

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
 Data File : VN078806.D
 Acq On : 08 Aug 2023 18:40
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

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

Quant Time: Aug 09 04:41:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 09 04:37:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	32248	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	185975	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	156856	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	79883	32.252	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 107.500%			
60) 4-Bromofluorobenzene	12.853	95	69391	29.197	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.333%			
63) Toluene-d8	10.571	98	237195	30.203	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.667%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	47191	22.009	ug/l	98
3) Chloromethane	2.371	50	56042	21.899	ug/l	98
4) Vinyl Chloride	2.524	62	51065	15.601	ug/l #	86
5) Bromomethane	2.971	94	37743	15.369	ug/l	87
6) Chloroethane	3.130	64	36553	16.703	ug/l	97
7) Trichlorofluoromethane	3.507	101	74203	20.729	ug/l	91
8) Diethyl Ether	3.977	74	25763	21.662	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.377	101	39793	20.541	ug/l	91
10) 1,1-Dichloroethene	4.348	96	37546	20.464	ug/l	90
11) Methyl Iodide	4.606	142	50473	19.608	ug/l	93
12) Methyl Acetate	5.042	43	82925	25.806	ug/l	95
13) Acrolein	4.195	56	40428	120.806	ug/l	96
14) Acrylonitrile	5.730	53	110203	119.944	ug/l	96
15) Acetone	4.442	58	28047	108.176	ug/l	77
16) Carbon Disulfide	4.724	76	111045	21.237	ug/l #	94
17) Allyl chloride	5.036	41	60646	23.581	ug/l	91
18) Methylene Chloride	5.283	84	47269	21.186	ug/l #	91
19) trans-1,2-Dichloroethene	5.795	96	42756	20.086	ug/l	93
20) Diisopropyl ether	6.683	45	146795	24.629	ug/l #	93
21) 1,1-Dichloroethane	6.577	63	83556	21.850	ug/l	99
22) cis-1,2-Dichloroethene	7.489	96	49212m	22.899	ug/l	
23) tert-Butyl Alcohol	5.536	59	39298	108.207	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	126258	20.428	ug/l	92
25) Chloroform	7.977	83	82652	20.761	ug/l	89
26) Cyclohexane	8.259	56	63808	22.807	ug/l #	98
29) 1,1-Dichloropropene	8.383	75	61681	21.685	ug/l	97
30) 2-Butanone	7.494	43	147386	125.723	ug/l	92
31) 2,2-Dichloropropane	7.494	77	63260	19.927	ug/l	97
32) 1,1,1-Trichloroethane	8.183	97	69151	19.784	ug/l	94
33) Carbon Tetrachloride	8.365	117	62426	19.973	ug/l	97
34) Benzene	8.612	78	182106	21.407	ug/l	95
35) Methacrylonitrile	7.789	41	34461	26.279	ug/l	85
36) 1,2-Dichloroethane	8.677	62	63887	21.497	ug/l	99
37) Trichloroethene	9.359	130	44449	19.029	ug/l	94
38) Methylcyclohexane	9.606	83	59023	20.334	ug/l	95
39) 1,2-Dichloropropane	9.624	63	49101	21.313	ug/l	89
40) Dibromomethane	9.712	93	31583	20.245	ug/l	98
41) Bromodichloromethane	9.894	83	66664	21.236	ug/l	98
42) Vinyl Acetate	6.618	43	469611	124.787	ug/l	95

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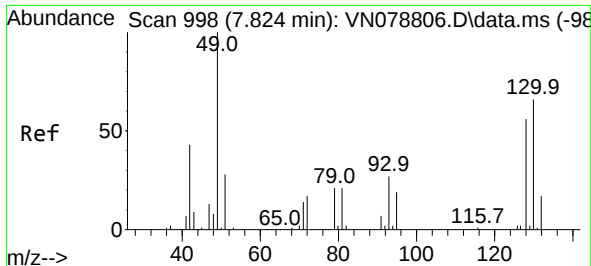
Manual Integrations
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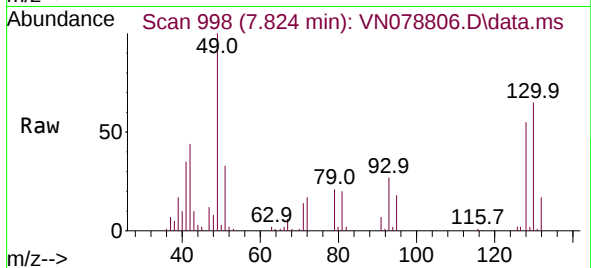
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.577	43	67337m	27.286	ug/l	
44) Isopropyl Acetate	8.694	43	107010	25.258	ug/l #	66
45) 1,4-Dioxane	9.700	88	15982	422.840	ug/l #	80
46) Methyl methacrylate	9.688	41	46397	23.964	ug/l	91
47) n-amyl Acetate	12.500	43	79278	24.305	ug/l	95
48) t-1,3-Dichloropropene	10.841	75	66659	20.289	ug/l	96
49) cis-1,3-Dichloropropene	10.318	75	74589	20.938	ug/l #	90
50) 1,1,2-Trichloroethane	11.024	97	44160	20.349	ug/l	96
51) Ethyl methacrylate	10.883	69	60595	20.289	ug/l #	65
52) 1,3-Dichloropropane	11.171	76	75854	19.226	ug/l	99
53) Dibromochloromethane	11.365	129	44805	18.612	ug/l	97
54) 1,2-Dibromoethane	11.477	107	42686	19.726	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	112133	114.352	ug/l	97
56) Bromoform	12.582	173	28780	17.988	ug/l	97
58) 4-Methyl-2-Pentanone	10.453	43	315458	123.975	ug/l #	91
59) 2-Hexanone	11.200	43	221370	117.699	ug/l	91
61) Tetrachloroethene	11.112	164	36710	17.910	ug/l	96
62) Toluene	10.635	91	192478	20.064	ug/l	100
64) Chlorobenzene	11.900	112	111495	20.010	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.965	131	43056	19.736	ug/l	99
66) Ethyl Benzene	11.971	91	204995	21.081	ug/l	92
67) m/p-Xylenes	12.077	106	146780	39.958	ug/l	99
68) o-Xylene	12.406	106	74229	19.732	ug/l	98
69) Styrene	12.418	104	111990	18.611	ug/l	97
70) Isopropylbenzene	12.700	105	180232	19.479	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	61793	20.305	ug/l	99
72) 1,2,3-Trichloropropane	13.000	75	50933m	20.557	ug/l	
73) Bromobenzene	12.982	156	42693	18.949	ug/l	97
74) n-propylbenzene	13.041	91	204759	19.793	ug/l	99
75) 2-Chlorotoluene	13.129	91	127452	17.924	ug/l	97
76) 1,3,5-Trimethylbenzene	13.176	105	148955	18.013	ug/l	97
77) t-1,4-Dichloro-2-butene	12.741	75	17182	19.427	ug/l	78
78) 4-Chlorotoluene	13.229	91	119075	17.569	ug/l	97
79) tert-butylbenzene	13.441	119	123189	17.385	ug/l	98
80) 1,2,4-Trimethylbenzene	13.488	105	140130	17.861	ug/l	99
81) sec-Butylbenzene	13.624	105	164005	17.886	ug/l	100
82) p-Isopropyltoluene	13.735	119	127838	17.289	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	69911	17.601	ug/l	99
84) 1,4-Dichlorobenzene	13.818	146	65844	17.671	ug/l	99
85) n-Butylbenzene	14.059	91	92573	17.978	ug/l	98
86) Hexachloroethane	14.341	117	26063	19.046	ug/l	90
87) 1,2-Dichlorobenzene	14.112	146	68778	18.383	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.723	75	8617	17.075	ug/l	98
89) 1,2,4-Trichlorobenzene	15.400	180	19027	17.981	ug/l	97
90) Hexachlorobutadiene	15.506	225	14045	17.647	ug/l	95
91) Naphthalene	15.647	128	58324	18.200	ug/l	97
92) 1,2,3-Trichlorobenzene	15.847	180	22358	18.530	ug/l	84

(#) = 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: VN078806.D
Acq: 08 Aug 2023 18:40

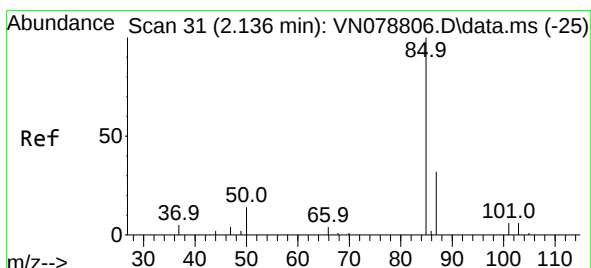
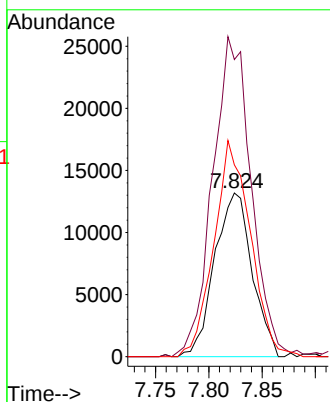
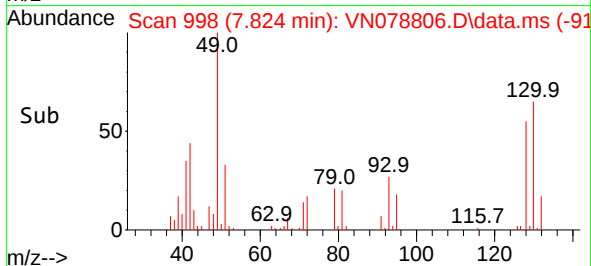
Instrument :
MSVOA_N
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VSTDICCC020



Tgt Ion:128 Resp: 3224
Ion Ratio Lower Upper
128 100
49 201.5 0.0 370.8
130 128.7 0.0 307.0

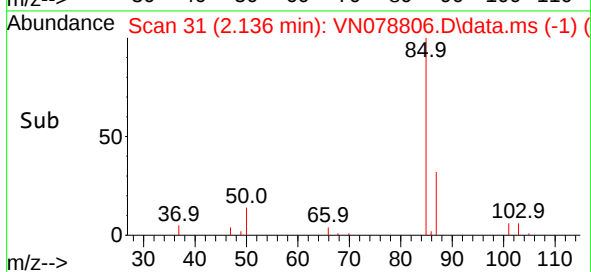
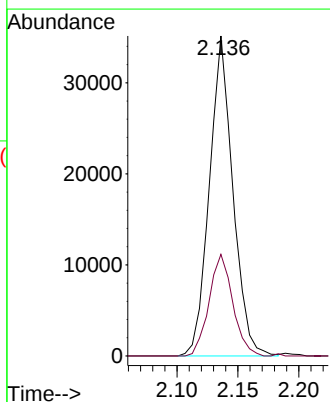
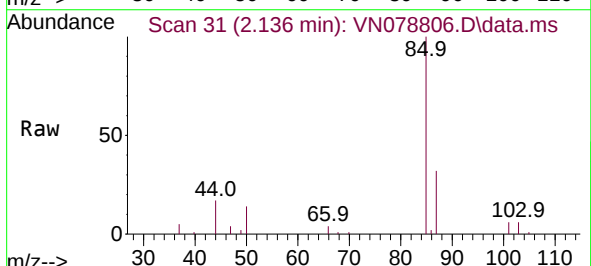
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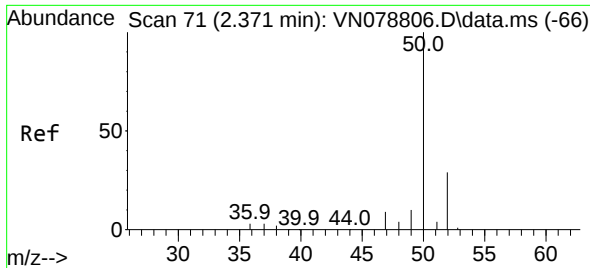
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#2
Dichlorodifluoromethane
Concen: 22.009 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Tgt Ion: 85 Resp: 47191
Ion Ratio Lower Upper
85 100
87 31.7 16.4 49.4





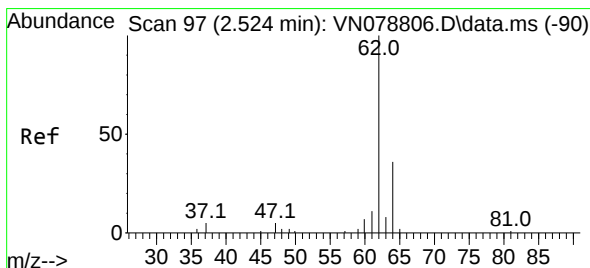
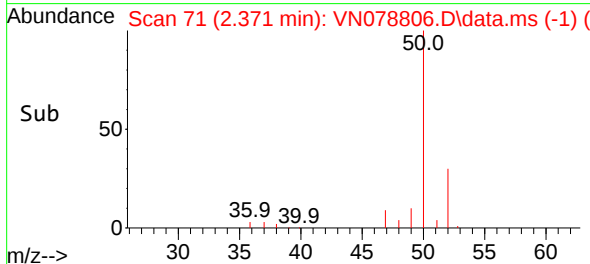
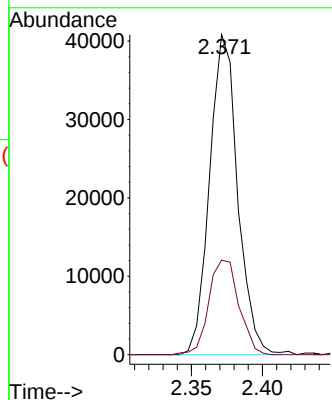
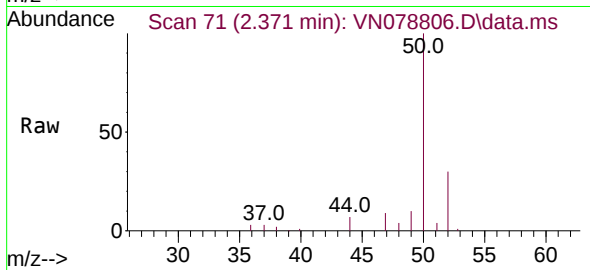
#3
Chloromethane
Concen: 21.899 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Instrument :
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VSTDICCC020

Tgt Ion: 50 Resp: 5604
Ion Ratio Lower Upper
50 100
52 29.5 24.6 36.8

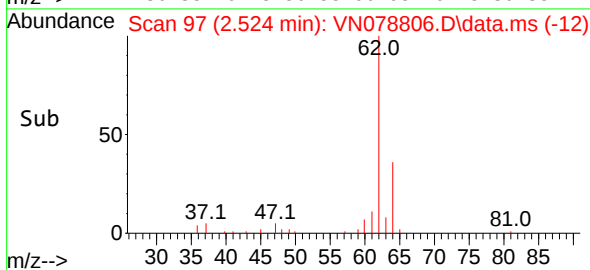
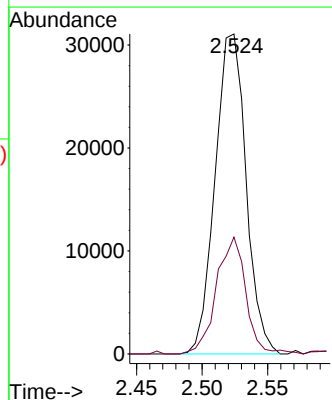
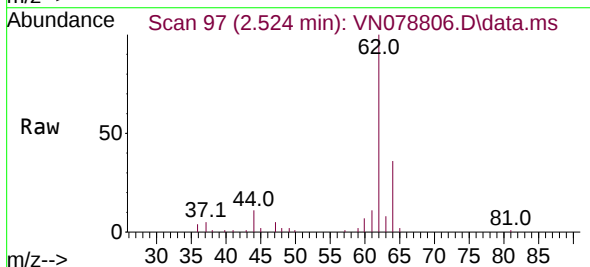
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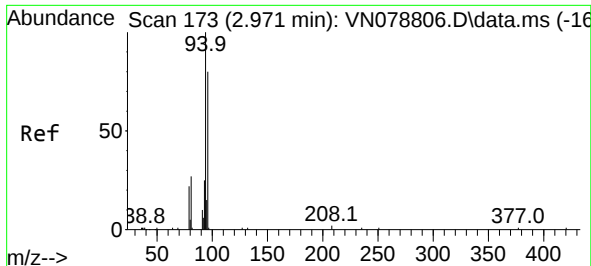
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#4
Vinyl Chloride
Concen: 15.601 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Tgt Ion: 62 Resp: 51065
Ion Ratio Lower Upper
62 100
64 36.5 23.3 34.9#





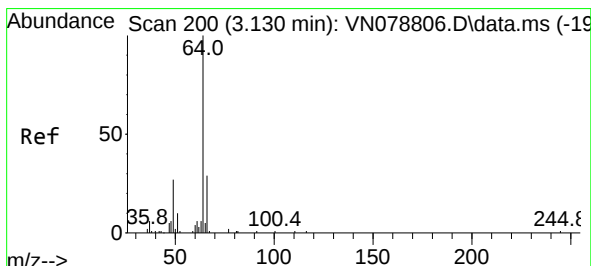
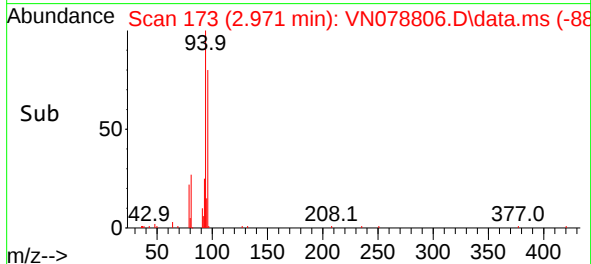
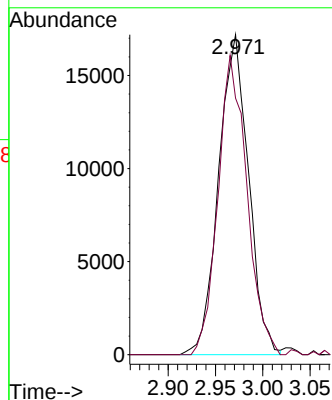
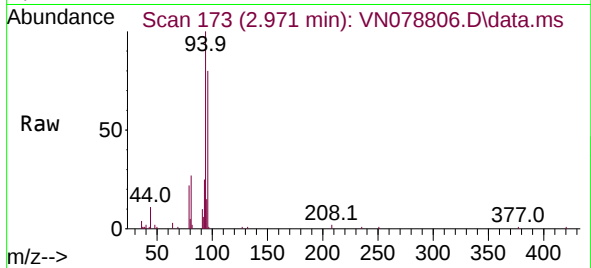
#5
Bromomethane
Concen: 15.369 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 3774
Ion Ratio Lower Upper
94 100
96 80.1 73.9 110.9

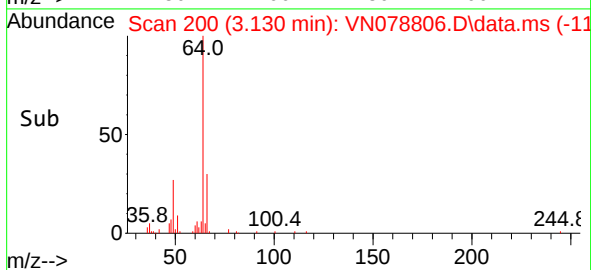
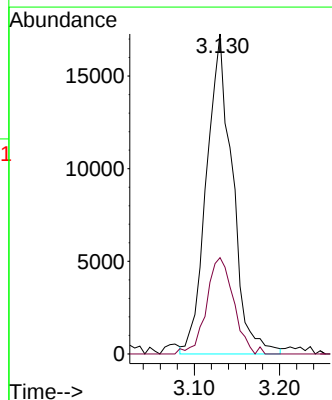
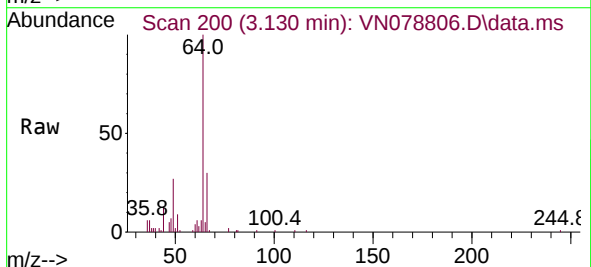
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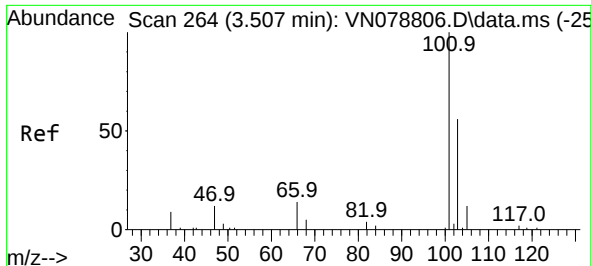
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#6
Chloroethane
Concen: 16.703 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Tgt Ion: 64 Resp: 36553
Ion Ratio Lower Upper
64 100
66 30.6 25.7 38.5





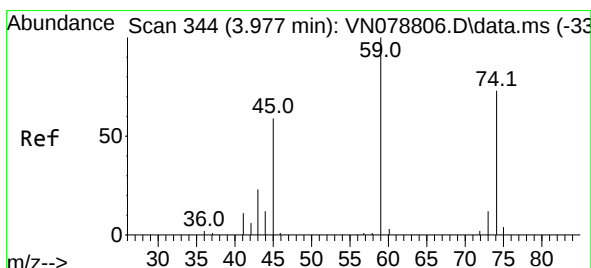
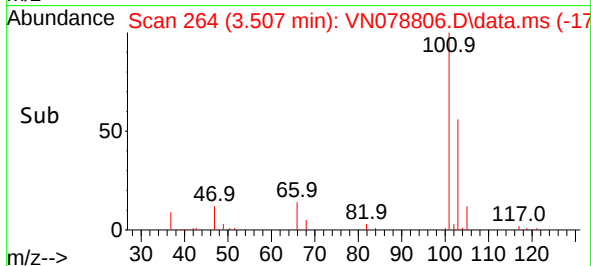
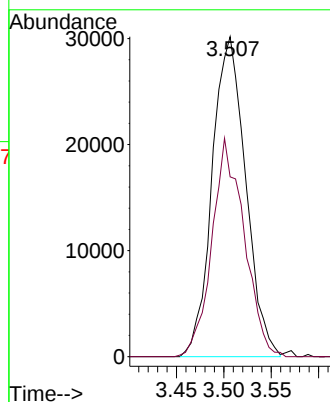
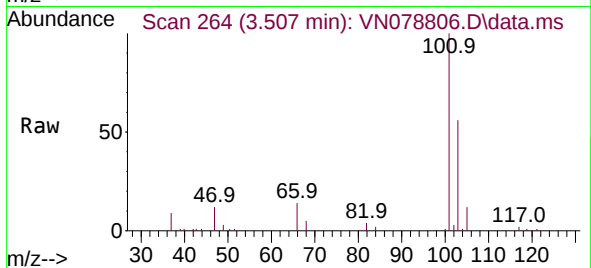
#7
Trichlorofluoromethane
Concen: 20.729 ug/l
RT: 3.507 min Scan# 264
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Instrument :
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Tgt Ion:101 Resp: 7420
Ion Ratio Lower Upper
101 100
103 55.7 50.4 75.6

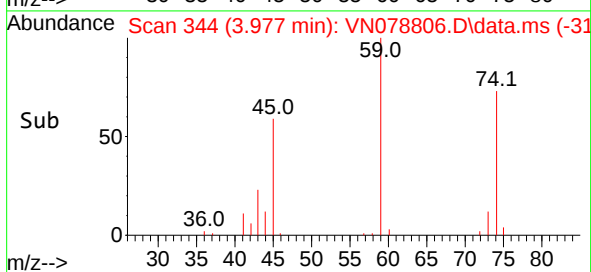
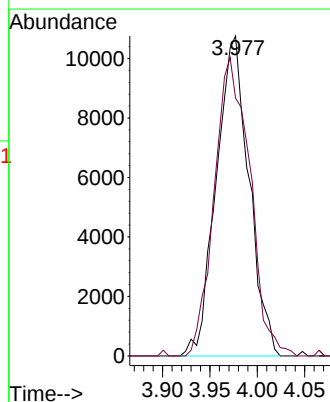
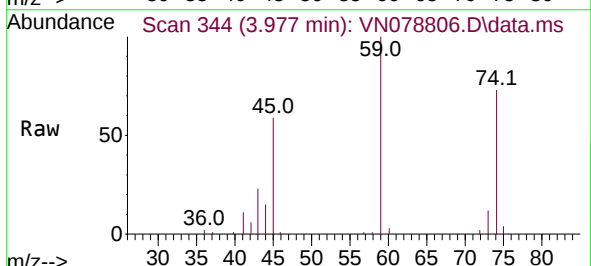
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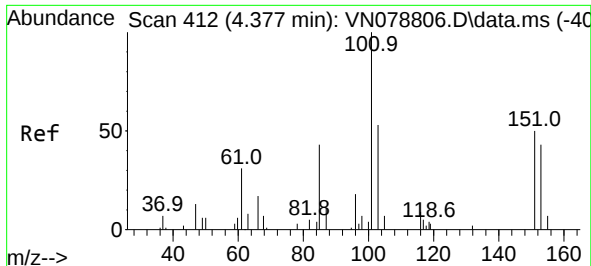
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#8
Diethyl Ether
Concen: 21.662 ug/l
RT: 3.977 min Scan# 344
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Tgt Ion: 74 Resp: 25763
Ion Ratio Lower Upper
74 100
45 101.8 16.3 146.5





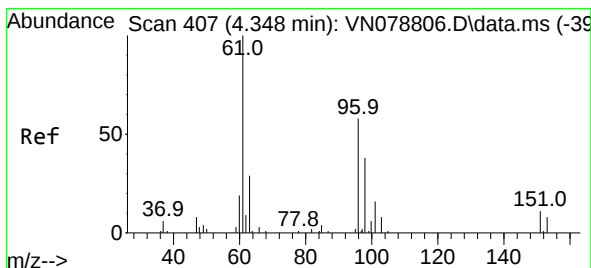
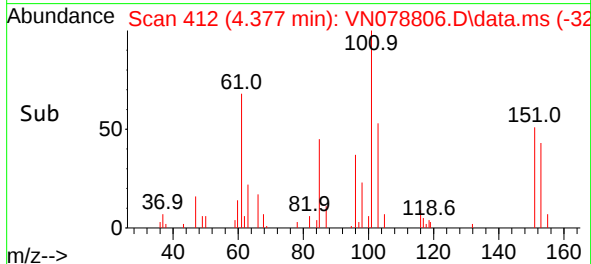
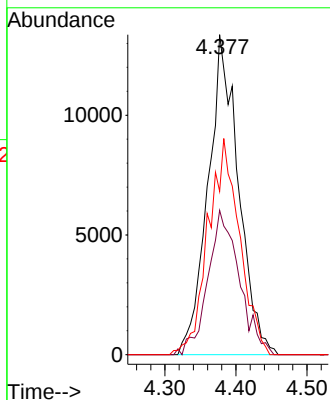
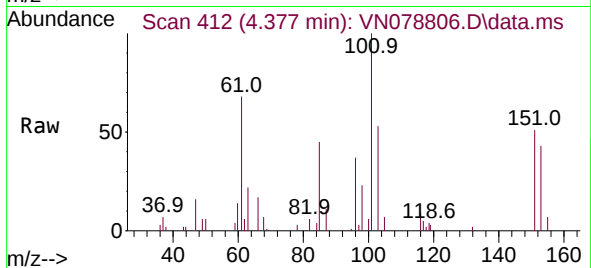
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.541 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN078806.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 3979
Ion Ratio Lower Upper
101 100
85 35.5 0.0 89.2
151 69.6 0.0 148.8

