

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092723\
 Data File : VN079360.D
 Acq On : 27 Sep 2023 11:53
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/28/2023
 Supervised By : Semsettin Yesilyurt 09/28/2023

Quant Time: Sep 27 23:37:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 27 23:34:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	41177	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	215147	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	191486	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	101295	29.987	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.967%		
60) 4-Bromofluorobenzene	12.853	95	74991	27.476	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	91.600%		
63) Toluene-d8	10.571	98	285287	30.325	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.067%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	13181	5.187	ug/l	90
3) Chloromethane	2.371	50	16688	5.121	ug/l	94
4) Vinyl Chloride	2.518	62	18080	5.063	ug/l	92
5) Bromomethane	2.959	94	12341m	6.146	ug/l	
6) Chloroethane	3.124	64	14061	5.527	ug/l	99
7) Trichlorofluoromethane	3.506	101	21231	5.017	ug/l	95
8) Diethyl Ether	3.959	74	7434	4.922	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	12406	5.226	ug/l	95
10) 1,1-Dichloroethene	4.348	96	10345	4.716	ug/l #	89
11) Methyl Iodide	4.589	142	11291m	4.661	ug/l	
12) Methyl Acetate	5.042	43	24672m	5.593	ug/l	
13) Acrolein	4.183	56	12183	24.328	ug/l	100
14) Acrylonitrile	5.730	53	30937	23.824	ug/l	99
15) Acetone	4.430	58	10893	25.638	ug/l	90
16) Carbon Disulfide	4.718	76	33060	4.975	ug/l	97
17) Allyl chloride	5.030	41	16337	4.639	ug/l	90
18) Methylene Chloride	5.277	84	14680	5.147	ug/l	96
19) trans-1,2-Dichloroethene	5.789	96	12887	5.558	ug/l	91
20) Diisopropyl ether	6.677	45	39560	4.749	ug/l	97
21) 1,1-Dichloroethane	6.577	63	25015	4.984	ug/l	97
22) cis-1,2-Dichloroethene	7.488	96	14675	5.026	ug/l	86
23) tert-Butyl Alcohol	5.512	59	10374m	27.188	ug/l	
24) Methyl tert-Butyl Ether	5.806	73	35810m	5.389	ug/l	
25) Chloroform	7.971	83	25487	4.974	ug/l	100
26) Cyclohexane	8.253	56	18123m	5.291	ug/l	
29) 1,1-Dichloropropene	8.377	75	17582	4.851	ug/l	82
30) 2-Butanone	7.488	43	45751	25.514	ug/l	99
31) 2,2-Dichloropropane	7.500	77	20349	5.085	ug/l #	73
32) 1,1,1-Trichloroethane	8.177	97	20652	4.914	ug/l	94
33) Carbon Tetrachloride	8.365	117	17977	4.939	ug/l	99
34) Benzene	8.606	78	54476	4.961	ug/l #	85
35) Methacrylonitrile	7.783	41	9893	5.329	ug/l	88
36) 1,2-Dichloroethane	8.671	62	20344	5.115	ug/l	100
37) Trichloroethene	9.353	130	13336	5.167	ug/l	100
38) Methylcyclohexane	9.606	83	16908	4.757	ug/l	98
39) 1,2-Dichloropropane	9.630	63	14739	5.056	ug/l #	89
40) Dibromomethane	9.718	93	9688	5.021	ug/l	97
41) Bromodichloromethane	9.894	83	19366	4.929	ug/l	99
42) Vinyl Acetate	6.612	43	112871	23.295	ug/l	99

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 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 VSTDIC005

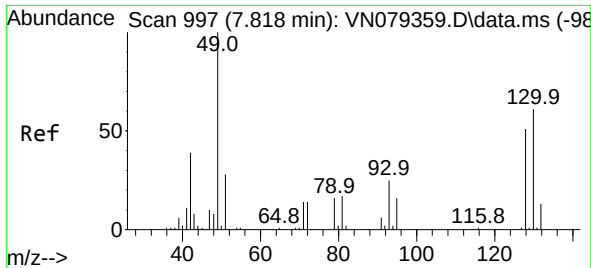
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	18285	5.119	ug/l	93
44) Isopropyl Acetate	8.688	43	27287	4.752	ug/l	100
45) 1,4-Dioxane	9.694	88	4613	97.379	ug/l #	79
46) Methyl methacrylate	9.688	41	12492	4.786	ug/l	92
47) n-amyl Acetate	12.494	43	16921	4.141	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	19783	4.957	ug/l	92
49) cis-1,3-Dichloropropene	10.318	75	19878	4.642	ug/l	97
50) 1,1,2-Trichloroethane	11.024	97	13044	4.955	ug/l #	87
51) Ethyl methacrylate	10.876	69	16134	4.509	ug/l	93
52) 1,3-Dichloropropane	11.165	76	23728	5.053	ug/l	98
53) Dibromochloromethane	11.365	129	12331	4.628	ug/l	97
54) 1,2-Dibromoethane	11.471	107	12106	4.716	ug/l	92
55) 2-Chloroethyl vinyl ether	10.165	63	30436	21.880	ug/l	99
56) Bromoform	12.582	173	7537	4.440	ug/l	95
58) 4-Methyl-2-Pentanone	10.447	43	80629	23.529	ug/l	99
59) 2-Hexanone	11.200	43	58599	23.902	ug/l	97
61) Tetrachloroethene	11.106	164	10853	5.083	ug/l #	85
62) Toluene	10.635	91	58198	5.074	ug/l	99
64) Chlorobenzene	11.894	112	32827	4.986	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.965	131	12301	4.995	ug/l	95
66) Ethyl Benzene	11.971	91	54604	4.706	ug/l	96
67) m/p-Xylenes	12.076	106	38988	9.089	ug/l	98
68) o-Xylene	12.400	106	18729	4.537	ug/l	97
69) Styrene	12.412	104	27793	4.274	ug/l	98
70) Isopropylbenzene	12.700	105	47113	4.486	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	19207	5.105	ug/l	96
72) 1,2,3-Trichloropropane	12.994	75	17991m	4.698	ug/l	
73) Bromobenzene	12.982	156	11978	4.871	ug/l	96
74) n-propylbenzene	13.041	91	55243	4.443	ug/l	98
75) 2-Chlorotoluene	13.129	91	35457	4.671	ug/l	97
76) 1,3,5-Trimethylbenzene	13.176	105	38525	4.414	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	4369	4.381	ug/l	97
78) 4-Chlorotoluene	13.223	91	30994	4.394	ug/l	99
79) tert-butylbenzene	13.441	119	31066	4.296	ug/l	100
80) 1,2,4-Trimethylbenzene	13.488	105	35270	4.131	ug/l	99
81) sec-Butylbenzene	13.617	105	45445	4.380	ug/l	100
82) p-Isopropyltoluene	13.735	119	35753	4.347	ug/l	96
83) 1,3-Dichlorobenzene	13.735	146	18075	4.347	ug/l	97
84) 1,4-Dichlorobenzene	13.817	146	15788	4.051	ug/l	98
85) n-Butylbenzene	14.059	91	25080	3.977	ug/l	100
86) Hexachloroethane	14.335	117	7997	4.693	ug/l	97
87) 1,2-Dichlorobenzene	14.112	146	17223	4.193	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.723	75	2672	4.603	ug/l	97
89) 1,2,4-Trichlorobenzene	15.847	180	5489	3.827	ug/l	92
90) Hexachlorobutadiene	15.500	225	5434	4.971	ug/l	95
91) Naphthalene	15.647	128	11746	3.416	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	5489	3.620	ug/l	92

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Instrument :

MSVOA_N

ClientSampleId :

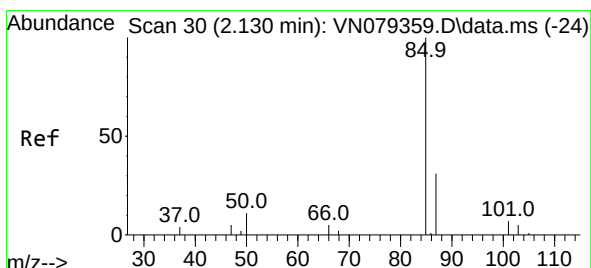
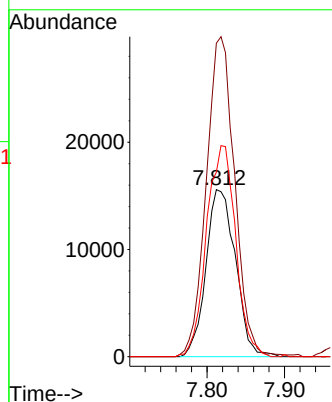
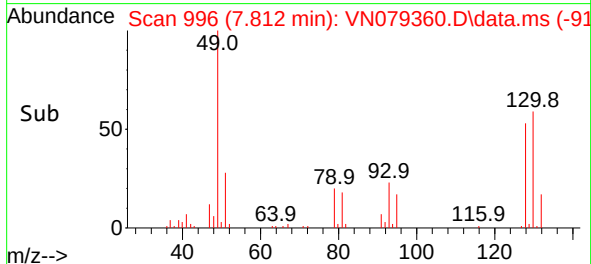
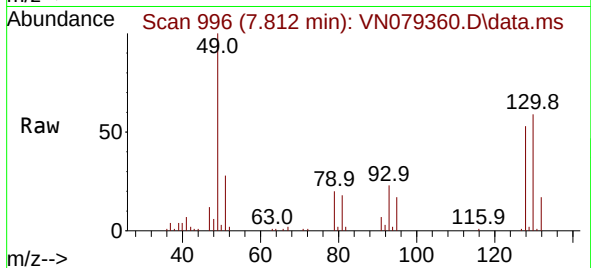
VSTDIC005

Tgt Ion:128 Resp: 4117
Ion Ratio Lower Upper
128 100
49 184.5 0.0 468.5
130 125.1 0.0 320.7

Manual Integrations

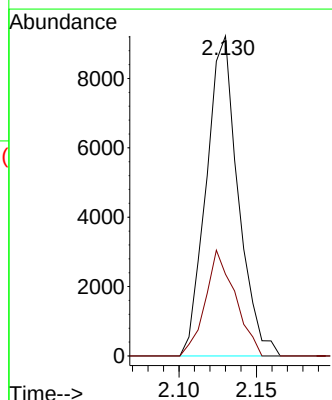
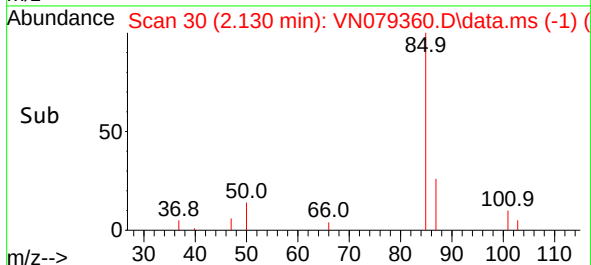
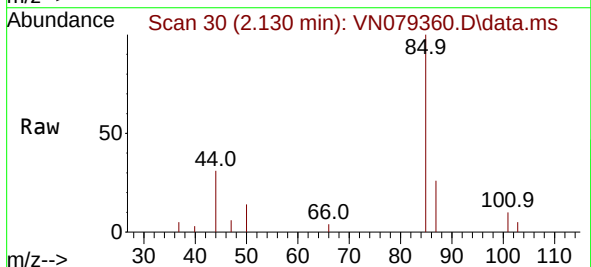
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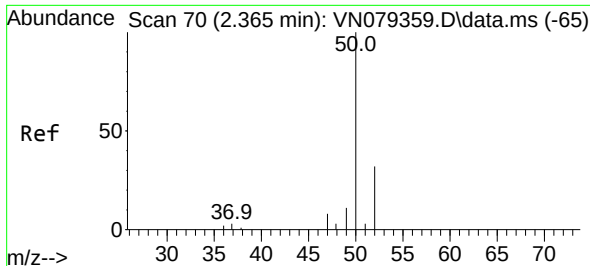
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#2
Dichlorodifluoromethane
Concen: 5.187 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Tgt Ion: 85 Resp: 13181
Ion Ratio Lower Upper
85 100
87 25.6 15.6 46.7





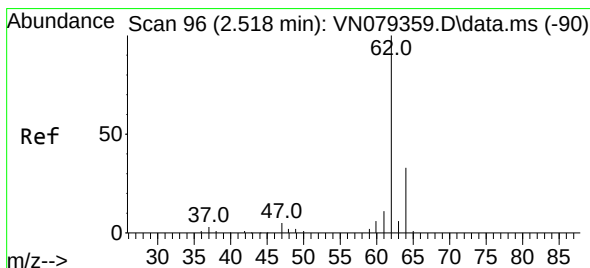
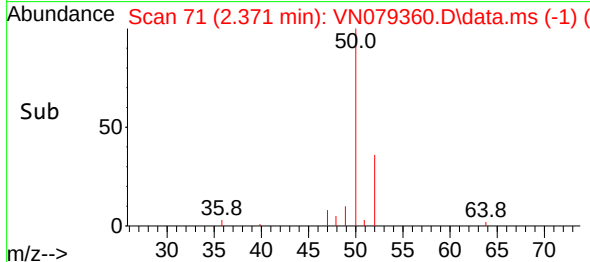
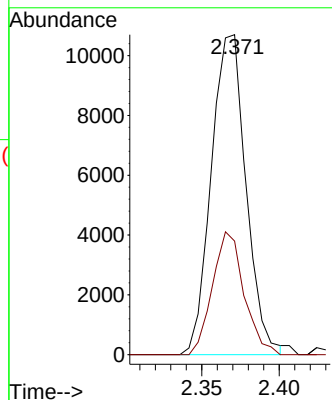
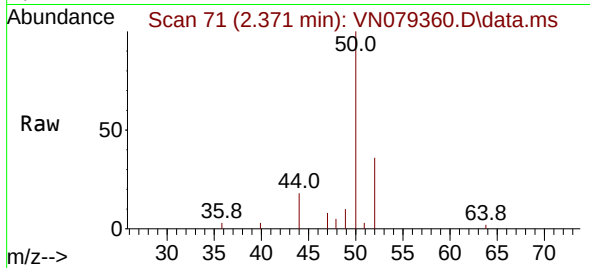
#3
Chloromethane
Concen: 5.121 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 1668
Ion Ratio Lower Upper
50 100
52 35.5 25.6 38.4

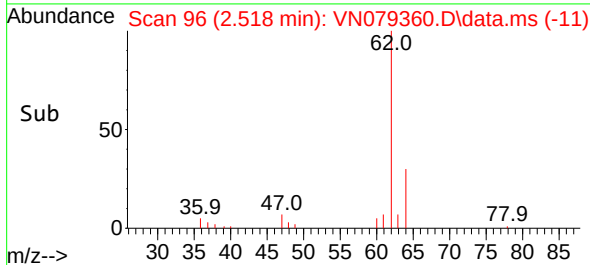
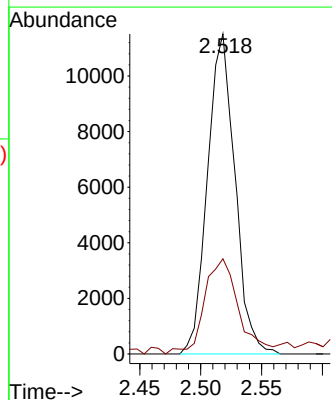
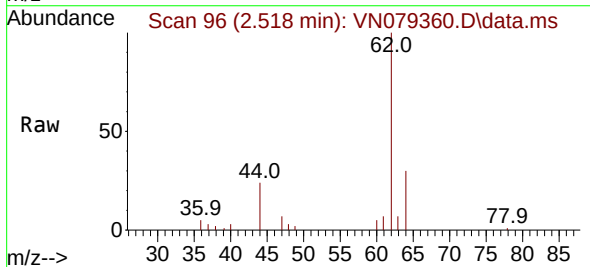
Manual Integrations
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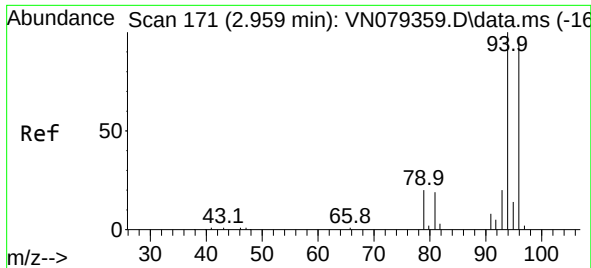
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#4
Vinyl Chloride
Concen: 5.063 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Tgt Ion: 62 Resp: 18080
Ion Ratio Lower Upper
62 100
64 28.2 26.4 39.6





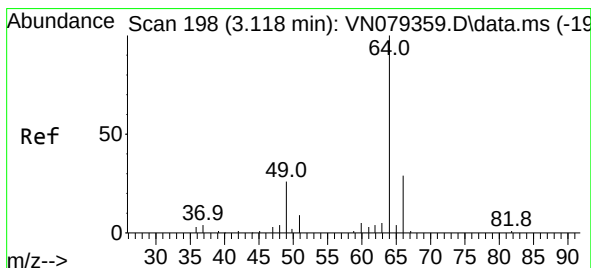
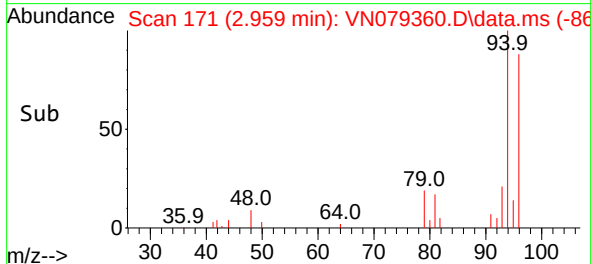
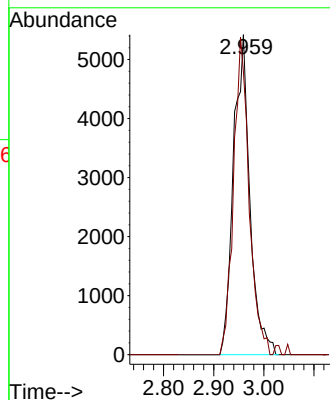
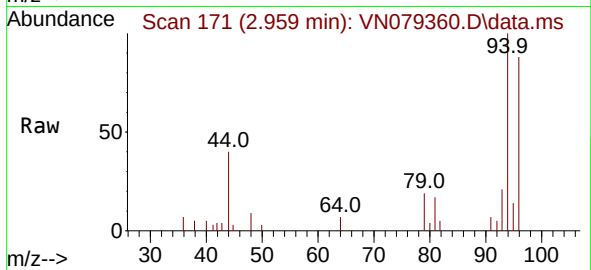
#5
Bromomethane
Concen: 6.146 ug/l m
RT: 2.959 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 1234
Ion Ratio Lower Upper
94 100
96 88.5 77.8 116.6

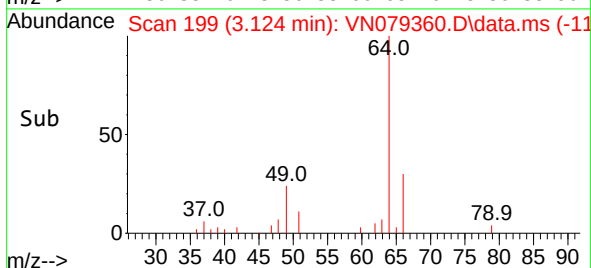
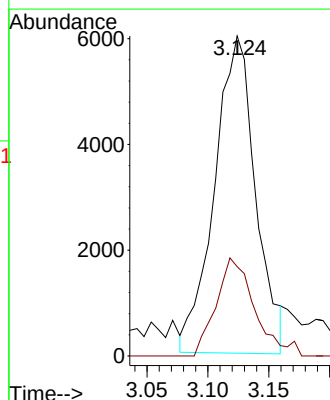
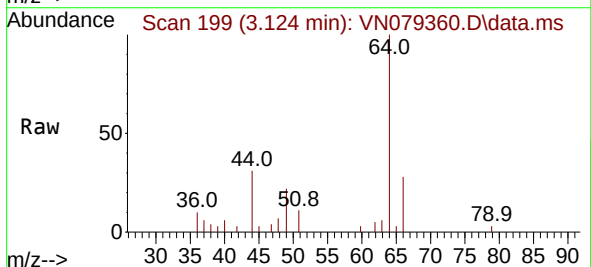
Manual Integrations
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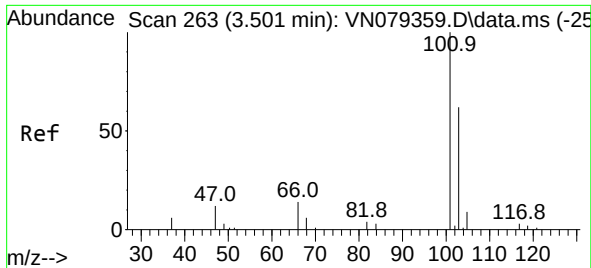
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#6
Chloroethane
Concen: 5.527 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Tgt Ion: 64 Resp: 14061
Ion Ratio Lower Upper
64 100
66 29.8 23.3 34.9





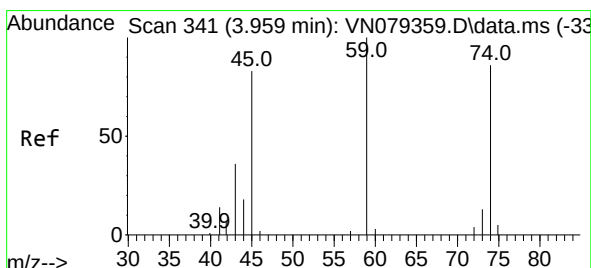
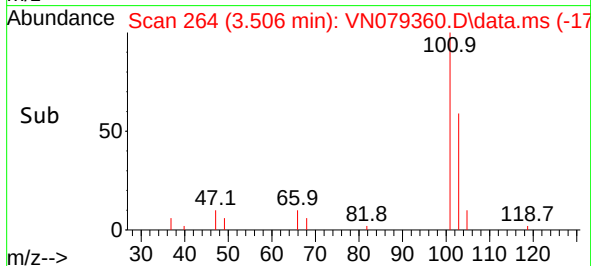
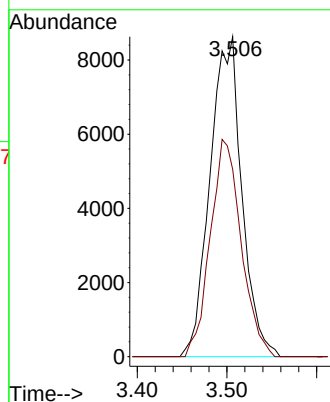
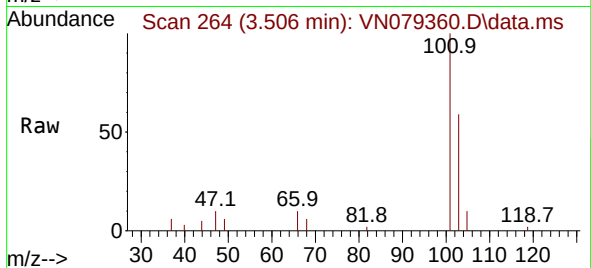
#7
Trichlorofluoromethane
Concen: 5.017 ug/l
RT: 3.506 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 2123
Ion Ratio Lower Upper
101 100
103 58.6 49.9 74.9

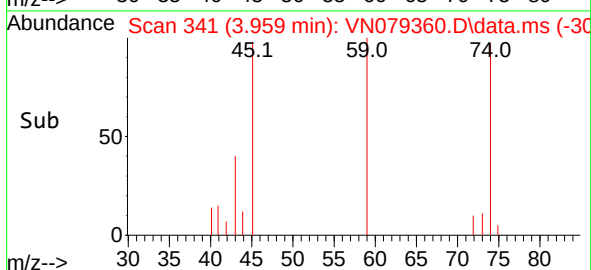
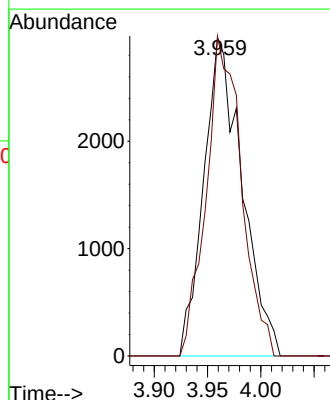
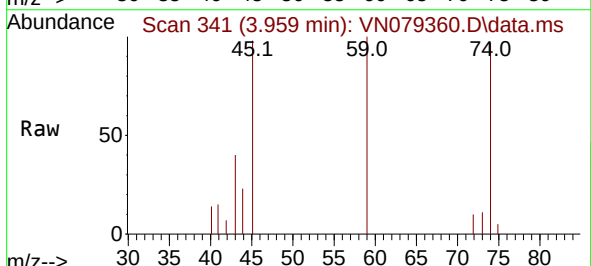
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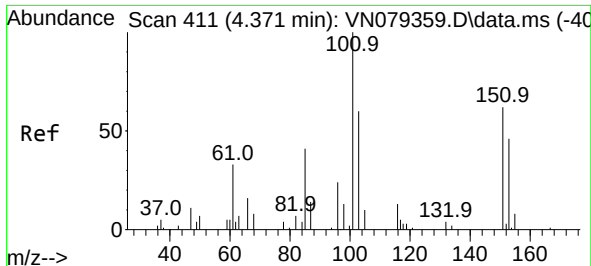
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#8
Diethyl Ether
Concen: 4.922 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Tgt Ion: 74 Resp: 7434
Ion Ratio Lower Upper
74 100
45 92.2 19.0 171.0





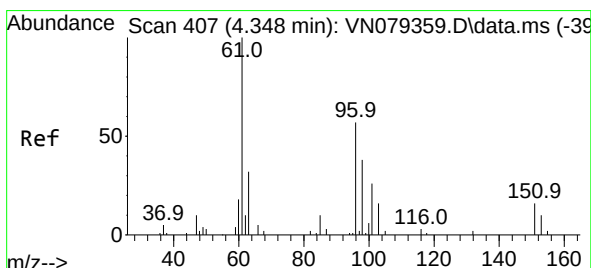
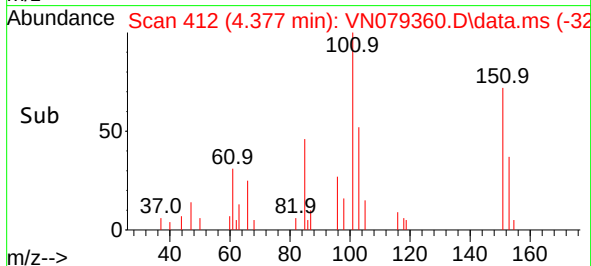
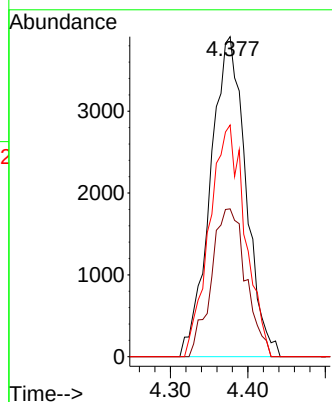
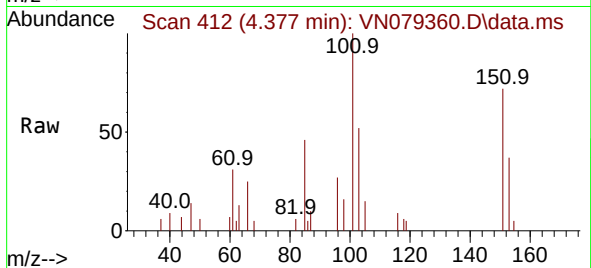
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.226 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 12400
Ion Ratio Lower Upper
101 100
85 42.1 0.0 92.0
151 73.0 0.0 138.4

