

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
 Data File : VN079059.D
 Acq On : 28 Aug 2023 11:46
 Operator : JC\MD
 Sample : VN0828WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/29/2023
 Supervised By : Semsettin Yesilyurt 08/29/2023

Quant Time: Aug 29 05:20:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	38498	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	212209	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	188943	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	91175	29.233	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.433%		
60) 4-Bromofluorobenzene	12.853	95	83175	30.178	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.600%		
63) Toluene-d8	10.571	98	269522	30.546	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.833%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	47306	19.473	ug/l	99
3) Chloromethane	2.365	50	55042	18.906	ug/l	99
4) Vinyl Chloride	2.518	62	55652	19.314	ug/l	99
5) Bromomethane	2.959	94	37866	21.289	ug/l	98
6) Chloroethane	3.124	64	38881	20.764	ug/l	94
7) Trichlorofluoromethane	3.495	101	80783	20.815	ug/l	98
8) Diethyl Ether	3.959	74	31374	21.494	ug/l	41
9) 1,1,2-Trichlorotrifluo...	4.377	101	43290	21.358	ug/l	65
10) 1,1-Dichloroethene	4.348	96	40098m	19.664	ug/l	
11) Methyl Iodide	4.595	142	51508	20.932	ug/l	96
12) Methyl Acetate	5.030	43	97571	20.413	ug/l	99
13) Acrolein	4.183	56	21651	64.989	ug/l	92
14) Acrylonitrile	5.724	53	124761	99.296	ug/l #	92
15) Acetone	4.436	58	44378	115.140	ug/l	94
16) Carbon Disulfide	4.706	76	105998	18.091	ug/l	98
17) Allyl chloride	5.024	41	70817	18.947	ug/l	95
18) Methylene Chloride	5.283	84	49322	20.232	ug/l	97
19) trans-1,2-Dichloroethene	5.789	96	45937	20.015	ug/l	93
20) Diisopropyl ether	6.677	45	165941	20.410	ug/l	92
21) 1,1-Dichloroethane	6.577	63	90341	20.025	ug/l	95
22) cis-1,2-Dichloroethene	7.489	96	52928	20.150	ug/l	97
23) tert-Butyl Alcohol	5.530	59	44847	95.689	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	146529	20.243	ug/l	100
25) Chloroform	7.971	83	89606	19.716	ug/l	94
26) Cyclohexane	8.259	56	67899	20.575	ug/l #	99
29) 1,1-Dichloropropene	8.371	75	65510	20.293	ug/l	98
30) 2-Butanone	7.489	43	191686	101.432	ug/l	99
31) 2,2-Dichloropropane	7.489	77	74251	20.812	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	78470	20.360	ug/l	97
33) Carbon Tetrachloride	8.365	117	68818	20.614	ug/l	98
34) Benzene	8.612	78	197244	20.389	ug/l	99
35) Methacrylonitrile	7.789	41	40653	20.183	ug/l	92
36) 1,2-Dichloroethane	8.677	62	73172m	20.198	ug/l	
37) Trichloroethene	9.359	130	46530	19.323	ug/l	95
38) Methylcyclohexane	9.600	83	64831	22.811	ug/l	98
39) 1,2-Dichloropropane	9.630	63	52456	20.131	ug/l	100
40) Dibromomethane	9.712	93	35733	20.458	ug/l	97
41) Bromodichloromethane	9.894	83	71813	20.444	ug/l	99
42) Vinyl Acetate	6.606	43	540240	101.393	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	71323	19.454	ug/l	94
44) Isopropyl Acetate	8.694	43	122392	18.946	ug/l	99
45) 1,4-Dioxane	9.700	88	20179	415.095	ug/l #	90
46) Methyl methacrylate	9.688	41	58595	20.587	ug/l	87
47) n-amyl Acetate	12.500	43	90845	18.325	ug/l	96
48) t-1,3-Dichloropropene	10.841	75	78048	20.862	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	81386	20.288	ug/l	95
50) 1,1,2-Trichloroethane	11.018	97	47020	19.920	ug/l	94
51) Ethyl methacrylate	10.877	69	73446	20.104	ug/l	97
52) 1,3-Dichloropropane	11.171	76	87778	20.762	ug/l	99
53) Dibromochloromethane	11.365	129	53266	20.618	ug/l	96
54) 1,2-Dibromoethane	11.477	107	49523	20.436	ug/l	93
55) 2-Chloroethyl vinyl ether	10.165	63	142209	84.215	ug/l	99
56) Bromoform	12.582	173	36964	20.279	ug/l #	94
58) 4-Methyl-2-Pentanone	10.447	43	378889	101.072	ug/l	100
59) 2-Hexanone	11.200	43	271722	98.930	ug/l	100
61) Tetrachloroethene	11.106	164	40981	22.401	ug/l	94
62) Toluene	10.635	91	212443	20.595	ug/l	98
64) Chlorobenzene	11.894	112	128713	20.753	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.965	131	49804	21.001	ug/l	99
66) Ethyl Benzene	11.971	91	221544	20.532	ug/l	96
67) m/p-Xylenes	12.077	106	168465	41.874	ug/l	99
68) o-Xylene	12.400	106	84908	21.405	ug/l	93
69) Styrene	12.418	104	132528	20.561	ug/l	99
70) Isopropylbenzene	12.700	105	207258	21.564	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	74010	20.541	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	57263m	19.373	ug/l	
73) Bromobenzene	12.982	156	49623	20.280	ug/l	96
74) n-propylbenzene	13.041	91	235030	21.577	ug/l	99
75) 2-Chlorotoluene	13.129	91	148463	21.484	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	170306	22.352	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	22734	20.696	ug/l	81
78) 4-Chlorotoluene	13.224	91	140830	21.272	ug/l	100
79) tert-butylbenzene	13.441	119	138686	21.541	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	167929	22.415	ug/l	100
81) sec-Butylbenzene	13.623	105	197437	23.236	ug/l	97
82) p-Isopropyltoluene	13.735	119	155714	22.446	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	82683	20.938	ug/l	96
84) 1,4-Dichlorobenzene	13.818	146	78563	20.264	ug/l	96
85) n-Butylbenzene	14.059	91	125317	22.967	ug/l	99
86) Hexachloroethane	14.341	117	31877	22.457	ug/l	88
87) 1,2-Dichlorobenzene	14.106	146	85965	21.254	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	13190	20.396	ug/l	95
89) 1,2,4-Trichlorobenzene	15.847	180	32693	20.467	ug/l	98
90) Hexachlorobutadiene	15.506	225	17189	20.669	ug/l	91
91) Naphthalene	15.647	128	88264	19.158	ug/l #	91
92) 1,2,3-Trichlorobenzene	15.847	180	32693	20.467	ug/l	98

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

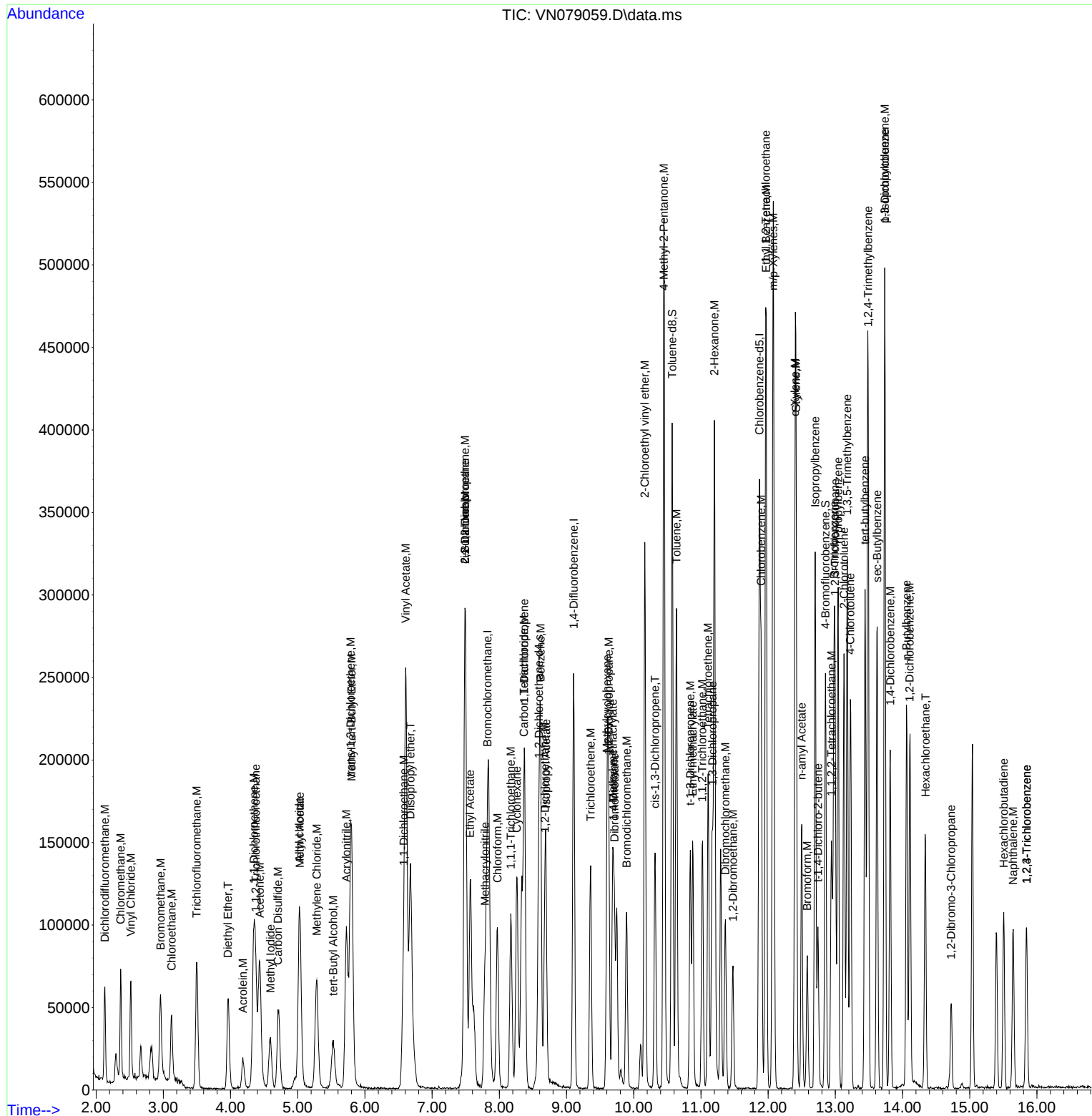
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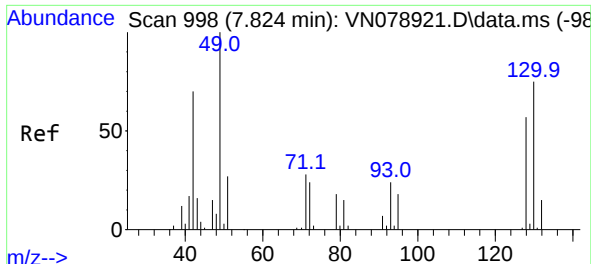
Instrument :
 MSVOA_N
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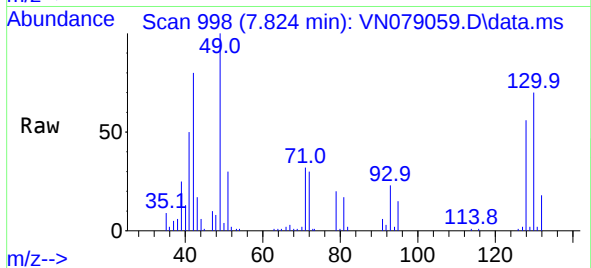
Quant Time: Aug 29 05:20:17 2023
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

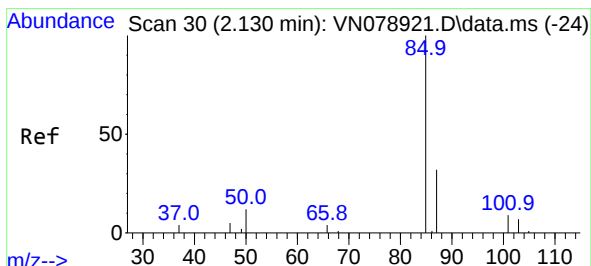
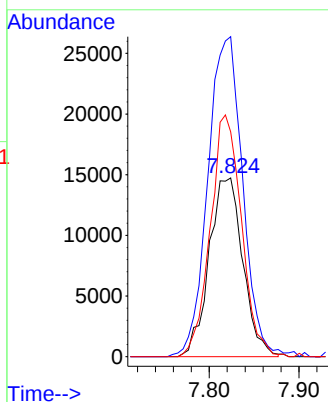
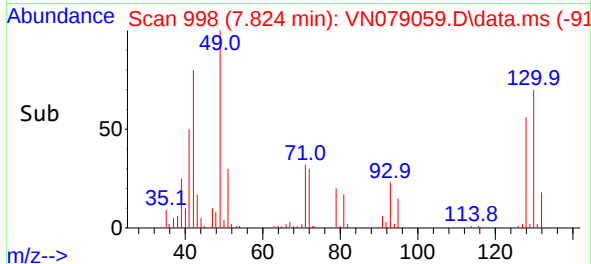
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



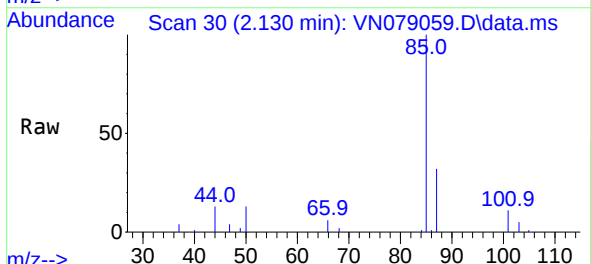
Tgt Ion:128 Resp: 38498
Ion Ratio Lower Upper
128 100
49 183.9 0.0 481.8
130 124.9 0.0 320.5

Manual Integrations
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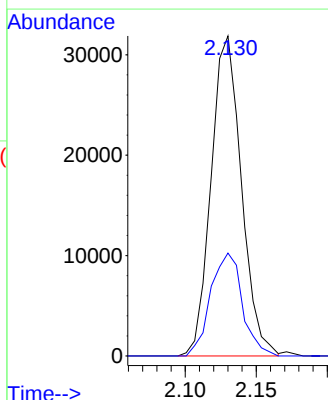
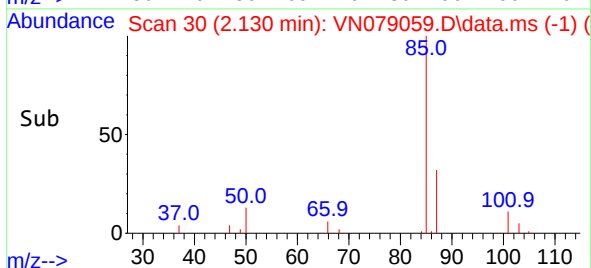
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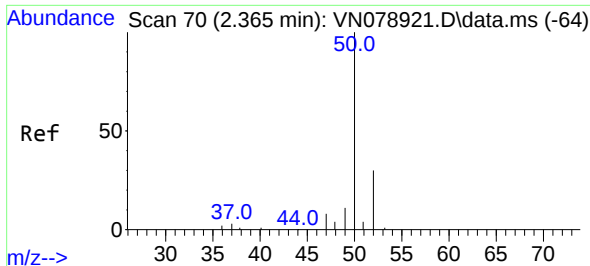


#2
Dichlorodifluoromethane
Concen: 19.473 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46



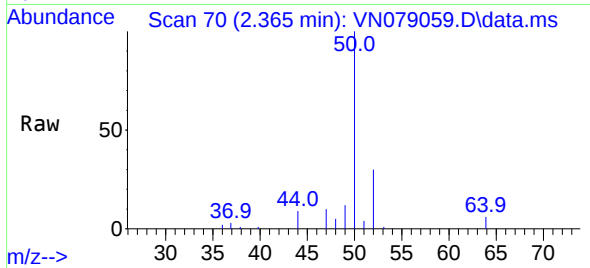
Tgt Ion: 85 Resp: 47306
Ion Ratio Lower Upper
85 100
87 32.2 15.9 47.7





#3
Chloromethane
Concen: 18.906 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

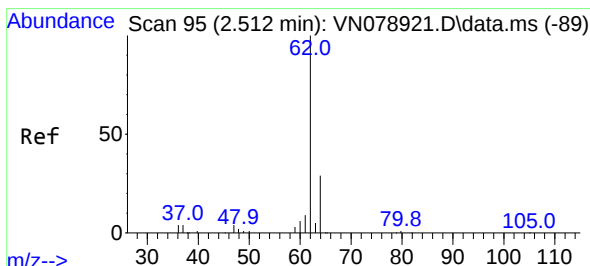
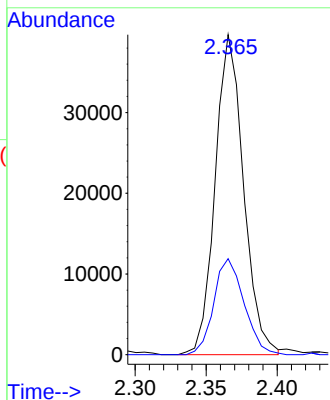
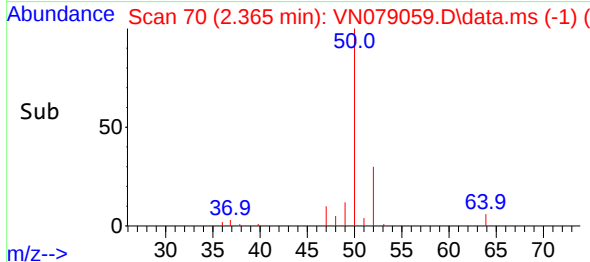
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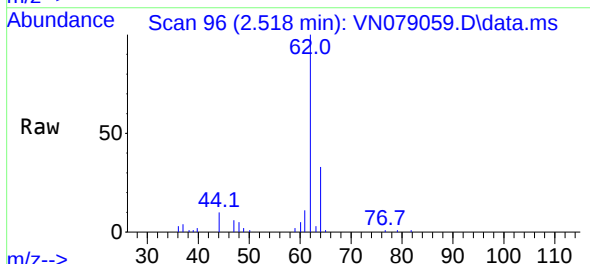
Tgt Ion: 50 Resp: 5504
Ion Ratio Lower Upper
50 100
52 30.0 24.2 36.4

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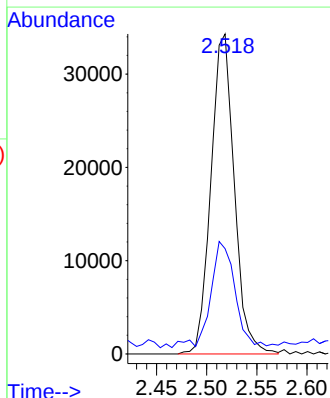
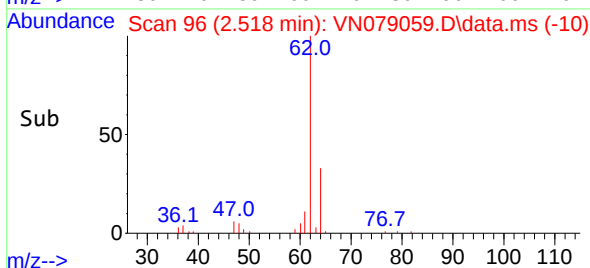
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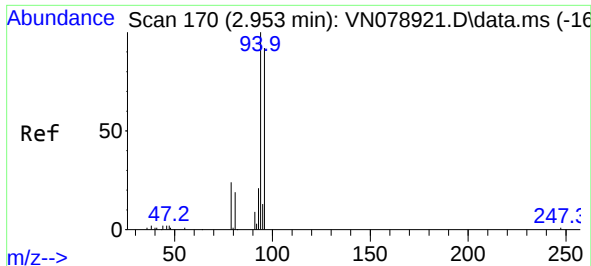


#4
Vinyl Chloride
Concen: 19.314 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46



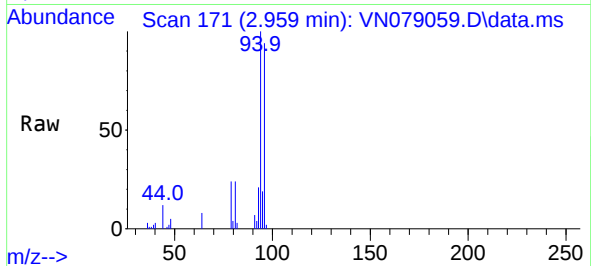
Tgt Ion: 62 Resp: 55652
Ion Ratio Lower Upper
62 100
64 30.1 23.8 35.8





#5
Bromomethane
Concen: 21.289 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

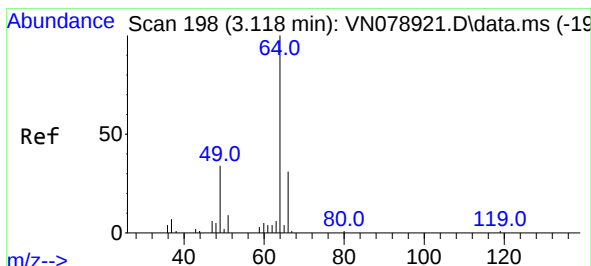
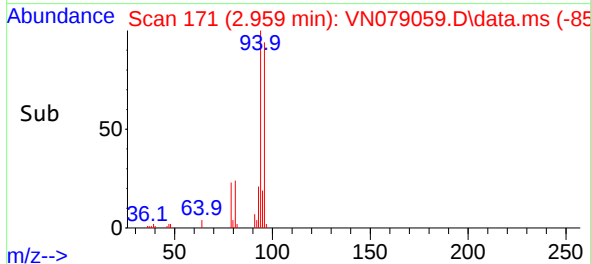
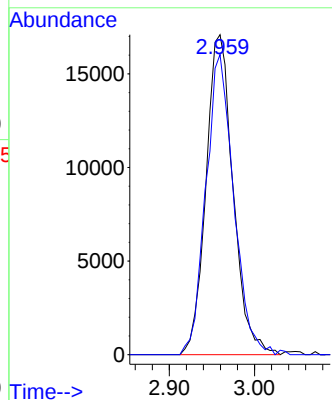
Instrument :
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Tgt Ion: 94 Resp: 3786
Ion Ratio Lower Upper
94 100
96 93.8 73.6 110.4

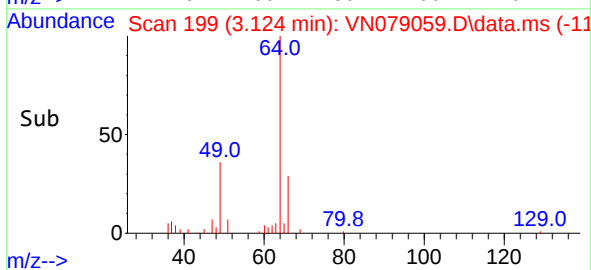
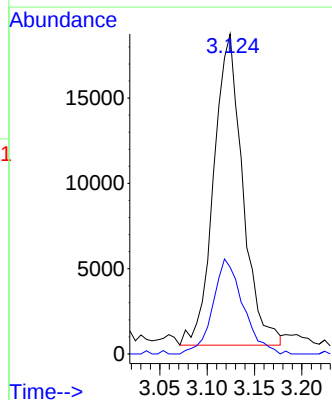
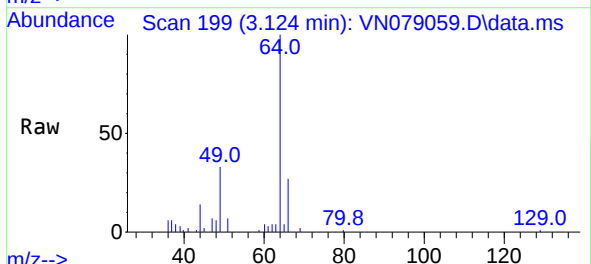
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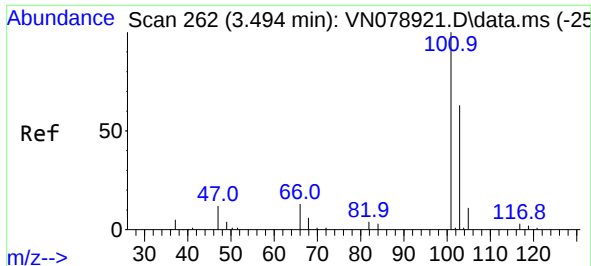
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#6
Chloroethane
Concen: 20.764 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

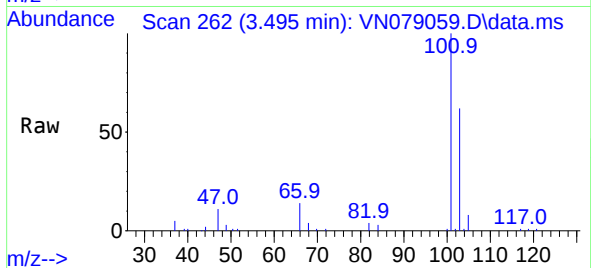
Tgt Ion: 64 Resp: 38881
Ion Ratio Lower Upper
64 100
66 27.9 24.9 37.3





#7
Trichlorofluoromethane
Concen: 20.815 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN079059.D
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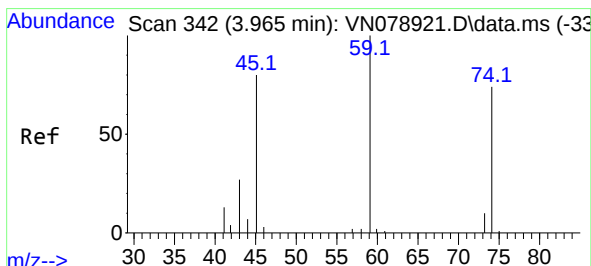
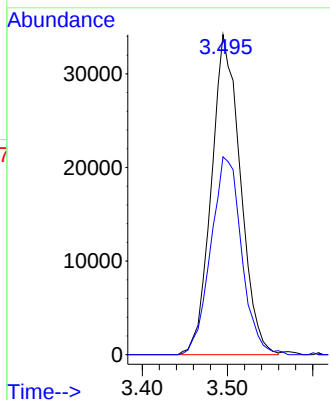
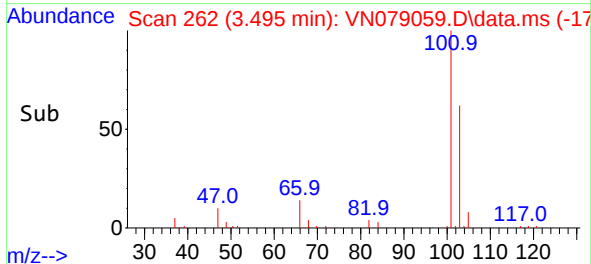
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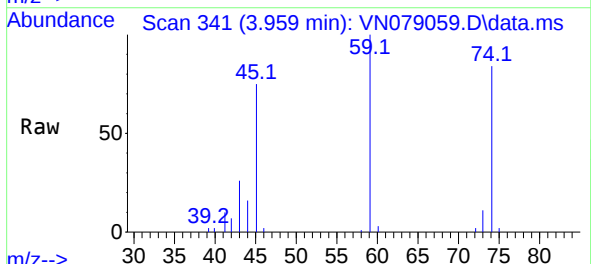
Tgt Ion:101 Resp: 8078
Ion Ratio Lower Upper
101 100
103 61.8 50.9 76.3