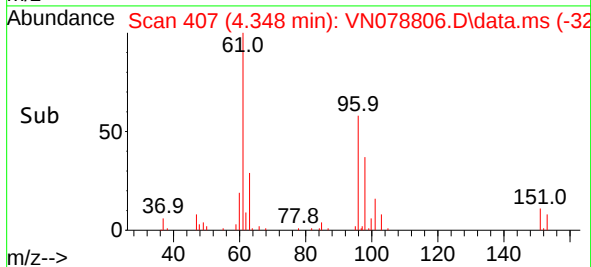
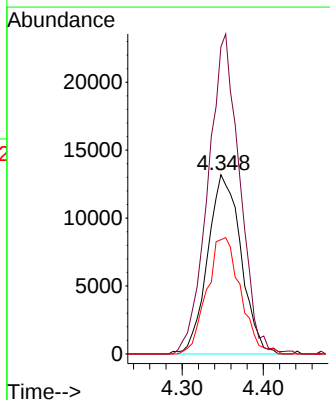
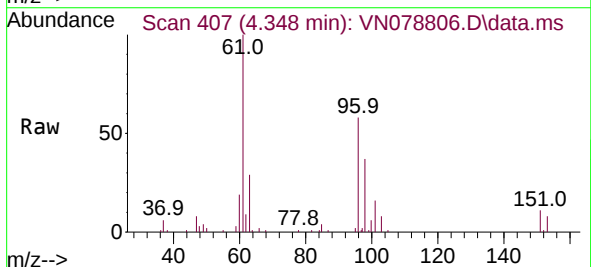
Manual Integrations
APPROVED

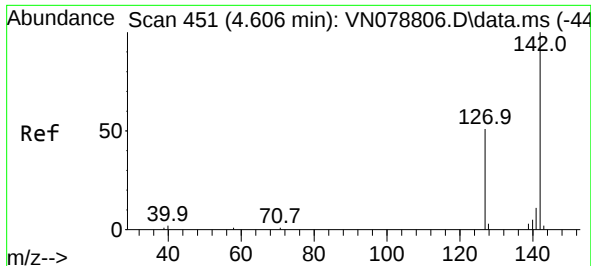
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#10
1,1-Dichloroethene
Concen: 20.464 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

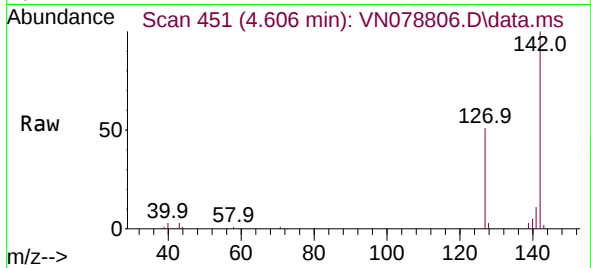
Tgt Ion: 96 Resp: 37546
Ion Ratio Lower Upper
96 100
61 170.0 123.4 185.2
98 63.8 53.7 80.5





#11
Methyl Iodide
Concen: 19.608 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

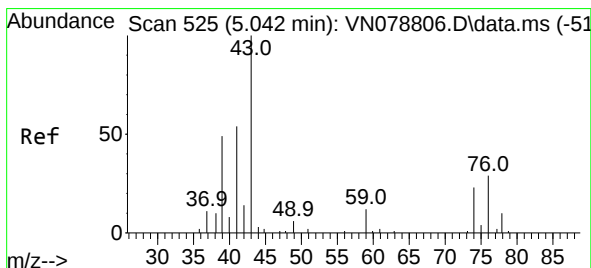
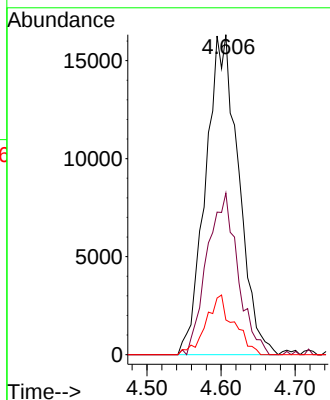
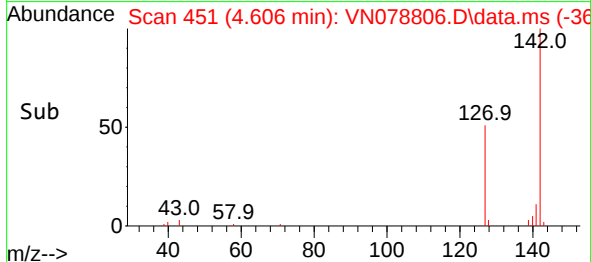
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 5047
Ion Ratio Lower Upper
142 100
127 50.5 23.2 69.5
141 10.8 7.2 21.7

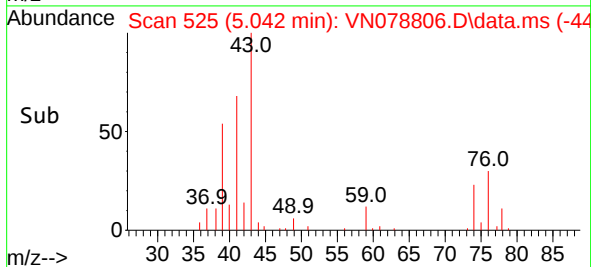
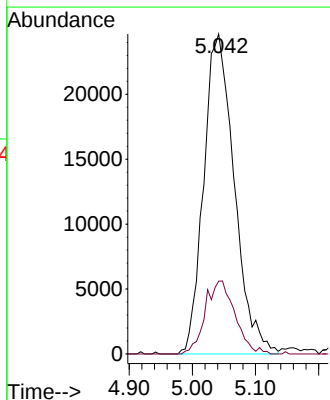
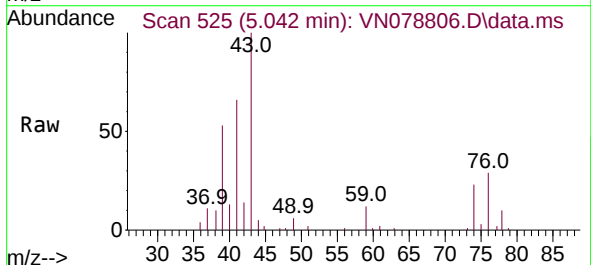
Manual Integrations
APPROVED

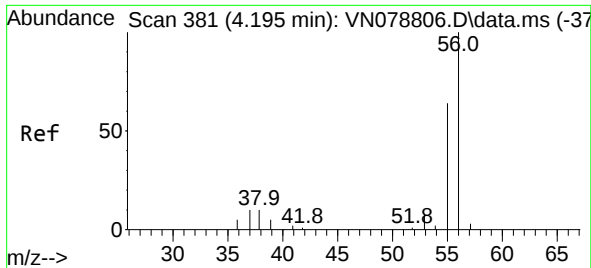
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#12
Methyl Acetate
Concen: 25.806 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

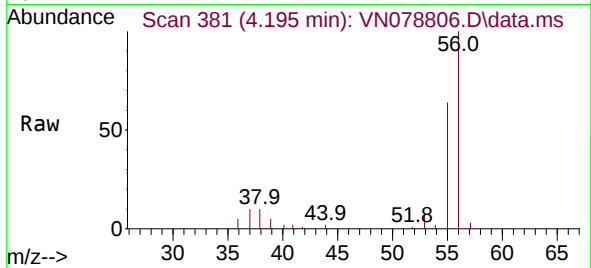
Tgt Ion: 43 Resp: 82925
Ion Ratio Lower Upper
43 100
74 22.8 20.5 30.7





#13
Acrolein
Concen: 120.806 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

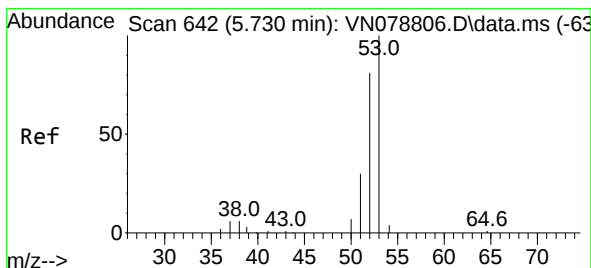
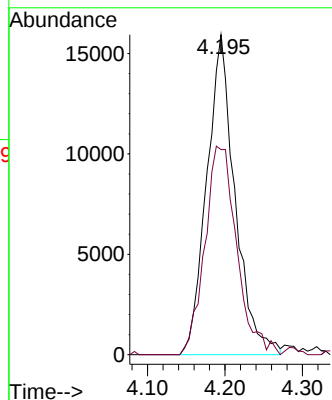
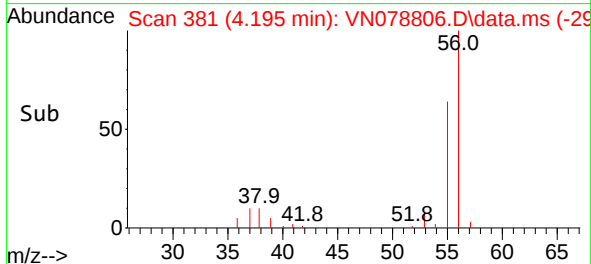
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



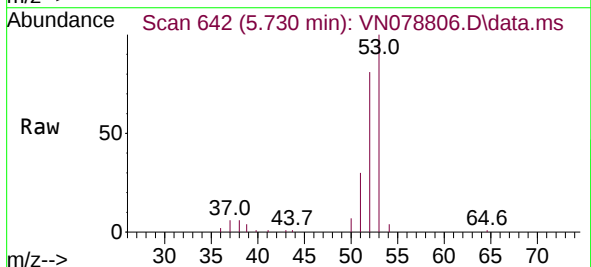
Tgt Ion: 56 Resp: 40428
Ion Ratio Lower Upper
56 100
55 70.5 59.0 88.4

Manual Integrations
APPROVED

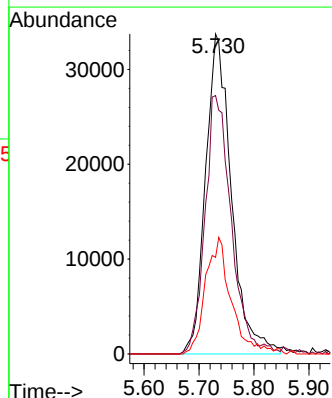
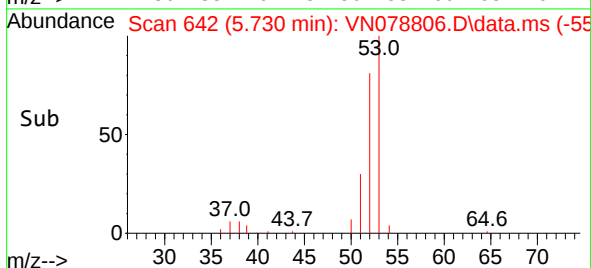
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

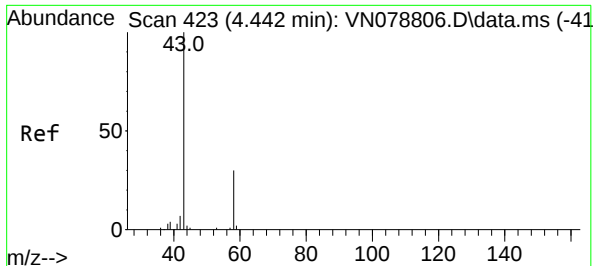


#14
Acrylonitrile
Concen: 119.944 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40



Tgt Ion: 53 Resp: 110203
Ion Ratio Lower Upper
53 100
52 80.5 42.3 126.9
51 35.2 18.4 55.4





#15

Acetone

Concen: 108.176 ug/l

RT: 4.442 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN078806.D

Acq: 08 Aug 2023 18:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 58 Resp: 2804

Ion Ratio Lower Upper

58 100

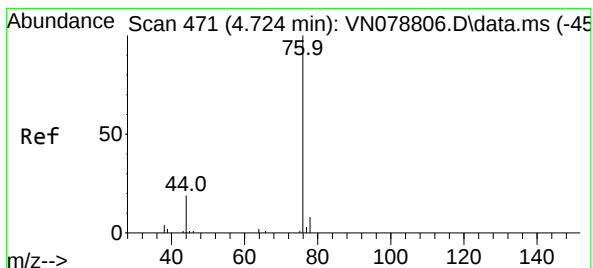
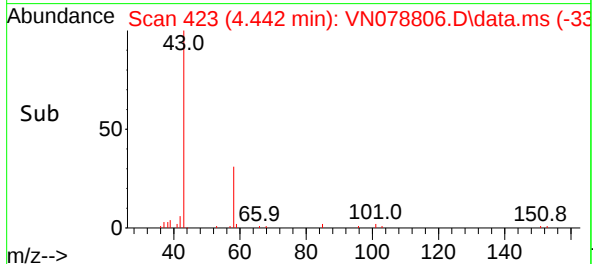
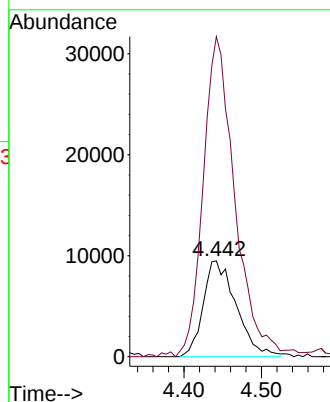
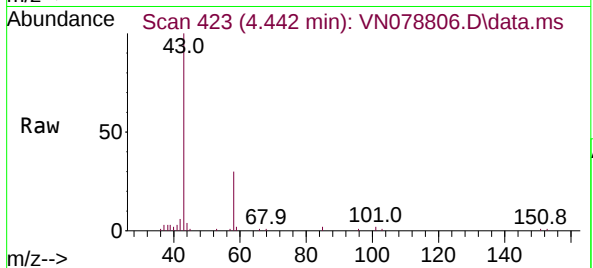
43 328.0 227.5 341.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#16

Carbon Disulfide

Concen: 21.237 ug/l

RT: 4.724 min Scan# 471

Delta R.T. 0.000 min

Lab File: VN078806.D

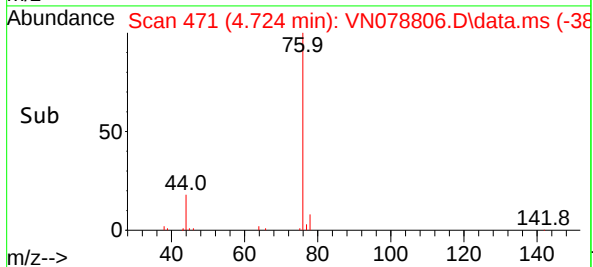
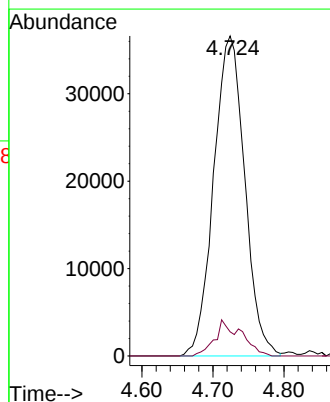
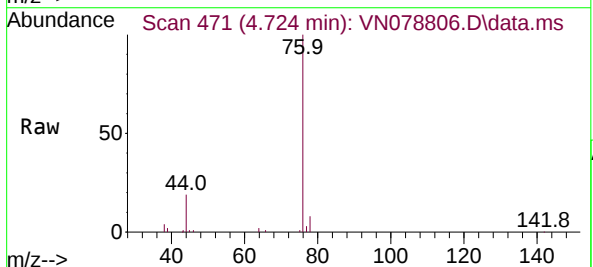
Acq: 08 Aug 2023 18:40

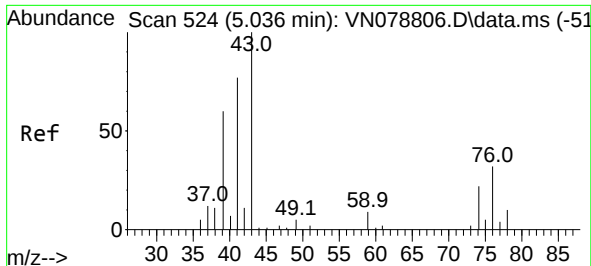
Tgt Ion: 76 Resp: 111045

Ion Ratio Lower Upper

76 100

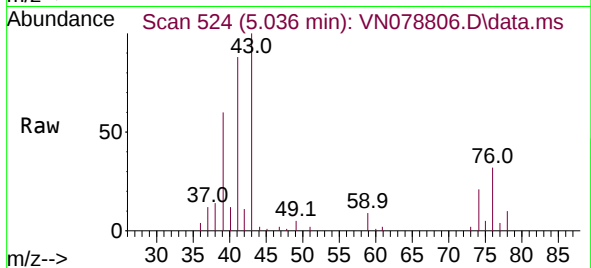
78 7.5 7.7 11.5#





#17
 Allyl chloride
 Concen: 23.581 ug/l
 RT: 5.036 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN078806.D
 Acq: 08 Aug 2023 18:40

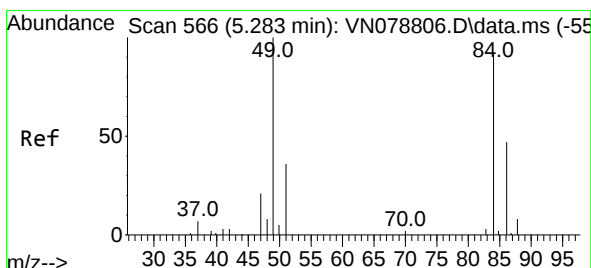
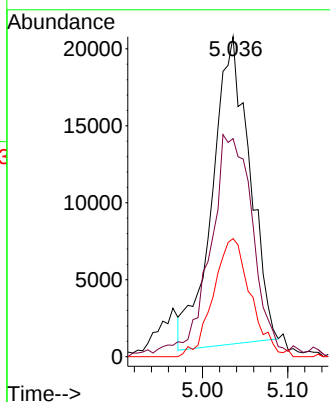
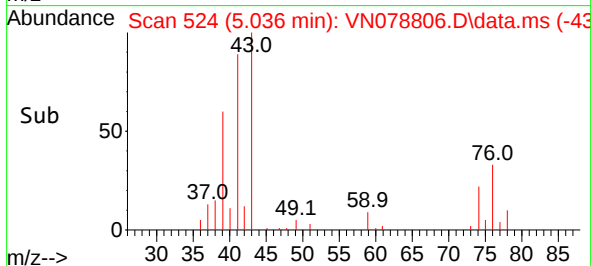
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 41 Resp: 60640
 Ion Ratio Lower Upper
 41 100
 39 68.9 37.6 112.8
 76 39.1 23.8 71.4

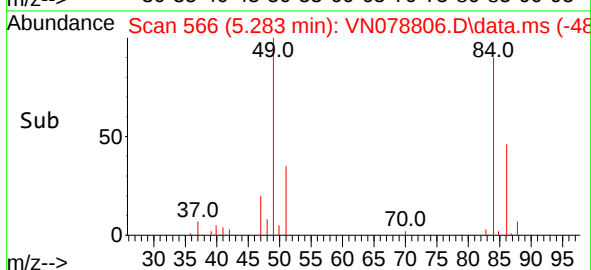
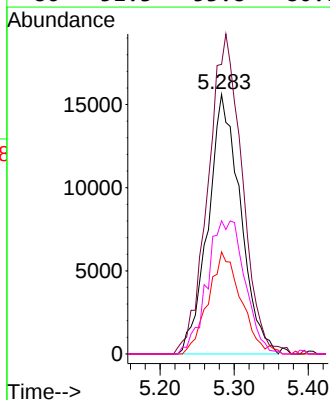
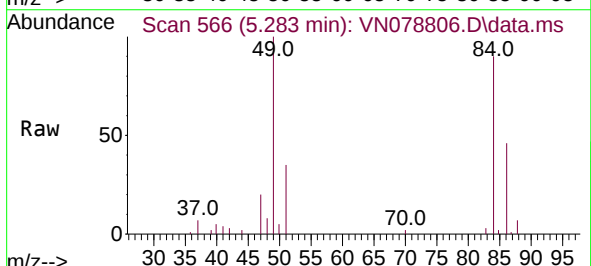
Manual Integrations
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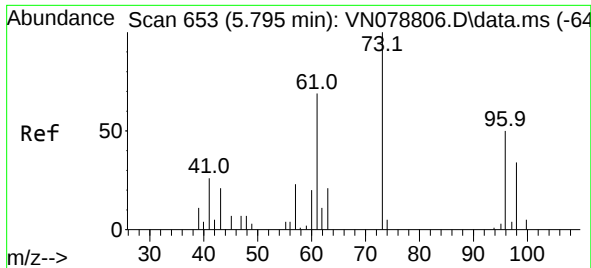
Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023



#18
 Methylene Chloride
 Concen: 21.186 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: VN078806.D
 Acq: 08 Aug 2023 18:40

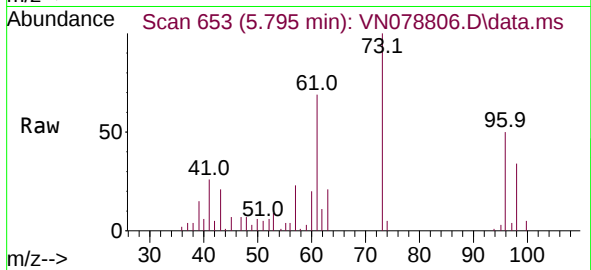
Tgt Ion: 84 Resp: 47269
 Ion Ratio Lower Upper
 84 100
 49 109.1 88.1 132.1
 51 39.4 24.0 36.0#
 86 51.3 53.8 80.8#





#19
trans-1,2-Dichloroethene
Concen: 20.086 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

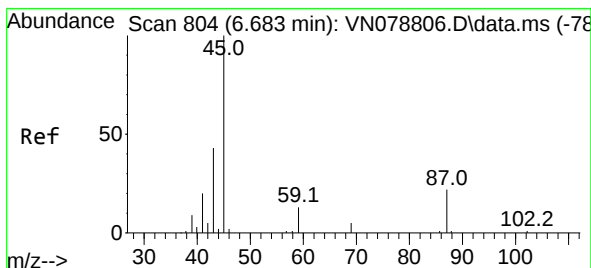
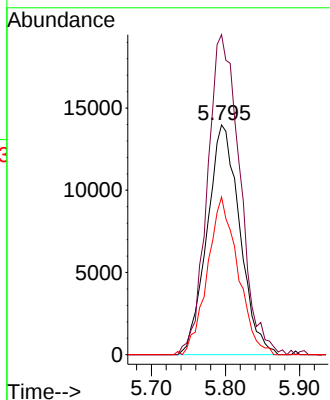
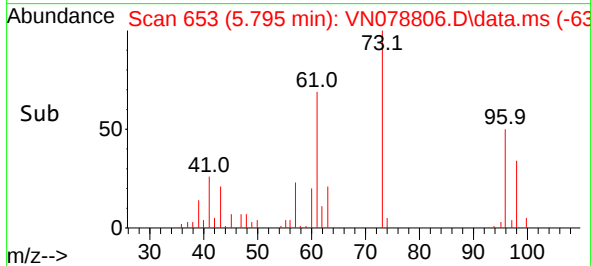
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 96 Resp: 42750
Ion Ratio Lower Upper
96 100
61 139.2 105.2 157.8
98 68.5 50.5 75.7

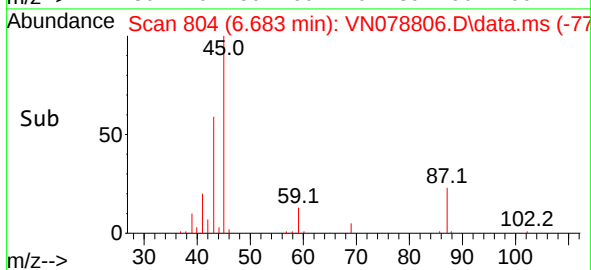
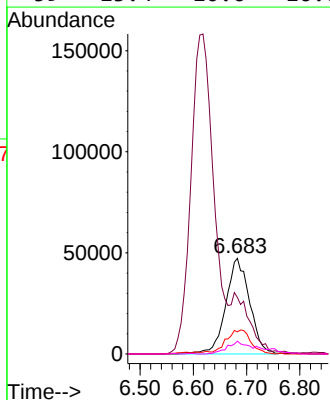
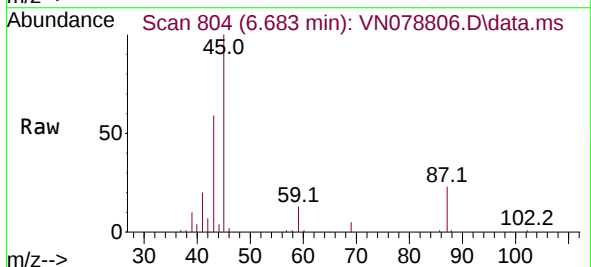
Manual Integrations
APPROVED

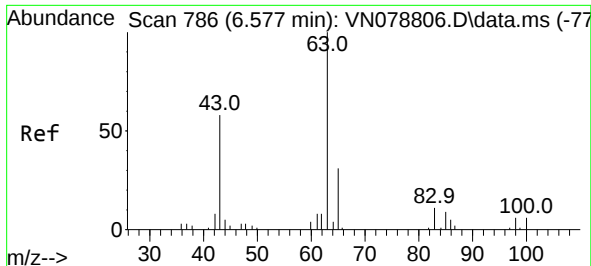
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#20
Diisopropyl ether
Concen: 24.629 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Tgt Ion: 45 Resp: 146795
Ion Ratio Lower Upper
45 100
43 56.4 43.6 65.4
87 22.8 25.8 38.6#
59 13.4 10.6 16.0