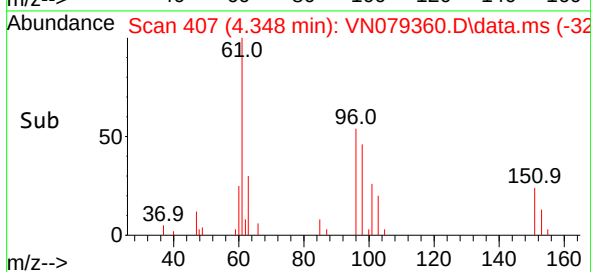
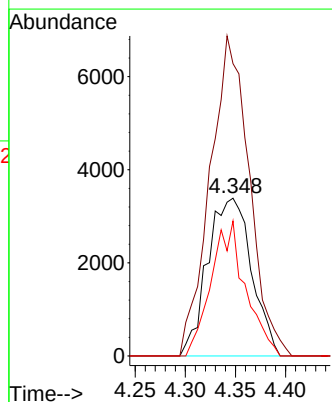
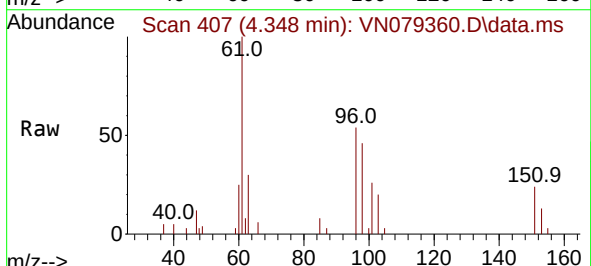
Manual Integrations
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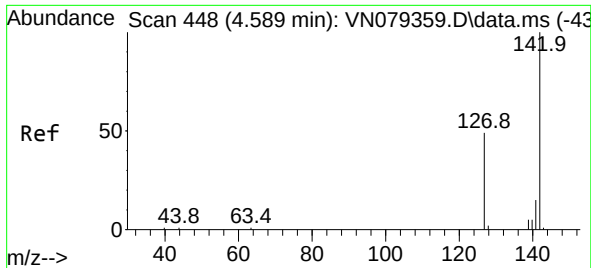
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#10
1,1-Dichloroethene
Concen: 4.716 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

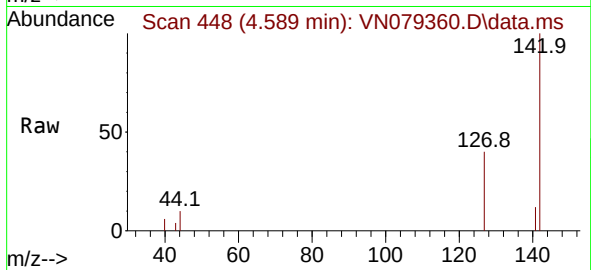
Tgt Ion: 96 Resp: 10345
Ion Ratio Lower Upper
96 100
61 185.2 141.3 211.9
98 85.5 53.2 79.8#





#11
Methyl Iodide
Concen: 4.661 ug/l m
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

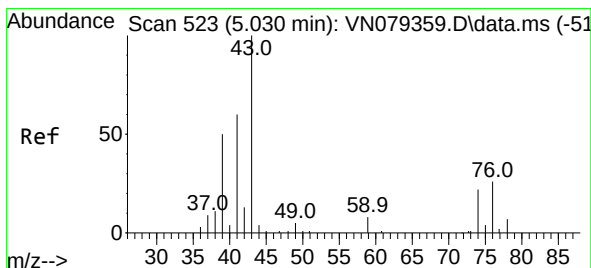
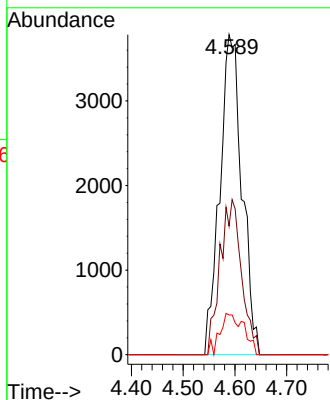
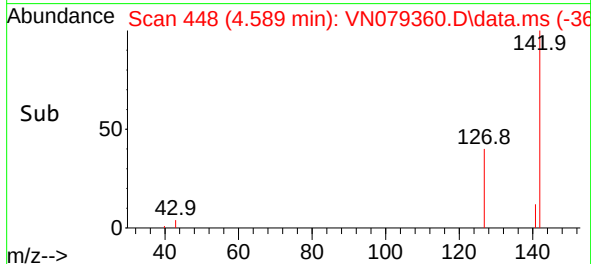
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC005



Tgt Ion:142 Resp: 1129
Ion Ratio Lower Upper
142 100
127 40.2 24.6 73.8
141 12.4 7.7 23.1

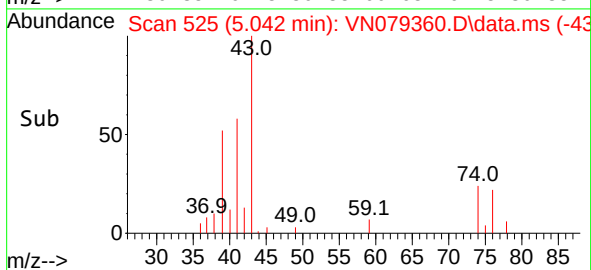
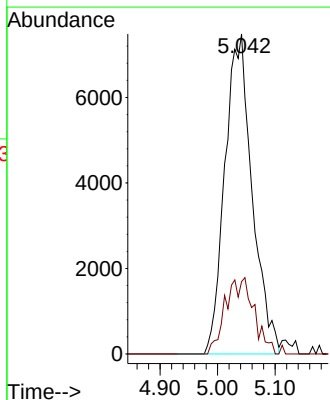
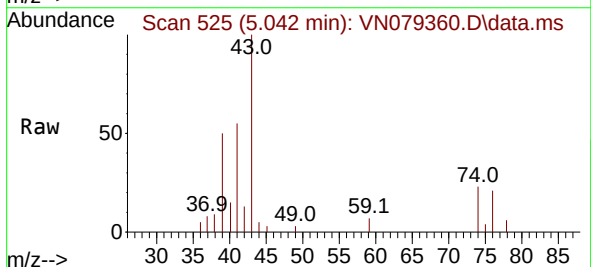
Manual Integrations
APPROVED

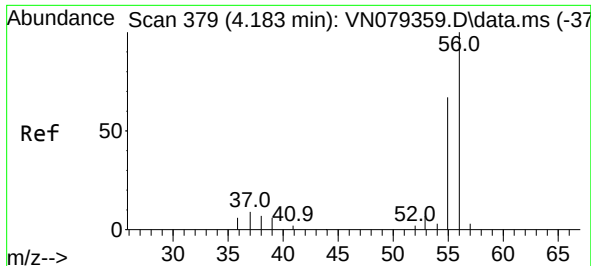
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#12
Methyl Acetate
Concen: 5.593 ug/l m
RT: 5.042 min Scan# 525
Delta R.T. 0.012 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

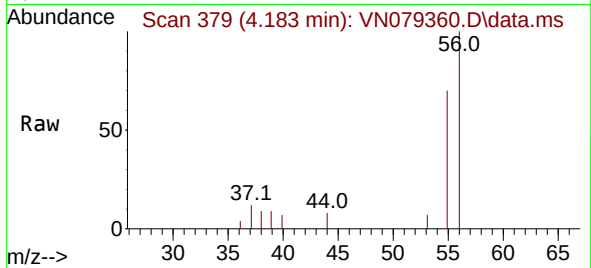
Tgt Ion: 43 Resp: 24672
Ion Ratio Lower Upper
43 100
74 22.6 18.1 27.1





#13
Acrolein
Concen: 24.328 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

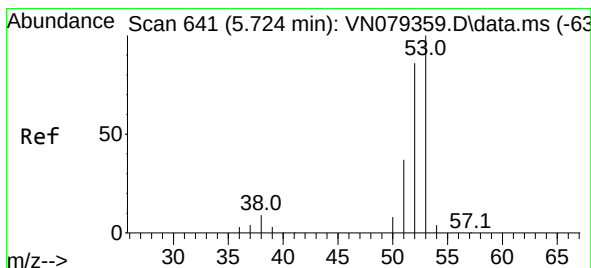
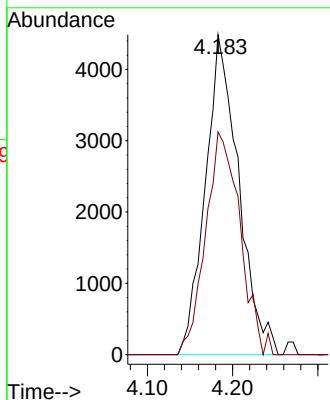
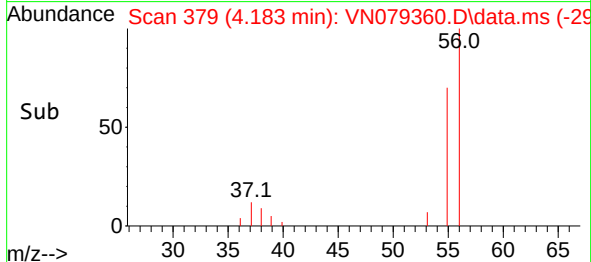
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



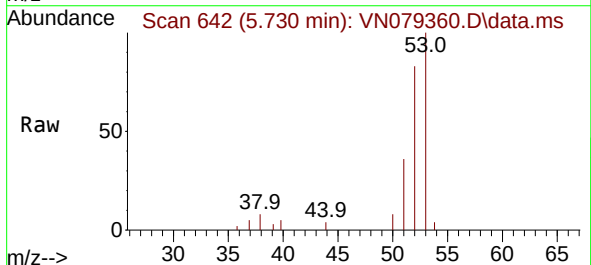
Tgt Ion: 56 Resp: 1218
Ion Ratio Lower Upper
56 100
55 71.1 57.1 85.7

Manual Integrations
APPROVED

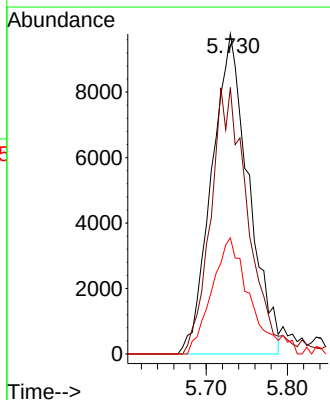
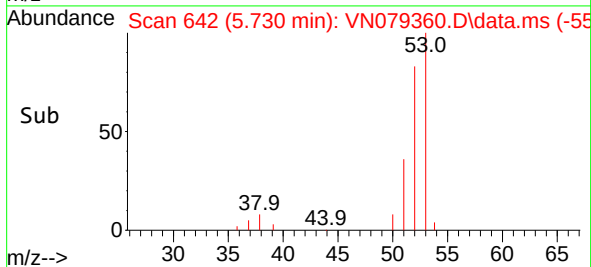
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

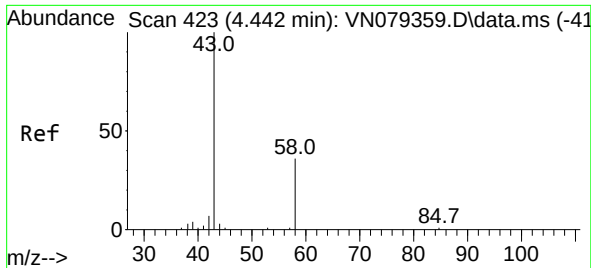


#14
Acrylonitrile
Concen: 23.824 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53



Tgt Ion: 53 Resp: 30937
Ion Ratio Lower Upper
53 100
52 82.1 41.6 124.9
51 36.0 17.8 53.3





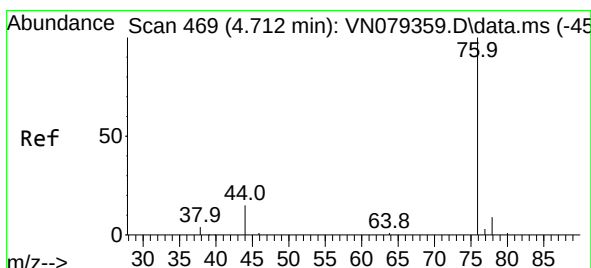
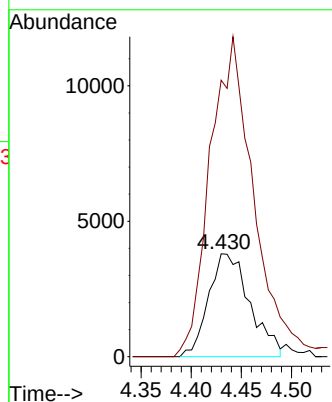
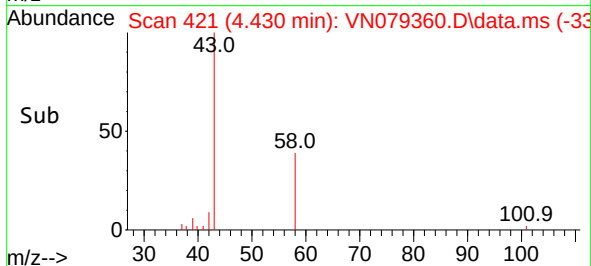
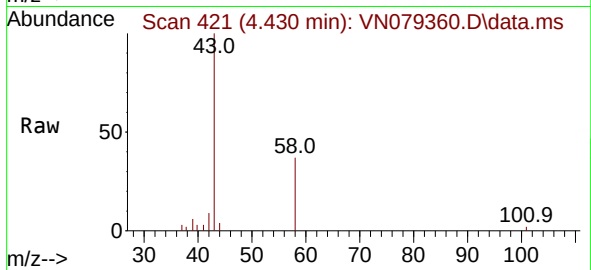
#15
Acetone
Concen: 25.638 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 58 Resp: 1089
Ion Ratio Lower Upper
58 100
43 262.0 225.2 337.8

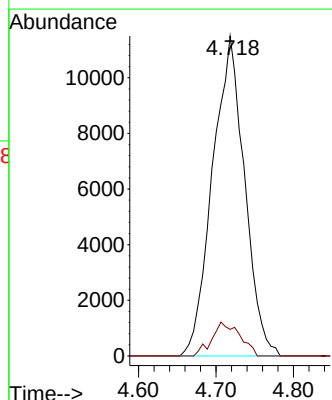
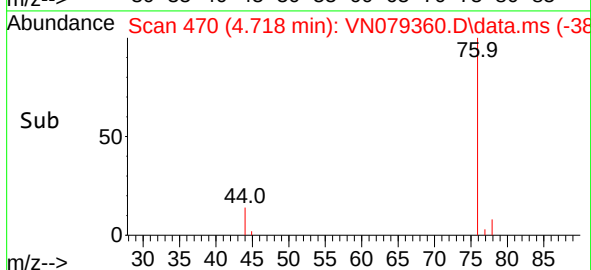
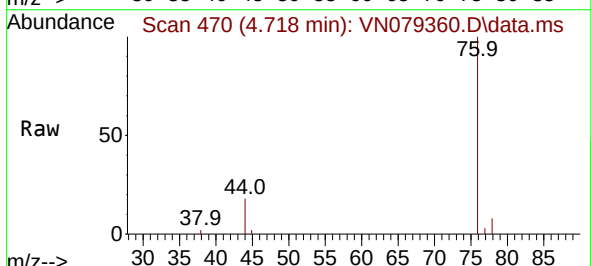
Manual Integrations
APPROVED

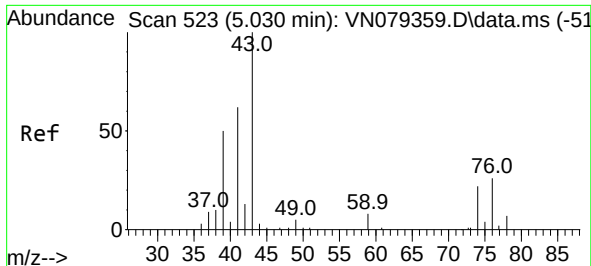
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#16
Carbon Disulfide
Concen: 4.975 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Tgt Ion: 76 Resp: 33060
Ion Ratio Lower Upper
76 100
78 8.3 7.5 11.3





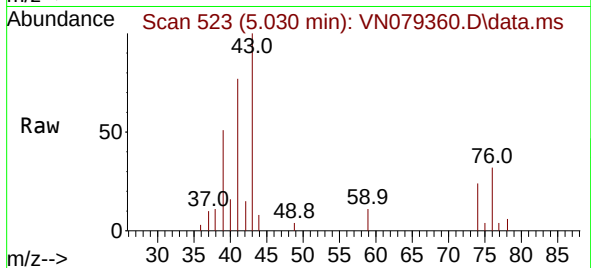
#17
 Allyl chloride
 Concen: 4.639 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN079360.D
 Acq: 27 Sep 2023 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



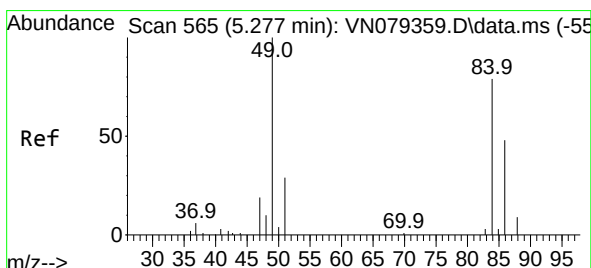
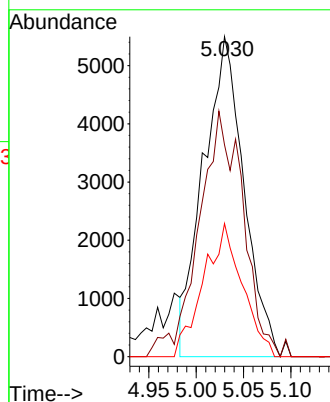
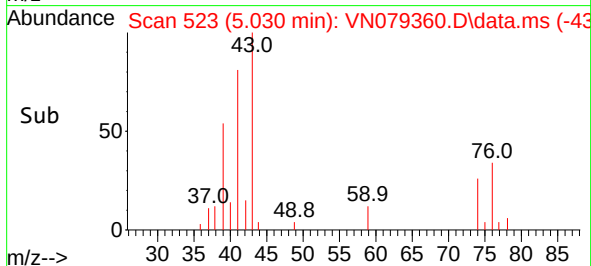
Tgt Ion: 41 Resp: 1633
 Ion Ratio Lower Upper
 41 100
 39 66.2 38.4 115.2
 76 41.6 19.5 58.5

Manual Integrations

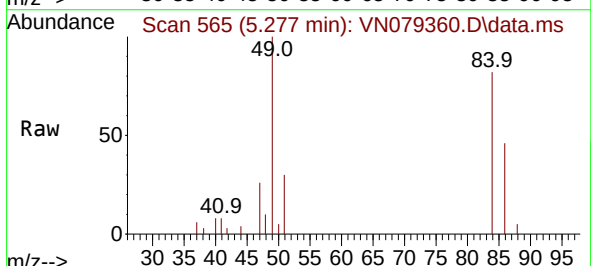
APPROVED

Reviewed By :John Carlone 09/28/2023

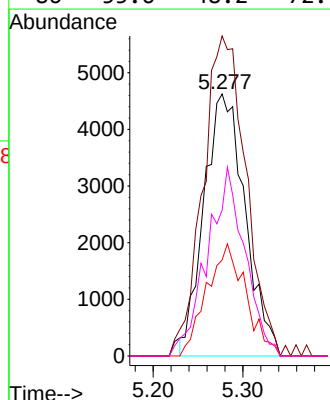
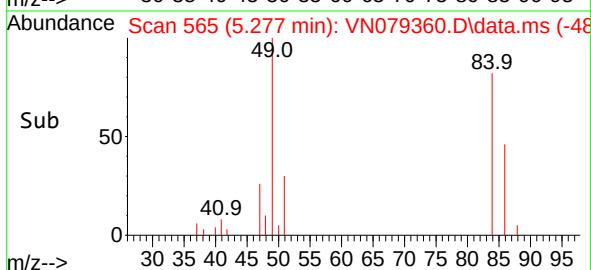
Supervised By :Semsettin Yesilyurt 09/28/2023

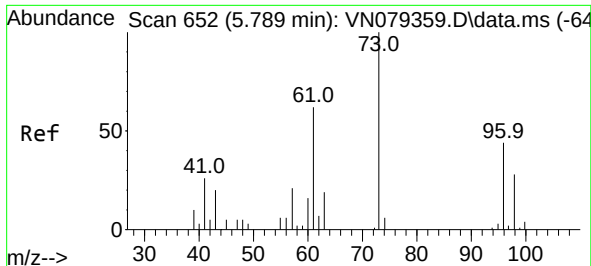


#18
 Methylene Chloride
 Concen: 5.147 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: VN079360.D
 Acq: 27 Sep 2023 11:53



Tgt Ion: 84 Resp: 14680
 Ion Ratio Lower Upper
 84 100
 49 122.2 100.9 151.3
 51 36.6 29.4 44.2
 86 55.6 48.2 72.4





#19

trans-1,2-Dichloroethene

Concen: 5.558 ug/l

RT: 5.789 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN079360.D

Acq: 27 Sep 2023 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 1288

Ion Ratio Lower Upper

96 100

61 133.3 113.4 170.0

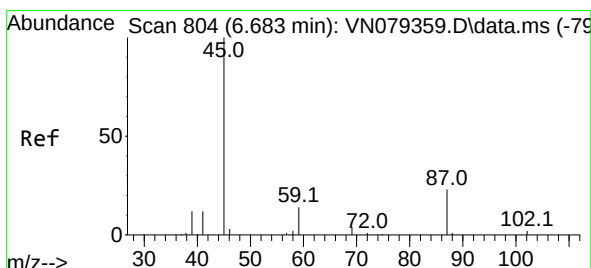
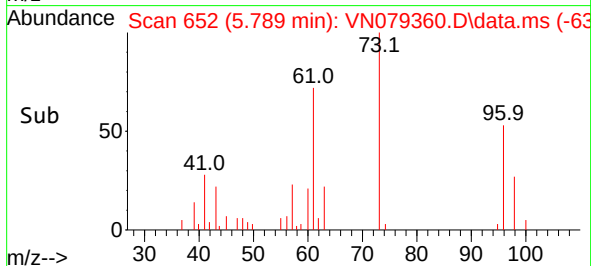
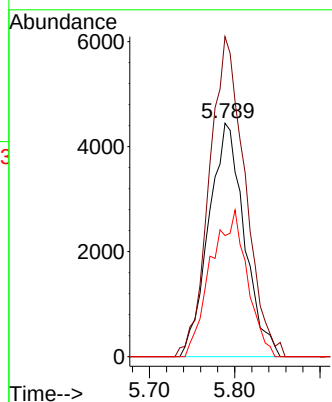
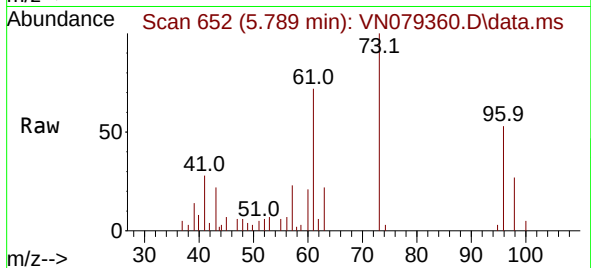
98 51.9 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#20

Diisopropyl ether

Concen: 4.749 ug/l

RT: 6.677 min Scan# 803

Delta R.T. -0.006 min

Lab File: VN079360.D

Acq: 27 Sep 2023 11:53

Tgt Ion: 45 Resp: 39560

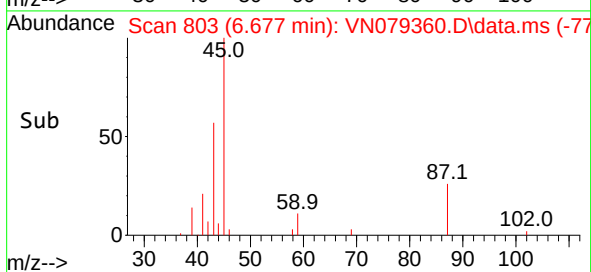
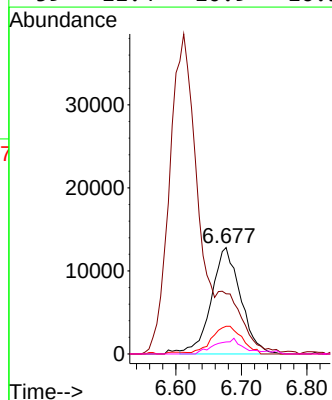
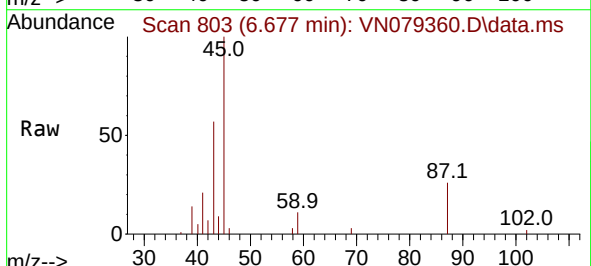
Ion Ratio Lower Upper

