

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
 Data File : VN079066.D
 Acq On : 28 Aug 2023 14:54
 Operator : JC\MD
 Sample : VN0828WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD02

Quant Time: Aug 29 04:04:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	179907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	305415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	274409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	115852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	129326	46.196	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.400%		
35) Dibromofluoromethane	8.177	113	100169	48.723	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.440%		
50) Toluene-d8	10.571	98	356133	46.653	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.300%		
62) 4-Bromofluorobenzene	12.853	95	120105	48.135	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	44815	17.953	ug/l	99
3) Chloromethane	2.365	50	46637	13.381	ug/l	100
4) Vinyl Chloride	2.512	62	48330	15.812	ug/l	99
5) Bromomethane	2.954	94	32139	18.314	ug/l	99
6) Chloroethane	3.124	64	33453	15.656	ug/l	93
7) Trichlorofluoromethane	3.495	101	73292	19.687	ug/l	99
8) Diethyl Ether	3.971	74	26505	18.780	ug/l #	56
9) 1,1,2-Trichlorotrifluo...	4.383	101	37044	18.683	ug/l	94
10) Methyl Iodide	4.595	142	43639	19.671	ug/l	98
11) Tert butyl alcohol	5.536	59	43078	91.702	ug/l	95
12) 1,1-Dichloroethene	4.342	96	35322	18.288	ug/l	81
13) Acrolein	4.189	56	24512	86.545	ug/l	98
14) Allyl chloride	5.030	41	62329	16.214	ug/l #	87
15) Acrylonitrile	5.724	53	125778	98.834	ug/l	99
16) Acetone	4.436	43	114164	98.833	ug/l	91
17) Carbon Disulfide	4.718	76	81829	15.135	ug/l	98
18) Methyl Acetate	5.036	43	98038	20.091	ug/l #	81
19) Methyl tert-butyl Ether	5.806	73	139220	20.010	ug/l	98
20) Methylene Chloride	5.277	84	46712	18.976	ug/l #	86
21) trans-1,2-Dichloroethene	5.789	96	40299	18.607	ug/l	95
22) Diisopropyl ether	6.677	45	159952	19.669	ug/l #	87
23) Vinyl Acetate	6.606	43	491355	91.762	ug/l #	85
24) 1,1-Dichloroethane	6.577	63	83816	18.866	ug/l	99
25) 2-Butanone	7.494	43	173075	93.455	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	63723	17.745	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	49895	18.954	ug/l	87
28) Bromochloromethane	7.818	49	45880	19.468	ug/l #	73
29) Tetrahydrofuran	7.841	42	116799	95.283	ug/l #	69
30) Chloroform	7.965	83	90861	20.471	ug/l	93
31) Cyclohexane	8.259	56	63183	16.318	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	71725	18.952	ug/l	91
36) 1,1-Dichloropropene	8.377	75	57058	18.450	ug/l	98
37) Ethyl Acetate	7.565	43	73216	21.160	ug/l #	90
38) Carbon Tetrachloride	8.371	117	62736	20.246	ug/l	91
39) Methylcyclohexane	9.606	83	55678	19.576	ug/l #	90
40) Benzene	8.612	78	183039	20.024	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	39906	21.176	ug/l #	81
42) 1,2-Dichloroethane	8.683	62	71193	20.847	ug/l	100
43) Isopropyl Acetate	8.694	43	118771	19.420	ug/l #	87
44) Trichloroethene	9.359	130	46665	21.485	ug/l	100
45) 1,2-Dichloropropane	9.630	63	54179	22.262	ug/l	91
46) Dibromomethane	9.712	93	33189	19.882	ug/l	87
47) Bromodichloromethane	9.894	83	69731	21.155	ug/l #	97
48) Methyl methacrylate	9.688	41	55348	19.971	ug/l #	76
49) 1,4-Dioxane	9.700	88	19860	420.720	ug/l #	89
51) 4-Methyl-2-Pentanone	10.453	43	374614	103.276	ug/l #	84
52) Toluene	10.635	92	114116	20.333	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	73228	20.716	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	78794	20.467	ug/l #	86
55) 1,1,2-Trichloroethane	11.024	97	48518	21.561	ug/l	98
56) Ethyl methacrylate	10.877	69	69284	19.862	ug/l #	68
57) 1,3-Dichloropropane	11.165	76	86555	21.505	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	156167	93.265	ug/l	88
59) 2-Hexanone	11.200	43	259441	98.750	ug/l	83
60) Dibromochloromethane	11.365	129	50410	21.288	ug/l	97
61) 1,2-Dibromoethane	11.471	107	48630	21.266	ug/l	97
64) Tetrachloroethene	11.106	164	36082	20.967	ug/l	94
65) Chlorobenzene	11.894	112	119800	20.509	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	45809	20.752	ug/l	95
67) Ethyl Benzene	11.971	91	205342	19.331	ug/l	98
68) m/p-Xylenes	12.076	106	154634	38.936	ug/l	95
69) o-Xylene	12.406	106	77233	19.991	ug/l	99
70) Styrene	12.418	104	127320	19.764	ug/l	99
71) Bromoform	12.582	173	34282	21.362	ug/l #	98
73) Isopropylbenzene	12.700	105	197902	20.487	ug/l	100
74) N-amyl acetate	12.500	43	90204	18.500	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	72053	20.658	ug/l	96
76) 1,2,3-Trichloropropane	13.000	75	58508m	20.960	ug/l	
77) Bromobenzene	12.988	156	46635	20.084	ug/l	92
78) n-propylbenzene	13.041	91	220595	19.693	ug/l	99
79) 2-Chlorotoluene	13.129	91	139029	20.008	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	162378	21.212	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	22130	20.252	ug/l #	81
82) 4-Chlorotoluene	13.229	91	133697	19.664	ug/l	98
83) tert-Butylbenzene	13.441	119	139439	21.679	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	155082	20.459	ug/l	97
85) sec-Butylbenzene	13.623	105	183544	20.736	ug/l	100
86) p-Isopropyltoluene	13.735	119	150680	21.307	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	79860	19.987	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	78889	19.727	ug/l	99
89) n-Butylbenzene	14.059	91	119084	20.461	ug/l	99
90) Hexachloroethane	14.335	117	28853	20.353	ug/l	85
91) 1,2-Dichlorobenzene	14.112	146	82929	20.871	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12330	18.658	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	30170	21.419	ug/l	97
94) Hexachlorobutadiene	15.506	225	17810	22.177	ug/l	96
95) Naphthalene	15.647	128	77779	16.393	ug/l	96
96) 1,2,3-Trichlorobenzene	15.847	180	32664	21.173	ug/l	99

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ClientSampleId :
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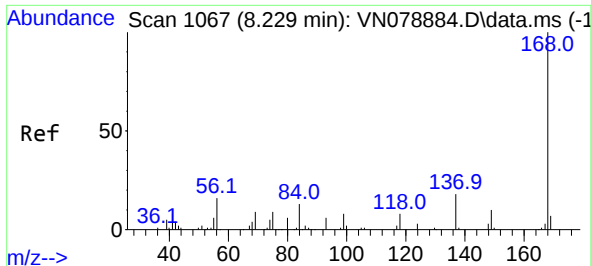
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
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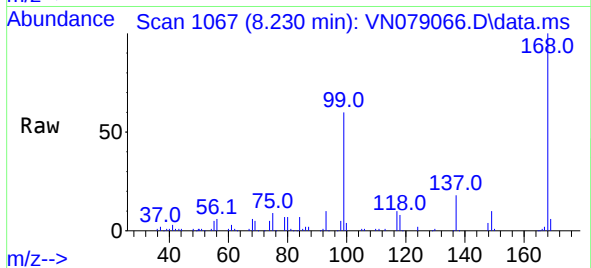
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079066.D
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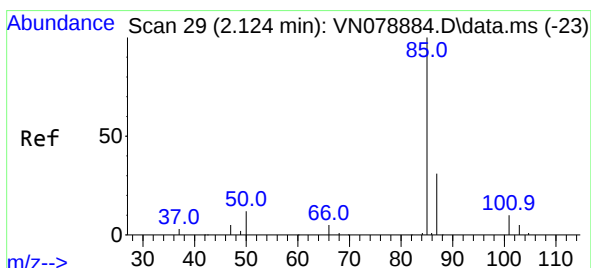
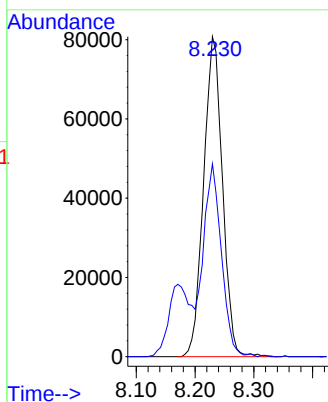
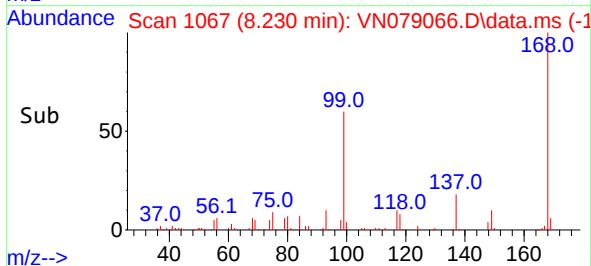
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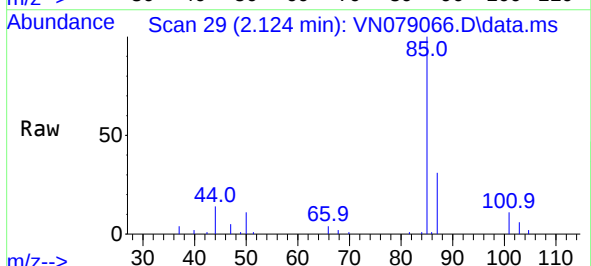
Tgt Ion:168 Resp: 17990
Ion Ratio Lower Upper
168 100
99 60.3 53.0 79.6

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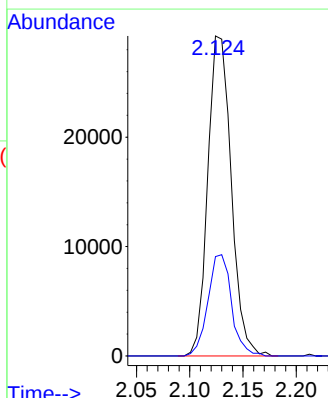
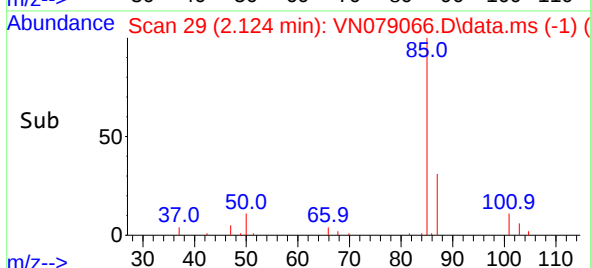
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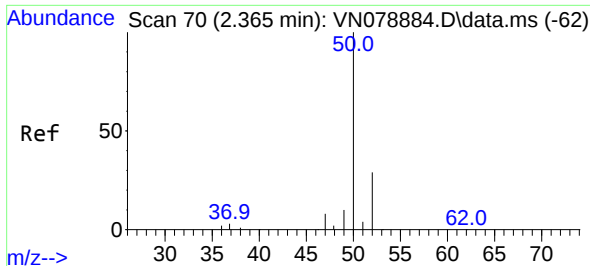


#2
Dichlorodifluoromethane
Concen: 17.953 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54



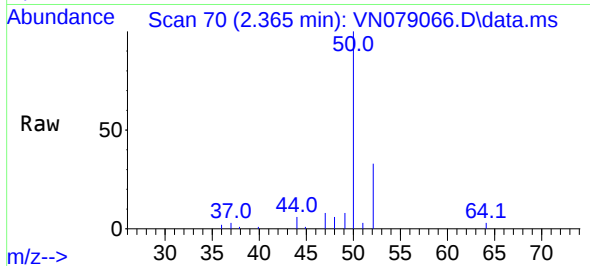
Tgt Ion: 85 Resp: 44815
Ion Ratio Lower Upper
85 100
87 31.0 15.8 47.4





#3
Chloromethane
Concen: 13.381 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

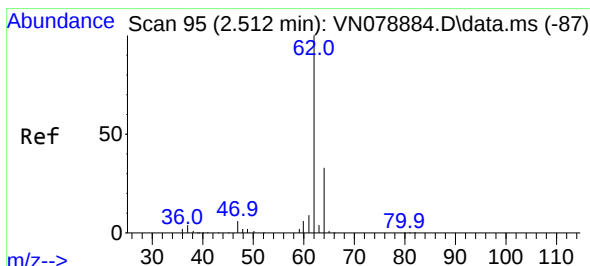
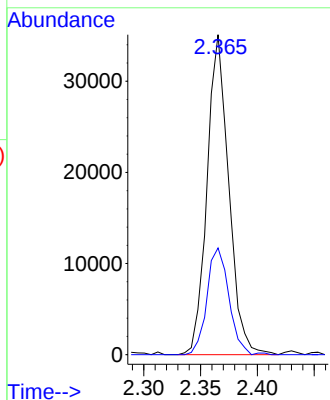
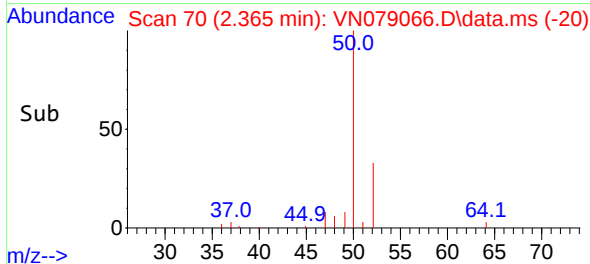
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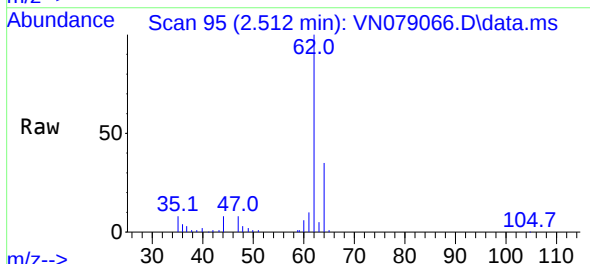
Tgt Ion: 50 Resp: 4663
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7

Manual Integrations
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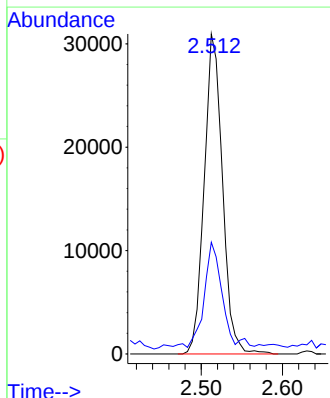
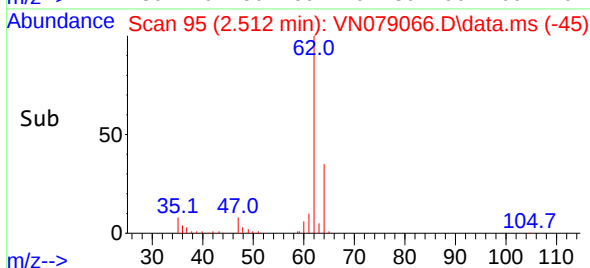
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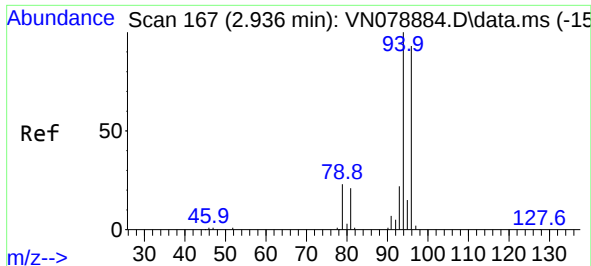


#4
Vinyl Chloride
Concen: 15.812 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54



Tgt Ion: 62 Resp: 48330
Ion Ratio Lower Upper
62 100
64 32.1 26.2 39.2





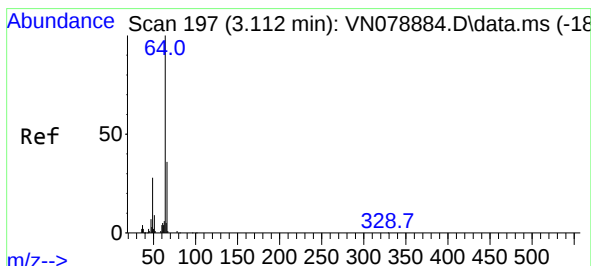
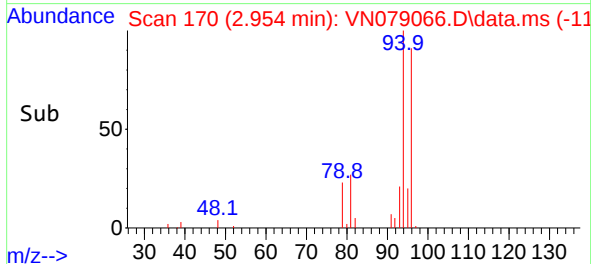
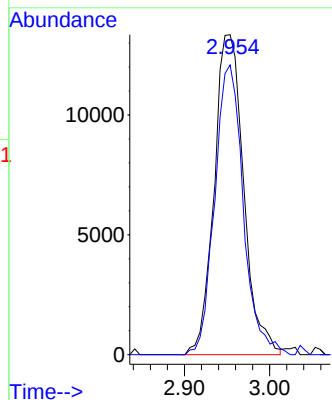
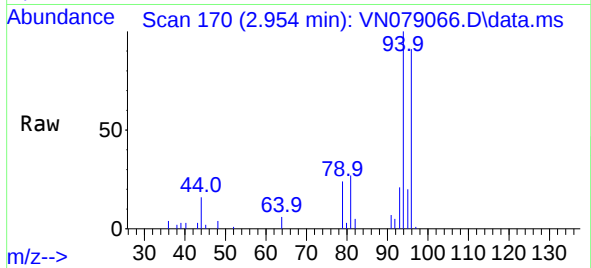
#5
Bromomethane
Concen: 18.314 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079066.D
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Instrument :
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Tgt Ion: 94 Resp: 32139
Ion Ratio Lower Upper
94 100
96 90.5 73.1 109.7

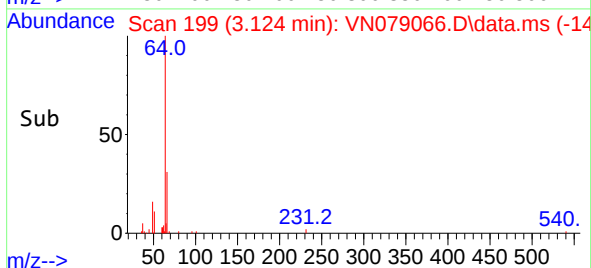
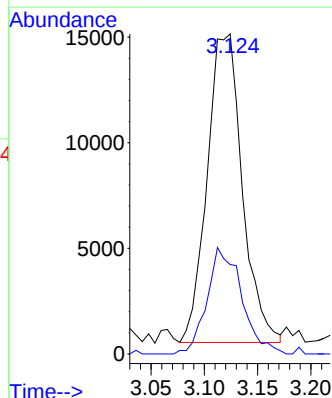
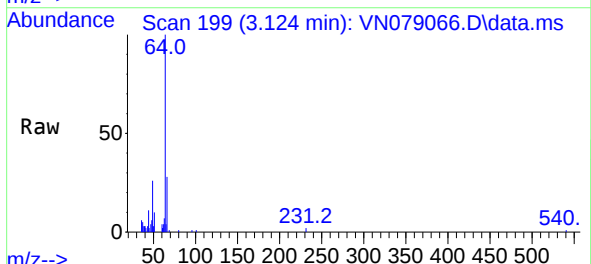
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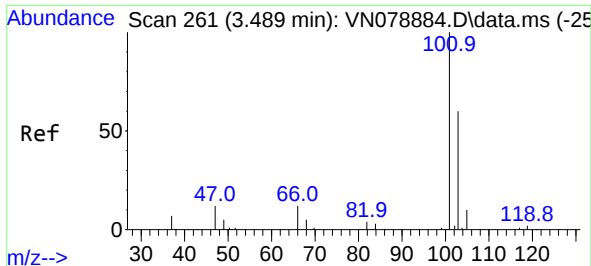
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#6
Chloroethane
Concen: 15.656 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

Tgt Ion: 64 Resp: 33453
Ion Ratio Lower Upper
64 100
66 27.9 25.4 38.2





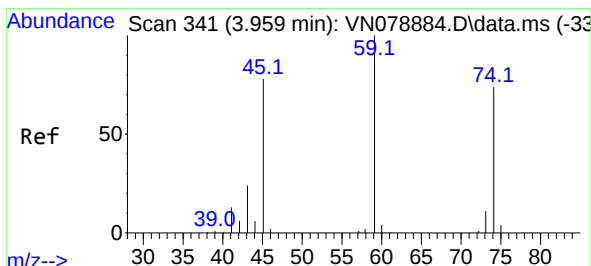
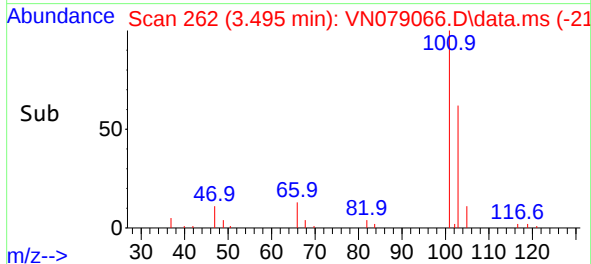
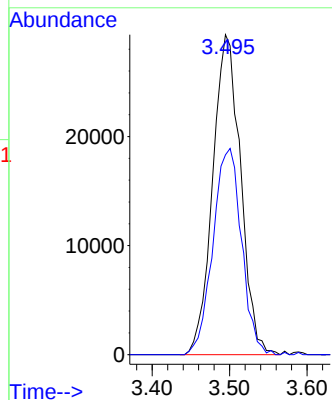
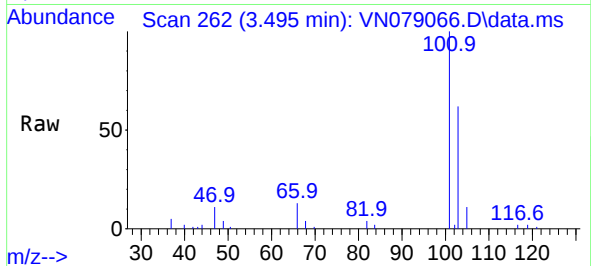
#7
Trichlorofluoromethane
Concen: 19.687 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

Instrument :
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ClientSampleId :
VN0828WBSD02

Tgt Ion:101 Resp: 73292
Ion Ratio Lower Upper
101 100
103 62.5 50.7 76.1

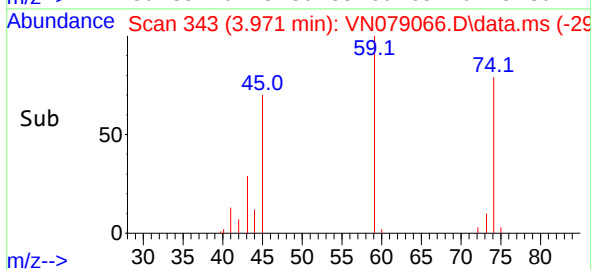
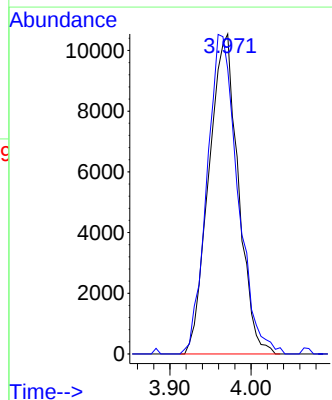
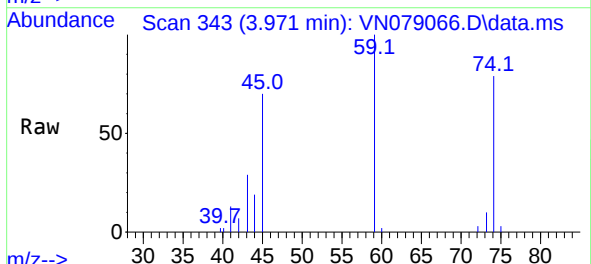
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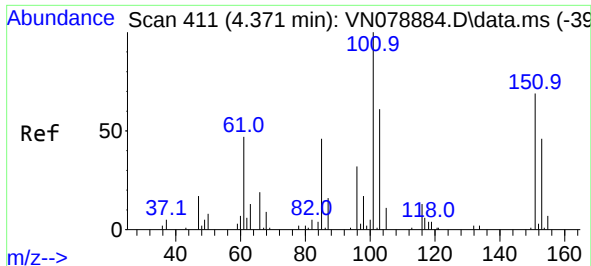
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#8
Diethyl Ether
Concen: 18.780 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