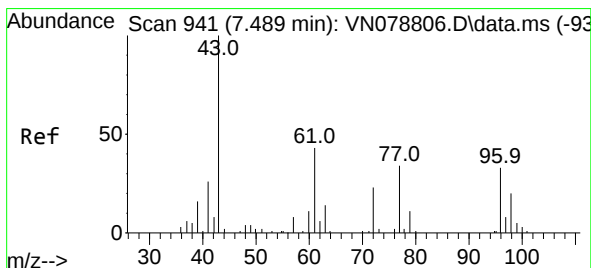
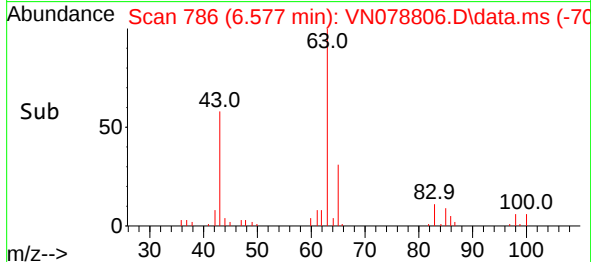
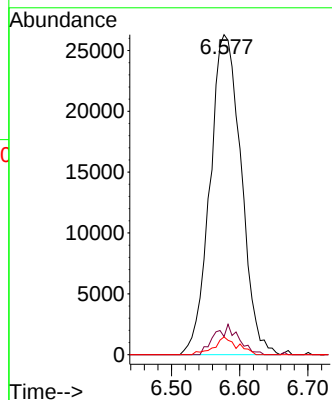
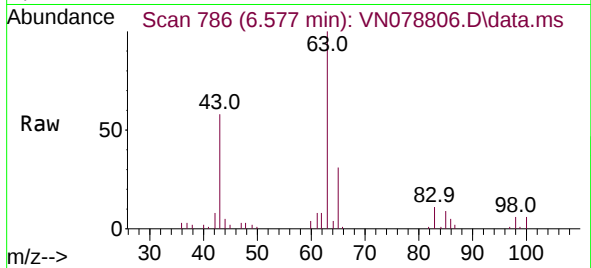
#21
1,1-Dichloroethane
Concen: 21.850 ug/l
RT: 6.577 min Scan# 786
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 83550
Ion Ratio Lower Upper
63 100
98 5.6 2.7 8.1
100 5.6 2.5 7.4

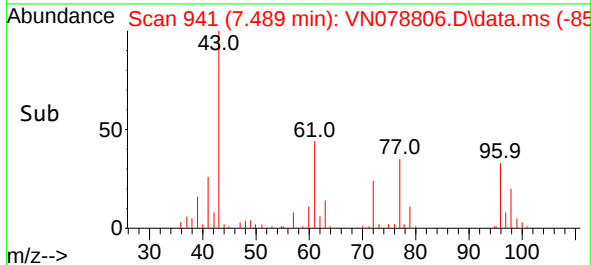
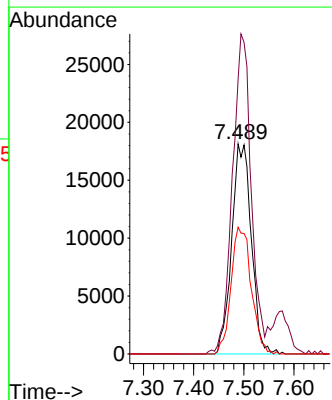
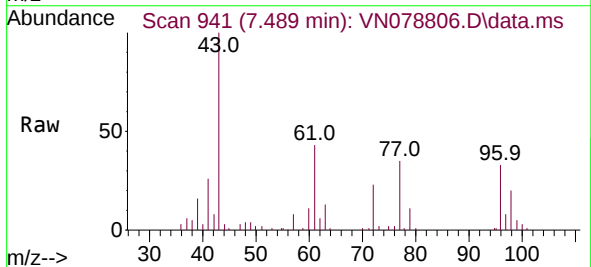
Manual Integrations
APPROVED

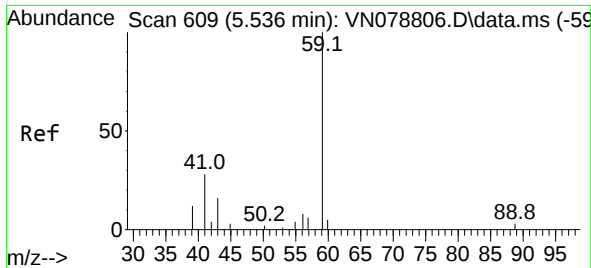
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#22
cis-1,2-Dichloroethene
Concen: 22.899 ug/l m
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Tgt Ion: 96 Resp: 49212
Ion Ratio Lower Upper
96 100
61 144.6 113.8 170.6
98 41.3 52.2 78.4#





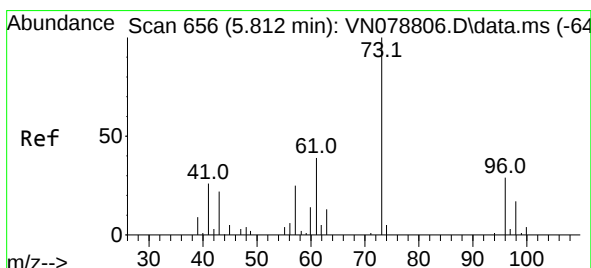
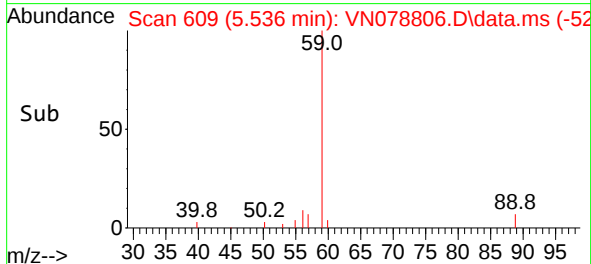
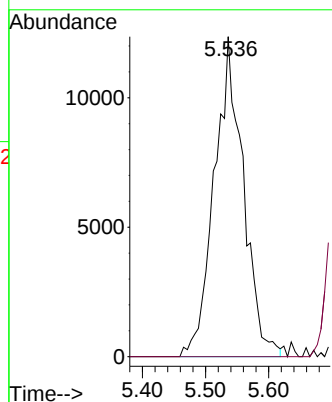
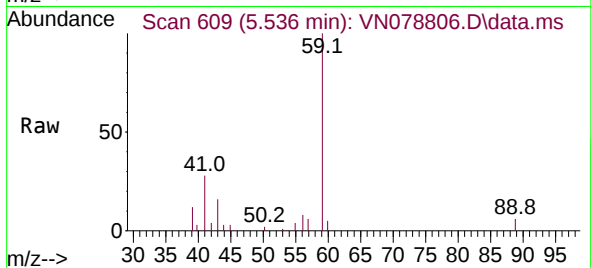
#23
tert-Butyl Alcohol
Concen: 108.207 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 59 Resp: 39298
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

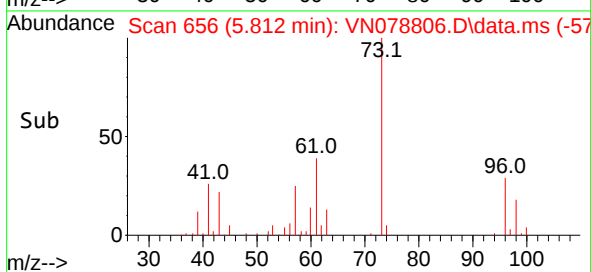
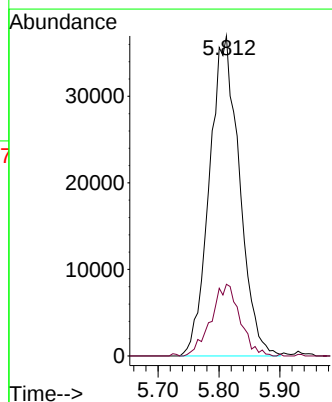
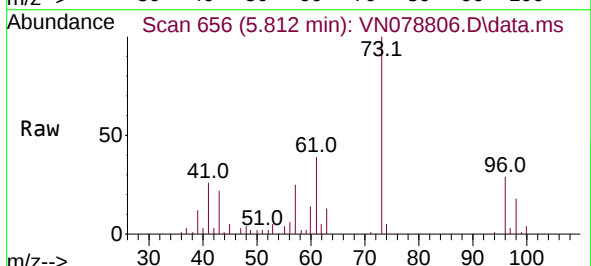
Manual Integrations
APPROVED

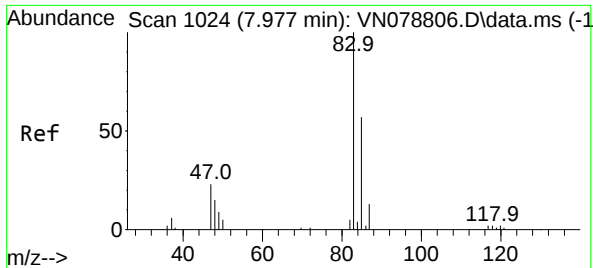
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#24
Methyl tert-Butyl Ether
Concen: 20.428 ug/l
RT: 5.812 min Scan# 656
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Tgt Ion: 73 Resp: 126258
Ion Ratio Lower Upper
73 100
43 21.6 14.5 21.7





#25

Chloroform

Concen: 20.761 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VN078806.D

Acq: 08 Aug 2023 18:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 83 Resp: 82652

Ion Ratio Lower Upper

83 100

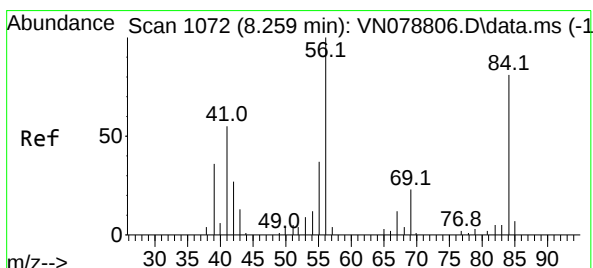
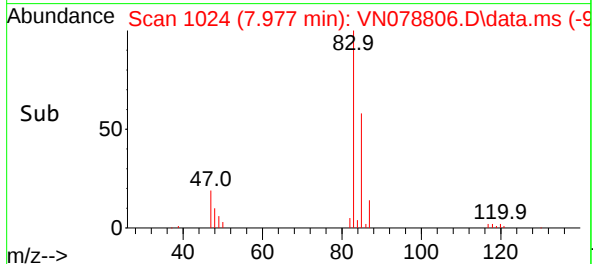
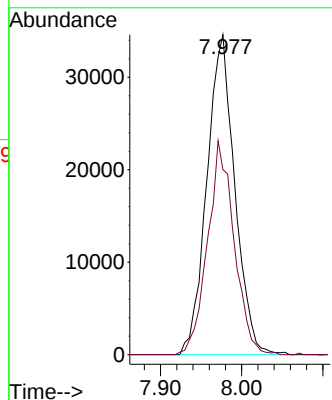
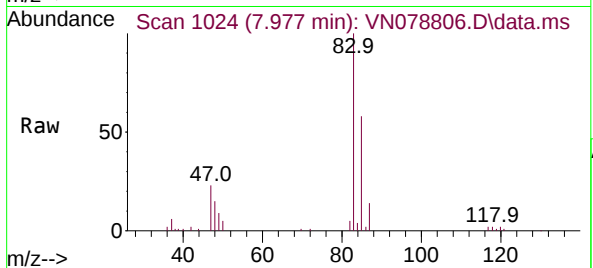
85 57.9 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#26

Cyclohexane

Concen: 22.807 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN078806.D

Acq: 08 Aug 2023 18:40

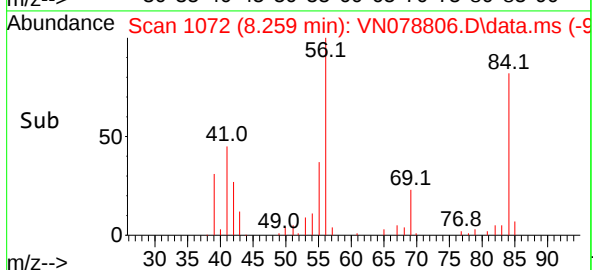
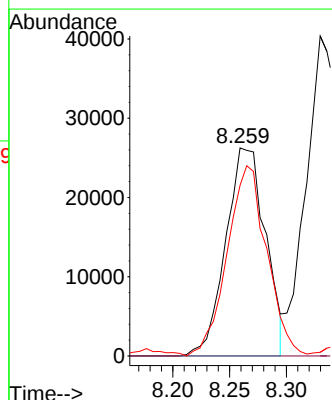
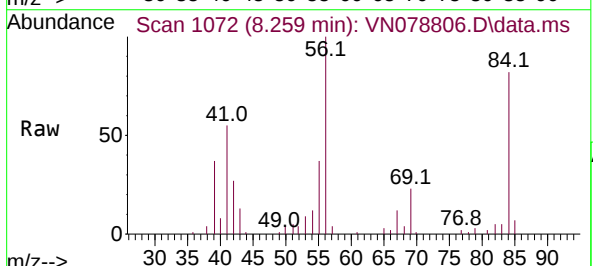
Tgt Ion: 56 Resp: 63808

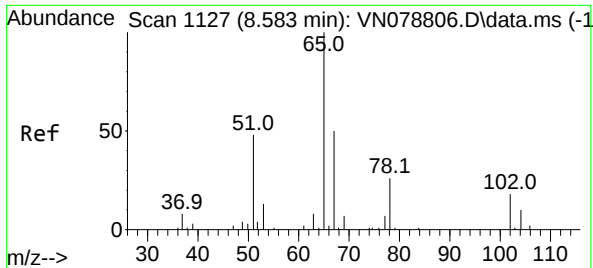
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.2 74.2 111.4





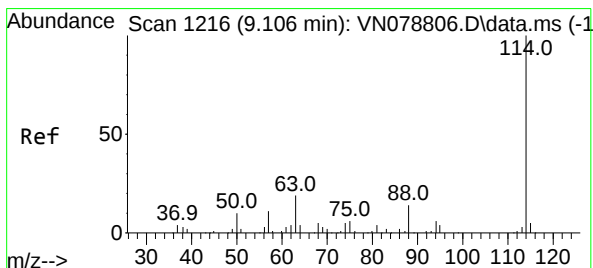
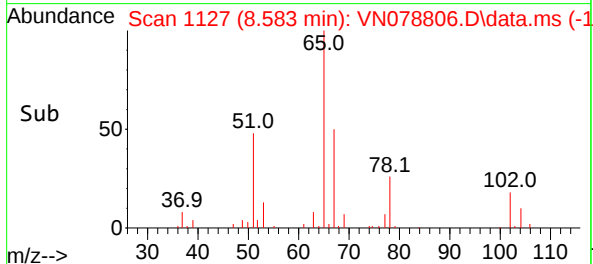
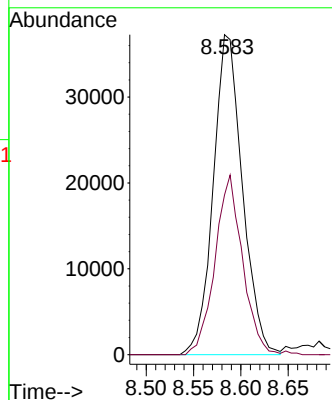
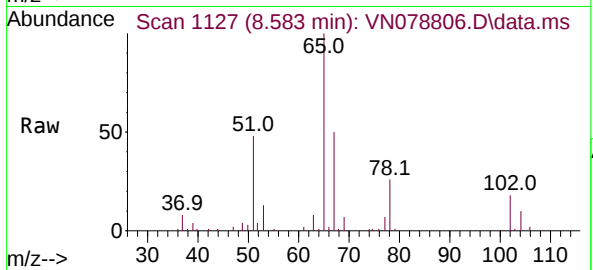
#27
1,2-Dichloroethane-d4
Concen: 32.252 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 65 Resp: 7988
Ion Ratio Lower Upper
65 100
67 52.9 42.9 64.3

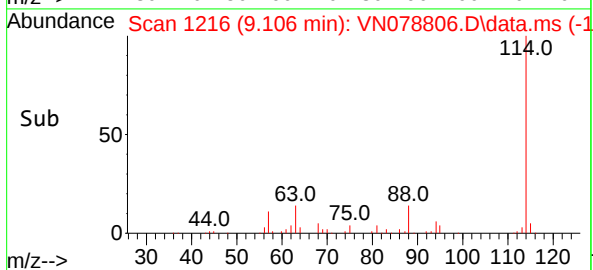
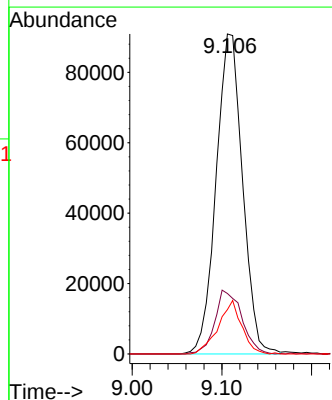
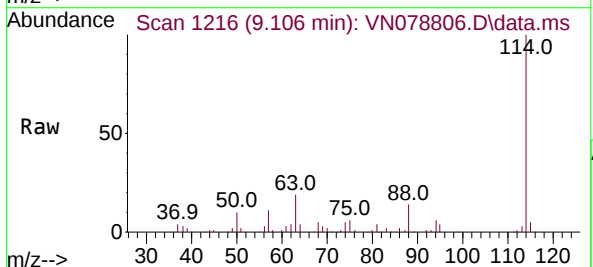
Manual Integrations
APPROVED

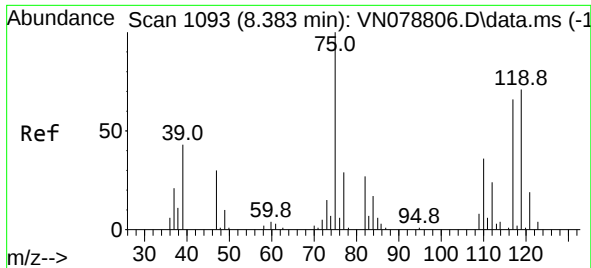
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Tgt Ion:114 Resp: 185975
Ion Ratio Lower Upper
114 100
63 20.4 15.2 22.8
88 14.8 12.5 18.7





#29

1,1-Dichloropropene

Concen: 21.685 ug/l

RT: 8.383 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VN078806.D

Acq: 08 Aug 2023 18:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 6168

Ion Ratio Lower Upper

75 100

110 34.8 0.0 72.2

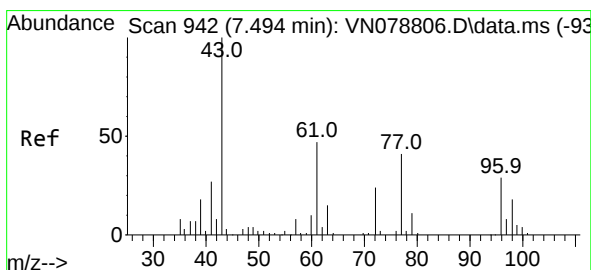
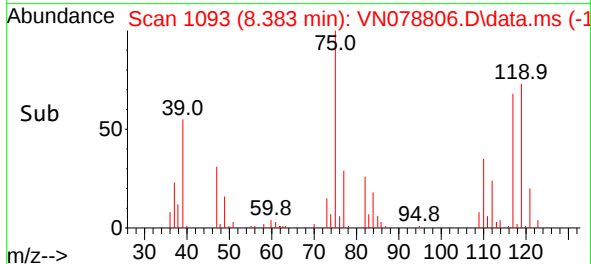
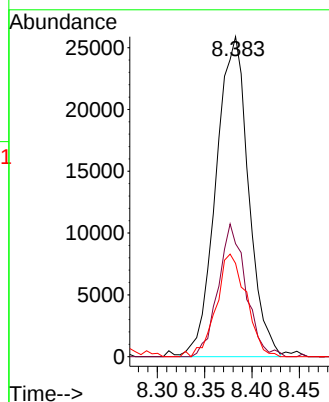
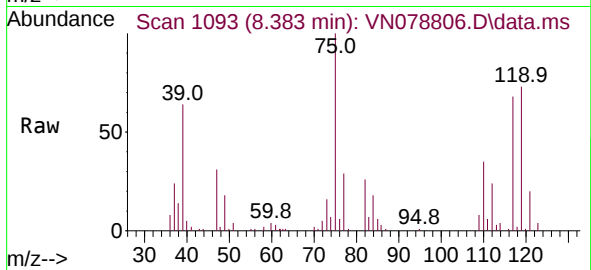
77 29.4 0.0 62.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#30

2-Butanone

Concen: 125.723 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078806.D

Acq: 08 Aug 2023 18:40

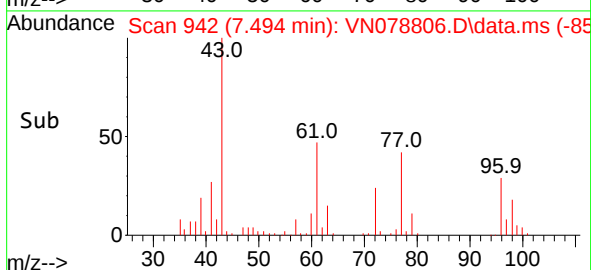
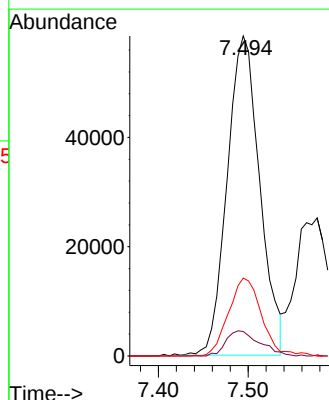
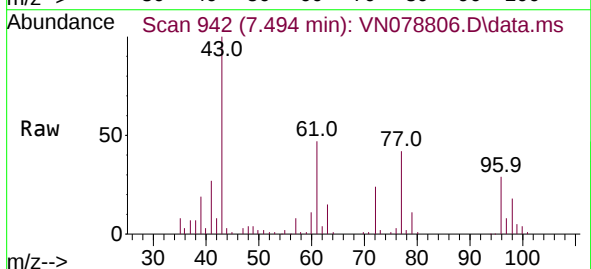
Tgt Ion: 43 Resp: 147386

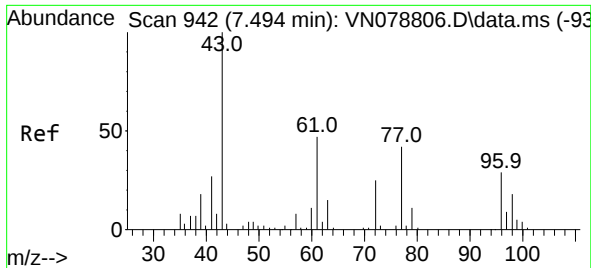
Ion Ratio Lower Upper

43 100

57 8.1 6.8 10.2

72 24.2 23.8 35.6





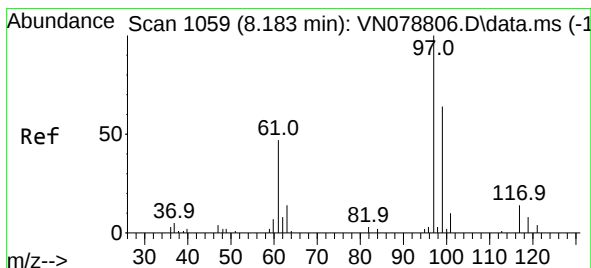
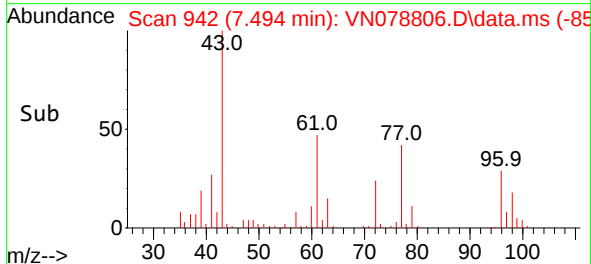
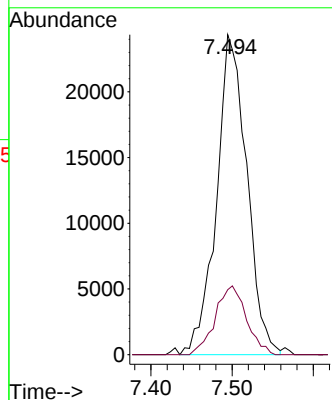
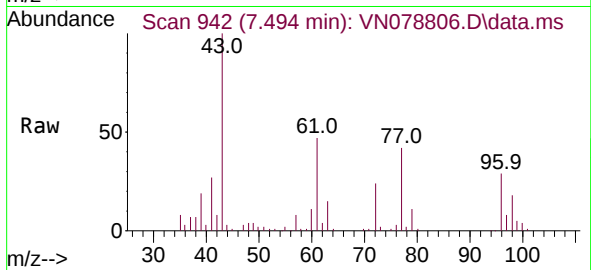
#31
2,2-Dichloropropane
Concen: 19.927 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 63260
Ion Ratio Lower Upper
77 100
97 22.1 18.8 28.2

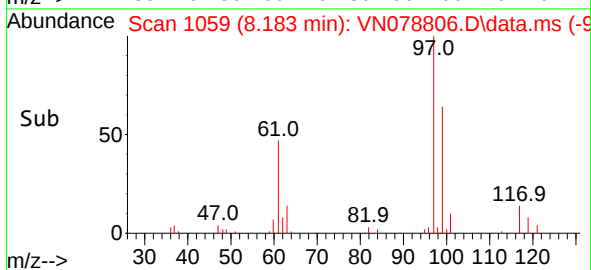
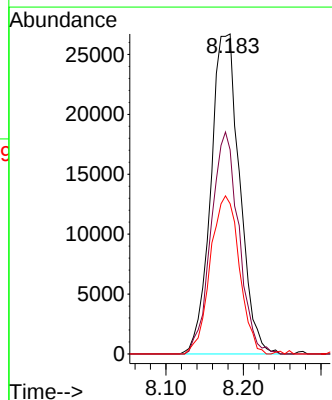
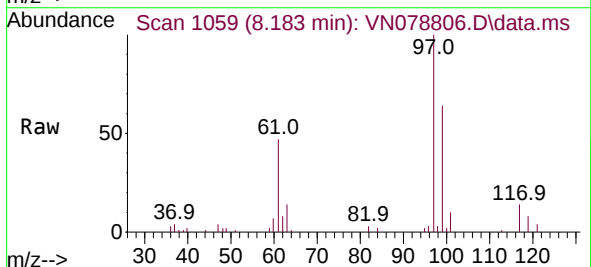
Manual Integrations
APPROVED

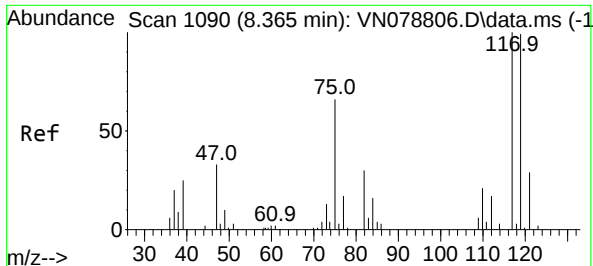
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#32
1,1,1-Trichloroethane
Concen: 19.784 ug/l
RT: 8.183 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

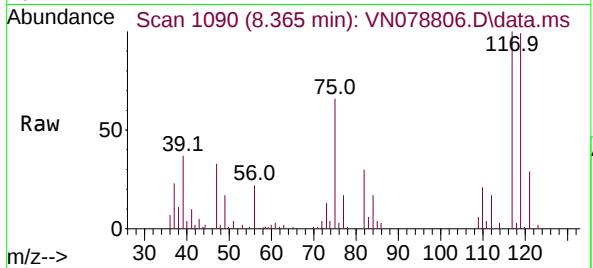
Tgt Ion: 97 Resp: 69151
Ion Ratio Lower Upper
97 100
99 66.4 51.3 76.9
61 49.7 34.6 52.0





#33
Carbon Tetrachloride
Concen: 19.973 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