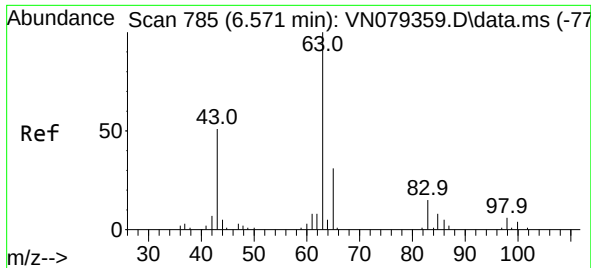
45 100

43 54.7 42.1 63.1

87 26.0 20.5 30.7

59 11.4 10.9 16.3





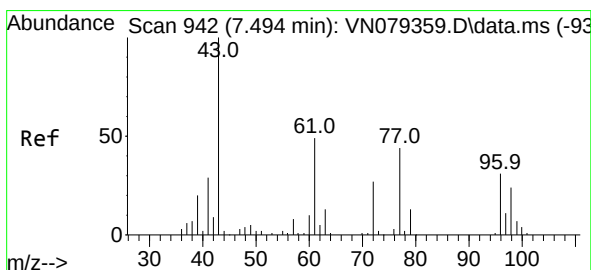
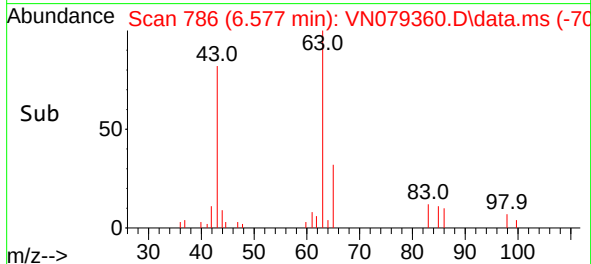
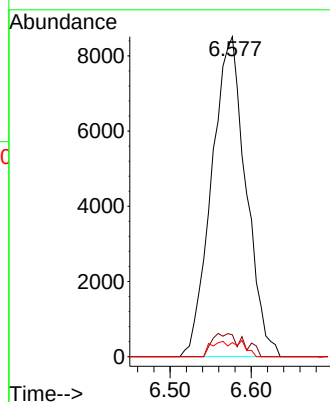
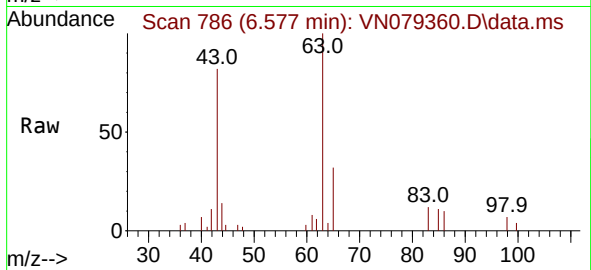
#21
1,1-Dichloroethane
Concen: 4.984 ug/l
RT: 6.577 min Scan# 785
Delta R.T. 0.006 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 2501
Ion Ratio Lower Upper
63 100
98 6.9 2.8 8.4
100 4.4 1.9 5.7

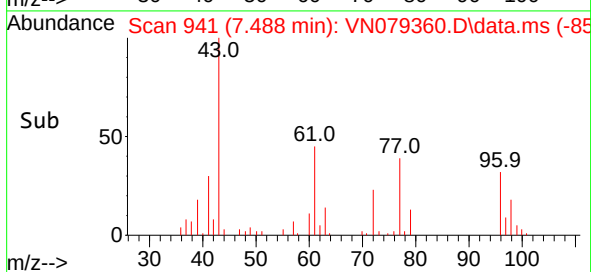
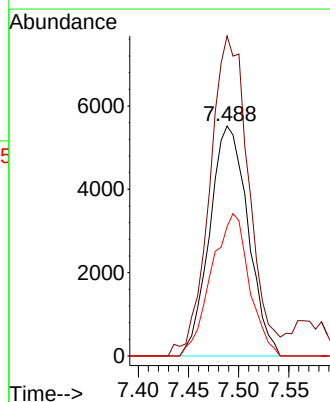
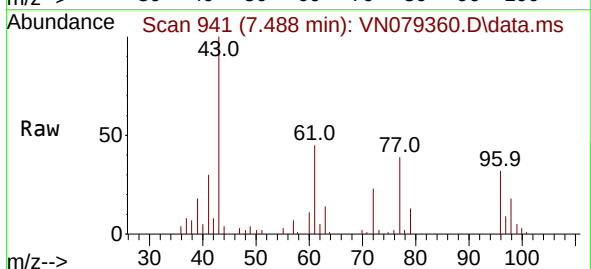
Manual Integrations
APPROVED

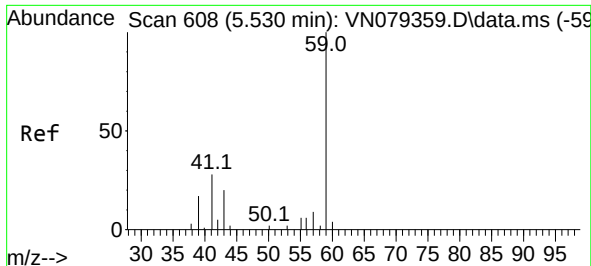
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#22
cis-1,2-Dichloroethene
Concen: 5.026 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Tgt Ion: 96 Resp: 14675
Ion Ratio Lower Upper
96 100
61 134.8 124.6 186.8
98 61.0 54.2 81.4





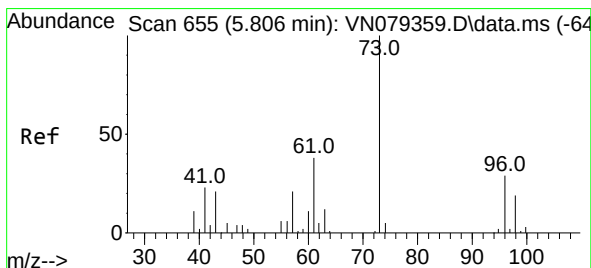
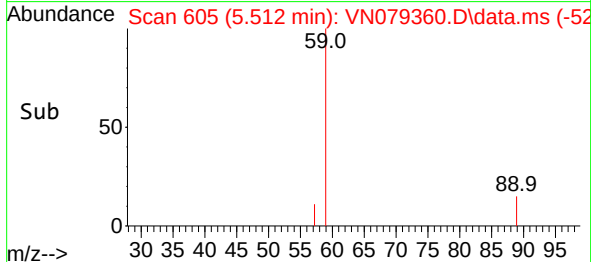
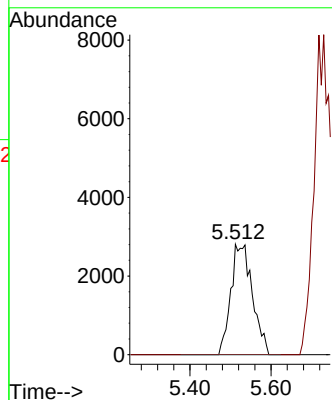
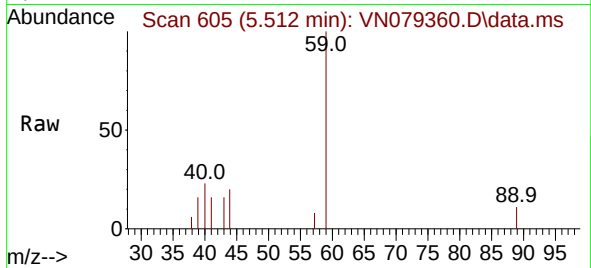
#23
tert-Butyl Alcohol
Concen: 27.188 ug/l m
RT: 5.512 min Scan# 608
Delta R.T. -0.018 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 10374
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

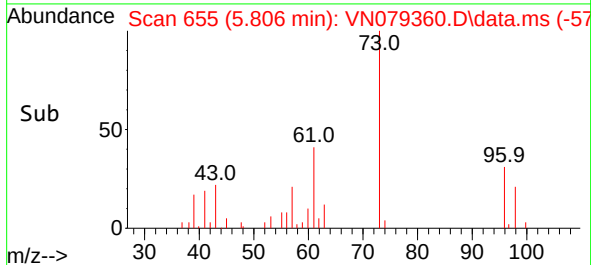
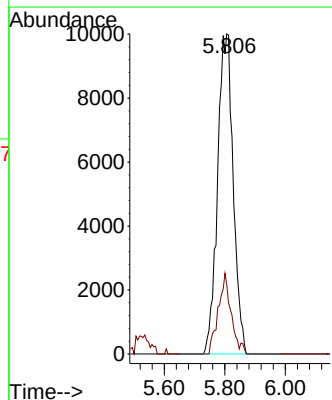
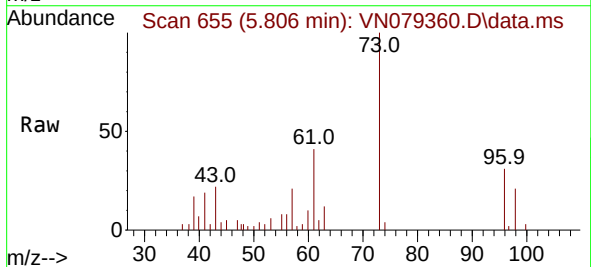
Manual Integrations
APPROVED

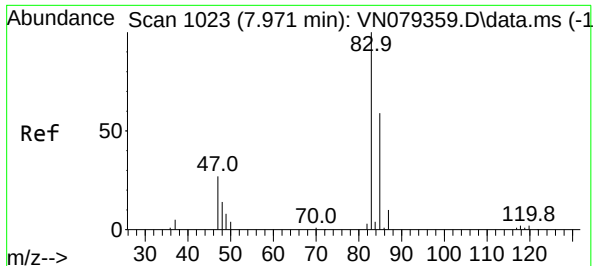
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#24
Methyl tert-Butyl Ether
Concen: 5.389 ug/l m
RT: 5.806 min Scan# 655
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Tgt Ion: 73 Resp: 35810
Ion Ratio Lower Upper
73 100
43 16.0 16.6 24.8#





#25

Chloroform

Concen: 4.974 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN079360.D

Acq: 27 Sep 2023 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 83 Resp: 2548

Ion Ratio Lower Upper

83 100

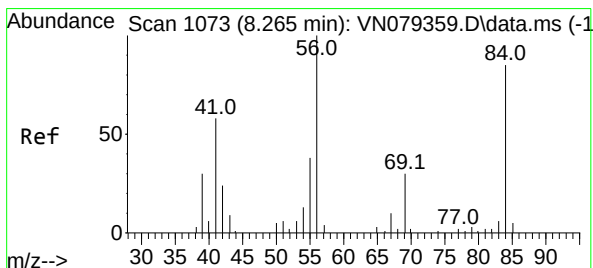
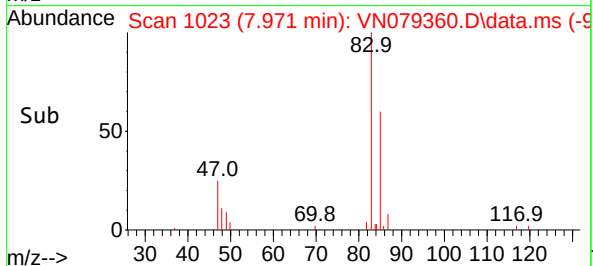
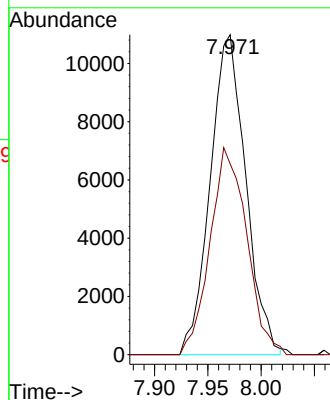
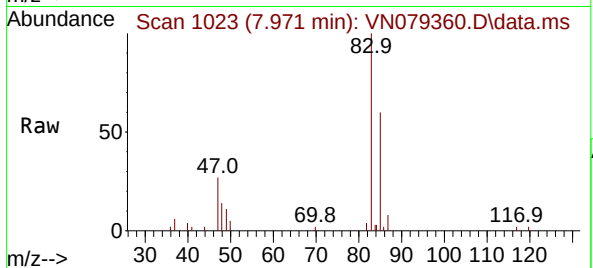
85 59.6 47.4 71.2

Manual Integrations

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Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#26

Cyclohexane

Concen: 5.291 ug/l m

RT: 8.253 min Scan# 1071

Delta R.T. -0.012 min

Lab File: VN079360.D

Acq: 27 Sep 2023 11:53

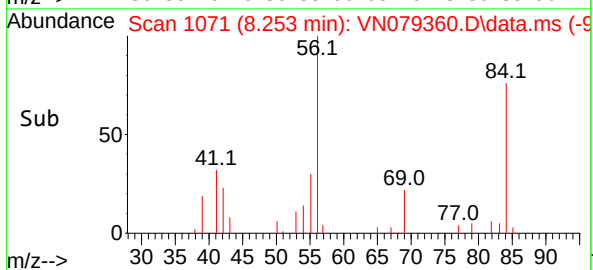
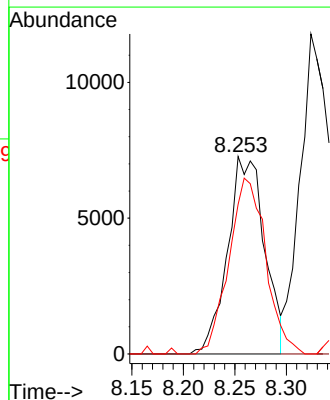
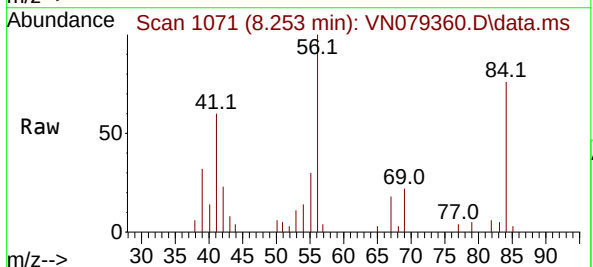
Tgt Ion: 56 Resp: 18123

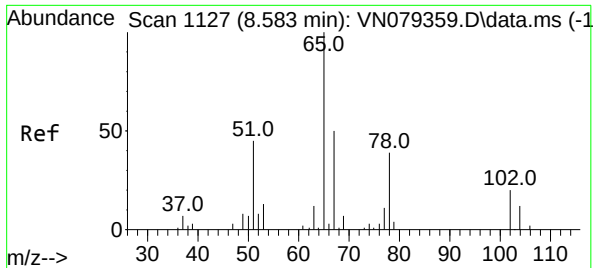
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 88.8 69.0 103.4





#27
1,2-Dichloroethane-d4
Concen: 29.987 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Instrument :

MSVOA_N

ClientSampleId :

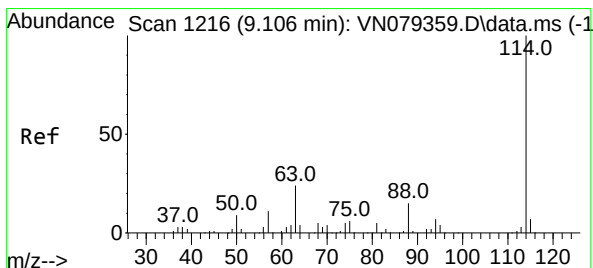
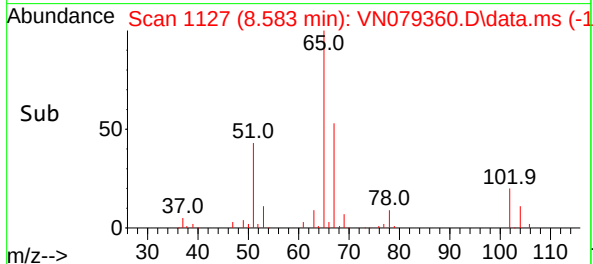
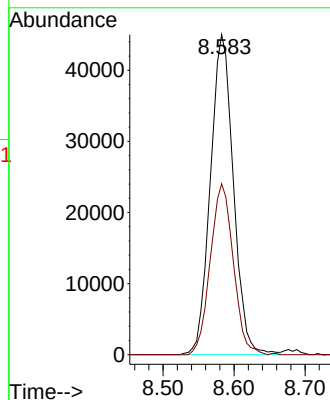
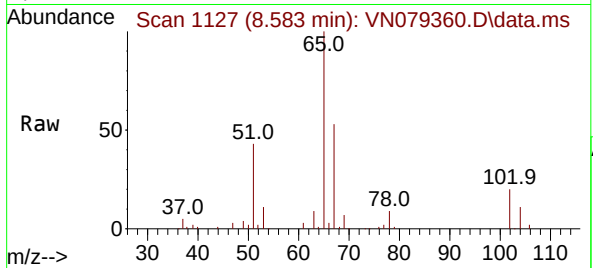
VSTDIC005

Tgt Ion: 65 Resp: 10129
Ion Ratio Lower Upper
65 100
67 53.2 42.1 63.1

Manual Integrations

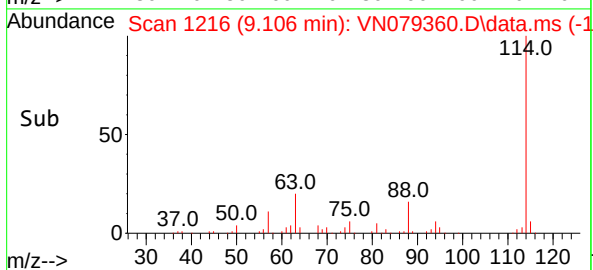
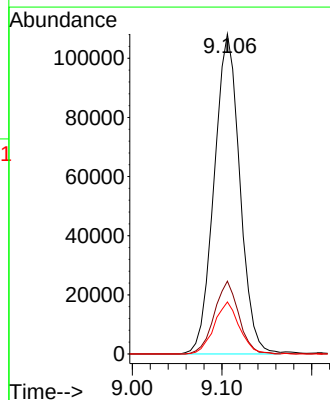
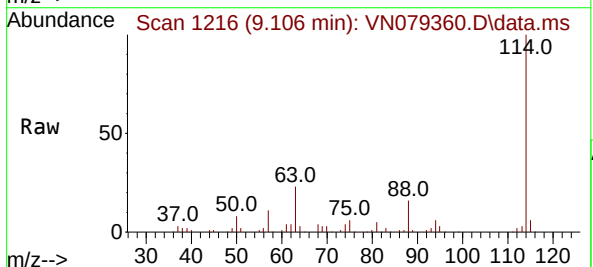
APPROVED

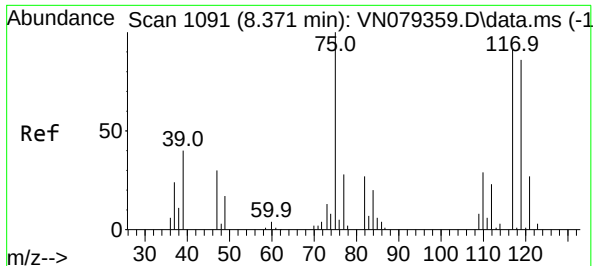
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Tgt Ion:114 Resp: 215147
Ion Ratio Lower Upper
114 100
63 21.6 18.1 27.1
88 16.0 12.2 18.2





#29

1,1-Dichloropropene

Concen: 4.851 ug/l

RT: 8.377 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN079360.D

Acq: 27 Sep 2023 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

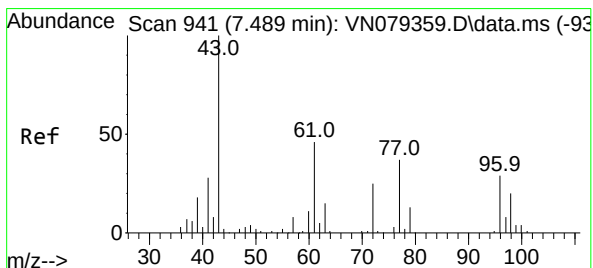
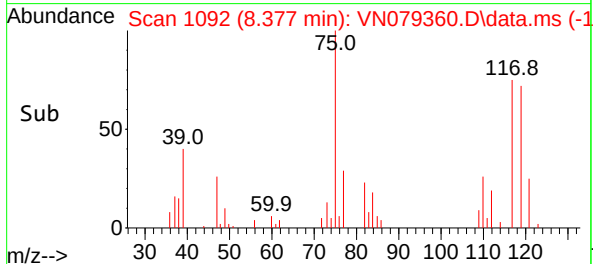
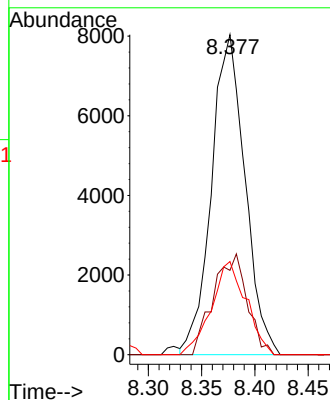
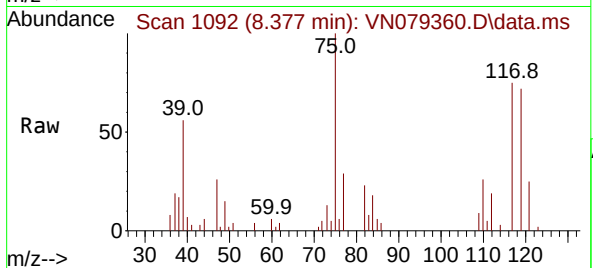
Tgt Ion:	75	Resp:	1758
Ion Ratio	Lower	Upper	
75	100		
110	13.6	0.0	66.8
77	30.2	0.0	61.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#30

2-Butanone

Concen: 25.514 ug/l

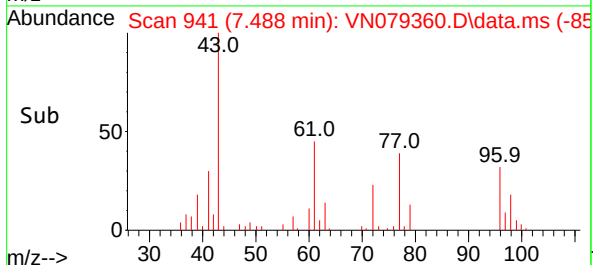
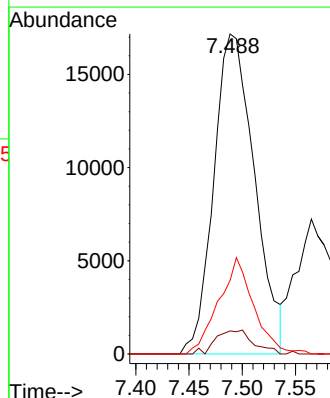
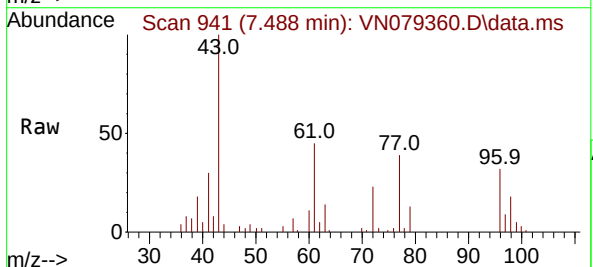
RT: 7.488 min Scan# 941

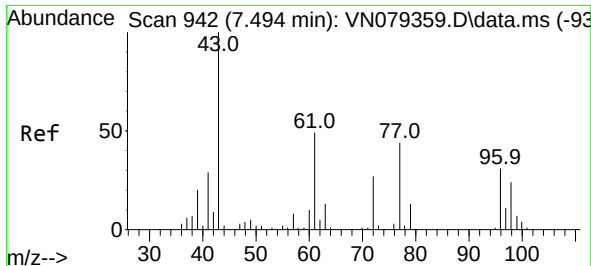
Delta R.T. -0.000 min

Lab File: VN079360.D

Acq: 27 Sep 2023 11:53

Tgt Ion:	43	Resp:	45751
Ion Ratio	Lower	Upper	
43	100		
57	6.6	6.4	9.6
72	25.7	20.7	31.1





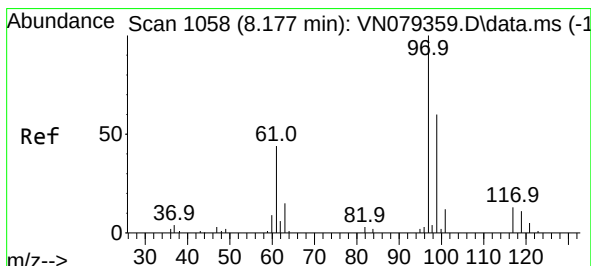
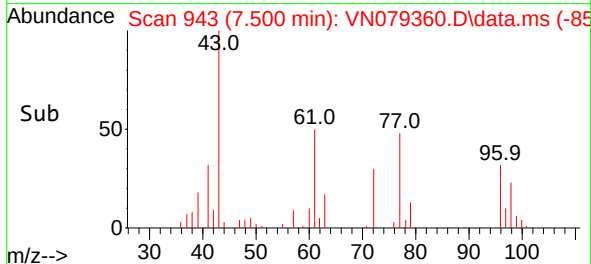
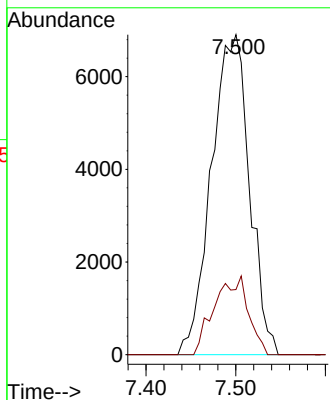
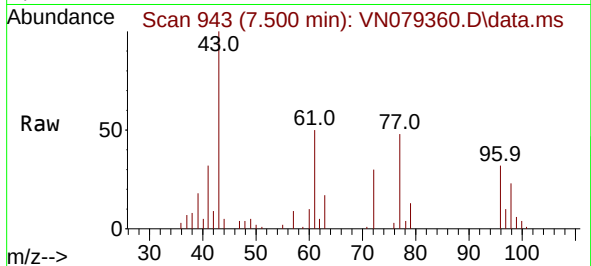
#31
2,2-Dichloropropane
Concen: 5.085 ug/l
RT: 7.500 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 77 Resp: 20349
Ion Ratio Lower Upper
77 100
97 9.5 17.9 26.9

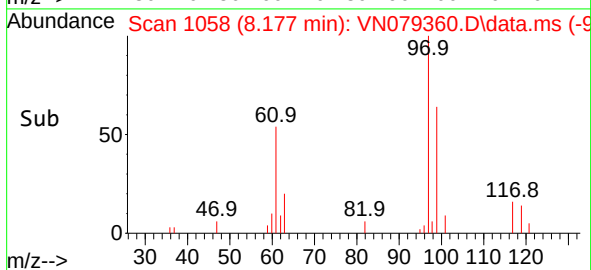
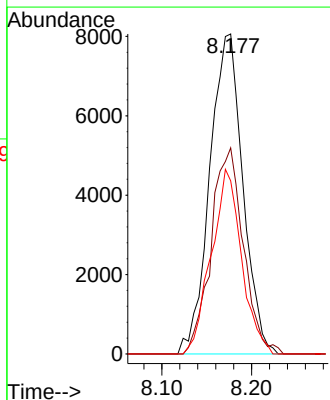
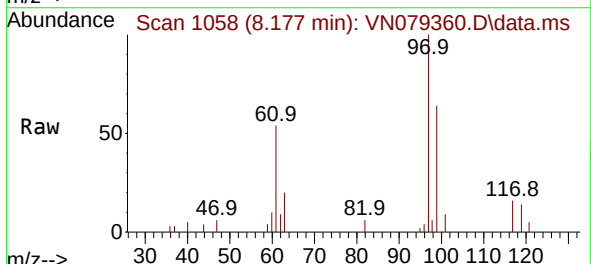
Manual Integrations
APPROVED

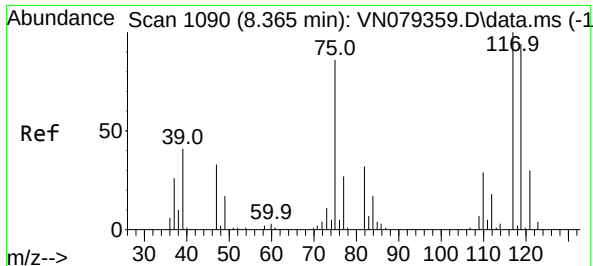
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#32
1,1,1-Trichloroethane
Concen: 4.914 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

