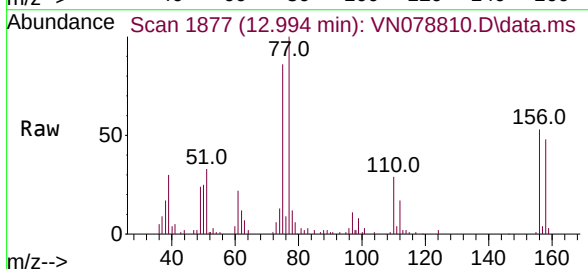
Manual Integrations
APPROVED

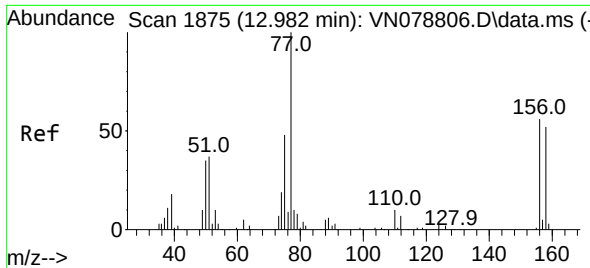
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#72
1,2,3-Trichloropropane
Concen: 20.499 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Tgt Ion: 75 Resp: 50462
Ion Ratio Lower Upper
75 100
77 156.3 0.0 387.4





#73
Bromobenzene
Concen: 17.981 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Instrument :

MSVOA_N

ClientSampleId :

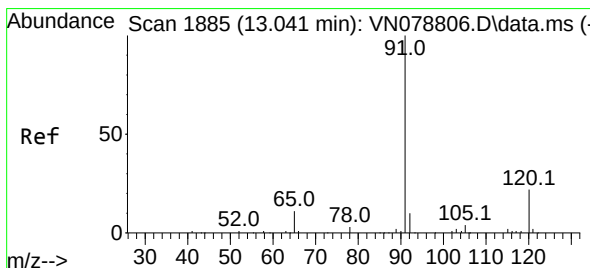
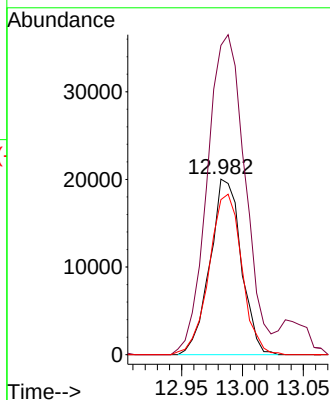
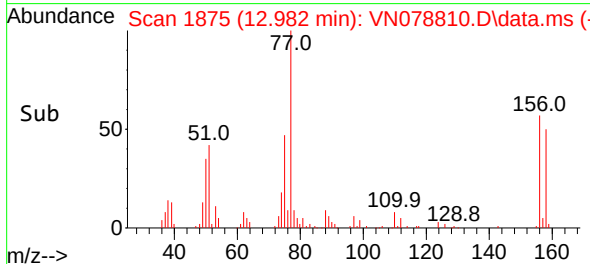
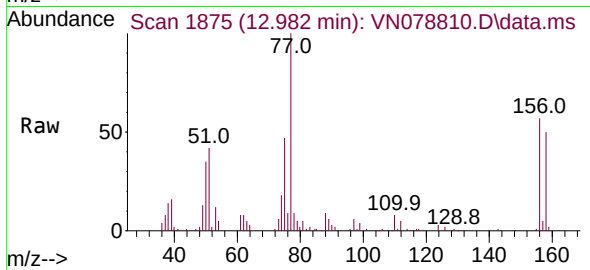
ICVVN080823

Tgt Ion:156 Resp: 35760
Ion Ratio Lower Upper
156 100
77 220.5 0.0 420.8
158 95.8 0.0 193.2

Manual Integrations

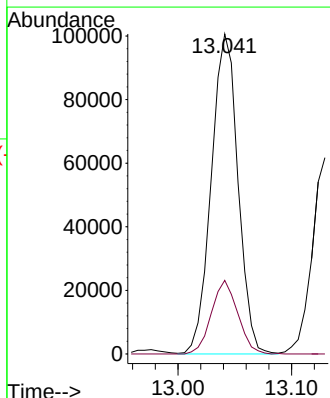
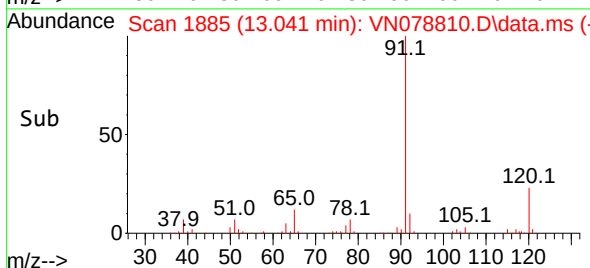
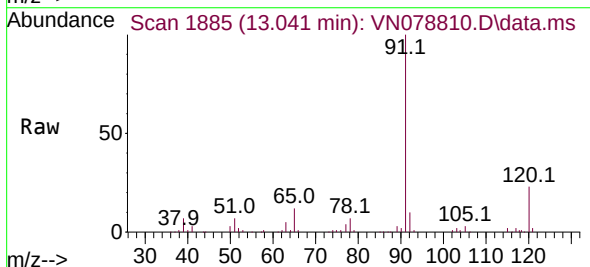
APPROVED

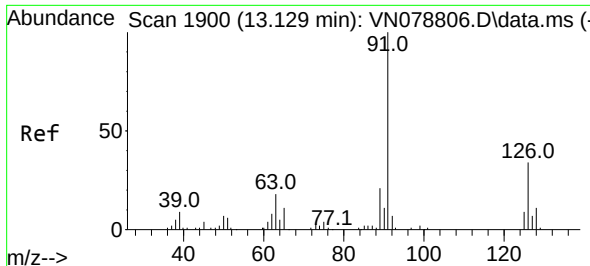
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#74
n-propylbenzene
Concen: 17.874 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Tgt Ion: 91 Resp: 164611
Ion Ratio Lower Upper
91 100
120 22.6 0.0 44.6