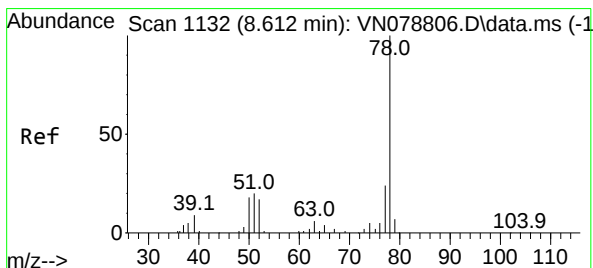
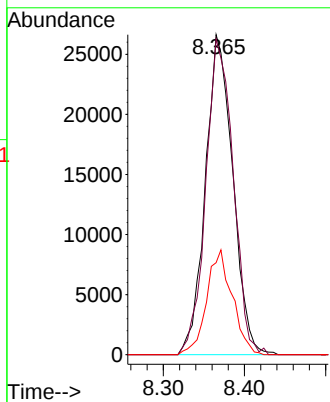
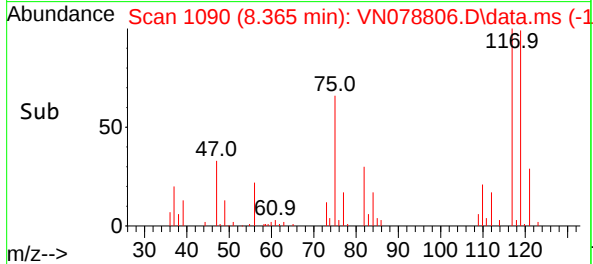
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



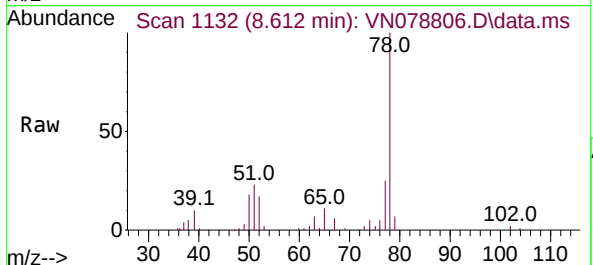
Tgt Ion:117 Resp: 62420
Ion Ratio Lower Upper
117 100
119 98.6 81.4 122.0
121 28.8 23.6 35.4

Manual Integrations
APPROVED

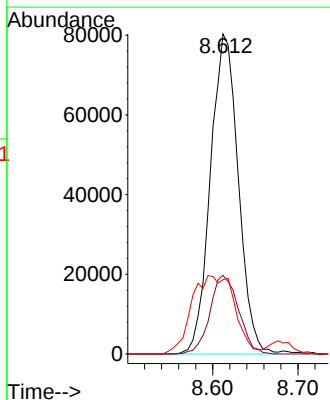
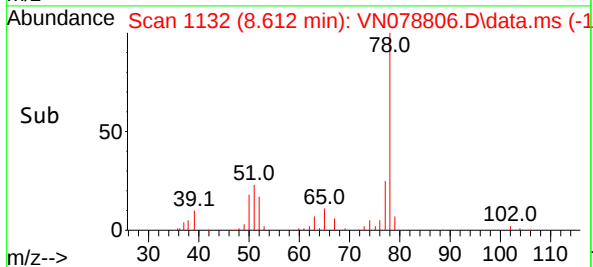
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

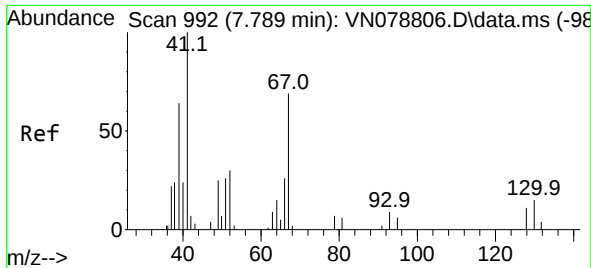


#34
Benzene
Concen: 21.407 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40



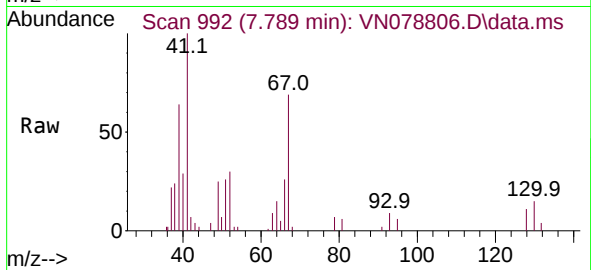
Tgt Ion: 78 Resp: 182106
Ion Ratio Lower Upper
78 100
77 24.6 18.3 27.5
51 19.9 13.7 20.5





#35
Methacrylonitrile
Concen: 26.279 ug/l
RT: 7.789 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

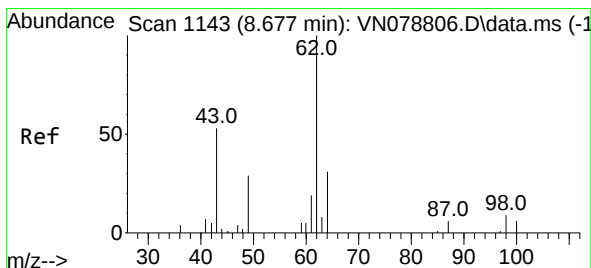
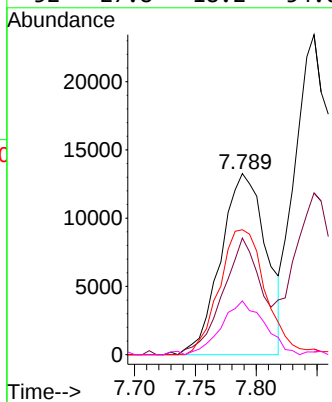
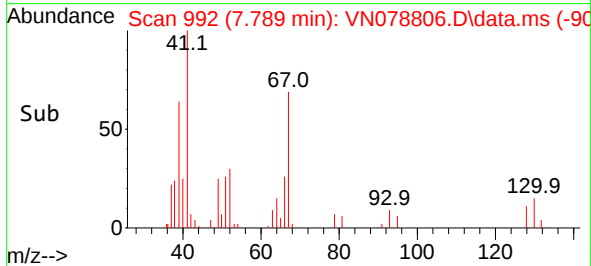
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



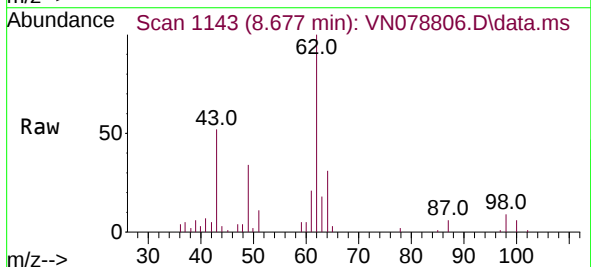
Tgt Ion: 41 Resp: 3446
Ion Ratio Lower Upper
41 100
39 64.4 33.9 101.6
67 69.0 45.9 137.6
52 27.8 18.2 54.6

Manual Integrations
APPROVED

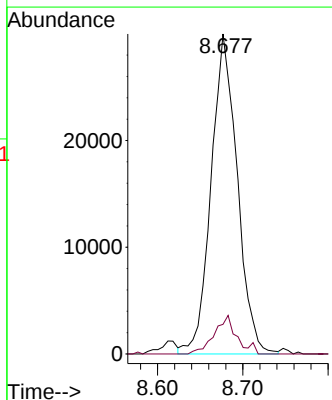
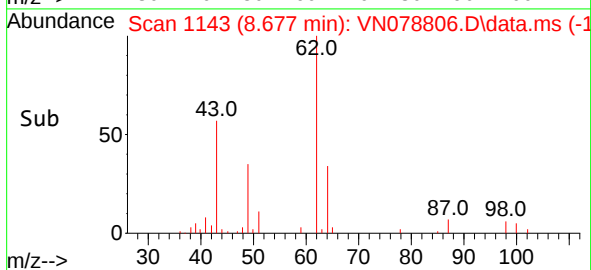
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

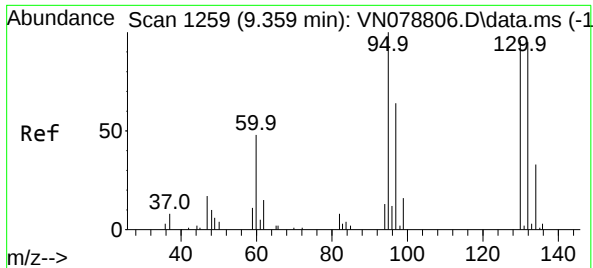


#36
1,2-Dichloroethane
Concen: 21.497 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40



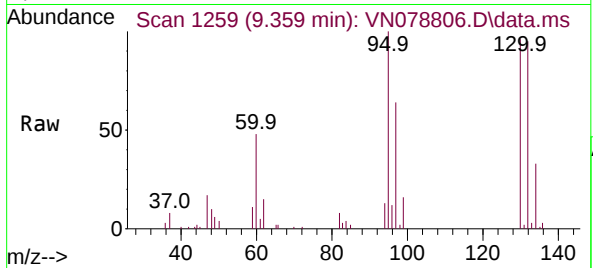
Tgt Ion: 62 Resp: 63887
Ion Ratio Lower Upper
62 100
98 9.7 7.4 11.0





#37
Trichloroethene
Concen: 19.029 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

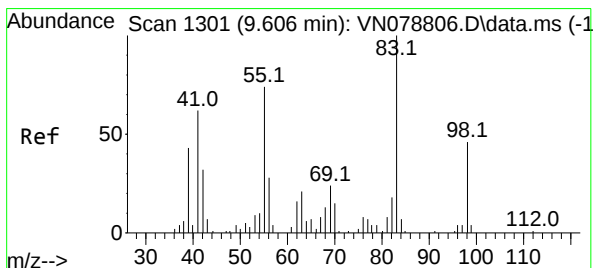
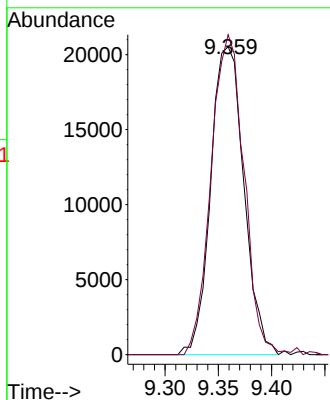
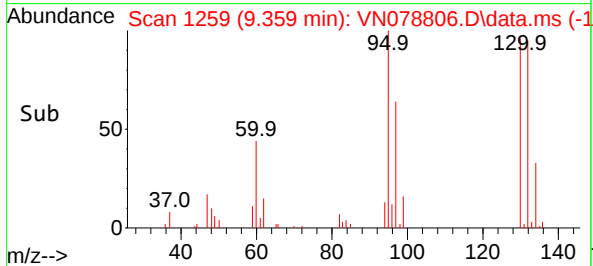
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:130 Resp: 44449
Ion Ratio Lower Upper
130 100
95 103.9 78.2 117.4

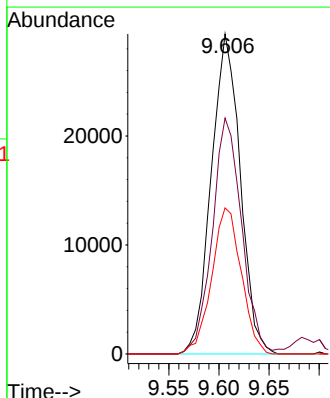
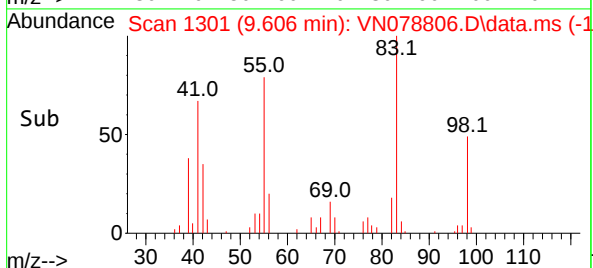
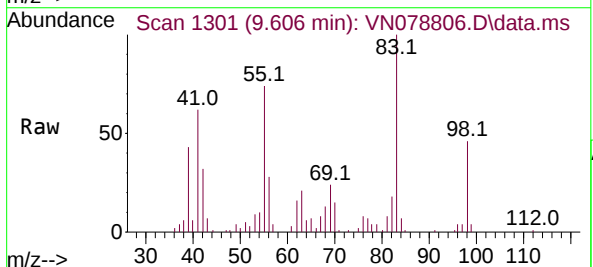
Manual Integrations
APPROVED

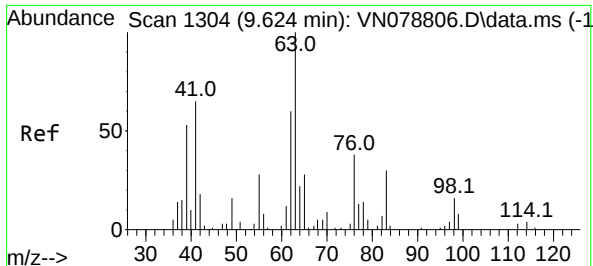
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#38
Methylcyclohexane
Concen: 20.334 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Tgt Ion: 83 Resp: 59023
Ion Ratio Lower Upper
83 100
55 74.5 34.0 102.0
98 46.6 23.0 69.0





#39

1,2-Dichloropropane

Concen: 21.313 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN078806.D

Acq: 08 Aug 2023 18:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 4910

Ion Ratio Lower Upper

63 100

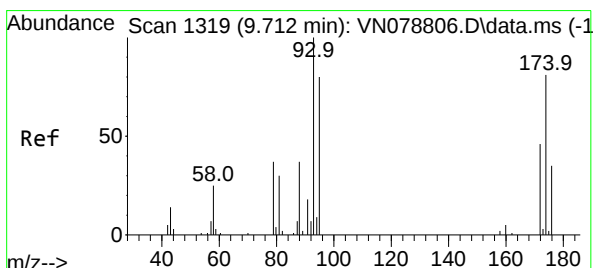
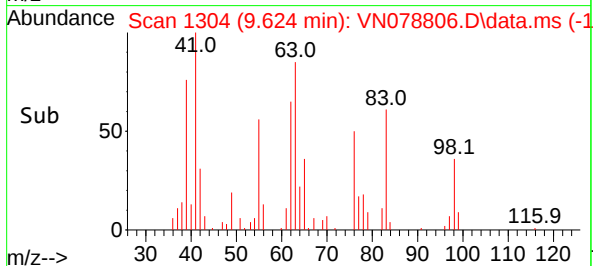
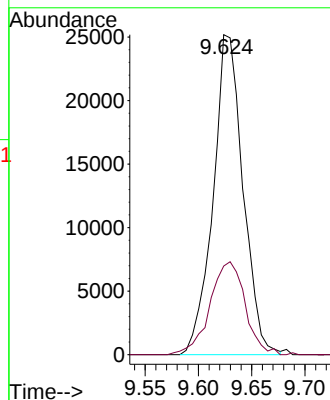
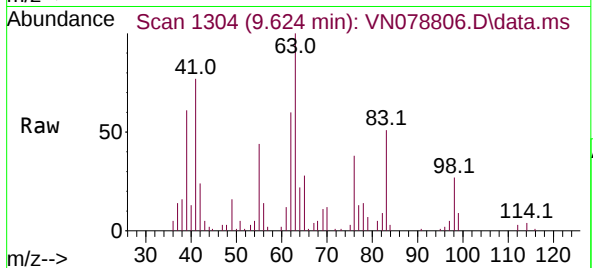
65 27.7 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#40

Dibromomethane

Concen: 20.245 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078806.D

Acq: 08 Aug 2023 18:40

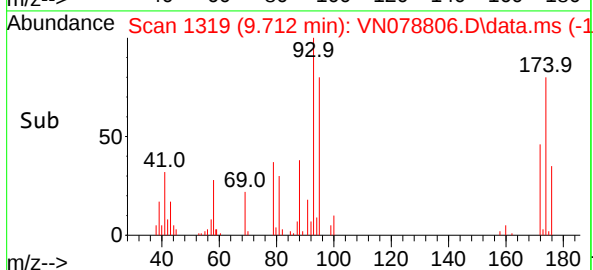
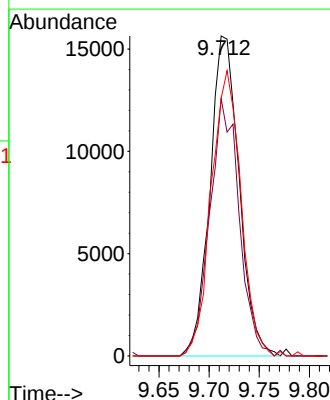
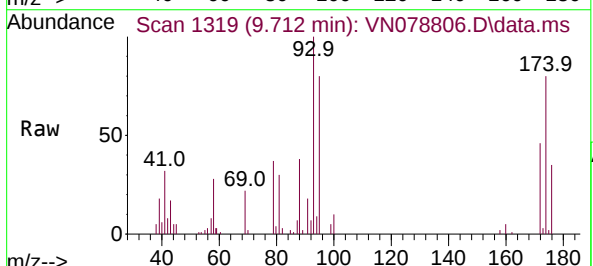
Tgt Ion: 93 Resp: 31583

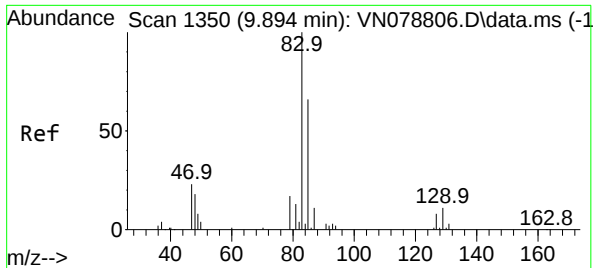
Ion Ratio Lower Upper

93 100

95 80.5 0.0 167.8

174 90.6 0.0 180.8





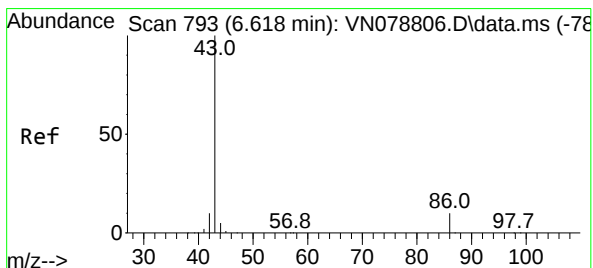
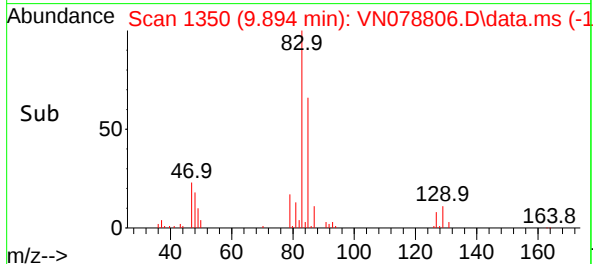
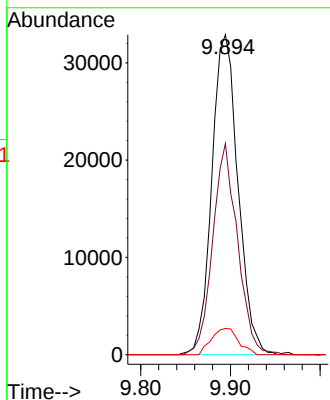
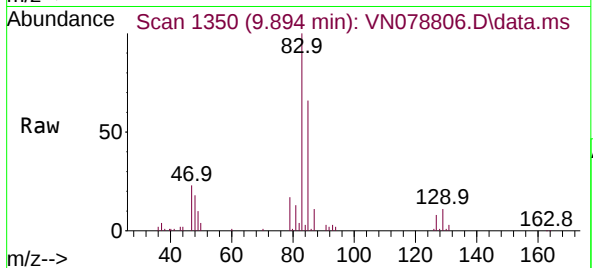
#41
Bromodichloromethane
Concen: 21.236 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 66664
Ion Ratio Lower Upper
83 100
85 66.0 54.1 81.1
127 8.2 7.8 11.6

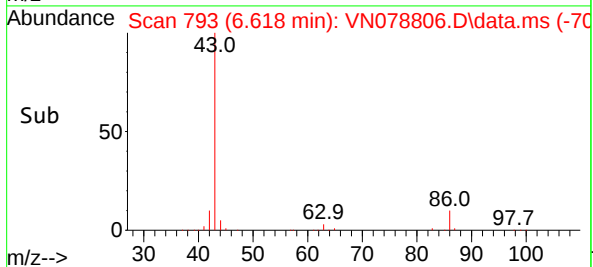
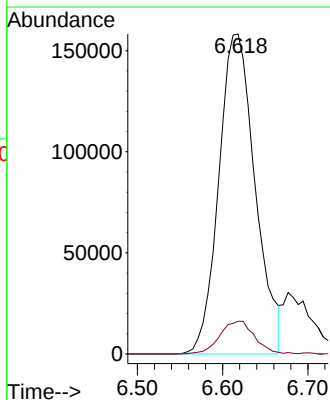
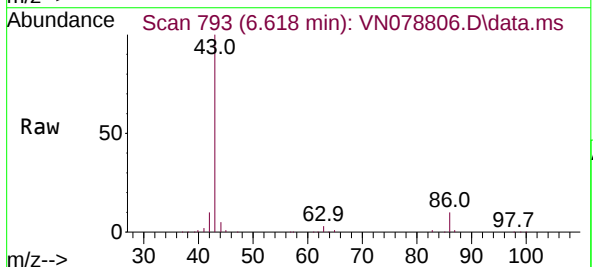
Manual Integrations
APPROVED

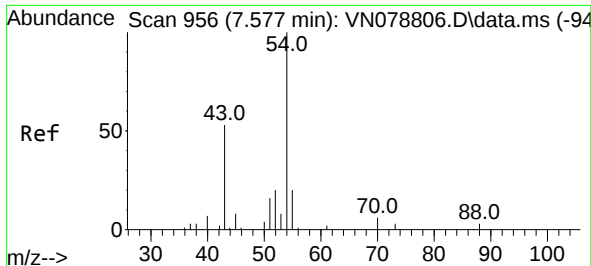
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#42
Vinyl Acetate
Concen: 124.787 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Tgt Ion: 43 Resp: 469611
Ion Ratio Lower Upper
43 100
86 9.7 9.4 14.0





#43

Ethyl Acetate

Concen: 27.286 ug/l m

RT: 7.577 min Scan# 956

Delta R.T. 0.000 min

Lab File: VN078806.D

Acq: 08 Aug 2023 18:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 6733

Ion Ratio Lower Upper

43 100

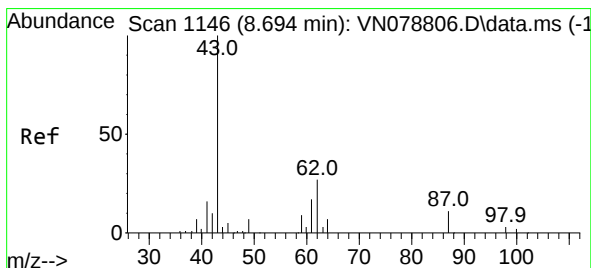
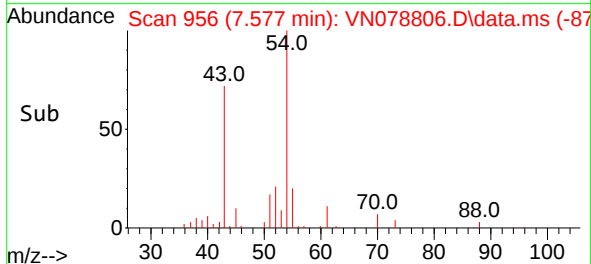
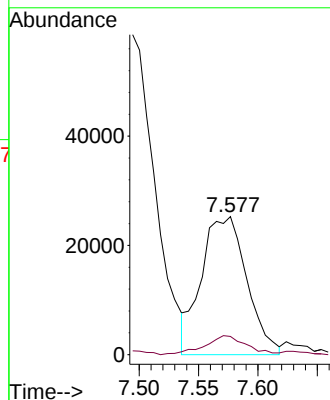
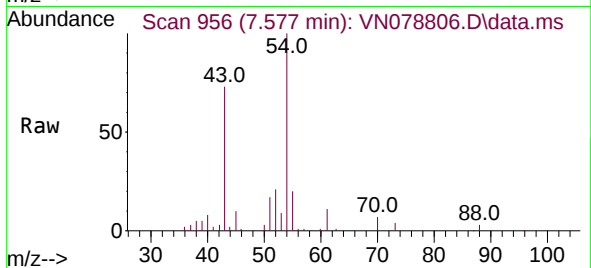
45 12.6 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#44

Isopropyl Acetate

Concen: 25.258 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078806.D

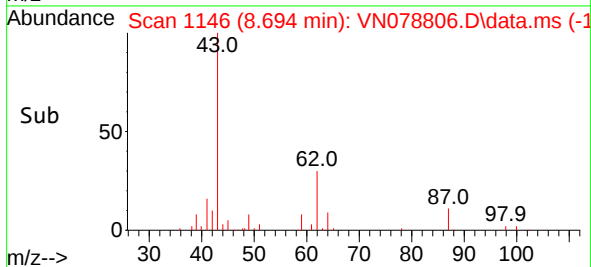
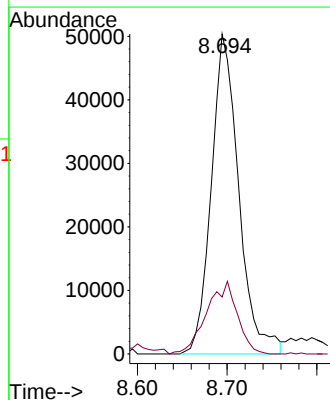
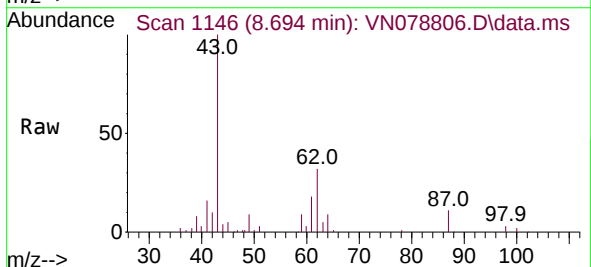
Acq: 08 Aug 2023 18:40