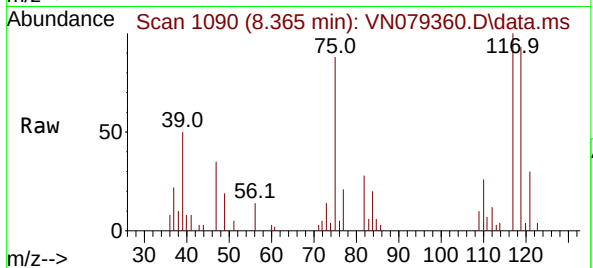
Tgt Ion: 97 Resp: 20652
Ion Ratio Lower Upper
97 100
99 62.0 51.9 77.9
61 52.8 37.6 56.4





#33
Carbon Tetrachloride
Concen: 4.939 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

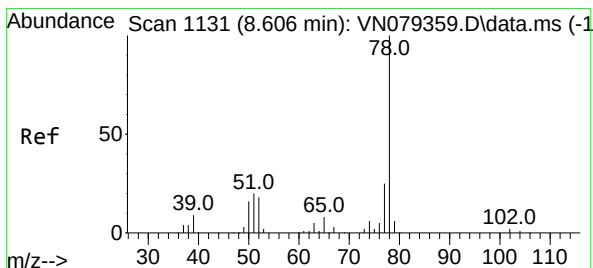
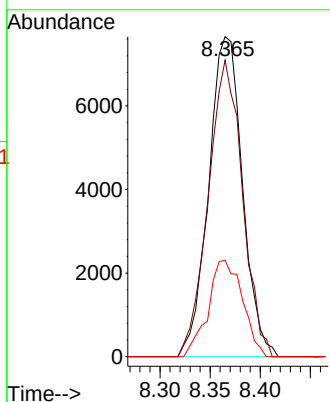
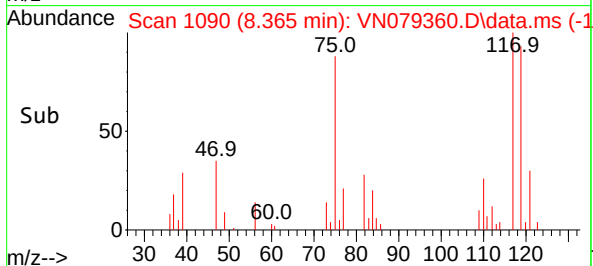
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



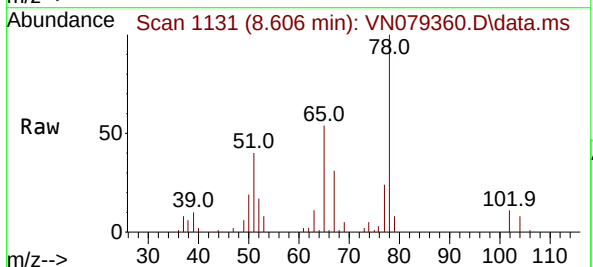
Tgt Ion: 117 Resp: 1797
Ion Ratio Lower Upper
117 100
119 92.6 75.0 112.6
121 30.1 24.3 36.5

Manual Integrations
APPROVED

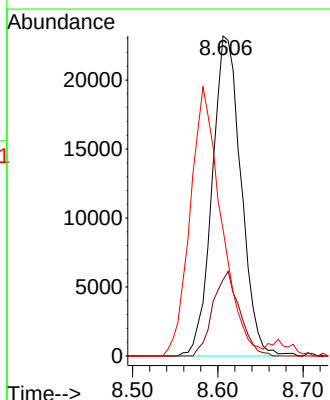
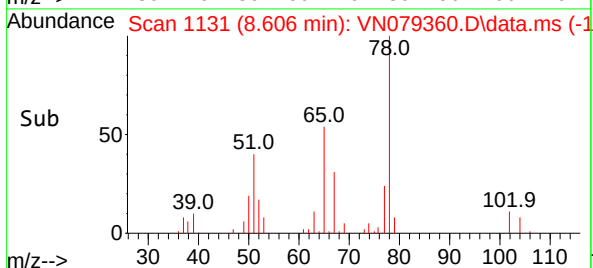
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

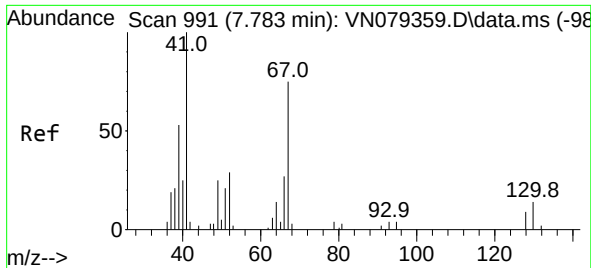


#34
Benzene
Concen: 4.961 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53



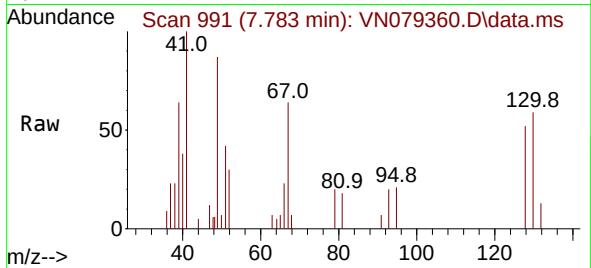
Tgt Ion: 78 Resp: 54476
Ion Ratio Lower Upper
78 100
77 23.8 19.7 29.5
51 34.5 15.8 23.6





#35
Methacrylonitrile
Concen: 5.329 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

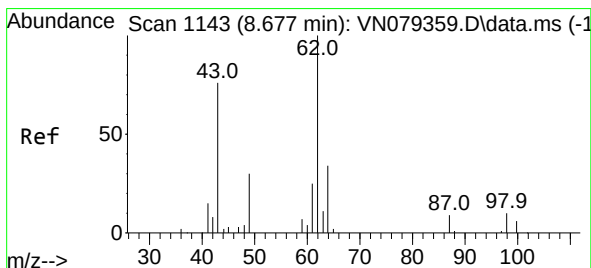
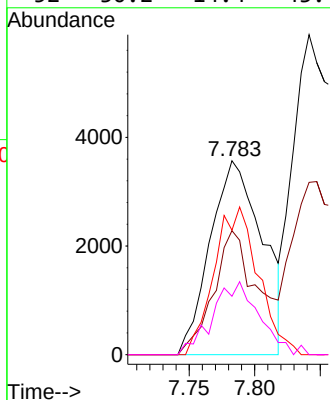
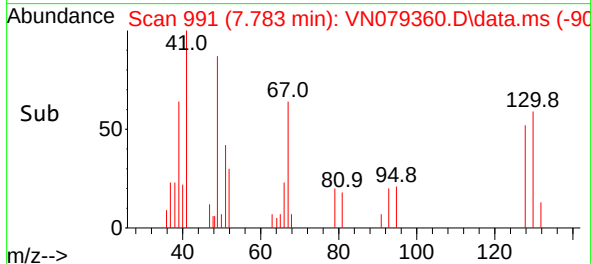
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:	41	Ratio	100	Lower	Upper
39	64.0	26.3	78.8		
67	64.2	37.5	112.3		
52	30.2	14.4	43.4		

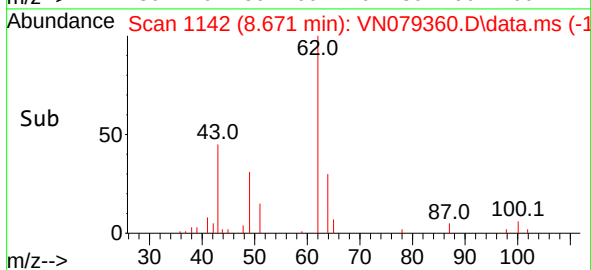
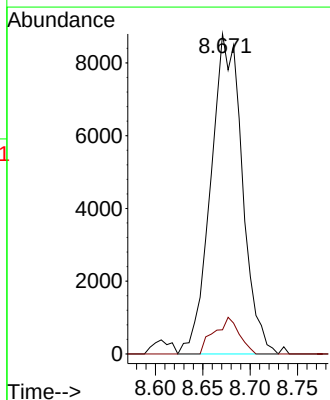
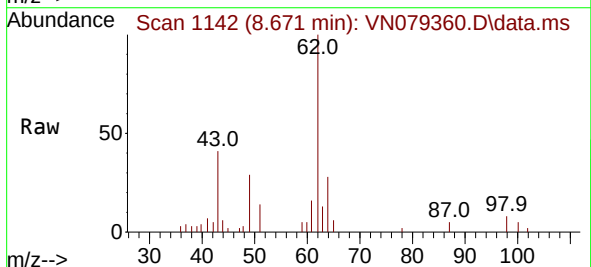
Manual Integrations
APPROVED

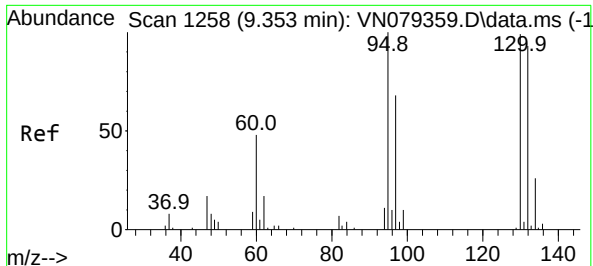
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#36
1,2-Dichloroethane
Concen: 5.115 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

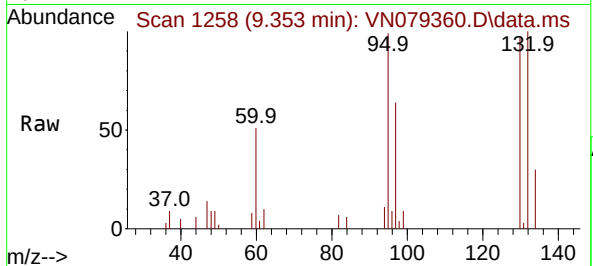
Tgt Ion:	62	Ratio	100	Lower	Upper
98	9.0	7.2	10.8		





#37
Trichloroethene
Concen: 5.167 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

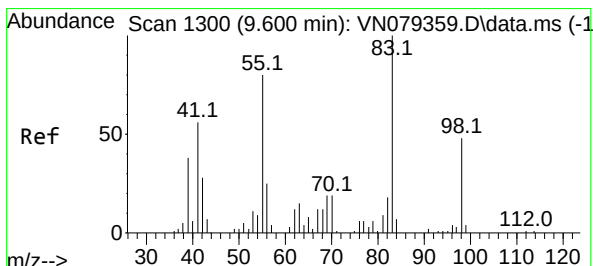
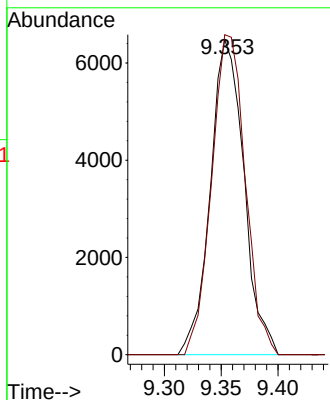
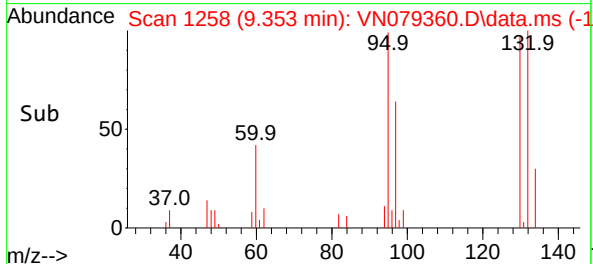
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



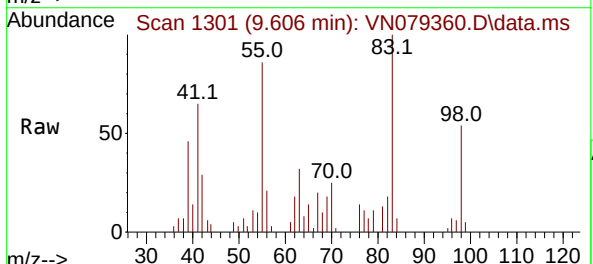
Tgt Ion:130 Resp: 13330
Ion Ratio Lower Upper
130 100
95 101.6 81.2 121.8

Manual Integrations
APPROVED

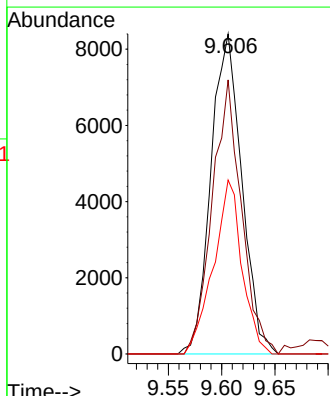
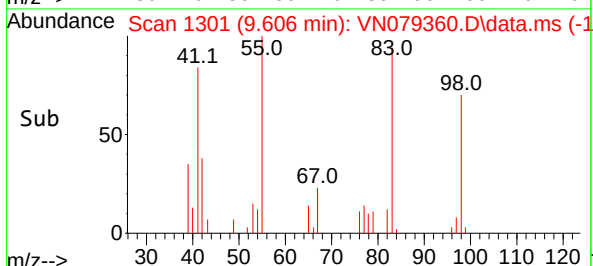
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

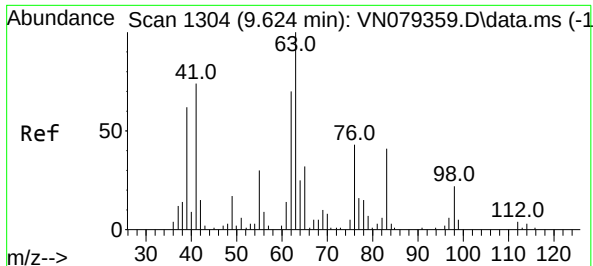


#38
Methylcyclohexane
Concen: 4.757 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53



Tgt Ion: 83 Resp: 16908
Ion Ratio Lower Upper
83 100
55 80.9 39.7 119.1
98 50.4 24.4 73.2





#39

1,2-Dichloropropane

Concen: 5.056 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079360.D

Acq: 27 Sep 2023 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 14739

Ion Ratio Lower Upper

63 100

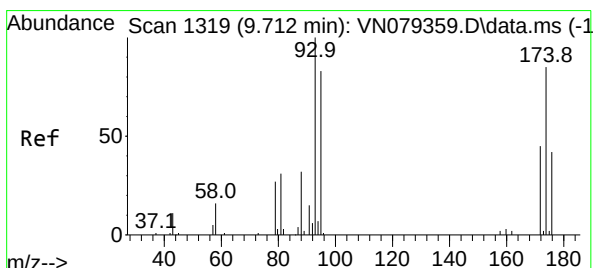
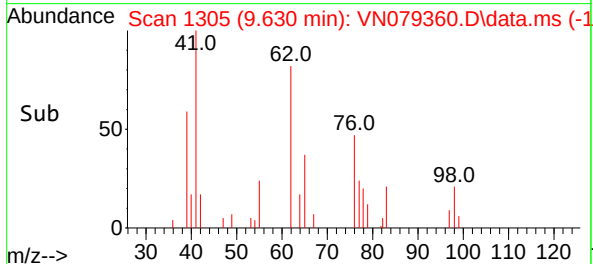
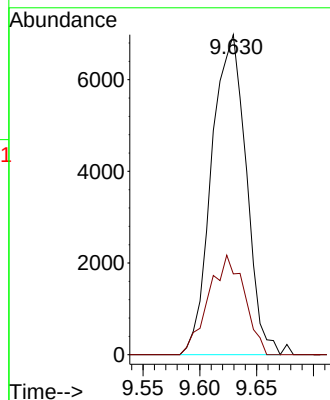
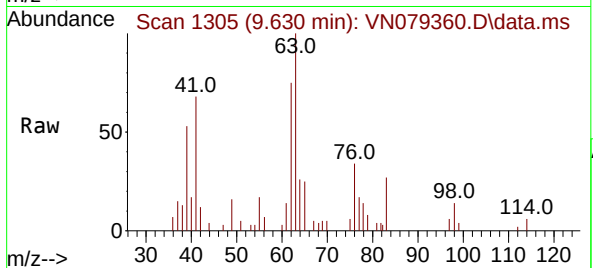
65 25.3 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#40

Dibromomethane

Concen: 5.021 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN079360.D

Acq: 27 Sep 2023 11:53

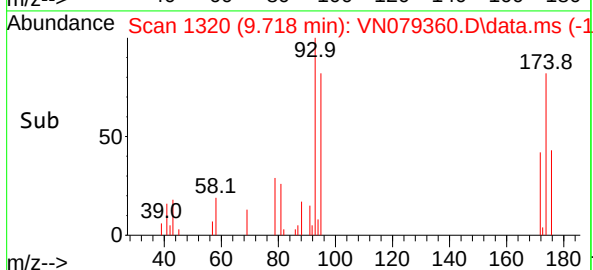
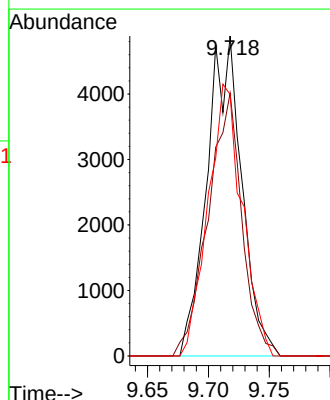
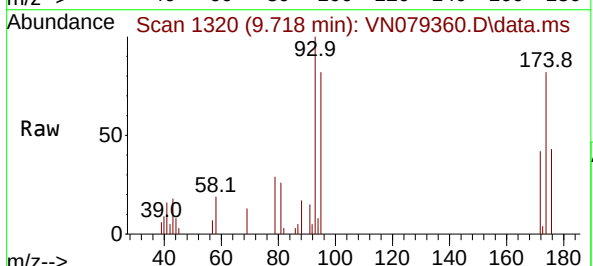
Tgt Ion: 93 Resp: 9688

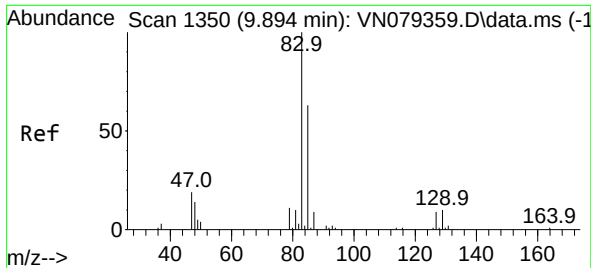
Ion Ratio Lower Upper

93 100

95 79.9 0.0 166.6

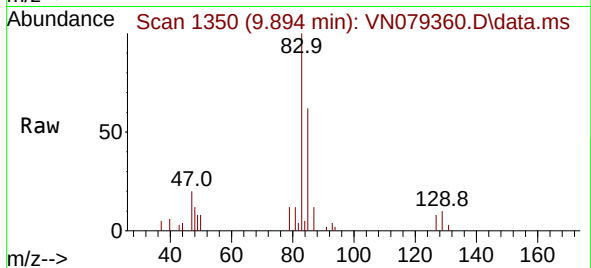
174 83.8 0.0 171.0





#41
Bromodichloromethane
Concen: 4.929 ug/l
RT: 9.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

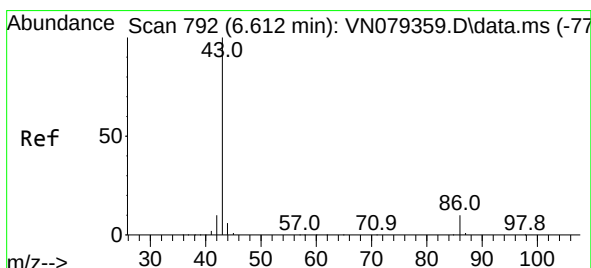
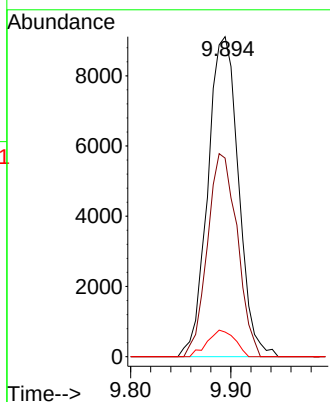
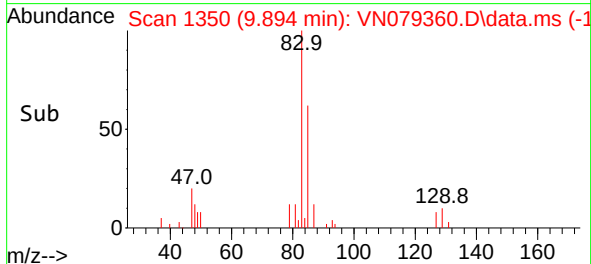
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 19360
Ion Ratio Lower Upper
83 100
85 62.1 50.3 75.5
127 7.7 6.8 10.2

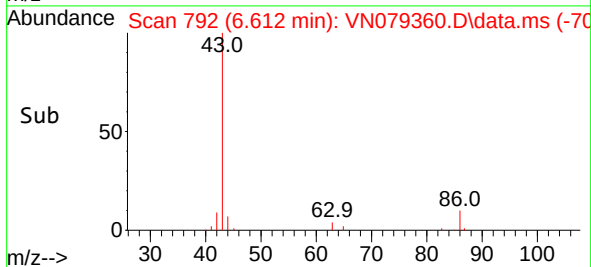
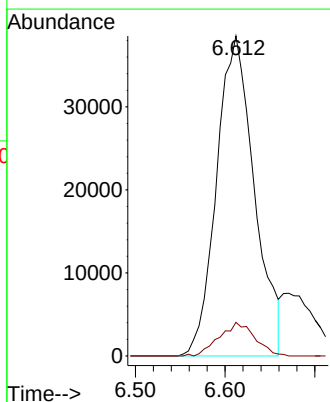
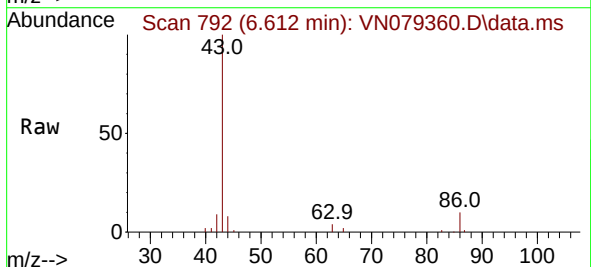
Manual Integrations
APPROVED

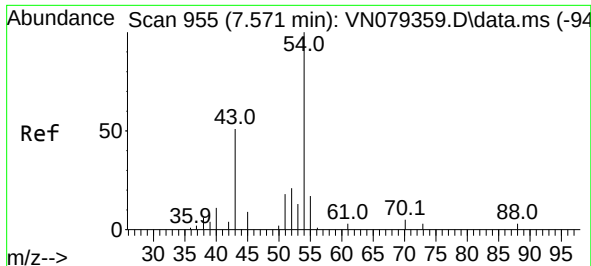
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#42
Vinyl Acetate
Concen: 23.295 ug/l
RT: 6.612 min Scan# 792
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Tgt Ion: 43 Resp: 112871
Ion Ratio Lower Upper
43 100
86 9.8 8.2 12.2





#43

Ethyl Acetate

Concen: 5.119 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079360.D

Acq: 27 Sep 2023 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 1828

Ion Ratio Lower Upper

43 100

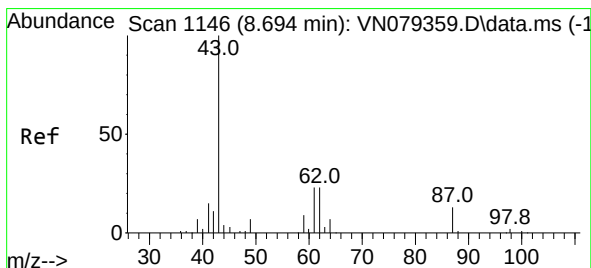
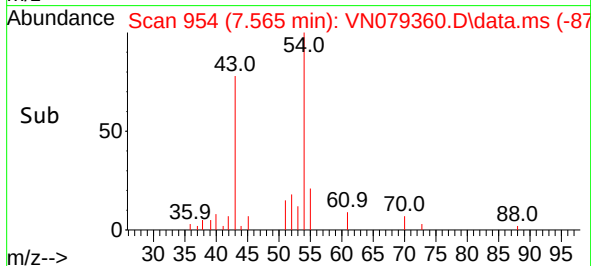
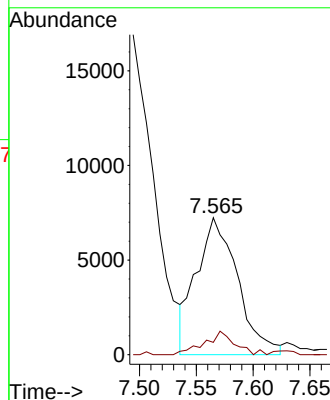
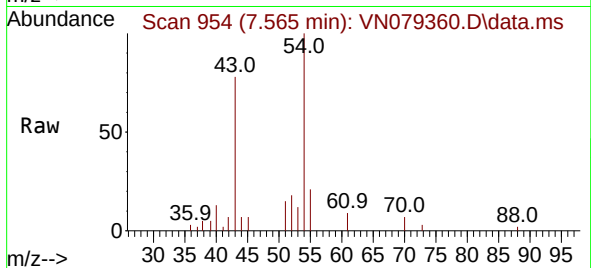
45 12.1 11.8 17.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#44

Isopropyl Acetate

Concen: 4.752 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN079360.D

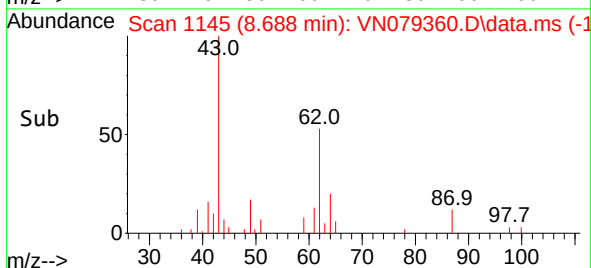
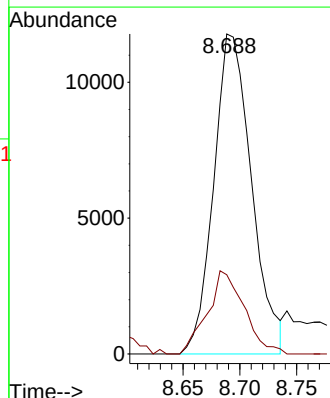
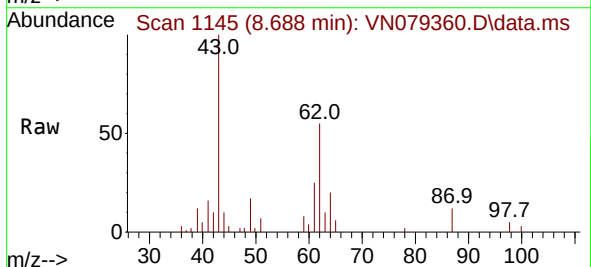
Acq: 27 Sep 2023 11:53