Manual Integrations
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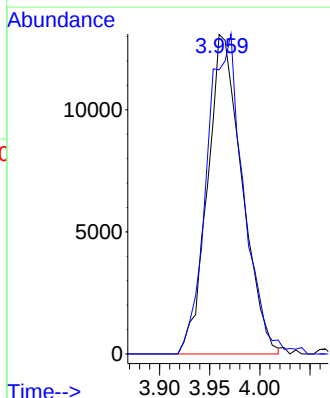
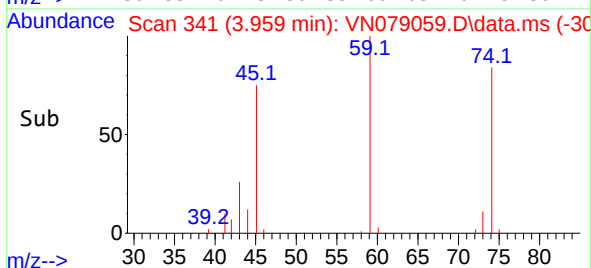
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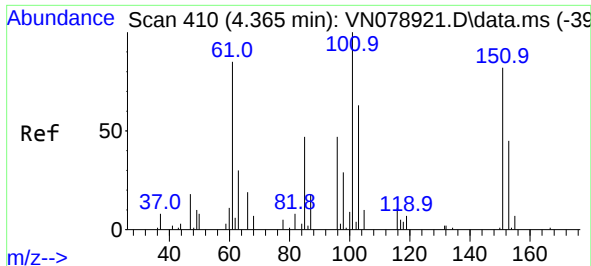


#8
Diethyl Ether
Concen: 21.494 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46



Tgt Ion: 74 Resp: 31374
Ion Ratio Lower Upper
74 100
45 44.9 21.3 191.9





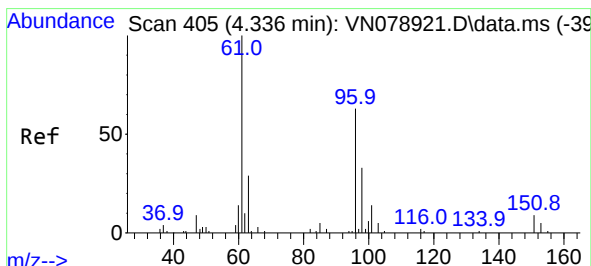
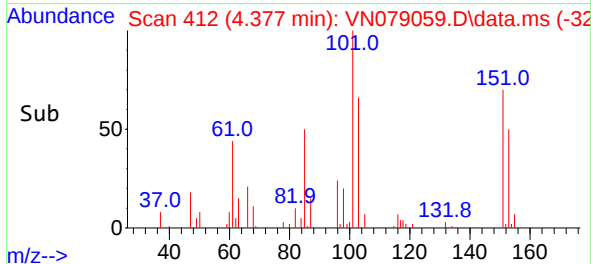
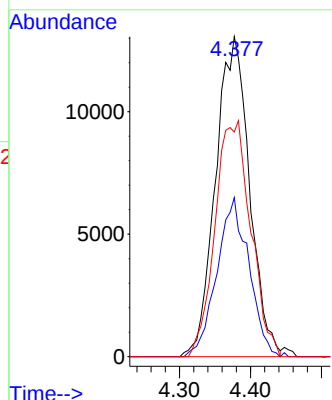
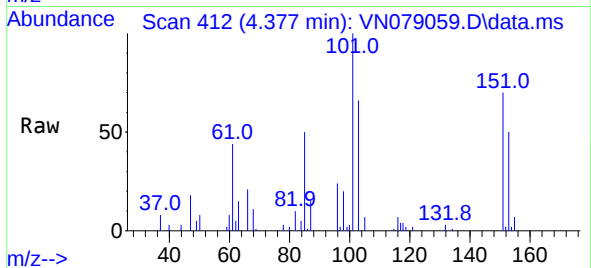
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1,1,2-Trichlorotrifluoroethane
Concen: 21.358 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN079059.D
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Instrument :
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ClientSampleId :
VN0828WBSD01

Tgt Ion:101 Resp: 43290
Ion Ratio Lower Upper
101 100
85 46.9 0.0 65.4
151 44.5 0.0 156.8

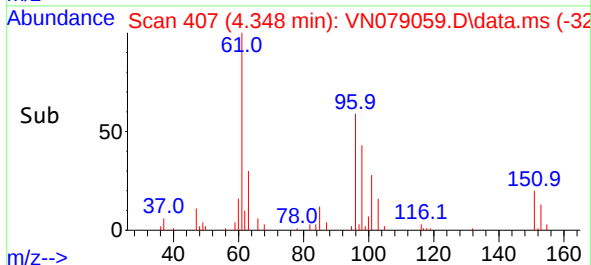
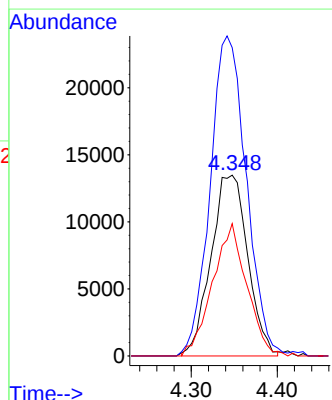
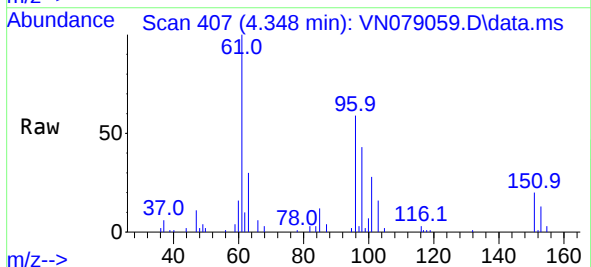
Manual Integrations
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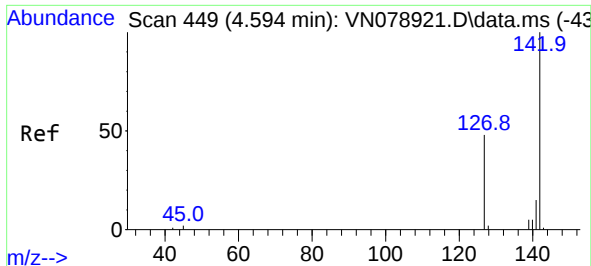
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#10
1,1-Dichloroethene
Concen: 19.664 ug/l m
RT: 4.348 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

Tgt Ion: 96 Resp: 40098
Ion Ratio Lower Upper
96 100
61 170.5 126.2 189.4
98 73.2 41.7 62.5#





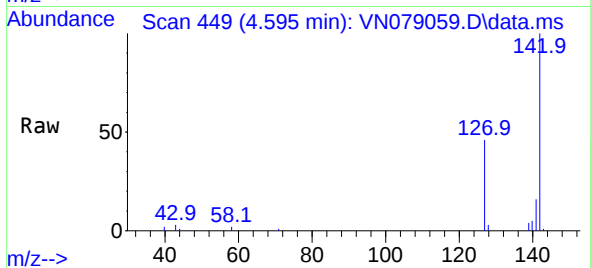
#11
Methyl Iodide
Concen: 20.932 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD01



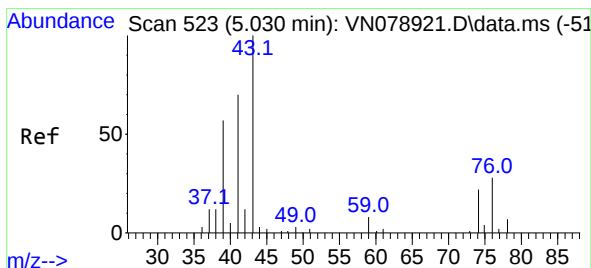
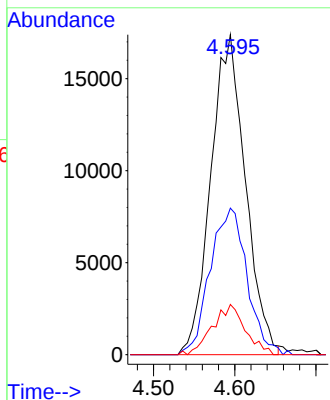
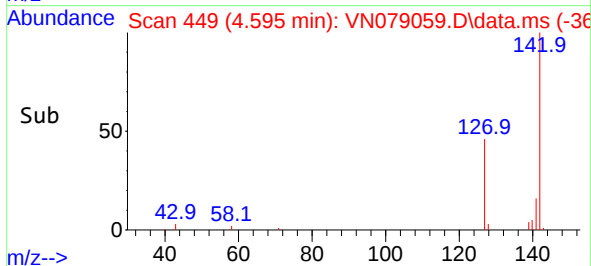
Tgt Ion:142 Resp: 51508
Ion Ratio Lower Upper
142 100
127 45.4 24.3 72.9
141 15.9 7.3 22.0

Manual Integrations

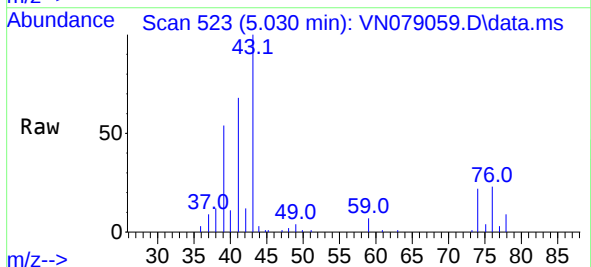
APPROVED

Reviewed By :John Carlone 08/29/2023

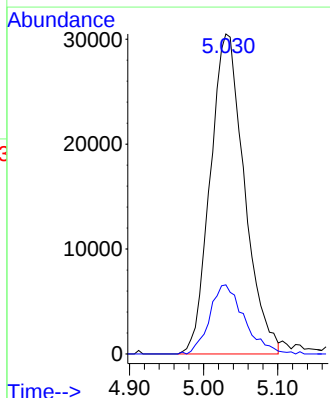
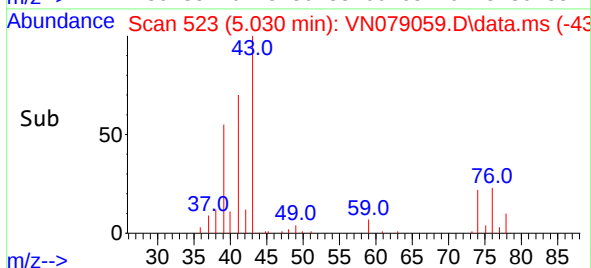
Supervised By :Semsettin Yesilyurt 08/29/2023

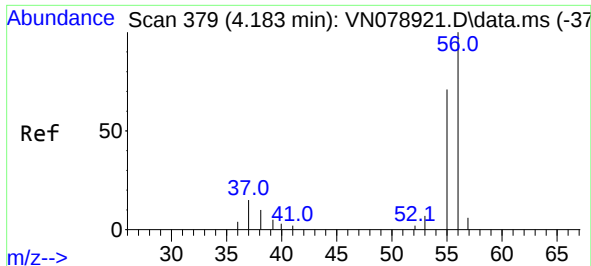


#12
Methyl Acetate
Concen: 20.413 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46



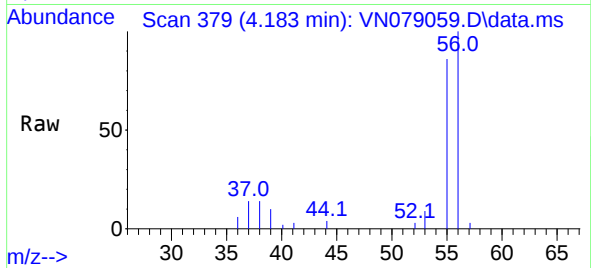
Tgt Ion: 43 Resp: 97571
Ion Ratio Lower Upper
43 100
74 21.5 17.5 26.3





#13
Acrolein
Concen: 64.989 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

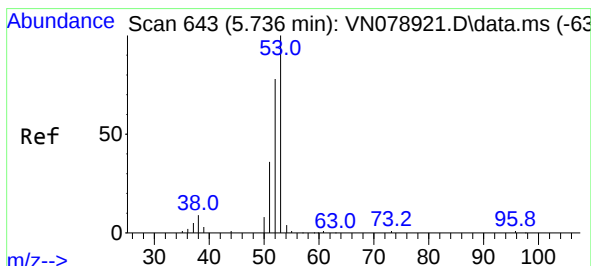
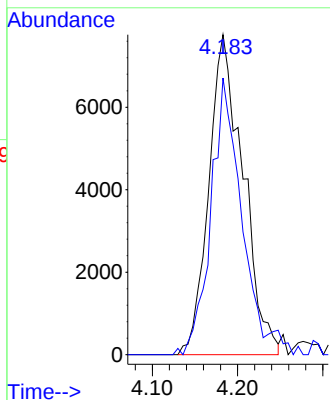
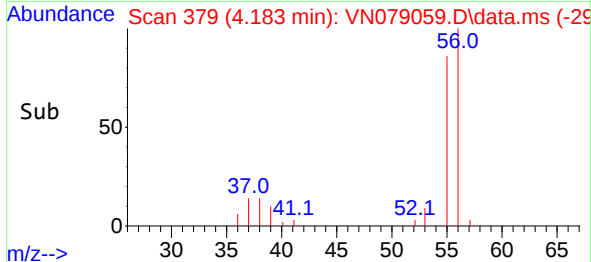
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



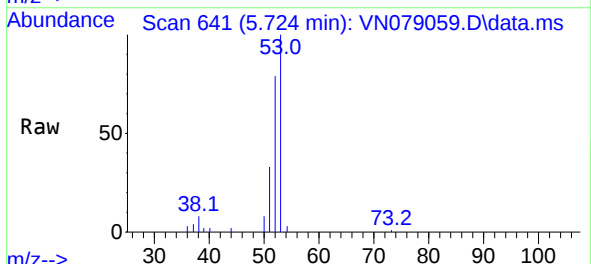
Tgt Ion: 56 Resp: 2165
Ion Ratio Lower Upper
56 100
55 74.3 54.5 81.7

Manual Integrations
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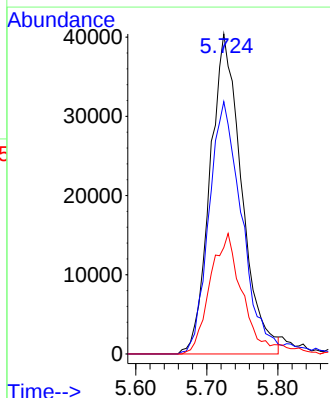
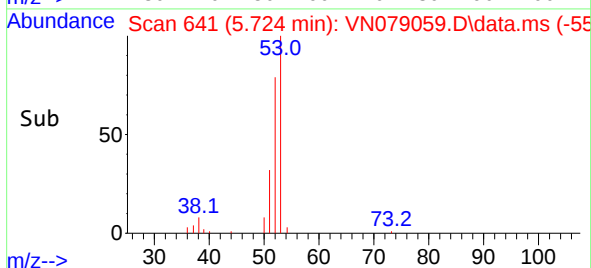
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

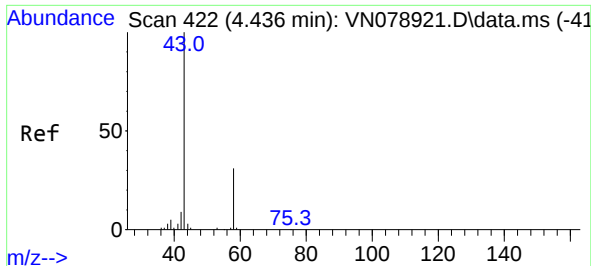


#14
Acrylonitrile
Concen: 99.296 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.012 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46



Tgt Ion: 53 Resp: 124761
Ion Ratio Lower Upper
53 100
52 82.0 41.9 125.6
51 36.7 10.1 30.1#





#15

Acetone

Concen: 115.140 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN079059.D

Acq: 28 Aug 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD01

Tgt Ion: 58 Resp: 44378

Ion Ratio Lower Upper

58 100

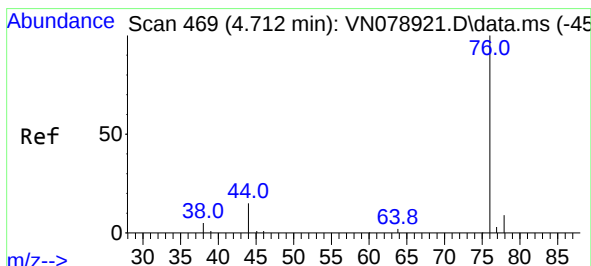
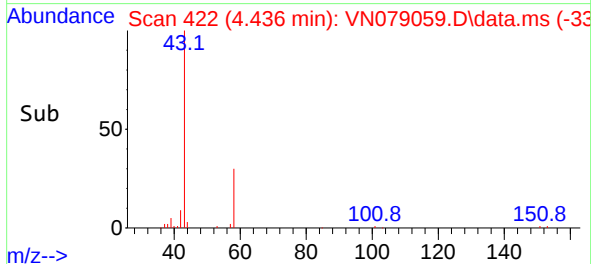
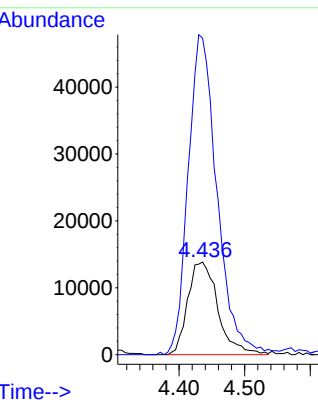
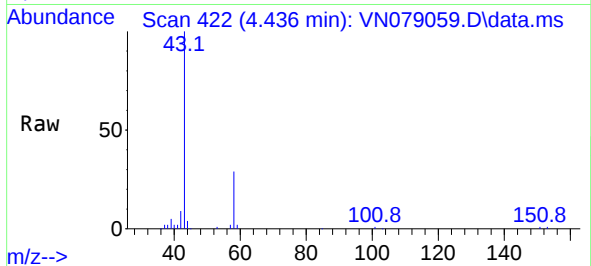
43 339.1 260.6 390.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2023

Supervised By :Semsettin Yesilyurt 08/29/2023



#16

Carbon Disulfide

Concen: 18.091 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.006 min

Lab File: VN079059.D

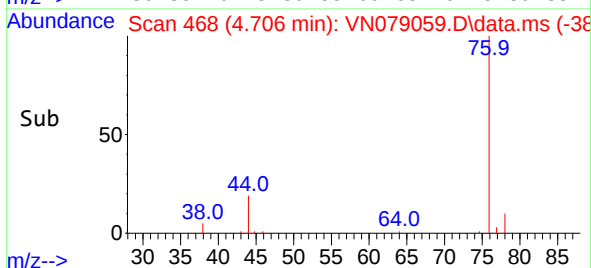
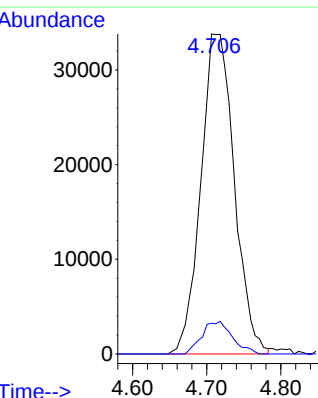
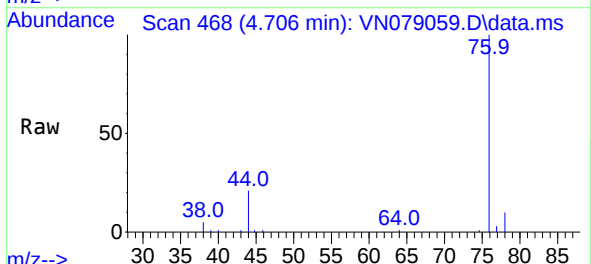
Acq: 28 Aug 2023 11:46

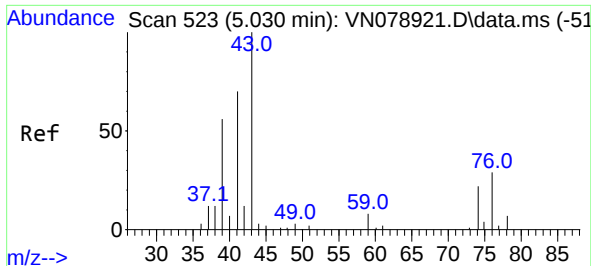
Tgt Ion: 76 Resp: 105998

Ion Ratio Lower Upper

76 100

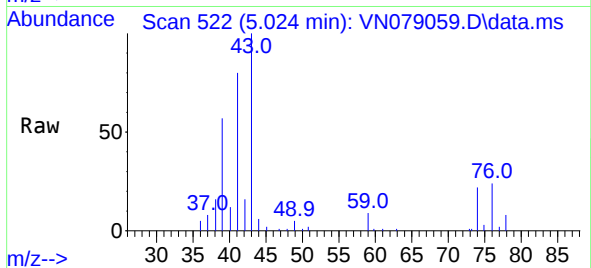
78 9.6 7.0 10.6





#17
 Allyl chloride
 Concen: 18.947 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN079059.D
 Acq: 28 Aug 2023 11:46

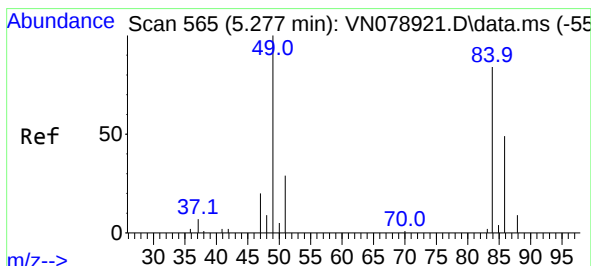
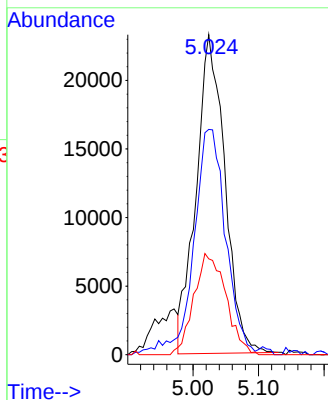
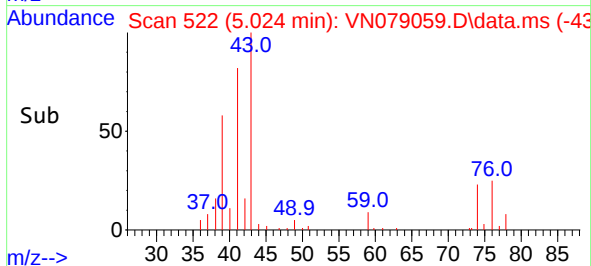
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD01



Tgt Ion: 41 Resp: 7081
 Ion Ratio Lower Upper
 41 100
 39 70.9 36.9 110.7
 76 30.2 17.3 51.9

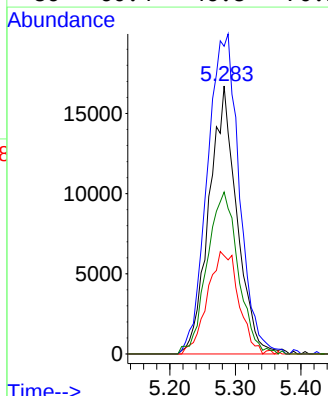
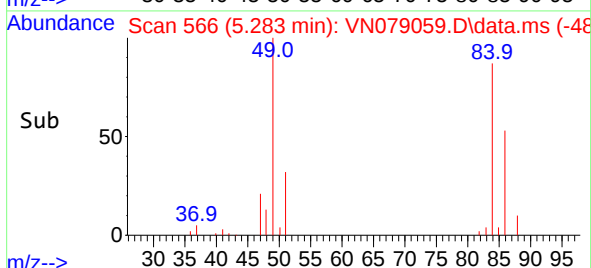
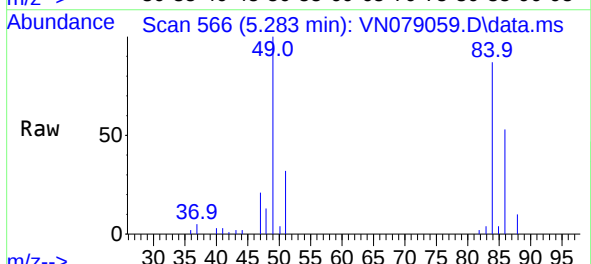
Manual Integrations
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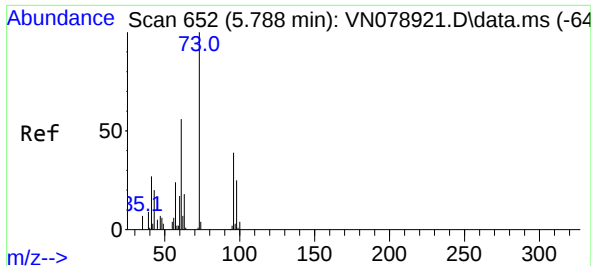
Reviewed By :John Carlone 08/29/2023
 Supervised By :Semsettin Yesilyurt 08/29/2023



#18
 Methylene Chloride
 Concen: 20.232 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.006 min
 Lab File: VN079059.D
 Acq: 28 Aug 2023 11:46

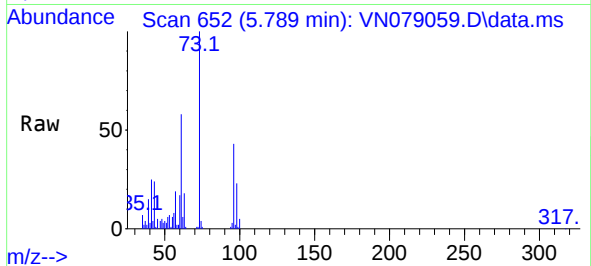
Tgt Ion: 84 Resp: 49322
 Ion Ratio Lower Upper
 84 100
 49 114.8 95.8 143.6
 51 36.6 28.6 43.0
 86 60.4 46.8 70.2





#19
trans-1,2-Dichloroethene
Concen: 20.015 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

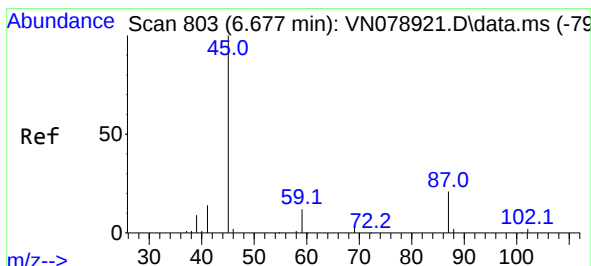
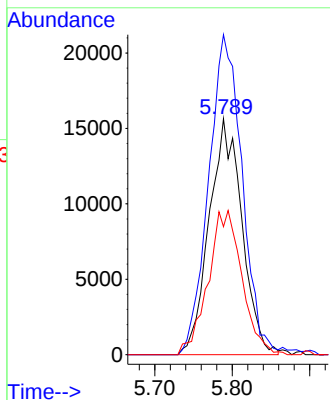
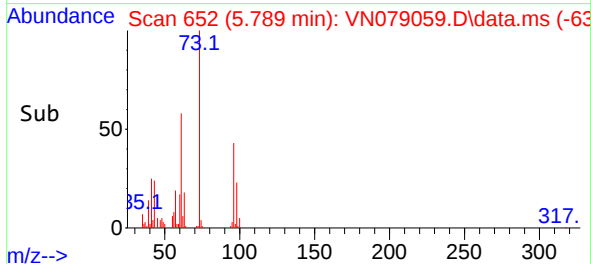
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



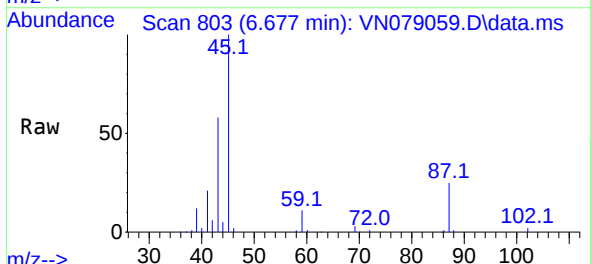
Tgt Ion: 96 Resp: 4593
Ion Ratio Lower Upper
96 100
61 135.6 114.0 171.0
98 54.2 50.6 76.0