Tgt Ion: 74 Resp: 26505
Ion Ratio Lower Upper
74 100
45 104.6 34.4 103.3#





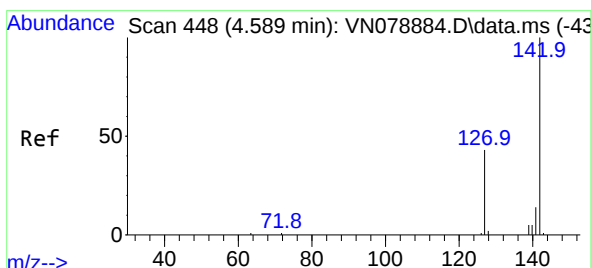
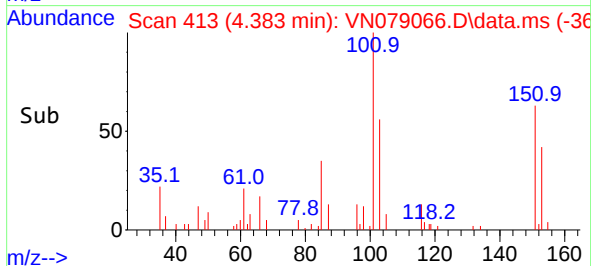
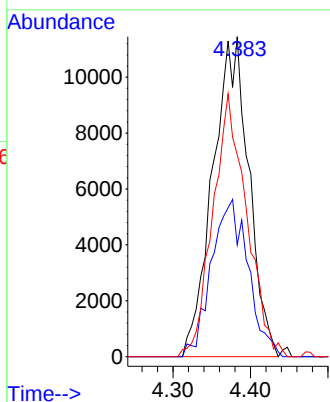
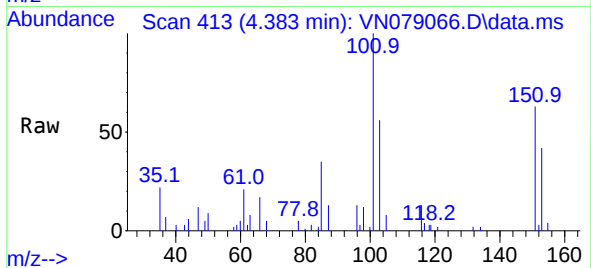
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.683 ug/l
RT: 4.383 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02

Tgt Ion:101 Resp: 3704
Ion Ratio Lower Upper
101 100
85 49.8 36.6 55.0
151 77.1 57.6 86.4

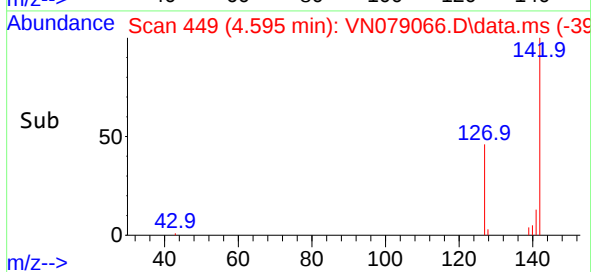
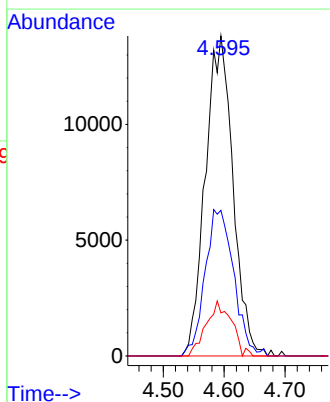
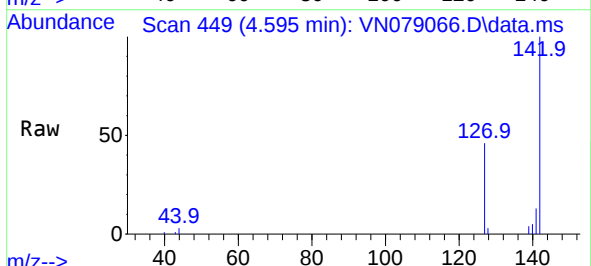
Manual Integrations
APPROVED

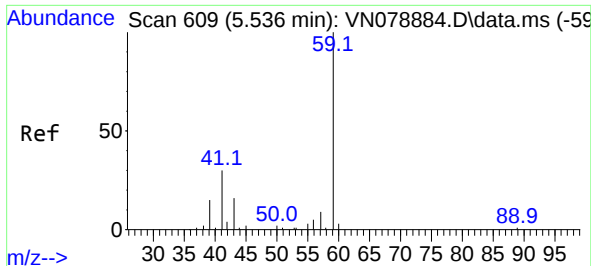
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#10
Methyl Iodide
Concen: 19.671 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

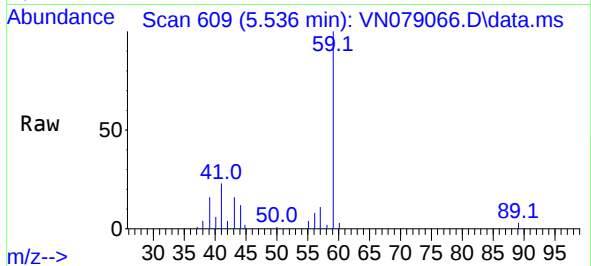
Tgt Ion:142 Resp: 43639
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 13.5 11.4 17.0





#11
Tert butyl alcohol
Concen: 91.702 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

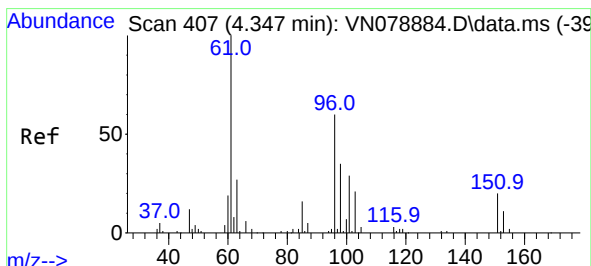
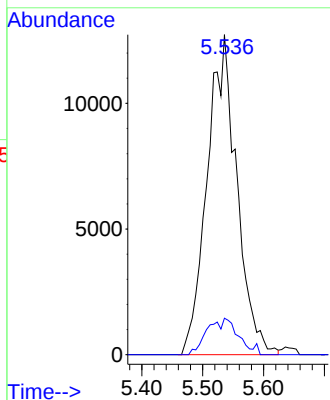
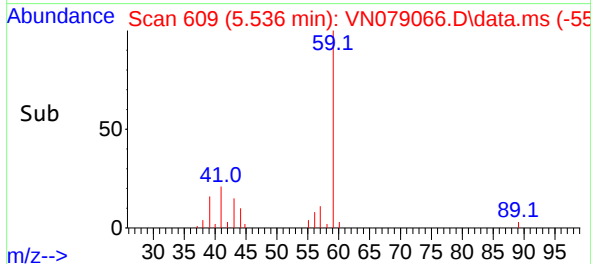
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02



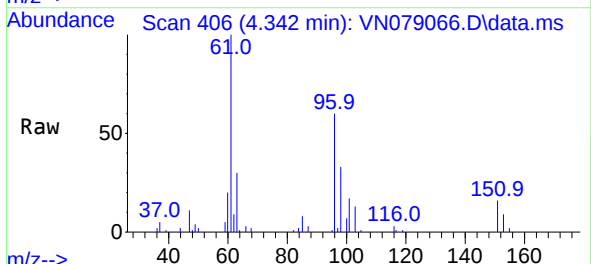
Tgt Ion: 59 Resp: 43078
Ion Ratio Lower Upper
59 100
57 12.1 8.2 12.4

Manual Integrations
APPROVED

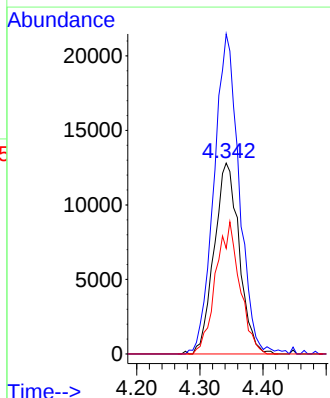
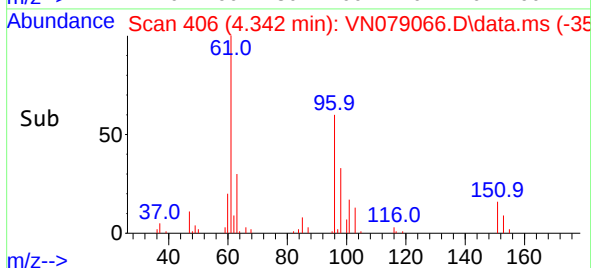
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

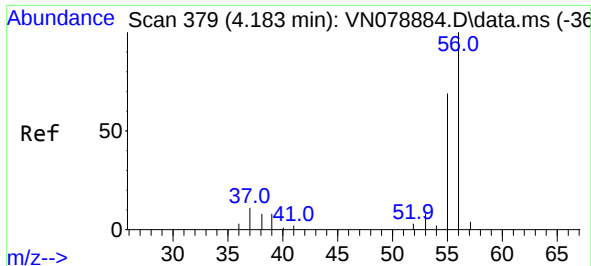


#12
1,1-Dichloroethene
Concen: 18.288 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54



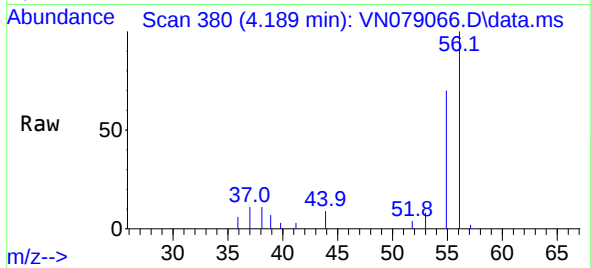
Tgt Ion: 96 Resp: 35322
Ion Ratio Lower Upper
96 100
61 167.6 112.7 169.1
98 55.3 51.2 76.8





#13
Acrolein
Concen: 86.545 ug/l
RT: 4.189 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

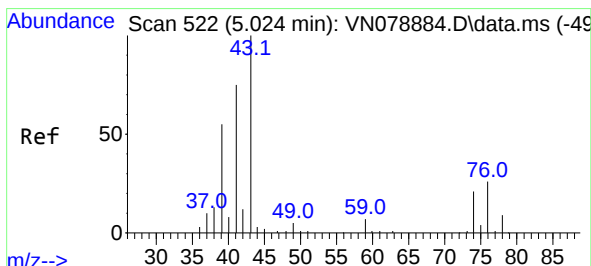
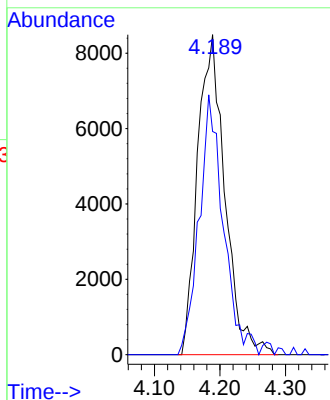
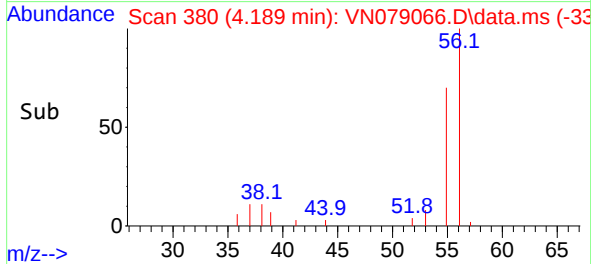
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02



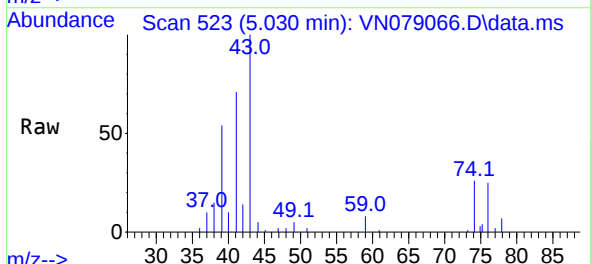
Tgt Ion: 56 Resp: 24512
Ion Ratio Lower Upper
56 100
55 70.0 54.5 81.7

Manual Integrations
APPROVED

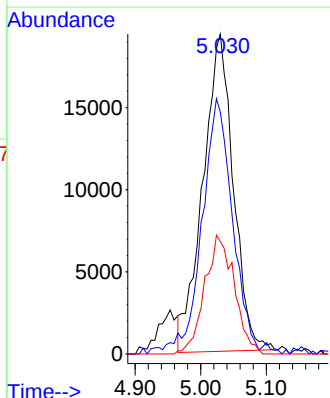
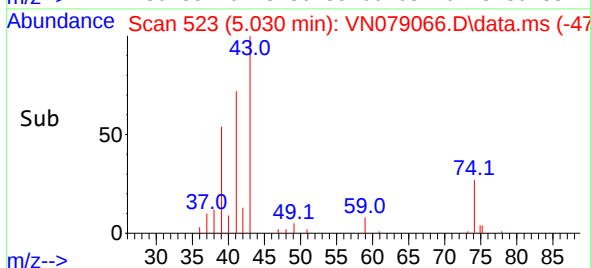
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

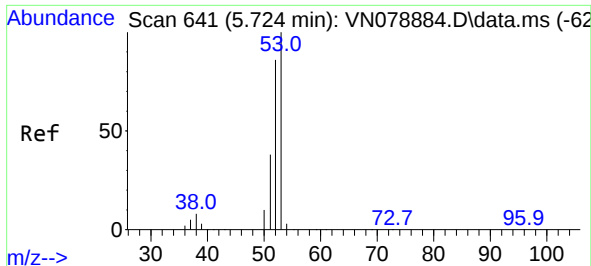


#14
Allyl chloride
Concen: 16.214 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54



Tgt Ion: 41 Resp: 62329
Ion Ratio Lower Upper
41 100
39 80.7 58.8 88.2
76 36.3 39.1 58.7#





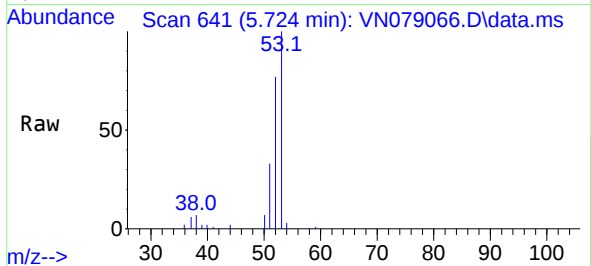
#15
Acrylonitrile
Concen: 98.834 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD02



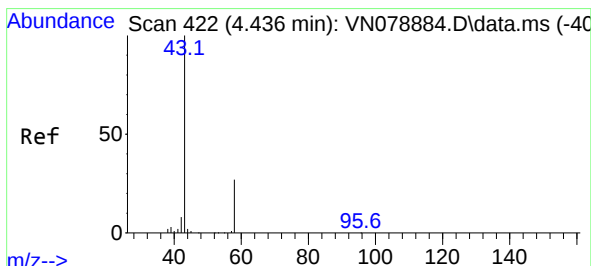
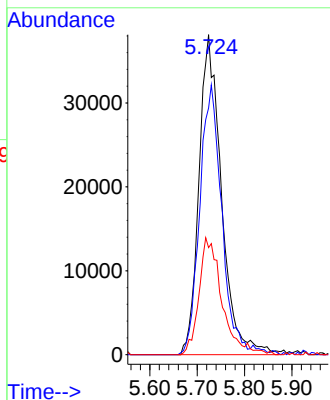
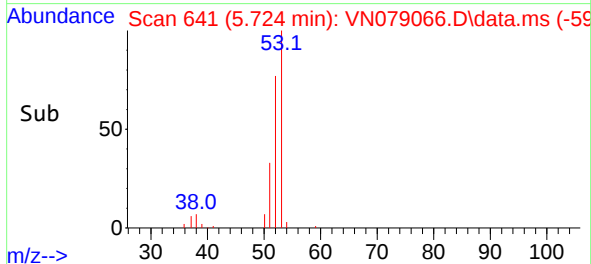
Tgt Ion: 53 Resp: 125778
Ion Ratio Lower Upper
53 100
52 82.0 65.3 97.9
51 37.5 28.9 43.3

Manual Integrations

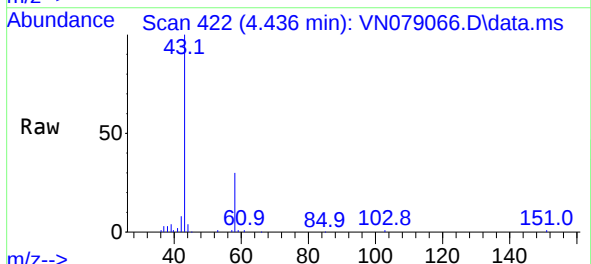
APPROVED

Reviewed By :John Carlone 08/29/2023

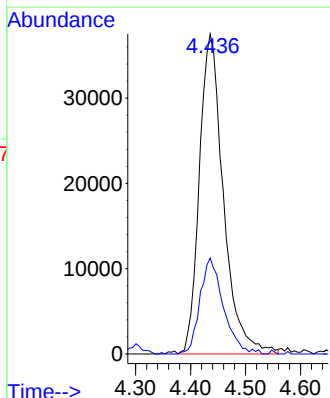
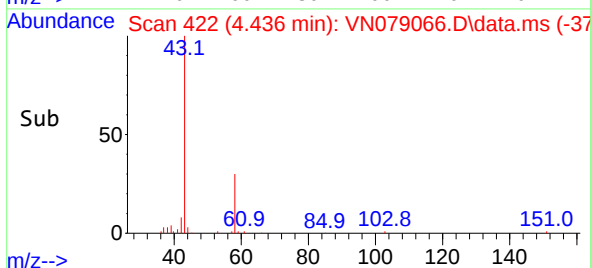
Supervised By :Semsettin Yesilyurt 08/29/2023

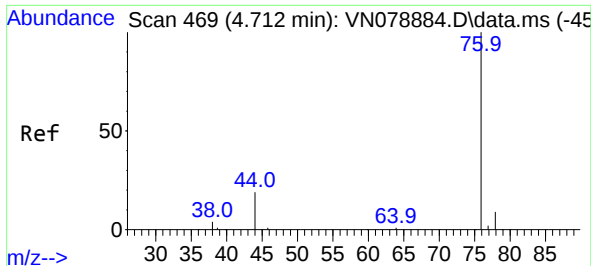


#16
Acetone
Concen: 98.833 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54



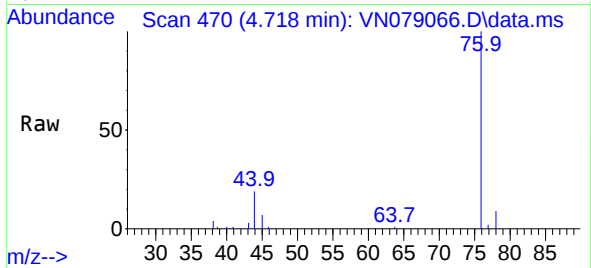
Tgt Ion: 43 Resp: 114164
Ion Ratio Lower Upper
43 100
58 30.0 28.0 42.0





#17
Carbon Disulfide
Concen: 15.135 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

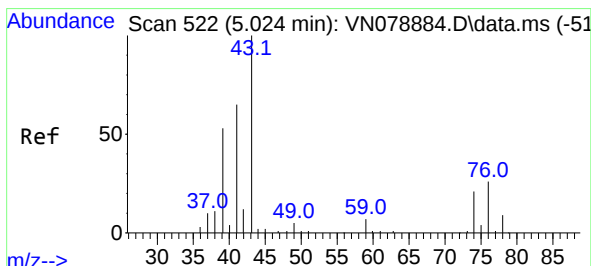
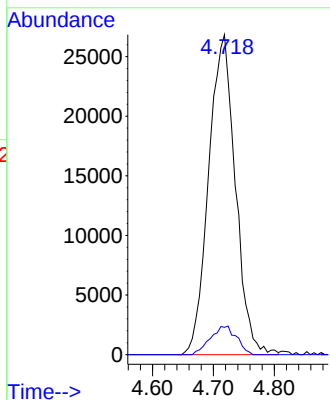
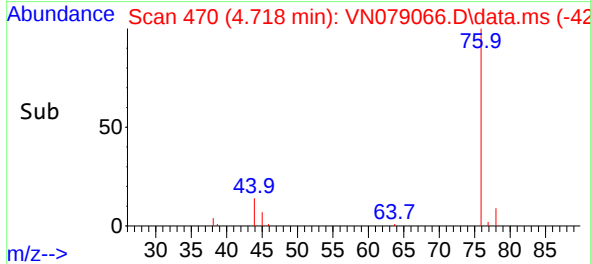
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02



Tgt Ion: 76 Resp: 81829
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

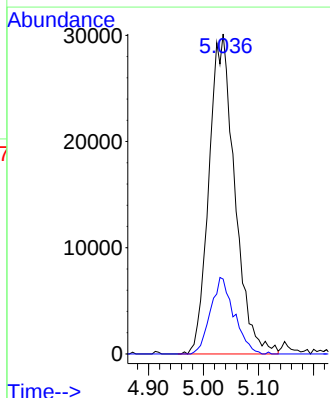
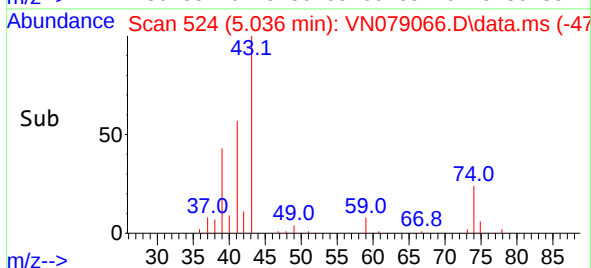
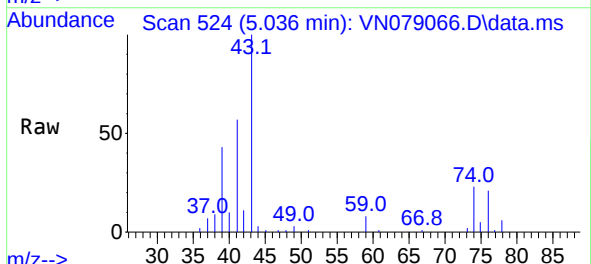
Manual Integrations
APPROVED

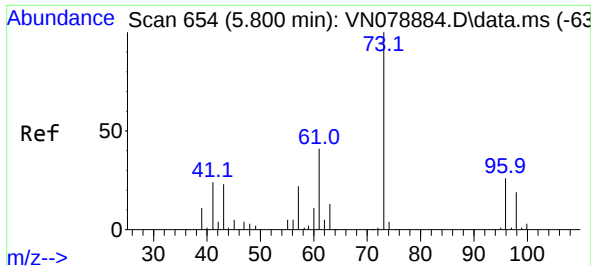
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#18
Methyl Acetate
Concen: 20.091 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

Tgt Ion: 43 Resp: 98038
Ion Ratio Lower Upper
43 100
74 21.9 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 20.010 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

Instrument :

MSVOA_N

ClientSampleId :

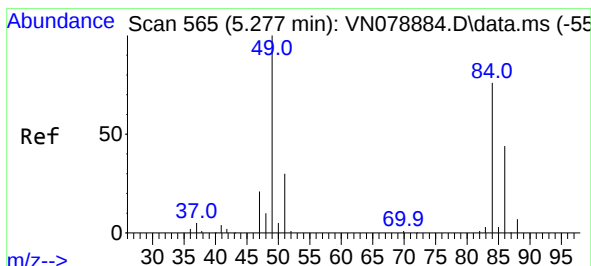
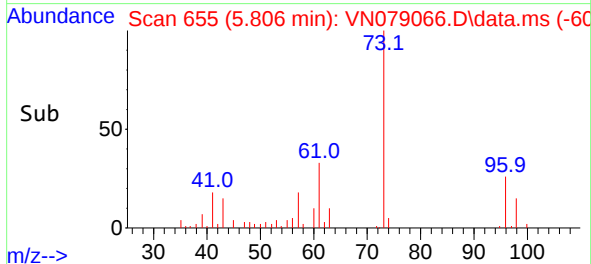
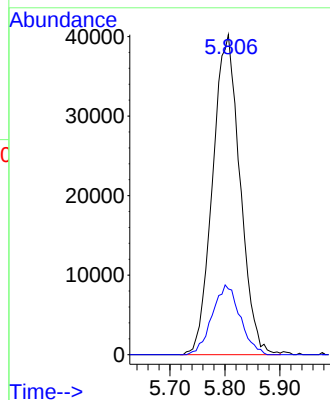
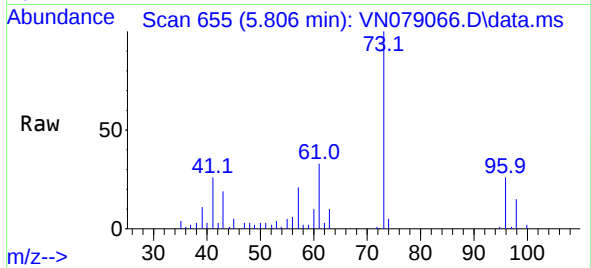
VN0828WBSD02

Tgt Ion: 73 Resp: 139220
Ion Ratio Lower Upper
73 100
57 20.6 15.6 23.4

Manual Integrations

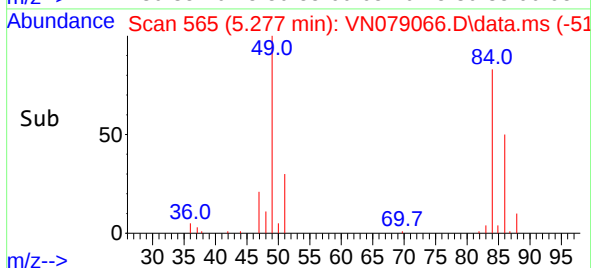
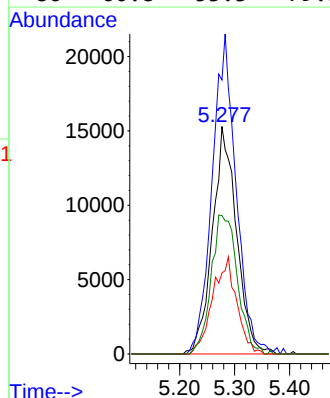
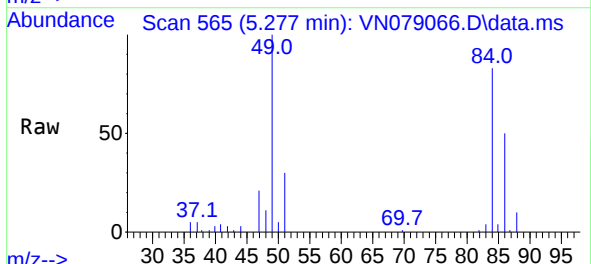
APPROVED