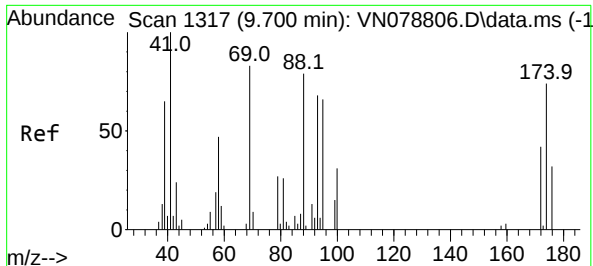
Tgt Ion: 43 Resp: 107010

Ion Ratio Lower Upper

43 100

61 10.7 23.0 34.6#





#45

1,4-Dioxane

Concen: 422.840 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN078806.D

Acq: 08 Aug 2023 18:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

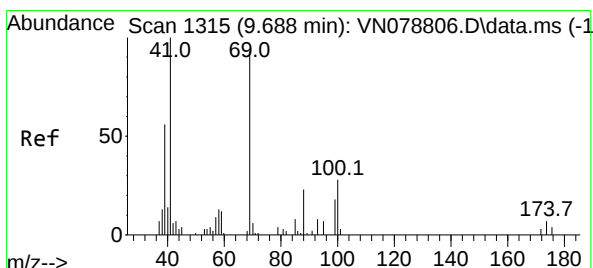
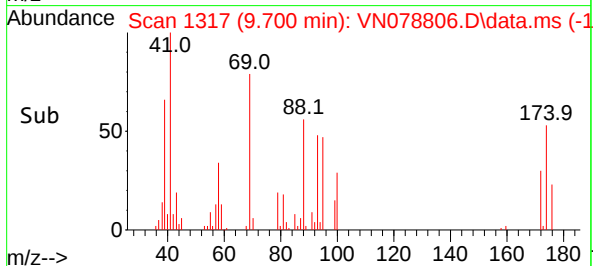
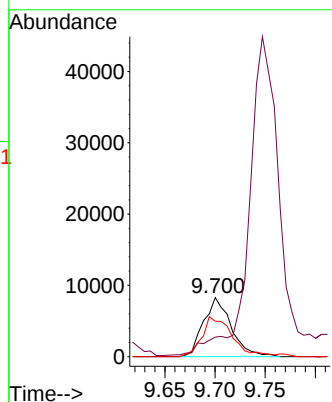
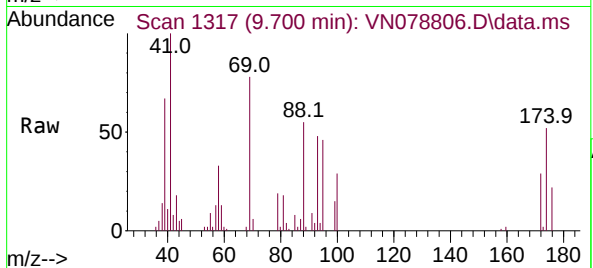
Tgt Ion: 88 Resp: 15982
 Ion Ratio Lower Upper
 88 100
 43 35.4 19.0 28.6
 58 73.9 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#46

Methyl methacrylate

Concen: 23.964 ug/l

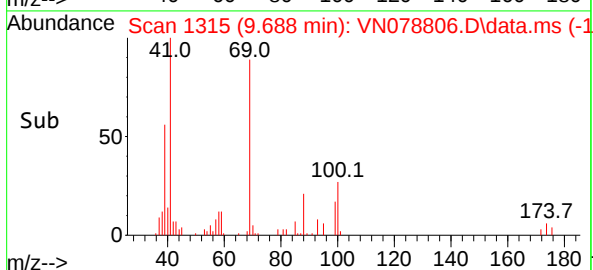
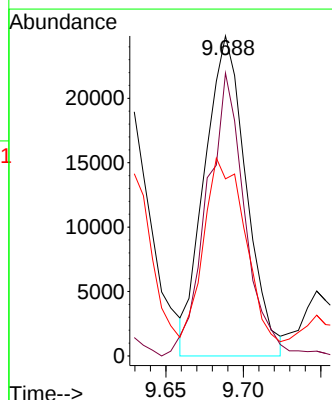
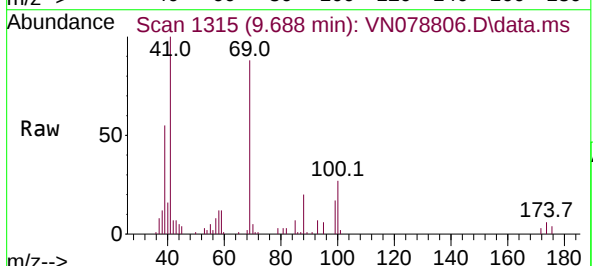
RT: 9.688 min Scan# 1315

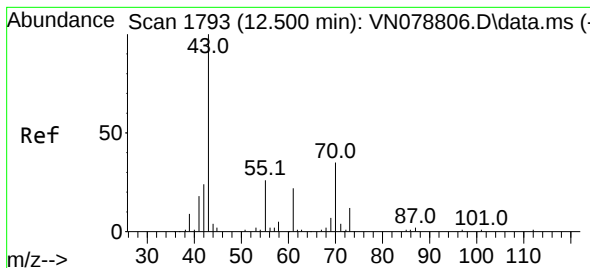
Delta R.T. 0.000 min

Lab File: VN078806.D

Acq: 08 Aug 2023 18:40

Tgt Ion: 41 Resp: 46397
 Ion Ratio Lower Upper
 41 100
 69 90.4 49.0 147.0
 39 54.2 31.6 94.8





#47

n-amyl Acetate

Concen: 24.305 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078806.D

Acq: 08 Aug 2023 18:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 79278

Ion Ratio Lower Upper

43 100

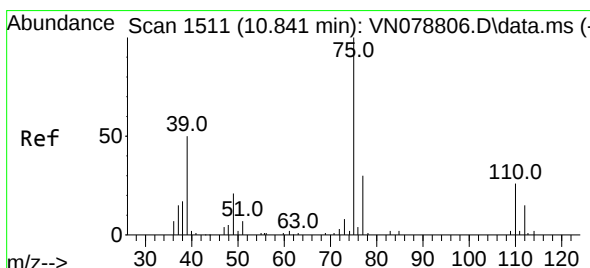
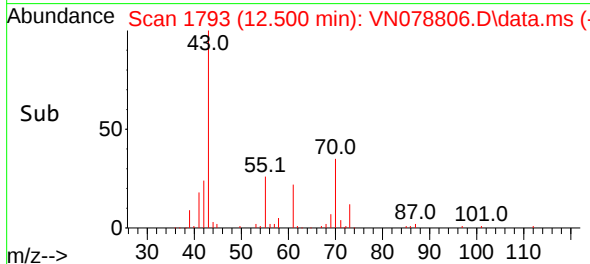
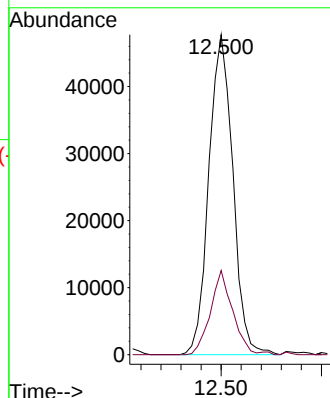
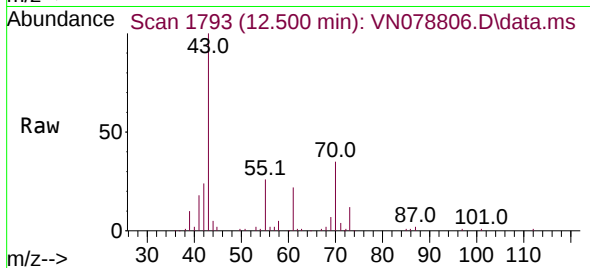
55 24.1 21.5 32.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#48

t-1,3-Dichloropropene

Concen: 20.289 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VN078806.D

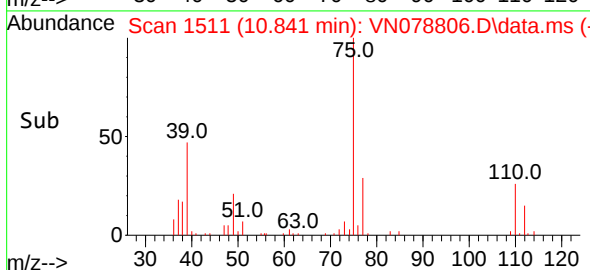
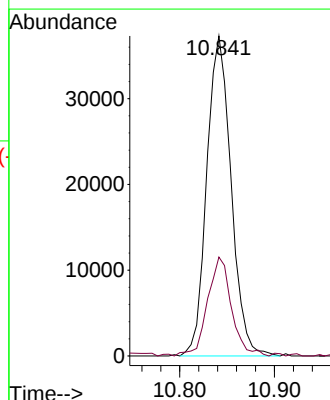
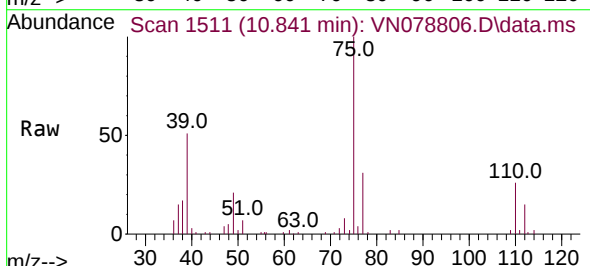
Acq: 08 Aug 2023 18:40

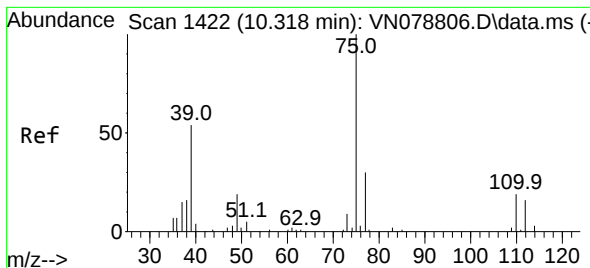
Tgt Ion: 75 Resp: 66659

Ion Ratio Lower Upper

75 100

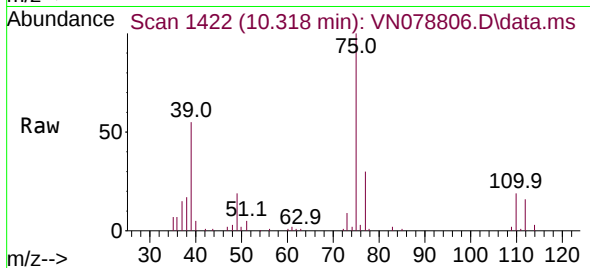
77 30.2 26.1 39.1





#49
 cis-1,3-Dichloropropene
 Concen: 20.938 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN078806.D
 Acq: 08 Aug 2023 18:40

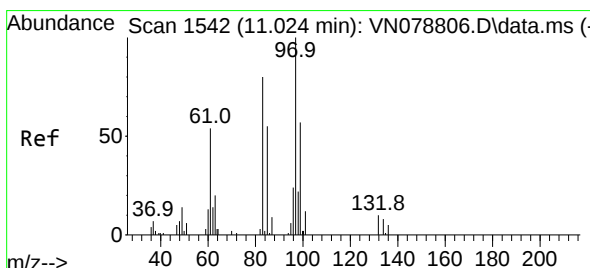
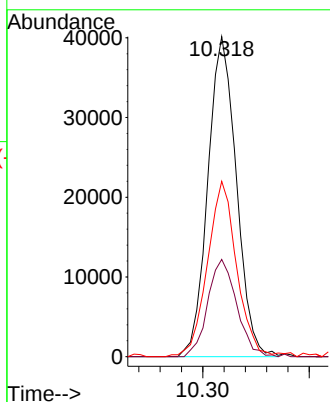
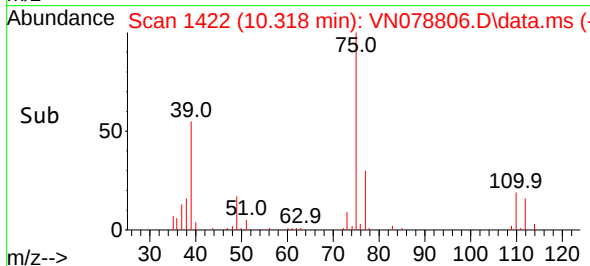
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 75 Resp: 74589
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.0 36.0
 39 54.2 35.1 52.7

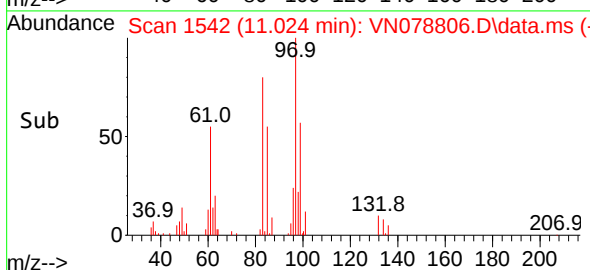
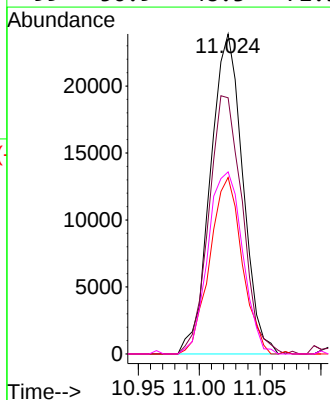
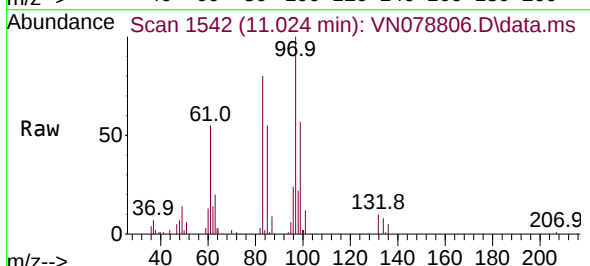
Manual Integrations
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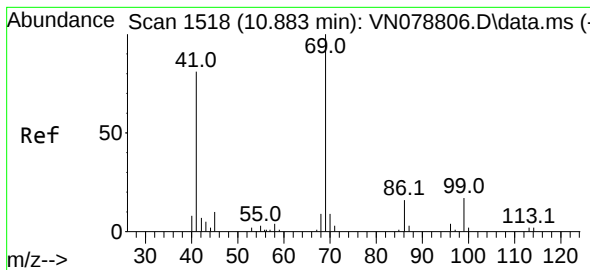
Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023



#50
 1,1,2-Trichloroethane
 Concen: 20.349 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. 0.000 min
 Lab File: VN078806.D
 Acq: 08 Aug 2023 18:40

Tgt Ion: 97 Resp: 44160
 Ion Ratio Lower Upper
 97 100
 83 80.1 66.8 100.2
 85 55.1 42.5 63.7
 99 56.9 48.3 72.5





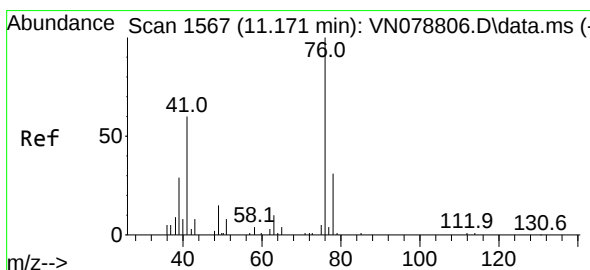
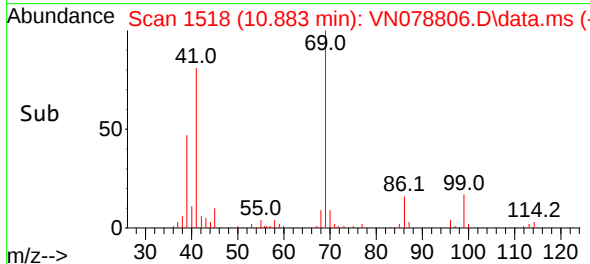
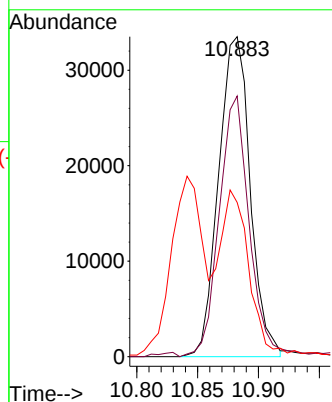
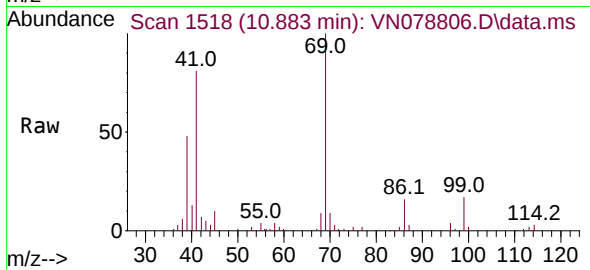
#51
Ethyl methacrylate
Concen: 20.289 ug/l
RT: 10.883 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 69 Resp: 6059
Ion Ratio Lower Upper
69 100
41 81.5 26.0 78.0
39 45.6 16.3 48.9

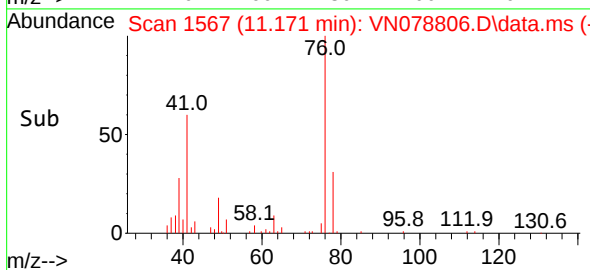
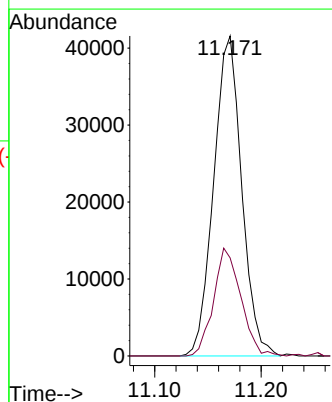
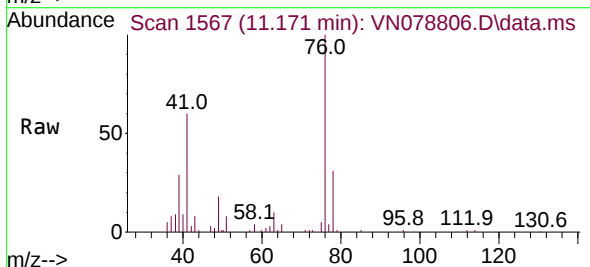
Manual Integrations
APPROVED

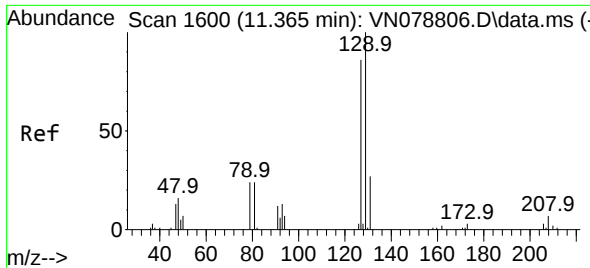
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#52
1,3-Dichloropropane
Concen: 19.226 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Tgt Ion: 76 Resp: 75854
Ion Ratio Lower Upper
76 100
78 32.3 0.0 66.2





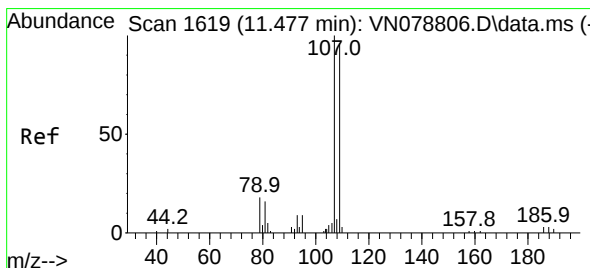
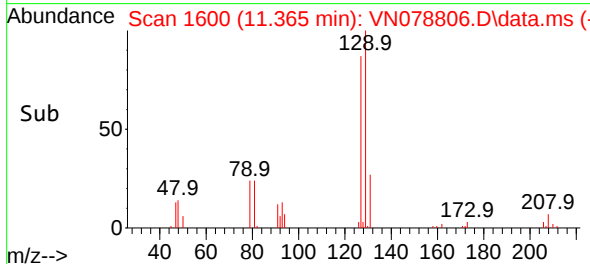
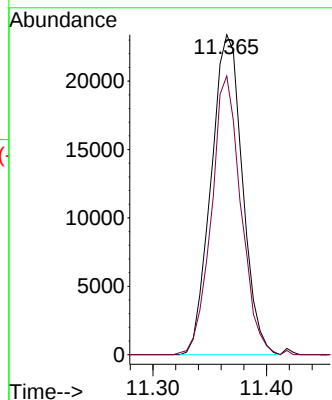
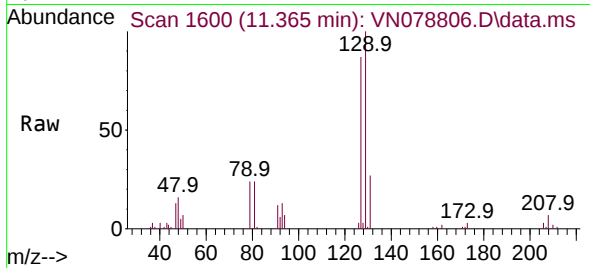
#53
Dibromochloromethane
Concen: 18.612 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:129 Resp: 4480
Ion Ratio Lower Upper
129 100
127 81.7 39.4 118.1

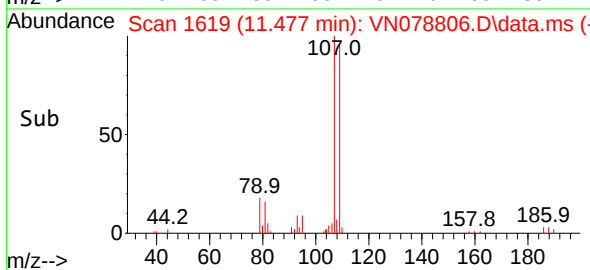
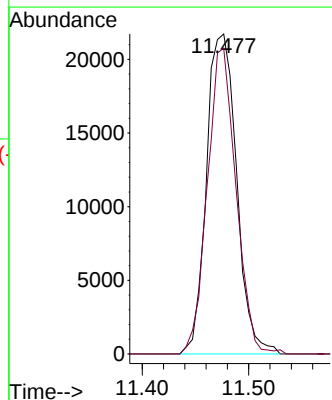
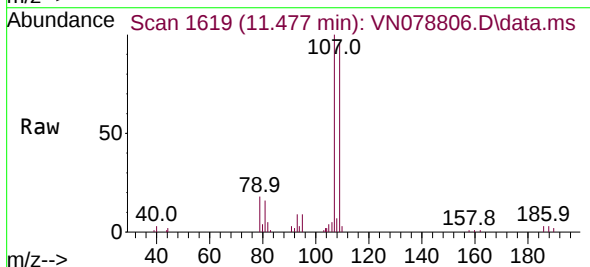
Manual Integrations
APPROVED

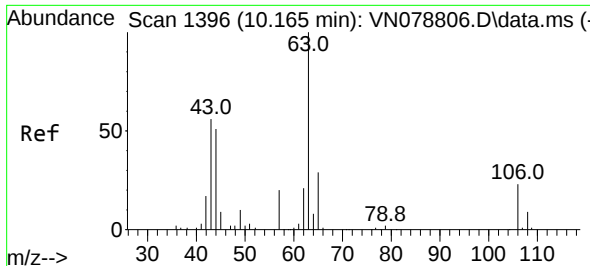
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#54
1,2-Dibromoethane
Concen: 19.726 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Tgt Ion:107 Resp: 42686
Ion Ratio Lower Upper
107 100
109 90.9 74.6 112.0





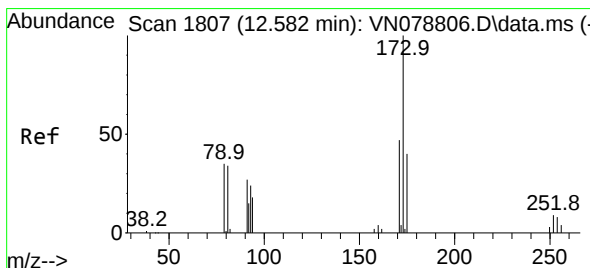
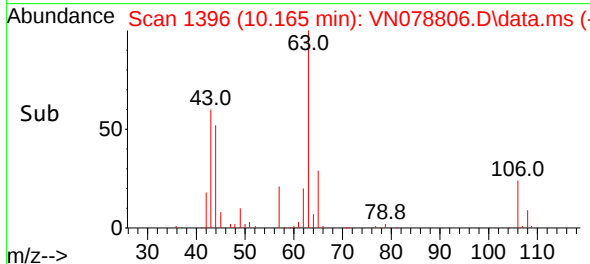
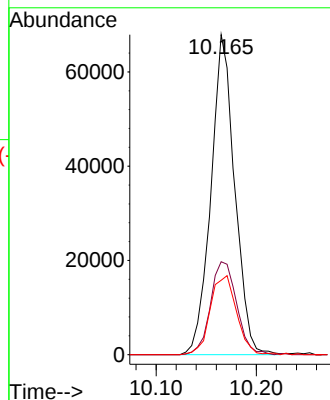
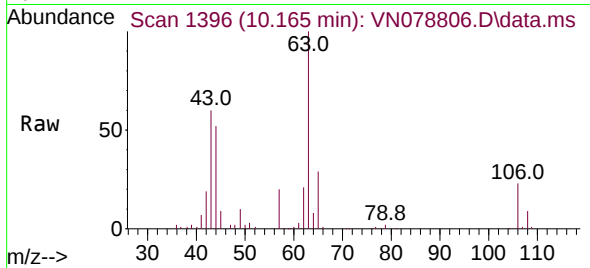
#55
2-Chloroethyl vinyl ether
Concen: 114.352 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 11213
Ion Ratio Lower Upper
63 100
65 31.9 26.3 39.5
106 27.2 23.8 35.6

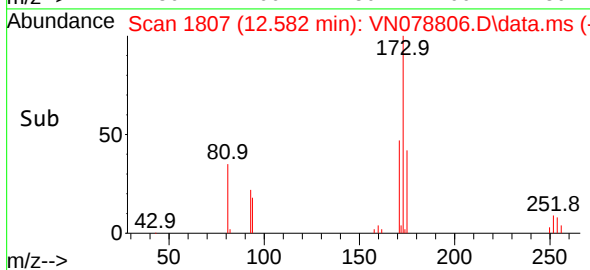
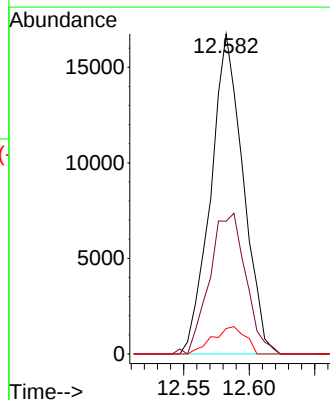
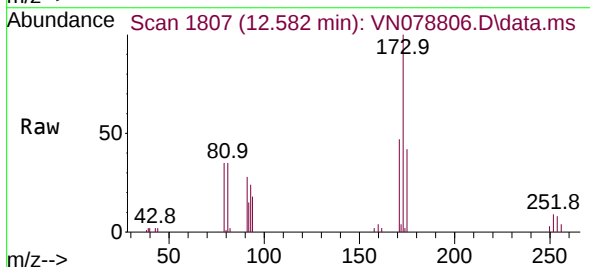
Manual Integrations
APPROVED