Manual Integrations
APPROVED

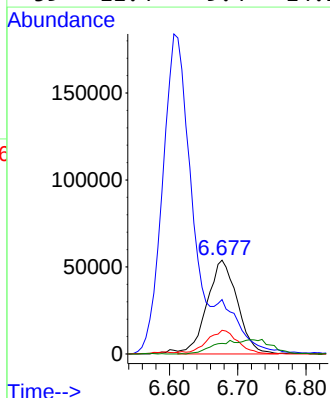
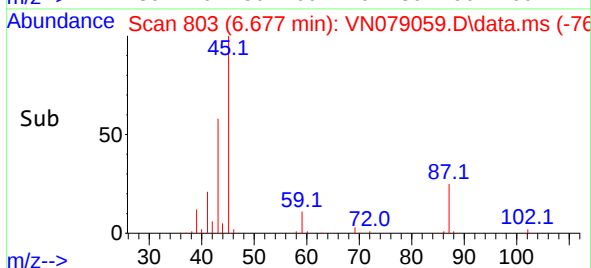
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

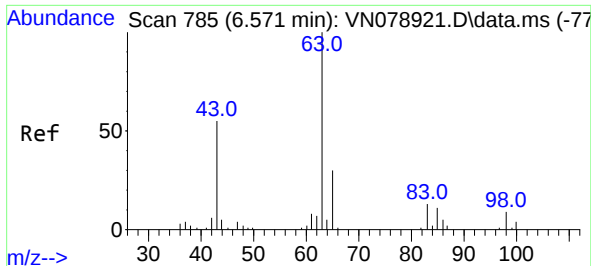


#20
Diisopropyl ether
Concen: 20.410 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46



Tgt Ion: 45 Resp: 165941
Ion Ratio Lower Upper
45 100
43 53.8 37.4 56.2
87 25.0 17.3 25.9
59 11.4 9.4 14.2





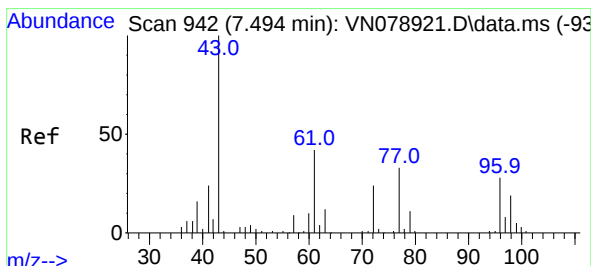
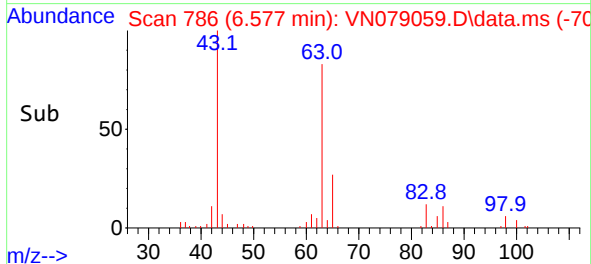
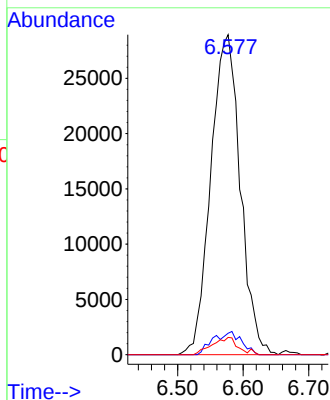
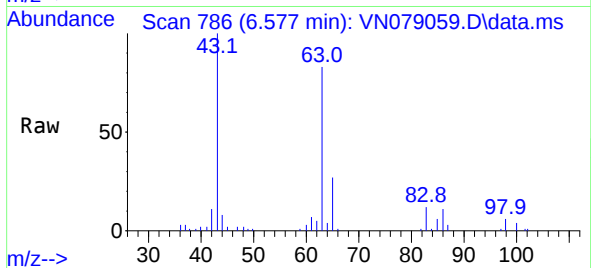
#21
1,1-Dichloroethane
Concen: 20.025 ug/l
RT: 6.577 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

Tgt Ion: 63 Resp: 9034
Ion Ratio Lower Upper
63 100
98 6.7 4.4 13.2
100 5.4 2.1 6.5

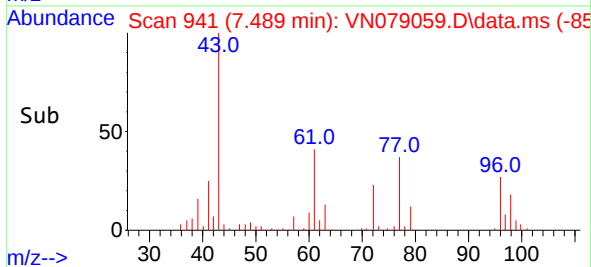
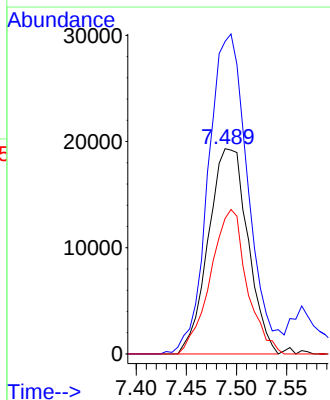
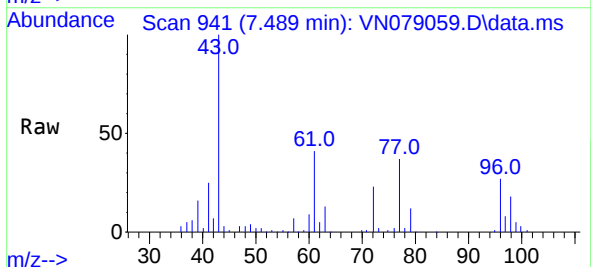
Manual Integrations
APPROVED

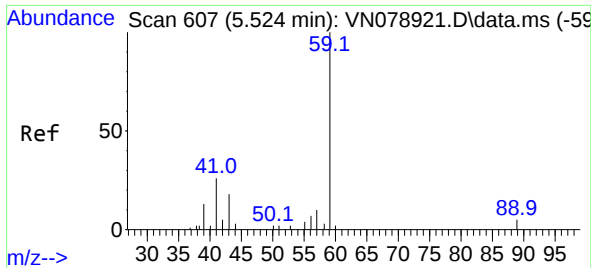
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#22
cis-1,2-Dichloroethene
Concen: 20.150 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

Tgt Ion: 96 Resp: 52928
Ion Ratio Lower Upper
96 100
61 157.2 121.8 182.6
98 65.0 50.7 76.1





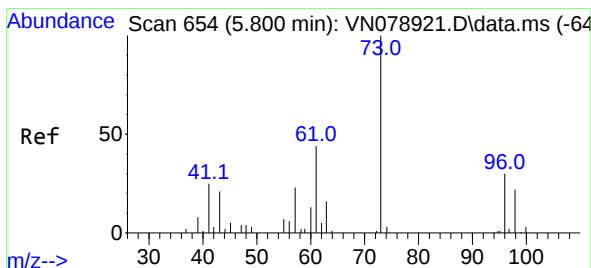
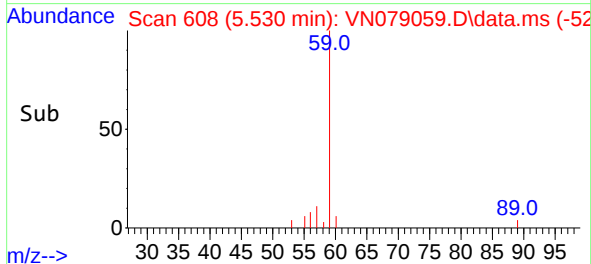
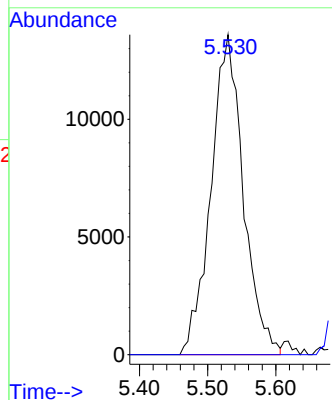
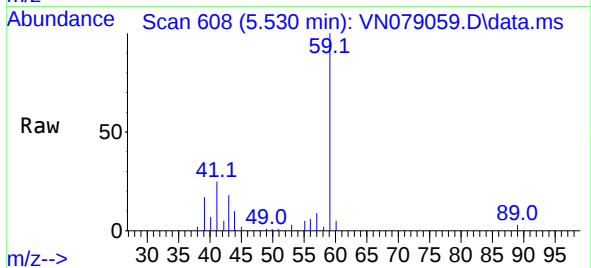
#23
tert-Butyl Alcohol
Concen: 95.689 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

Tgt Ion: 59 Resp: 4484
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

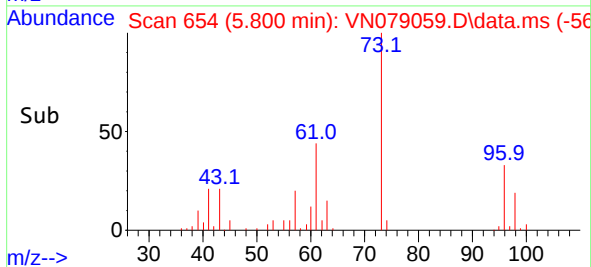
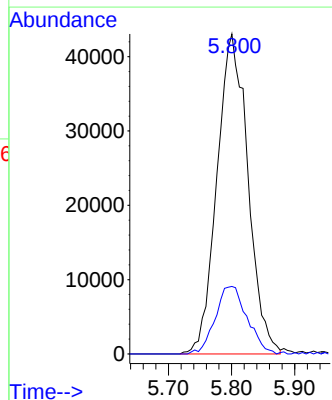
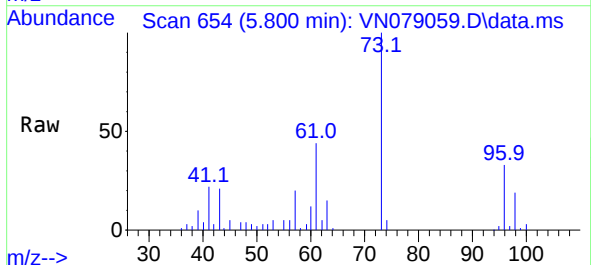
Manual Integrations
APPROVED

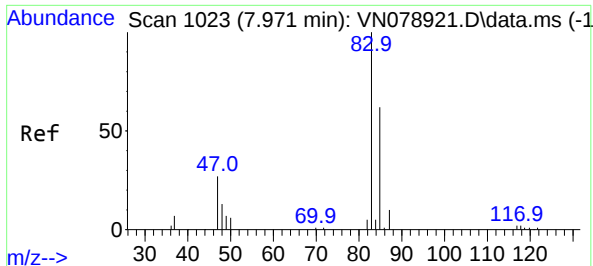
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#24
Methyl tert-Butyl Ether
Concen: 20.243 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

Tgt Ion: 73 Resp: 146529
Ion Ratio Lower Upper
73 100
43 21.4 17.3 25.9





#25

Chloroform

Concen: 19.716 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079059.D

Acq: 28 Aug 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD01

Tgt Ion: 83 Resp: 89600

Ion Ratio Lower Upper

83 100

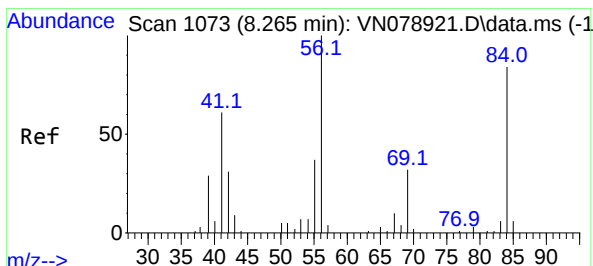
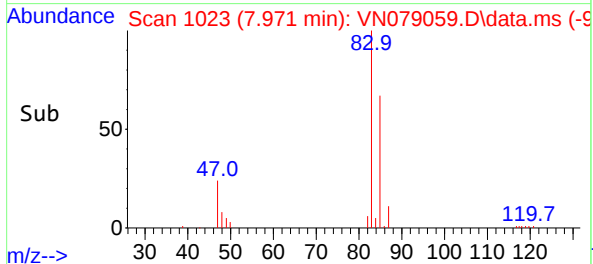
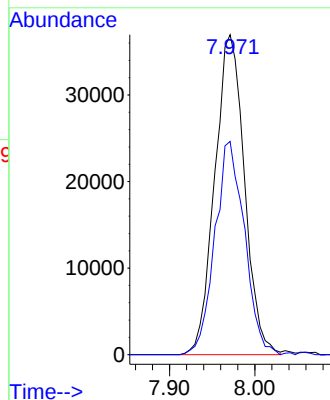
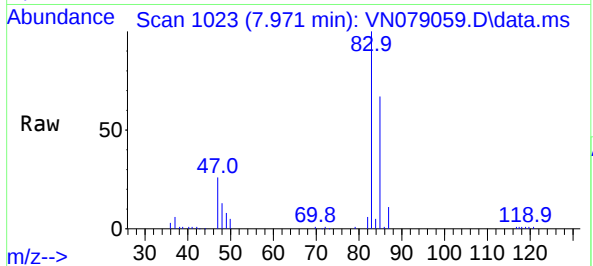
85 66.7 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2023

Supervised By :Semsettin Yesilyurt 08/29/2023



#26

Cyclohexane

Concen: 20.575 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN079059.D

Acq: 28 Aug 2023 11:46

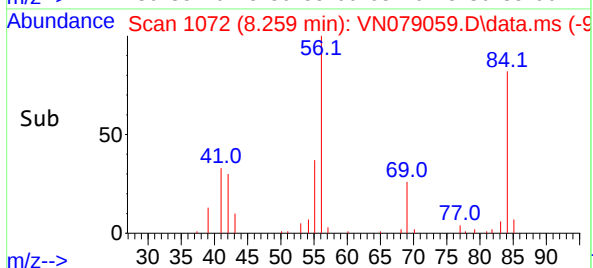
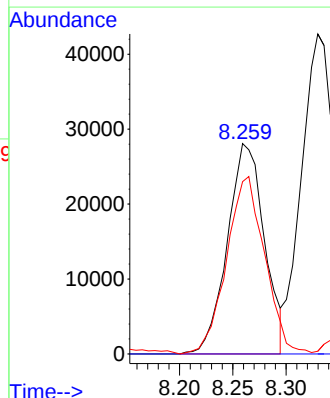
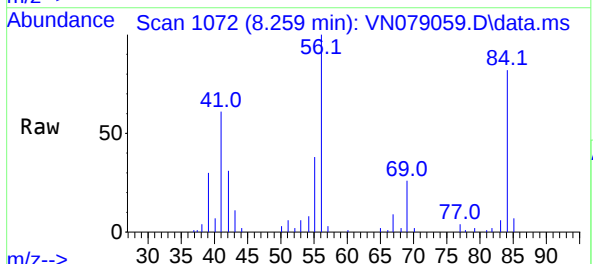
Tgt Ion: 56 Resp: 67899

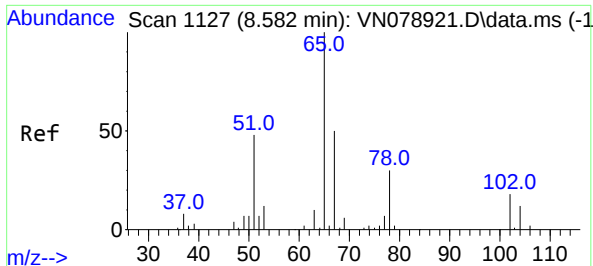
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.0 70.1 105.1





#27
1,2-Dichloroethane-d4
Concen: 29.233 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

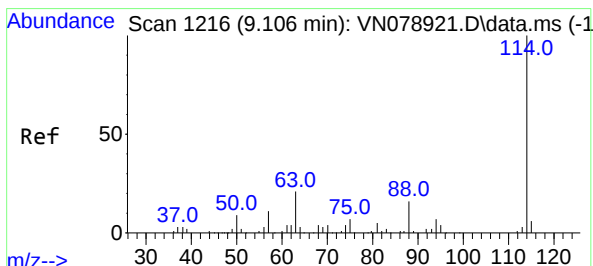
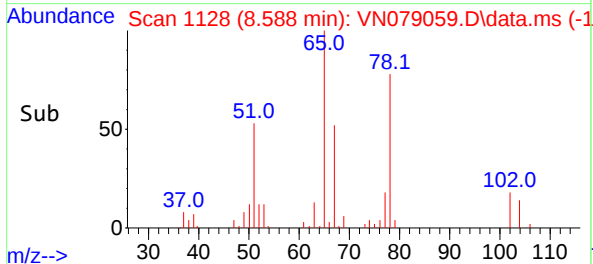
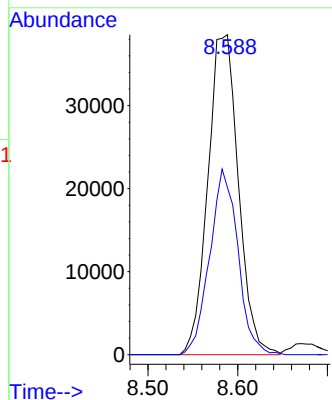
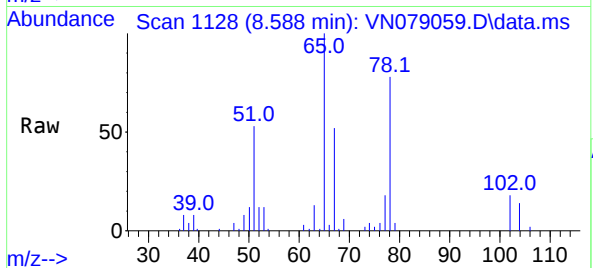
VN0828WBSD01

Tgt Ion: 65 Resp: 9117
Ion Ratio Lower Upper
65 100
67 53.4 40.7 61.1

Manual Integrations

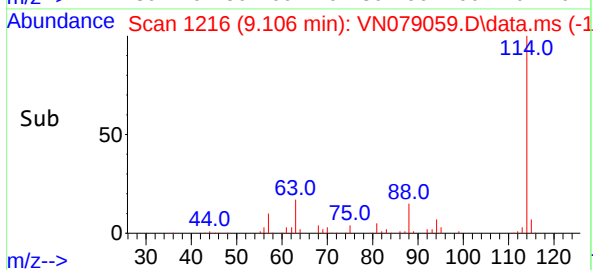
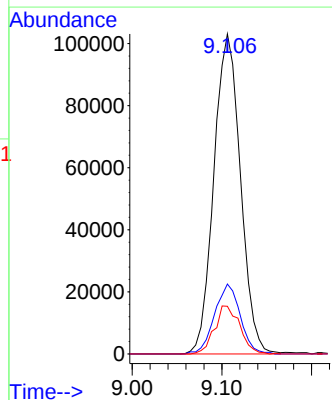
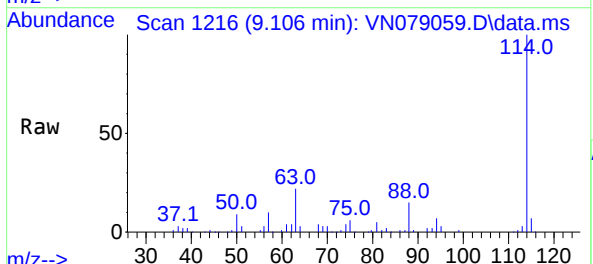
APPROVED

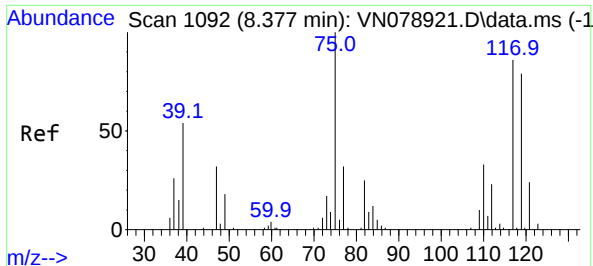
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

Tgt Ion:114 Resp: 212209
Ion Ratio Lower Upper
114 100
63 21.1 17.4 26.2
88 14.3 12.0 18.0





#29
1,1-Dichloropropene
Concen: 20.293 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD01

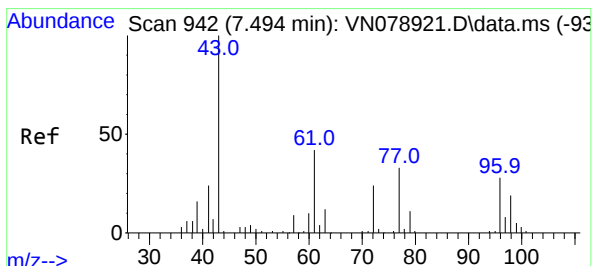
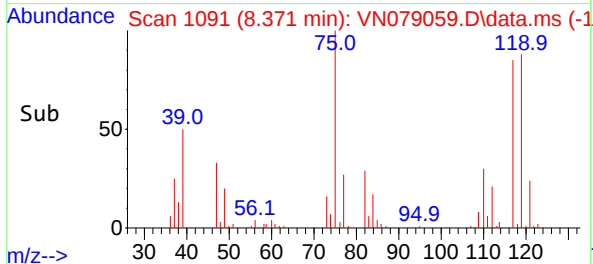
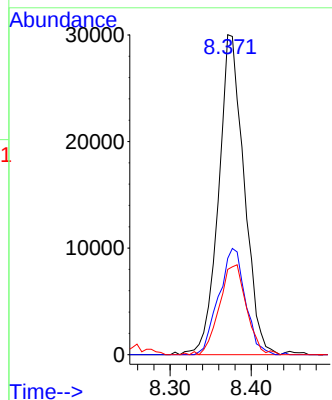
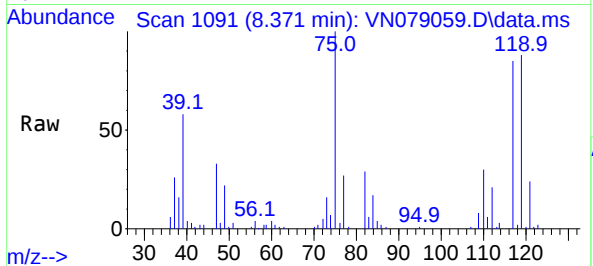
Tgt Ion: 75 Resp: 65510
Ion Ratio Lower Upper
75 100
110 34.6 0.0 65.8
77 29.4 0.0 60.4

Manual Integrations

APPROVED

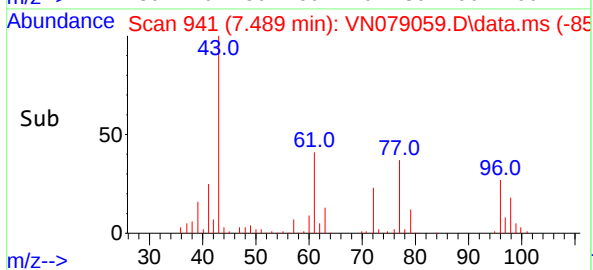
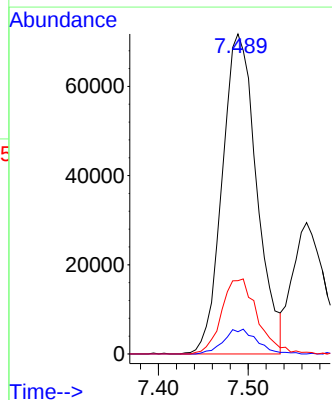
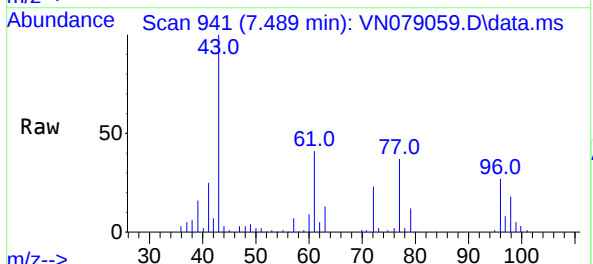
Reviewed By :John Carlone 08/29/2023

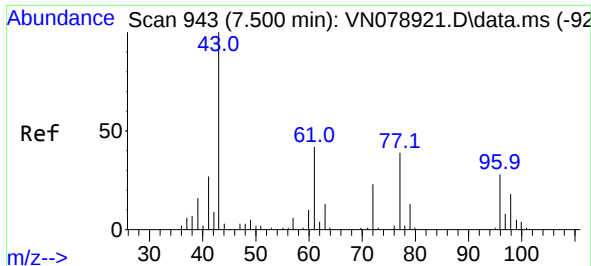
Supervised By :Semsettin Yesilyurt 08/29/2023



#30
2-Butanone
Concen: 101.432 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

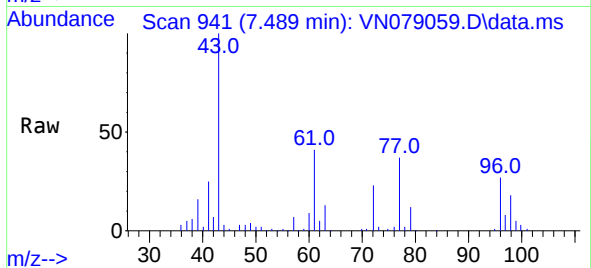
Tgt Ion: 43 Resp: 191686
Ion Ratio Lower Upper
43 100
57 7.5 6.2 9.4
72 24.0 19.4 29.2





#31
2,2-Dichloropropane
Concen: 20.812 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.011 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

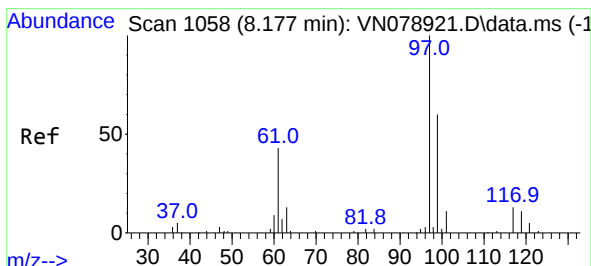
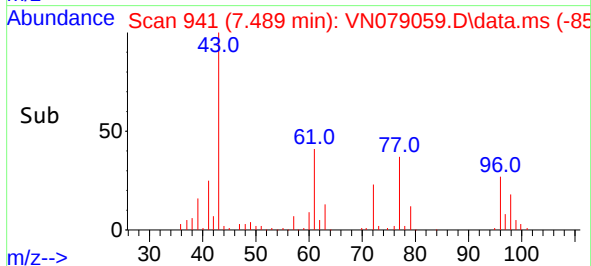
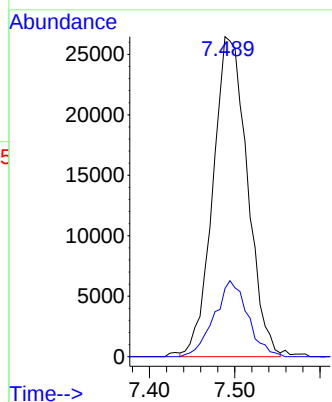
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