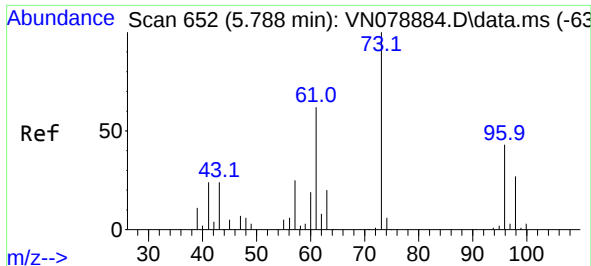
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#20
Methylene Chloride
Concen: 18.976 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

Tgt Ion: 84 Resp: 46712
Ion Ratio Lower Upper
84 100
49 120.4 79.7 119.5#
51 35.6 25.2 37.8
86 60.8 53.3 79.9





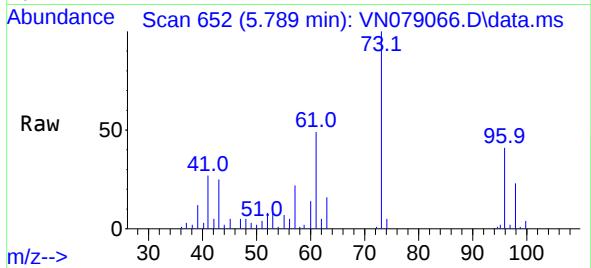
#21
trans-1,2-Dichloroethene
Concen: 18.607 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD02

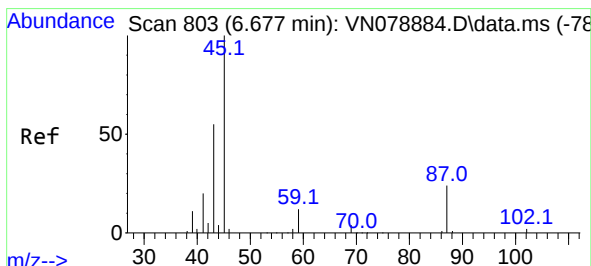
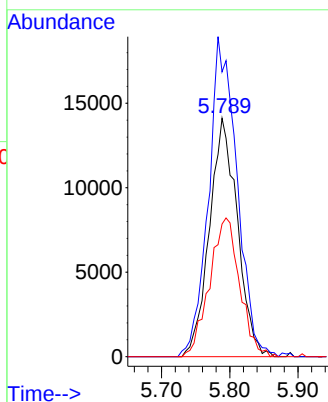
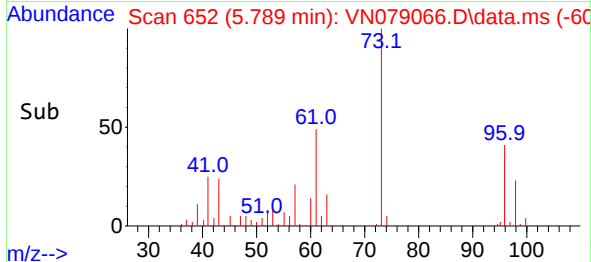


Tgt Ion: 96 Resp: 40299
Ion Ratio Lower Upper
96 100
61 119.5 90.1 135.1
98 55.7 46.4 69.6

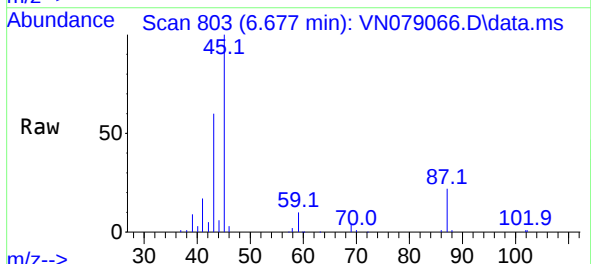
Manual Integrations

APPROVED

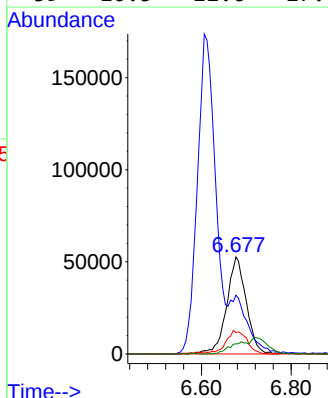
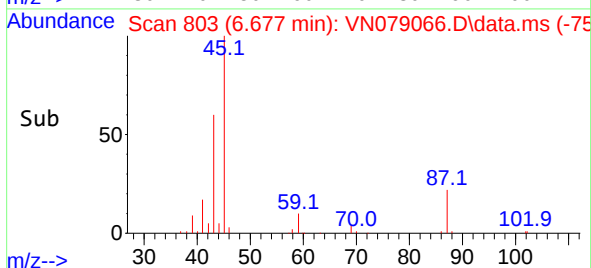
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

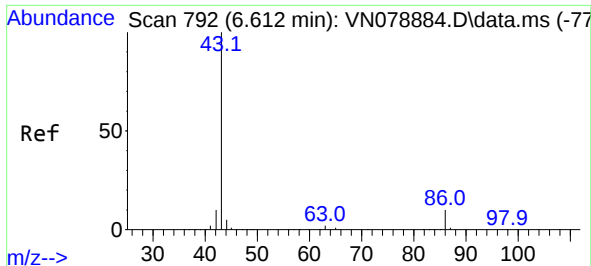


#22
Diisopropyl ether
Concen: 19.669 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54



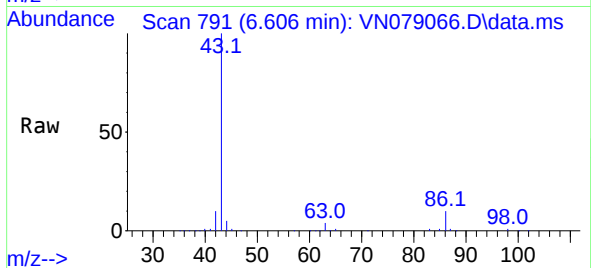
Tgt Ion: 45 Resp: 159952
Ion Ratio Lower Upper
45 100
43 59.3 45.5 68.3
87 22.0 31.8 47.8#
59 10.5 11.6 17.4#





#23
 Vinyl Acetate
 Concen: 91.762 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079066.D
 Acq: 28 Aug 2023 14:54

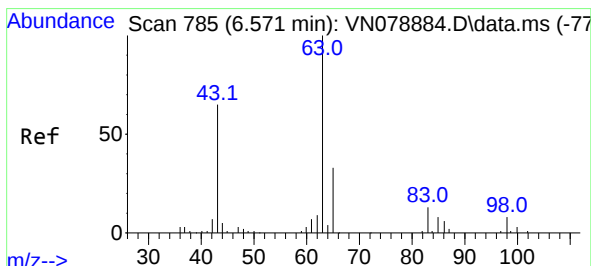
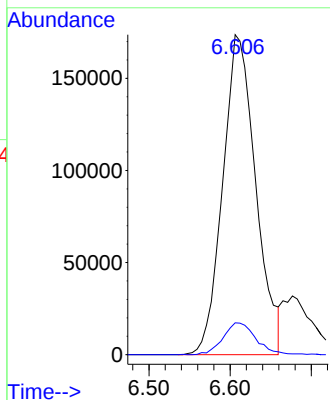
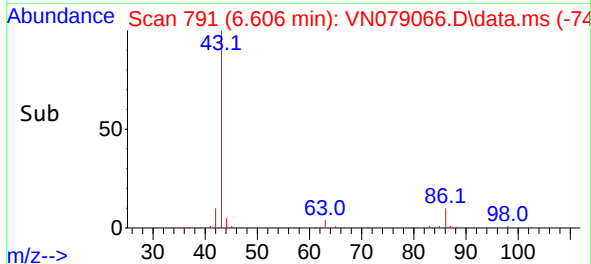
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD02



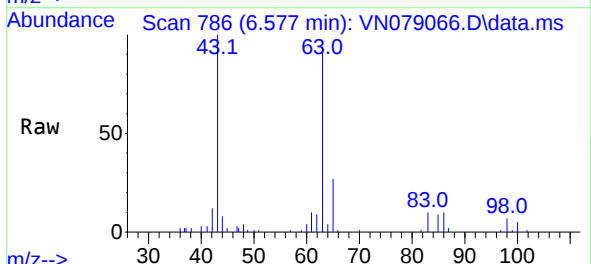
Tgt Ion: 43 Resp: 49135
 Ion Ratio Lower Upper
 43 100
 86 9.9 13.0 19.6

Manual Integrations
 APPROVED

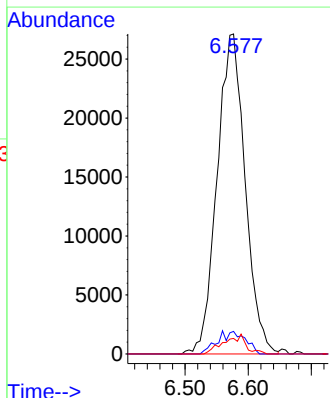
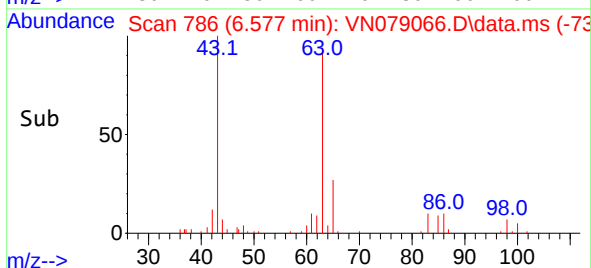
Reviewed By :John Carlone 08/29/2023
 Supervised By :Semsettin Yesilyurt 08/29/2023

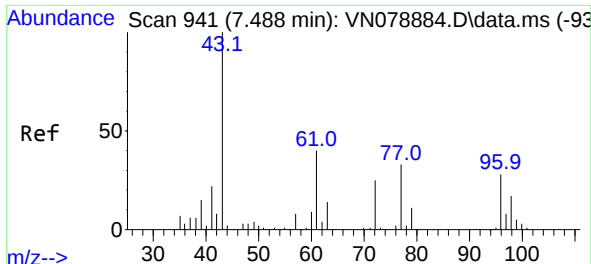


#24
 1,1-Dichloroethane
 Concen: 18.866 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079066.D
 Acq: 28 Aug 2023 14:54



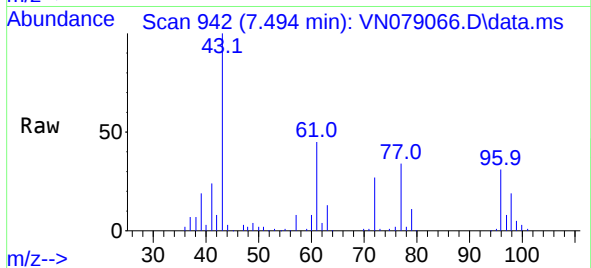
Tgt Ion: 63 Resp: 83816
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.9 2.5 7.4





#25
2-Butanone
Concen: 93.455 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

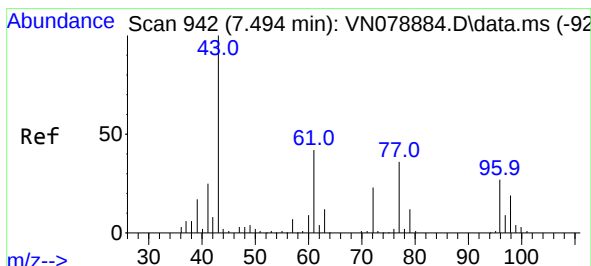
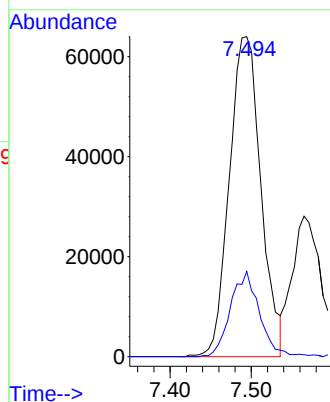
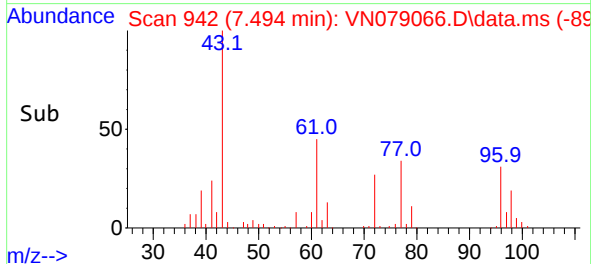
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02



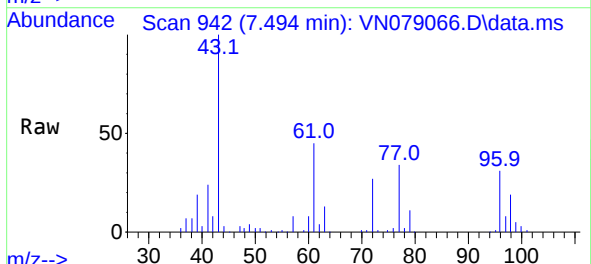
Tgt Ion: 43 Resp: 173075
Ion Ratio Lower Upper
43 100
72 26.7 30.2 45.2

Manual Integrations
APPROVED

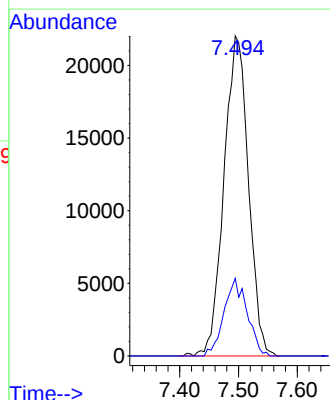
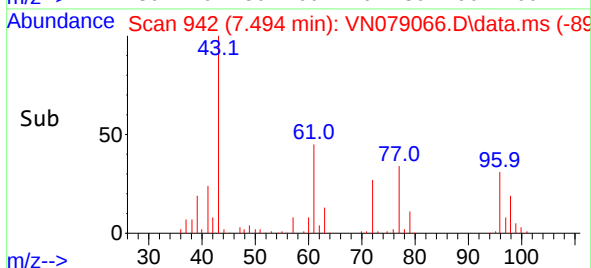
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

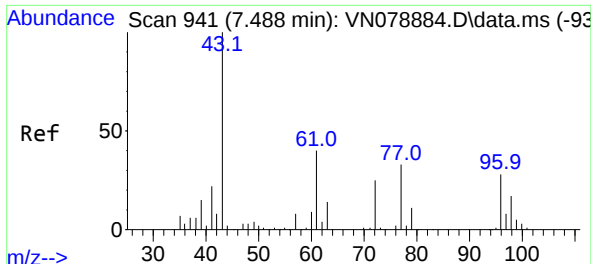


#26
2,2-Dichloropropane
Concen: 17.745 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54



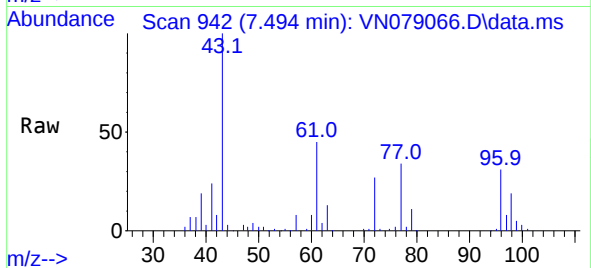
Tgt Ion: 77 Resp: 63723
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 18.954 ug/l
RT: 7.494 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

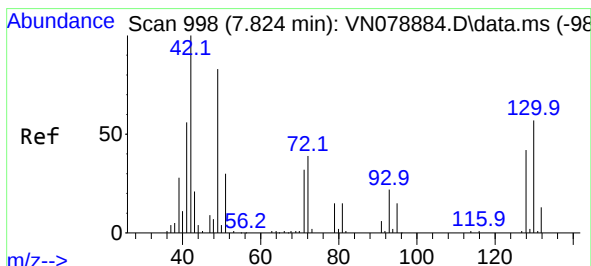
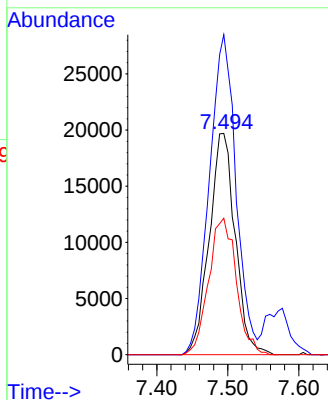
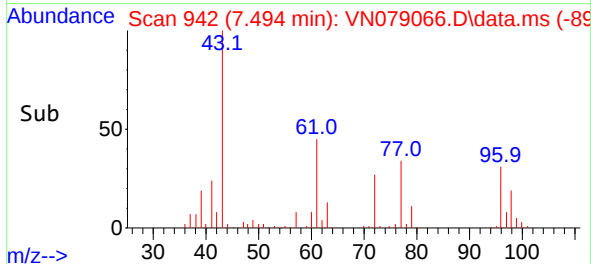
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02



Tgt Ion: 96 Resp: 4989
Ion Ratio Lower Upper
96 100
61 148.7 0.0 255.2
98 65.7 0.0 128.8

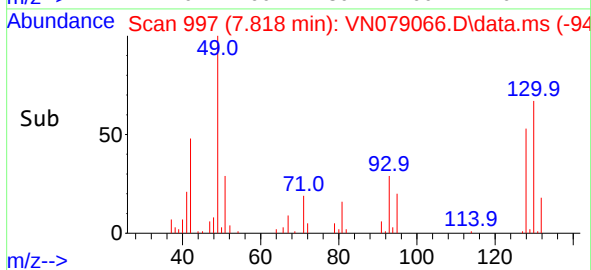
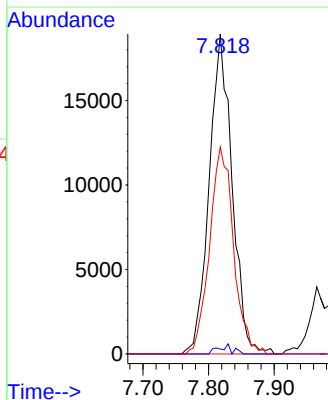
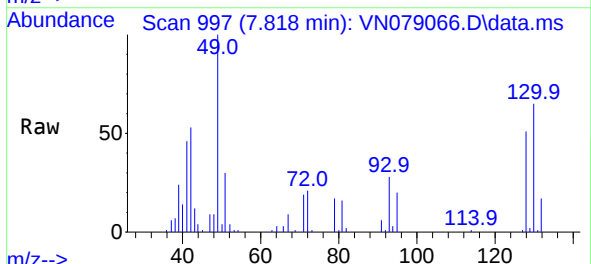
Manual Integrations
APPROVED

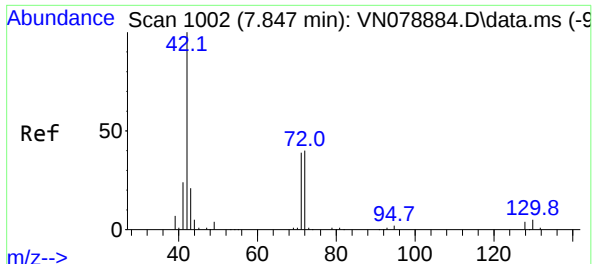
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#28
Bromochloromethane
Concen: 19.468 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

Tgt Ion: 49 Resp: 45880
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.8
130 67.5 75.3 112.9#





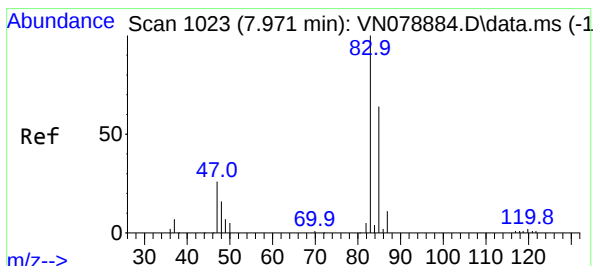
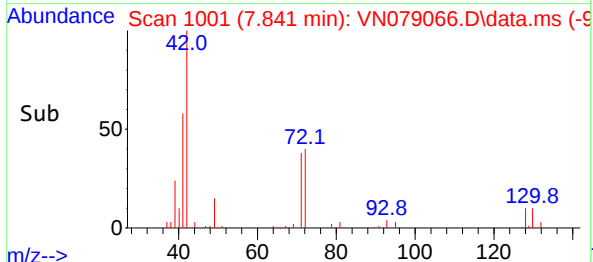
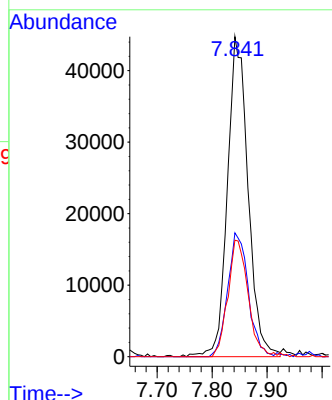
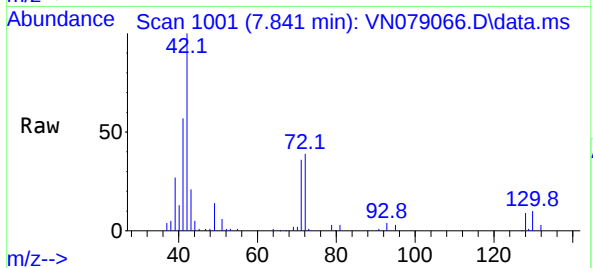
#29
Tetrahydrofuran
Concen: 95.283 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02

Tgt Ion: 42 Resp: 116799
Ion Ratio Lower Upper
42 100
72 38.5 49.8 74.6
71 36.0 47.4 71.2

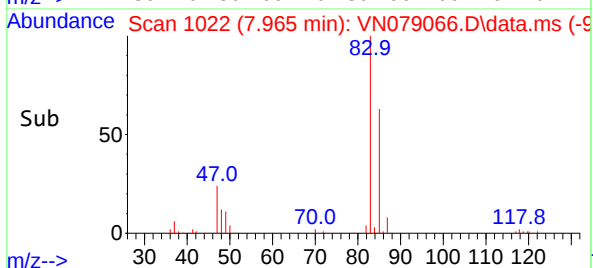
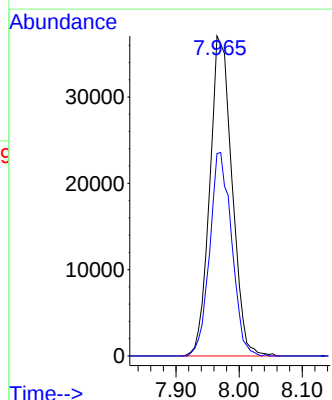
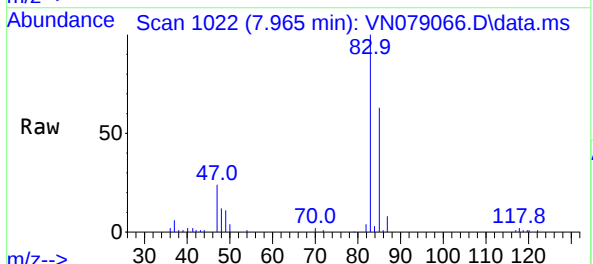
Manual Integrations
APPROVED

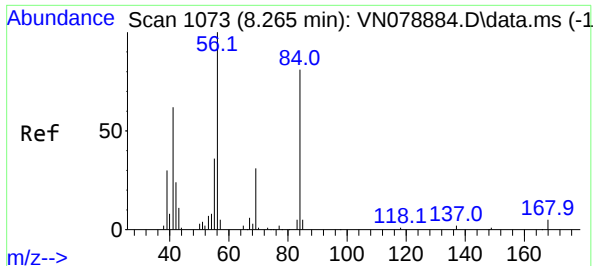
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#30
Chloroform
Concen: 20.471 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.012 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

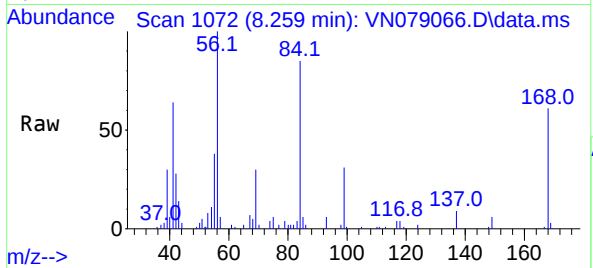
Tgt Ion: 83 Resp: 90861
Ion Ratio Lower Upper
83 100
85 63.2 55.4 83.0





#31
Cyclohexane
Concen: 16.318 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

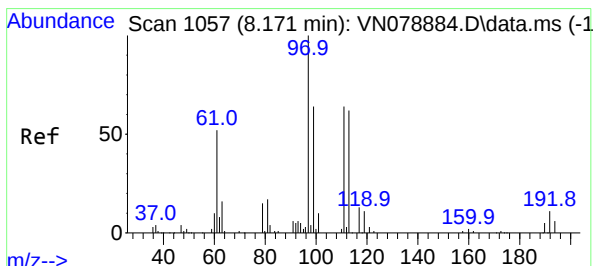
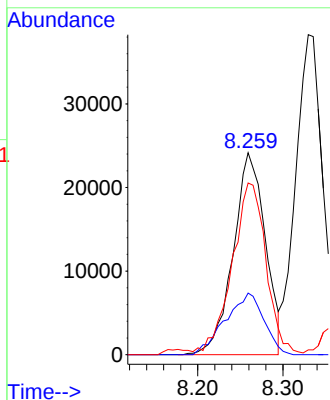
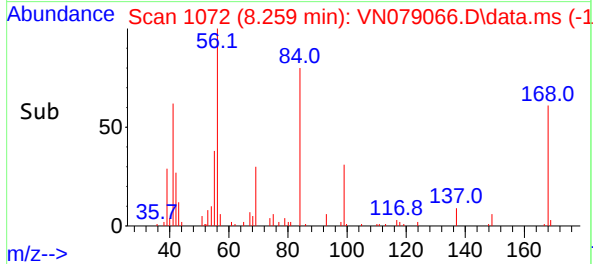
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02