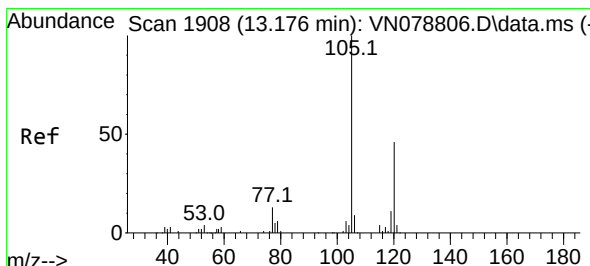
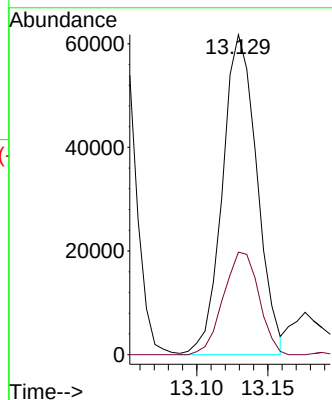
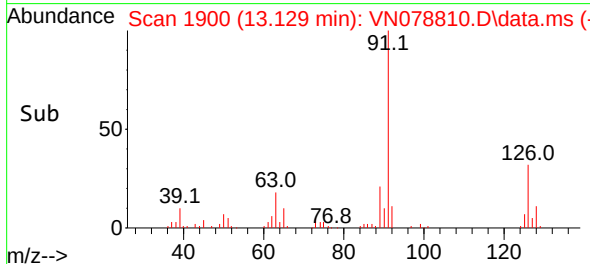
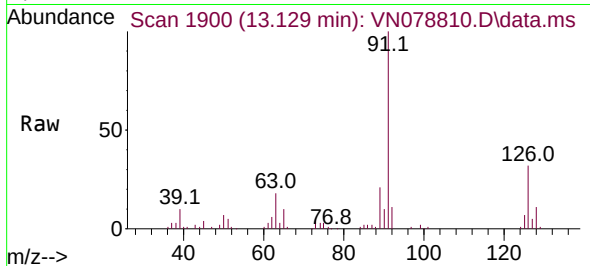
#75
2-Chlorotoluene
Concen: 18.147 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823

Tgt Ion: 91 Resp: 104108
Ion Ratio Lower Upper
91 100
126 33.1 0.0 67.2

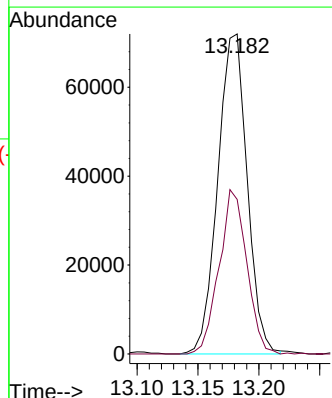
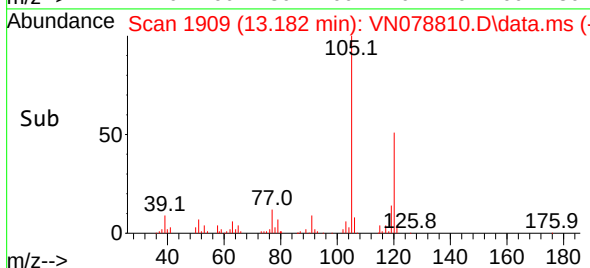
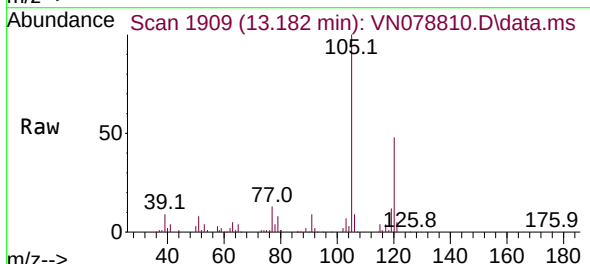
Manual Integrations
APPROVED

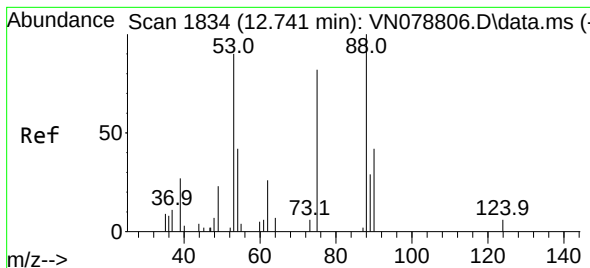
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 18.282 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

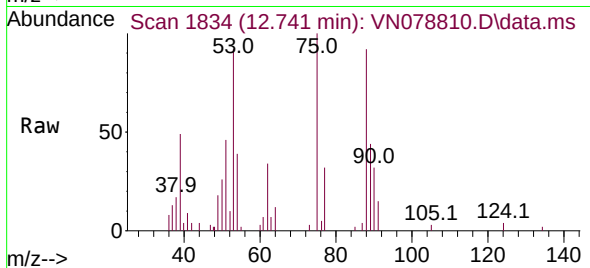
Tgt Ion:105 Resp: 120845
Ion Ratio Lower Upper
105 100
120 48.3 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 20.266 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