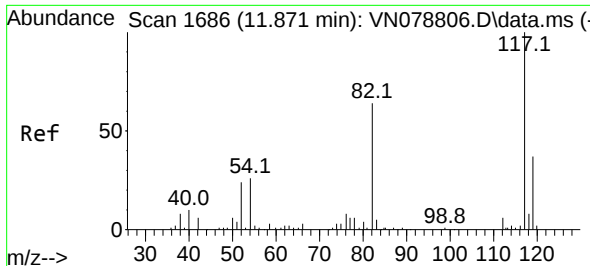
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#56
Bromoform
Concen: 17.988 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Tgt Ion:173 Resp: 28780
Ion Ratio Lower Upper
173 100
175 48.9 40.7 61.1
254 8.6 6.5 9.7





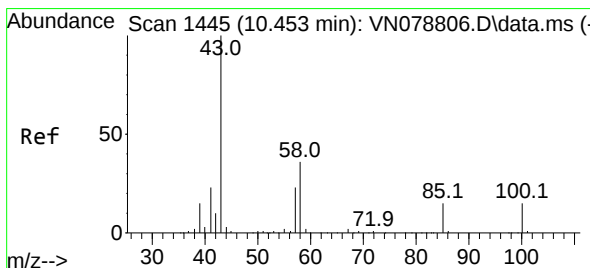
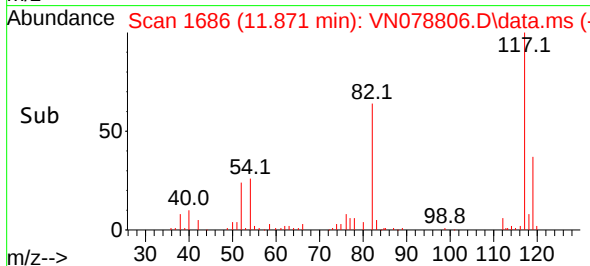
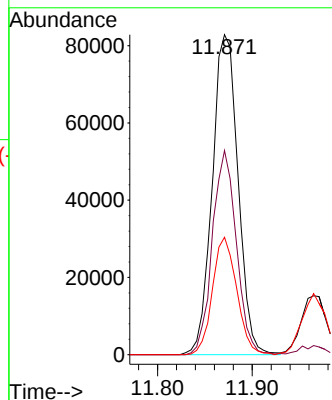
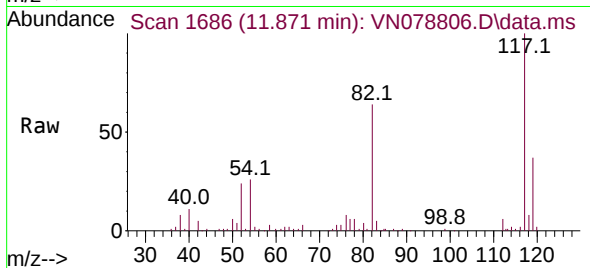
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:117 Resp: 156850
Ion Ratio Lower Upper
117 100
82 59.3 43.9 65.9
119 34.5 26.2 39.4

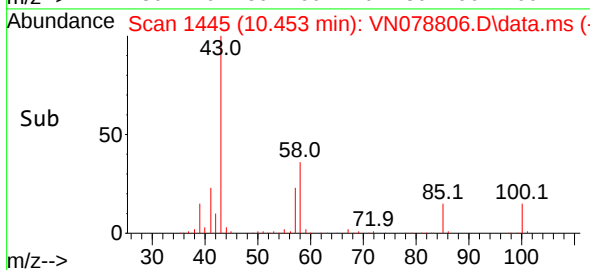
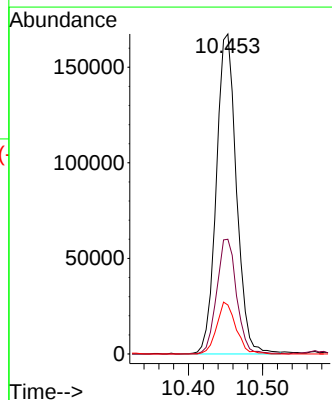
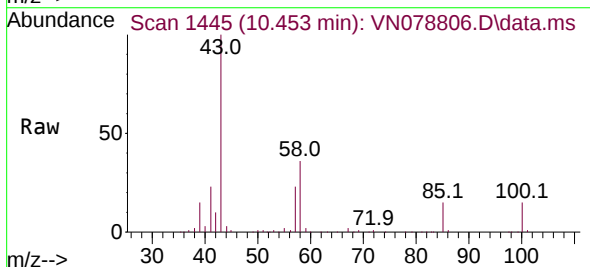
Manual Integrations
APPROVED

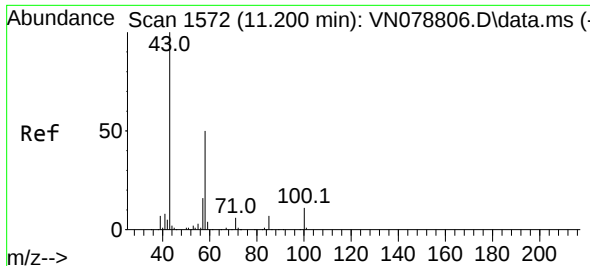
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#58
4-Methyl-2-Pentanone
Concen: 123.975 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

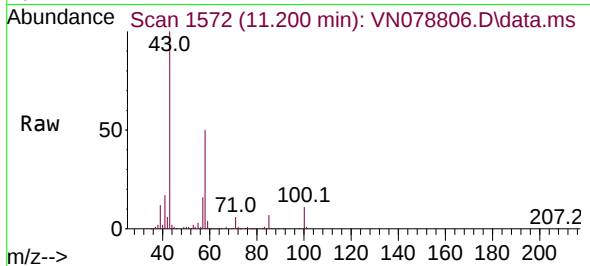
Tgt Ion: 43 Resp: 315458
Ion Ratio Lower Upper
43 100
58 35.5 32.6 48.8
85 15.4 16.2 24.2#





#59
2-Hexanone
Concen: 117.699 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

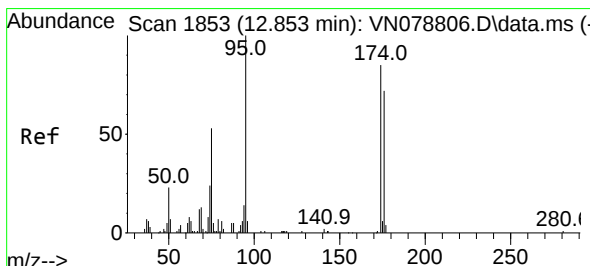
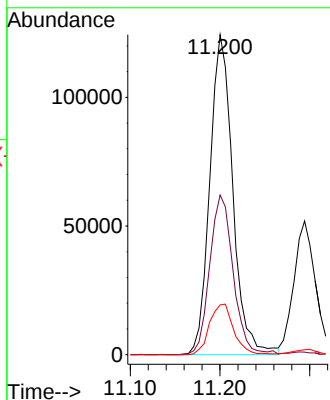
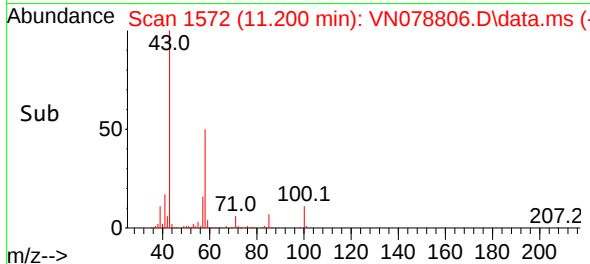
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



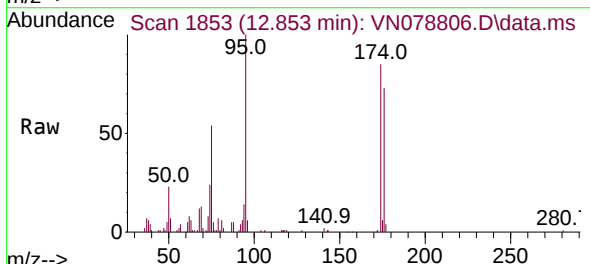
Tgt Ion: 43 Resp: 221370
Ion Ratio Lower Upper
43 100
58 50.6 45.9 68.9
57 16.5 15.8 23.6

Manual Integrations
APPROVED

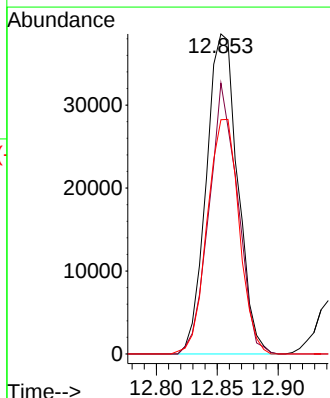
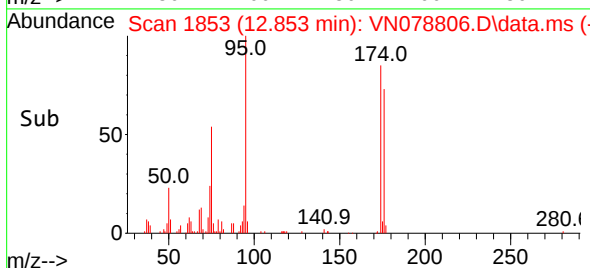
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

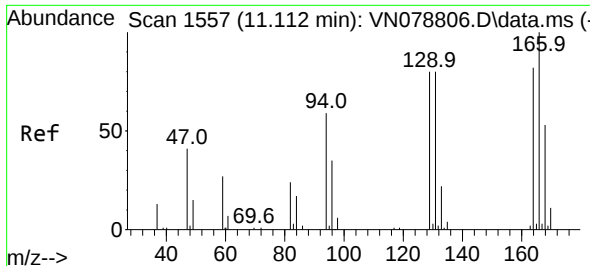


#60
4-Bromofluorobenzene
Concen: 29.197 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40



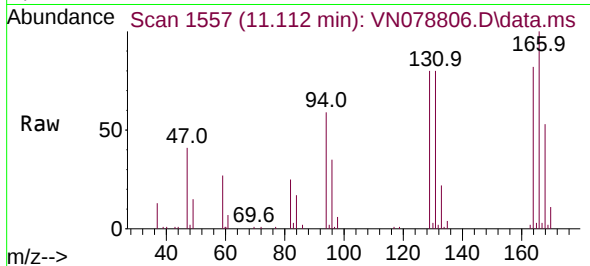
Tgt Ion: 95 Resp: 69391
Ion Ratio Lower Upper
95 100
174 77.0 61.7 92.5
176 74.2 58.1 87.1





#61
Tetrachloroethene
Concen: 17.910 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

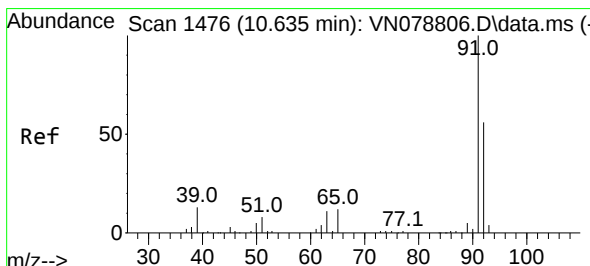
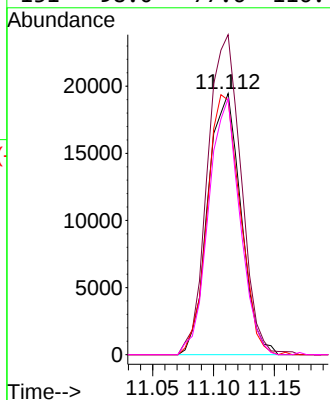
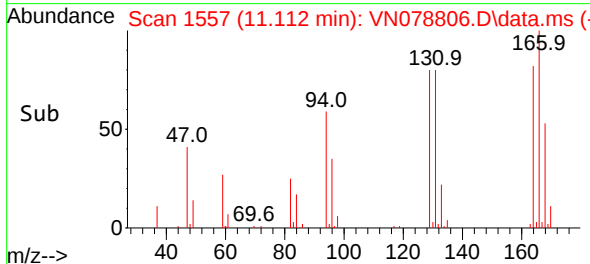
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



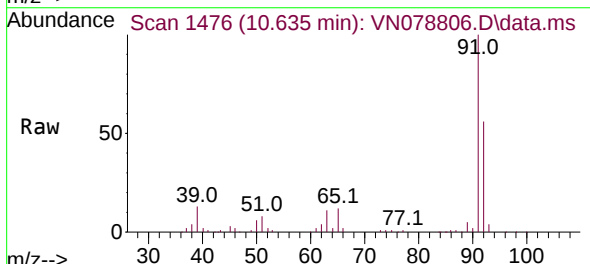
Tgt Ion:164 Resp: 36710
Ion Ratio Lower Upper
164 100
166 122.5 99.1 148.7
129 97.5 85.6 128.4
131 98.0 77.6 116.4

Manual Integrations
APPROVED

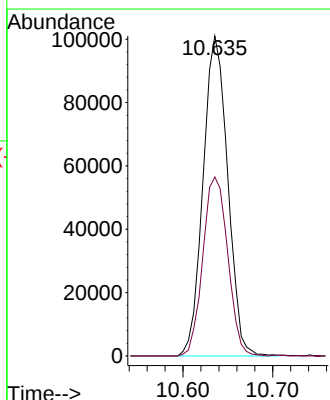
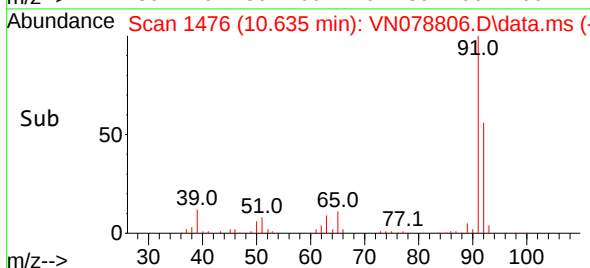
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

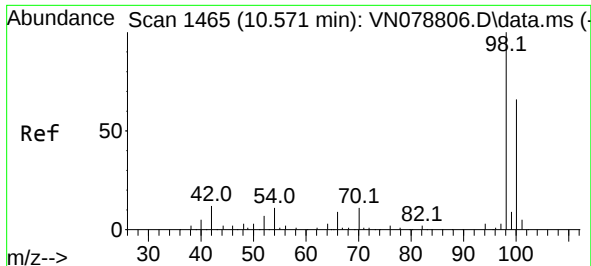


#62
Toluene
Concen: 20.064 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40



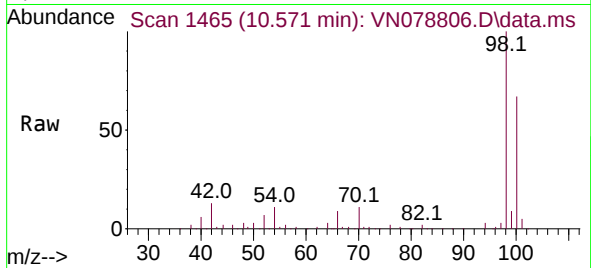
Tgt Ion: 91 Resp: 192478
Ion Ratio Lower Upper
91 100
92 56.6 45.2 67.8





#63
Toluene-d8
Concen: 30.203 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

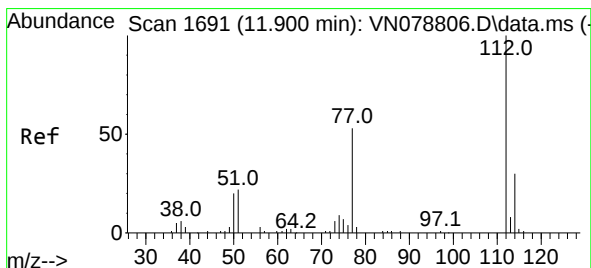
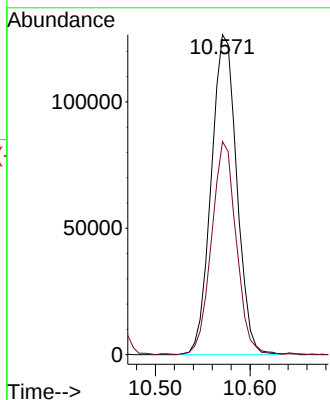
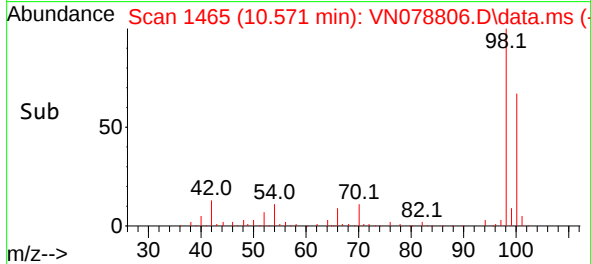
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



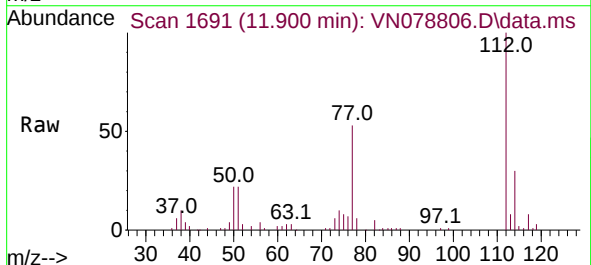
Tgt Ion: 98 Resp: 237195
Ion Ratio Lower Upper
98 100
100 64.4 49.7 74.5

Manual Integrations
APPROVED

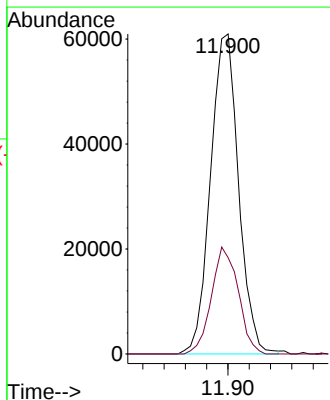
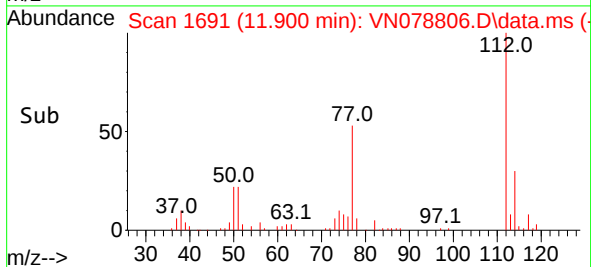
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

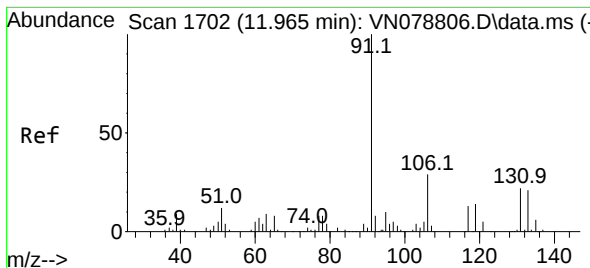


#64
Chlorobenzene
Concen: 20.010 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40



Tgt Ion:112 Resp: 111495
Ion Ratio Lower Upper
112 100
114 30.1 25.9 38.9





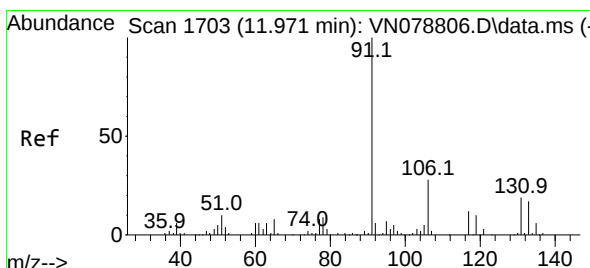
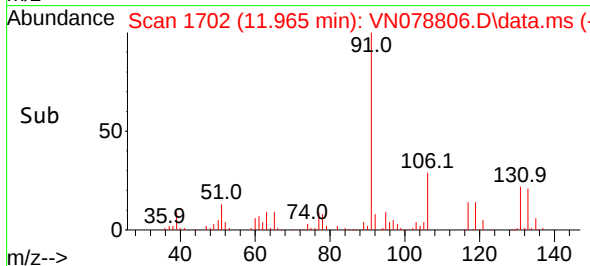
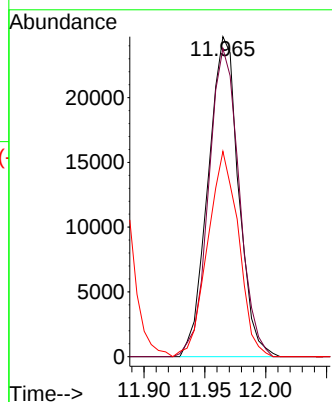
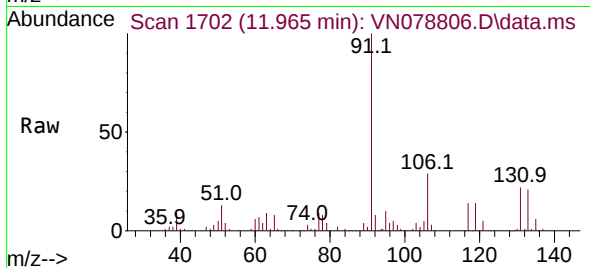
#65
1,1,1,2-Tetrachloroethane
Concen: 19.736 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:131 Resp: 43050
Ion Ratio Lower Upper
131 100
133 96.3 0.0 191.8
119 64.8 0.0 132.0

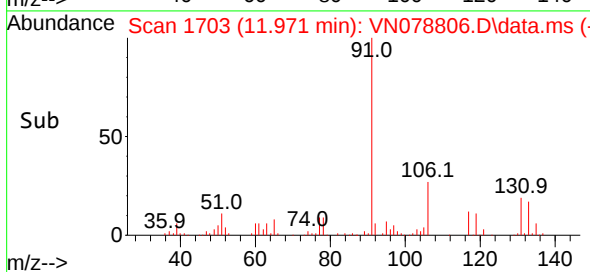
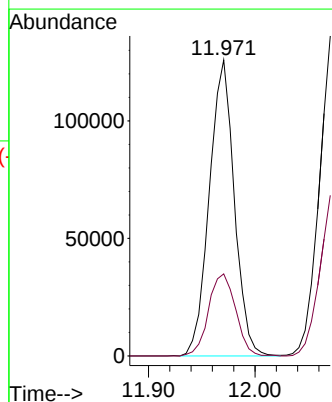
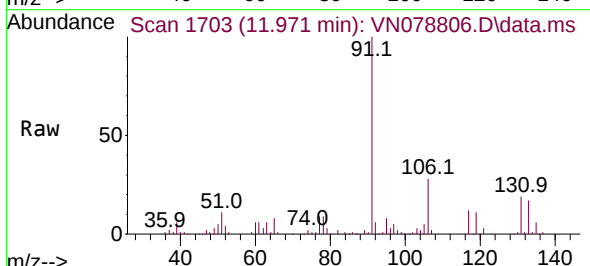
Manual Integrations
APPROVED

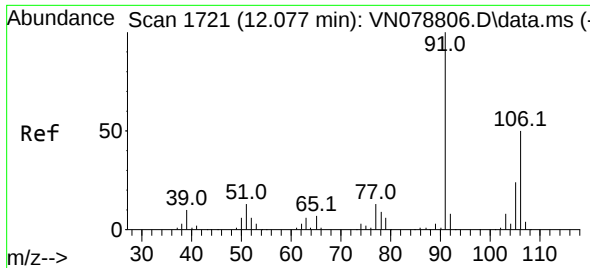
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#66
Ethyl Benzene
Concen: 21.081 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Tgt Ion: 91 Resp: 204995
Ion Ratio Lower Upper
91 100
106 27.7 25.6 38.4





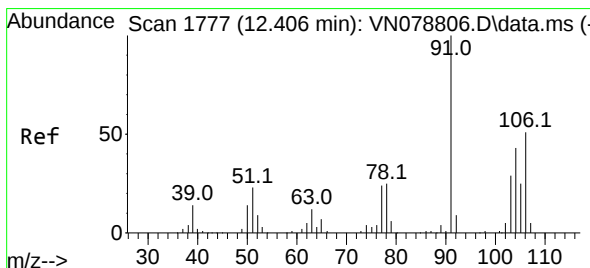
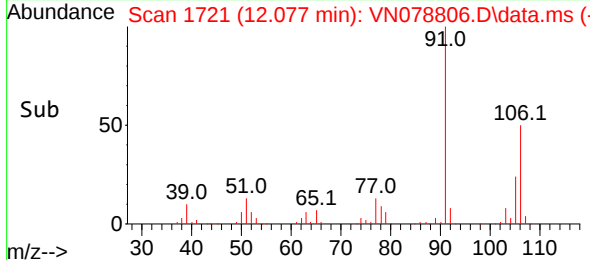
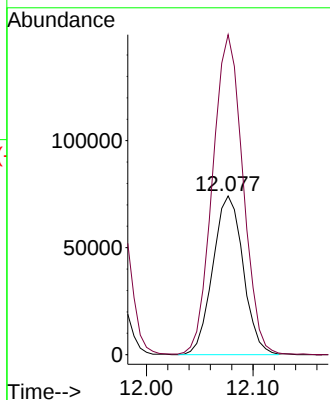
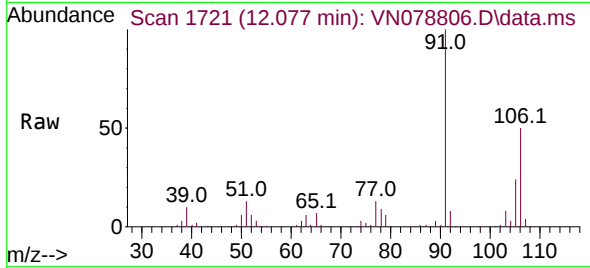
#67
m/p-Xylenes
Concen: 39.958 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 146780
Ion Ratio Lower Upper
106 100
91 201.1 162.5 243.7

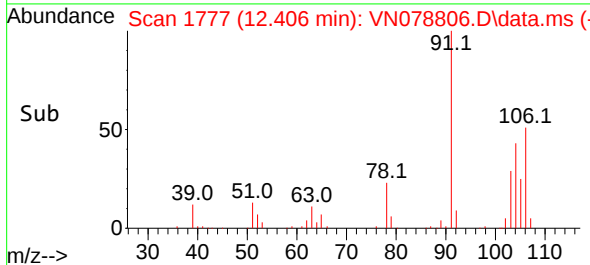
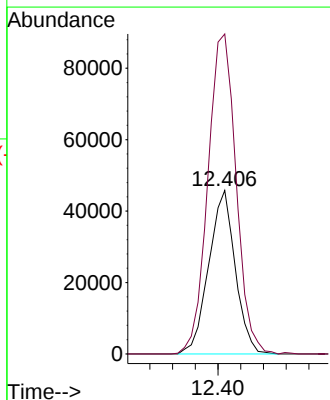
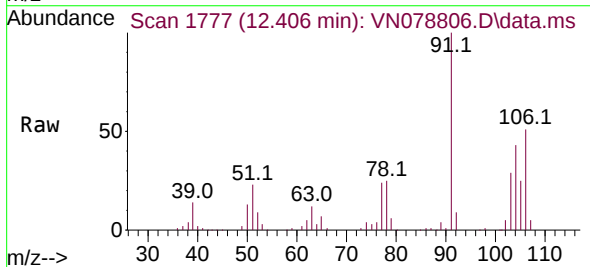
Manual Integrations
APPROVED