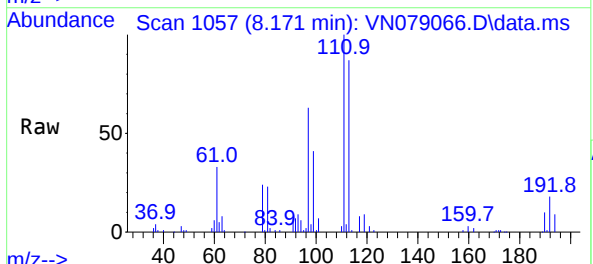
Tgt Ion: 56 Resp: 6318
Ion Ratio Lower Upper
56 100
69 30.5 26.8 40.2
84 82.4 81.8 122.6

Manual Integrations
APPROVED

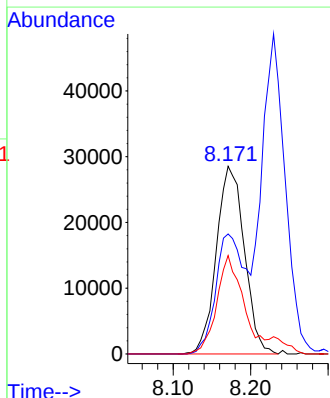
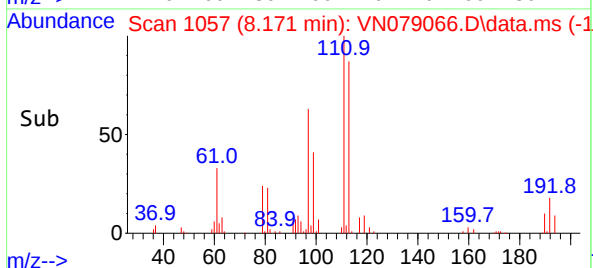
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

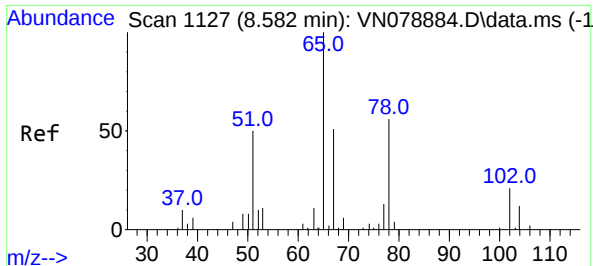


#32
1,1,1-Trichloroethane
Concen: 18.952 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54



Tgt Ion: 97 Resp: 71725
Ion Ratio Lower Upper
97 100
99 68.2 50.3 75.5
61 51.1 34.7 52.1





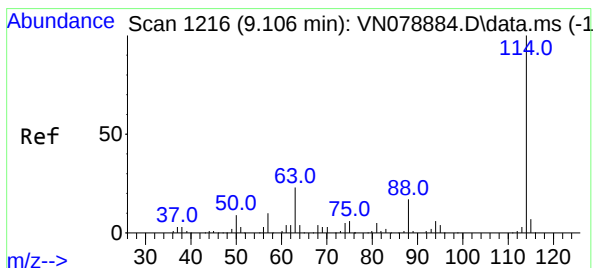
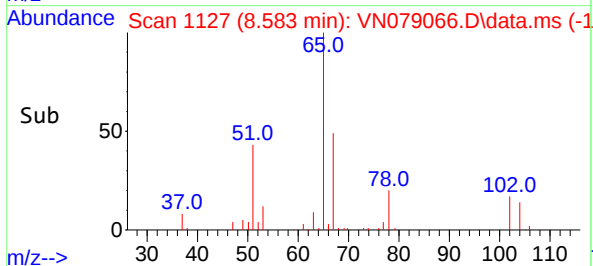
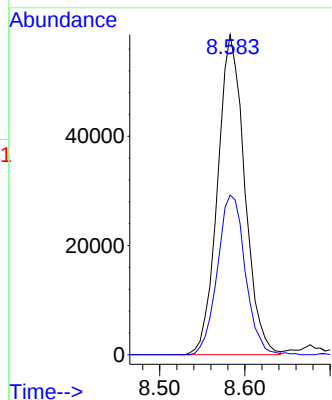
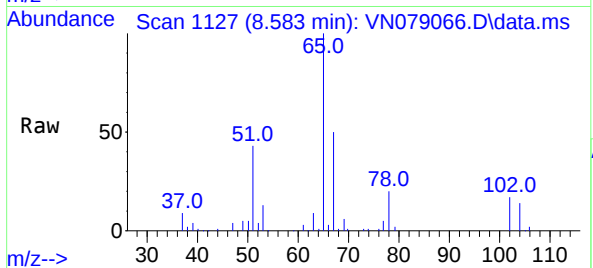
#33
1,2-Dichloroethane-d4
Concen: 46.196 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02

Tgt Ion: 65 Resp: 129320
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.6

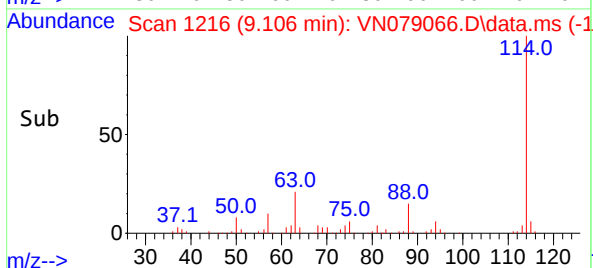
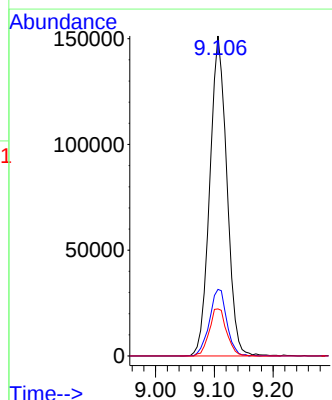
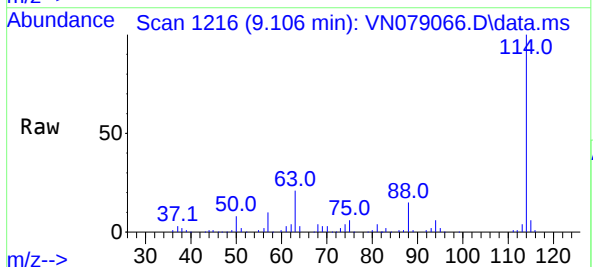
Manual Integrations
APPROVED

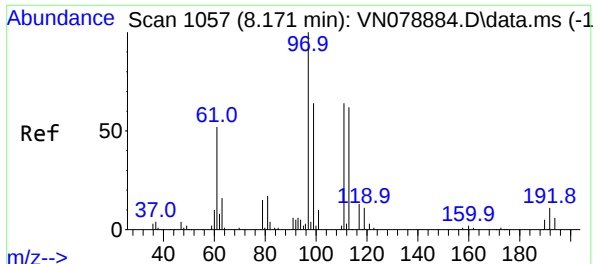
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

Tgt Ion:114 Resp: 305415
Ion Ratio Lower Upper
114 100
63 20.8 0.0 36.4
88 14.7 0.0 30.6





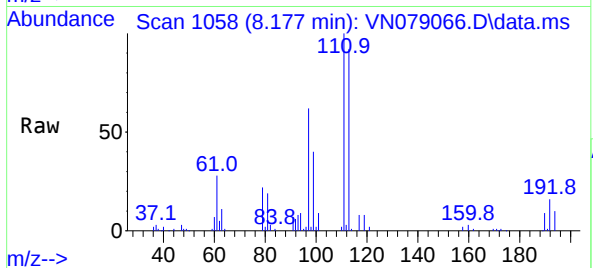
#35
Dibromofluoromethane
Concen: 48.723 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD02



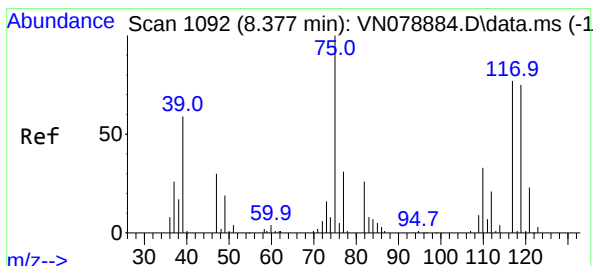
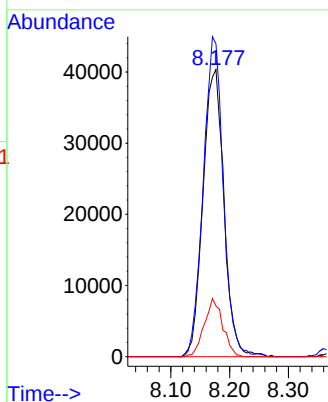
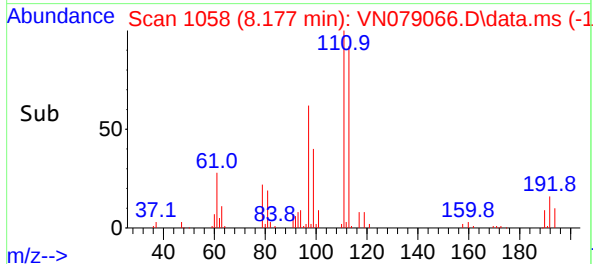
Tgt Ion: 113 Resp: 100169
Ion Ratio Lower Upper
113 100
111 106.2 82.6 123.8
192 17.9 12.7 19.1

Manual Integrations

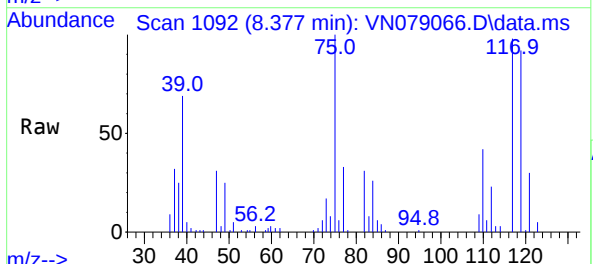
APPROVED

Reviewed By :John Carlone 08/29/2023

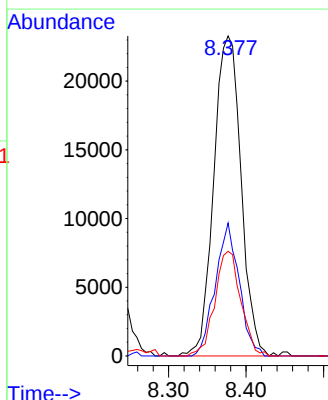
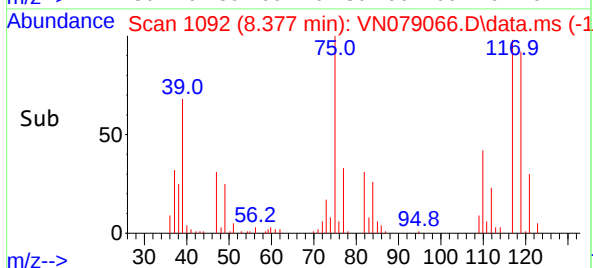
Supervised By :Semsettin Yesilyurt 08/29/2023

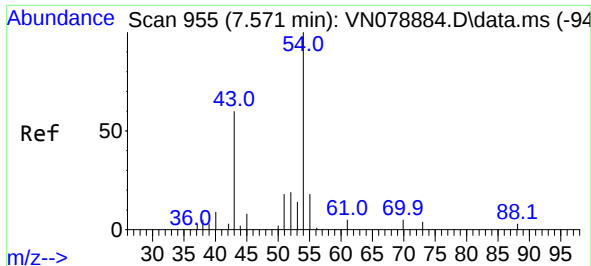


#36
1,1-Dichloropropene
Concen: 18.450 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54



Tgt Ion: 75 Resp: 57058
Ion Ratio Lower Upper
75 100
110 36.4 19.1 57.3
77 31.2 25.0 37.4





#37
Ethyl Acetate
Concen: 21.160 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

Instrument :

MSVOA_N

ClientSampleId :

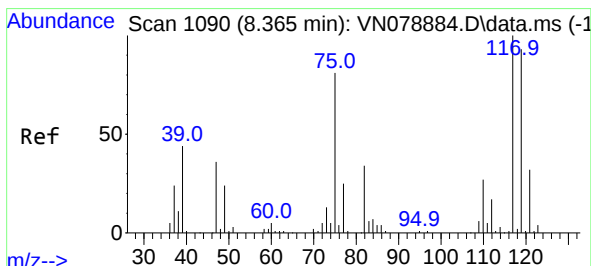
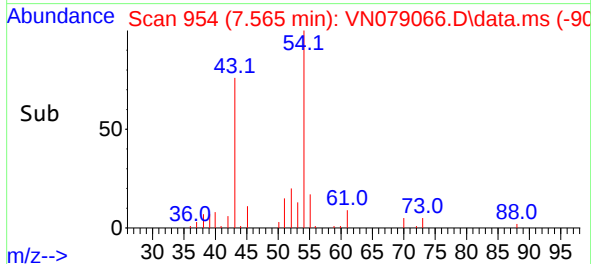
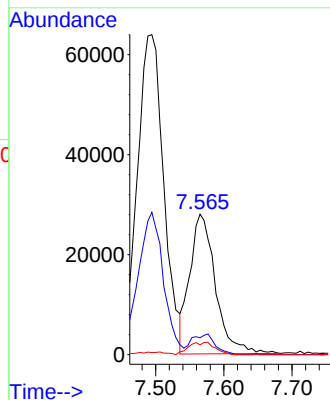
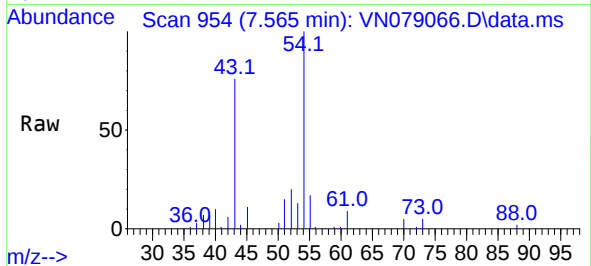
VN0828WBSD02

Tgt Ion: 43 Resp: 73210
Ion Ratio Lower Upper
43 100
61 13.3 13.2 19.8
70 9.0 11.3 16.9

Manual Integrations

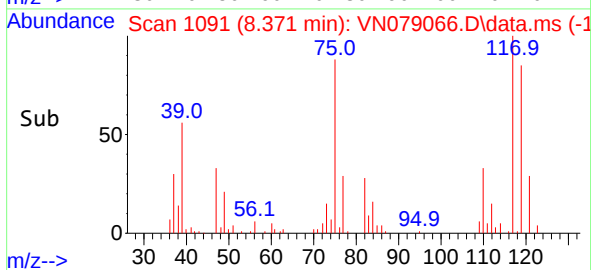
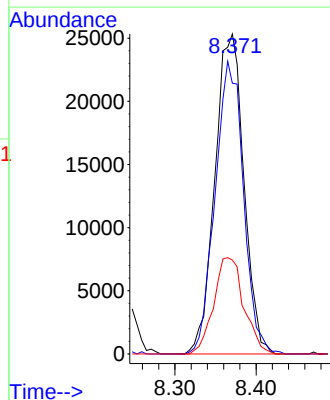
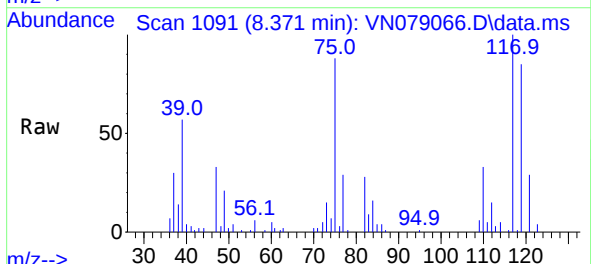
APPROVED

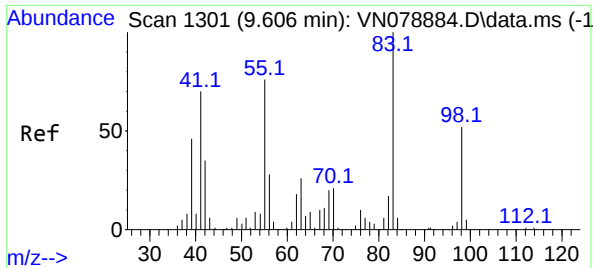
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#38
Carbon Tetrachloride
Concen: 20.246 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

Tgt Ion:117 Resp: 62736
Ion Ratio Lower Upper
117 100
119 84.6 77.3 115.9
121 29.3 23.3 34.9





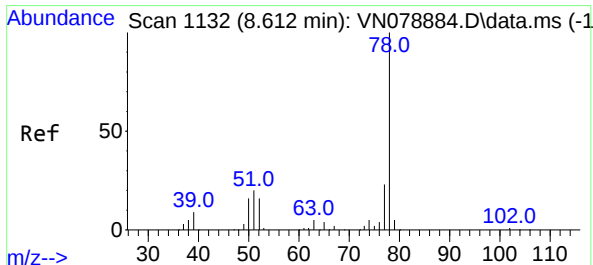
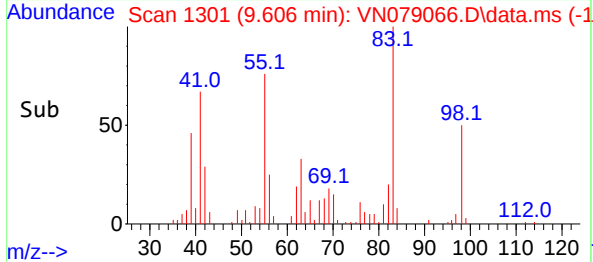
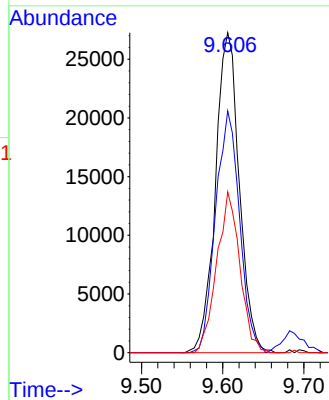
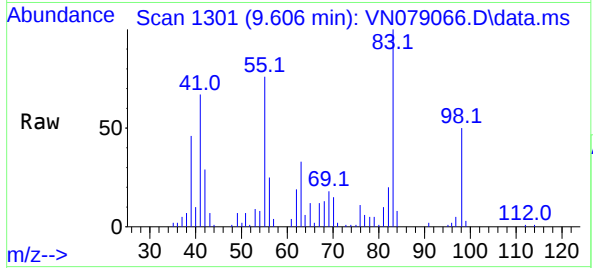
#39
Methylcyclohexane
Concen: 19.576 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02

Tgt Ion: 83 Resp: 55678
Ion Ratio Lower Upper
83 100
55 75.5 49.1 73.7
98 50.3 40.6 61.0

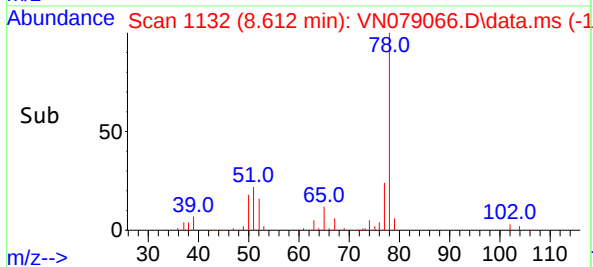
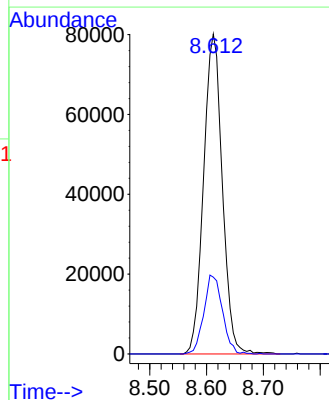
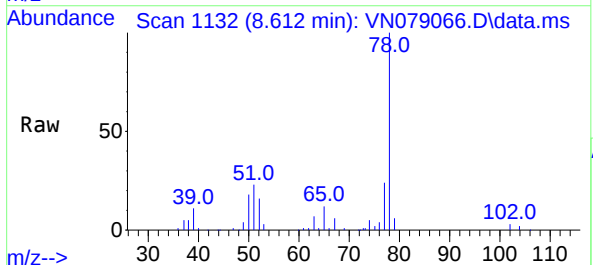
Manual Integrations
APPROVED

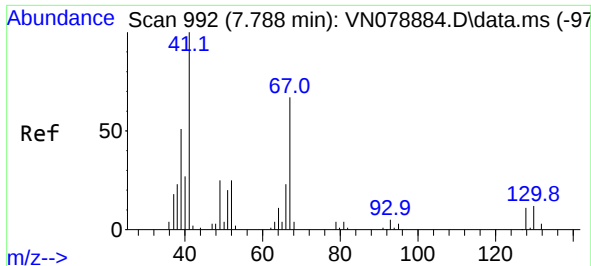
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#40
Benzene
Concen: 20.024 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

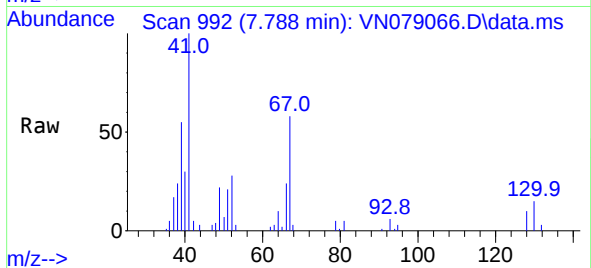
Tgt Ion: 78 Resp: 183039
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6





#41
Methacrylonitrile
Concen: 21.176 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02

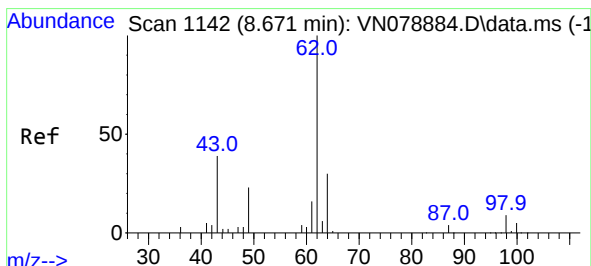
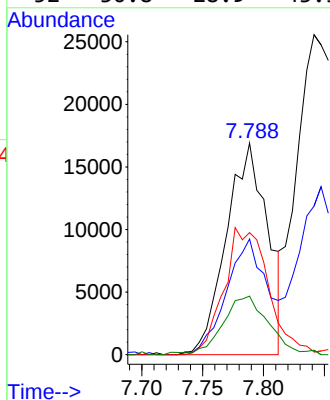
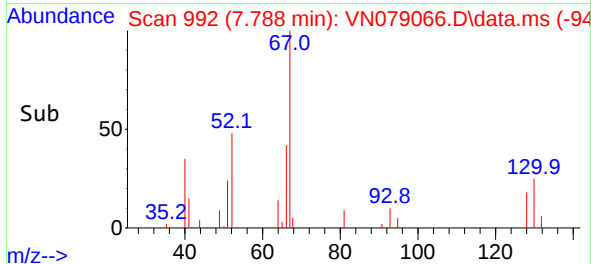


Tgt Ion: 41 Resp: 39900

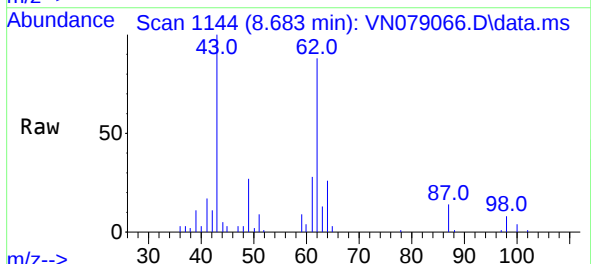
Ion	Ratio	Lower	Upper
41	100		
39	53.8	42.6	64.0
67	64.5	77.5	116.3
52	30.8	28.9	43.3

Manual Integrations
APPROVED

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

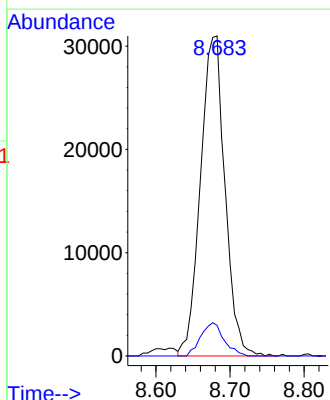
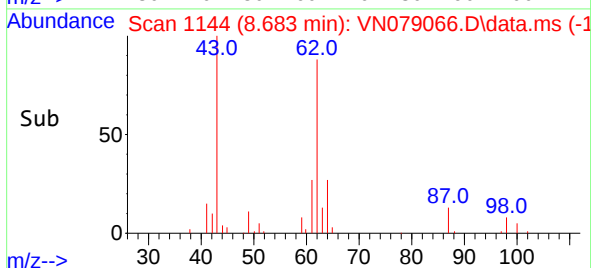


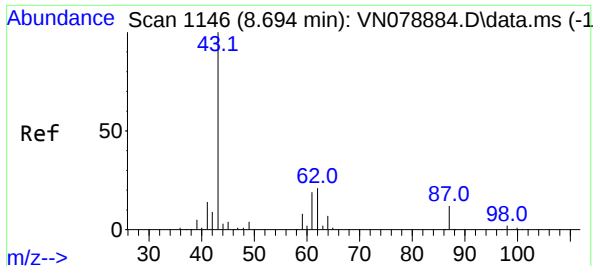
#42
1,2-Dichloroethane
Concen: 20.847 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54



Tgt Ion: 62 Resp: 71193

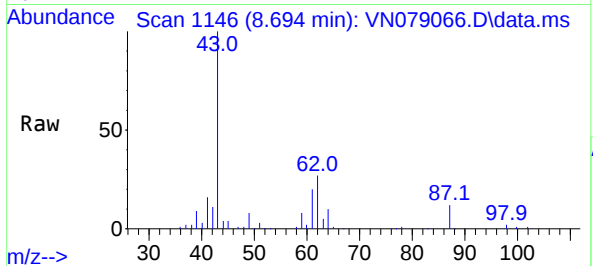
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.8