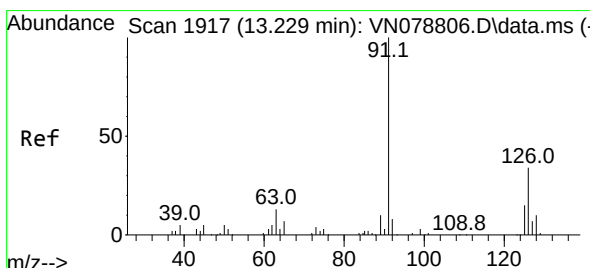
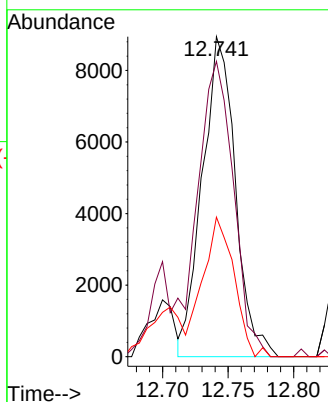
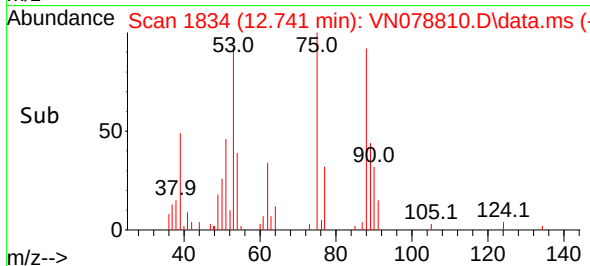
Instrument : MSVOA_N
ClientSampleId : ICVVN080823



Tgt Ion: 75 Resp: 15659
Ion Ratio Lower Upper
75 100
53 92.3 41.6 124.9
89 43.6 25.1 75.4

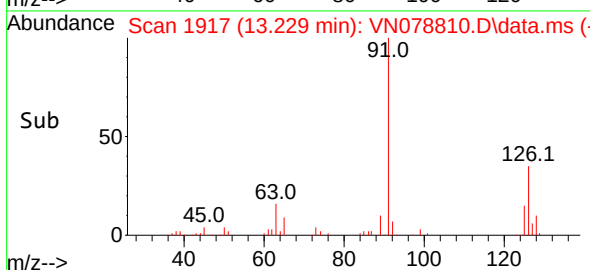
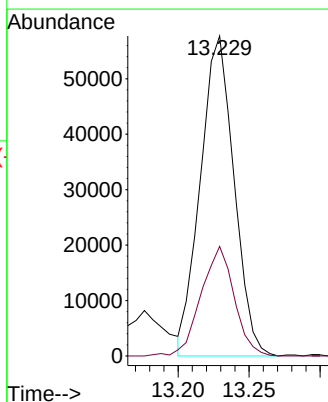
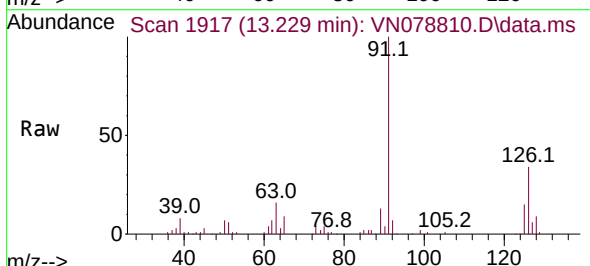
Manual Integrations
APPROVED

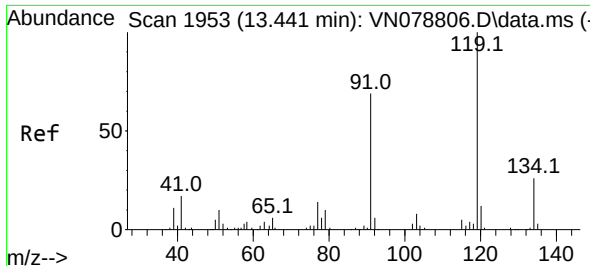
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#78
4-Chlorotoluene
Concen: 17.877 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Tgt Ion: 91 Resp: 95143
Ion Ratio Lower Upper
91 100
126 33.5 0.0 68.8





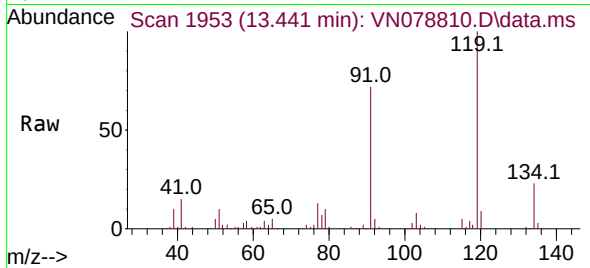
#79
tert-butylbenzene
Concen: 18.578 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080823



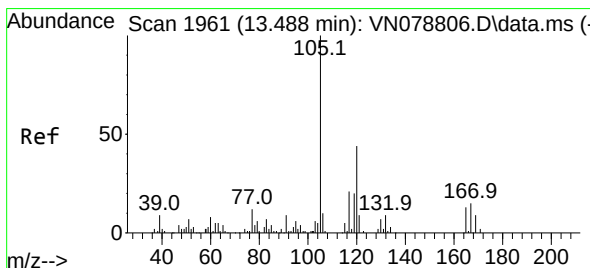
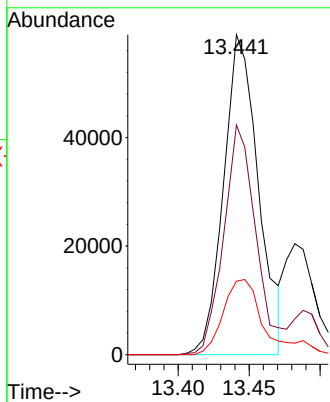
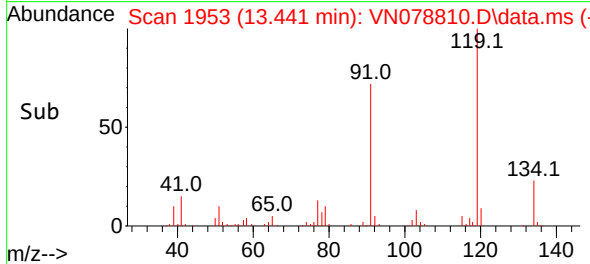
Tgt Ion:119 Resp: 100758
Ion Ratio Lower Upper
119 100
91 65.6 0.0 126.6
134 26.0 0.0 44.0