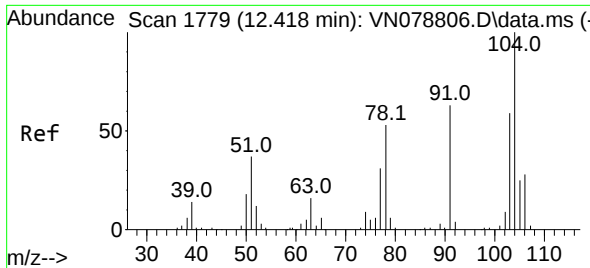
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#68
o-Xylene
Concen: 19.732 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Tgt Ion:106 Resp: 74229
Ion Ratio Lower Upper
106 100
91 208.4 106.1 318.3





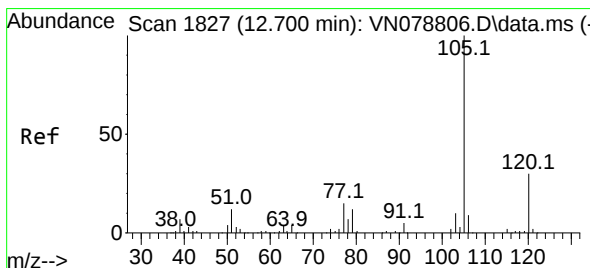
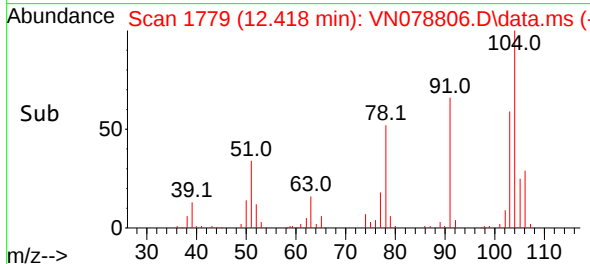
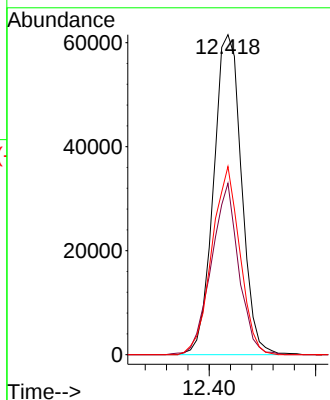
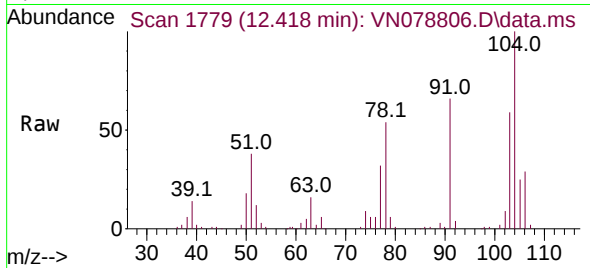
#69
Styrene
Concen: 18.611 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:104 Resp: 111990
Ion Ratio Lower Upper
104 100
78 52.2 40.1 60.1
103 59.0 45.1 67.7

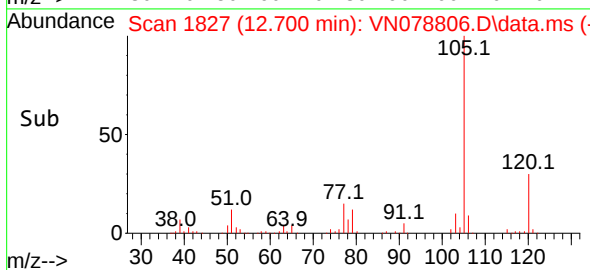
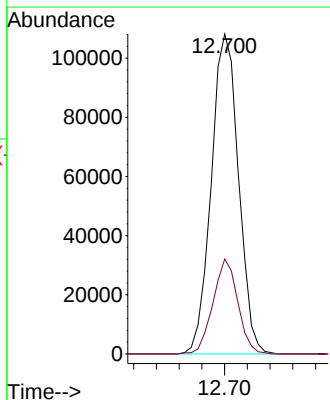
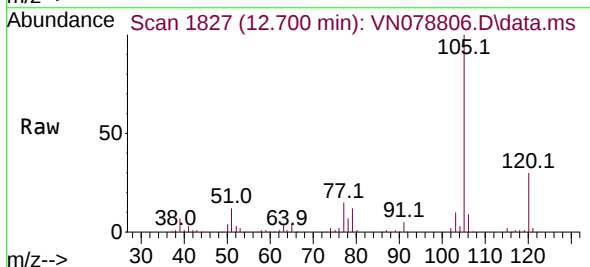
Manual Integrations
APPROVED

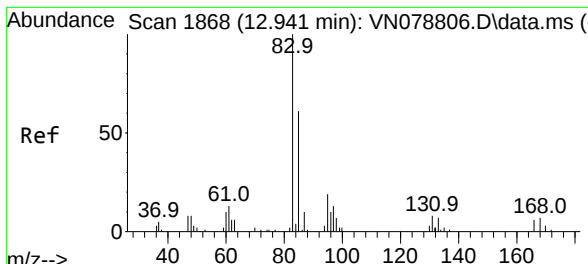
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#70
Isopropylbenzene
Concen: 19.479 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

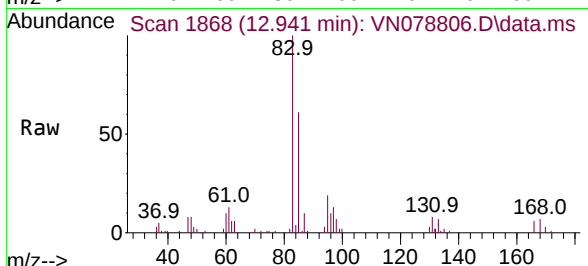
Tgt Ion:105 Resp: 180232
Ion Ratio Lower Upper
105 100
120 27.0 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.305 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

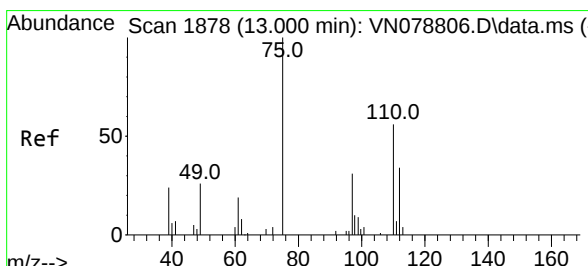
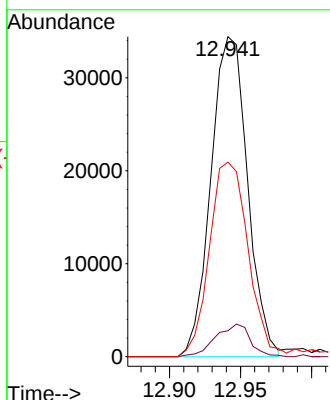
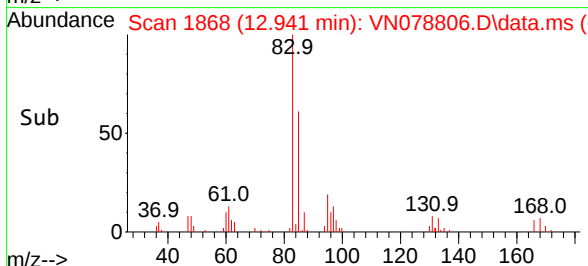
Instrument : MSVOA_N
ClientSampleId : VSTDICCC020



Tgt Ion: 83 Resp: 6179
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 64.0 32.6 98.0

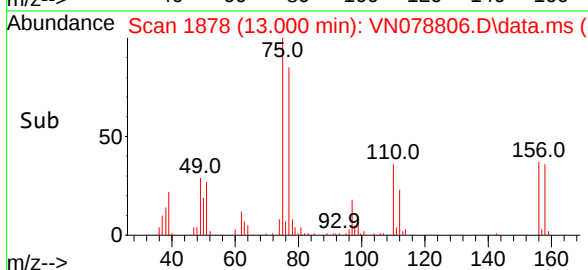
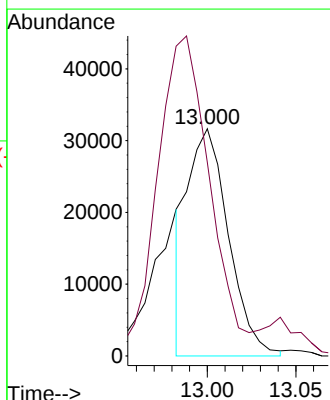
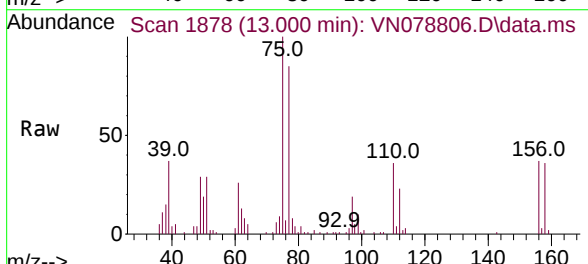
Manual Integrations
APPROVED

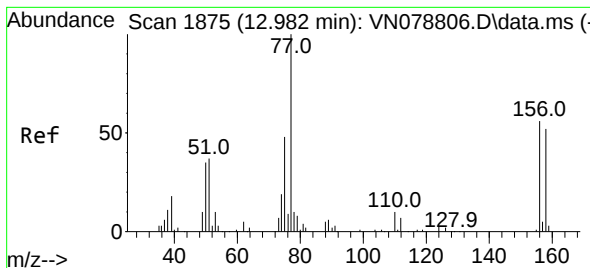
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#72
1,2,3-Trichloropropane
Concen: 20.557 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Tgt Ion: 75 Resp: 50933
Ion Ratio Lower Upper
75 100
77 180.3 0.0 387.4





#73

Bromobenzene

Concen: 18.949 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN078806.D

Acq: 08 Aug 2023 18:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

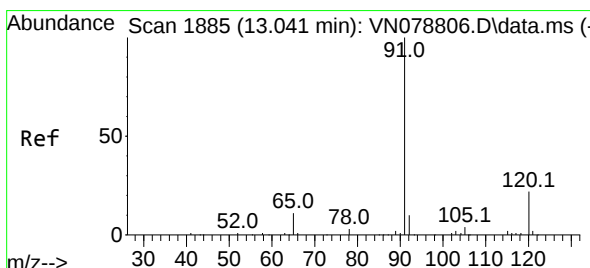
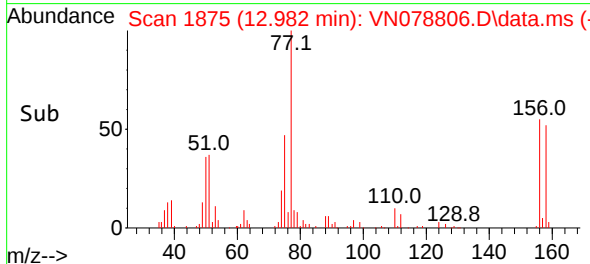
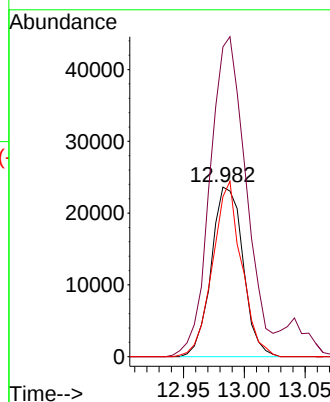
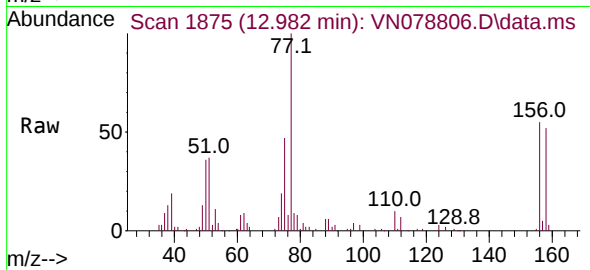
Tgt Ion:	156	Resp:	4269
Ion Ratio	Lower	Upper	
156	100		
77	215.0	0.0	420.8
158	94.8	0.0	193.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#74

n-propylbenzene

Concen: 19.793 ug/l

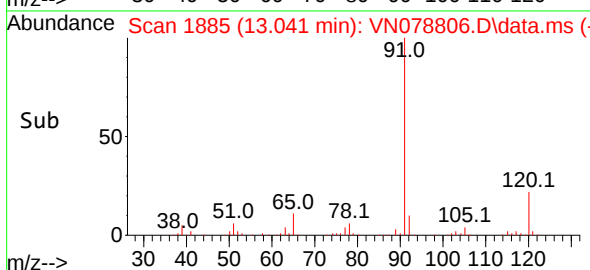
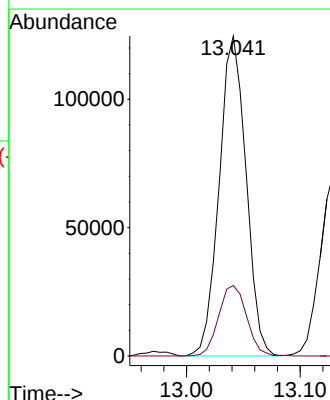
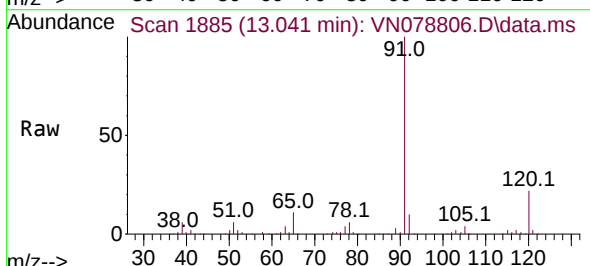
RT: 13.041 min Scan# 1885

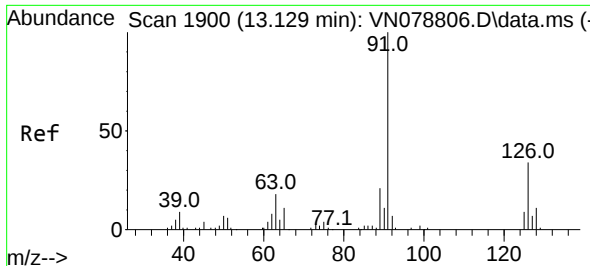
Delta R.T. 0.000 min

Lab File: VN078806.D

Acq: 08 Aug 2023 18:40

Tgt Ion:	91	Resp:	204759
Ion Ratio	Lower	Upper	
91	100		
120	22.8	0.0	44.6





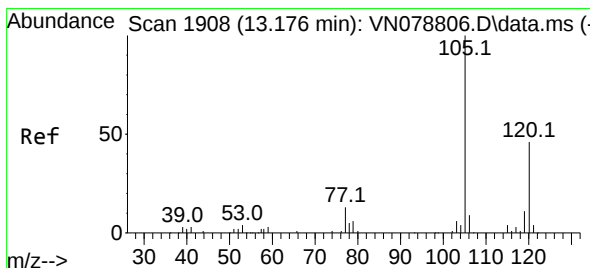
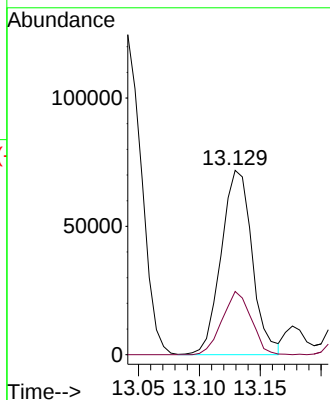
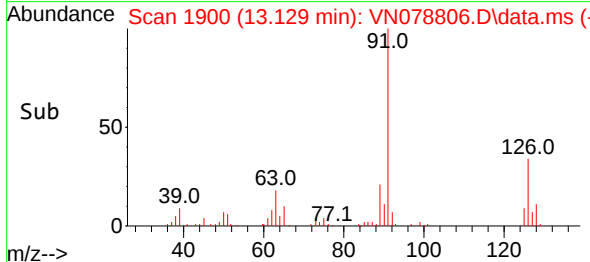
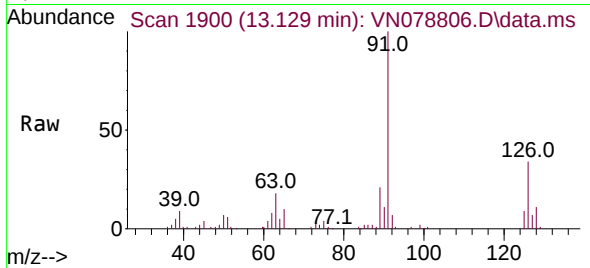
#75
2-Chlorotoluene
Concen: 17.924 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 127452
Ion Ratio Lower Upper
91 100
126 32.0 0.0 67.2

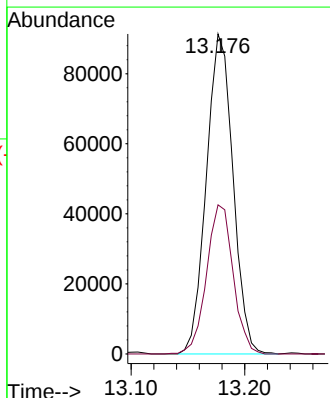
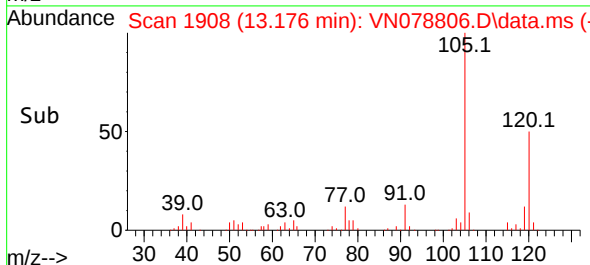
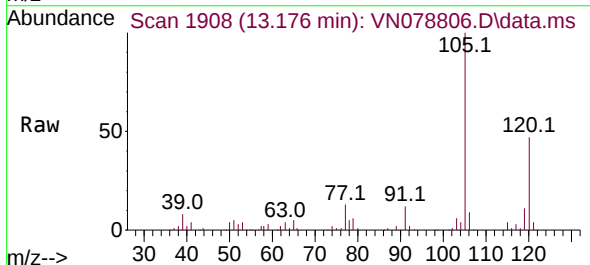
Manual Integrations
APPROVED

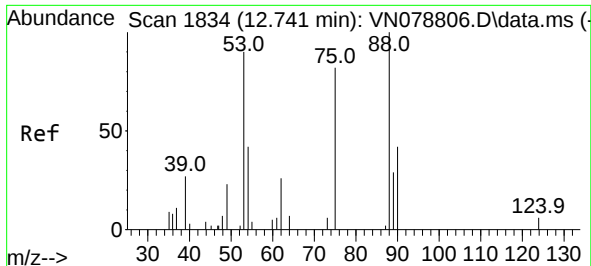
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 18.013 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

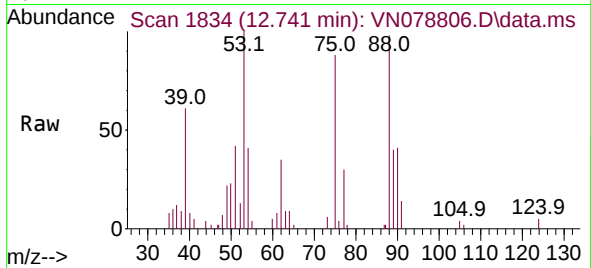
Tgt Ion:105 Resp: 148955
Ion Ratio Lower Upper
105 100
120 46.5 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 19.427 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

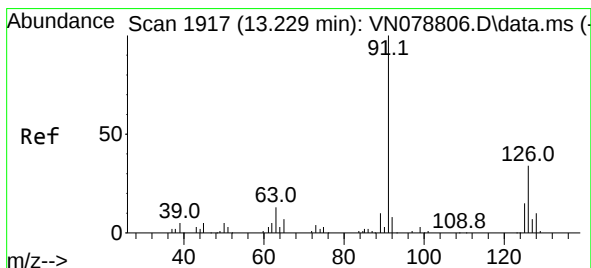
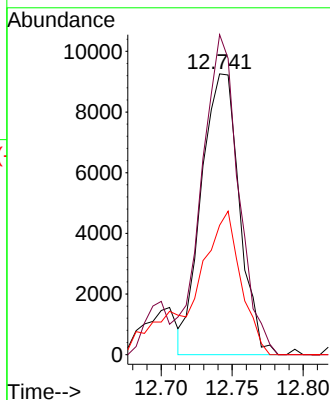
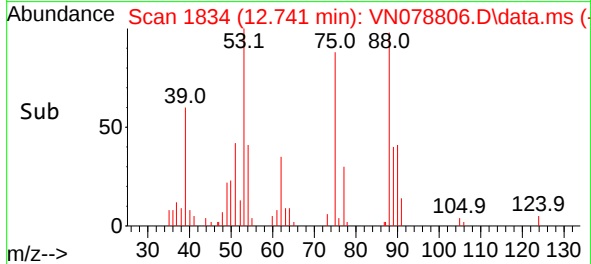
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 1718
Ion Ratio Lower Upper
75 100
53 112.2 41.6 124.9
89 46.1 25.1 75.4

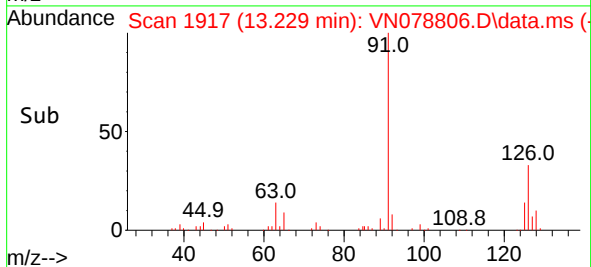
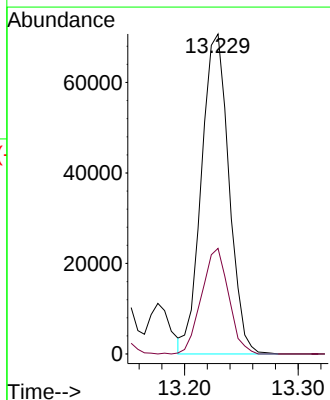
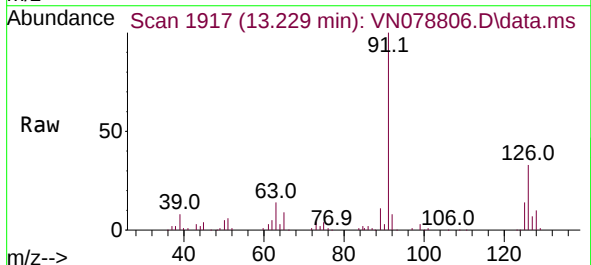
Manual Integrations
APPROVED

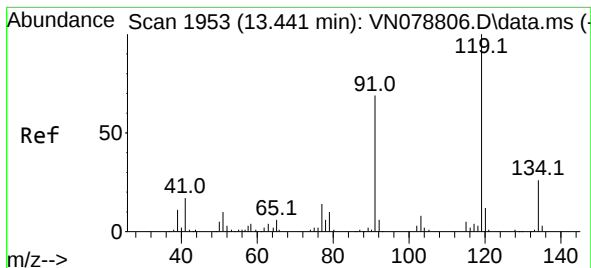
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#78
4-Chlorotoluene
Concen: 17.569 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

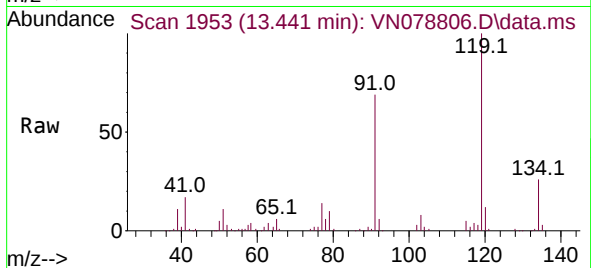
Tgt Ion: 91 Resp: 119075
Ion Ratio Lower Upper
91 100
126 32.5 0.0 68.8





#79
tert-butylbenzene
Concen: 17.385 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

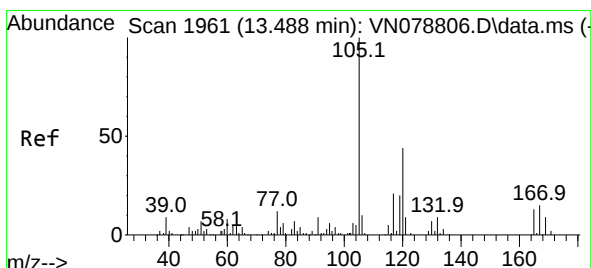
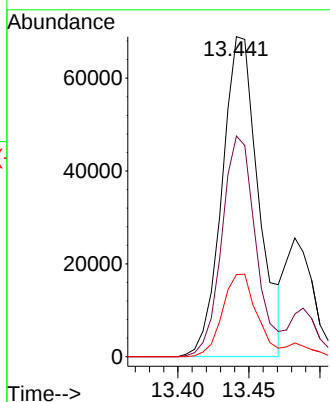
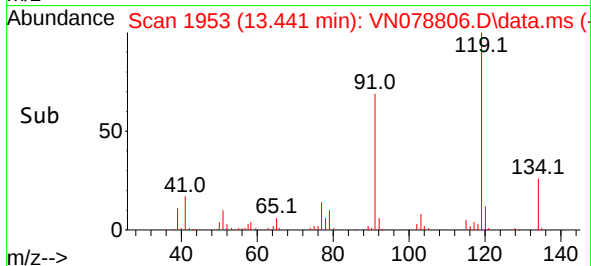
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



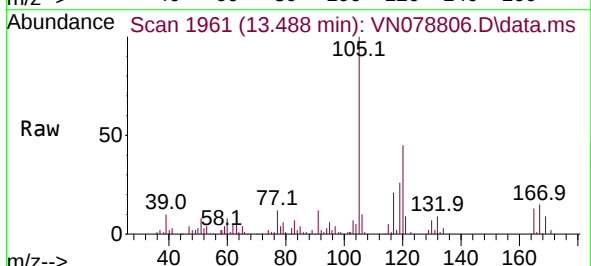
Tgt Ion:119 Resp: 123189
Ion Ratio Lower Upper
119 100
91 63.9 0.0 126.6
134 24.2 0.0 44.0

Manual Integrations
APPROVED

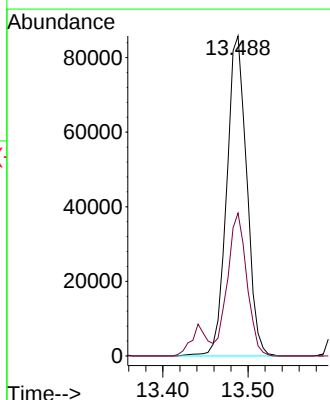
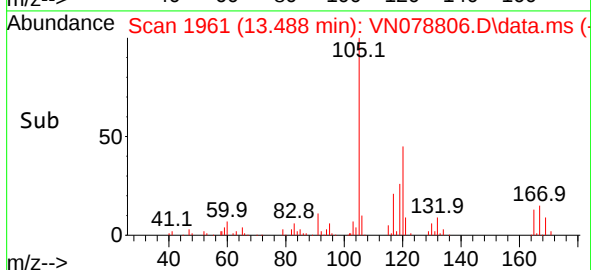
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