#43
Isopropyl Acetate
Concen: 19.420 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

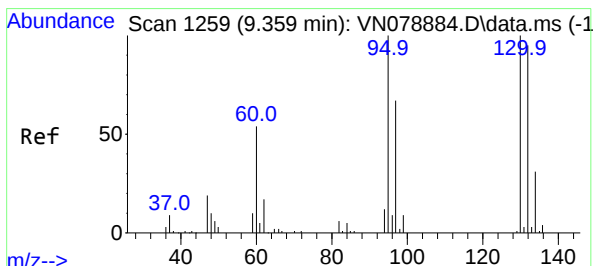
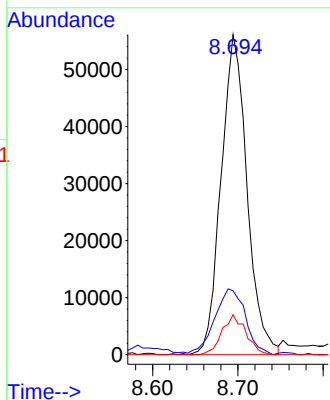
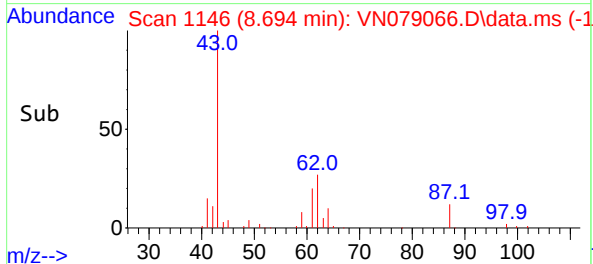
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02



Tgt Ion: 43 Resp: 11877
Ion Ratio Lower Upper
43 100
61 24.6 24.7 37.1
87 11.4 14.6 21.8

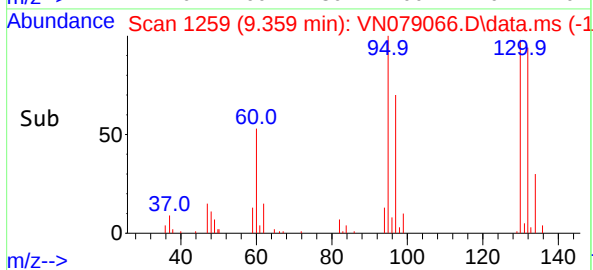
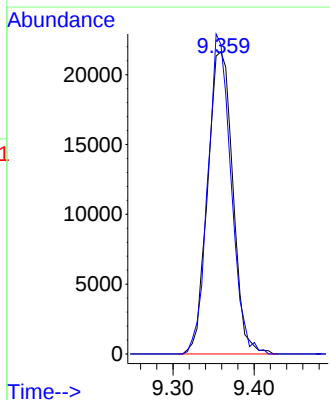
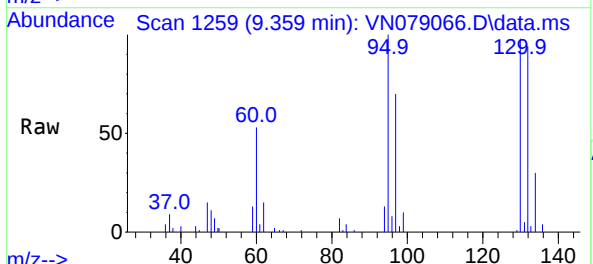
Manual Integrations
APPROVED

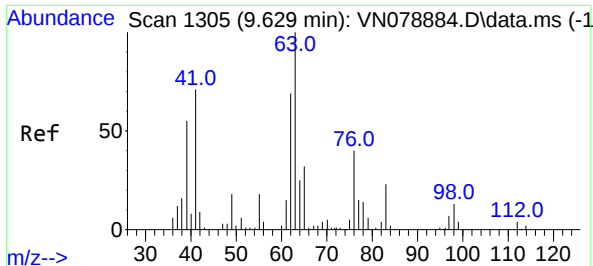
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#44
Trichloroethene
Concen: 21.485 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

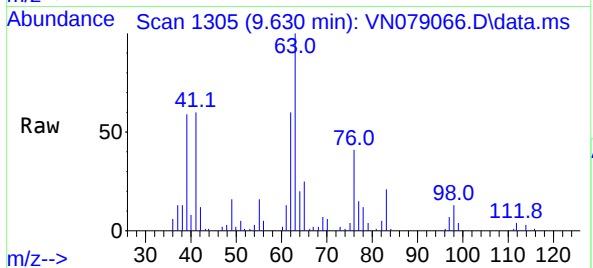
Tgt Ion:130 Resp: 46665
Ion Ratio Lower Upper
130 100
95 102.4 0.0 204.6





#45
1,2-Dichloropropane
Concen: 22.262 ug/l
RT: 9.630 min Scan# 1305
Delta R.T. 0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

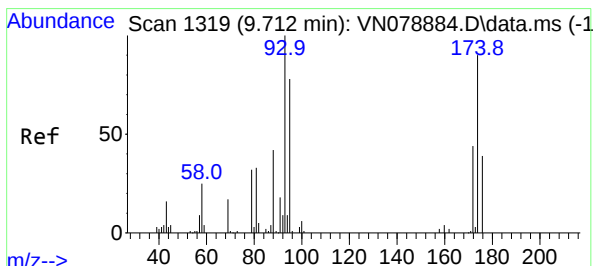
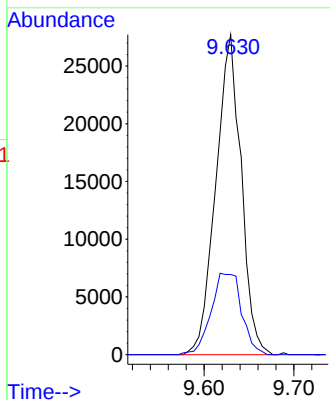
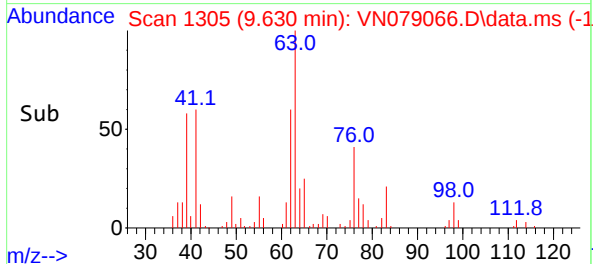
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02



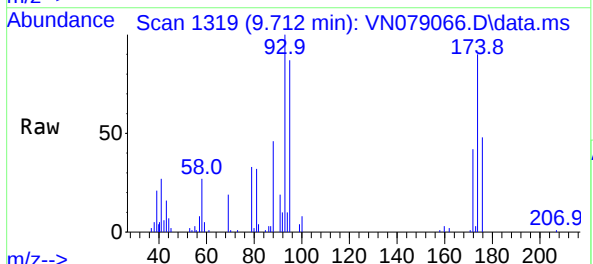
Tgt Ion: 63 Resp: 54179
Ion Ratio Lower Upper
63 100
65 25.1 23.9 35.9

Manual Integrations
APPROVED

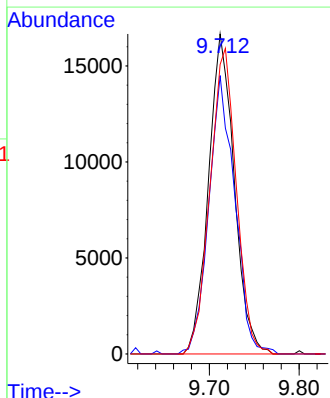
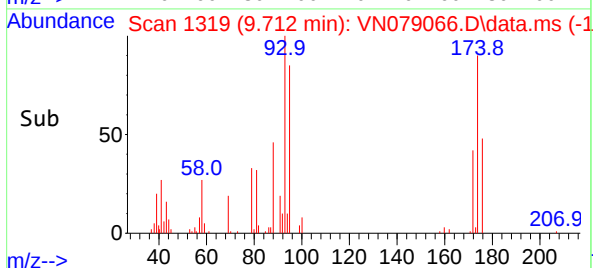
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

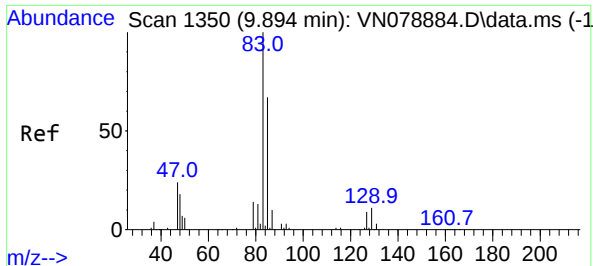


#46
Dibromomethane
Concen: 19.882 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54



Tgt Ion: 93 Resp: 33189
Ion Ratio Lower Upper
93 100
95 87.6 63.8 95.8
174 98.0 65.6 98.4





#47
Bromodichloromethane
Concen: 21.155 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

Instrument :

MSVOA_N

ClientSampleId :

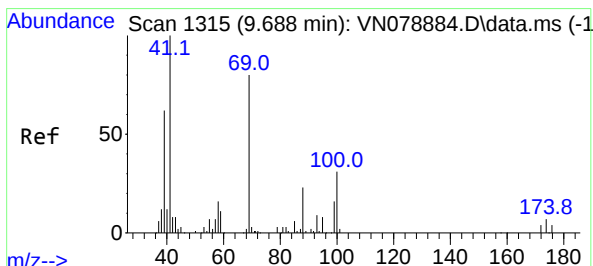
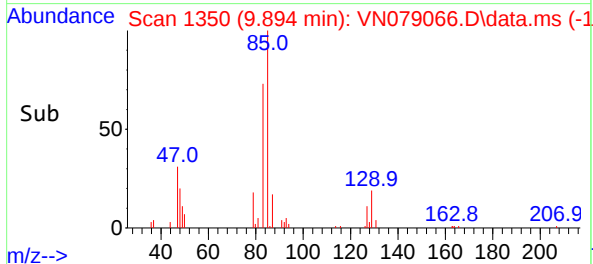
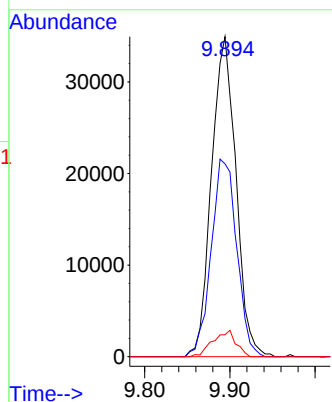
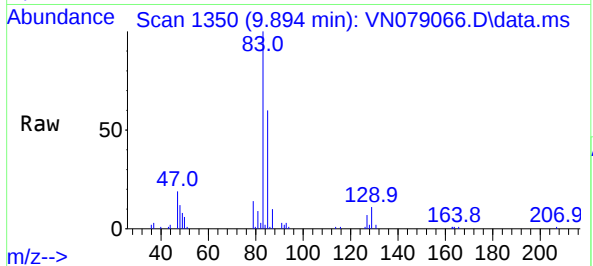
VN0828WBSD02

Tgt Ion: 83 Resp: 6973
Ion Ratio Lower Upper
83 100
85 60.3 49.6 74.4
127 6.9 7.0 10.6

Manual Integrations

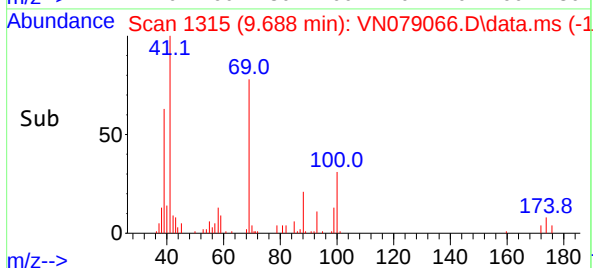
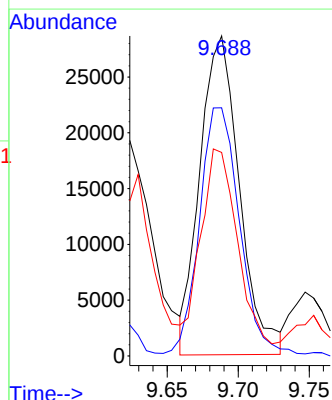
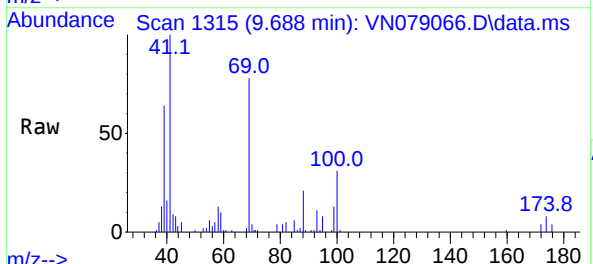
APPROVED

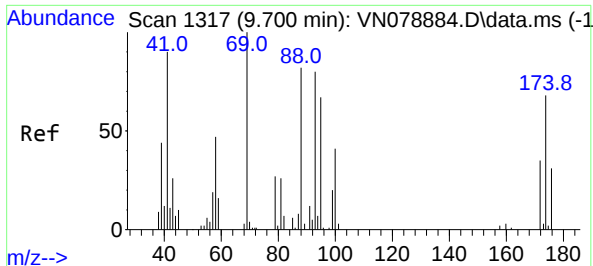
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#48
Methyl methacrylate
Concen: 19.971 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

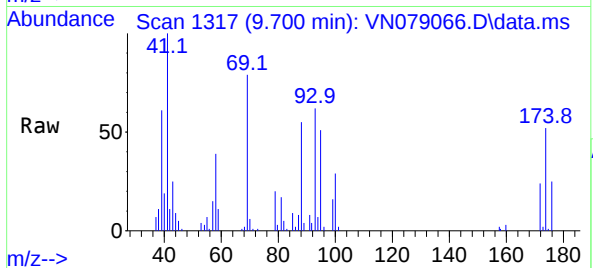
Tgt Ion: 41 Resp: 55348
Ion Ratio Lower Upper
41 100
69 77.9 90.4 135.6
39 61.4 54.6 81.8





#49
1,4-Dioxane
Concen: 420.720 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

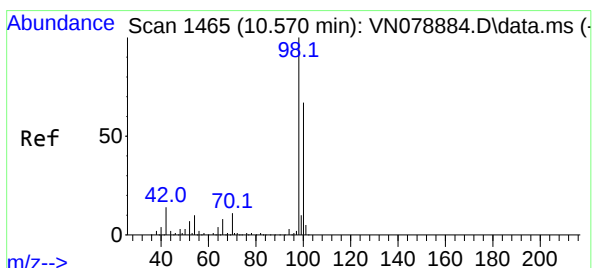
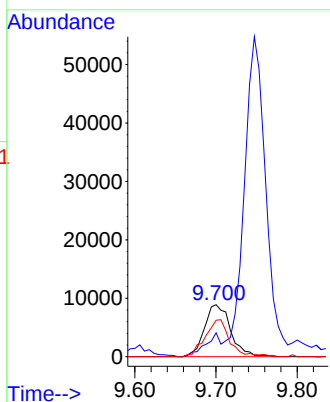
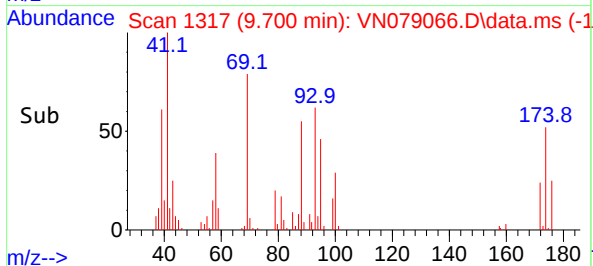
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02



Tgt Ion: 88 Resp: 19860
Ion Ratio Lower Upper
88 100
43 26.1 17.0 25.6
58 67.6 47.0 70.4

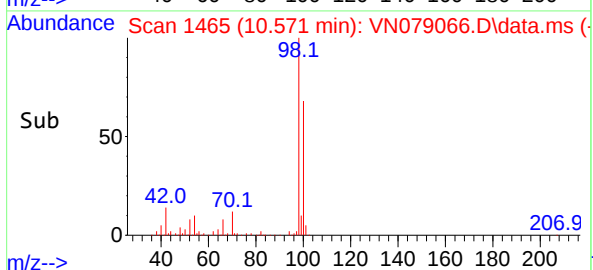
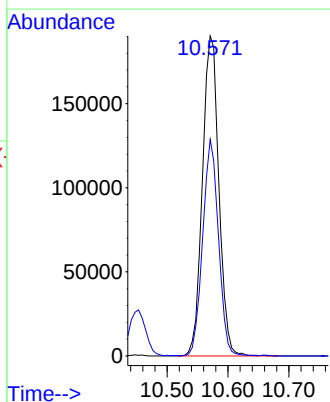
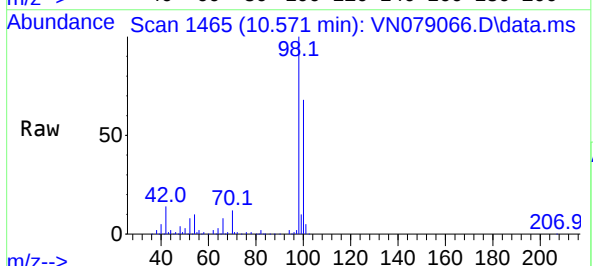
Manual Integrations
APPROVED

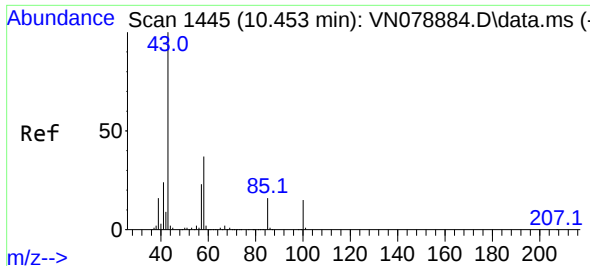
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#50
Toluene-d8
Concen: 46.653 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

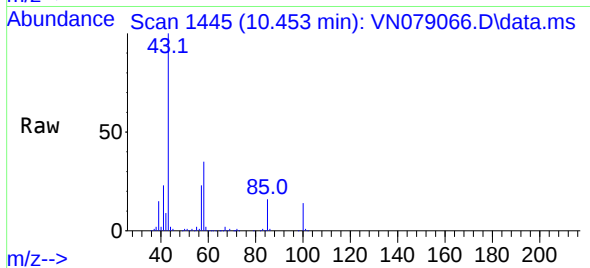
Tgt Ion: 98 Resp: 356133
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 103.276 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

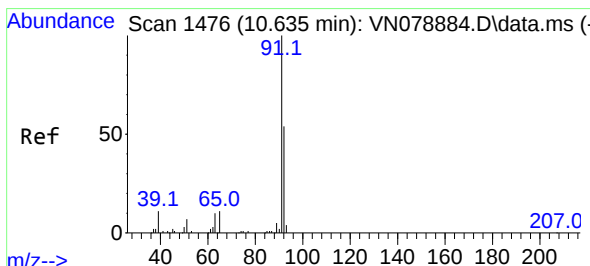
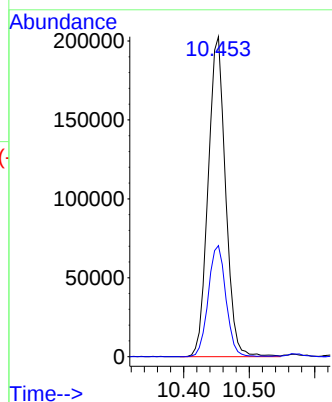
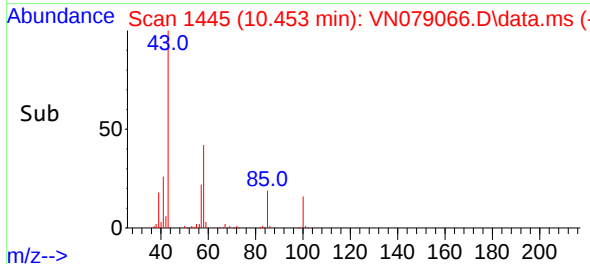
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02



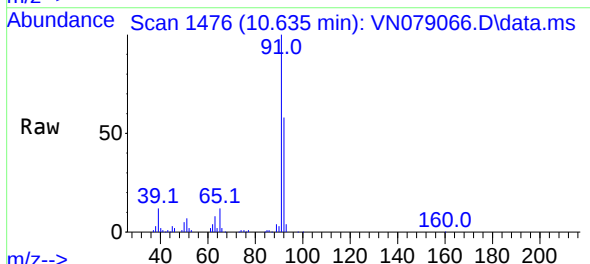
Tgt Ion: 43 Resp: 374614
Ion Ratio Lower Upper
43 100
58 35.1 36.6 54.8

Manual Integrations
APPROVED

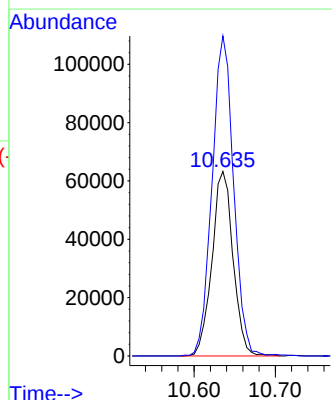
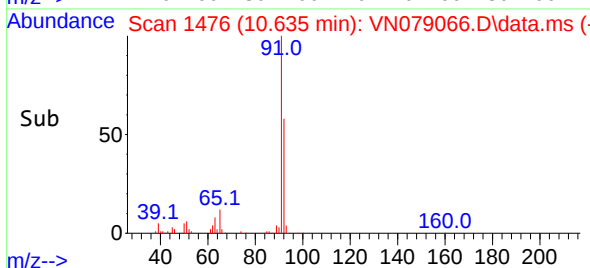
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

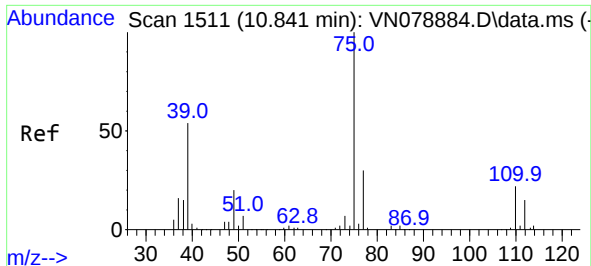


#52
Toluene
Concen: 20.333 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54



Tgt Ion: 92 Resp: 114116
Ion Ratio Lower Upper
92 100
91 176.8 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 20.716 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

Instrument :

MSVOA_N

ClientSampleId :

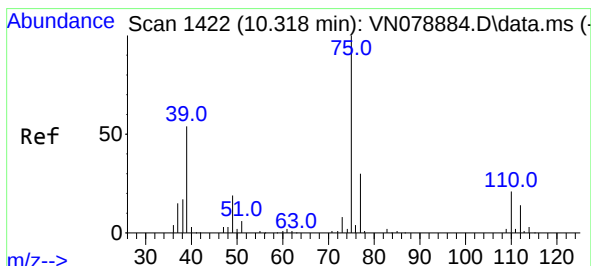
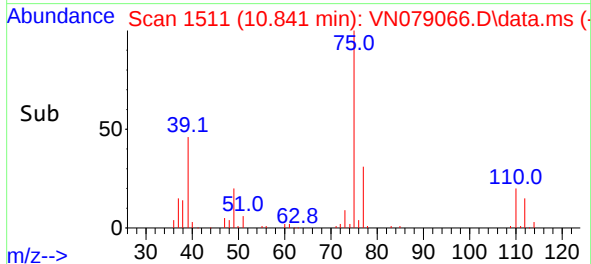
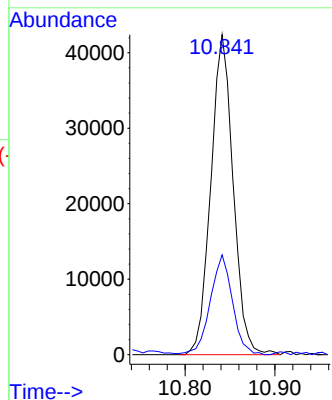
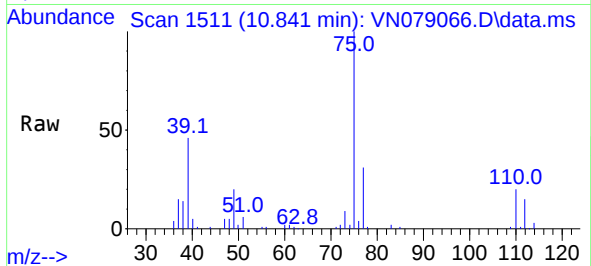
VN0828WBSD02

Tgt Ion: 75 Resp: 73228
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0

Manual Integrations

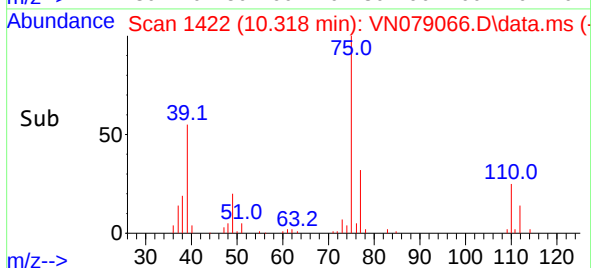
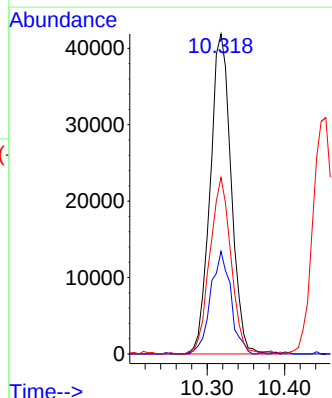
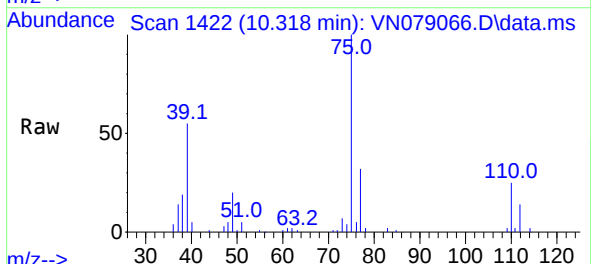
APPROVED