Manual Integrations

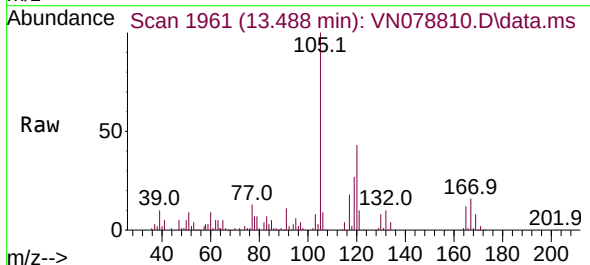
APPROVED

Reviewed By :John Carlone 08/09/2023

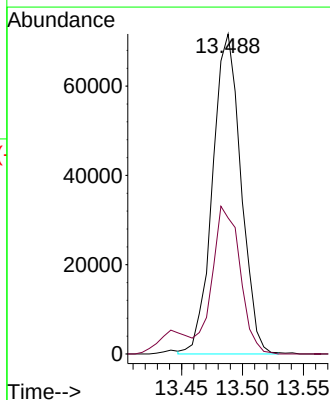
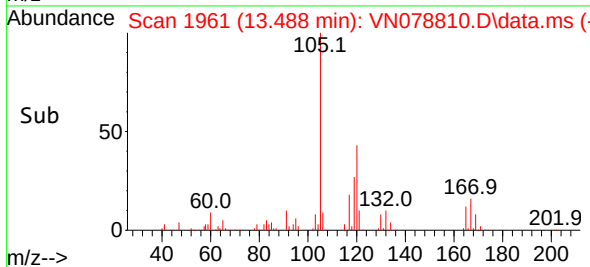
Supervised By :Semsettin Yesilyurt 08/09/2023

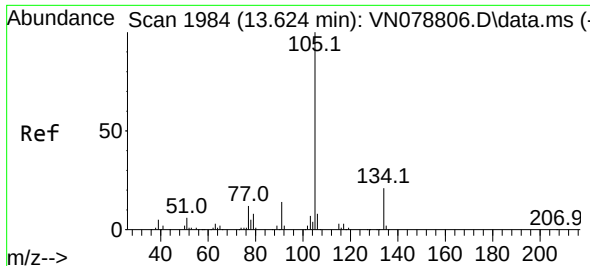


#80
1,2,4-Trimethylbenzene
Concen: 18.677 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16



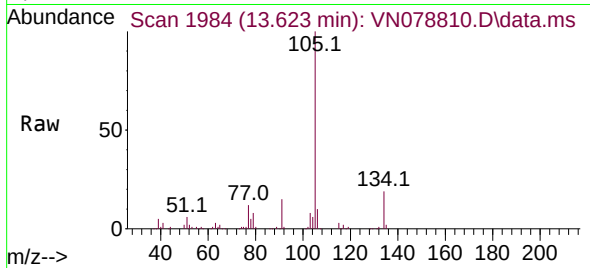
Tgt Ion:105 Resp: 116495
Ion Ratio Lower Upper
105 100
120 45.1 0.0 88.2





#81
 sec-Butylbenzene
 Concen: 18.312 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078810.D
 Acq: 08 Aug 2023 20:16

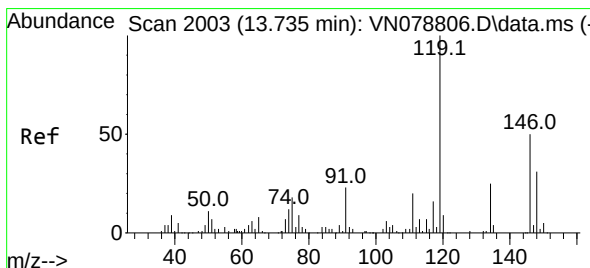
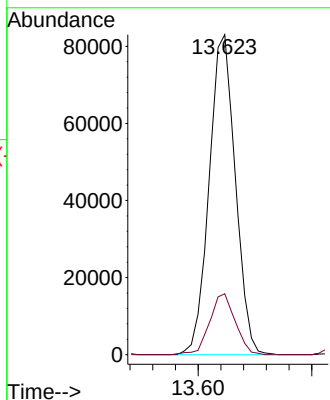
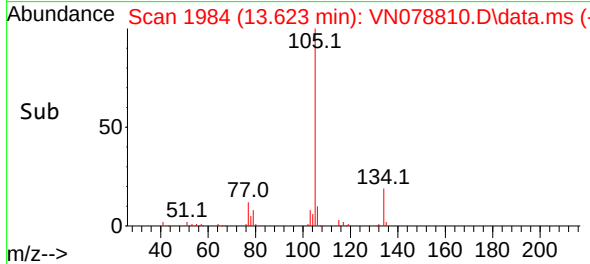
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080823



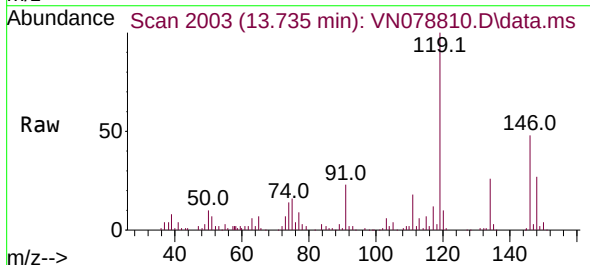
Tgt Ion:105 Resp: 132954
 Ion Ratio Lower Upper
 105 100
 134 18.2 0.0 38.6