Tgt Ion: 77 Resp: 7425
Ion Ratio Lower Upper
77 100
97 23.2 17.6 26.4

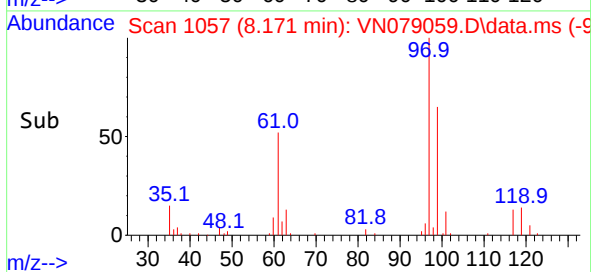
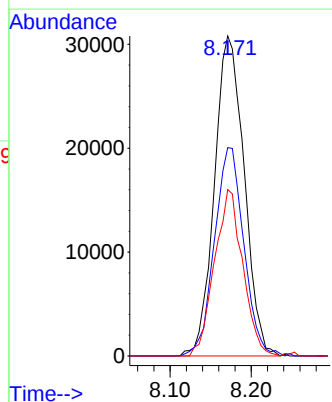
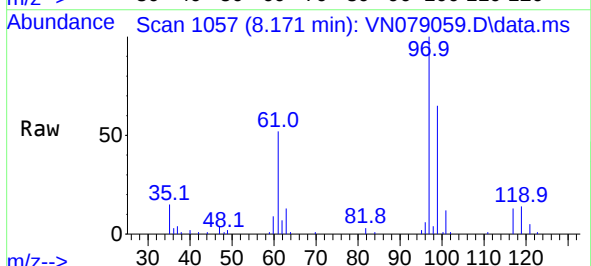
Manual Integrations
APPROVED

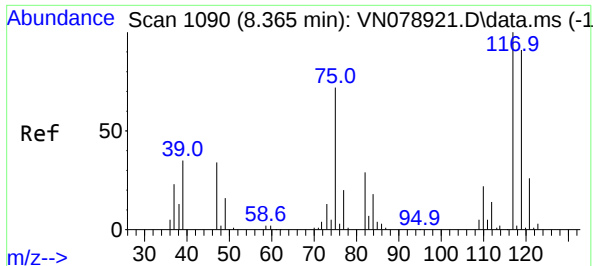
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#32
1,1,1-Trichloroethane
Concen: 20.360 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

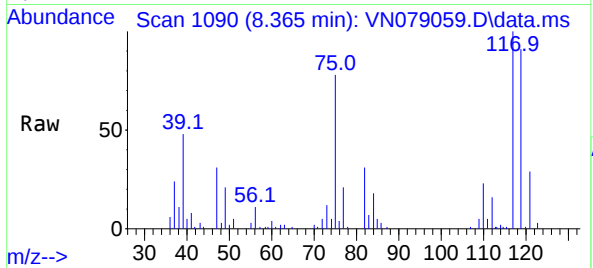
Tgt Ion: 97 Resp: 78470
Ion Ratio Lower Upper
97 100
99 63.9 52.0 78.0
61 49.3 37.0 55.6





#33
Carbon Tetrachloride
Concen: 20.614 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

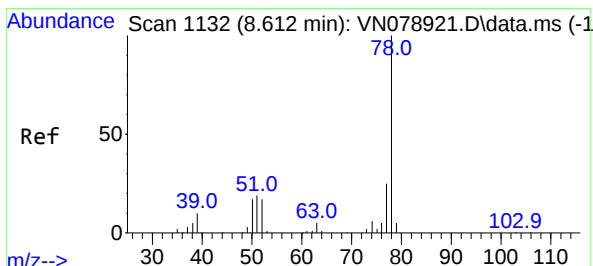
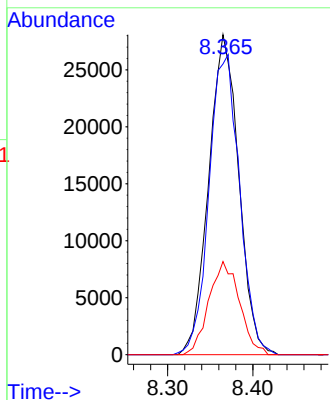
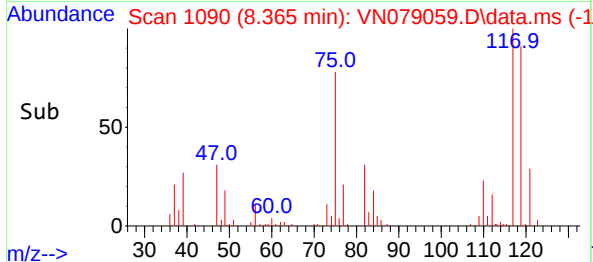
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



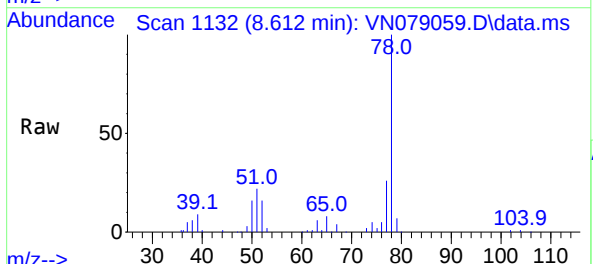
Tgt Ion:117 Resp: 68818
Ion Ratio Lower Upper
117 100
119 90.9 72.6 108.8
121 29.1 20.7 31.1

Manual Integrations
APPROVED

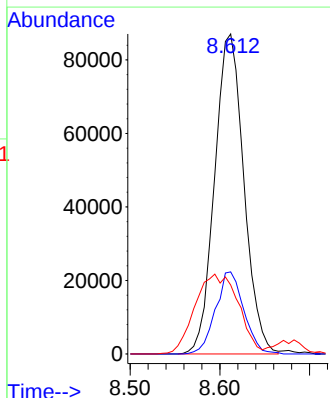
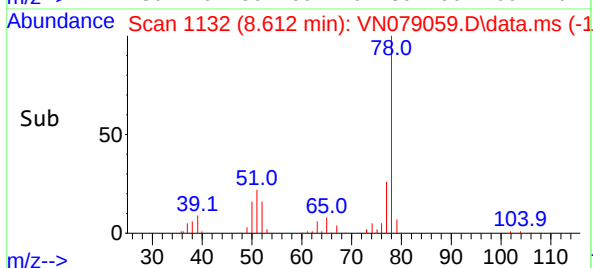
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

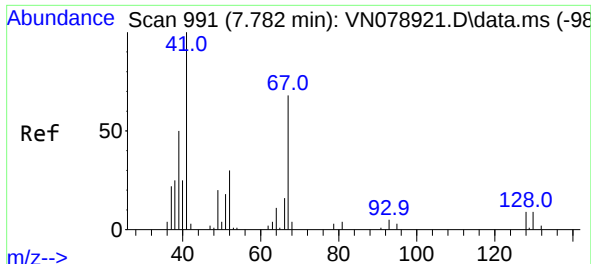


#34
Benzene
Concen: 20.389 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46



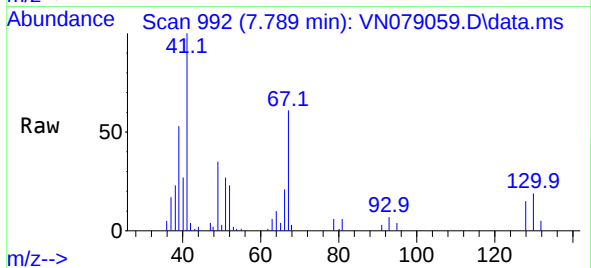
Tgt Ion: 78 Resp: 197244
Ion Ratio Lower Upper
78 100
77 25.7 19.9 29.9
51 19.0 14.8 22.2





#35
Methacrylonitrile
Concen: 20.183 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

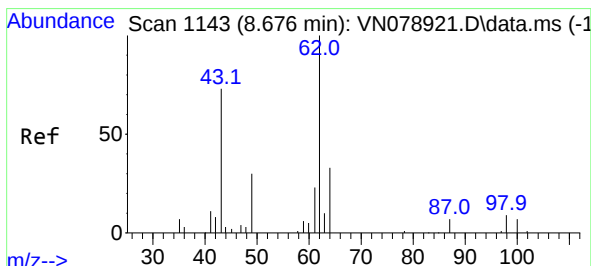
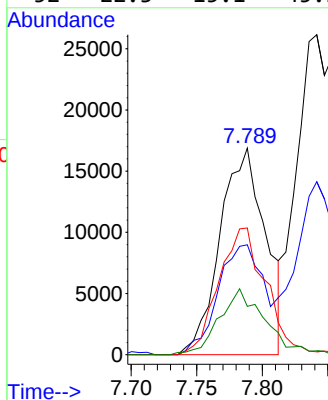
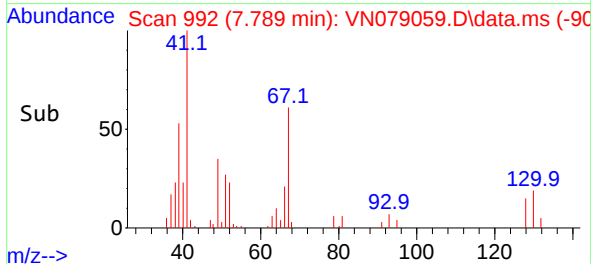
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



Tgt Ion: 41 Resp: 4065
Ion Ratio Lower Upper
41 100
39 53.2 25.0 75.0
67 61.4 34.0 102.0
52 22.3 15.1 45.3

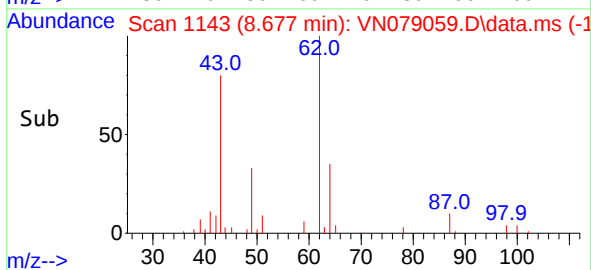
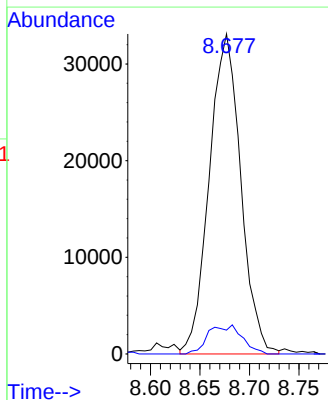
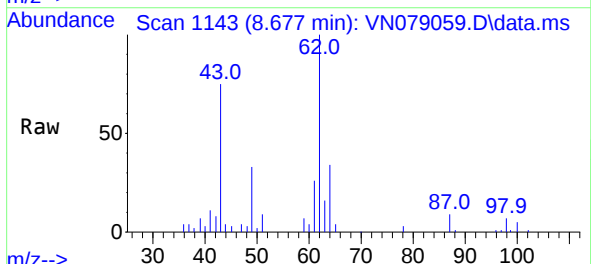
Manual Integrations
APPROVED

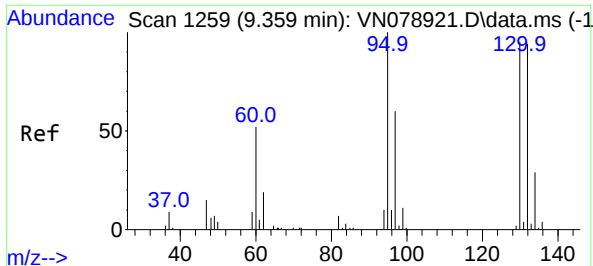
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#36
1,2-Dichloroethane
Concen: 20.198 ug/l m
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

Tgt Ion: 62 Resp: 73172
Ion Ratio Lower Upper
62 100
98 0.1 8.1 12.1#





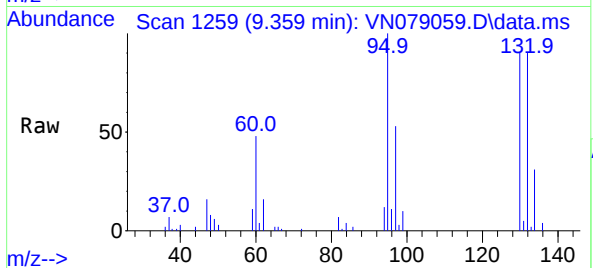
#37
Trichloroethene
Concen: 19.323 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD01

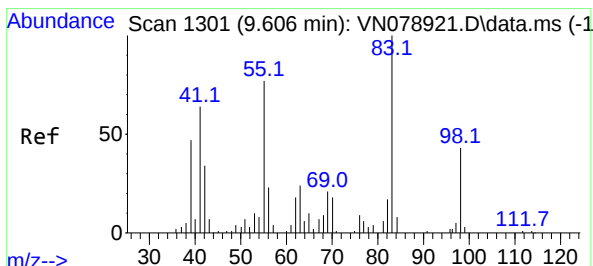
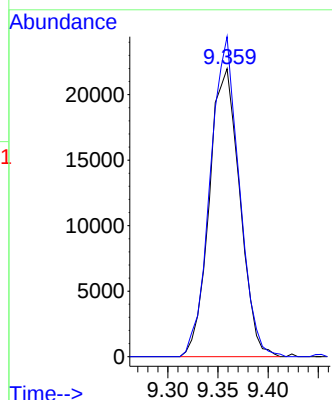


Tgt Ion:130 Resp: 46530
Ion Ratio Lower Upper
130 100
95 111.1 84.6 127.0

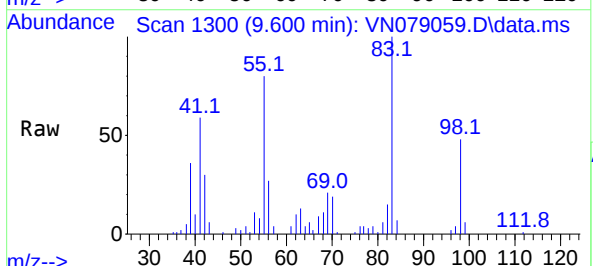
Manual Integrations

APPROVED

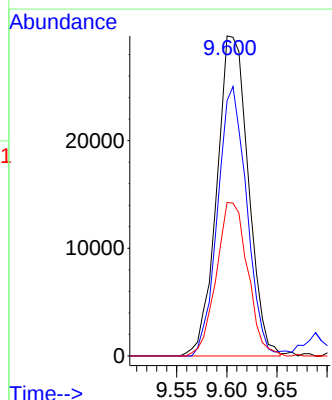
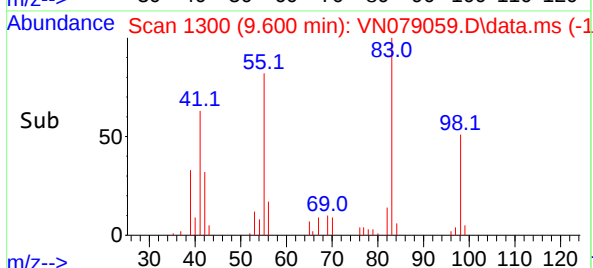
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

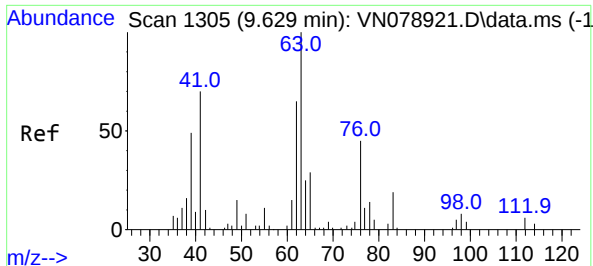


#38
Methylcyclohexane
Concen: 22.811 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46



Tgt Ion: 83 Resp: 64831
Ion Ratio Lower Upper
83 100
55 77.5 40.2 120.6
98 47.7 24.1 72.3





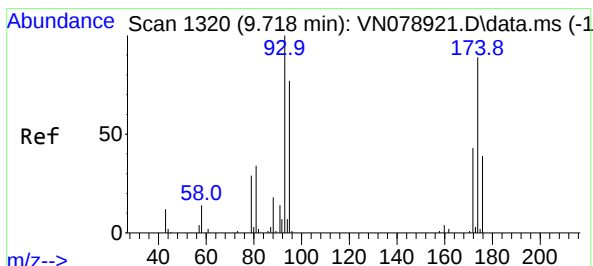
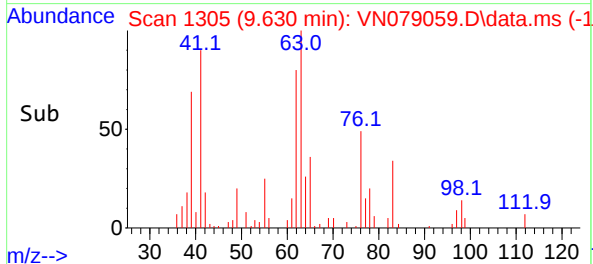
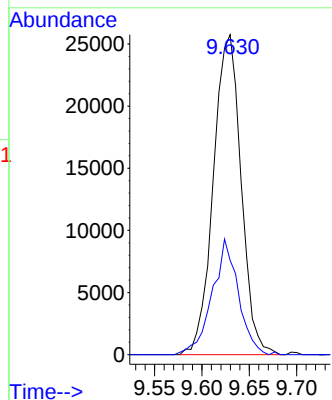
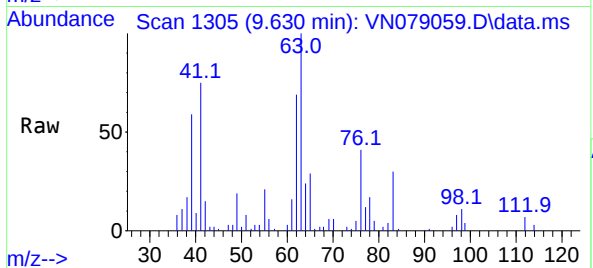
#39
1,2-Dichloropropane
Concen: 20.131 ug/l
RT: 9.630 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

Tgt Ion: 63 Resp: 52450
Ion Ratio Lower Upper
63 100
65 29.5 23.5 35.3

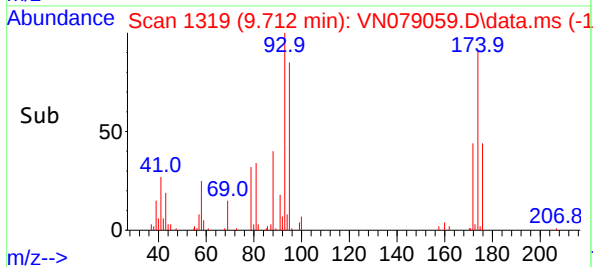
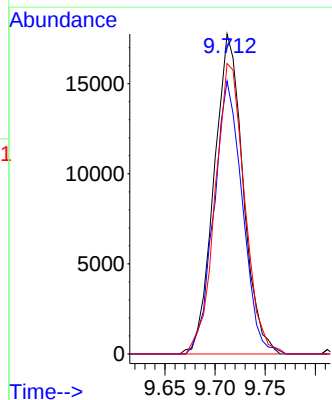
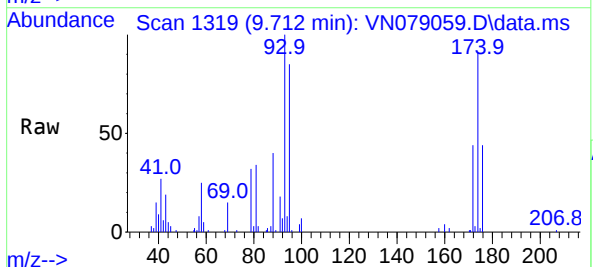
Manual Integrations
APPROVED

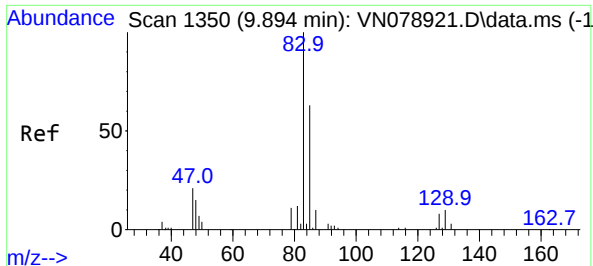
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#40
Dibromomethane
Concen: 20.458 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

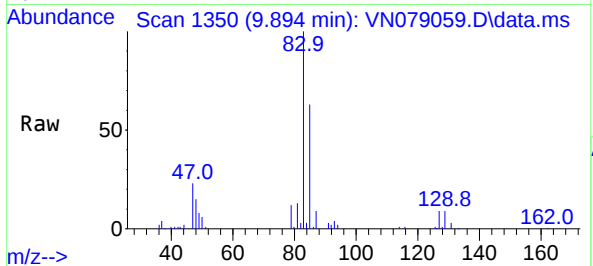
Tgt Ion: 93 Resp: 35733
Ion Ratio Lower Upper
93 100
95 83.8 0.0 162.0
174 92.0 0.0 188.6





#41
Bromodichloromethane
Concen: 20.444 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

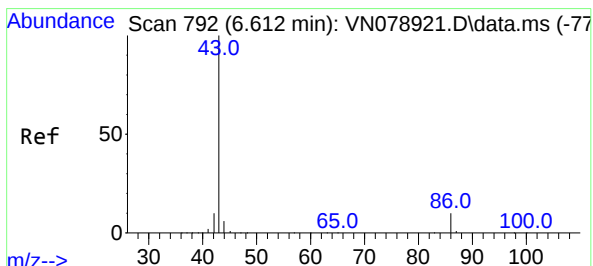
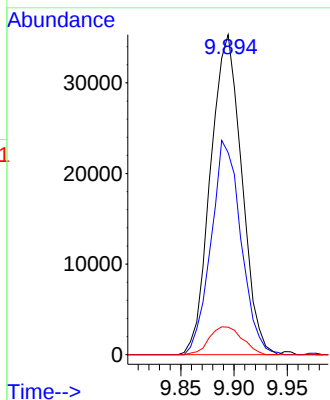
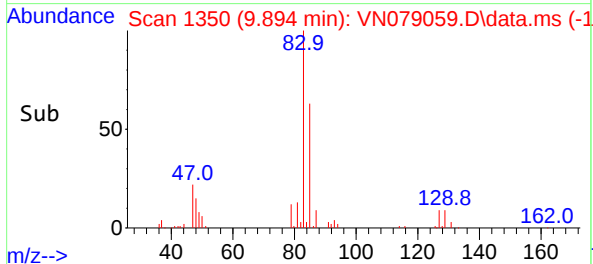
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



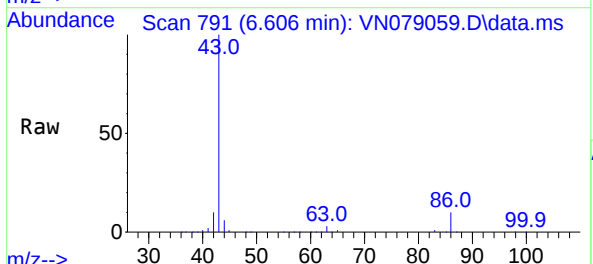
Tgt Ion: 83 Resp: 7181
Ion Ratio Lower Upper
83 100
85 63.2 50.2 75.2
127 8.6 6.2 9.4

Manual Integrations
APPROVED

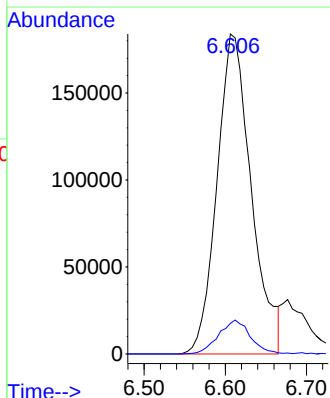
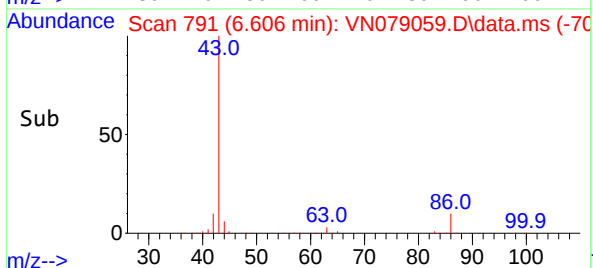
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

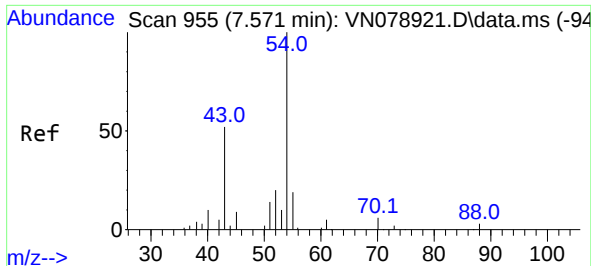


#42
Vinyl Acetate
Concen: 101.393 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46



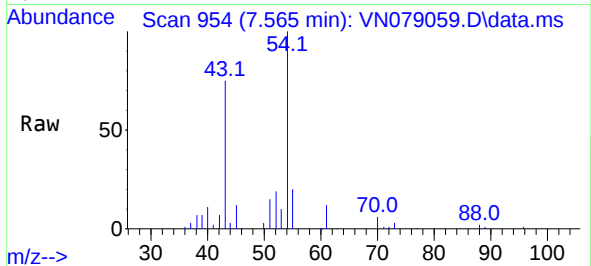
Tgt Ion: 43 Resp: 540240
Ion Ratio Lower Upper
43 100
86 9.8 7.4 11.0





#43
Ethyl Acetate
Concen: 19.454 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

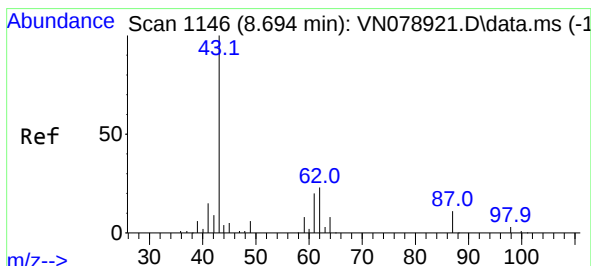
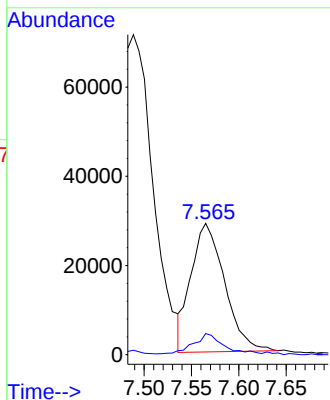
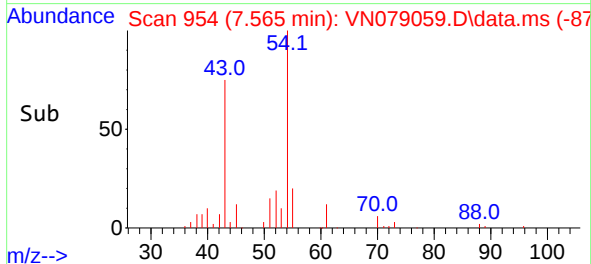
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



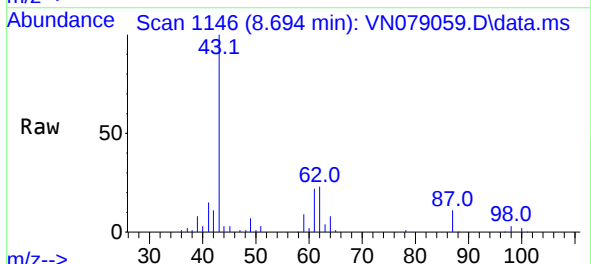
Tgt Ion: 43 Resp: 7132
Ion Ratio Lower Upper
43 100
45 14.3 9.6 14.4