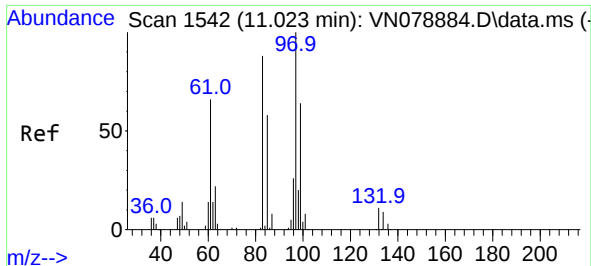
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#54
cis-1,3-Dichloropropene
Concen: 20.467 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

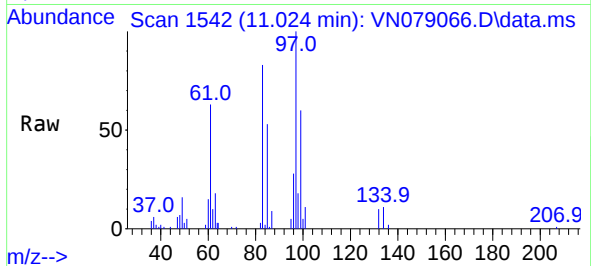
Tgt Ion: 75 Resp: 78794
Ion Ratio Lower Upper
75 100
77 32.1 26.1 39.1
39 55.1 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 21.561 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02

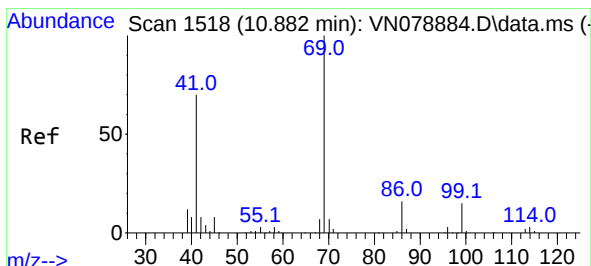
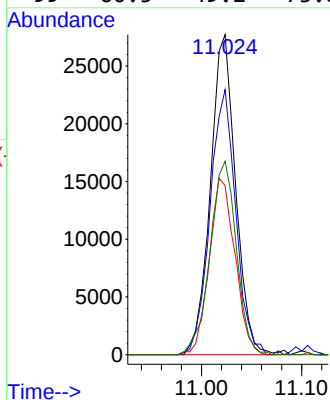
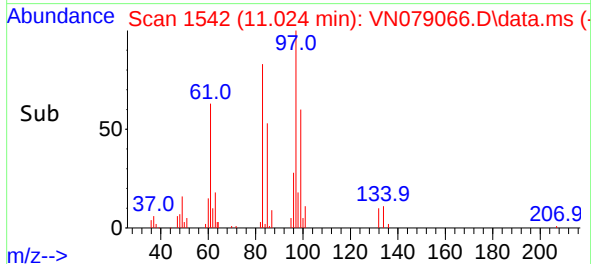


Tgt Ion: 97 Resp: 48518

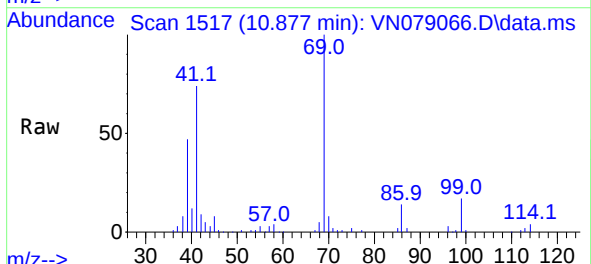
Ion	Ratio	Lower	Upper
97	100		
83	82.8	65.1	97.7
85	52.8	43.4	65.2
99	60.5	49.2	73.8

Manual Integrations
APPROVED

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

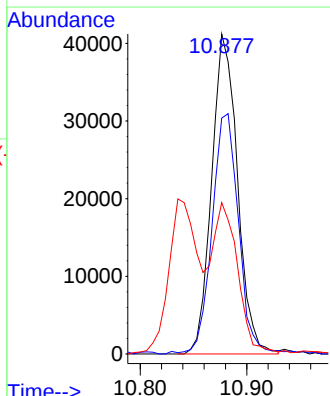
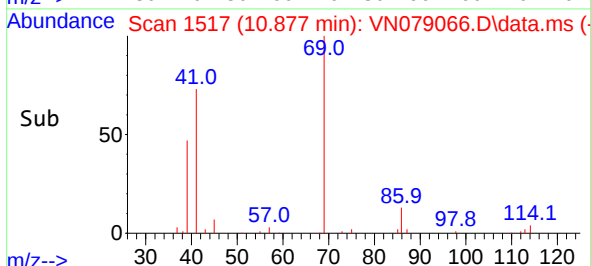


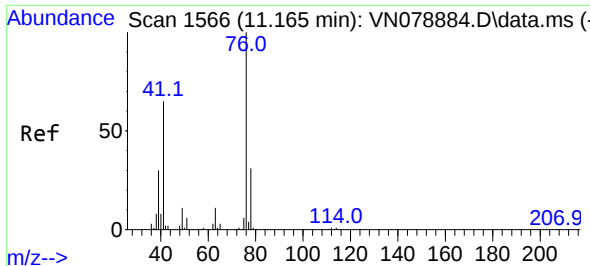
#56
Ethyl methacrylate
Concen: 19.862 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54



Tgt Ion: 69 Resp: 69284

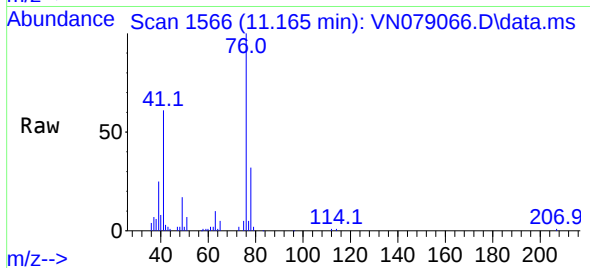
Ion	Ratio	Lower	Upper
69	100		
41	77.8	39.6	59.4#
39	47.5	28.6	43.0#





#57
1,3-Dichloropropane
Concen: 21.505 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

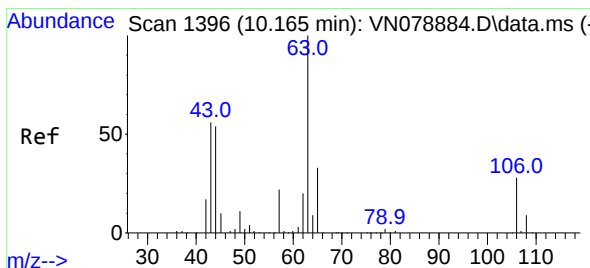
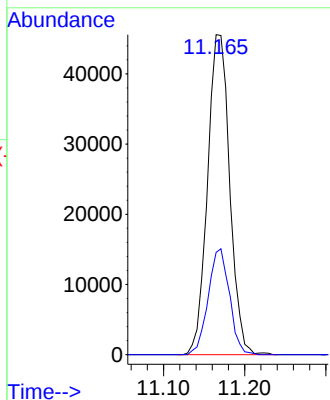
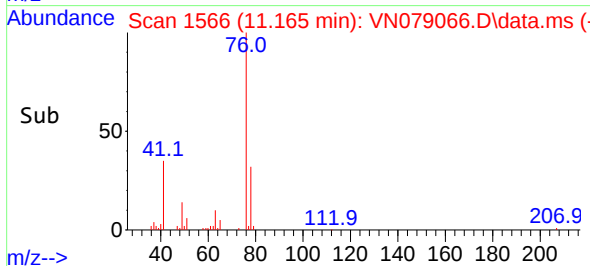
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02



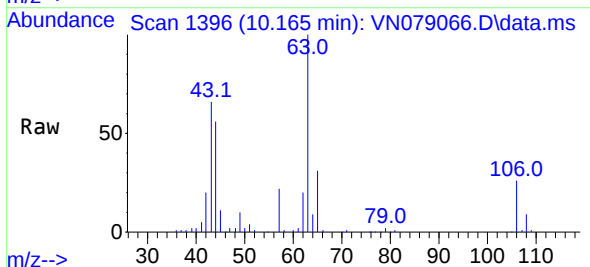
Tgt Ion: 76 Resp: 8655
Ion Ratio Lower Upper
76 100
78 31.7 26.1 39.1

Manual Integrations
APPROVED

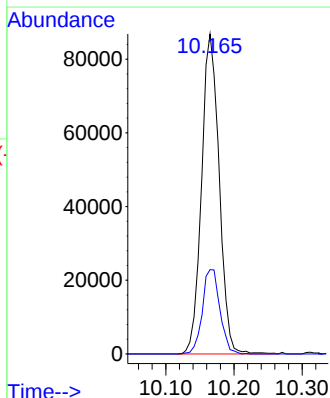
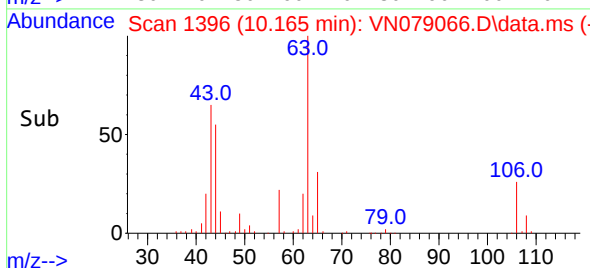
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

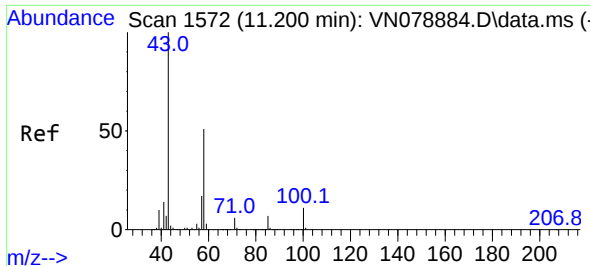


#58
2-Chloroethyl Vinyl ether
Concen: 93.265 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54



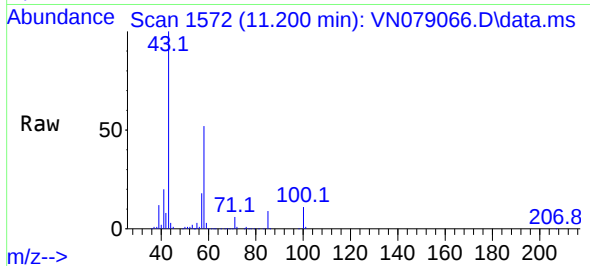
Tgt Ion: 63 Resp: 156167
Ion Ratio Lower Upper
63 100
106 26.3 26.2 39.4





#59
2-Hexanone
Concen: 98.750 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

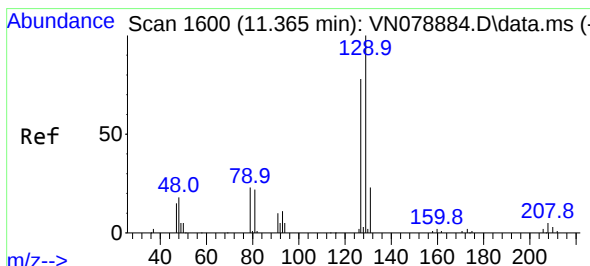
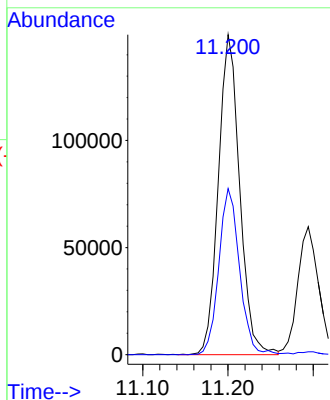
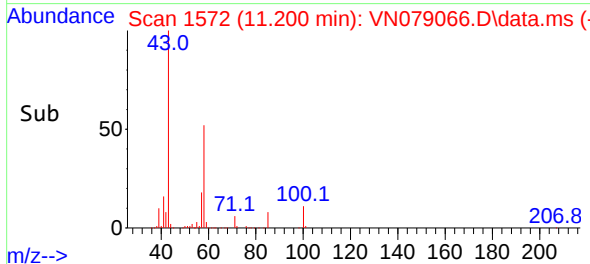
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02



Tgt Ion: 43 Resp: 25944
Ion Ratio Lower Upper
43 100
58 50.5 31.7 95.1

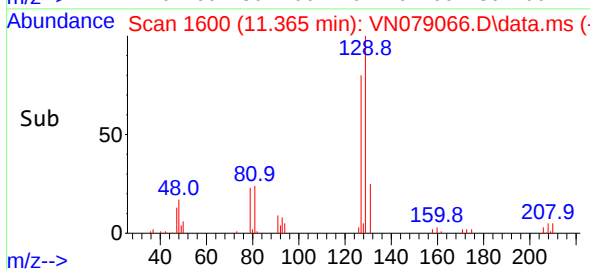
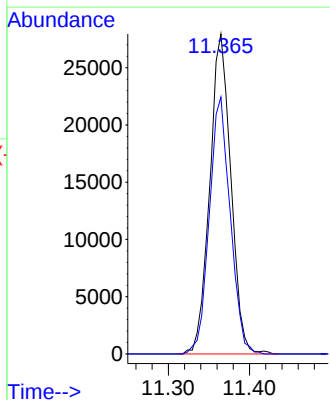
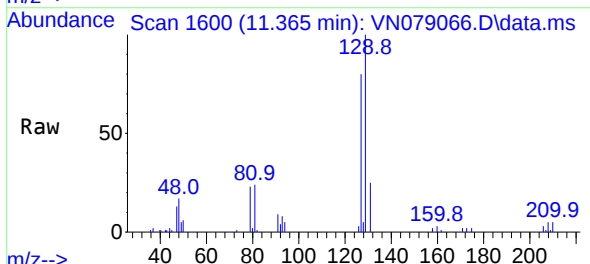
Manual Integrations
APPROVED

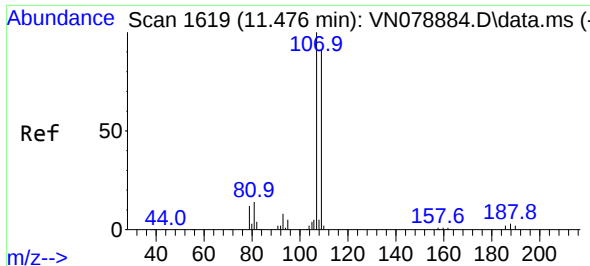
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#60
Dibromochloromethane
Concen: 21.288 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

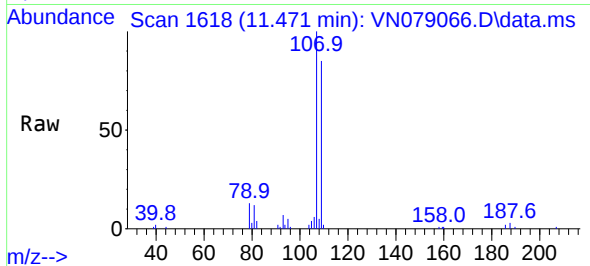
Tgt Ion:129 Resp: 50410
Ion Ratio Lower Upper
129 100
127 79.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 21.266 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.005 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

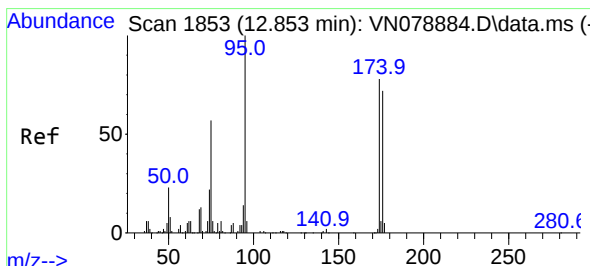
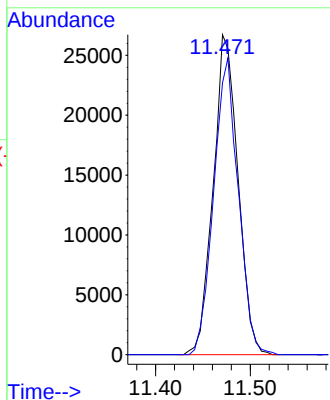
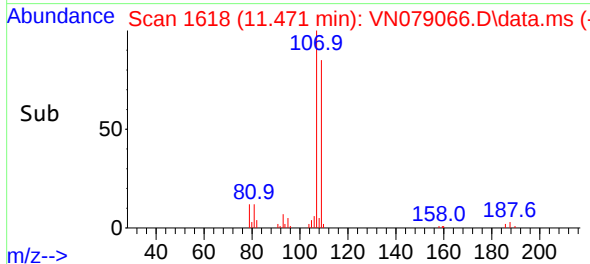
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02



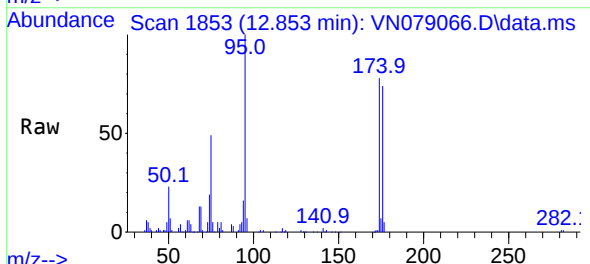
Tgt Ion:107 Resp: 48630
Ion Ratio Lower Upper
107 100
109 92.3 76.6 114.8

Manual Integrations
APPROVED

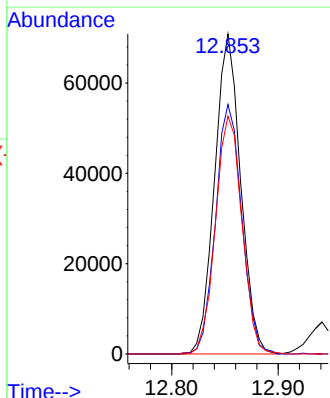
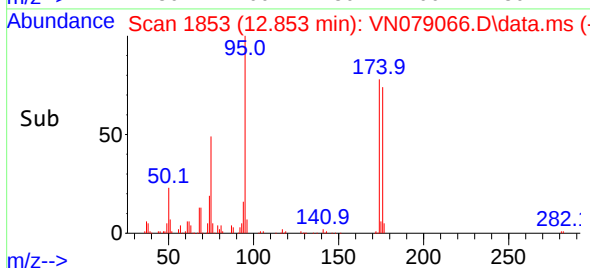
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

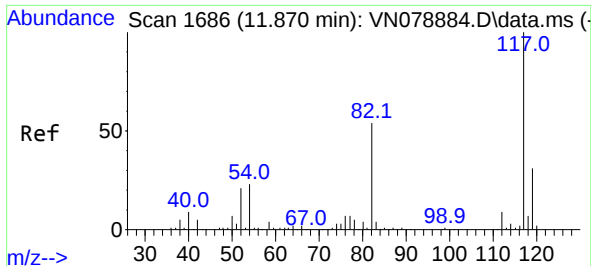


#62
4-Bromofluorobenzene
Concen: 48.135 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54



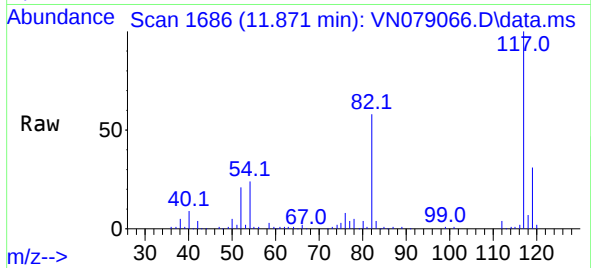
Tgt Ion: 95 Resp: 120105
Ion Ratio Lower Upper
95 100
174 78.5 0.0 143.8
176 75.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

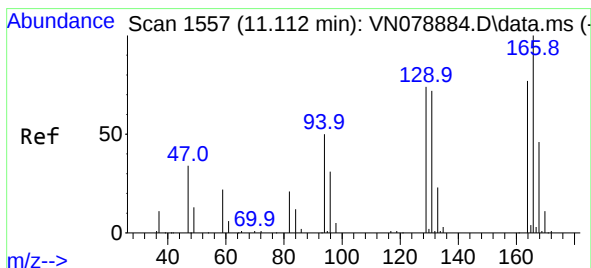
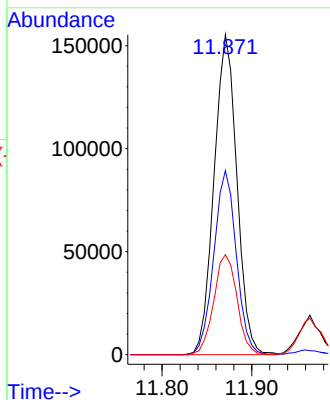
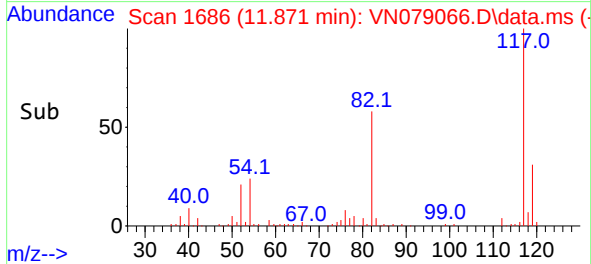
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02



Tgt Ion:117 Resp: 274409
Ion Ratio Lower Upper
117 100
82 57.5 44.0 66.0
119 31.3 25.6 38.4

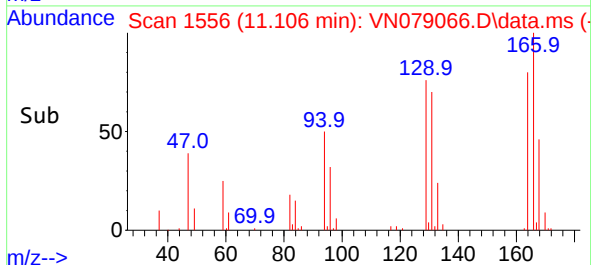
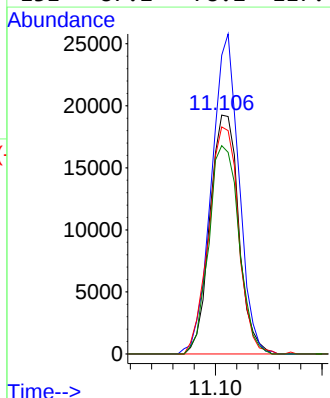
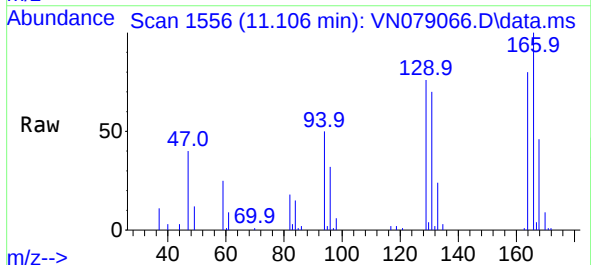
Manual Integrations
APPROVED

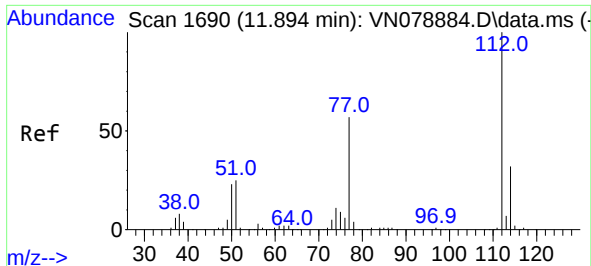
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#64
Tetrachloroethene
Concen: 20.967 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

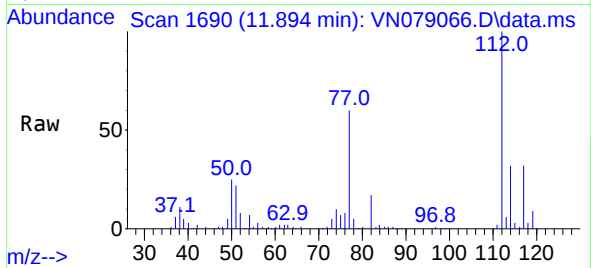
Tgt Ion:164 Resp: 36082
Ion Ratio Lower Upper
164 100
166 125.1 101.4 152.0
129 95.0 82.4 123.6
131 87.2 78.2 117.4





#65
Chlorobenzene
Concen: 20.509 ug/l
RT: 11.894 min Scan# 119800
Delta R.T. 0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

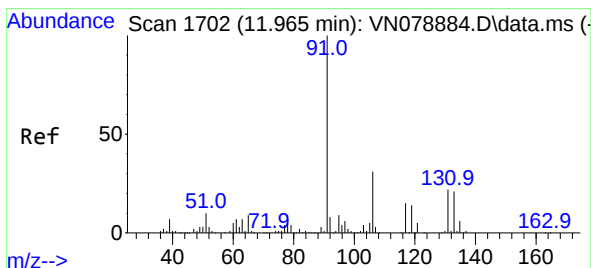
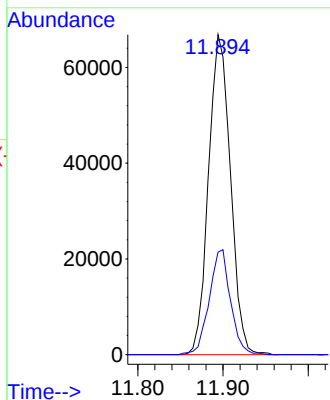
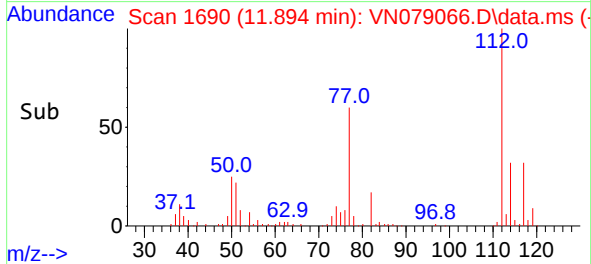
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02