Manual Integrations
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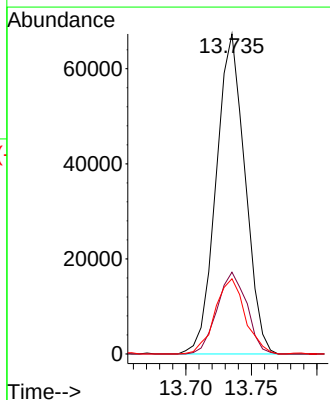
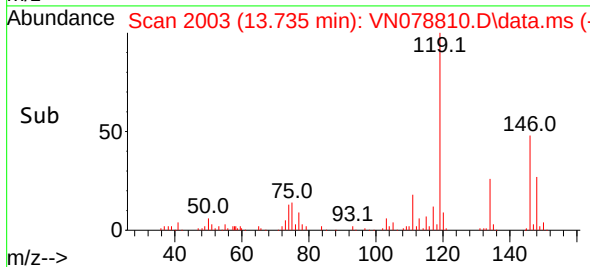
Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023

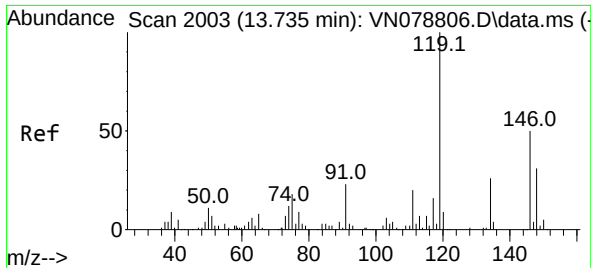


#82
 p-Isopropyltoluene
 Concen: 18.117 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078810.D
 Acq: 08 Aug 2023 20:16



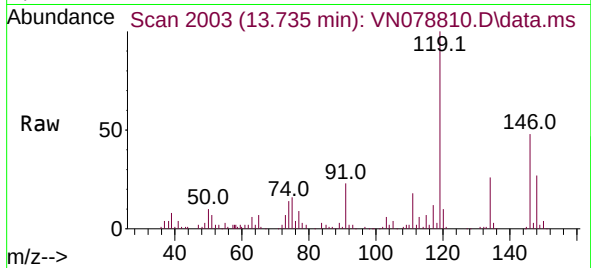
Tgt Ion:119 Resp: 103034
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 52.4
 91 24.5 0.0 48.2





#83
 1,3-Dichlorobenzene
 Concen: 18.405 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078810.D
 Acq: 08 Aug 2023 20:16

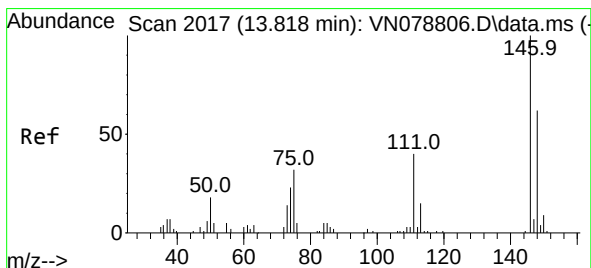
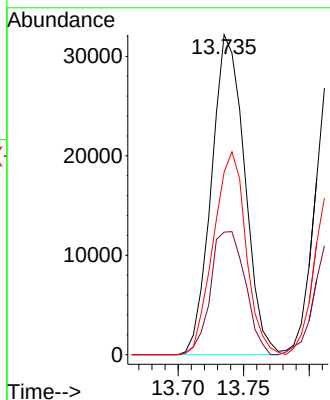
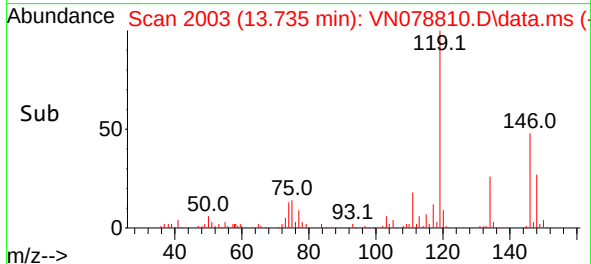
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080823



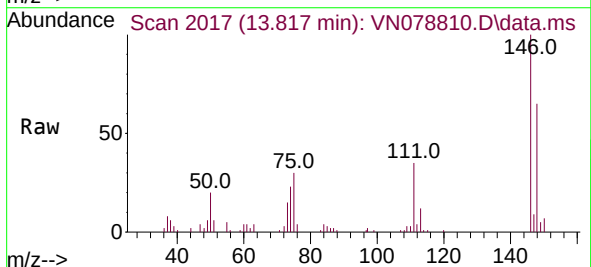
Tgt Ion:146 Resp: 56579
 Ion Ratio Lower Upper
 146 100
 111 40.2 21.6 64.6
 148 62.2 31.9 95.5

Manual Integrations
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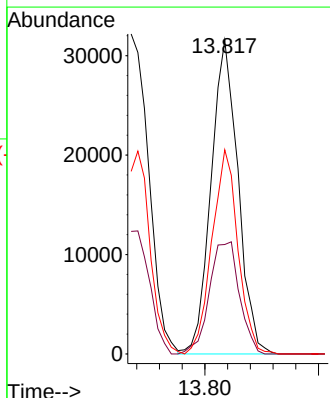
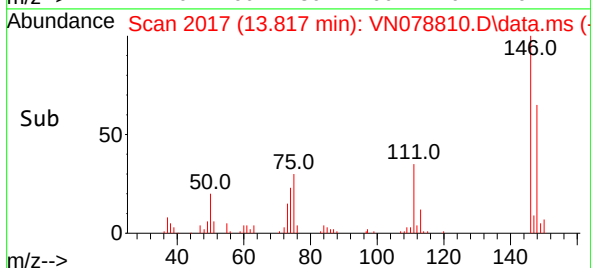
Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023

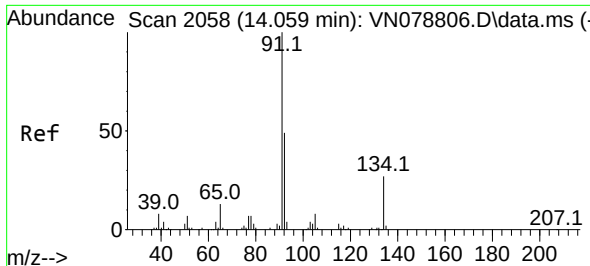


#84
 1,4-Dichlorobenzene
 Concen: 17.755 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN078810.D
 Acq: 08 Aug 2023 20:16