Manual Integrations
APPROVED

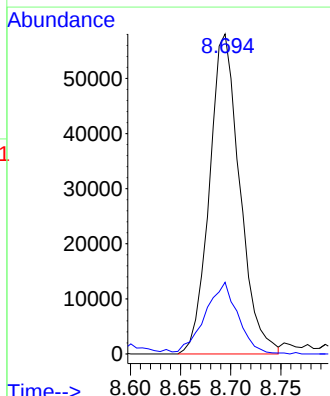
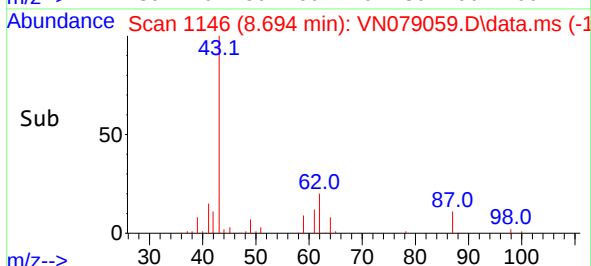
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

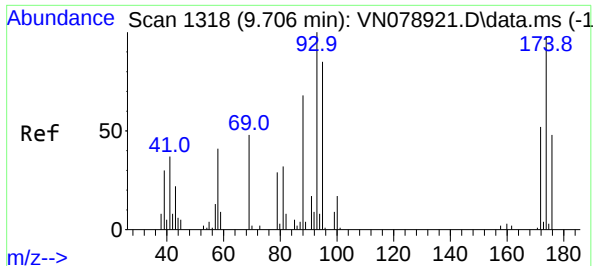


#44
Isopropyl Acetate
Concen: 18.946 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46



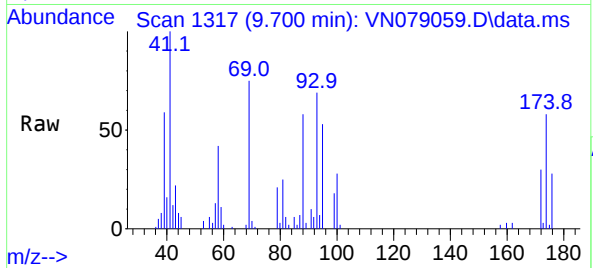
Tgt Ion: 43 Resp: 122392
Ion Ratio Lower Upper
43 100
61 24.4 19.0 28.4





#45
1,4-Dioxane
Concen: 415.095 ug/l
RT: 9.700 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

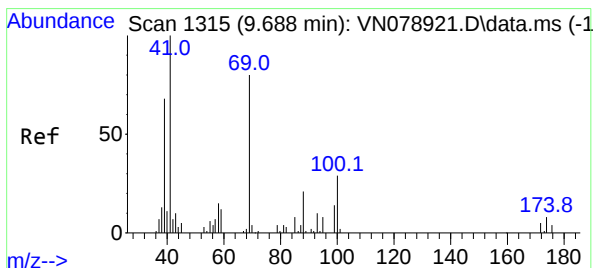
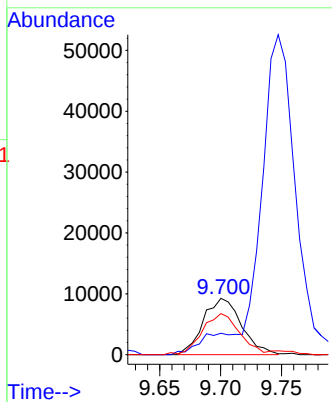
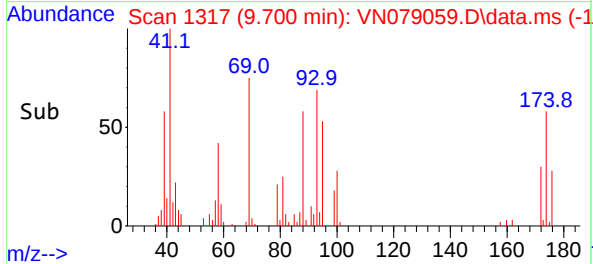
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



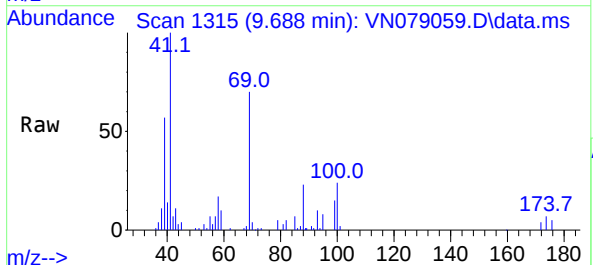
Tgt Ion: 88 Resp: 20179
Ion Ratio Lower Upper
88 100
43 18.8 28.1 42.1
58 70.1 57.0 85.4

Manual Integrations
APPROVED

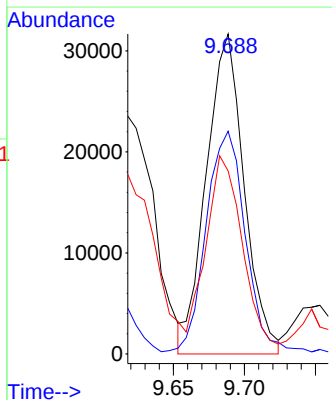
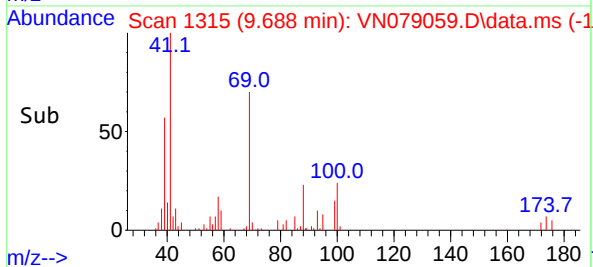
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

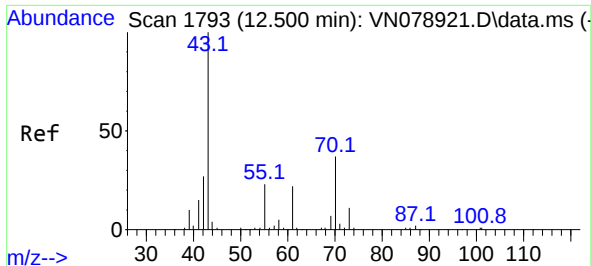


#46
Methyl methacrylate
Concen: 20.587 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46



Tgt Ion: 41 Resp: 58595
Ion Ratio Lower Upper
41 100
69 70.8 38.5 115.5
39 56.5 35.9 107.8





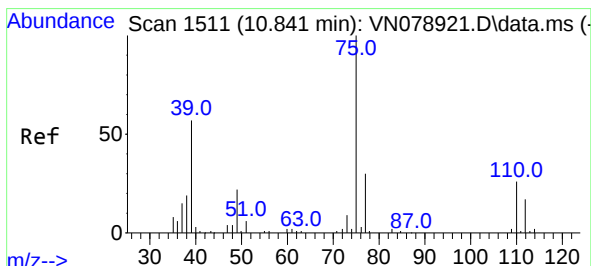
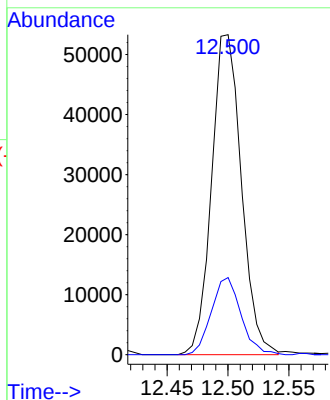
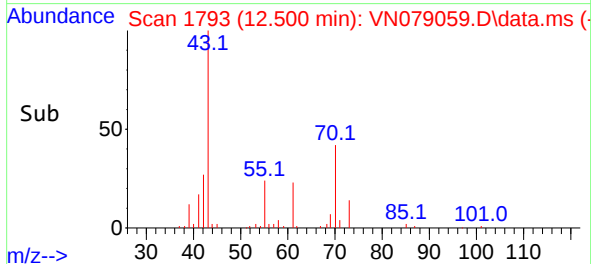
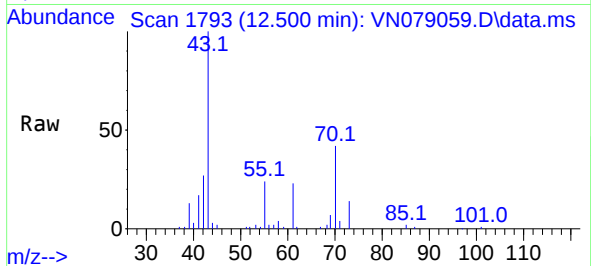
#47
n-amyl acetate
Concen: 18.325 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

Tgt Ion: 43 Resp: 90845
Ion Ratio Lower Upper
43 100
55 23.9 17.5 26.3

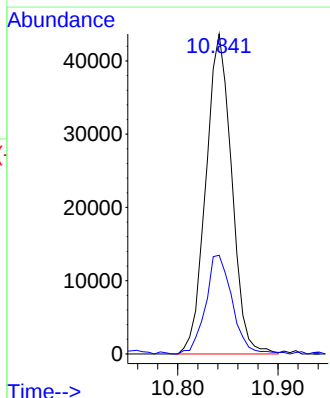
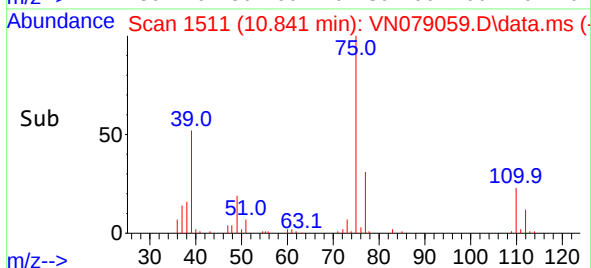
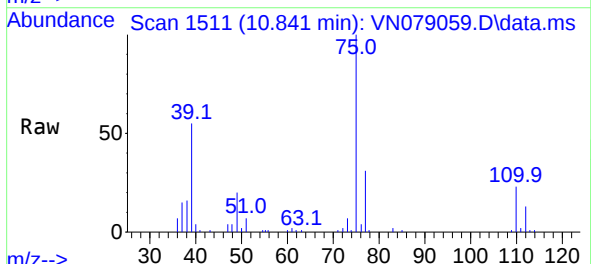
Manual Integrations
APPROVED

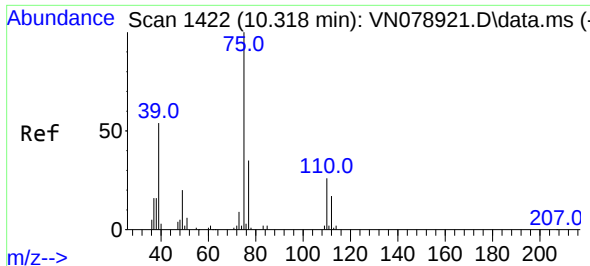
Reviewed By :John Carbone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#48
t-1,3-Dichloropropene
Concen: 20.862 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

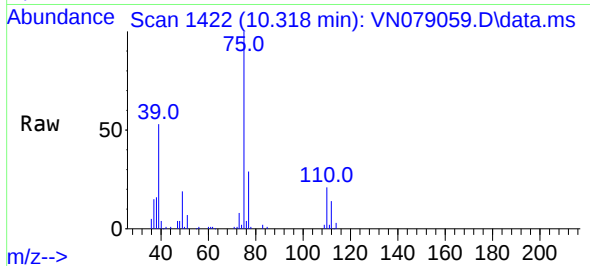
Tgt Ion: 75 Resp: 78048
Ion Ratio Lower Upper
75 100
77 30.9 23.7 35.5





#49
cis-1,3-Dichloropropene
Concen: 20.288 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

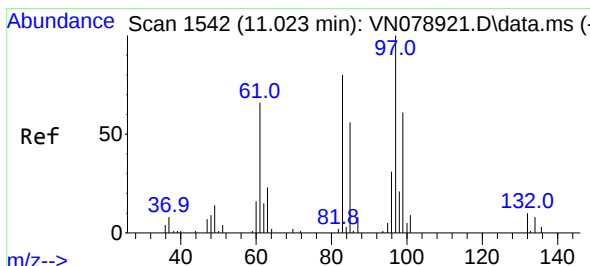
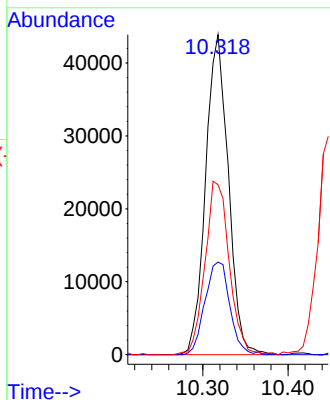
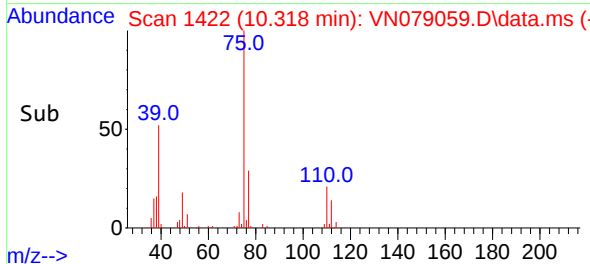
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



Tgt Ion: 75 Resp: 81380
Ion Ratio Lower Upper
75 100
77 28.9 27.8 41.8
39 53.1 43.5 65.3

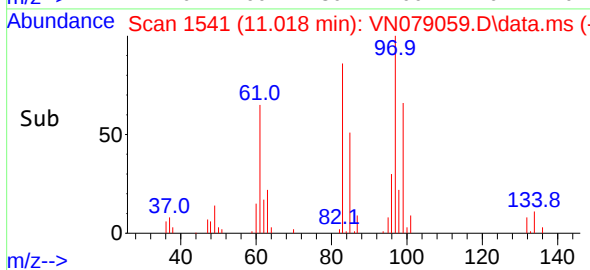
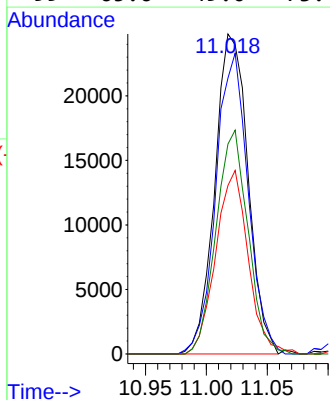
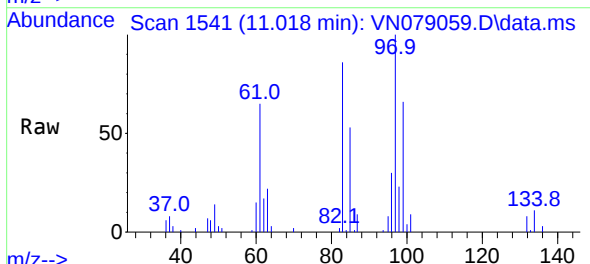
Manual Integrations
APPROVED

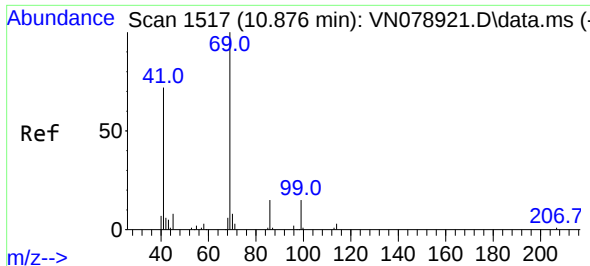
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#50
1,1,2-Trichloroethane
Concen: 19.920 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

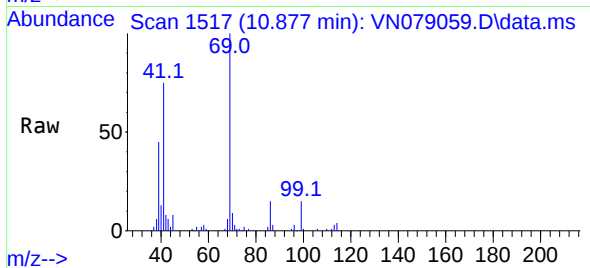
Tgt Ion: 97 Resp: 47020
Ion Ratio Lower Upper
97 100
83 86.2 63.7 95.5
85 52.7 44.9 67.3
99 65.6 49.0 73.4





#51
Ethyl methacrylate
Concen: 20.104 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

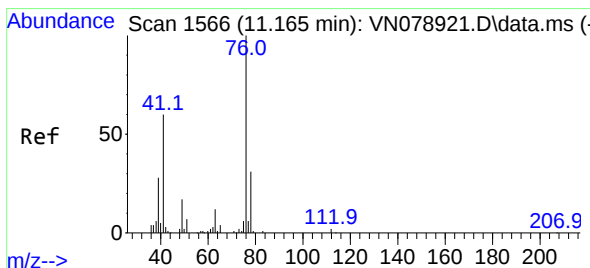
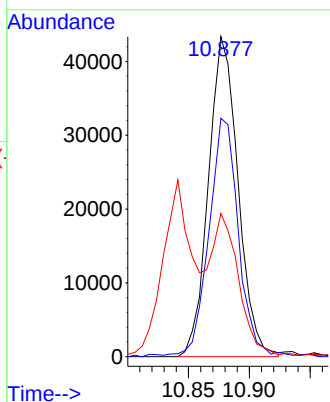
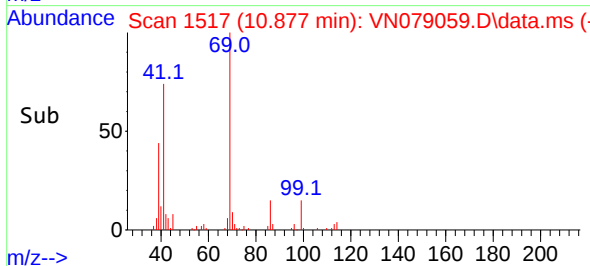
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



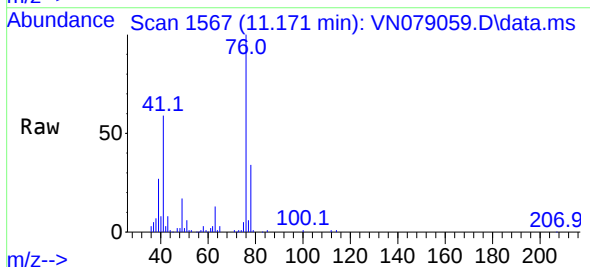
Tgt Ion: 69 Resp: 73440
Ion Ratio Lower Upper
69 100
41 73.6 35.9 107.8
39 44.2 23.5 70.5

Manual Integrations
APPROVED

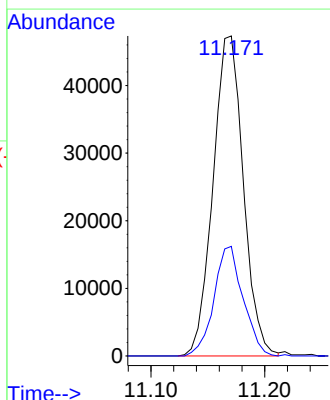
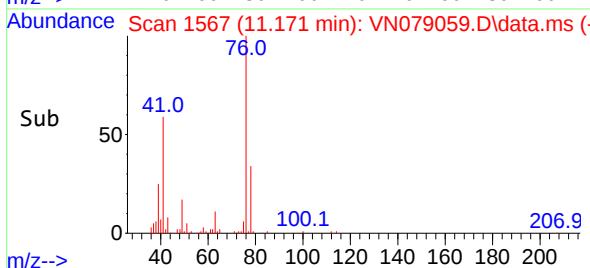
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

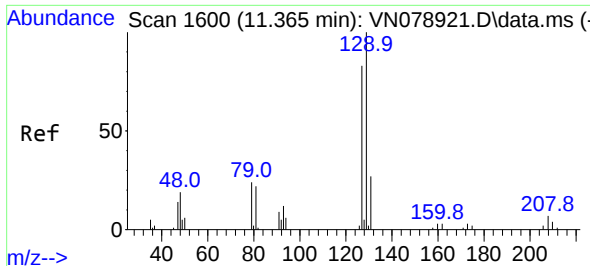


#52
1,3-Dichloropropane
Concen: 20.762 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46



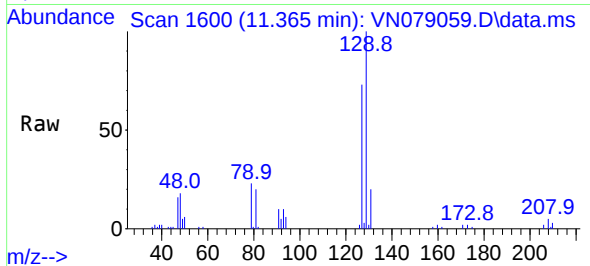
Tgt Ion: 76 Resp: 87778
Ion Ratio Lower Upper
76 100
78 32.8 0.0 64.6





#53
Dibromochloromethane
Concen: 20.618 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

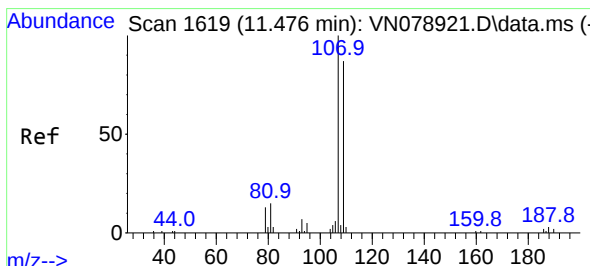
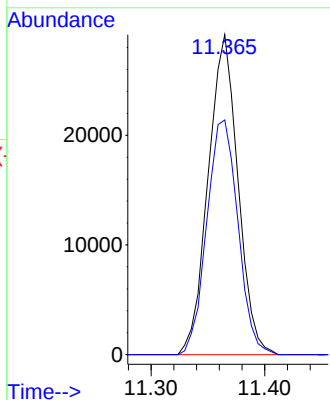
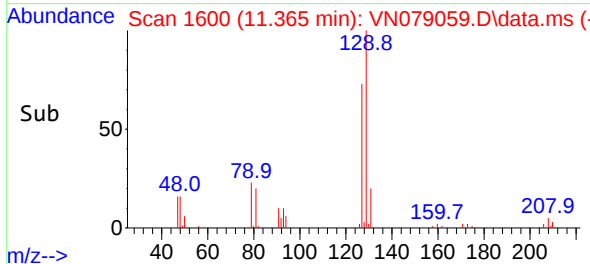
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



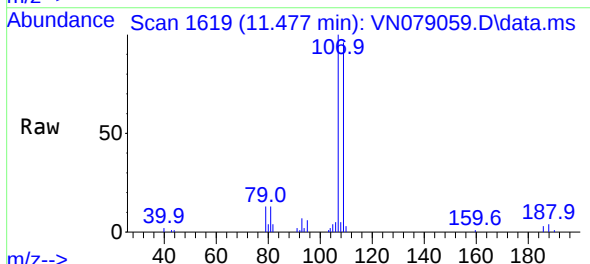
Tgt Ion:129 Resp: 53260
Ion Ratio Lower Upper
129 100
127 76.6 40.1 120.2

Manual Integrations
APPROVED

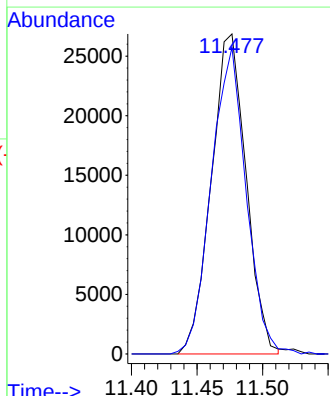
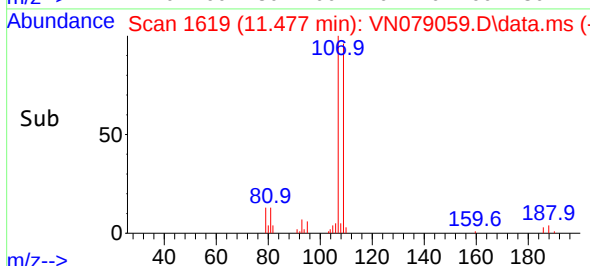
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

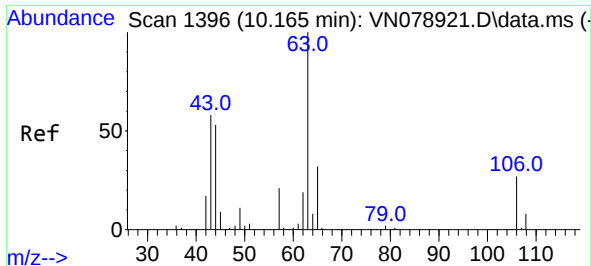


#54
1,2-Dibromoethane
Concen: 20.436 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46



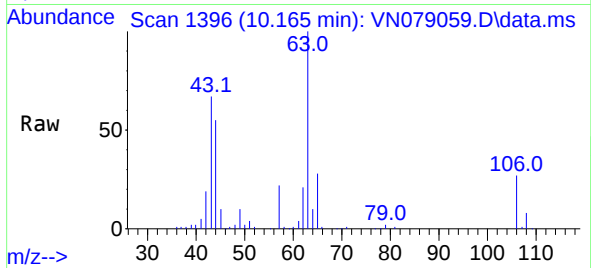
Tgt Ion:107 Resp: 49523
Ion Ratio Lower Upper
107 100
109 95.9 71.7 107.5





#55
2-Chloroethyl vinyl ether
Concen: 84.215 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

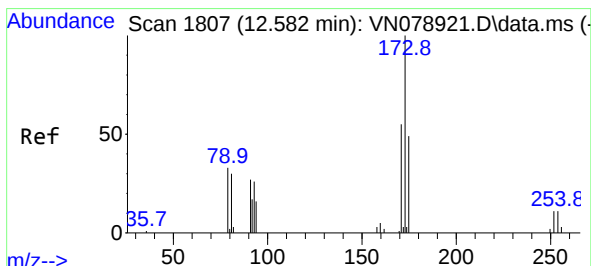
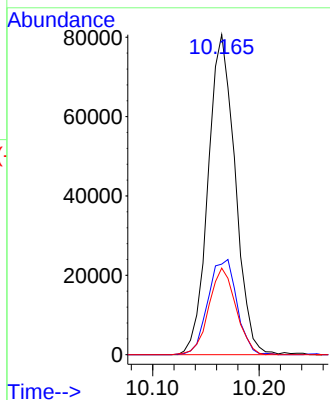
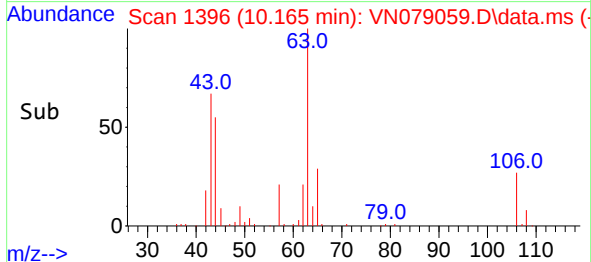
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



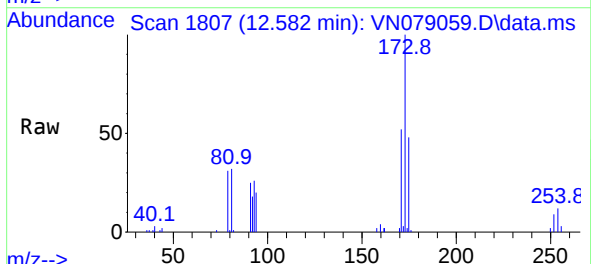
Tgt Ion: 63 Resp: 142209
Ion Ratio Lower Upper
63 100
65 31.6 25.4 38.2
106 27.1 22.3 33.5