Tgt Ion:112 Resp: 119800
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4

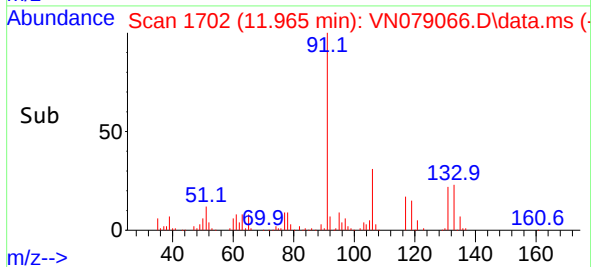
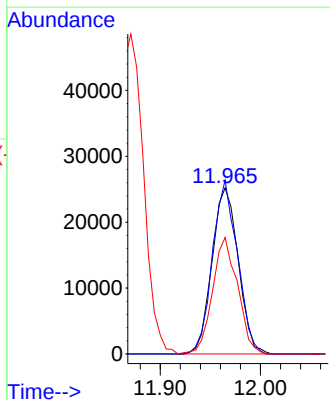
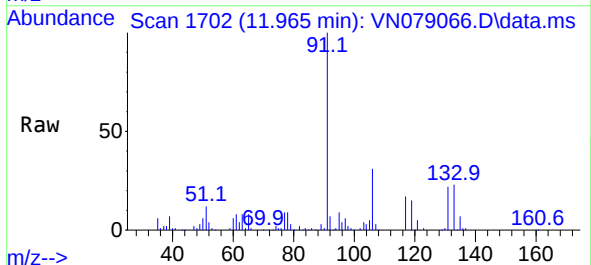
Manual Integrations
APPROVED

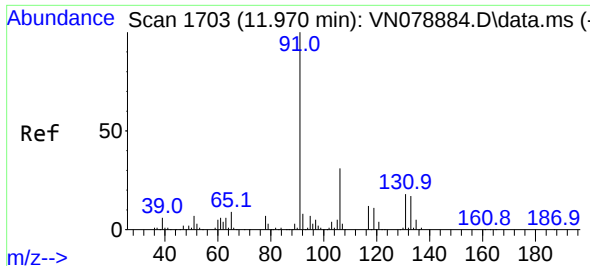
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.752 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

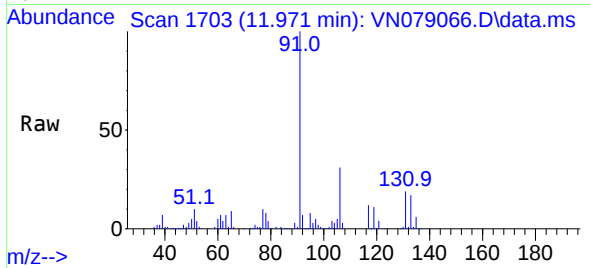
Tgt Ion:131 Resp: 45809
Ion Ratio Lower Upper
131 100
133 100.1 46.4 139.1
119 67.1 34.1 102.2





#67
Ethyl Benzene
Concen: 19.331 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

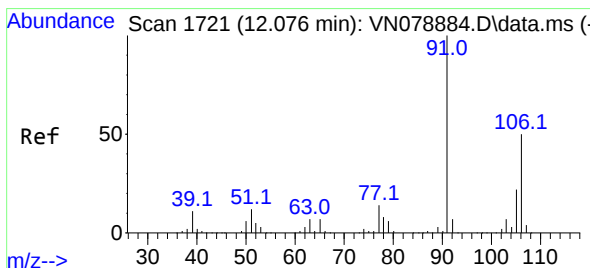
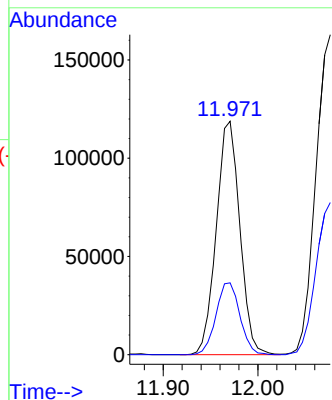
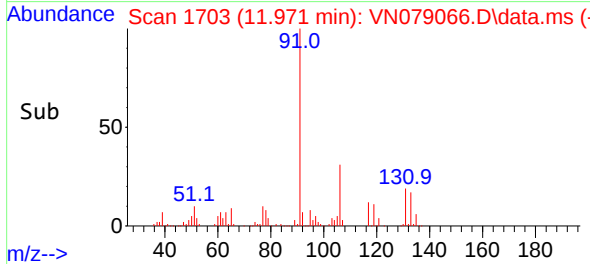
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02



Tgt Ion: 91 Resp: 20534
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4

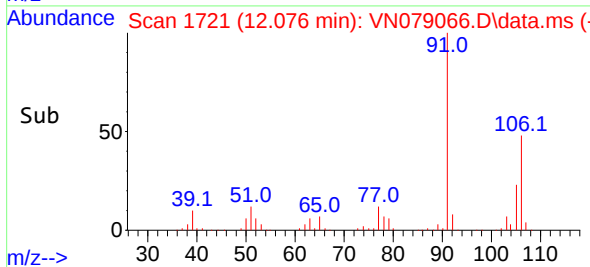
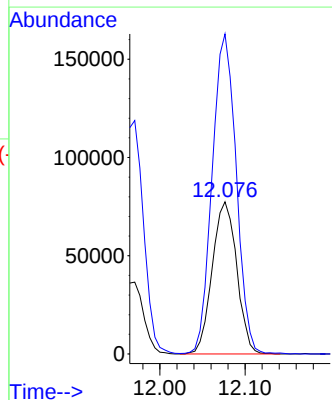
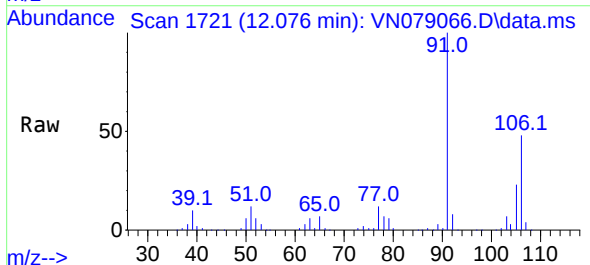
Manual Integrations
APPROVED

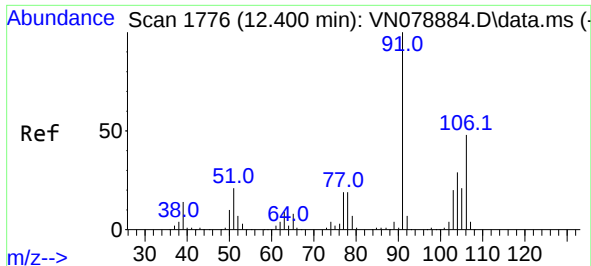
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#68
m/p-Xylenes
Concen: 38.936 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

Tgt Ion:106 Resp: 154634
Ion Ratio Lower Upper
106 100
91 206.8 159.6 239.4





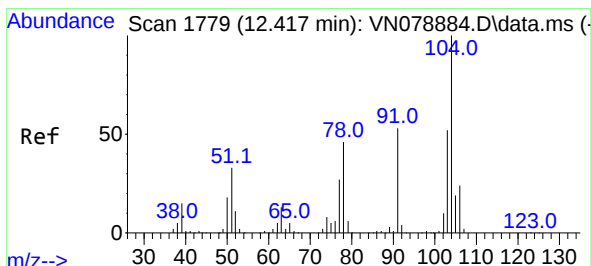
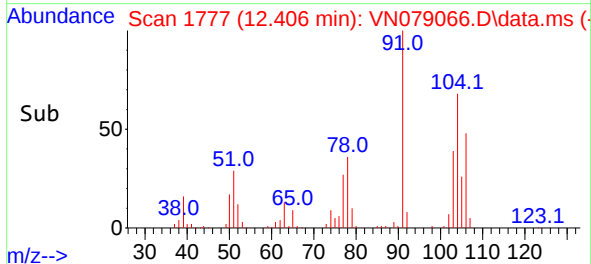
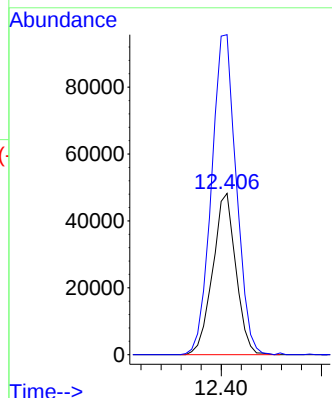
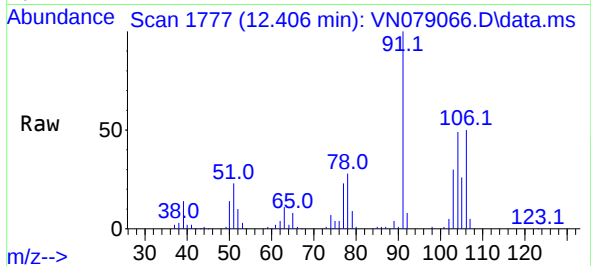
#69
o-Xylene
Concen: 19.991 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02

Tgt Ion:106 Resp: 7723
Ion Ratio Lower Upper
106 100
91 212.6 105.2 315.5

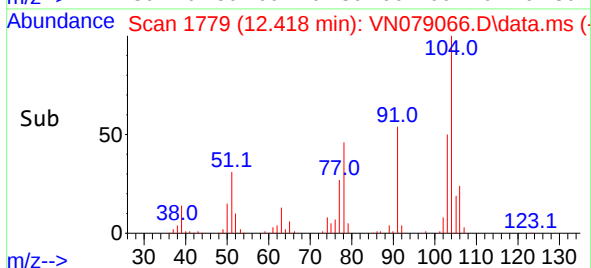
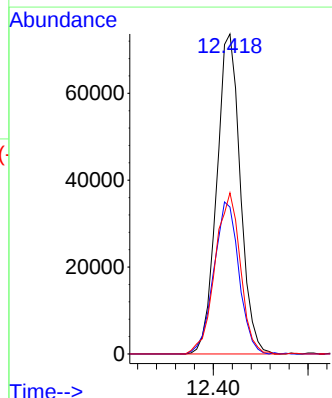
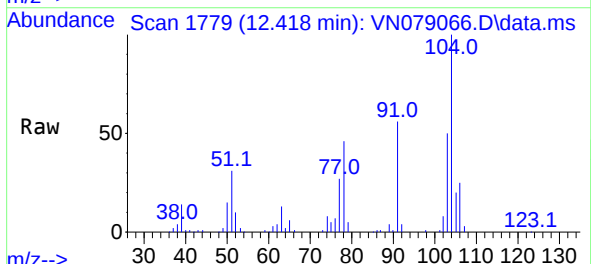
Manual Integrations
APPROVED

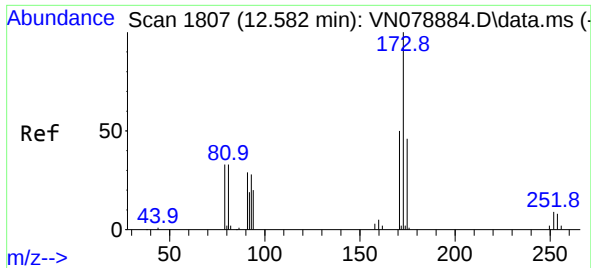
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#70
Styrene
Concen: 19.764 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

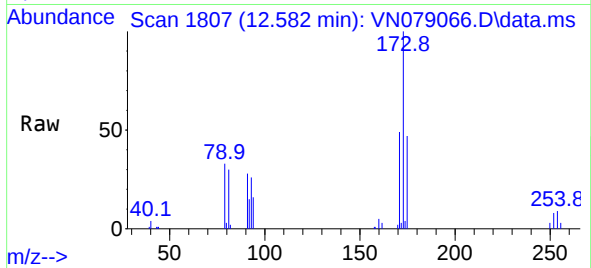
Tgt Ion:104 Resp: 127320
Ion Ratio Lower Upper
104 100
78 50.6 39.5 59.3
103 54.0 43.2 64.8





#71
Bromoform
Concen: 21.362 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

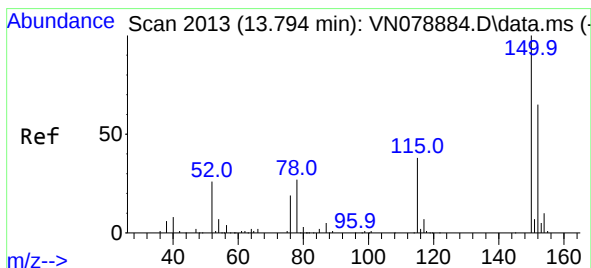
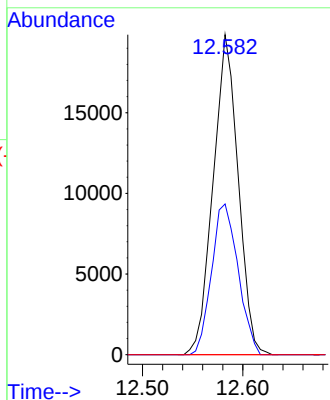
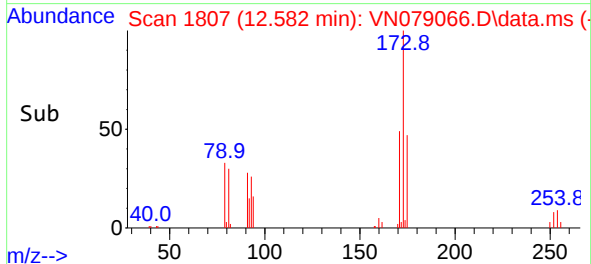
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02



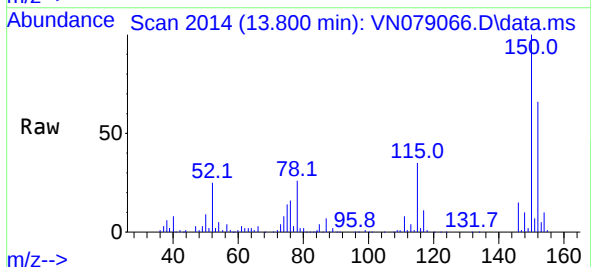
Tgt Ion:173 Resp: 3428
Ion Ratio Lower Upper
173 100
175 50.0 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

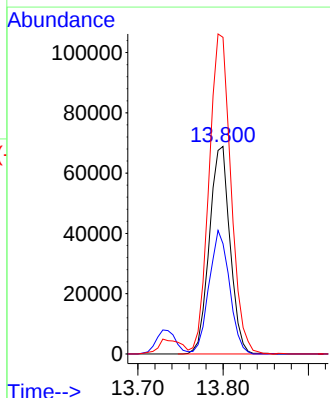
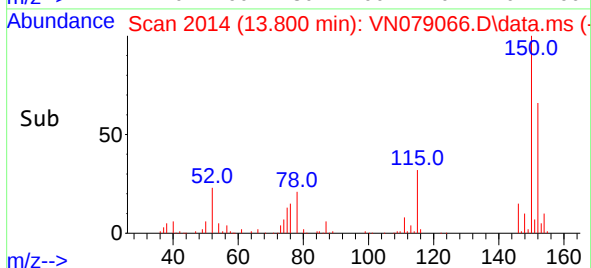
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

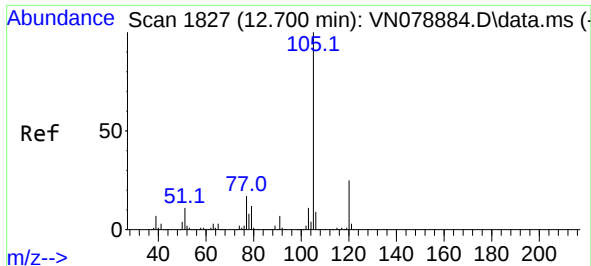


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54



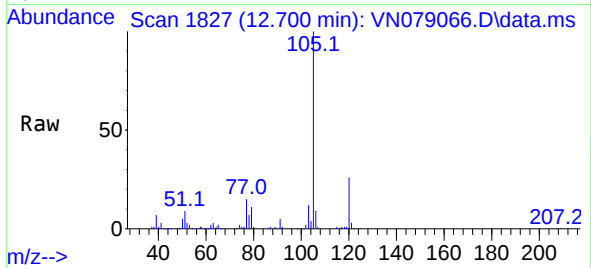
Tgt Ion:152 Resp: 115852
Ion Ratio Lower Upper
152 100
115 58.9 32.3 96.8
150 163.6 0.0 355.8





#73
Isopropylbenzene
Concen: 20.487 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

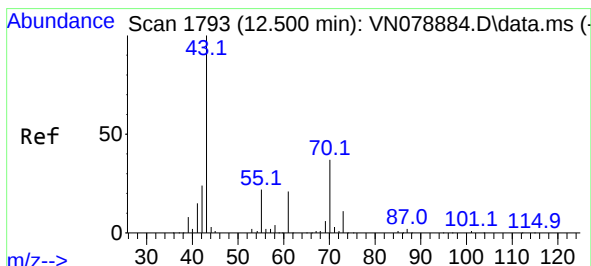
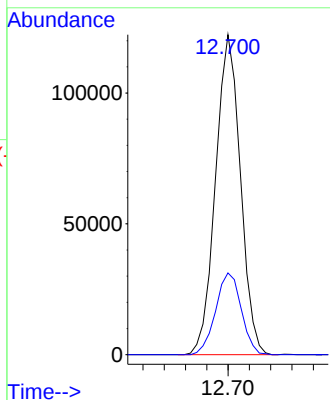
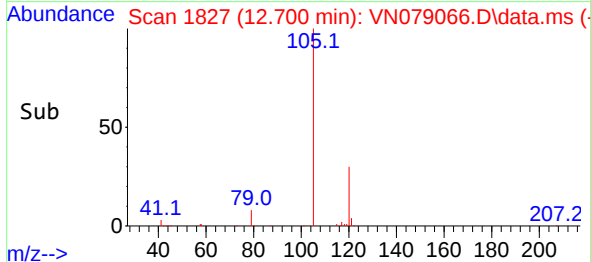
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02



Tgt Ion:105 Resp: 197902
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1

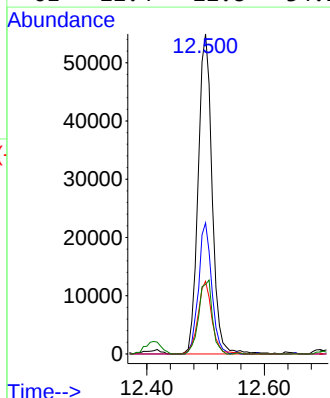
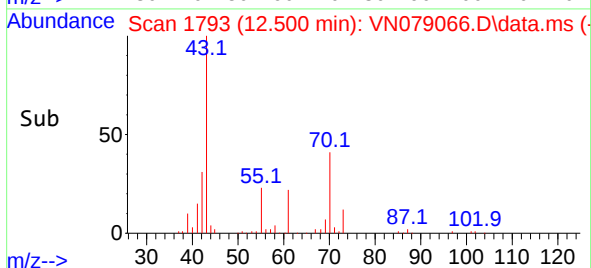
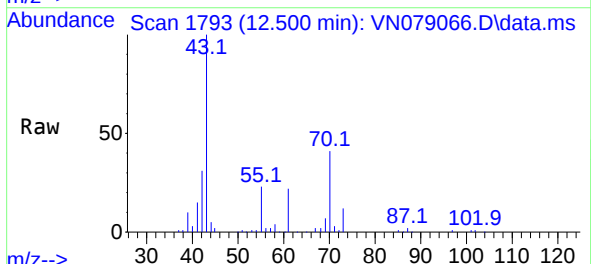
Manual Integrations
APPROVED

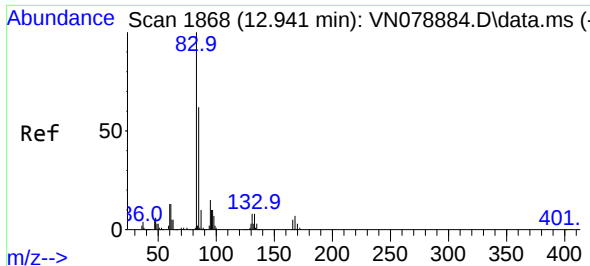
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#74
N-ethyl acetate
Concen: 18.500 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

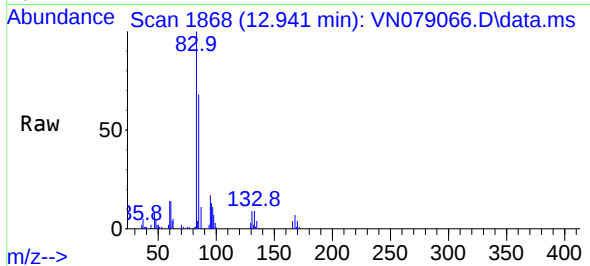
Tgt Ion: 43 Resp: 90204
Ion Ratio Lower Upper
43 100
70 38.6 43.4 65.2#
55 22.6 21.4 32.0
61 22.4 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 20.658 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

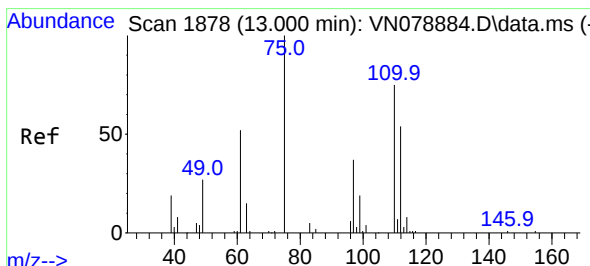
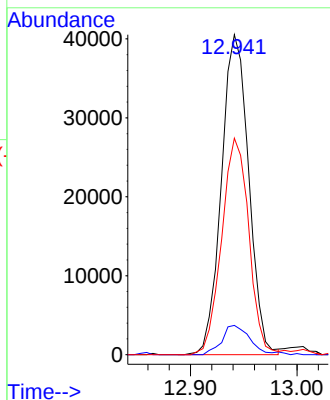
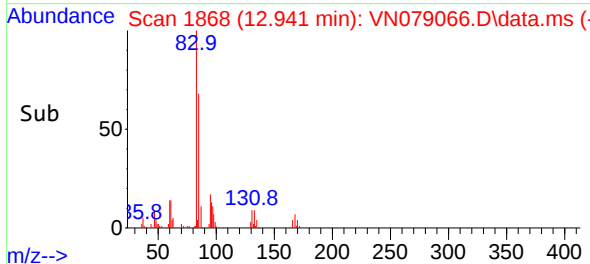
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02



Tgt Ion: 83 Resp: 7205
Ion Ratio Lower Upper
83 100
131 9.6 5.0 15.0
85 67.7 31.9 95.7

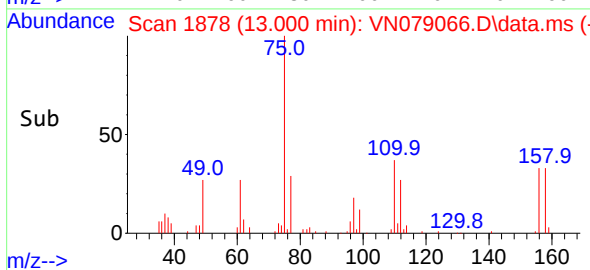
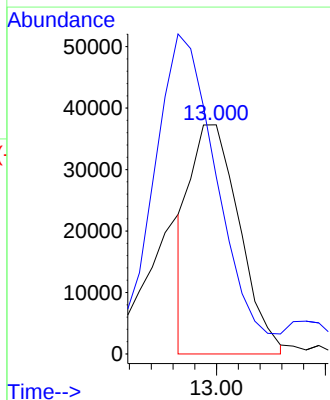
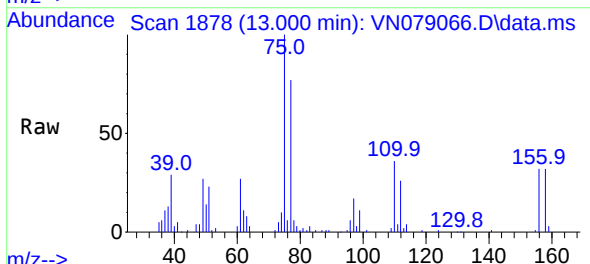
Manual Integrations
APPROVED

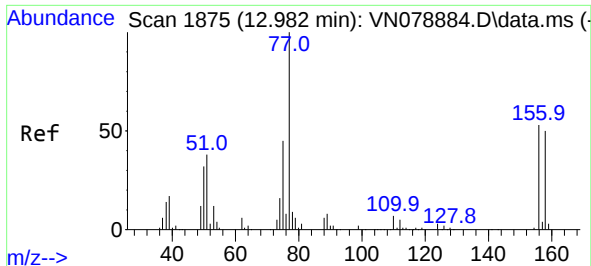
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#76
1,2,3-Trichloropropane
Concen: 20.960 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

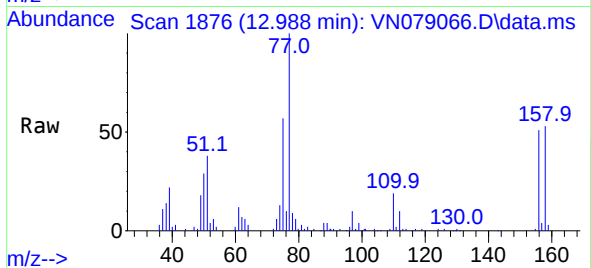
Tgt Ion: 75 Resp: 58508
Ion Ratio Lower Upper
75 100
77 182.9 84.5 253.5