Tgt Ion:146 Resp: 52122
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.4 58.2
 148 62.7 31.4 94.3





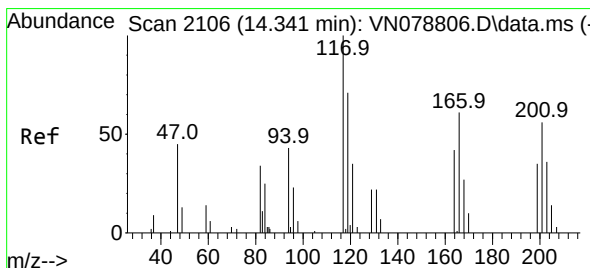
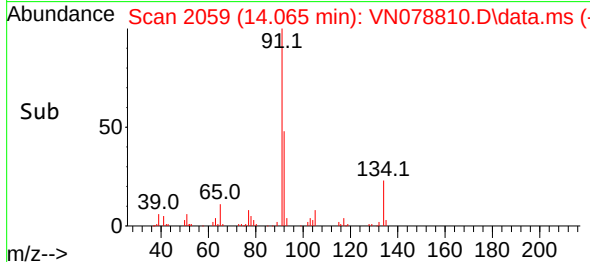
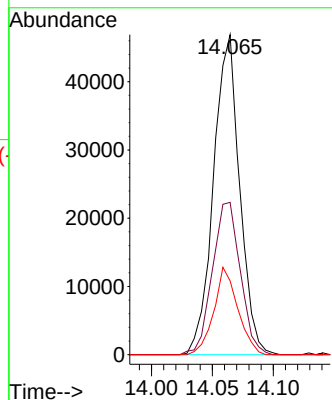
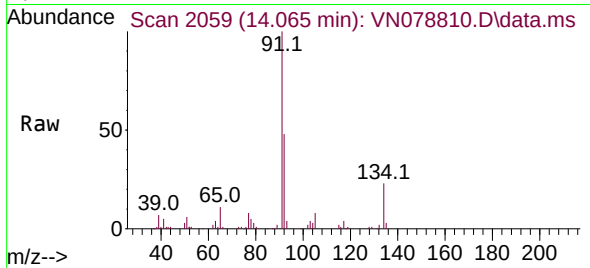
#85
n-Butylbenzene
Concen: 16.734 ug/l
RT: 14.065 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823

Tgt Ion: 91 Resp: 7003
Ion Ratio Lower Upper
91 100
92 50.8 0.0 99.6
134 25.0 0.0 50.0

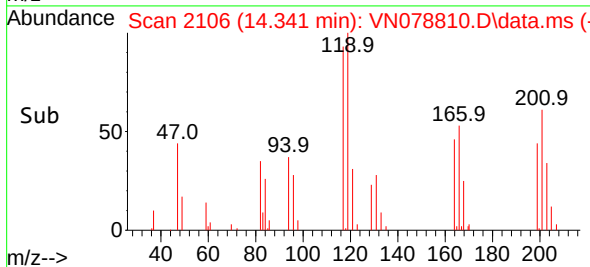
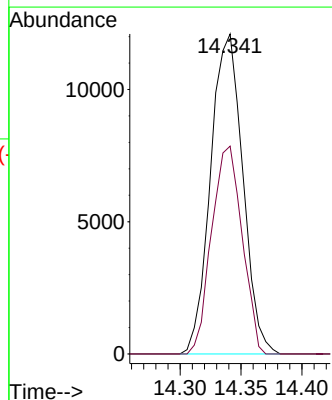
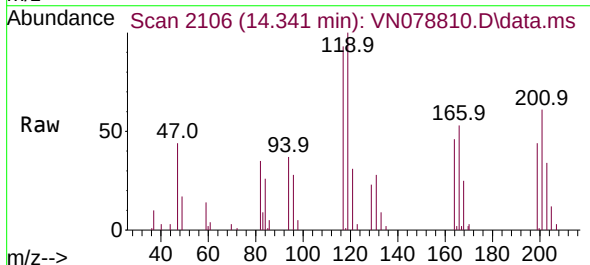
Manual Integrations
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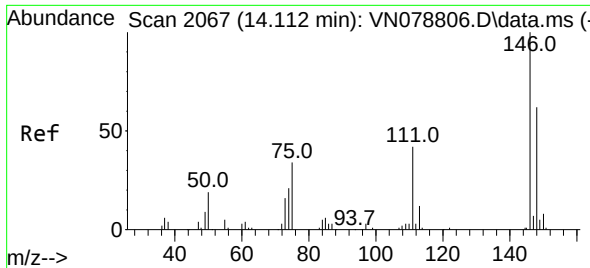
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#86
Hexachloroethane
Concen: 18.561 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

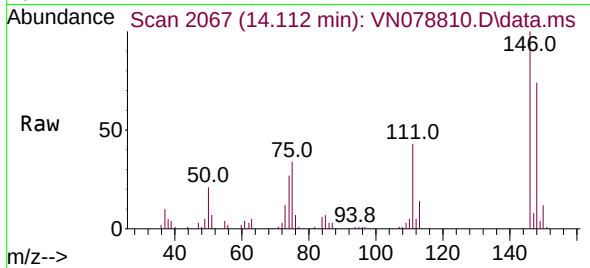
Tgt Ion:117 Resp: 22235
Ion Ratio Lower Upper
117 100
201 61.6 34.2 102.6





#87
1,2-Dichlorobenzene
Concen: 17.909 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