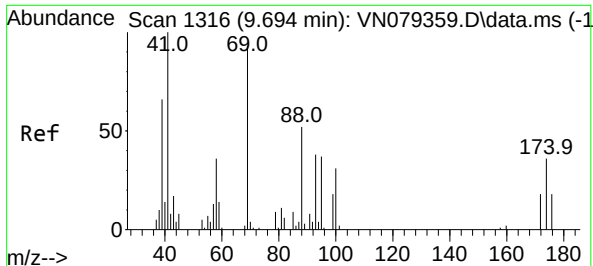
Tgt Ion: 43 Resp: 27287

Ion Ratio Lower Upper

43 100

61 25.3 20.3 30.5





#45

1,4-Dioxane

Concen: 97.379 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN079360.D

Acq: 27 Sep 2023 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 461

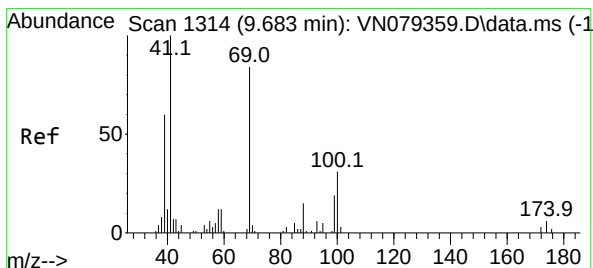
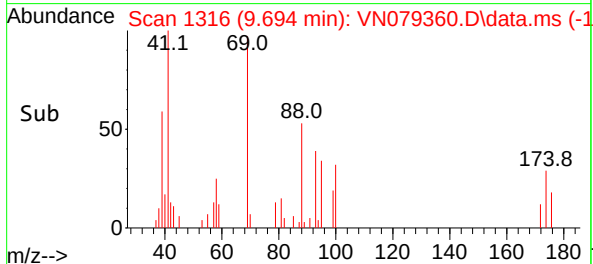
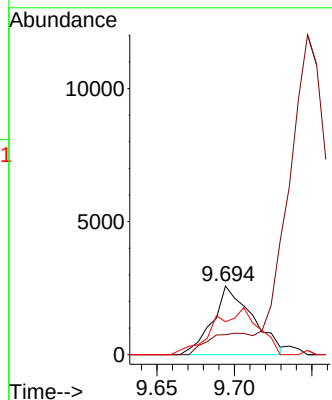
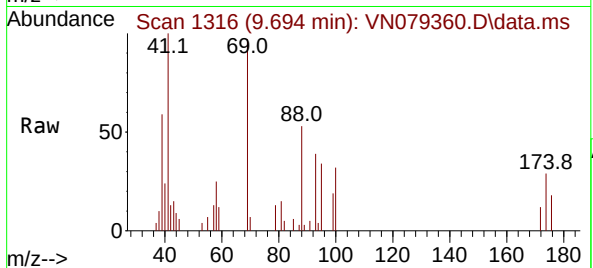
Ion	Ratio	Lower	Upper
88	100		
43	35.5	28.7	43.1
58	45.0	56.9	85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#46

Methyl methacrylate

Concen: 4.786 ug/l

RT: 9.688 min Scan# 1315

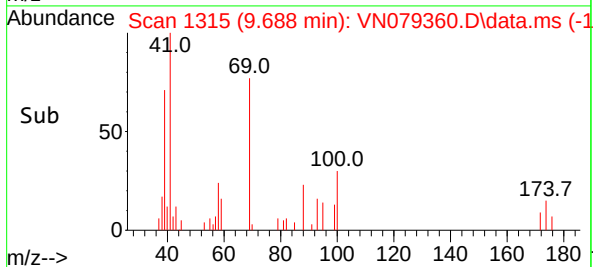
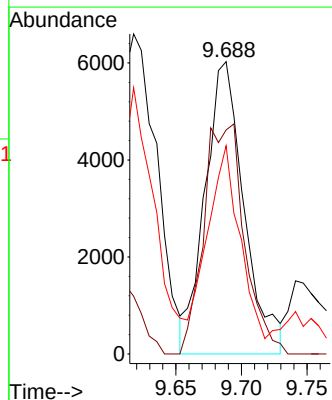
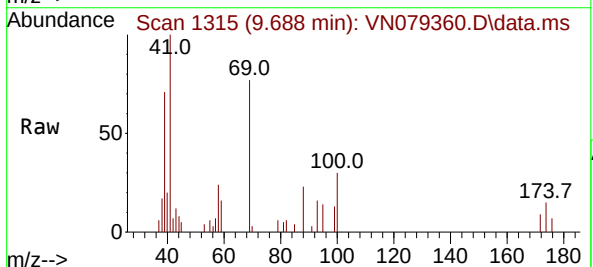
Delta R.T. 0.006 min

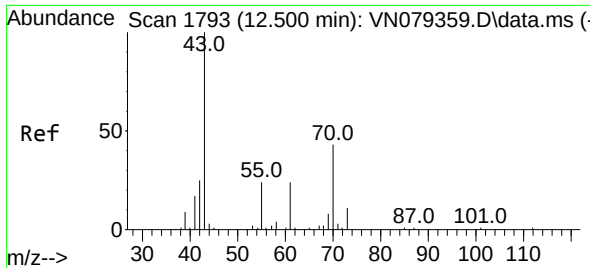
Lab File: VN079360.D

Acq: 27 Sep 2023 11:53

Tgt Ion: 41 Resp: 12492

Ion	Ratio	Lower	Upper
41	100		
69	85.5	40.0	119.9
39	70.2	31.1	93.3





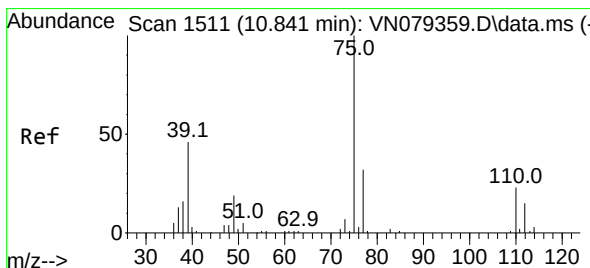
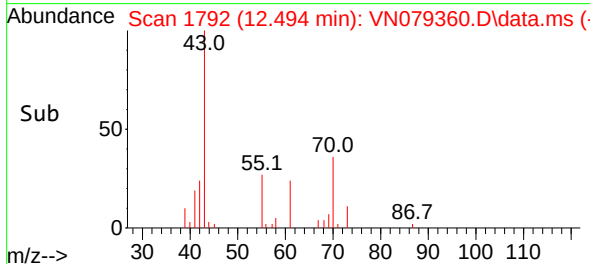
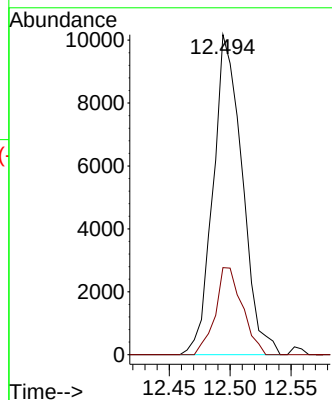
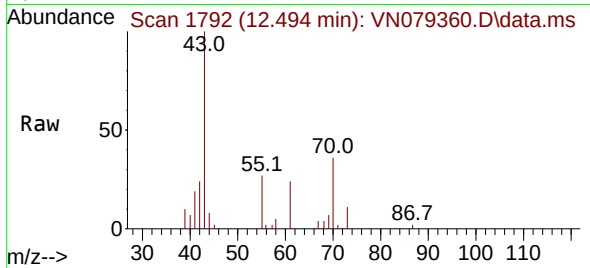
#47
n-amy1 Acetate
Concen: 4.141 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 1692
Ion Ratio Lower Upper
43 100
55 25.2 20.7 31.1

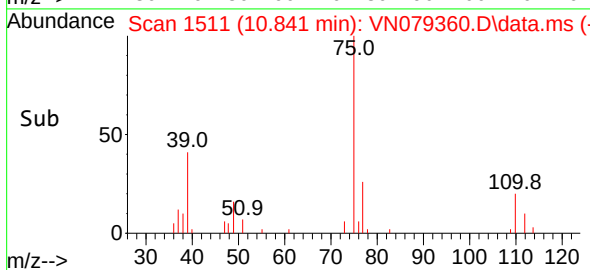
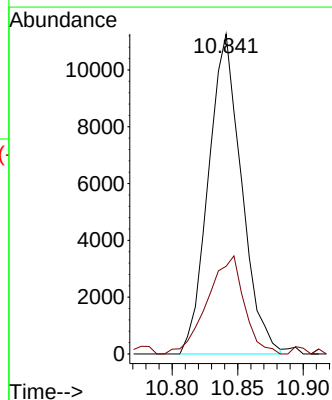
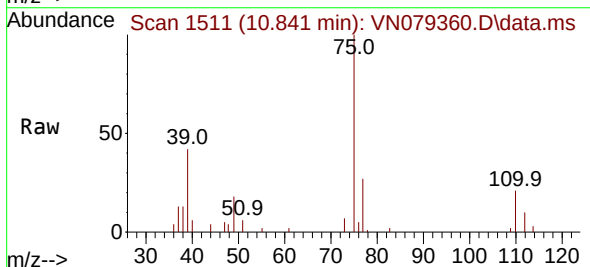
Manual Integrations
APPROVED

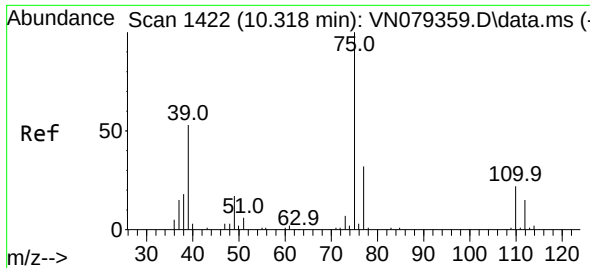
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#48
t-1,3-Dichloropropene
Concen: 4.957 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

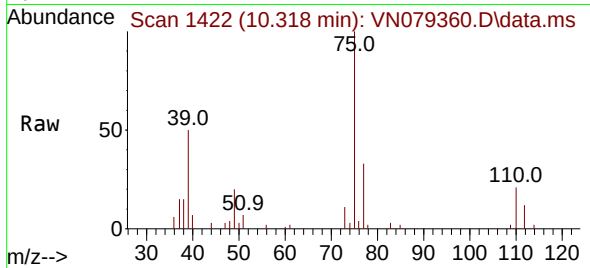
Tgt Ion: 75 Resp: 19783
Ion Ratio Lower Upper
75 100
77 27.4 25.6 38.4





#49
 cis-1,3-Dichloropropene
 Concen: 4.642 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079360.D
 Acq: 27 Sep 2023 11:53

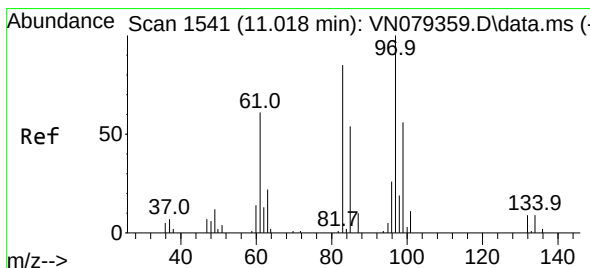
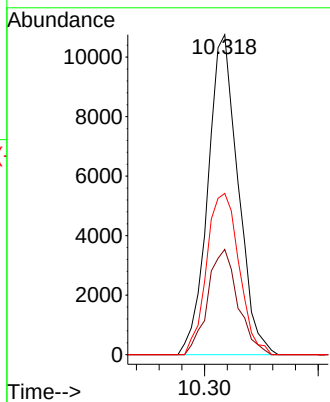
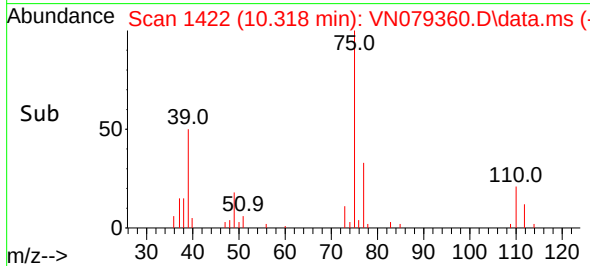
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 75 Resp: 19878
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.8 38.6
 39 50.4 42.4 63.6

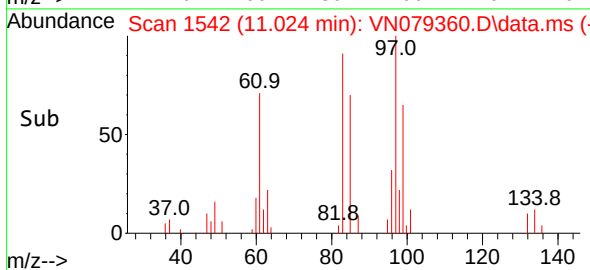
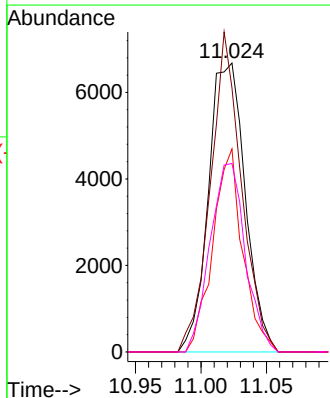
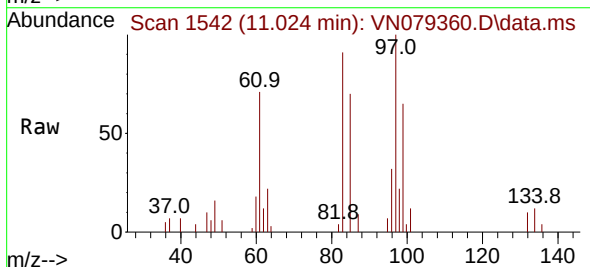
Manual Integrations
 APPROVED

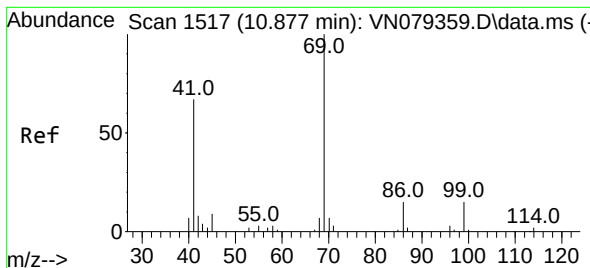
Reviewed By :John Carlone 09/28/2023
 Supervised By :Semsettin Yesilyurt 09/28/2023



#50
 1,1,2-Trichloroethane
 Concen: 4.955 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. 0.006 min
 Lab File: VN079360.D
 Acq: 27 Sep 2023 11:53

Tgt Ion: 97 Resp: 13044
 Ion Ratio Lower Upper
 97 100
 83 91.4 68.2 102.4
 85 70.2 42.9 64.3#
 99 65.2 44.8 67.2





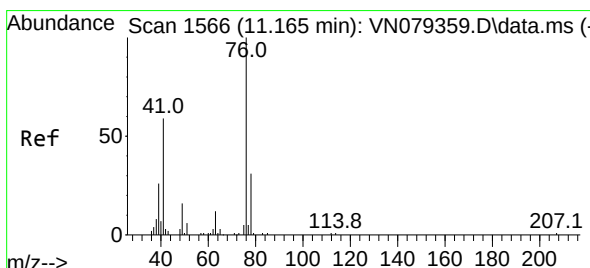
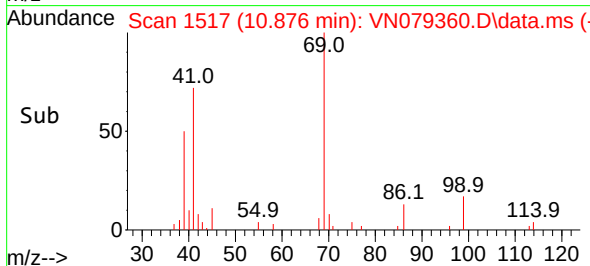
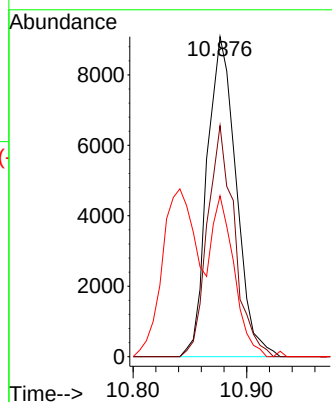
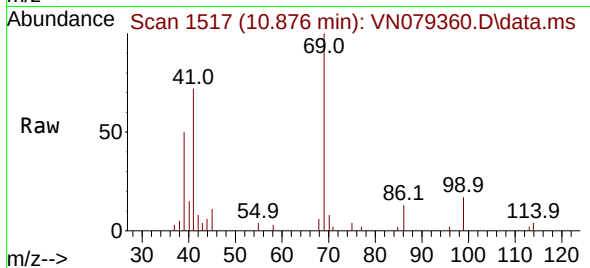
#51
Ethyl methacrylate
Concen: 4.509 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 69 Resp: 16134
Ion Ratio Lower Upper
69 100
41 72.2 33.8 101.3
39 48.5 21.3 63.9

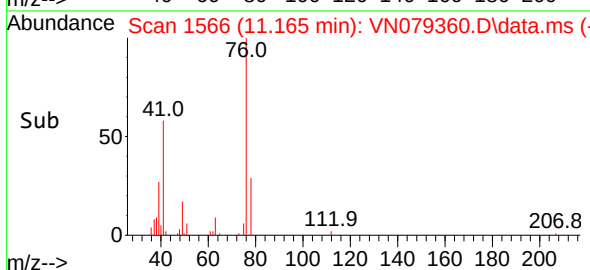
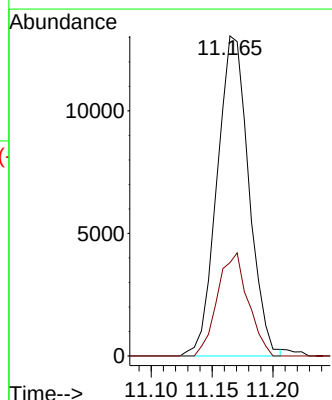
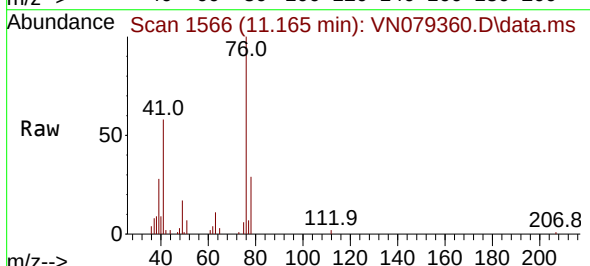
Manual Integrations
APPROVED

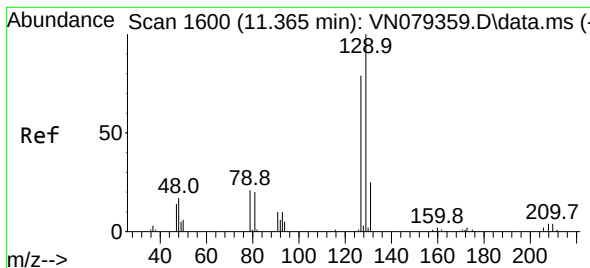
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#52
1,3-Dichloropropane
Concen: 5.053 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

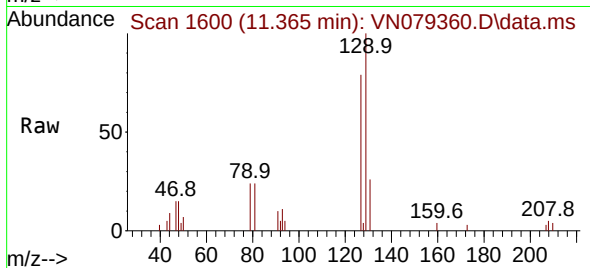
Tgt Ion: 76 Resp: 23728
Ion Ratio Lower Upper
76 100
78 31.0 0.0 64.0





#53
Dibromochloromethane
Concen: 4.628 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

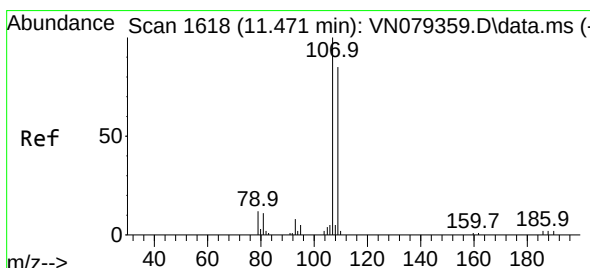
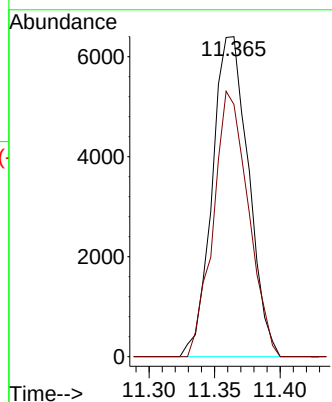
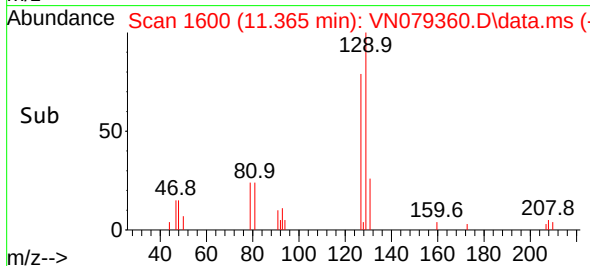
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



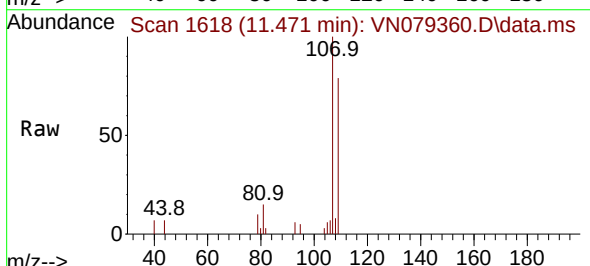
Tgt Ion:129 Resp: 1233
Ion Ratio Lower Upper
129 100
127 79.9 38.8 116.3

Manual Integrations
APPROVED

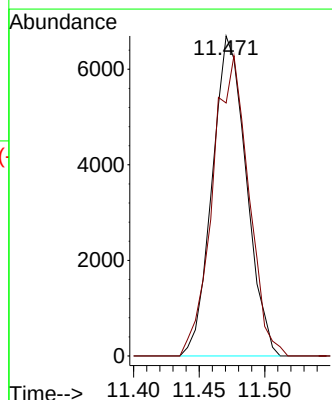
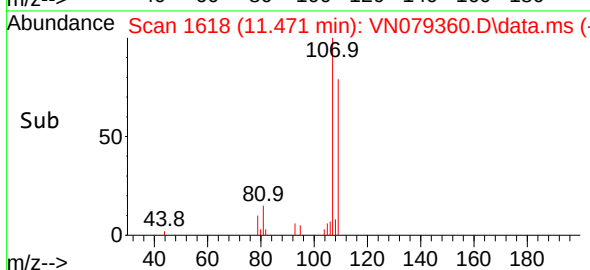
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

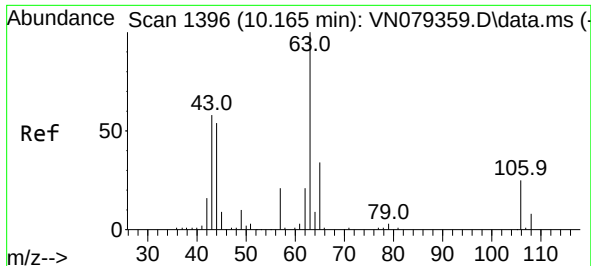


#54
1,2-Dibromoethane
Concen: 4.716 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53



Tgt Ion:107 Resp: 12106
Ion Ratio Lower Upper
107 100
109 99.1 73.2 109.8





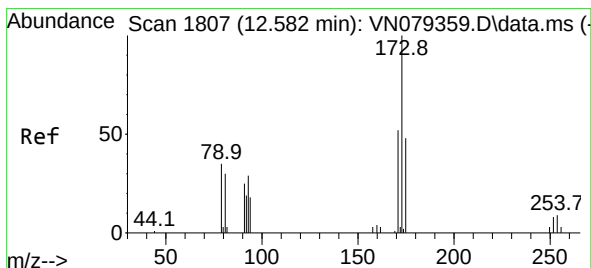
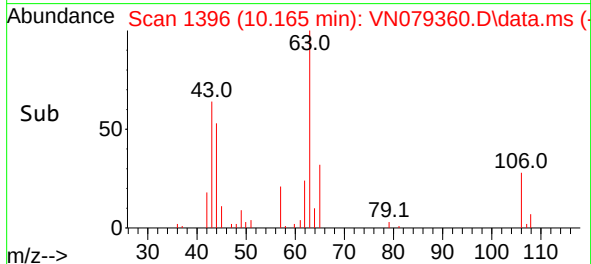
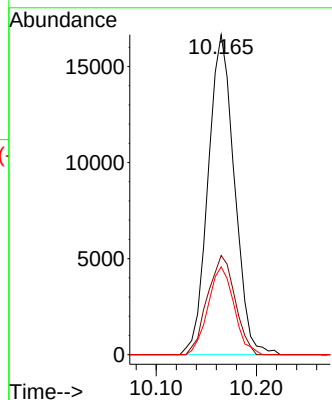
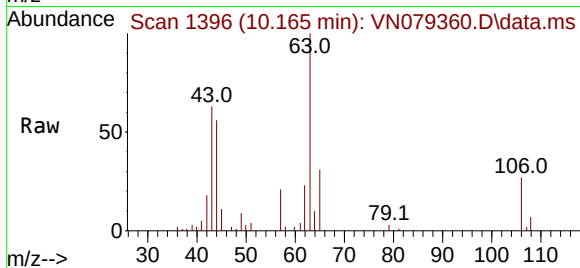
#55
2-Chloroethyl vinyl ether
Concen: 21.880 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 30430
Ion Ratio Lower Upper
63 100
65 32.4 25.9 38.9
106 27.1 20.6 30.8

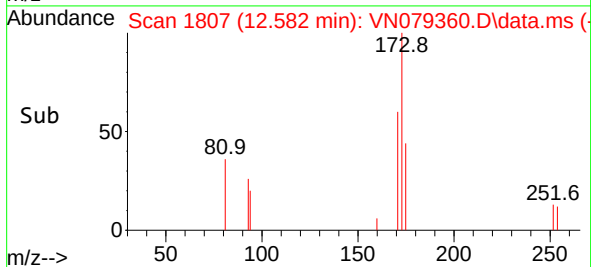
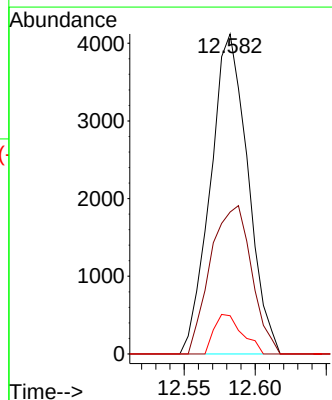
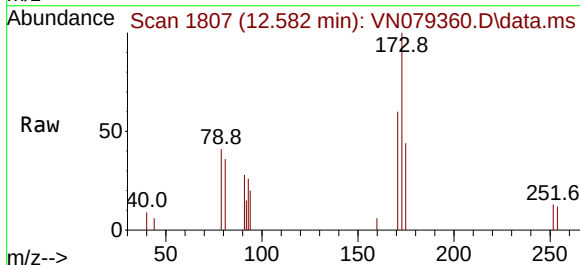
Manual Integrations
APPROVED