Manual Integrations
APPROVED

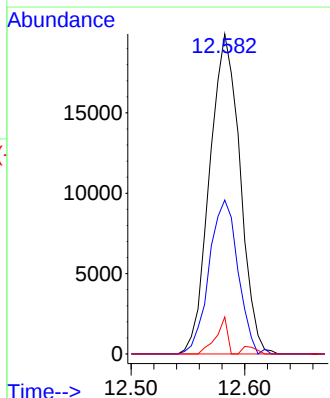
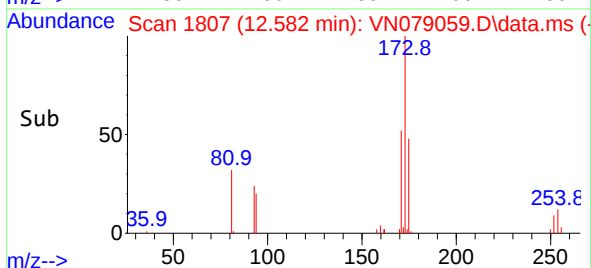
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

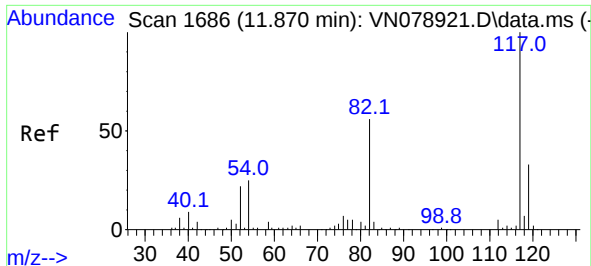


#56
Bromoform
Concen: 20.279 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46



Tgt Ion:173 Resp: 36964
Ion Ratio Lower Upper
173 100
175 45.5 38.8 58.2
254 4.4 7.6 11.4#





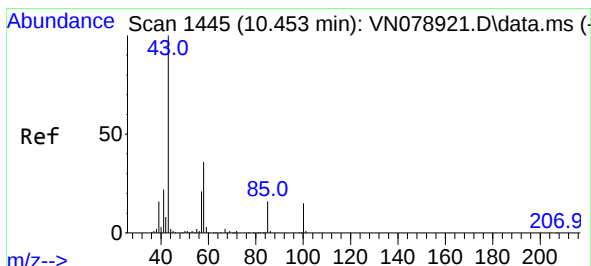
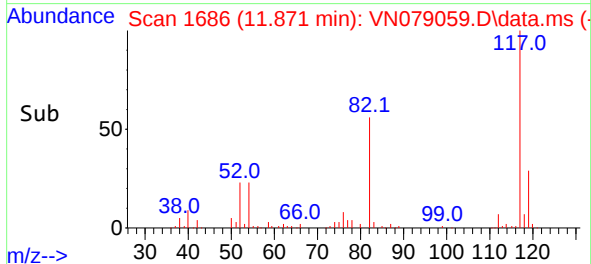
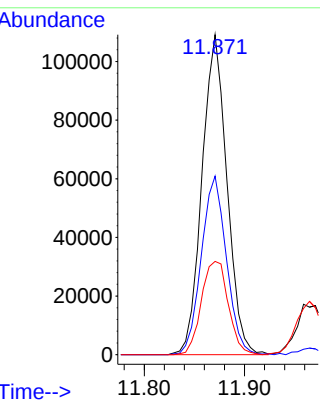
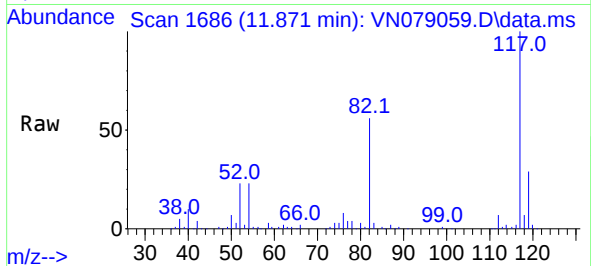
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

Tgt Ion: 117 Resp: 18894
Ion Ratio Lower Upper
117 100
82 56.0 43.4 65.0
119 31.4 25.5 38.3

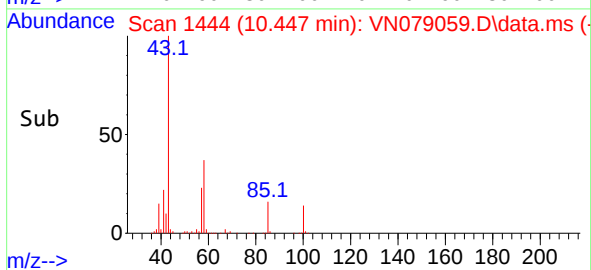
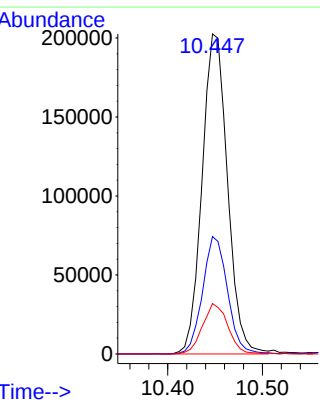
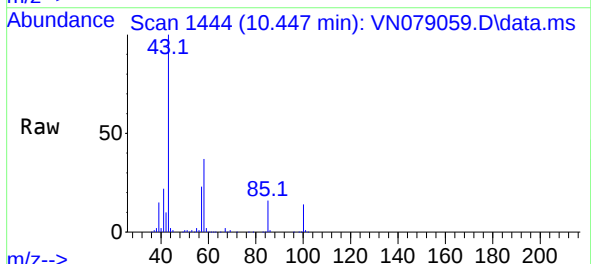
Manual Integrations
APPROVED

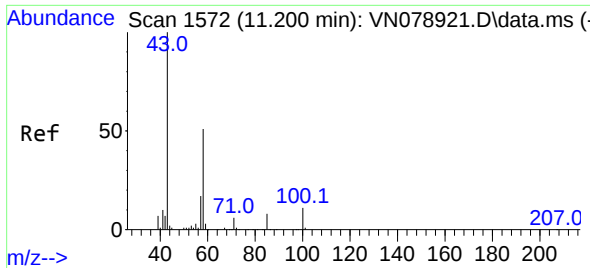
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#58
4-Methyl-2-Pentanone
Concen: 101.072 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

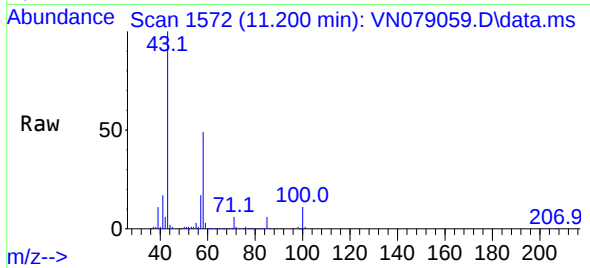
Tgt Ion: 43 Resp: 378889
Ion Ratio Lower Upper
43 100
58 35.9 28.8 43.2
85 15.7 12.7 19.1





#59
2-Hexanone
Concen: 98.930 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

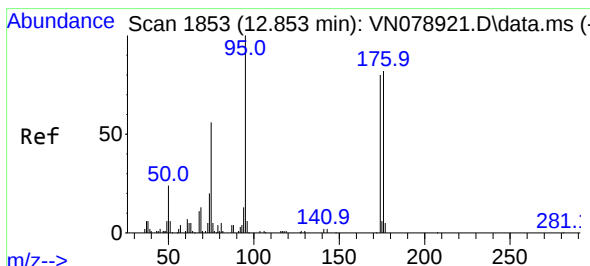
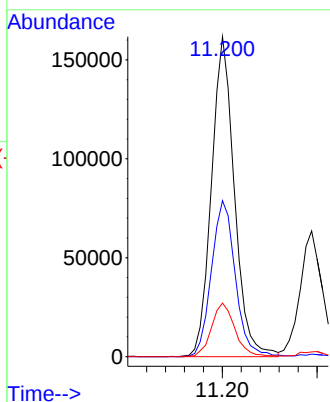
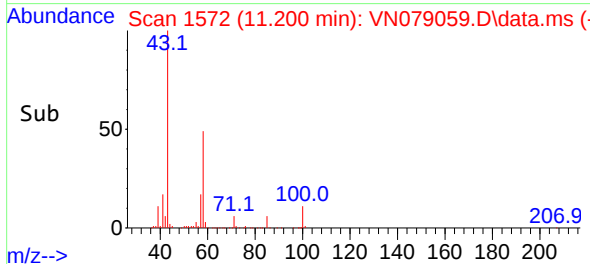
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



Tgt Ion: 43 Resp: 27172
Ion Ratio Lower Upper
43 100
58 50.8 40.6 60.8
57 17.2 13.6 20.4

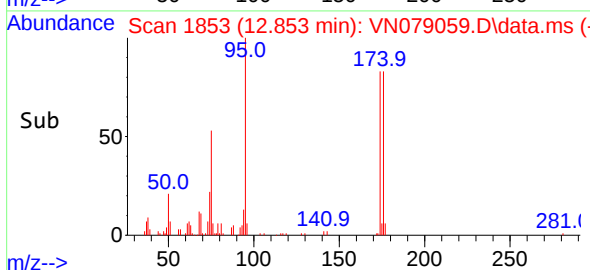
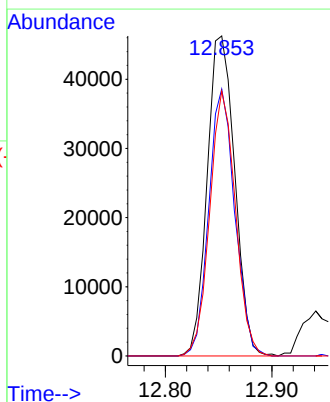
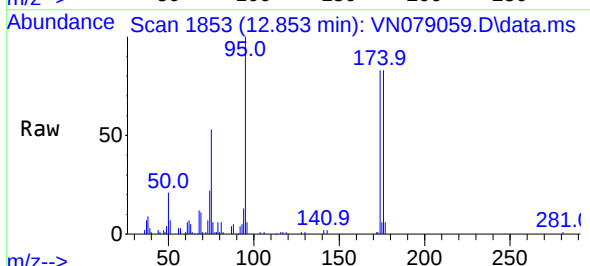
Manual Integrations
APPROVED

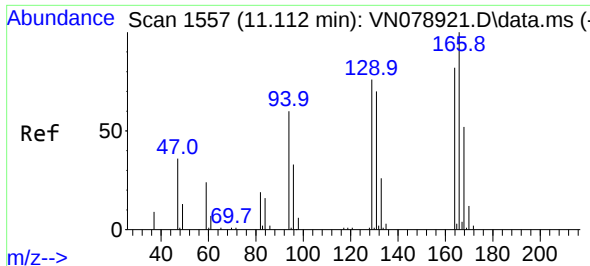
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#60
4-Bromofluorobenzene
Concen: 30.178 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

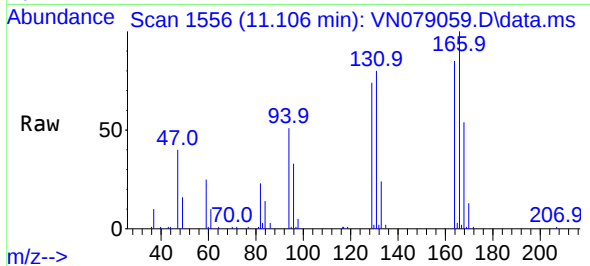
Tgt Ion: 95 Resp: 83175
Ion Ratio Lower Upper
95 100
174 79.0 64.8 97.2
176 77.0 63.0 94.6





#61
Tetrachloroethene
Concen: 22.401 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

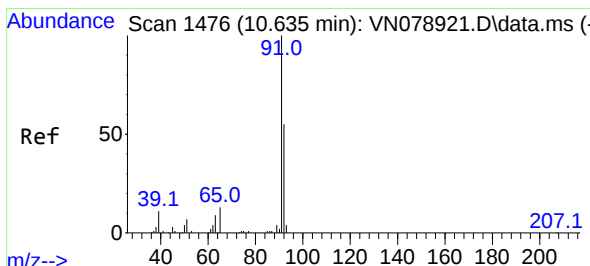
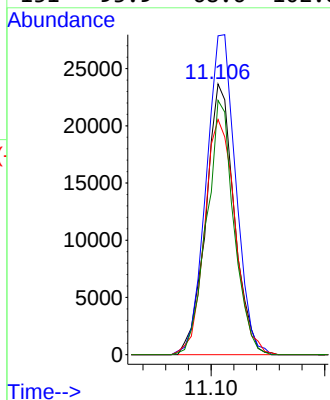
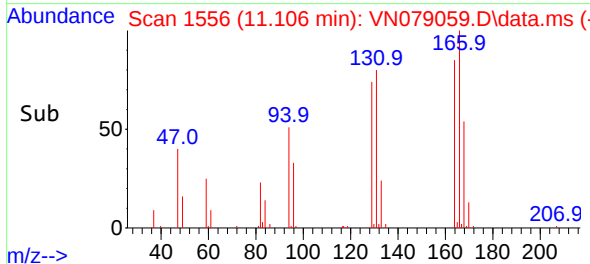
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



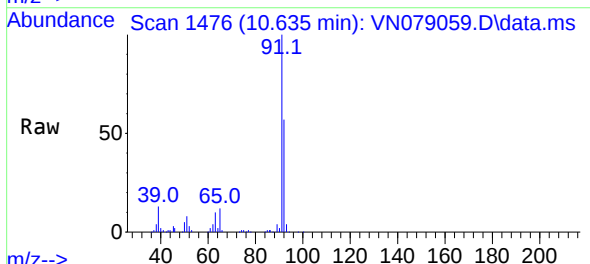
Tgt Ion:164 Resp: 4098
Ion Ratio Lower Upper
164 100
166 117.8 97.6 146.4
129 86.9 74.1 111.1
131 93.9 68.6 102.8

Manual Integrations
APPROVED

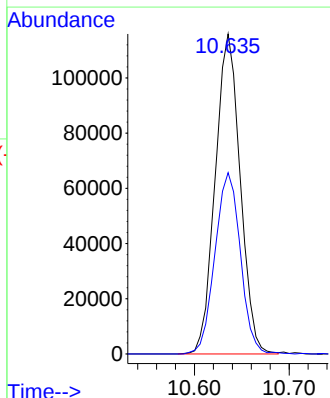
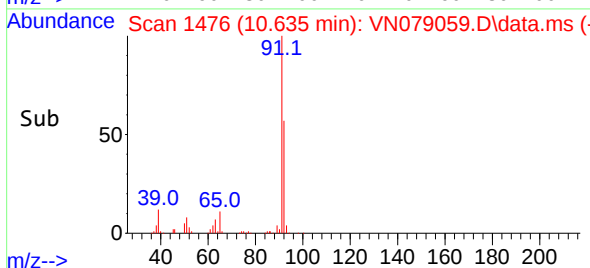
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

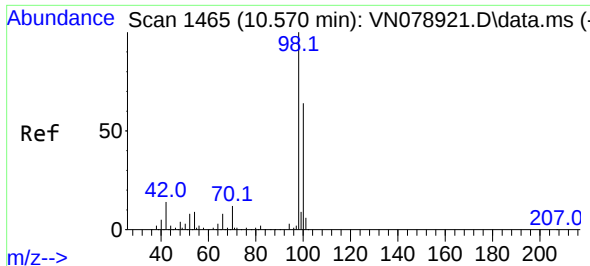


#62
Toluene
Concen: 20.595 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46



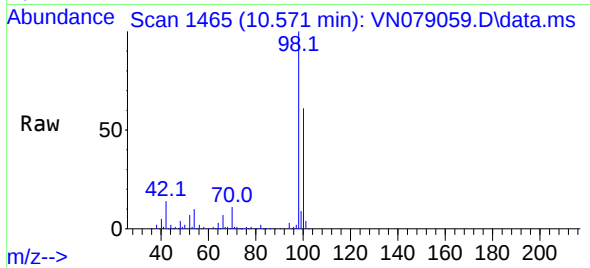
Tgt Ion: 91 Resp: 212443
Ion Ratio Lower Upper
91 100
92 57.4 44.7 67.1





#63
Toluene-d8
Concen: 30.546 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

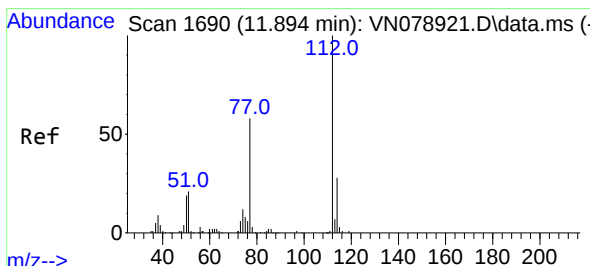
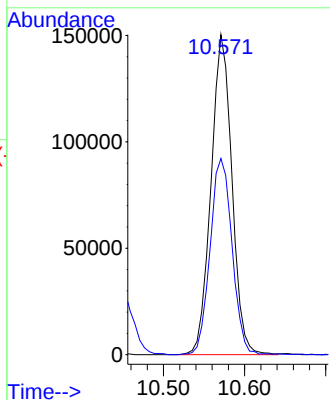
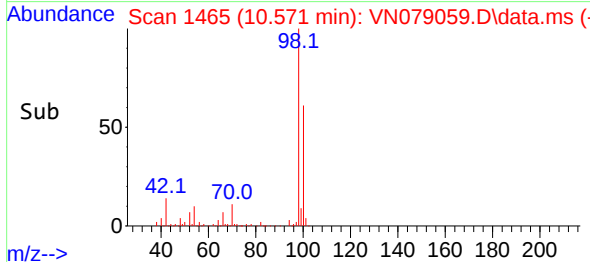
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



Tgt Ion: 98 Resp: 26952
Ion Ratio Lower Upper
98 100
100 64.0 51.1 76.7

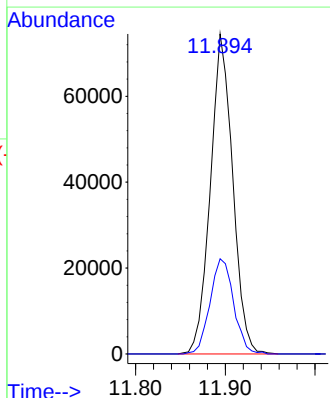
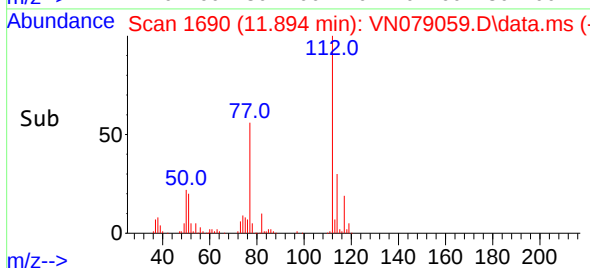
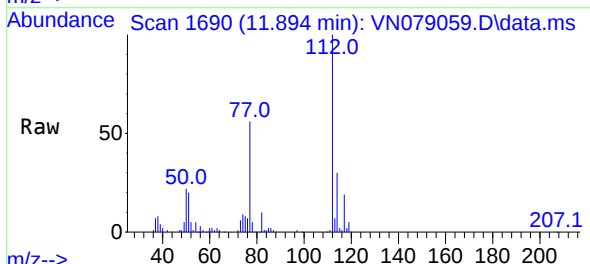
Manual Integrations
APPROVED

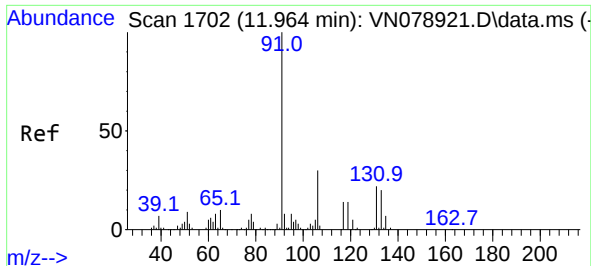
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#64
Chlorobenzene
Concen: 20.753 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

Tgt Ion:112 Resp: 128713
Ion Ratio Lower Upper
112 100
114 29.8 22.4 33.6





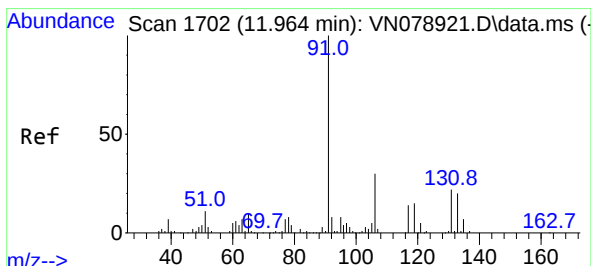
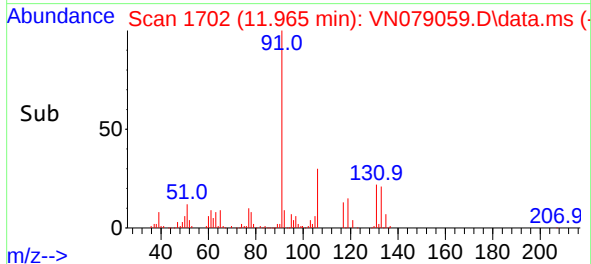
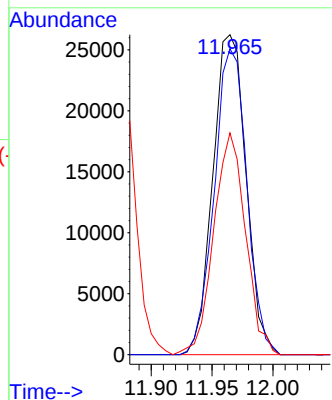
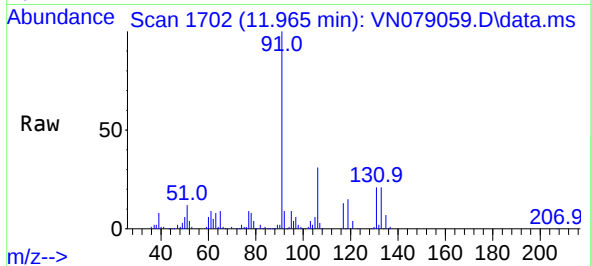
#65
1,1,1,2-Tetrachloroethane
Concen: 21.001 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

Tgt Ion:131 Resp: 49804
Ion Ratio Lower Upper
131 100
133 94.2 0.0 184.8
119 66.5 0.0 133.4

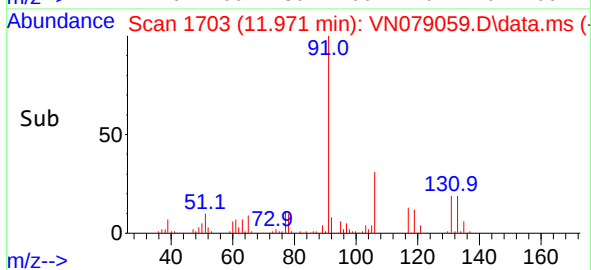
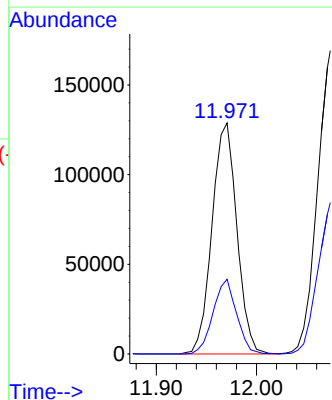
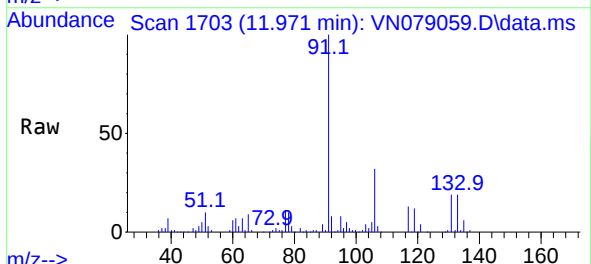
Manual Integrations
APPROVED

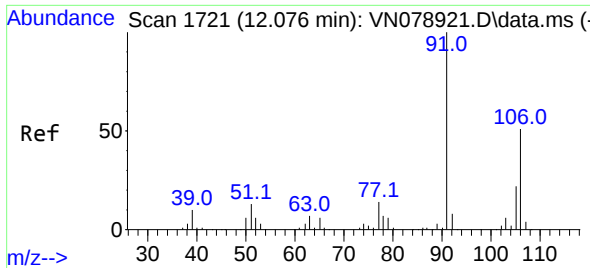
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#66
Ethyl Benzene
Concen: 20.532 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

Tgt Ion: 91 Resp: 221544
Ion Ratio Lower Upper
91 100
106 32.3 24.1 36.1





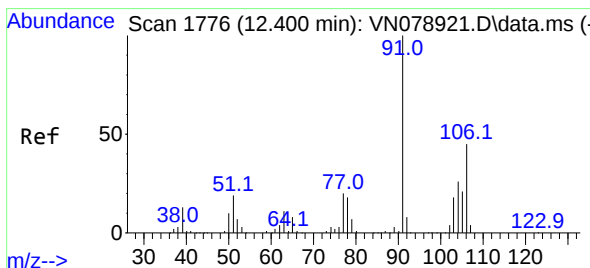
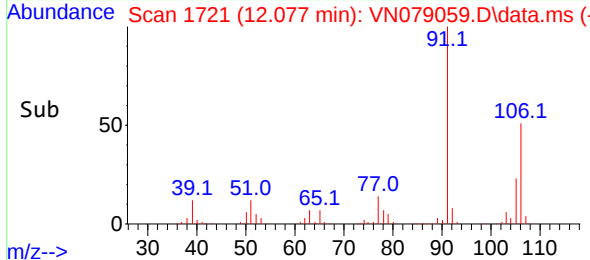
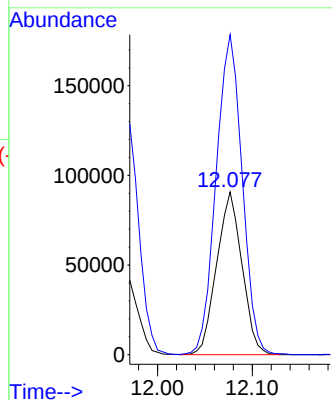
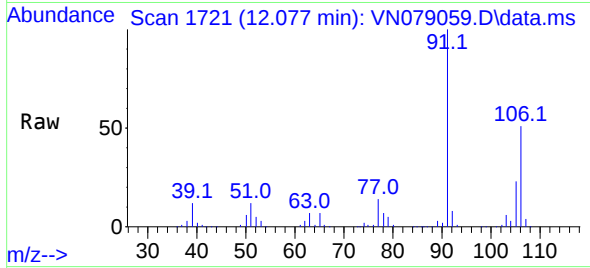
#67
m/p-Xylenes
Concen: 41.874 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

Tgt Ion:106 Resp: 16846
Ion Ratio Lower Upper
106 100
91 202.8 161.2 241.8

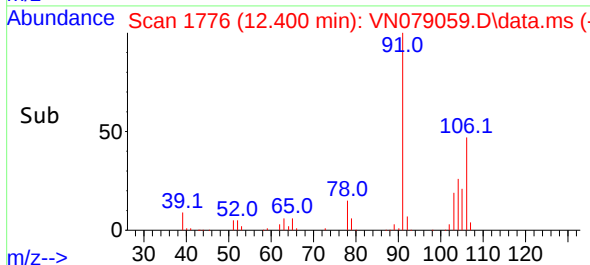
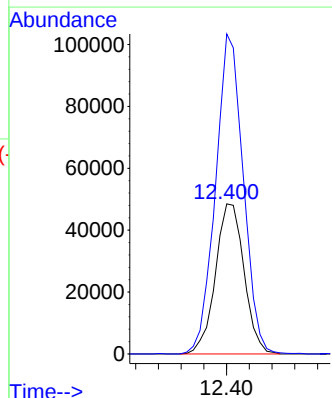
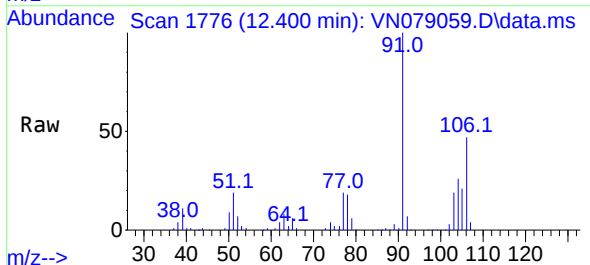
Manual Integrations
APPROVED