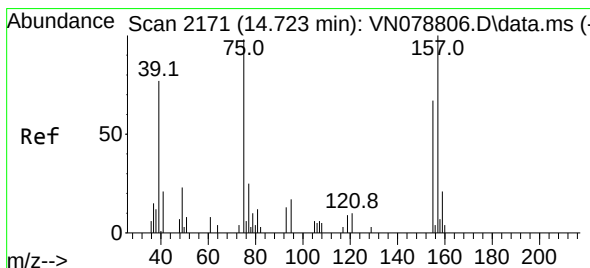
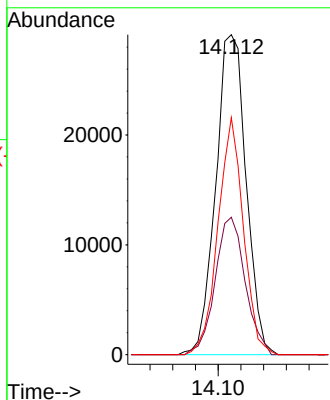
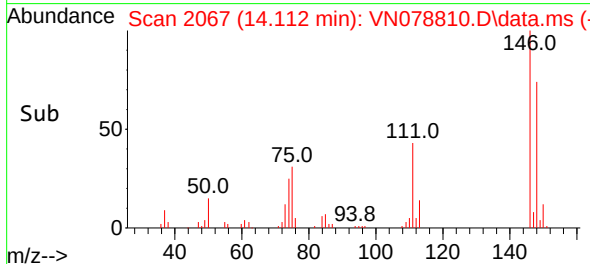
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823



Tgt Ion:146 Resp: 5416
Ion Ratio Lower Upper
146 100
111 42.5 22.4 67.3
148 62.0 33.4 100.1

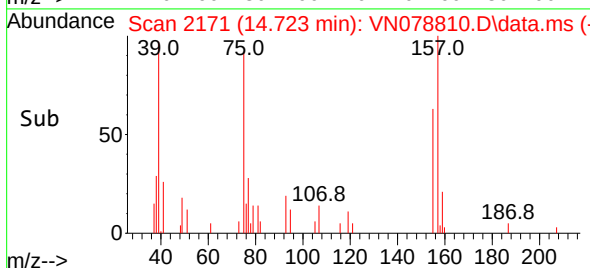
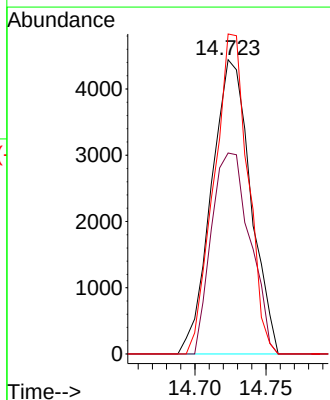
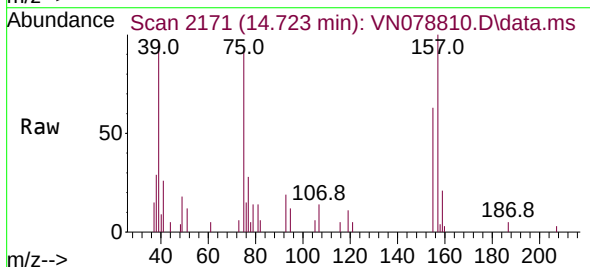
Manual Integrations
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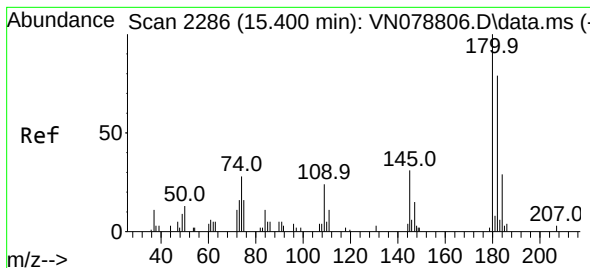
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 21.337 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

Tgt Ion: 75 Resp: 8547
Ion Ratio Lower Upper
75 100
155 67.3 68.2 102.2#
157 93.7 84.7 127.1





#89

1,2,4-Trichlorobenzene

Concen: 14.304 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078810.D

Acq: 08 Aug 2023 20:16

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080823

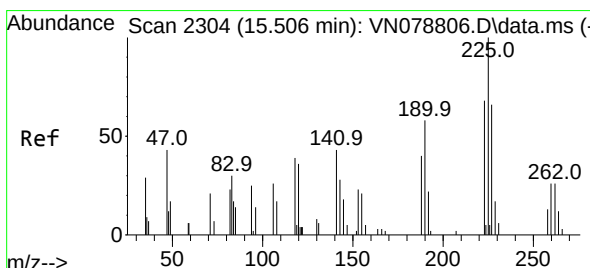
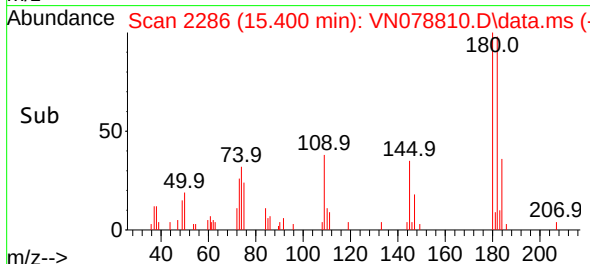
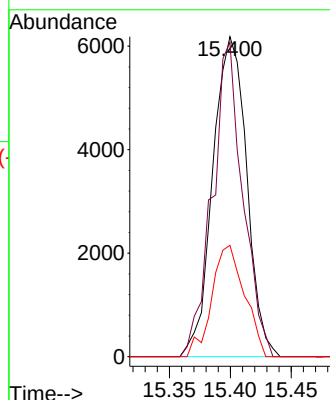
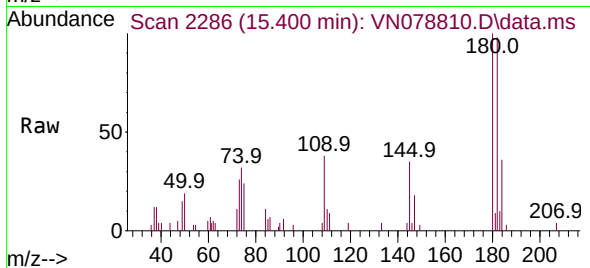
Tgt Ion:	180	Resp:	1197
Ion Ratio	Lower	Upper	
180	100		
182	88.7	73.7	110.5
145	33.6	25.0	37.6