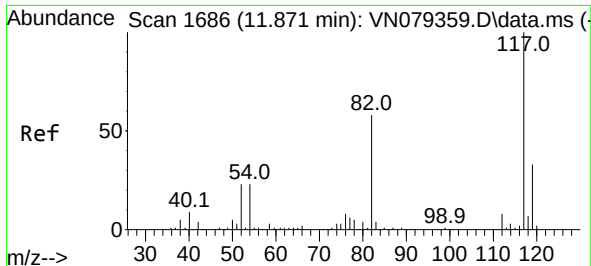
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#56
Bromoform
Concen: 4.440 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

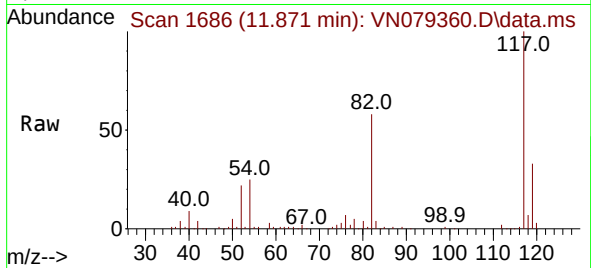
Tgt Ion:173 Resp: 7537
Ion Ratio Lower Upper
173 100
175 51.0 37.9 56.9
254 9.3 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

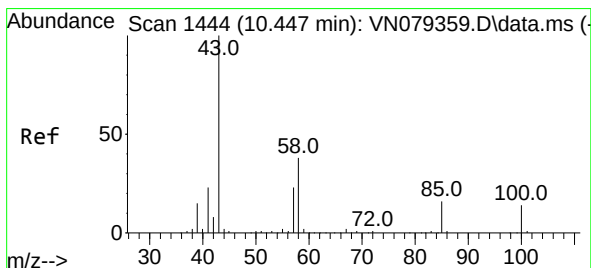
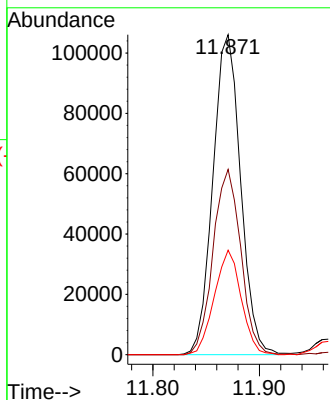
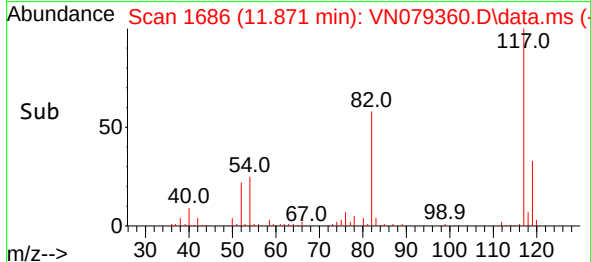
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



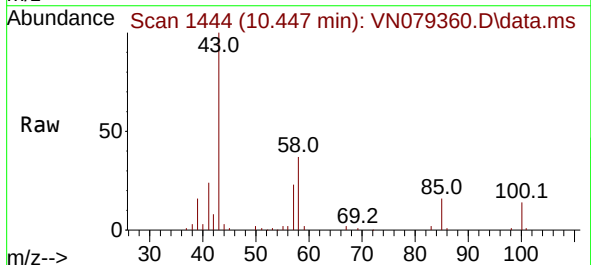
Tgt Ion:117 Resp: 191480
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.2
119 31.7 25.2 37.8

Manual Integrations
APPROVED

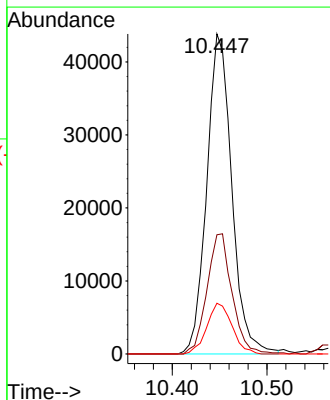
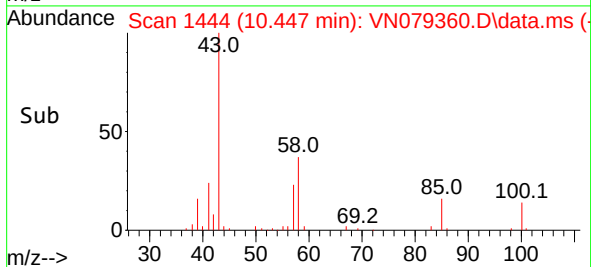
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

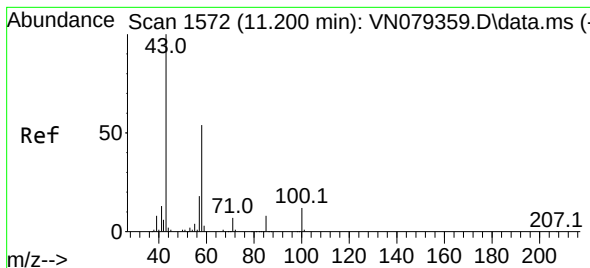


#58
4-Methyl-2-Pentanone
Concen: 23.529 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53



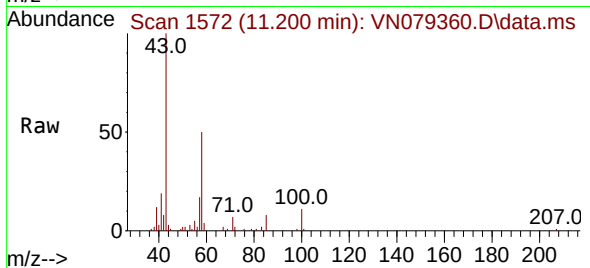
Tgt Ion: 43 Resp: 80629
Ion Ratio Lower Upper
43 100
58 37.5 30.4 45.6
85 15.9 13.2 19.8





#59
2-Hexanone
Concen: 23.902 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

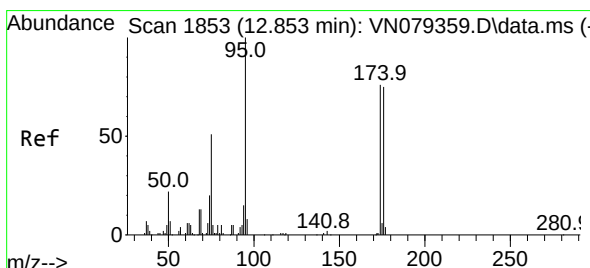
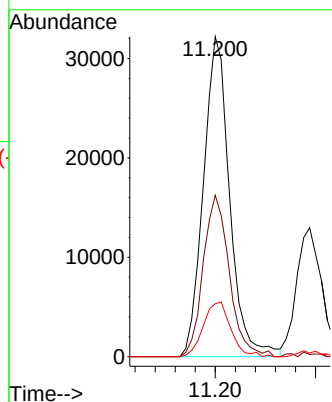
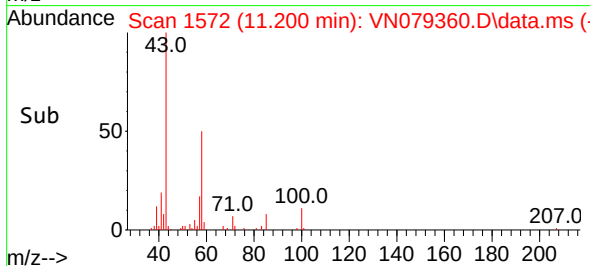
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 5859
Ion Ratio Lower Upper
43 100
58 49.9 42.3 63.5
57 17.5 13.9 20.9

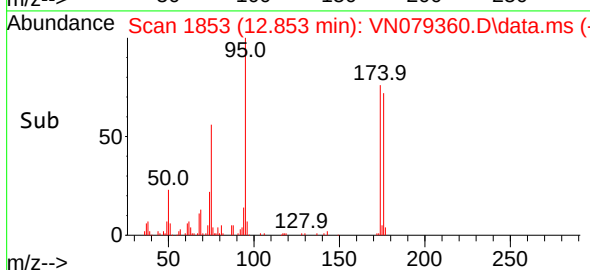
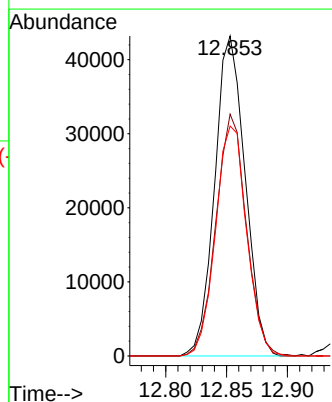
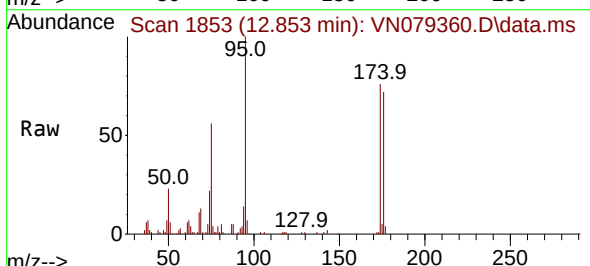
Manual Integrations
APPROVED

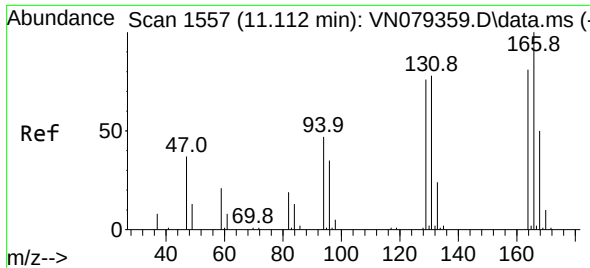
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#60
4-Bromofluorobenzene
Concen: 27.476 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

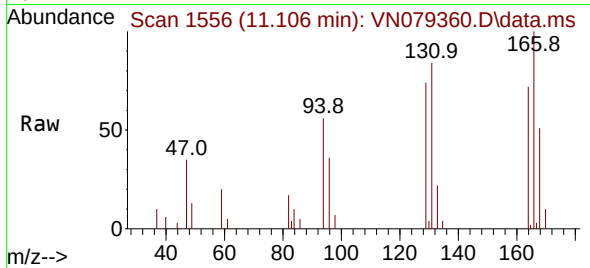
Tgt Ion: 95 Resp: 74991
Ion Ratio Lower Upper
95 100
174 75.7 60.5 90.7
176 73.5 57.2 85.8





#61
Tetrachloroethene
Concen: 5.083 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

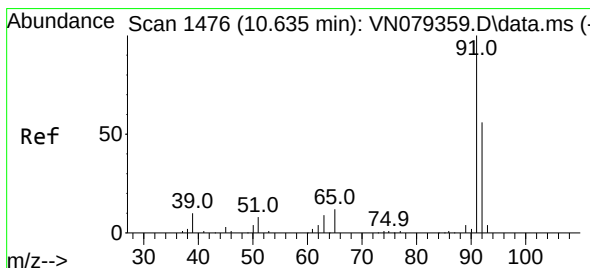
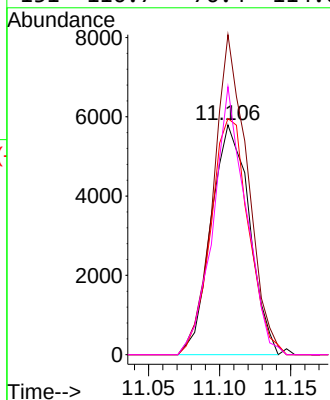
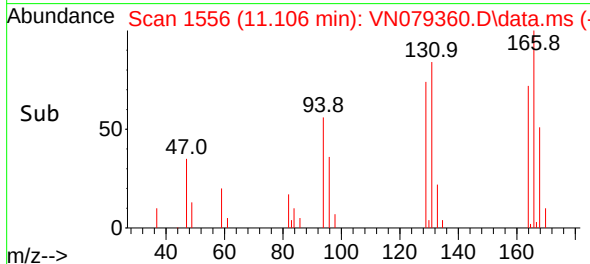
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:164 Resp: 1085
Ion Ratio Lower Upper
164 100
166 139.3 98.2 147.4
129 102.8 75.0 112.4
131 116.7 76.4 114.6#

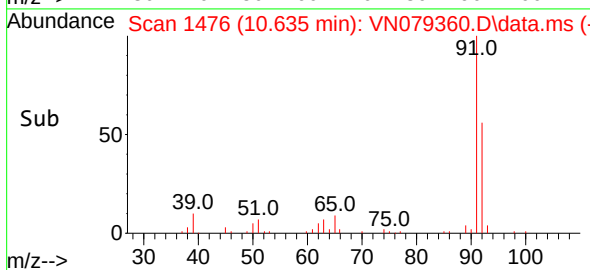
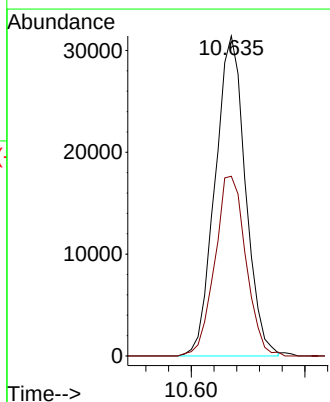
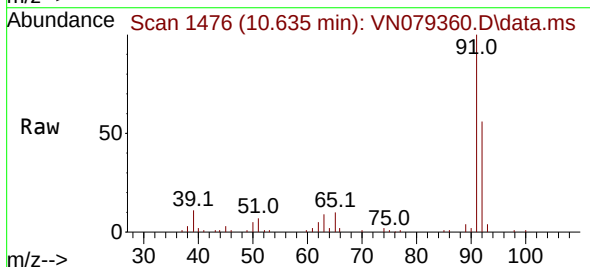
Manual Integrations
APPROVED

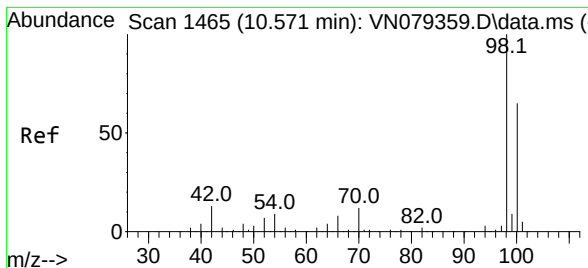
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#62
Toluene
Concen: 5.074 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Tgt Ion: 91 Resp: 58198
Ion Ratio Lower Upper
91 100
92 57.6 45.3 67.9





#63

Toluene-d8

Concen: 30.325 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079360.D

Acq: 27 Sep 2023 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 98 Resp: 28528

Ion Ratio Lower Upper

98 100

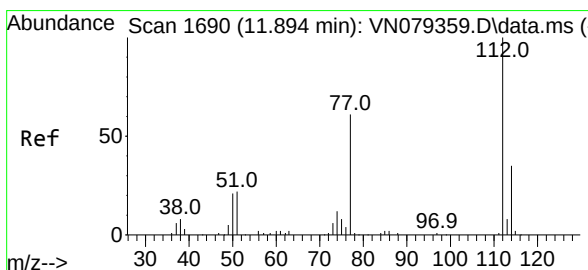
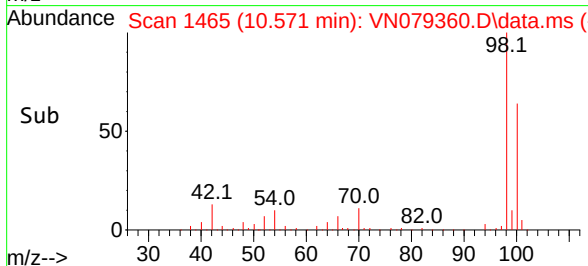
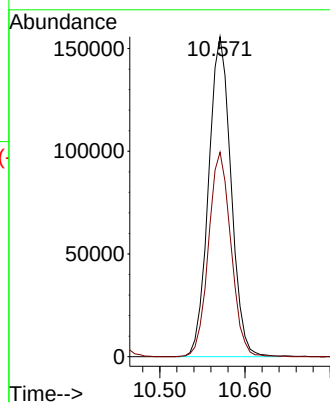
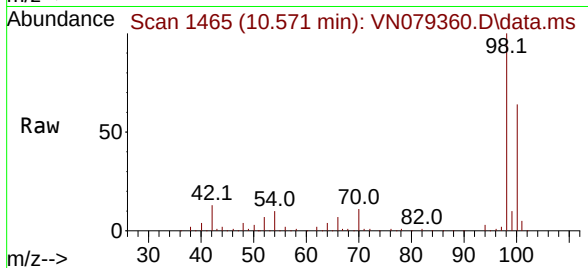
100 63.8 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#64

Chlorobenzene

Concen: 4.986 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. -0.000 min

Lab File: VN079360.D

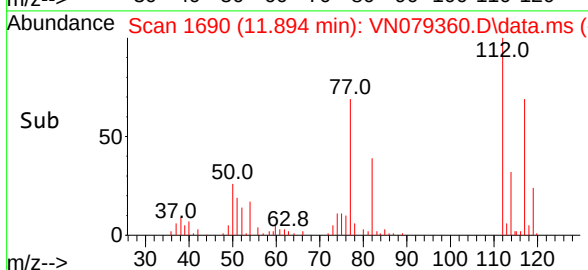
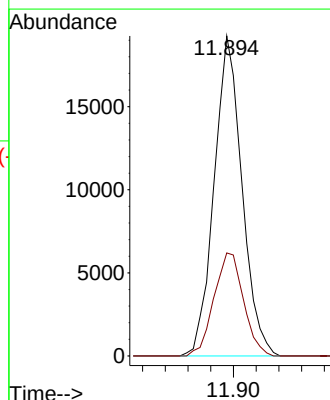
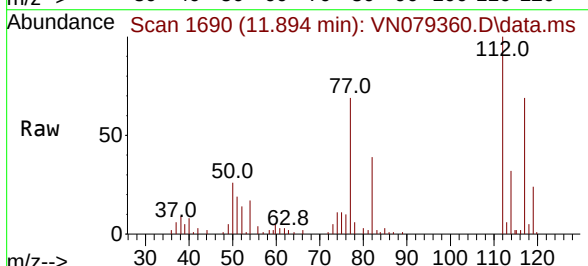
Acq: 27 Sep 2023 11:53

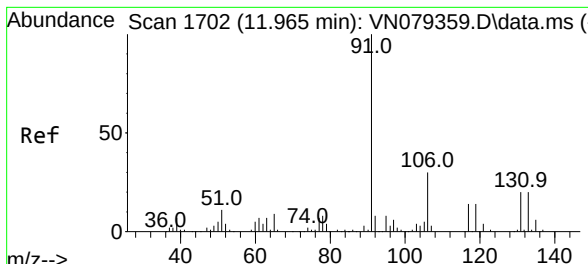
Tgt Ion:112 Resp: 32827

Ion Ratio Lower Upper

112 100

114 32.2 28.1 42.1





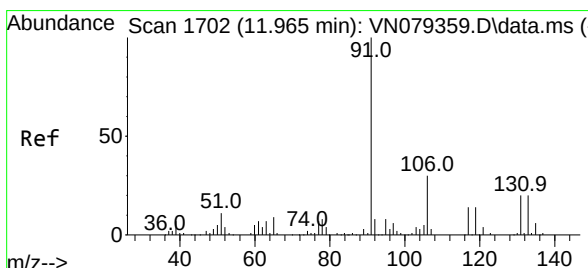
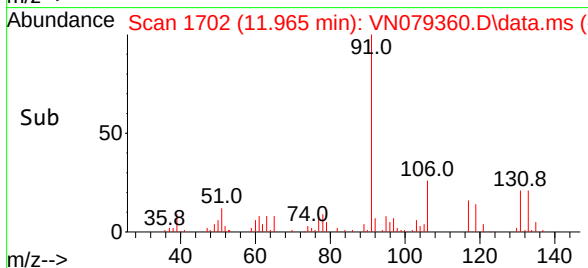
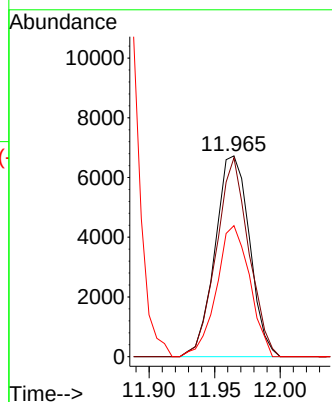
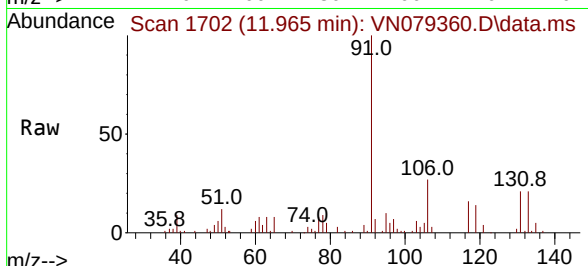
#65
1,1,1,2-Tetrachloroethane
Concen: 4.995 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:131 Resp: 1230
Ion Ratio Lower Upper
131 100
133 93.4 0.0 196.0
119 63.1 0.0 135.6

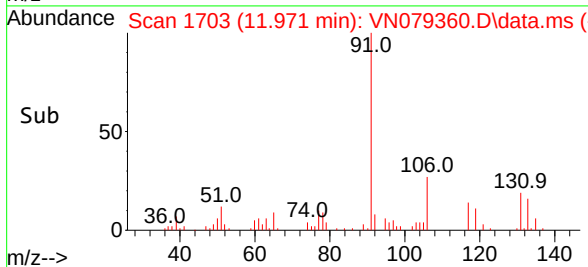
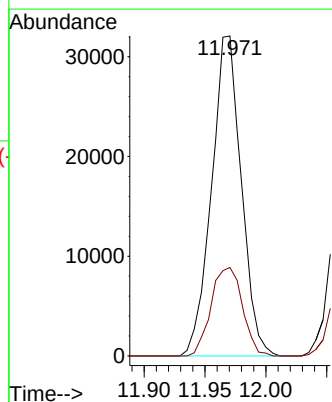
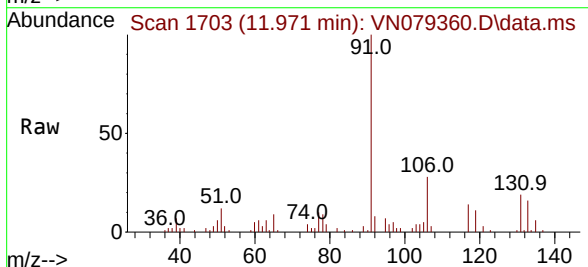
Manual Integrations
APPROVED

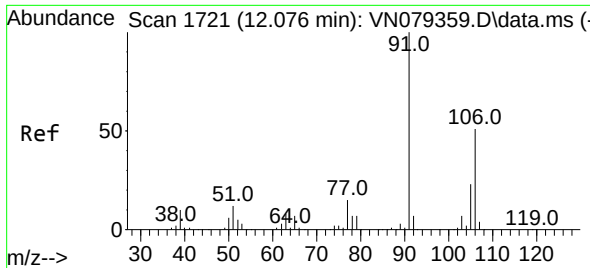
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#66
Ethyl Benzene
Concen: 4.706 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Tgt Ion: 91 Resp: 54604
Ion Ratio Lower Upper
91 100
106 27.7 23.8 35.8





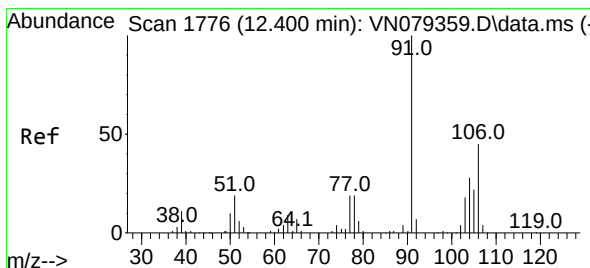
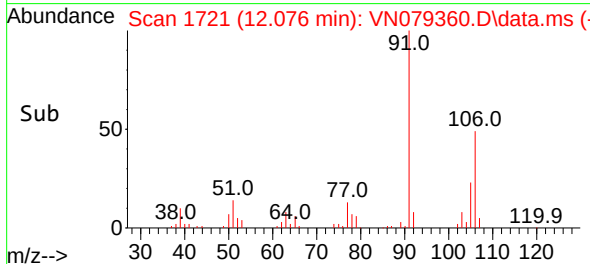
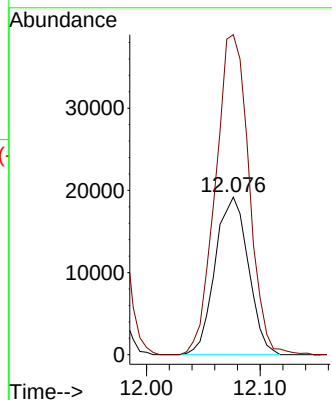
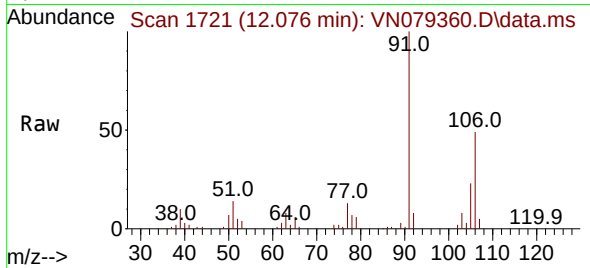
#67
m/p-Xylenes
Concen: 9.089 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 3898
Ion Ratio Lower Upper
106 100
91 204.6 161.8 242.6

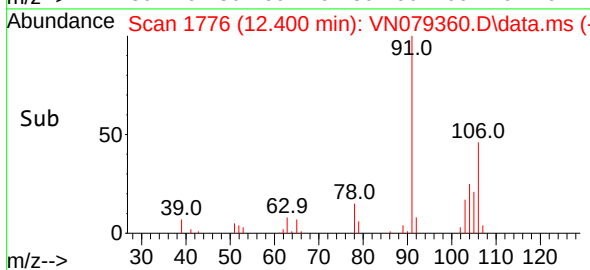
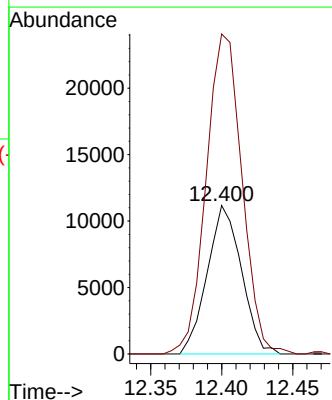
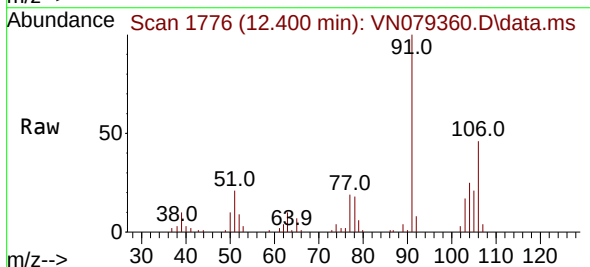
Manual Integrations
APPROVED