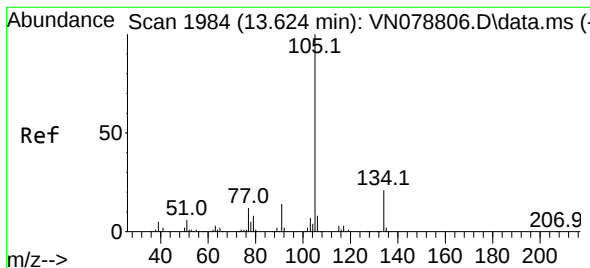


#80
1,2,4-Trimethylbenzene
Concen: 17.861 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40



Tgt Ion:105 Resp: 140130
Ion Ratio Lower Upper
105 100
120 43.3 0.0 88.2





#81

sec-Butylbenzene

Concen: 17.886 ug/l

RT: 13.624 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078806.D

Acq: 08 Aug 2023 18:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:105 Resp: 164000

Ion Ratio Lower Upper

105 100

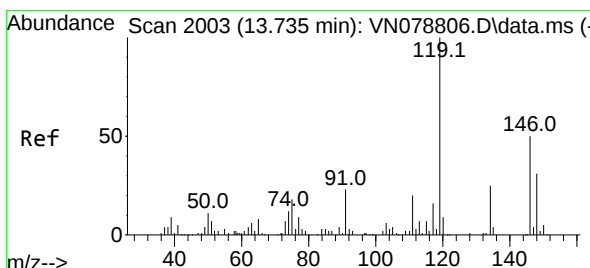
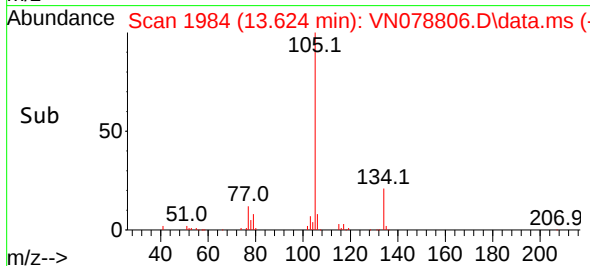
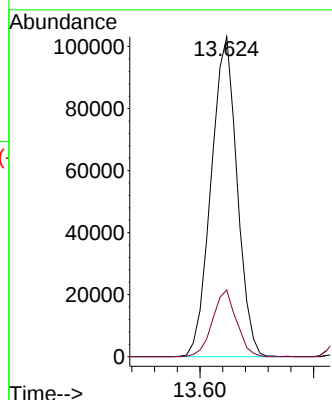
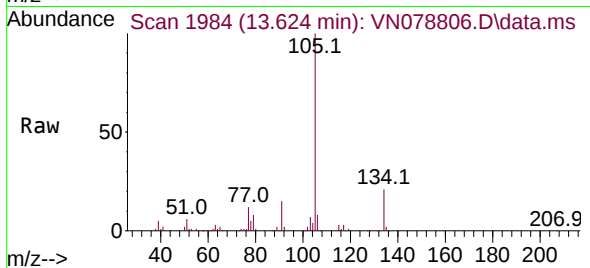
134 19.2 0.0 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#82

p-Isopropyltoluene

Concen: 17.289 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078806.D

Acq: 08 Aug 2023 18:40

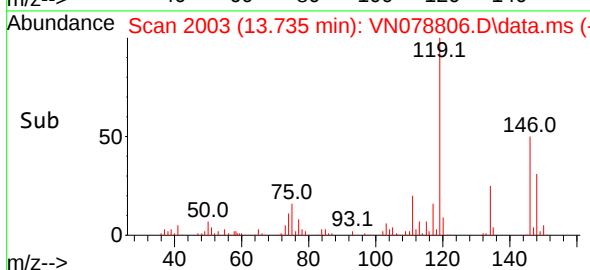
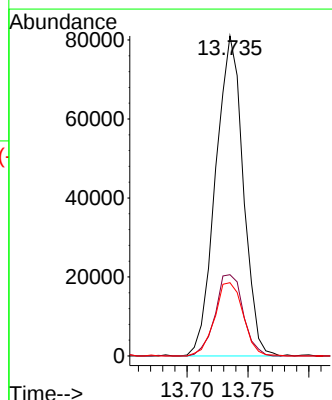
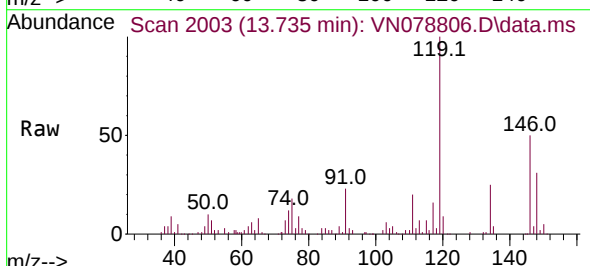
Tgt Ion:119 Resp: 127838

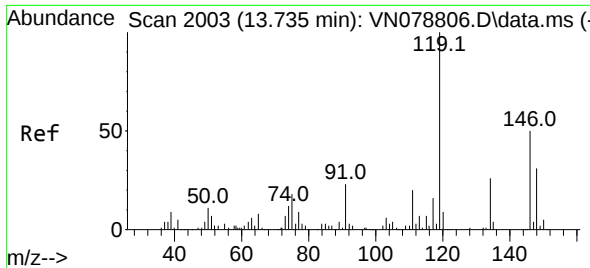
Ion Ratio Lower Upper

119 100

134 25.8 0.0 52.4

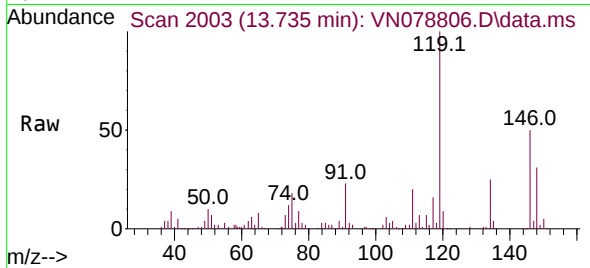
91 23.6 0.0 48.2





#83
 1,3-Dichlorobenzene
 Concen: 17.601 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078806.D
 Acq: 08 Aug 2023 18:40

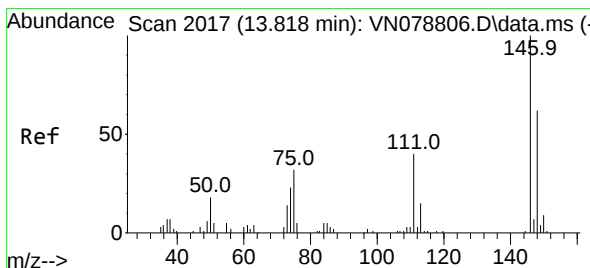
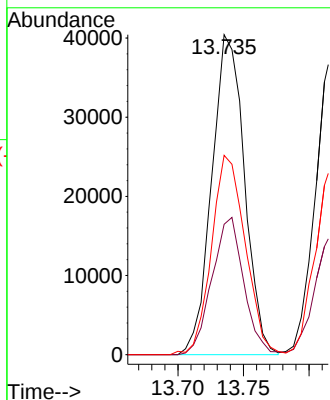
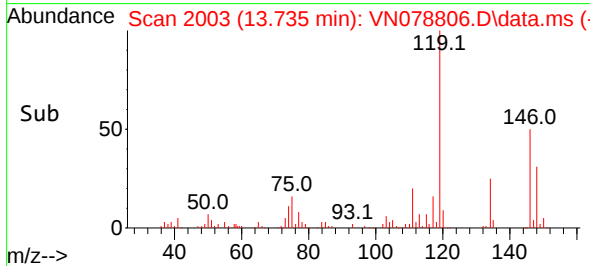
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



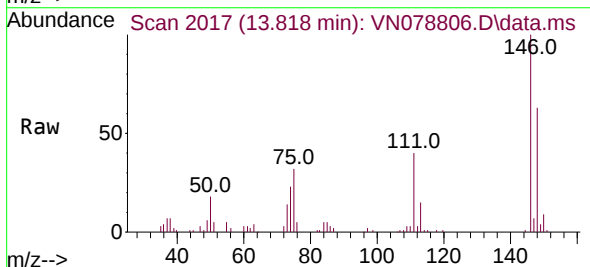
Tgt Ion:146 Resp: 6991
 Ion Ratio Lower Upper
 146 100
 111 41.9 21.6 64.6
 148 64.5 31.9 95.5

Manual Integrations
 APPROVED

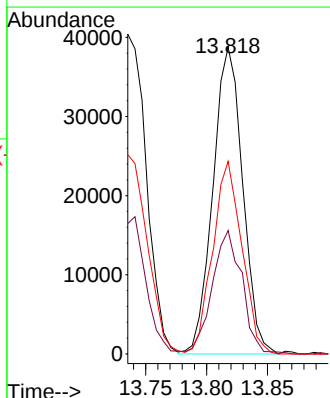
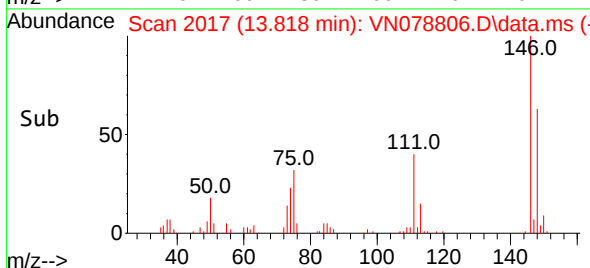
Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023

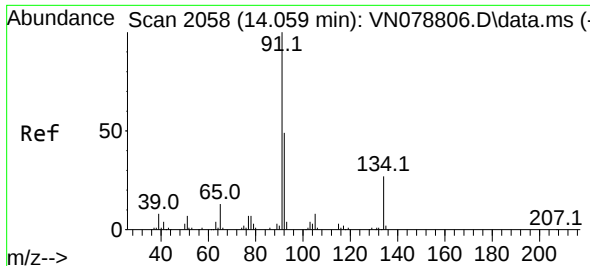


#84
 1,4-Dichlorobenzene
 Concen: 17.671 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN078806.D
 Acq: 08 Aug 2023 18:40



Tgt Ion:146 Resp: 65844
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.4 58.2
 148 61.7 31.4 94.3





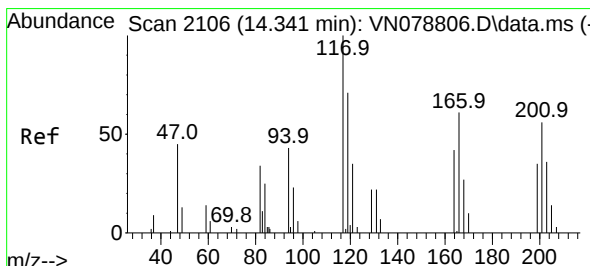
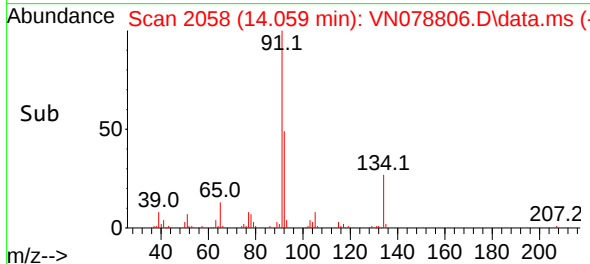
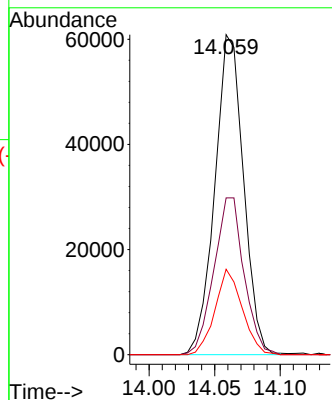
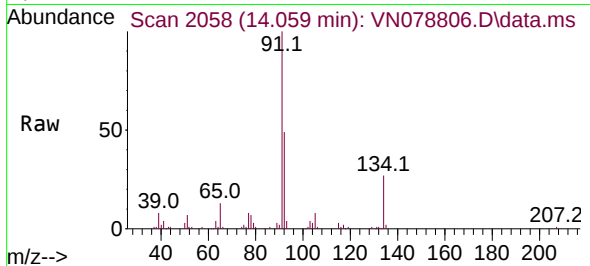
#85
n-Butylbenzene
Concen: 17.978 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 9257
Ion Ratio Lower Upper
91 100
92 51.5 0.0 99.6
134 25.3 0.0 50.0

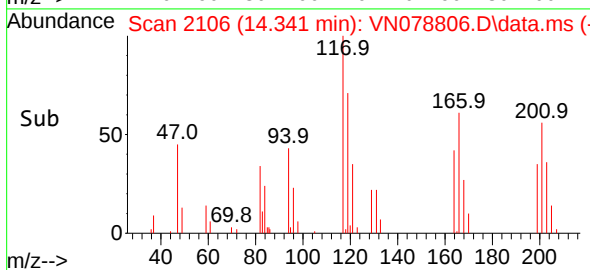
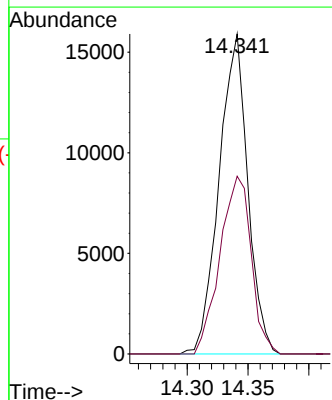
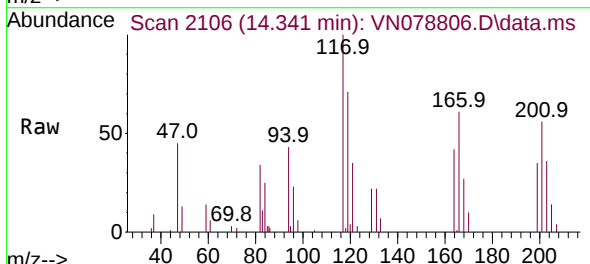
Manual Integrations
APPROVED

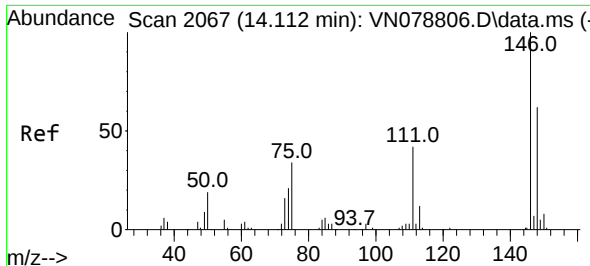
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#86
Hexachloroethane
Concen: 19.046 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

Tgt Ion:117 Resp: 26063
Ion Ratio Lower Upper
117 100
201 60.5 34.2 102.6





#87

1,2-Dichlorobenzene

Concen: 18.383 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN078806.D

Acq: 08 Aug 2023 18:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:146 Resp: 68778

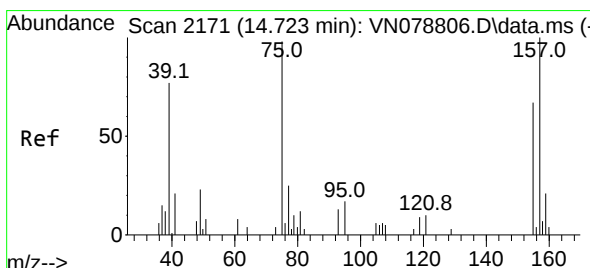
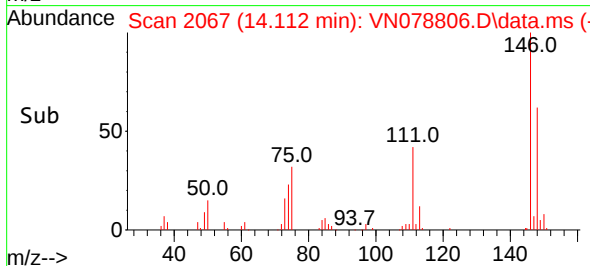
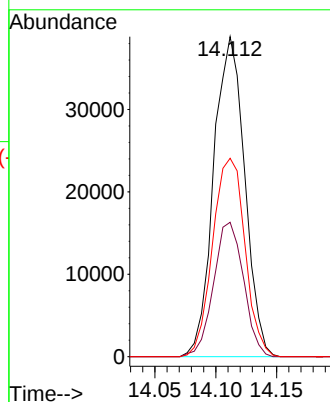
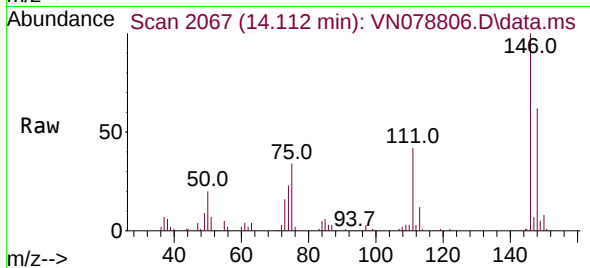
Ion	Ratio	Lower	Upper
146	100		
111	40.6	22.4	67.3
148	64.6	33.4	100.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.075 ug/l

RT: 14.723 min Scan# 2171

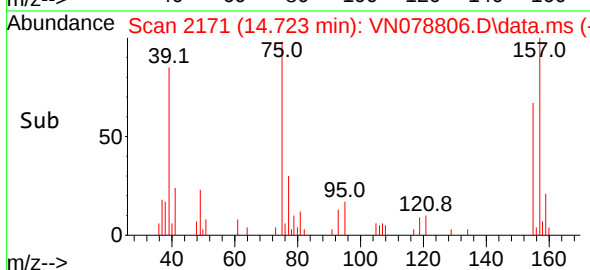
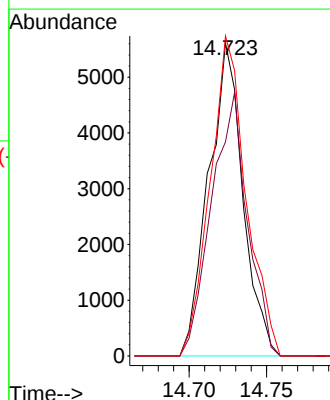
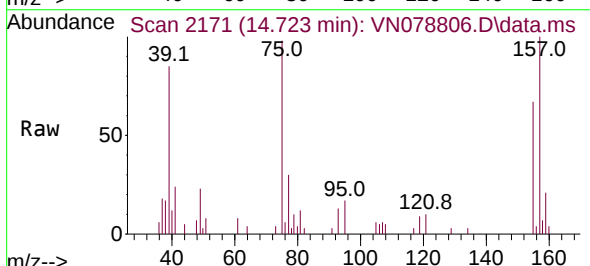
Delta R.T. 0.000 min

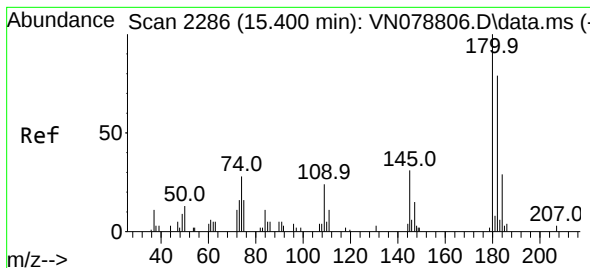
Lab File: VN078806.D

Acq: 08 Aug 2023 18:40

Tgt Ion: 75 Resp: 8617

Ion	Ratio	Lower	Upper
75	100		
155	88.4	68.2	102.2
157	107.5	84.7	127.1





#89

1,2,4-Trichlorobenzene

Concen: 17.981 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078806.D

Acq: 08 Aug 2023 18:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

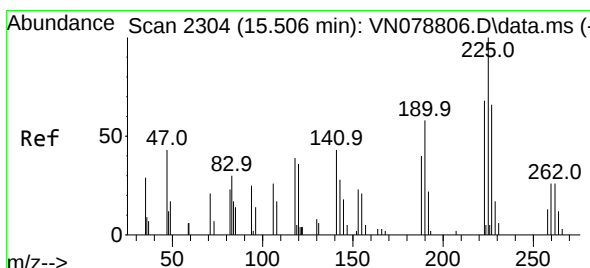
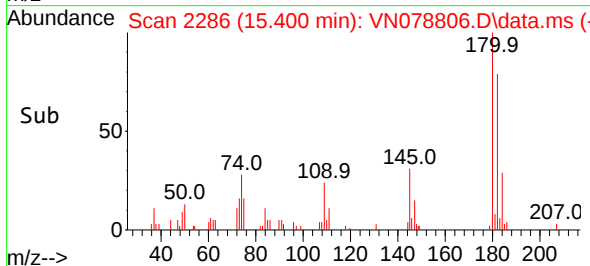
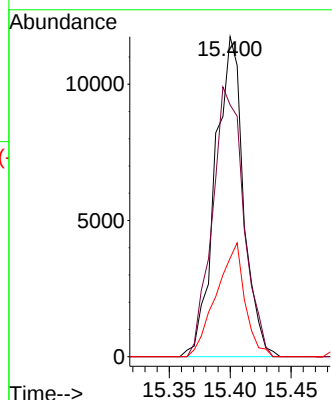
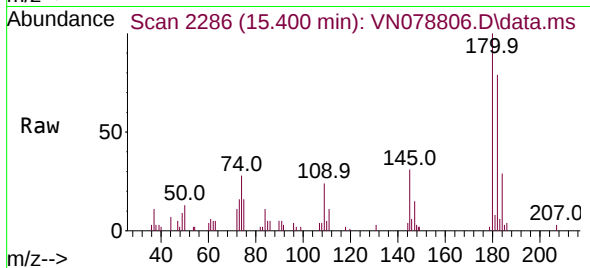
Tgt Ion:	180	Resp:	1902
Ion Ratio	Lower	Upper	
180	100		
182	93.0	73.7	110.5
145	35.8	25.0	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#90

Hexachlorobutadiene

Concen: 17.647 ug/l

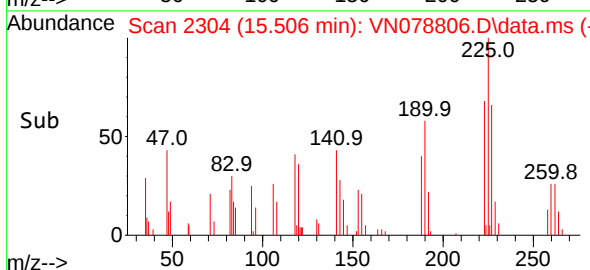
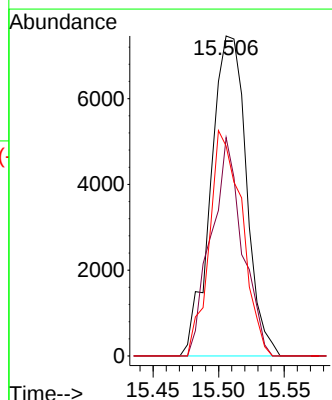
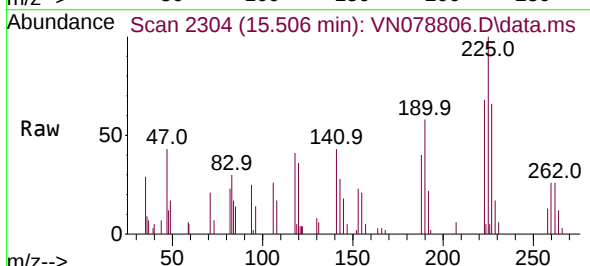
RT: 15.506 min Scan# 2304

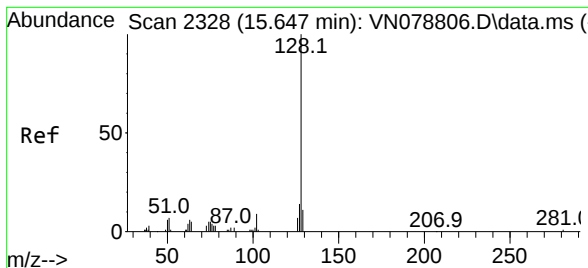
Delta R.T. 0.000 min

Lab File: VN078806.D

Acq: 08 Aug 2023 18:40

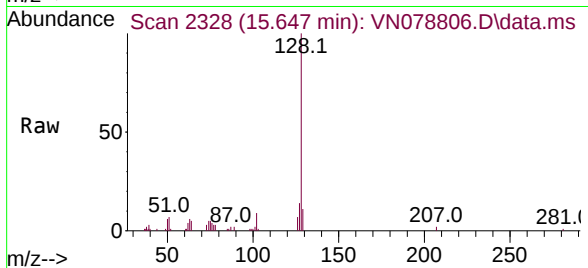
Tgt Ion:	225	Resp:	14045
Ion Ratio	Lower	Upper	
225	100		
223	60.2	0.0	130.0
227	64.5	0.0	124.0





#91
Naphthalene
Concen: 18.200 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40

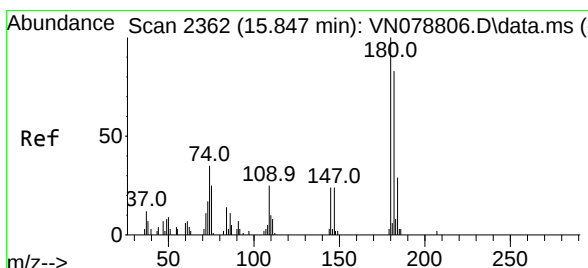
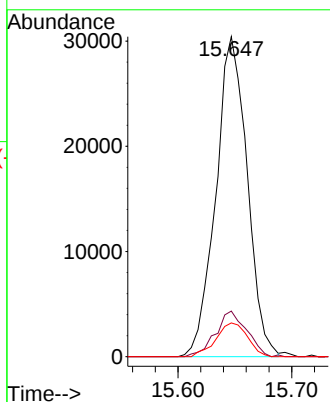
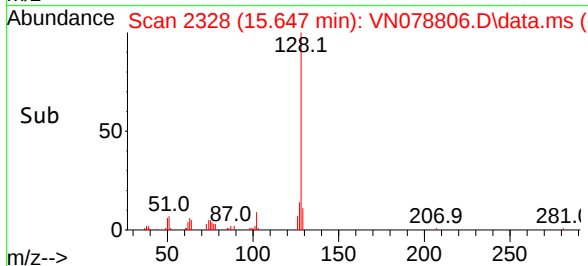
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



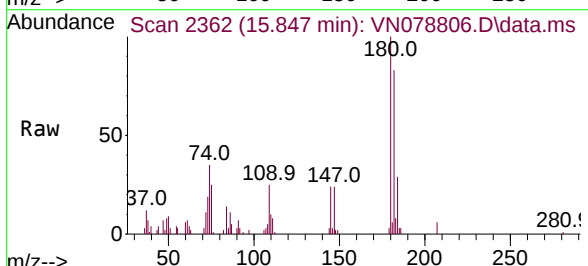
Tgt Ion:128 Resp: 58324
Ion Ratio Lower Upper
128 100
127 14.2 10.2 15.2
129 10.6 9.0 13.4

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 18.530 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078806.D
Acq: 08 Aug 2023 18:40



Tgt Ion:180 Resp: 22358
Ion Ratio Lower Upper
180 100
182 89.6 0.0 196.4
145 14.4 0.0 71.0