Manual Integrations

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Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#90

Hexachlorobutadiene

Concen: 16.241 ug/l

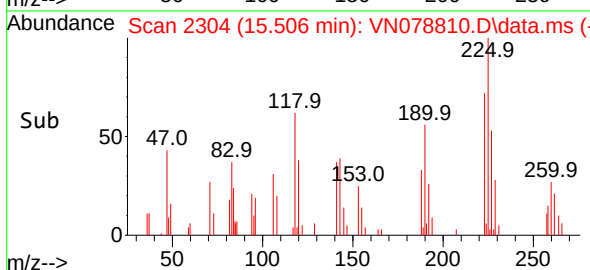
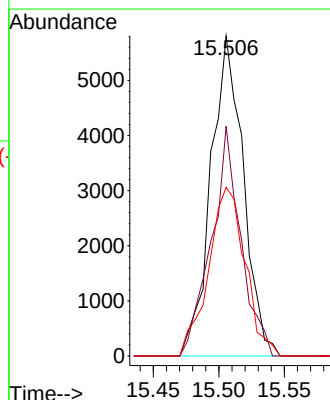
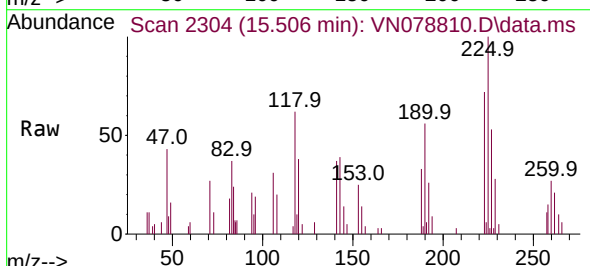
RT: 15.506 min Scan# 2304

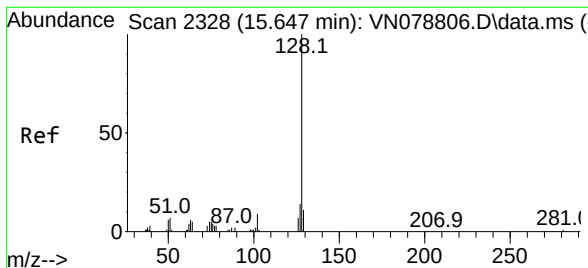
Delta R.T. -0.000 min

Lab File: VN078810.D

Acq: 08 Aug 2023 20:16

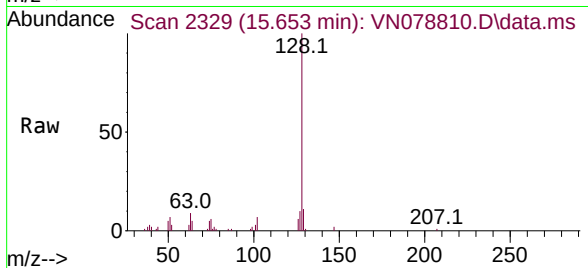
Tgt Ion:	225	Resp:	10009
Ion Ratio	Lower	Upper	
225	100		
223	65.0	0.0	130.0
227	59.1	0.0	124.0





#91
Naphthalene
Concen: 14.647 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.006 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16

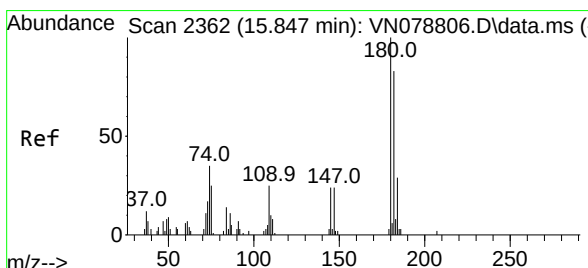
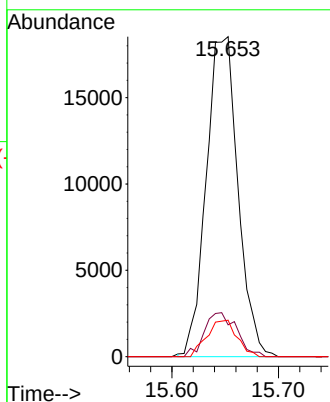
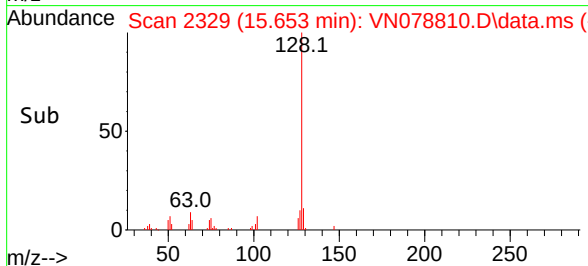
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823



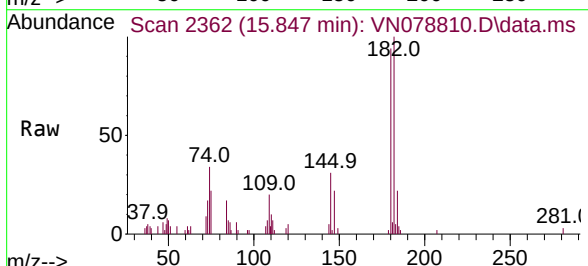
Tgt Ion:128 Resp: 38339
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.2
129 10.8 9.0 13.4

Manual Integrations
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Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#92
1,2,3-Trichlorobenzene
Concen: 15.492 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078810.D
Acq: 08 Aug 2023 20:16



Tgt Ion:180 Resp: 15209
Ion Ratio Lower Upper
180 100
182 90.9 0.0 196.4
145 36.9 0.0 71.0