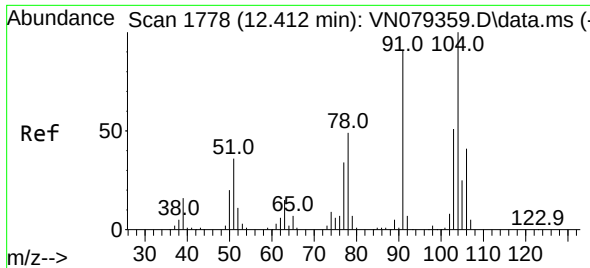
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#68
o-Xylene
Concen: 4.537 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Tgt Ion:106 Resp: 18729
Ion Ratio Lower Upper
106 100
91 225.2 109.9 329.7





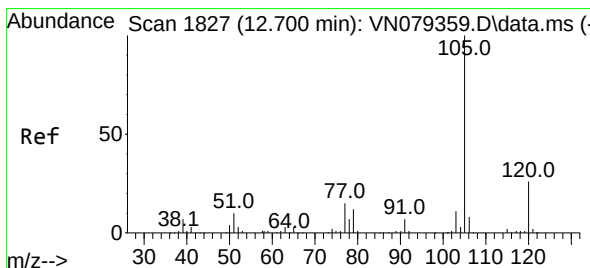
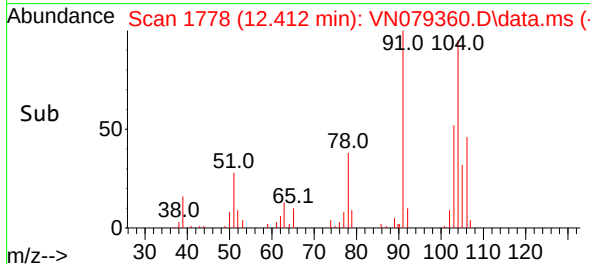
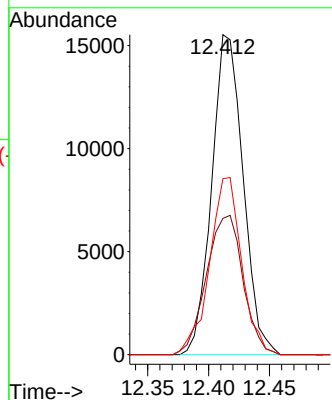
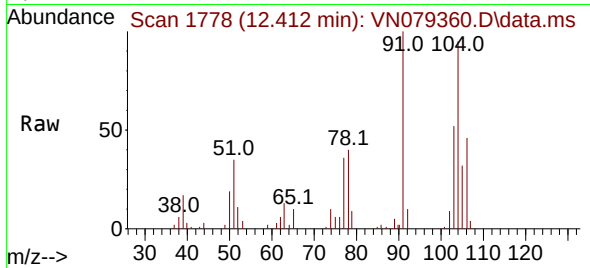
#69
Styrene
Concen: 4.274 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:104 Resp: 2779
Ion Ratio Lower Upper
104 100
78 50.9 41.2 61.8
103 56.5 43.1 64.7

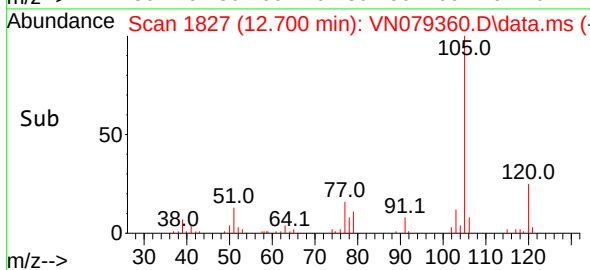
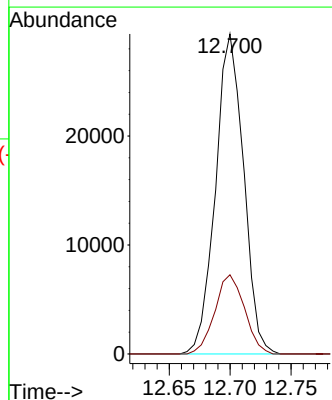
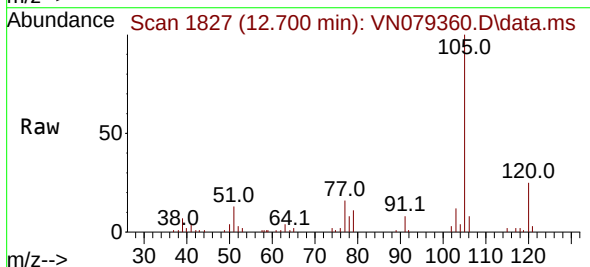
Manual Integrations
APPROVED

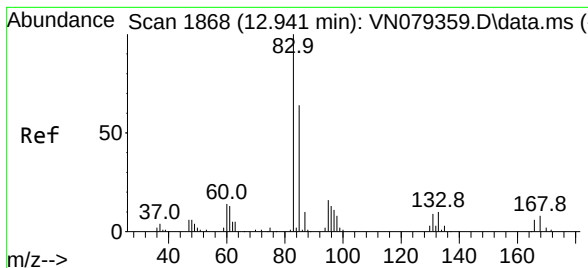
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#70
Isopropylbenzene
Concen: 4.486 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Tgt Ion:105 Resp: 47113
Ion Ratio Lower Upper
105 100
120 26.1 18.1 33.5





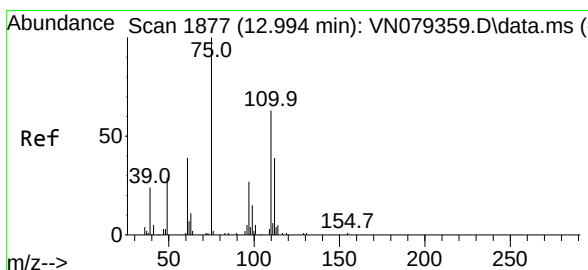
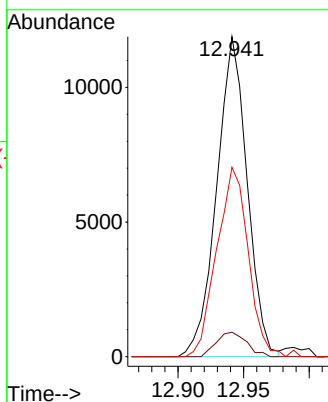
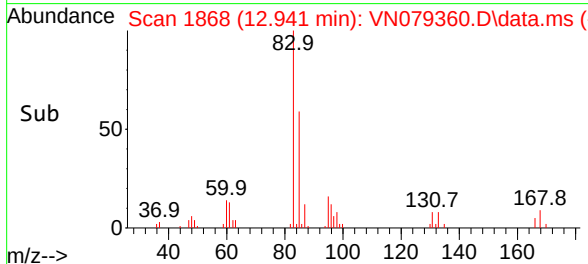
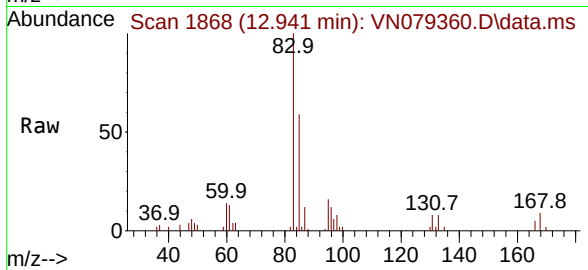
#71
 1,1,2,2-Tetrachloroethane
 Concen: 5.105 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN079360.D
 Acq: 27 Sep 2023 11:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 83 Resp: 1920
 Ion Ratio Lower Upper
 83 100
 131 7.6 4.5 13.4
 85 61.0 32.1 96.3

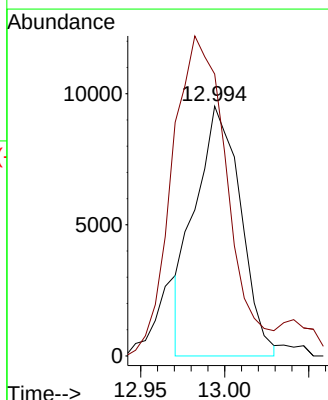
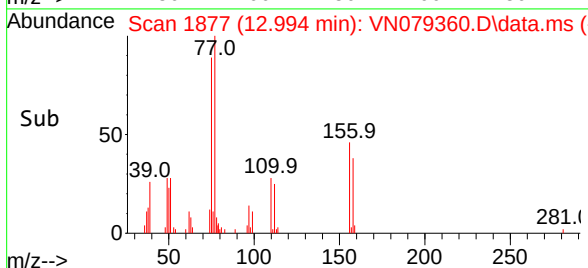
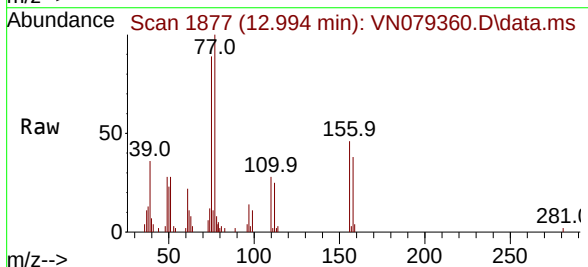
Manual Integrations
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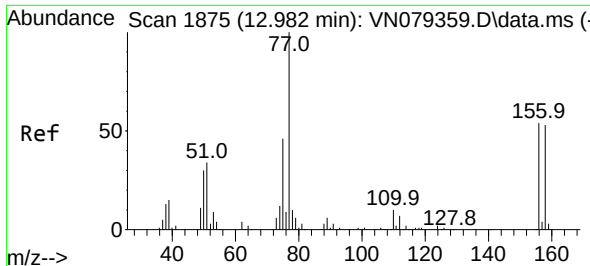
Reviewed By :John Carlone 09/28/2023
 Supervised By :Semsettin Yesilyurt 09/28/2023



#72
 1,2,3-Trichloropropane
 Concen: 4.698 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN079360.D
 Acq: 27 Sep 2023 11:53

Tgt Ion: 75 Resp: 17991
 Ion Ratio Lower Upper
 75 100
 77 154.4 0.0 338.2





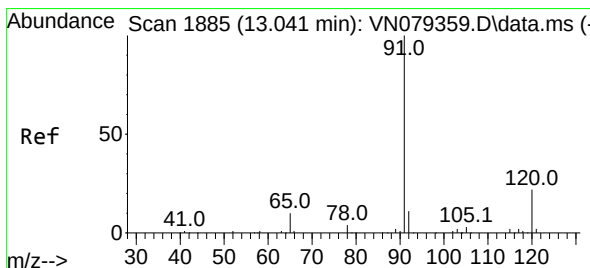
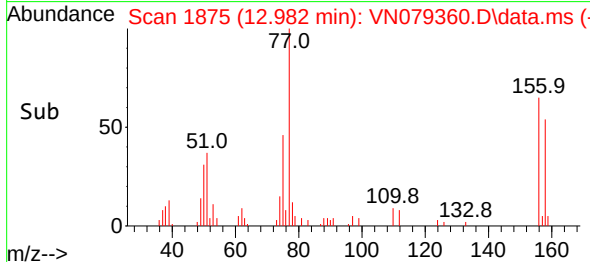
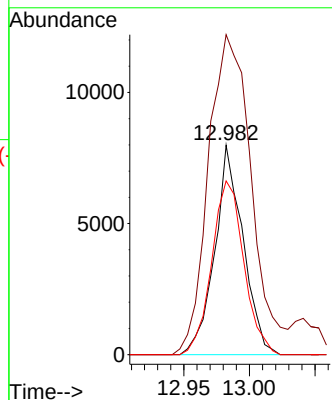
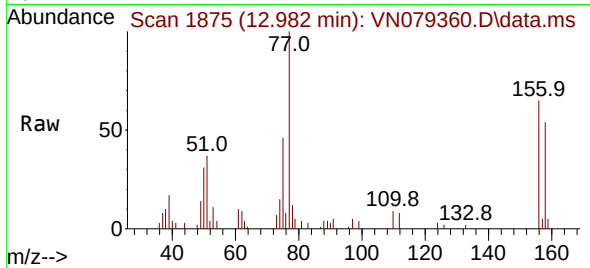
#73
Bromobenzene
Concen: 4.871 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 11978
Ion Ratio Lower Upper
156 100
77 231.9 0.0 448.2
158 94.0 0.0 194.8

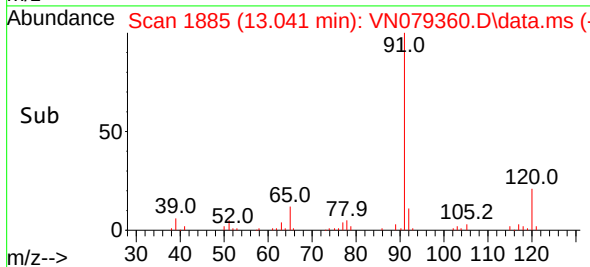
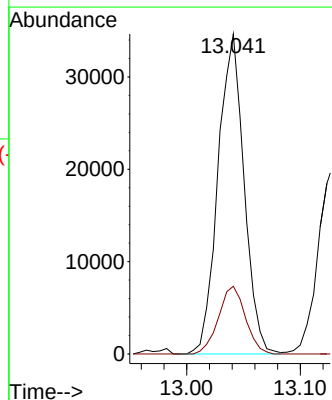
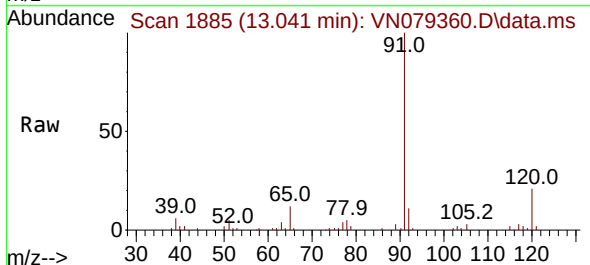
Manual Integrations
APPROVED

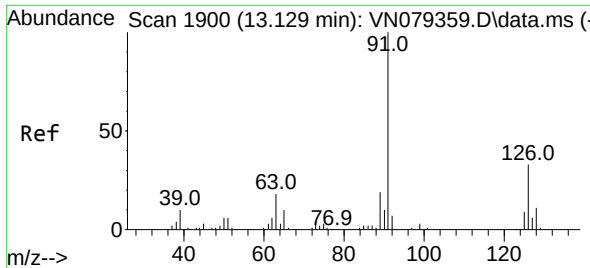
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#74
n-propylbenzene
Concen: 4.443 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Tgt Ion: 91 Resp: 55243
Ion Ratio Lower Upper
91 100
120 21.8 0.0 42.0





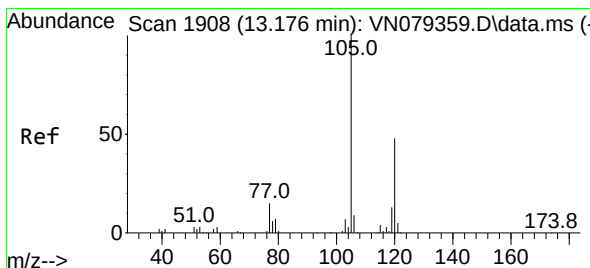
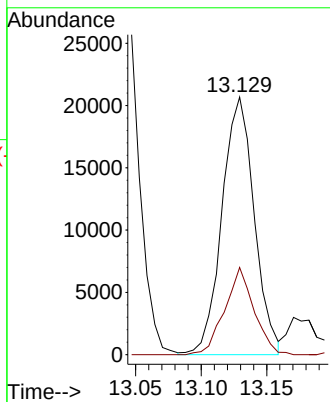
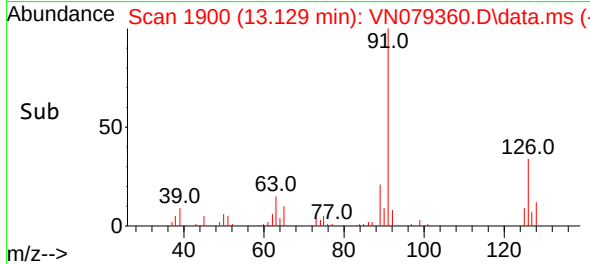
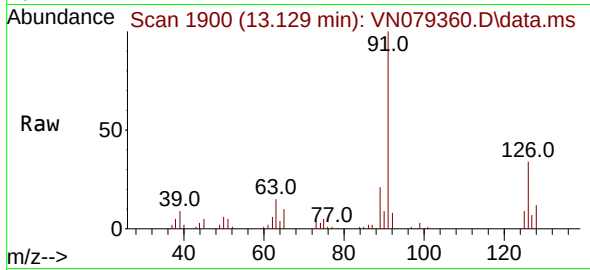
#75
2-Chlorotoluene
Concen: 4.671 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 3545
Ion Ratio Lower Upper
91 100
126 30.6 0.0 64.6

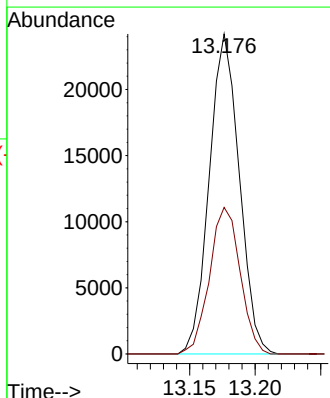
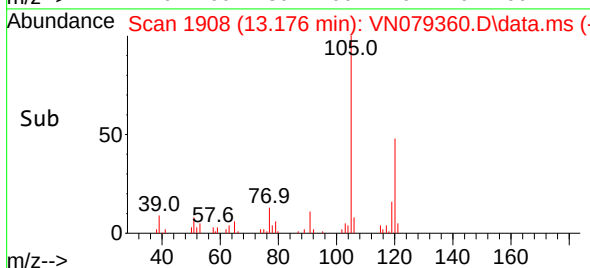
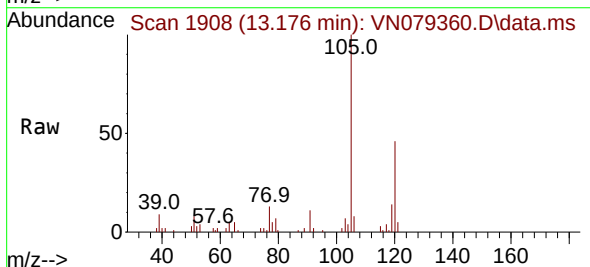
Manual Integrations
APPROVED

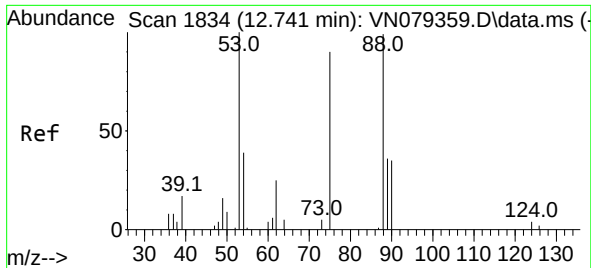
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#76
1,3,5-Trimethylbenzene
Concen: 4.414 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

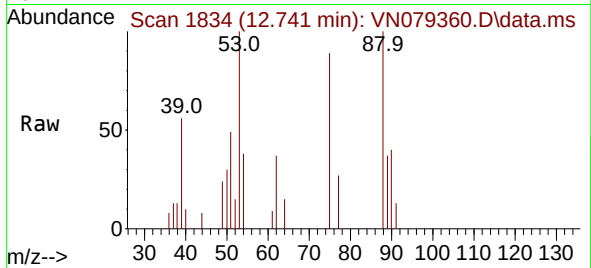
Tgt Ion:105 Resp: 38525
Ion Ratio Lower Upper
105 100
120 46.7 0.0 93.2





#77
t-1,4-Dichloro-2-butene
Concen: 4.381 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

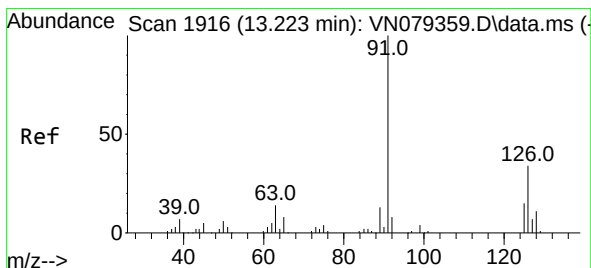
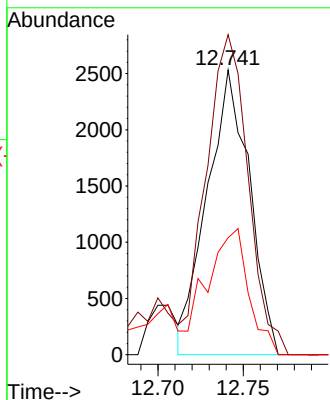
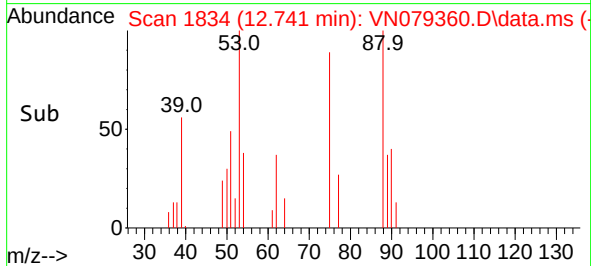
Instrument : MSVOA_N
ClientSampleId : VSTDIC005



Tgt Ion: 75 Resp: 4369
Ion Ratio Lower Upper
75 100
53 104.2 53.0 159.1
89 41.1 22.6 67.7

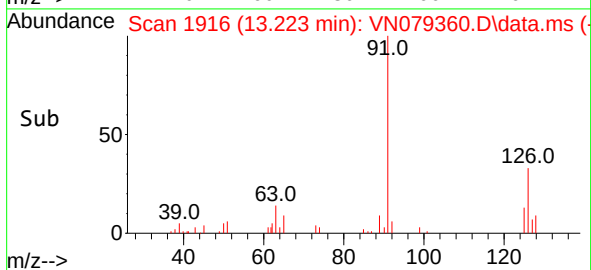
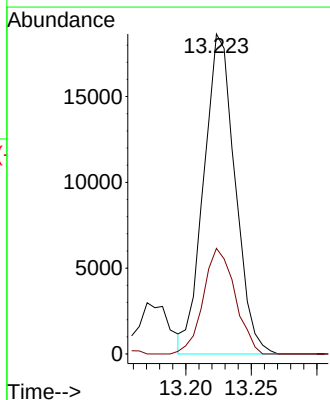
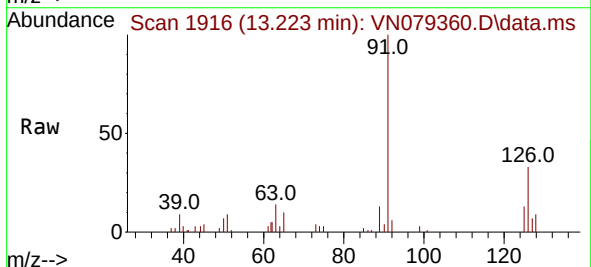
Manual Integrations
APPROVED

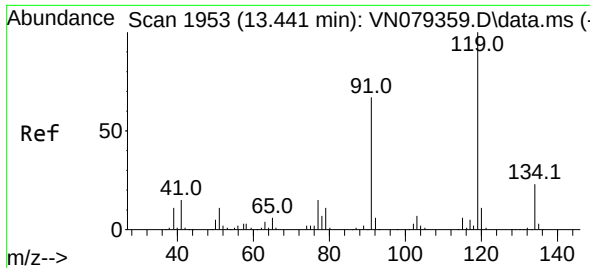
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#78
4-Chlorotoluene
Concen: 4.394 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Tgt Ion: 91 Resp: 30994
Ion Ratio Lower Upper
91 100
126 33.4 0.0 65.4





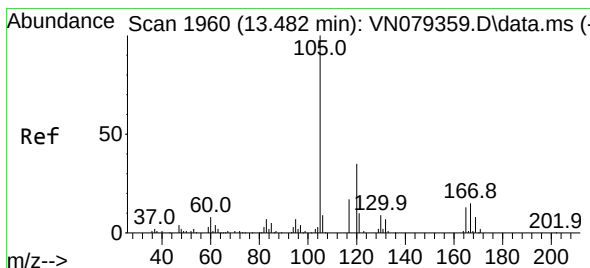
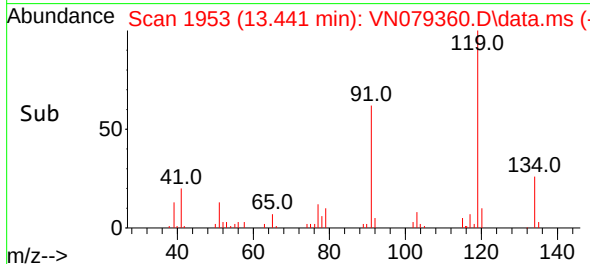
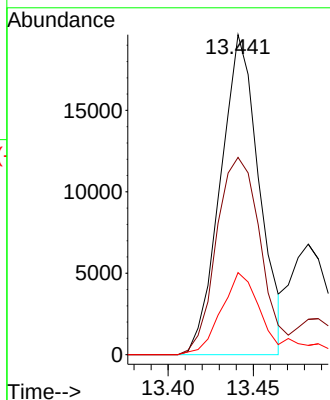
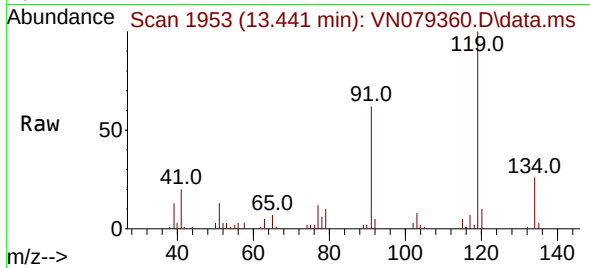
#79
tert-butylbenzene
Concen: 4.296 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 31060
Ion Ratio Lower Upper
119 100
91 70.4 0.0 140.6
134 25.1 0.0 49.8

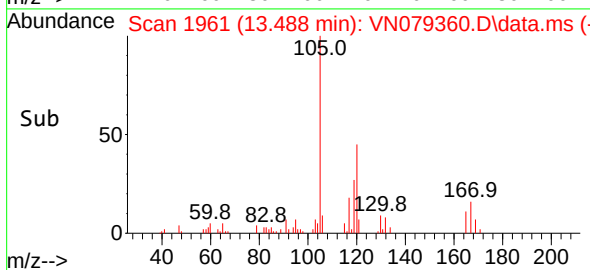
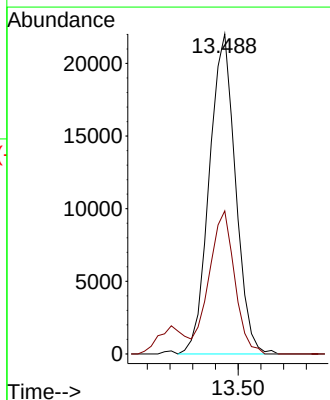
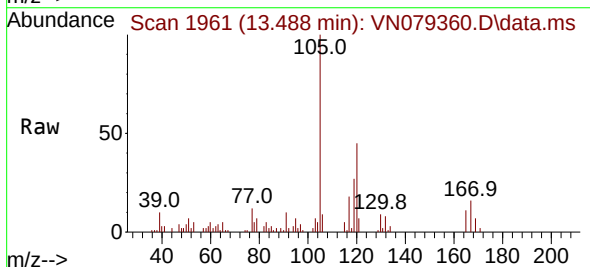
Manual Integrations
APPROVED