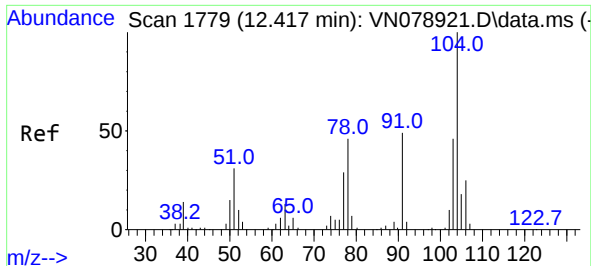
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#68
o-Xylene
Concen: 21.405 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

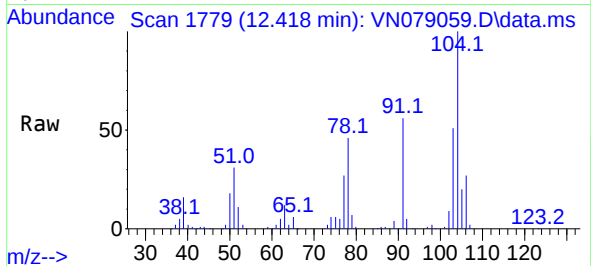
Tgt Ion:106 Resp: 84908
Ion Ratio Lower Upper
106 100
91 206.7 109.0 327.0





#69
Styrene
Concen: 20.561 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

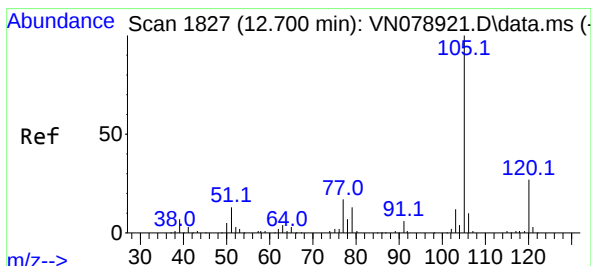
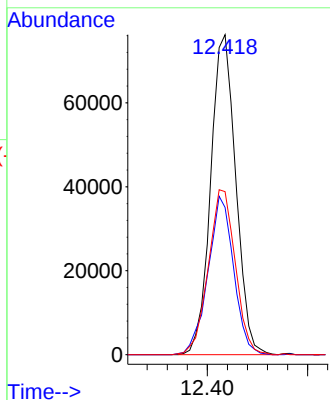
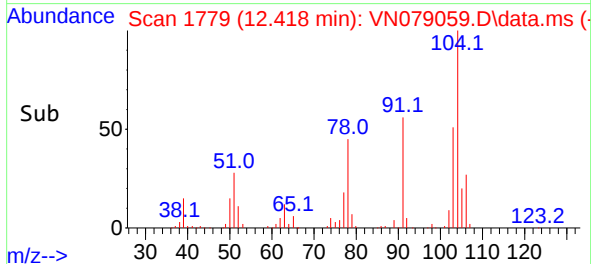
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



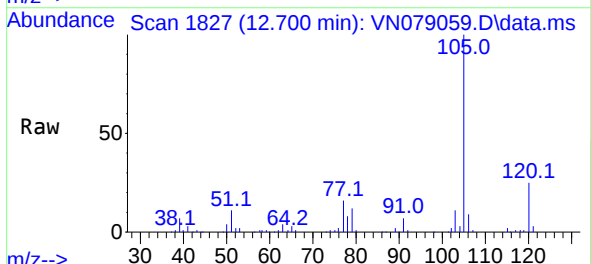
Tgt Ion:104 Resp: 132528
Ion Ratio Lower Upper
104 100
78 50.4 40.2 60.4
103 55.3 43.2 64.8

Manual Integrations
APPROVED

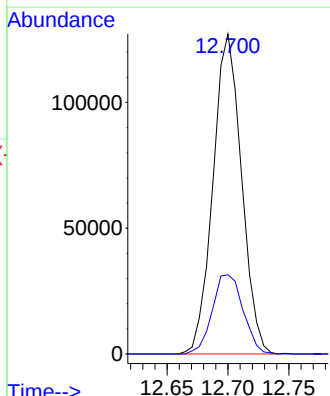
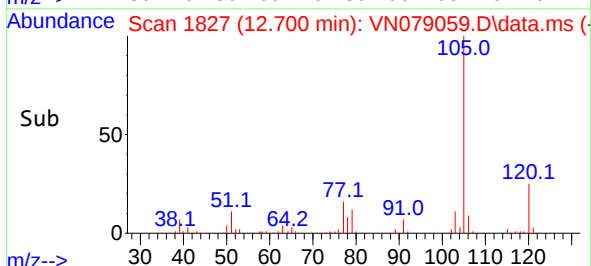
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

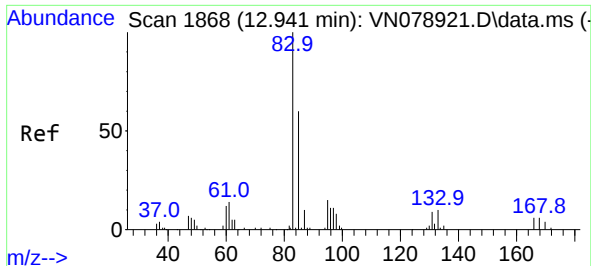


#70
Isopropylbenzene
Concen: 21.564 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46



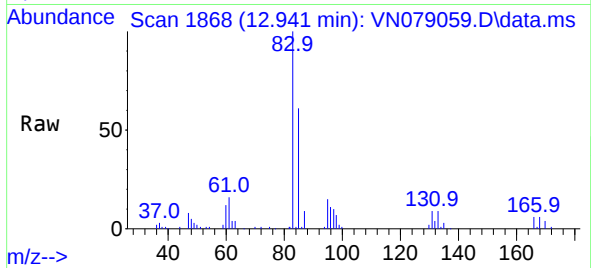
Tgt Ion:105 Resp: 207258
Ion Ratio Lower Upper
105 100
120 26.7 19.1 35.5





#71
1,1,2,2-Tetrachloroethane
Concen: 20.541 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

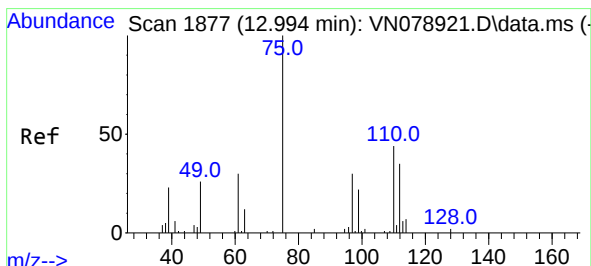
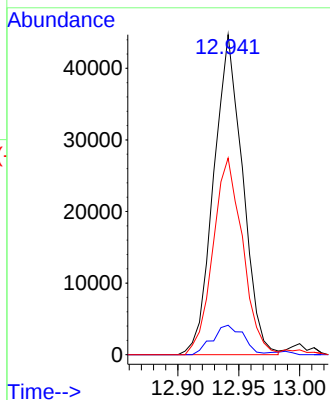
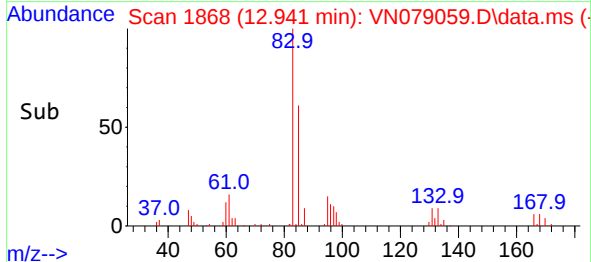
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



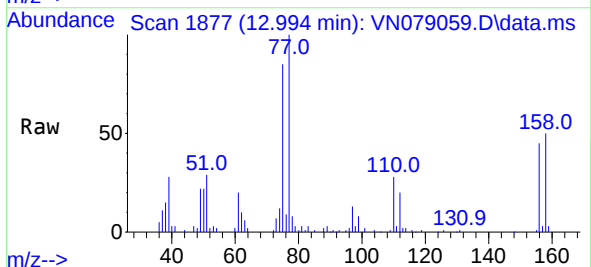
Tgt Ion: 83 Resp: 74010
Ion Ratio Lower Upper
83 100
131 9.9 4.7 14.0
85 63.0 31.9 95.7

Manual Integrations
APPROVED

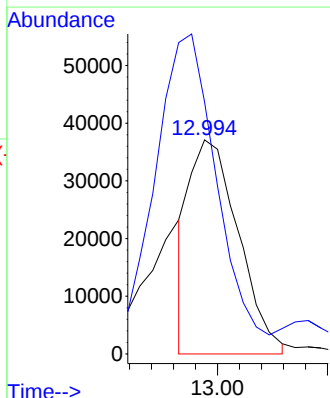
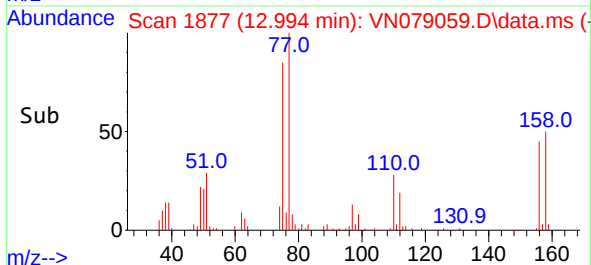
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

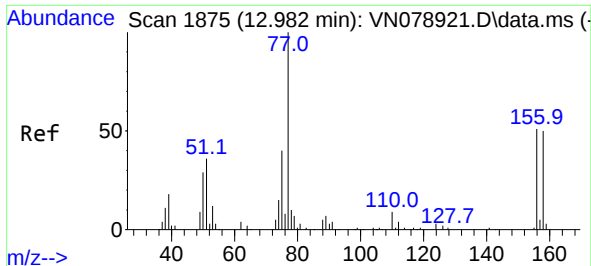


#72
1,2,3-Trichloropropane
Concen: 19.373 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46



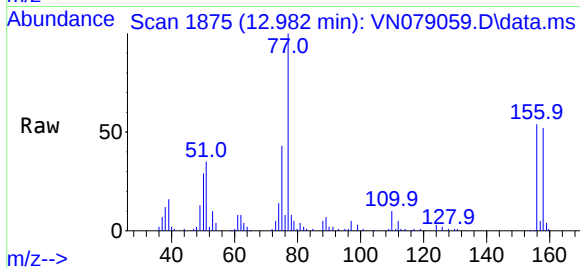
Tgt Ion: 75 Resp: 57263
Ion Ratio Lower Upper
75 100
77 193.6 0.0 367.4





#73
Bromobenzene
Concen: 20.280 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

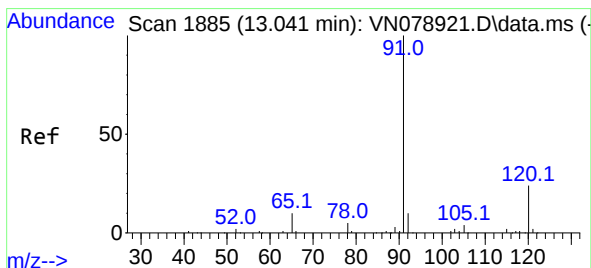
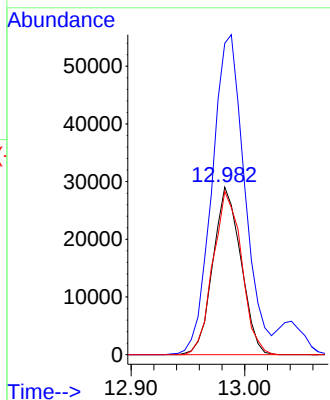
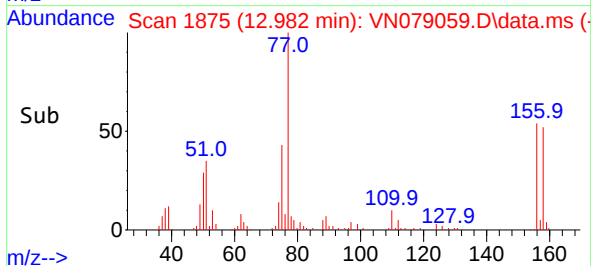
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



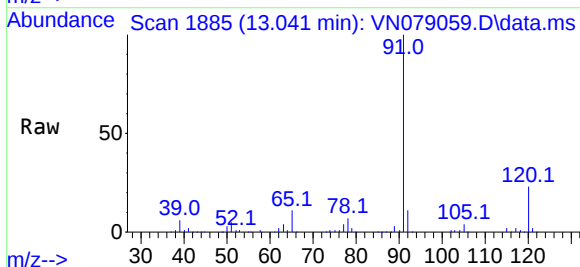
Tgt Ion:156 Resp: 4962
Ion Ratio Lower Upper
156 100
77 223.4 0.0 431.0
158 99.6 0.0 196.8

Manual Integrations
APPROVED

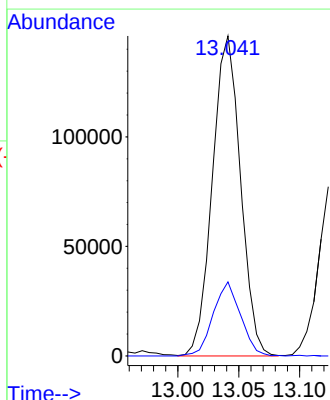
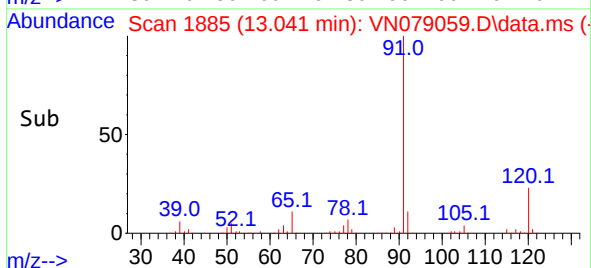
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

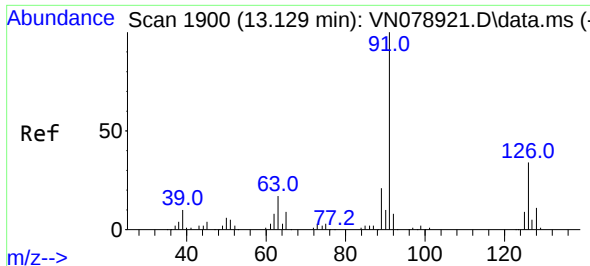


#74
n-propylbenzene
Concen: 21.577 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46



Tgt Ion: 91 Resp: 235030
Ion Ratio Lower Upper
91 100
120 22.5 0.0 44.4





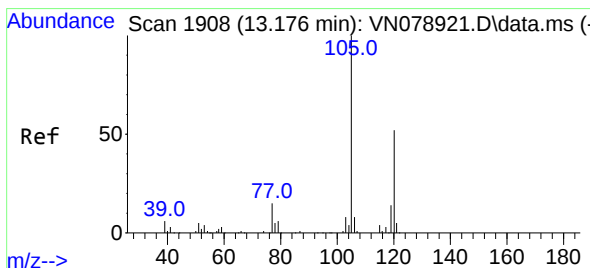
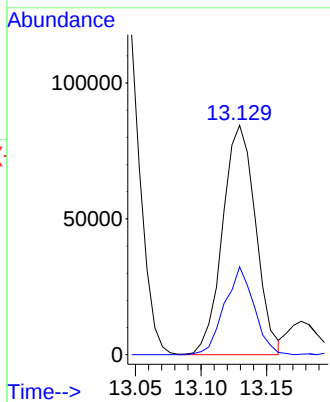
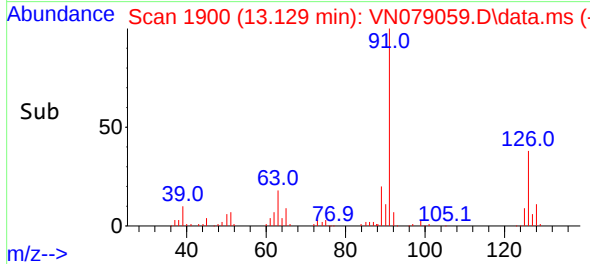
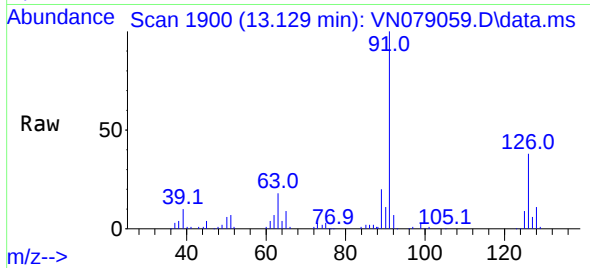
#75
2-Chlorotoluene
Concen: 21.484 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

Tgt Ion: 91 Resp: 14846
Ion Ratio Lower Upper
91 100
126 34.1 0.0 67.2

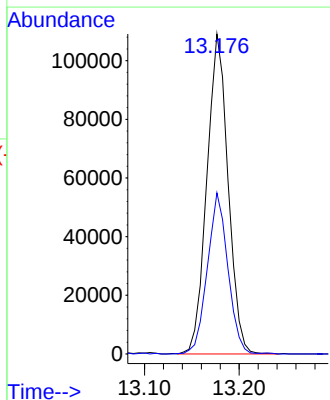
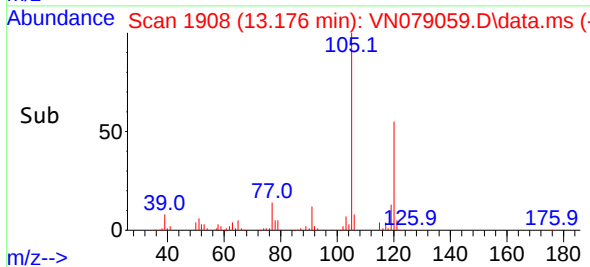
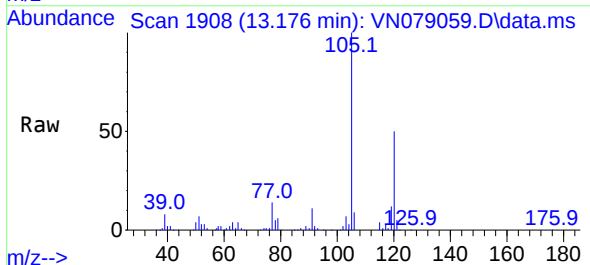
Manual Integrations
APPROVED

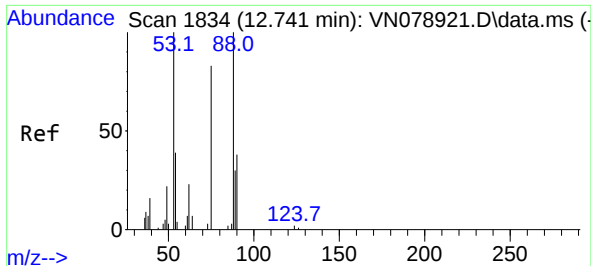
Reviewed By :John Carbone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#76
1,3,5-Trimethylbenzene
Concen: 22.352 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

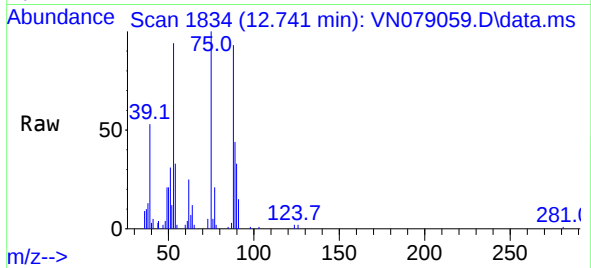
Tgt Ion:105 Resp: 170306
Ion Ratio Lower Upper
105 100
120 48.5 0.0 98.8





#77
t-1,4-Dichloro-2-butene
Concen: 20.696 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

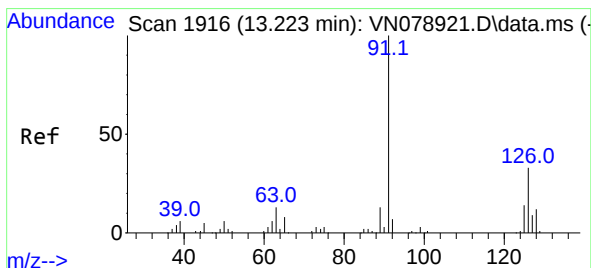
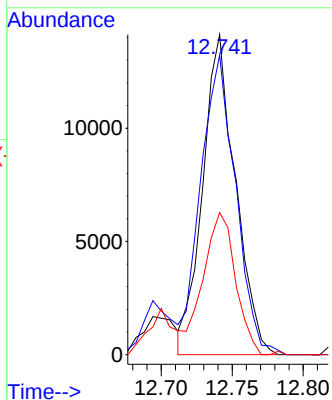
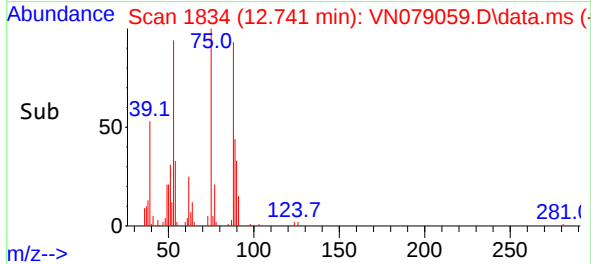
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



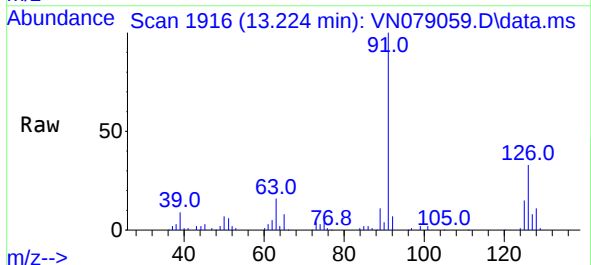
Tgt Ion: 75 Resp: 22734
Ion Ratio Lower Upper
75 100
53 92.3 60.1 180.3
89 43.3 22.9 68.8

Manual Integrations
APPROVED

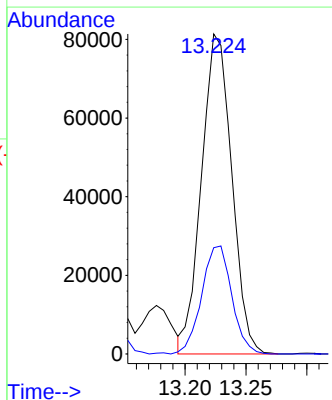
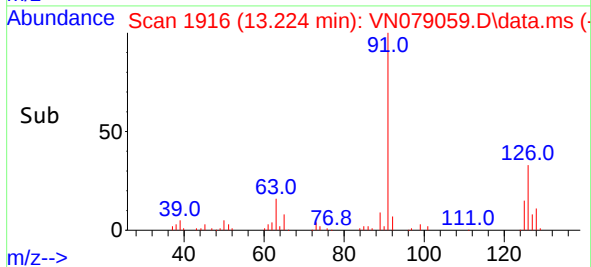
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

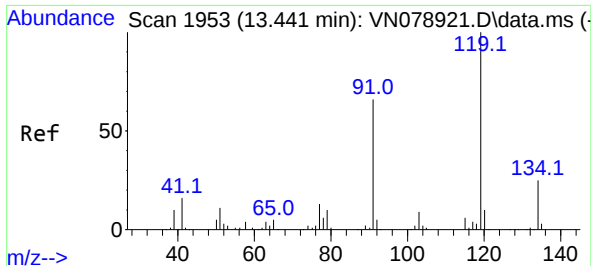


#78
4-Chlorotoluene
Concen: 21.272 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46



Tgt Ion: 91 Resp: 140830
Ion Ratio Lower Upper
91 100
126 33.5 0.0 67.4





#79
tert-butylbenzene
Concen: 21.541 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

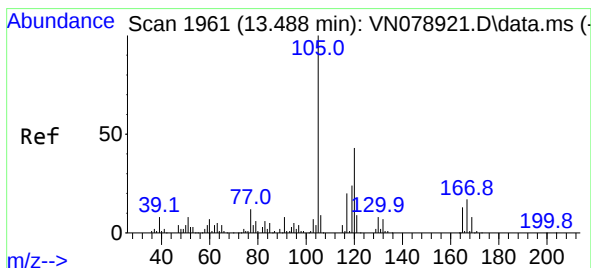
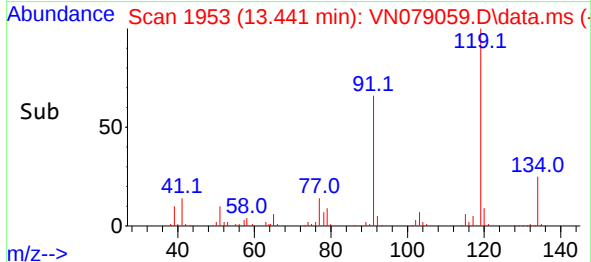
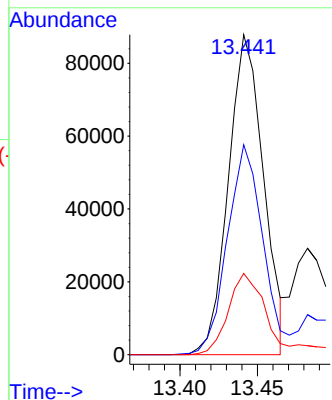
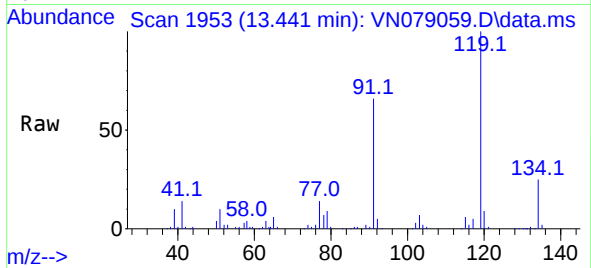
VN0828WBSD01

Tgt Ion:119 Resp: 138680
Ion Ratio Lower Upper
119 100
91 66.6 0.0 135.6
134 26.0 0.0 51.4

Manual Integrations

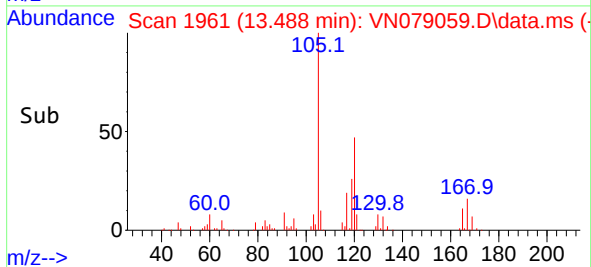
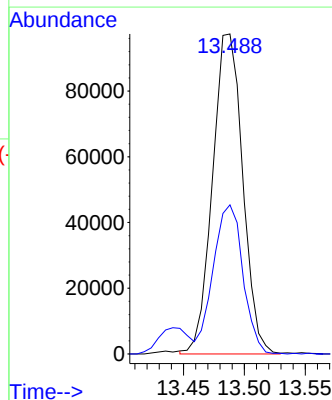
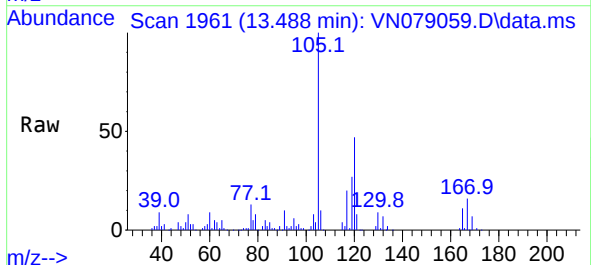
APPROVED