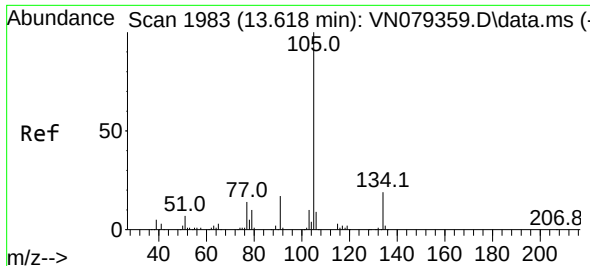
Reviewed By :John Carbone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#80
1,2,4-Trimethylbenzene
Concen: 4.131 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

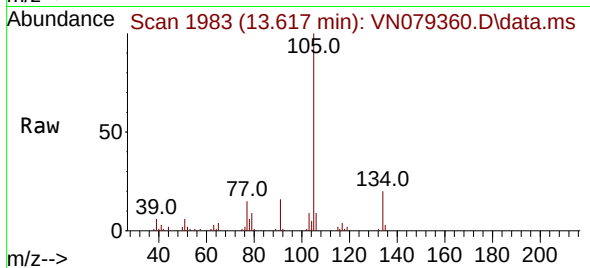
Tgt Ion:105 Resp: 35270
Ion Ratio Lower Upper
105 100
120 43.4 0.0 88.6





#81
 sec-Butylbenzene
 Concen: 4.380 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN079360.D
 Acq: 27 Sep 2023 11:53

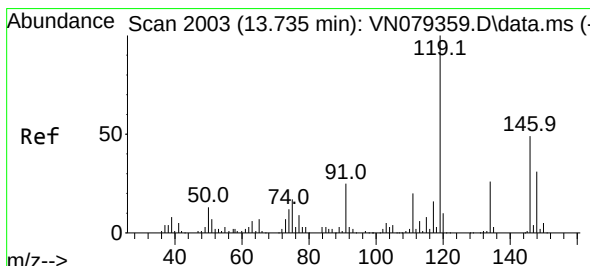
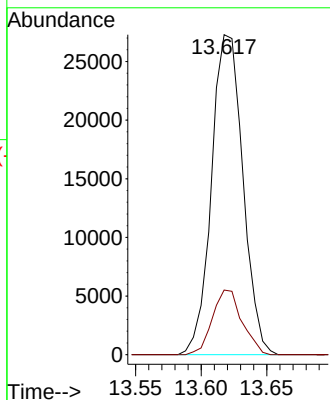
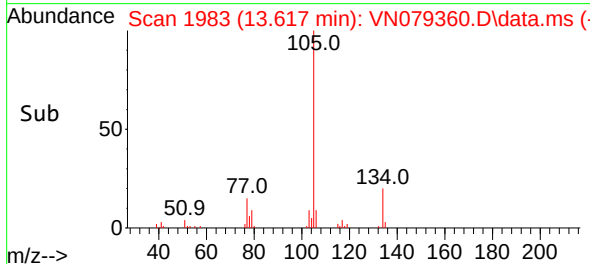
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



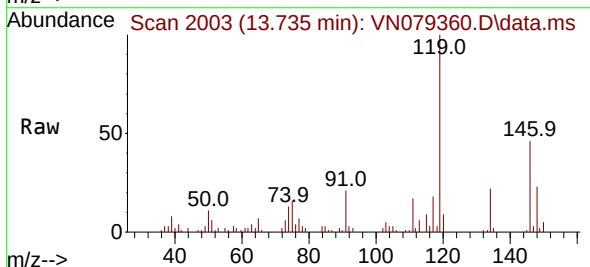
Tgt Ion:105 Resp: 4544
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 38.2

Manual Integrations
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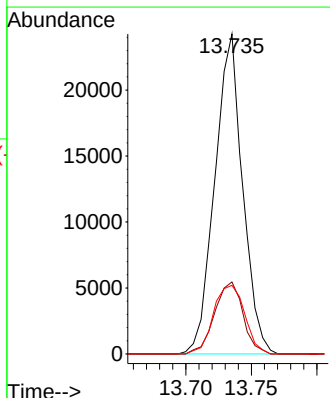
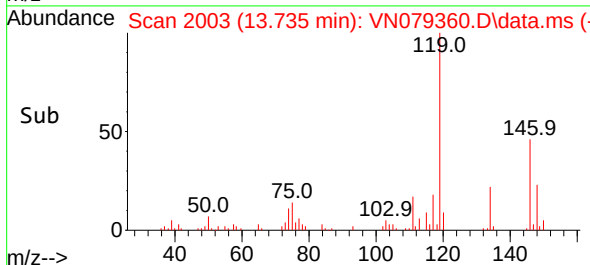
Reviewed By :John Carlone 09/28/2023
 Supervised By :Semsettin Yesilyurt 09/28/2023

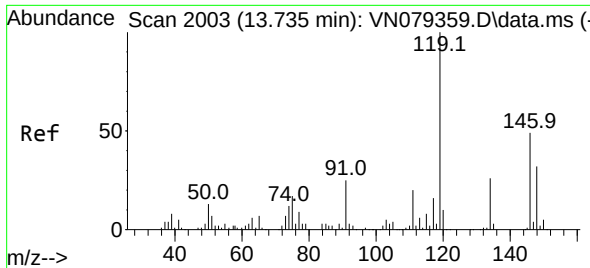


#82
 p-Isopropyltoluene
 Concen: 4.347 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079360.D
 Acq: 27 Sep 2023 11:53



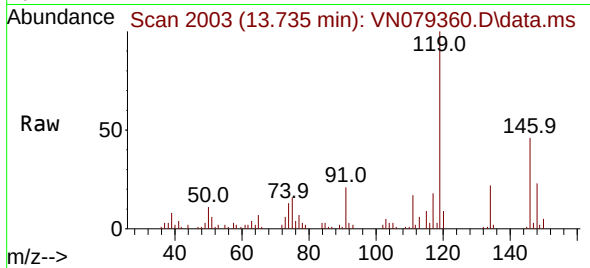
Tgt Ion:119 Resp: 35753
 Ion Ratio Lower Upper
 119 100
 134 23.0 0.0 52.2
 91 24.1 0.0 50.0





#83
1,3-Dichlorobenzene
Concen: 4.347 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

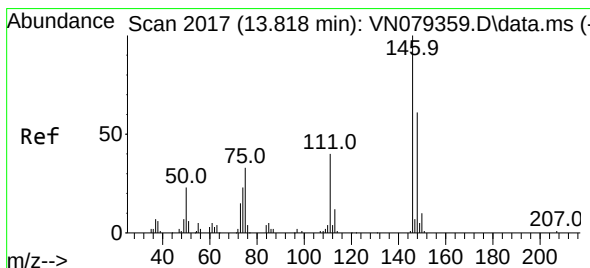
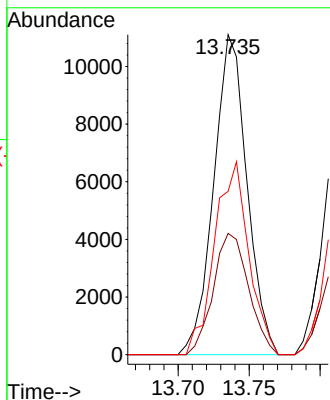
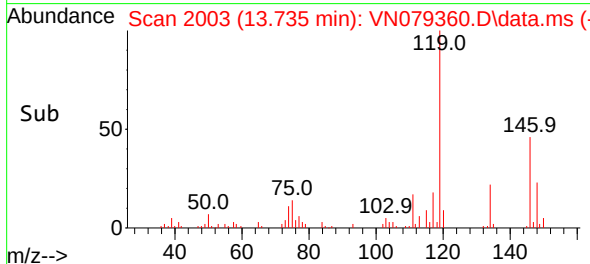
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



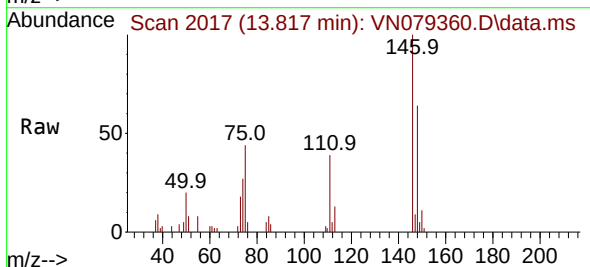
Tgt Ion:146 Resp: 1807
Ion Ratio Lower Upper
146 100
111 40.3 21.0 63.0
148 62.0 32.4 97.0

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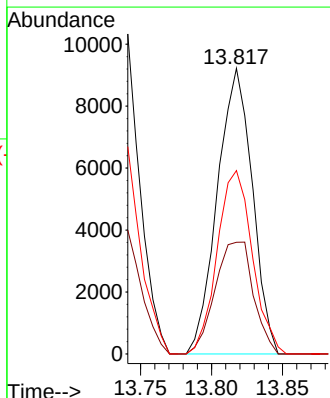
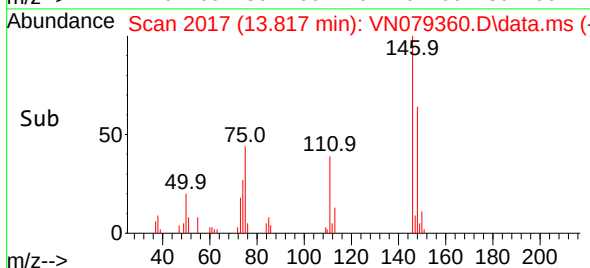
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

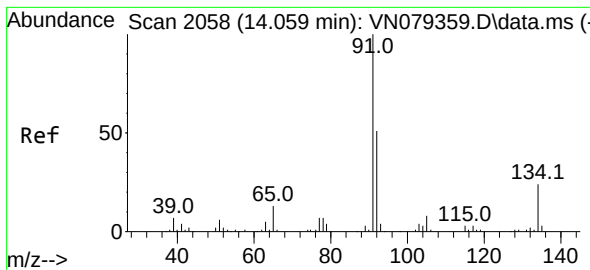


#84
1,4-Dichlorobenzene
Concen: 4.051 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53



Tgt Ion:146 Resp: 15788
Ion Ratio Lower Upper
146 100
111 43.0 19.9 59.7
148 64.7 32.6 97.7





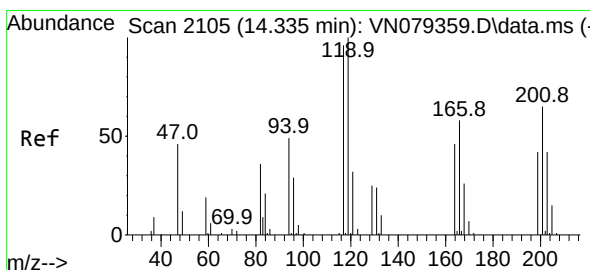
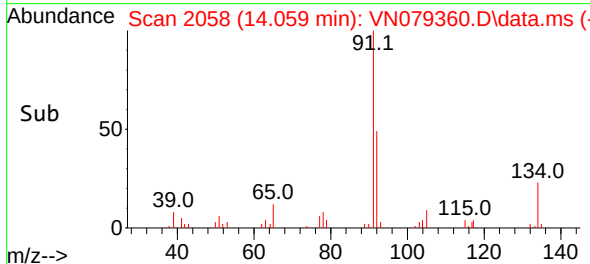
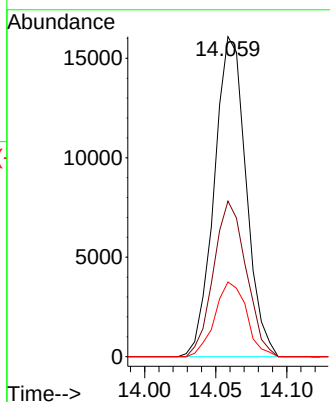
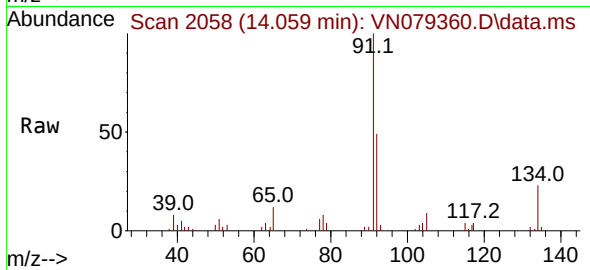
#85
n-Butylbenzene
Concen: 3.977 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Instrument : MSVOA_N
ClientSampleId : VSTDIC005

Tgt Ion: 91 Resp: 25080
Ion Ratio Lower Upper
91 100
92 49.8 0.0 99.6
134 23.3 0.0 46.2

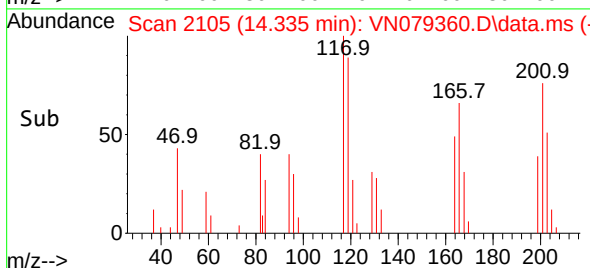
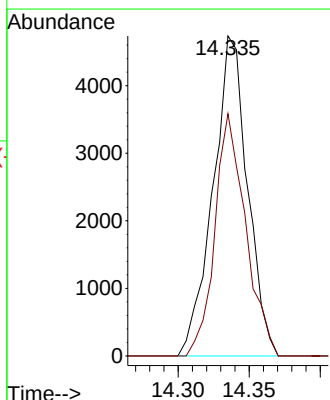
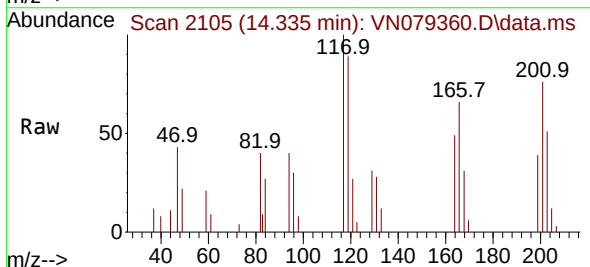
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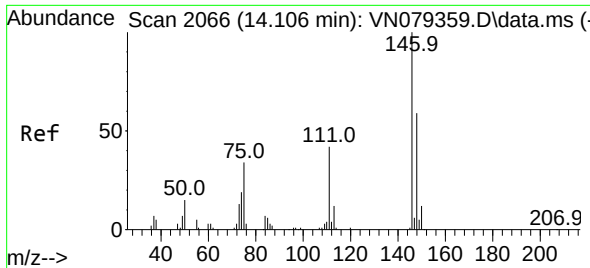
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#86
Hexachloroethane
Concen: 4.693 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Tgt Ion:117 Resp: 7997
Ion Ratio Lower Upper
117 100
201 67.4 32.5 97.5





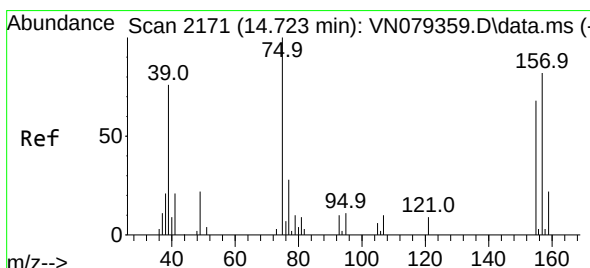
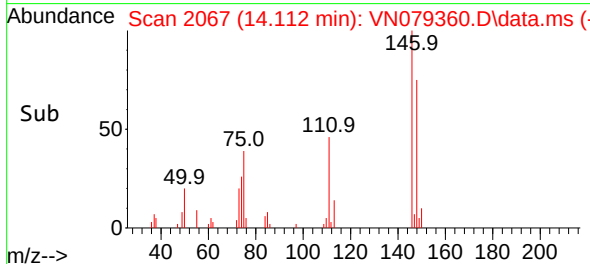
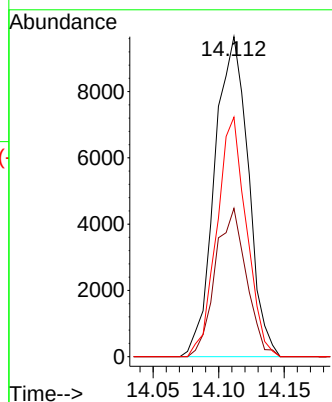
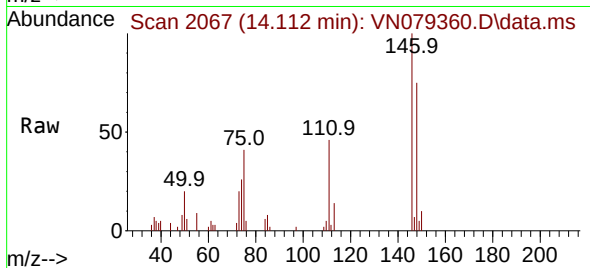
#87
1,2-Dichlorobenzene
Concen: 4.193 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 1722
Ion Ratio Lower Upper
146 100
111 42.8 22.0 66.0
148 65.8 31.1 93.5

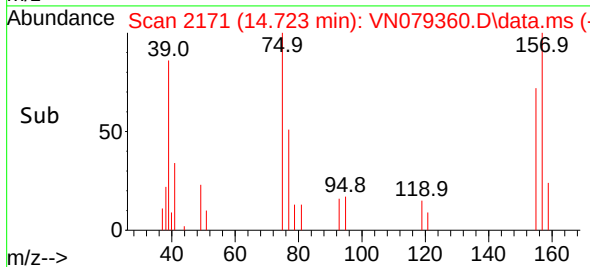
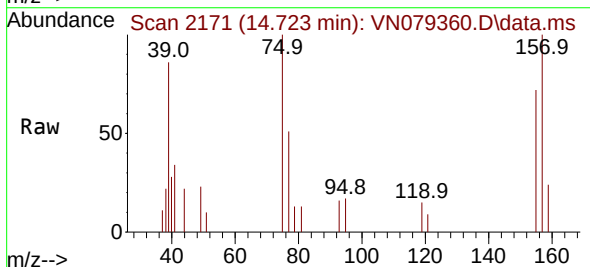
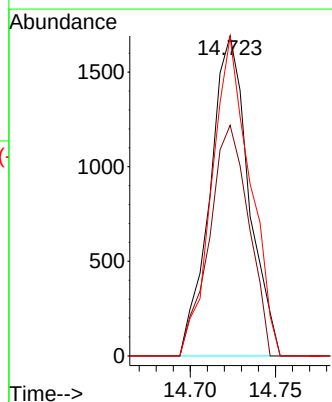
Manual Integrations
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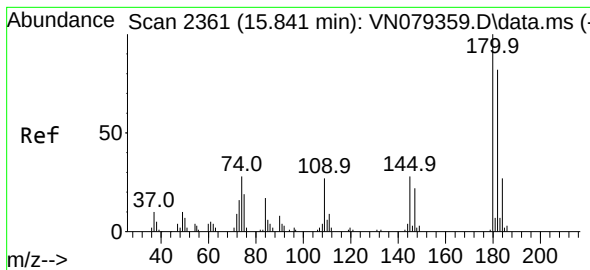
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 4.603 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Tgt Ion: 75 Resp: 2672
Ion Ratio Lower Upper
75 100
155 73.2 60.7 91.1
157 98.4 76.8 115.2





#89

1,2,4-Trichlorobenzene

Concen: 3.827 ug/l

RT: 15.847 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN079360.D

Acq: 27 Sep 2023 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

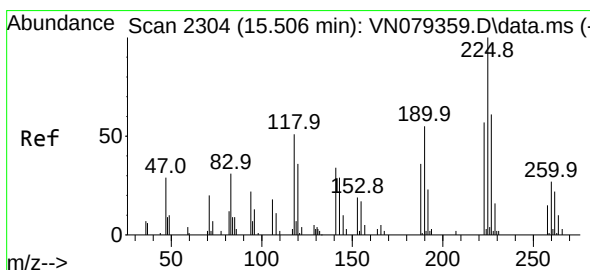
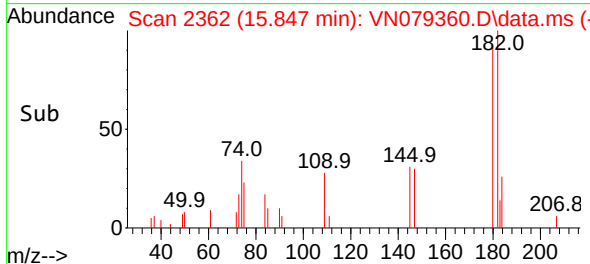
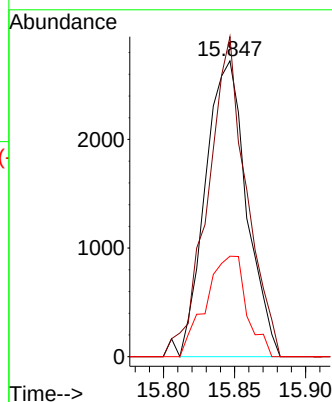
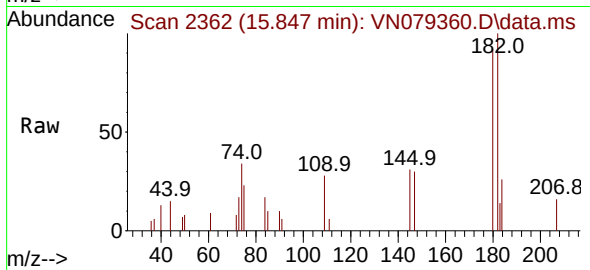
Tgt Ion:	180	Resp:	5489
Ion Ratio	Lower	Upper	
180	100		
182	101.7	74.2	111.4
145	33.7	25.4	38.2

Manual Integrations

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Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#90

Hexachlorobutadiene

Concen: 4.971 ug/l

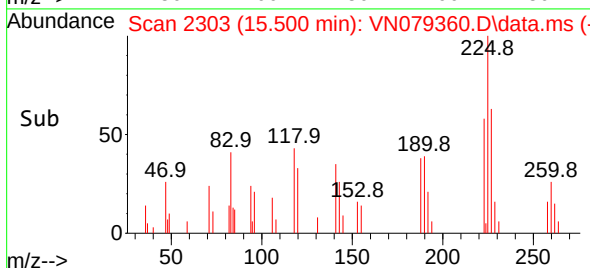
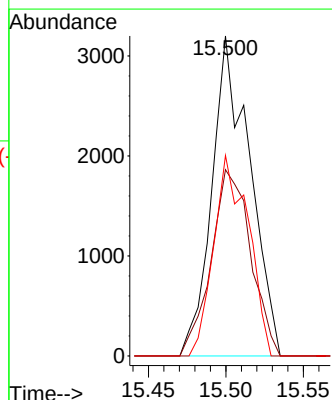
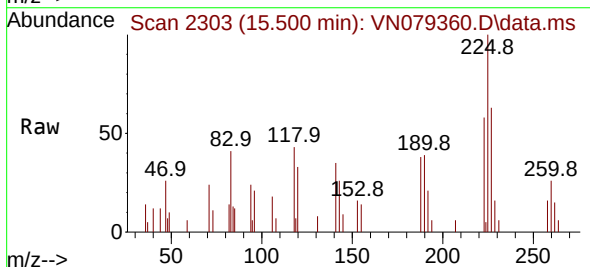
RT: 15.500 min Scan# 2303

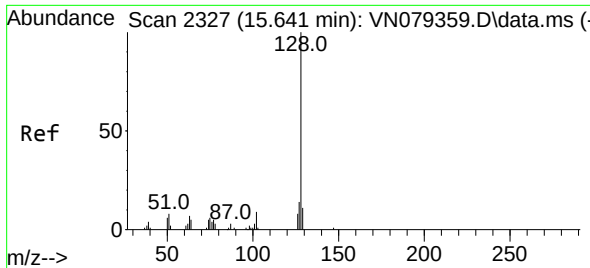
Delta R.T. -0.006 min

Lab File: VN079360.D

Acq: 27 Sep 2023 11:53

Tgt Ion:	225	Resp:	5434
Ion Ratio	Lower	Upper	
225	100		
223	60.7	0.0	126.0
227	57.3	0.0	127.0





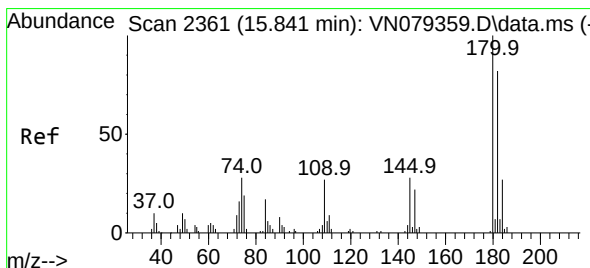
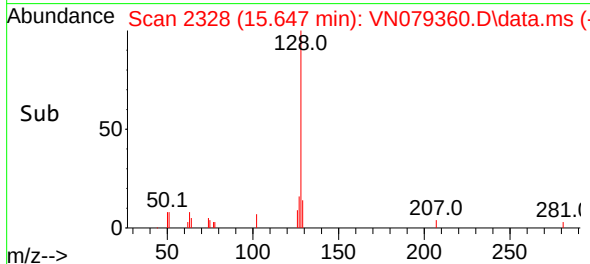
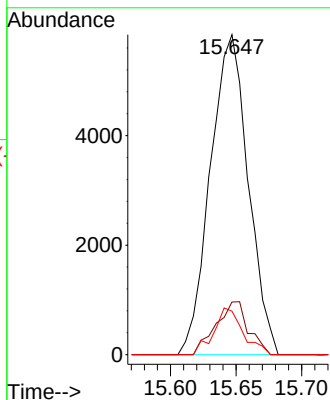
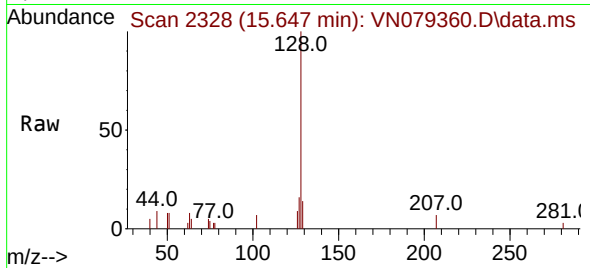
#91
Naphthalene
Concen: 3.416 ug/l
RT: 15.647 min Scan# 2174
Delta R.T. 0.006 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 11740
Ion Ratio Lower Upper
128 100
127 14.2 10.9 16.3
129 11.2 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#92
1,2,3-Trichlorobenzene
Concen: 3.620 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079360.D
Acq: 27 Sep 2023 11:53

Tgt Ion:180 Resp: 5489
Ion Ratio Lower Upper
180 100
182 101.7 0.0 185.6
145 33.7 0.0 63.6