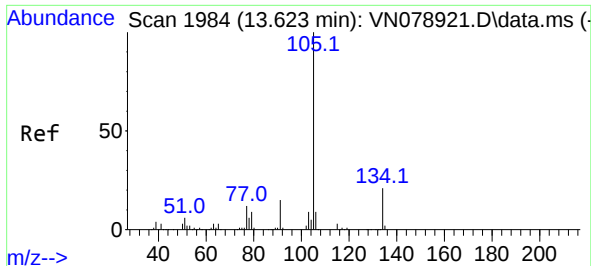
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#80
1,2,4-Trimethylbenzene
Concen: 22.415 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

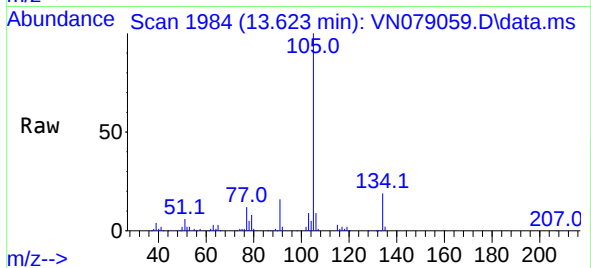
Tgt Ion:105 Resp: 167929
Ion Ratio Lower Upper
105 100
120 45.8 0.0 91.6





#81
 sec-Butylbenzene
 Concen: 23.236 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079059.D
 Acq: 28 Aug 2023 11:46

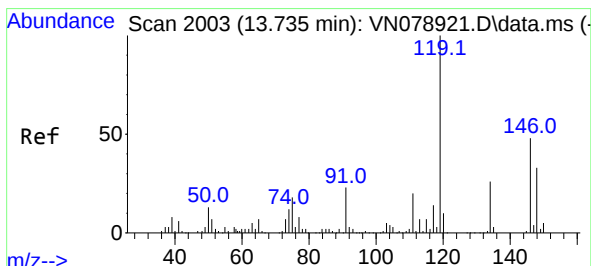
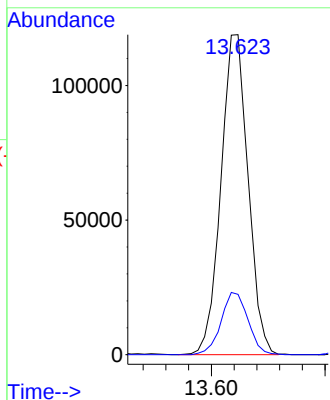
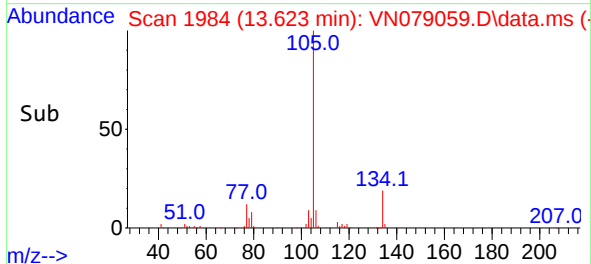
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD01



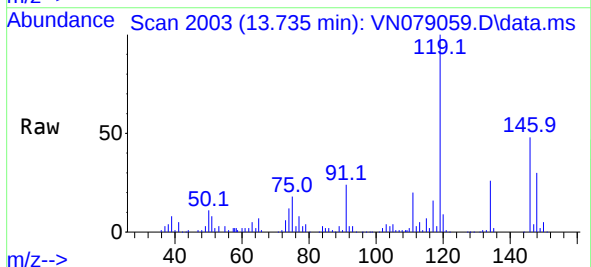
Tgt Ion:105 Resp: 19743
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 41.6

Manual Integrations
 APPROVED

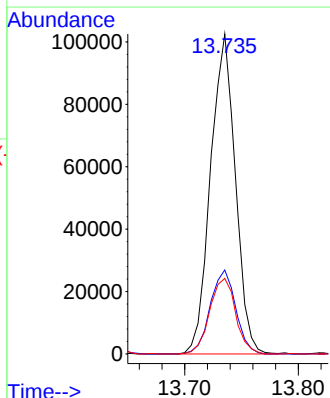
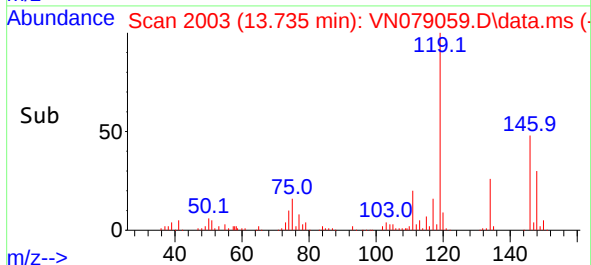
Reviewed By :John Carlone 08/29/2023
 Supervised By :Semsettin Yesilyurt 08/29/2023

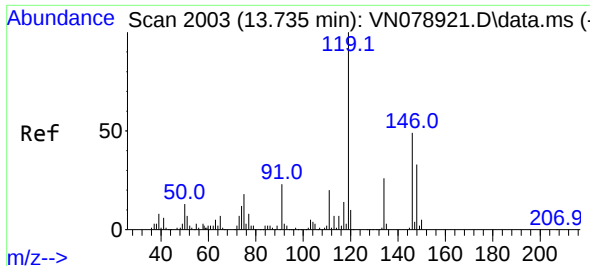


#82
 p-Isopropyltoluene
 Concen: 22.446 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079059.D
 Acq: 28 Aug 2023 11:46



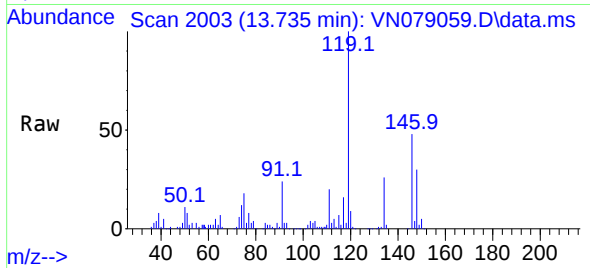
Tgt Ion:119 Resp: 155714
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 52.4
 91 24.7 0.0 47.4





#83
1,3-Dichlorobenzene
Concen: 20.938 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

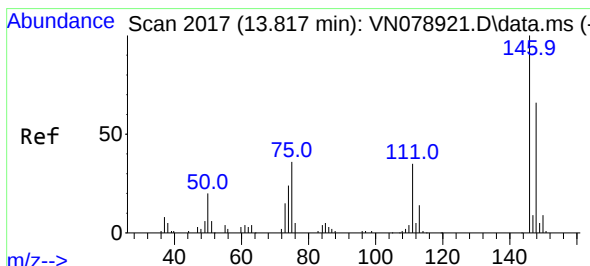
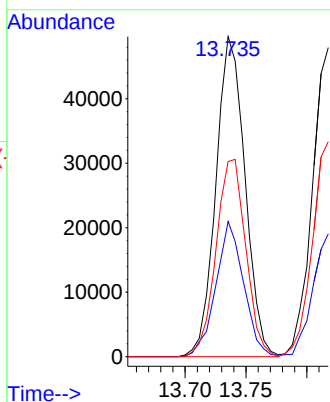
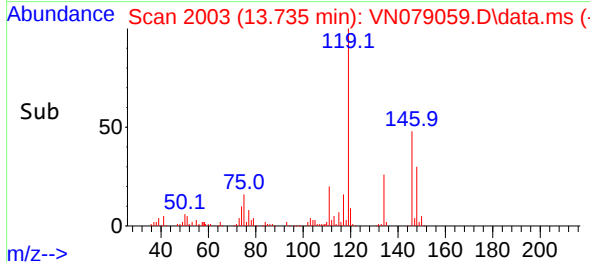
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



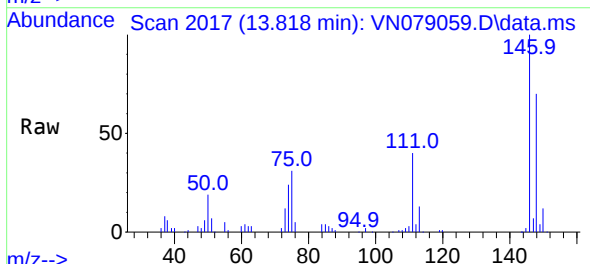
Tgt Ion:146 Resp: 8268
Ion Ratio Lower Upper
146 100
111 40.3 21.2 63.6
148 62.9 33.1 99.5

Manual Integrations
APPROVED

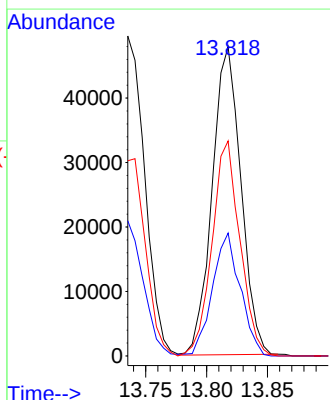
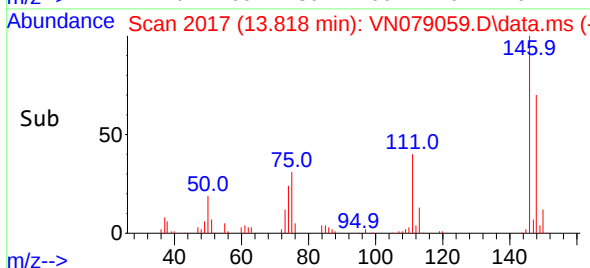
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

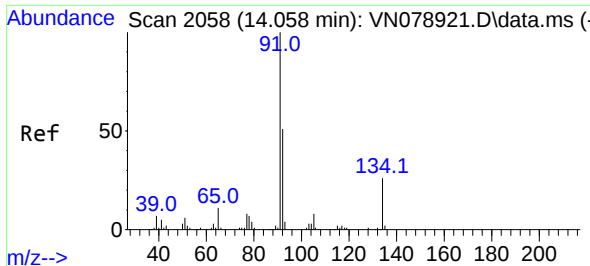


#84
1,4-Dichlorobenzene
Concen: 20.264 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46



Tgt Ion:146 Resp: 78563
Ion Ratio Lower Upper
146 100
111 38.6 18.6 56.0
148 67.7 32.0 96.2





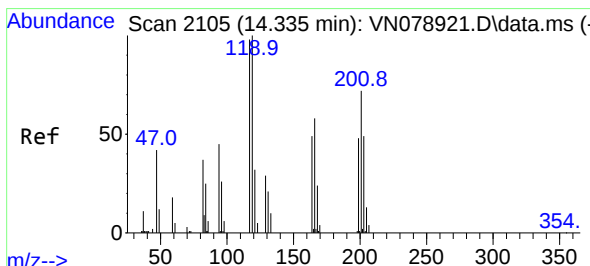
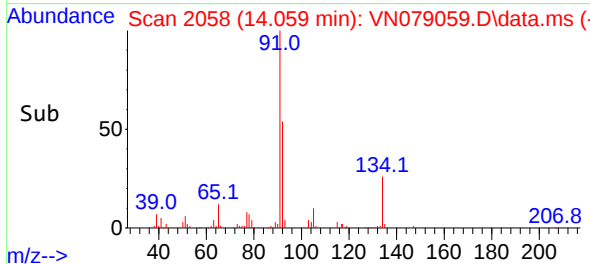
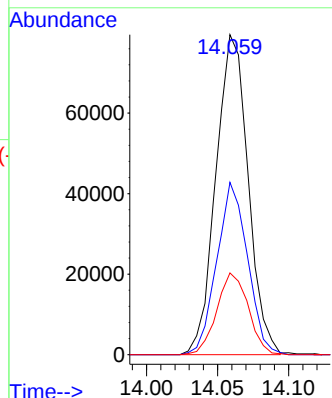
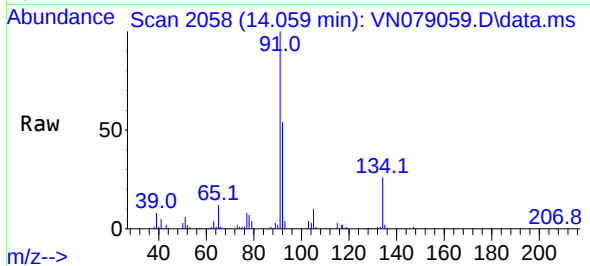
#85
n-Butylbenzene
Concen: 22.967 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

Tgt Ion: 91 Resp: 12531
Ion Ratio Lower Upper
91 100
92 51.5 0.0 102.8
134 25.0 0.0 48.6

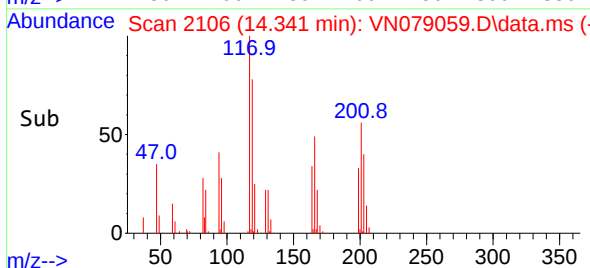
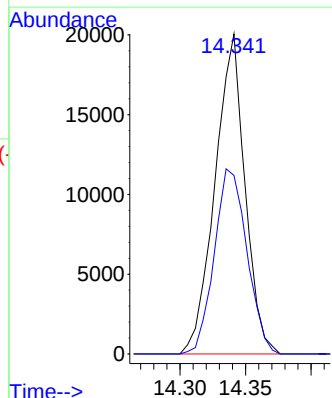
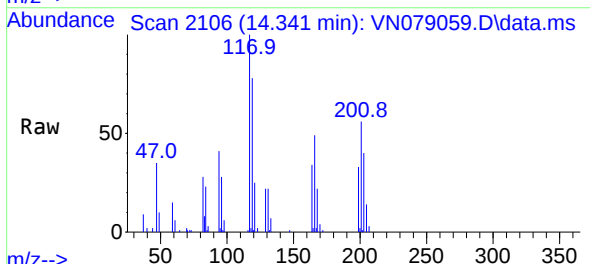
Manual Integrations
APPROVED

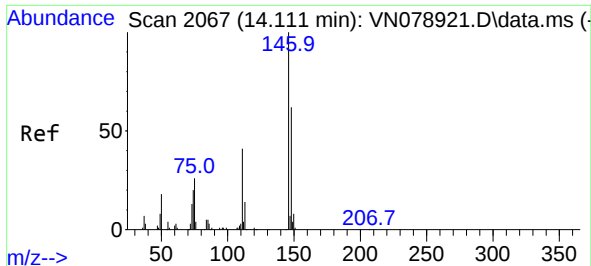
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#86
Hexachloroethane
Concen: 22.457 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

Tgt Ion:117 Resp: 31877
Ion Ratio Lower Upper
117 100
201 63.0 36.6 109.8





#87

1,2-Dichlorobenzene

Concen: 21.254 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN079059.D

Acq: 28 Aug 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD01

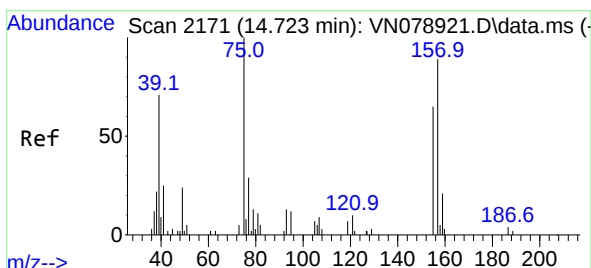
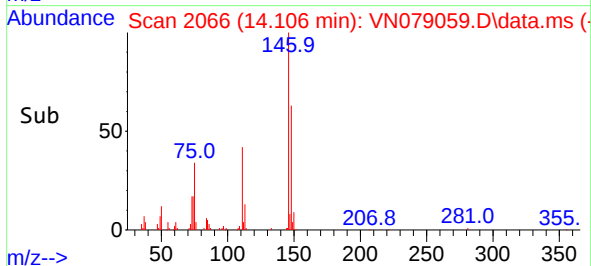
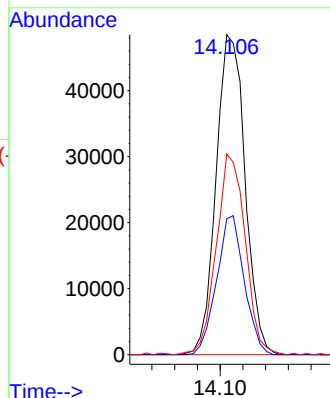
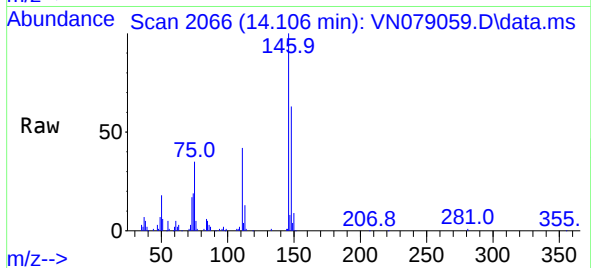
Tgt Ion:	146	Resp:	8596
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.3	60.8
148	62.6	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2023

Supervised By :Semsettin Yesilyurt 08/29/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.396 ug/l

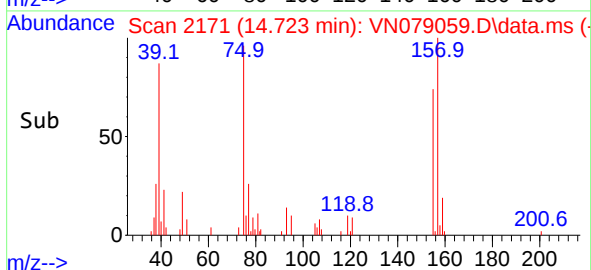
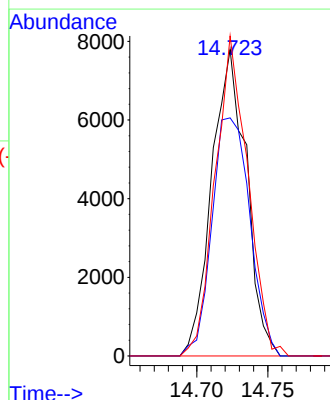
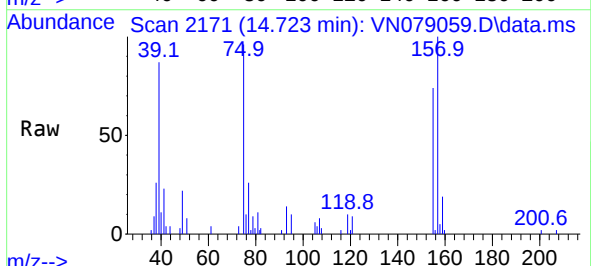
RT: 14.723 min Scan# 2171

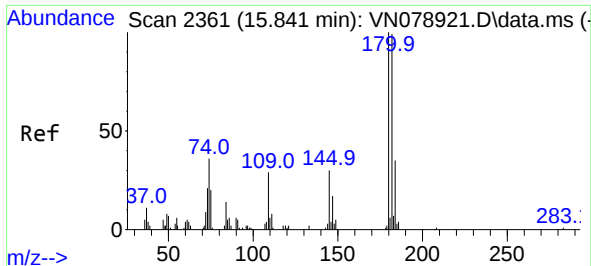
Delta R.T. 0.000 min

Lab File: VN079059.D

Acq: 28 Aug 2023 11:46

Tgt Ion:	75	Resp:	13190
Ion Ratio	Lower	Upper	
75	100		
155	85.5	61.1	91.7
157	98.4	79.8	119.6





#89
1,2,4-Trichlorobenzene
Concen: 20.467 ug/l
RT: 15.847 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

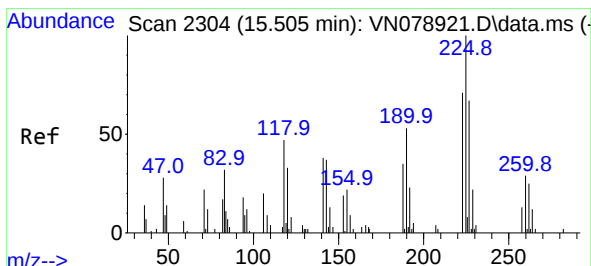
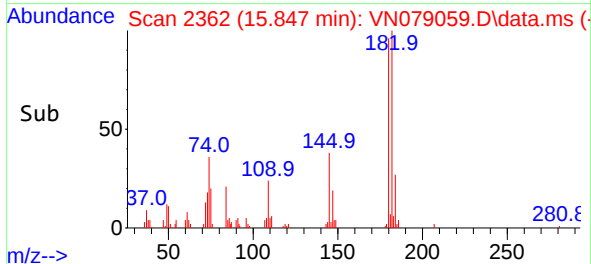
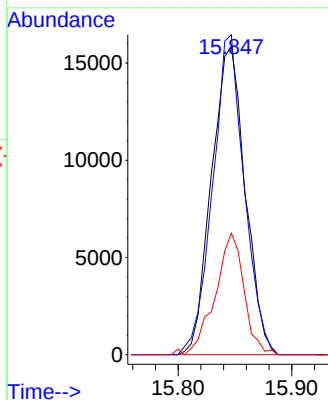
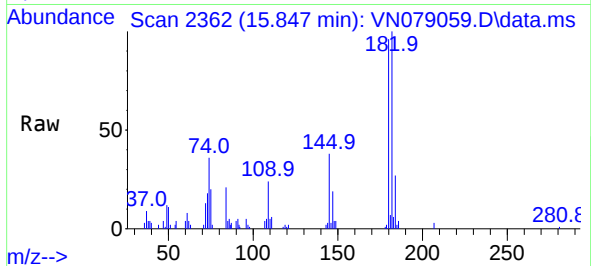
VN0828WBSD01

Tgt Ion:180 Resp: 3269
Ion Ratio Lower Upper
180 100
182 97.1 76.1 114.1
145 33.5 26.5 39.7

Manual Integrations

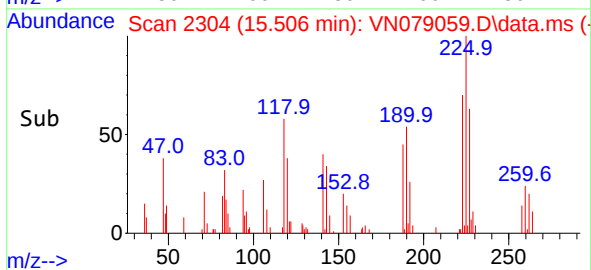
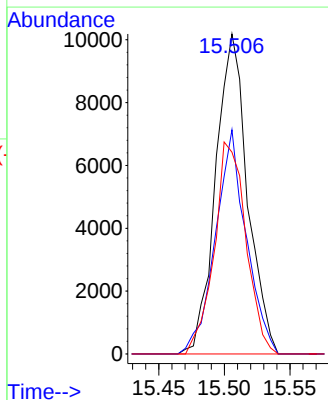
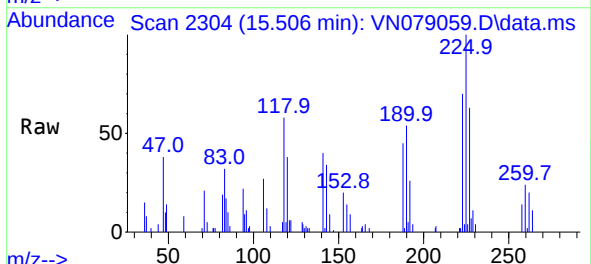
APPROVED

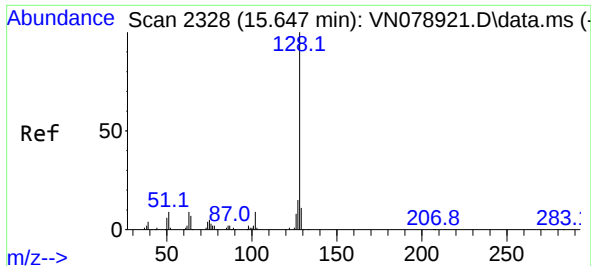
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#90
Hexachlorobutadiene
Concen: 20.669 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

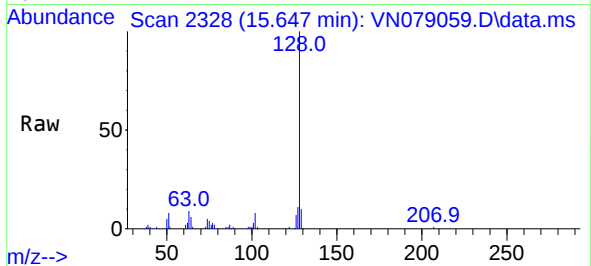
Tgt Ion:225 Resp: 17189
Ion Ratio Lower Upper
225 100
223 67.8 0.0 124.0
227 65.9 0.0 117.4





#91
Naphthalene
Concen: 19.158 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46

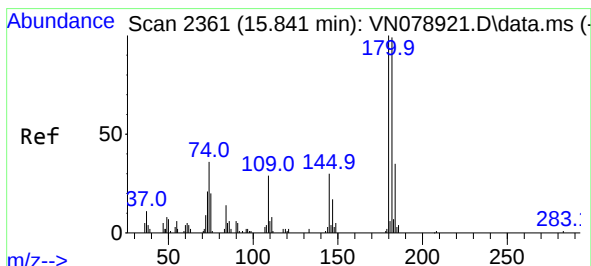
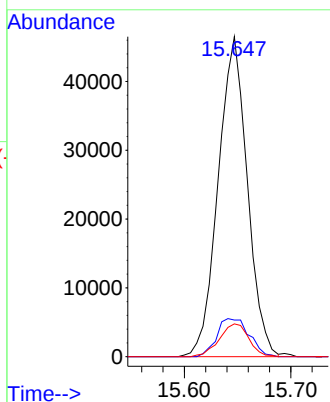
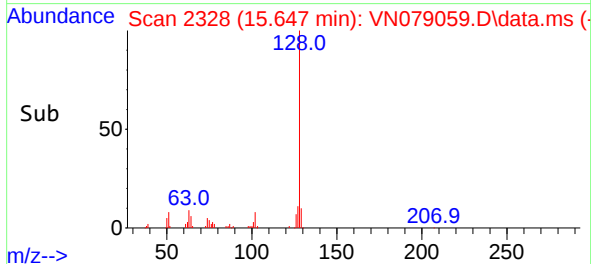
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



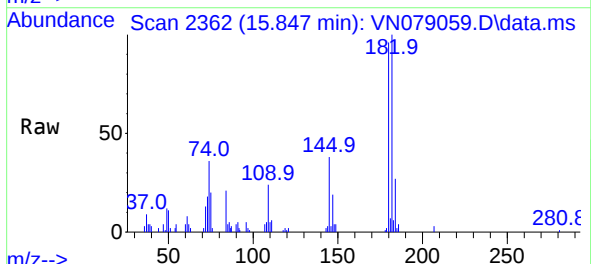
Tgt Ion:128 Resp: 88264
Ion Ratio Lower Upper
128 100
127 8.0 11.1 16.7
129 10.4 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#92
1,2,3-Trichlorobenzene
Concen: 20.467 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079059.D
Acq: 28 Aug 2023 11:46



Tgt Ion:180 Resp: 32693
Ion Ratio Lower Upper
180 100
182 97.1 0.0 190.2
145 33.5 0.0 66.2