#77
Bromobenzene
Concen: 20.084 ug/l
RT: 12.988 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

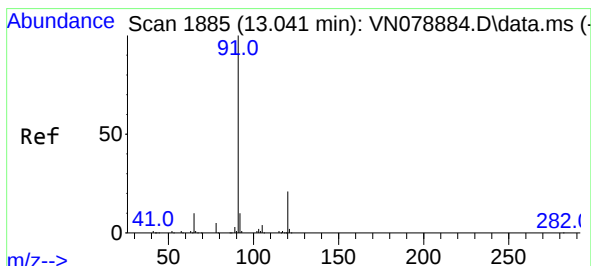
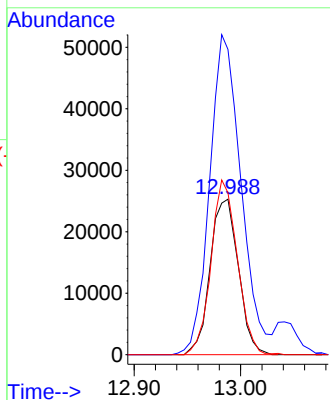
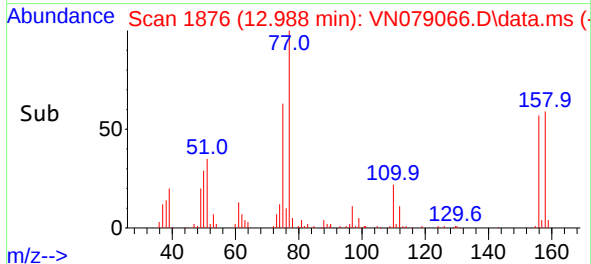
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02



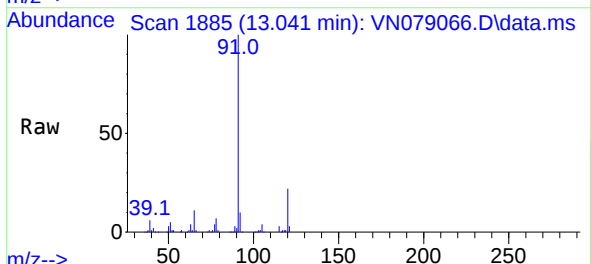
Tgt Ion:156 Resp: 4663
Ion Ratio Lower Upper
156 100
77 229.5 107.7 323.3
158 104.5 48.4 145.3

Manual Integrations
APPROVED

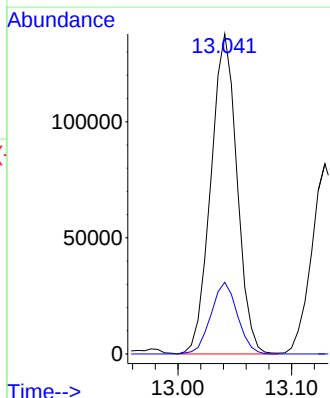
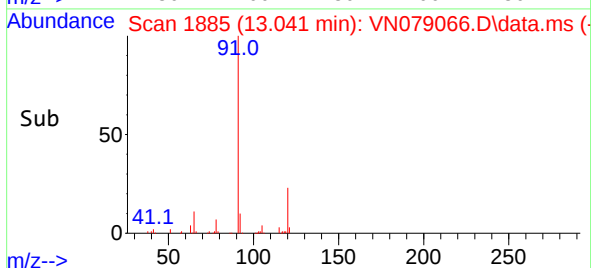
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

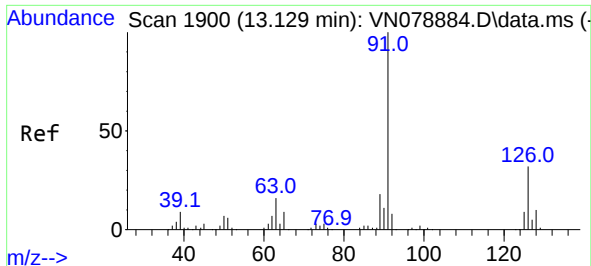


#78
n-propylbenzene
Concen: 19.693 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54



Tgt Ion: 91 Resp: 220595
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4





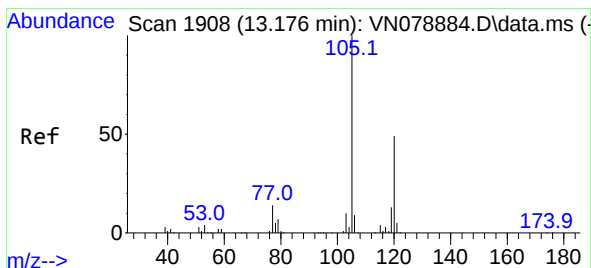
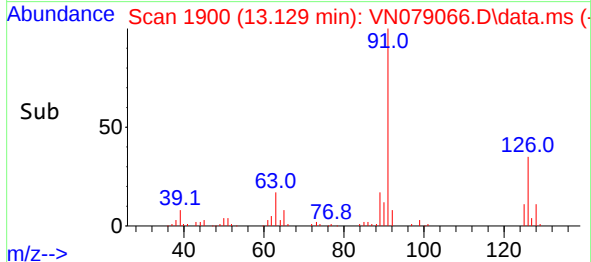
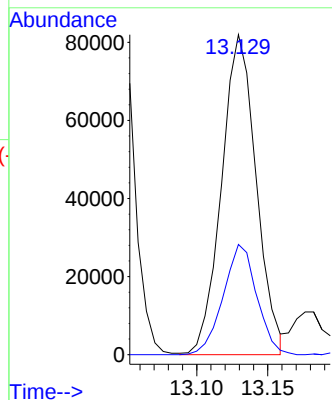
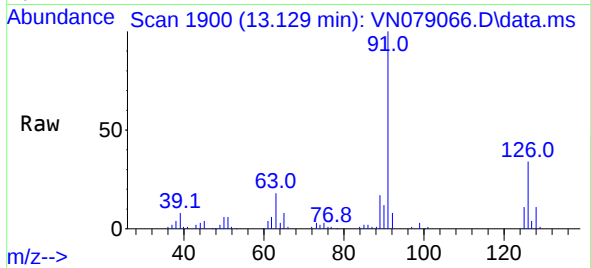
#79
2-Chlorotoluene
Concen: 20.008 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02

Tgt Ion: 91 Resp: 139029
Ion Ratio Lower Upper
91 100
126 33.4 16.3 48.8

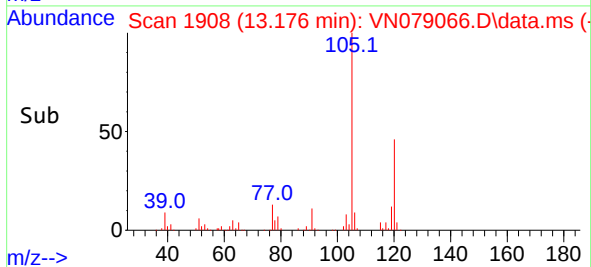
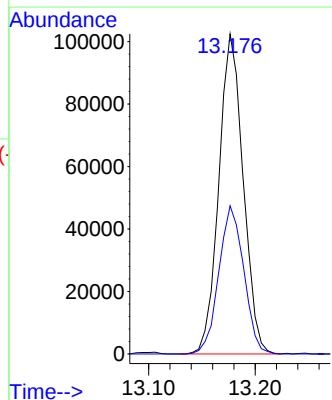
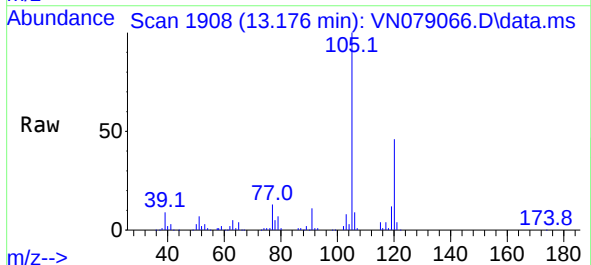
Manual Integrations
APPROVED

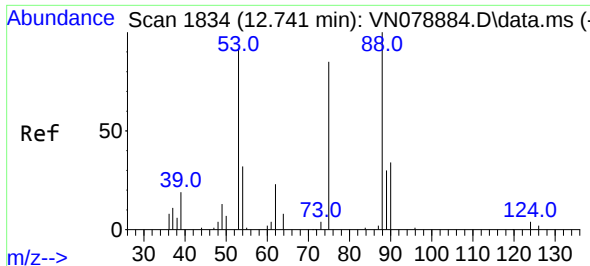
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.212 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

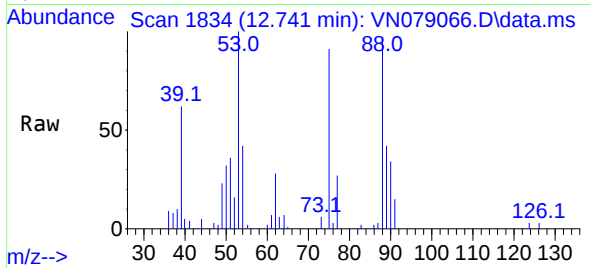
Tgt Ion:105 Resp: 162378
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.252 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

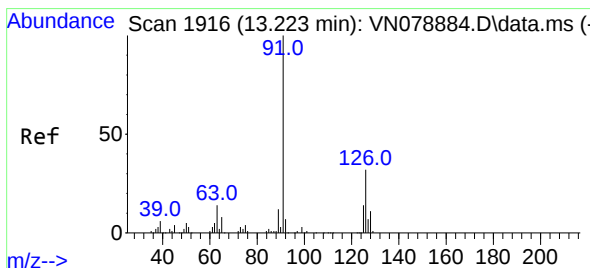
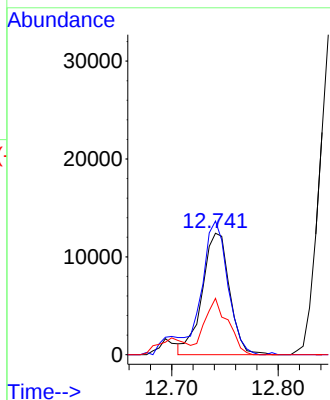
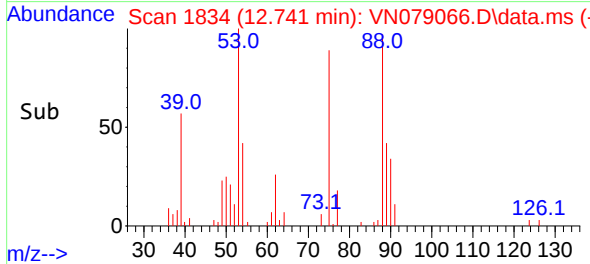
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02



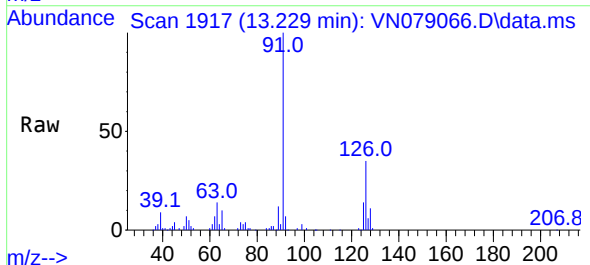
Tgt Ion: 75 Resp: 22130
Ion Ratio Lower Upper
75 100
53 105.2 67.4 101.2
89 39.9 38.8 58.2

Manual Integrations
APPROVED

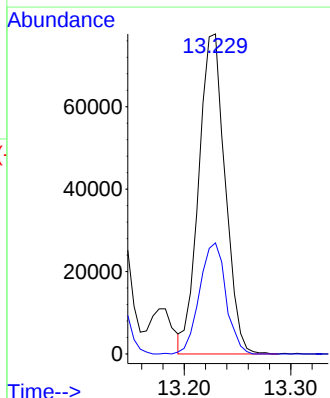
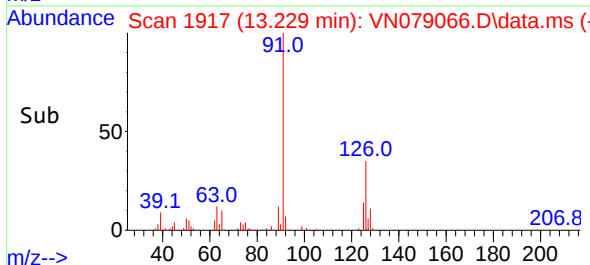
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

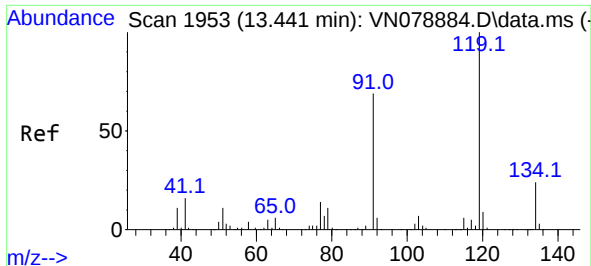


#82
4-Chlorotoluene
Concen: 19.664 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54



Tgt Ion: 91 Resp: 133697
Ion Ratio Lower Upper
91 100
126 34.6 16.7 50.0





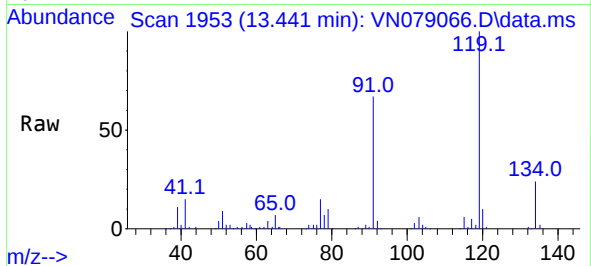
#83
tert-Butylbenzene
Concen: 21.679 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD02



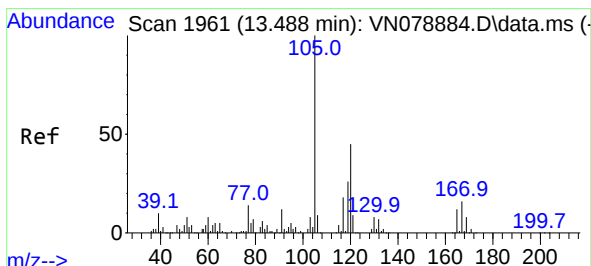
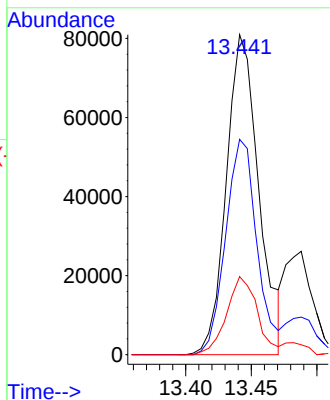
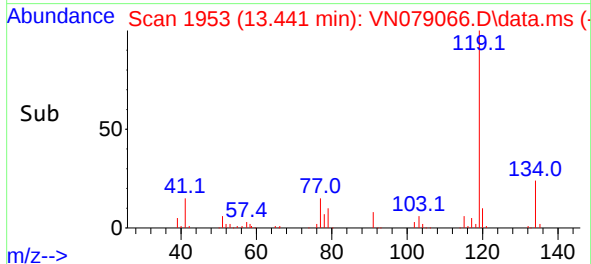
Tgt Ion:119 Resp: 139439
Ion Ratio Lower Upper
119 100
91 65.0 33.9 101.7
134 23.0 13.2 39.6

Manual Integrations

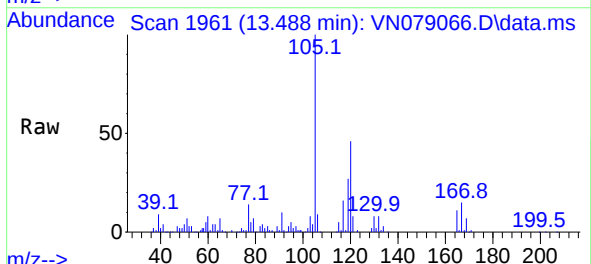
APPROVED

Reviewed By :John Carlone 08/29/2023

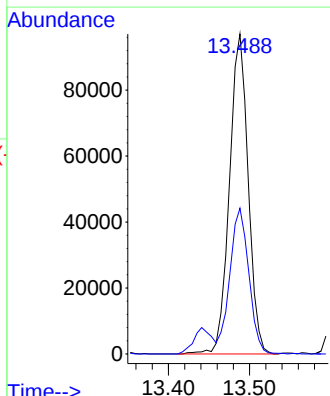
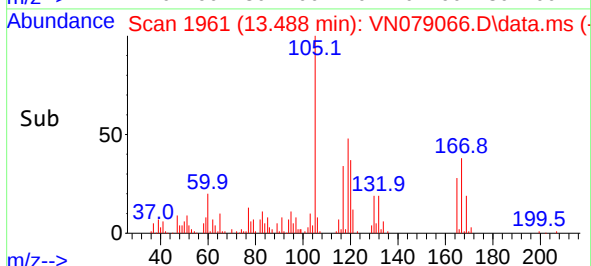
Supervised By :Semsettin Yesilyurt 08/29/2023

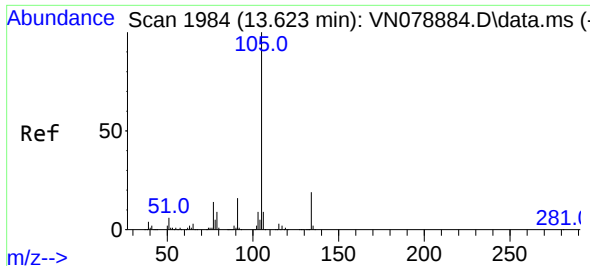


#84
1,2,4-Trimethylbenzene
Concen: 20.459 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54



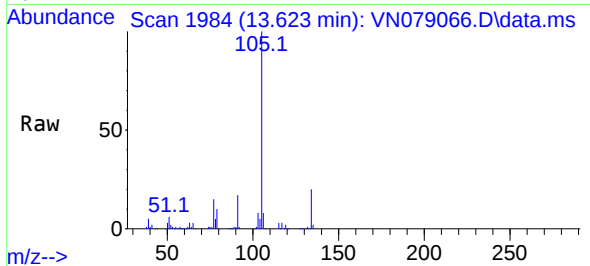
Tgt Ion:105 Resp: 155082
Ion Ratio Lower Upper
105 100
120 46.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 20.736 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079066.D
 Acq: 28 Aug 2023 14:54

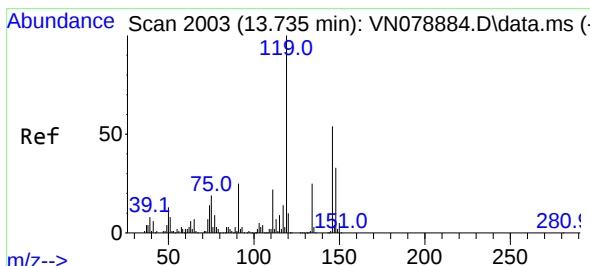
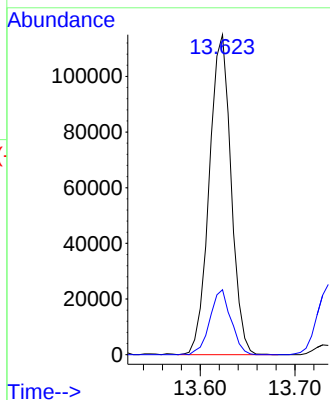
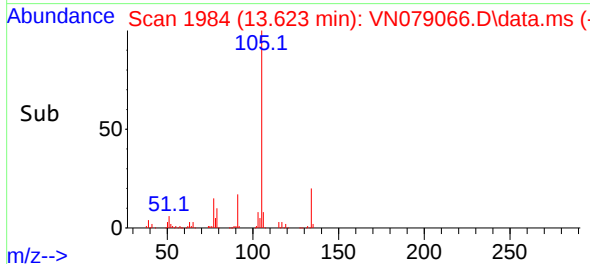
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD02



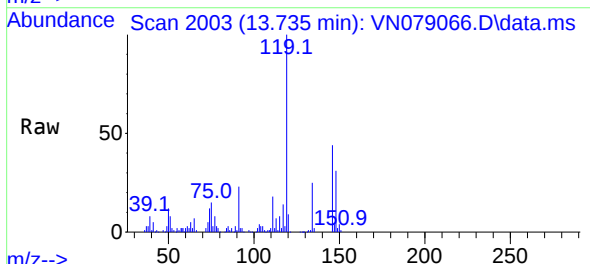
Tgt Ion:105 Resp: 183544
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

Manual Integrations
 APPROVED

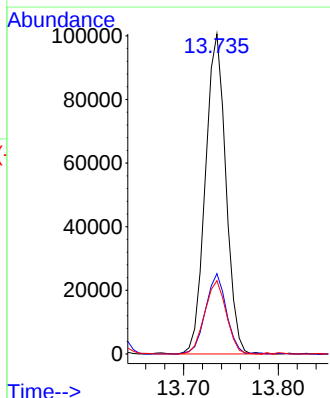
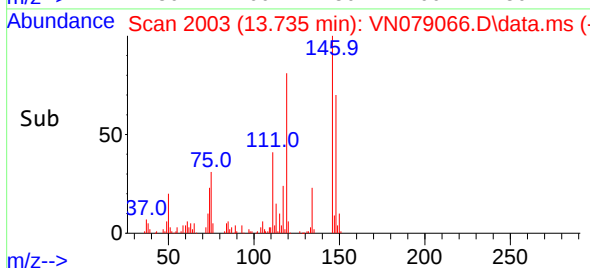
Reviewed By :John Carlone 08/29/2023
 Supervised By :Semsettin Yesilyurt 08/29/2023

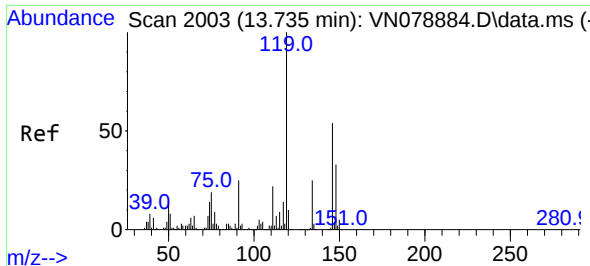


#86
 p-Isopropyltoluene
 Concen: 21.307 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079066.D
 Acq: 28 Aug 2023 14:54



Tgt Ion:119 Resp: 150680
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.987 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN079066.D

Acq: 28 Aug 2023 14:54

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD02

Tgt Ion:146 Resp: 79860

Ion Ratio Lower Upper

146 100

111 40.2 22.1 66.3

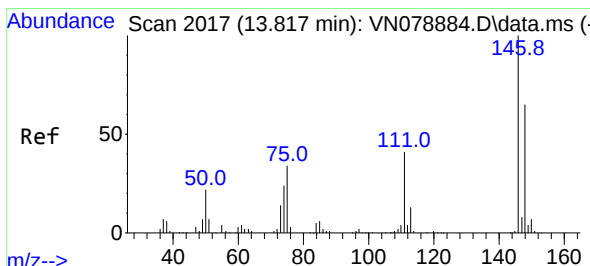
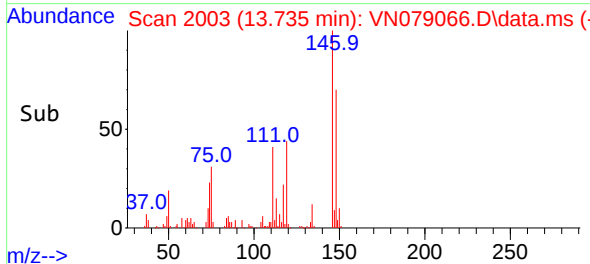
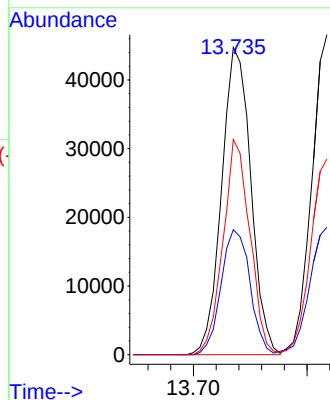
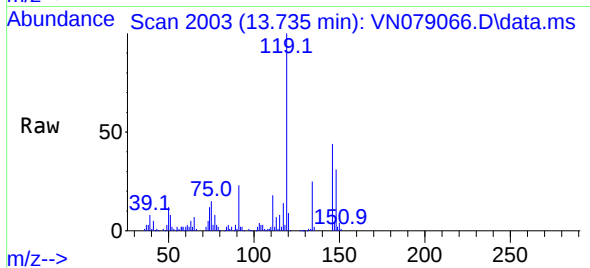
148 64.6 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2023

Supervised By :Semsettin Yesilyurt 08/29/2023



#88

1,4-Dichlorobenzene

Concen: 19.727 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VN079066.D

Acq: 28 Aug 2023 14:54

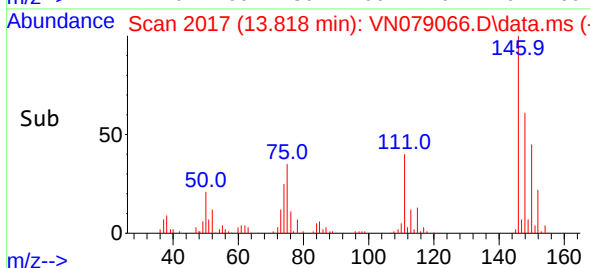
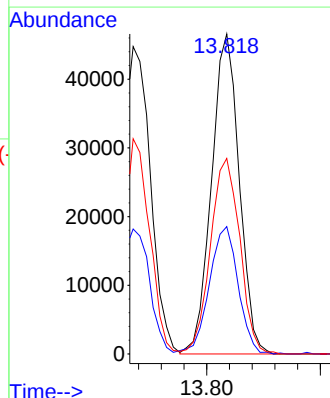
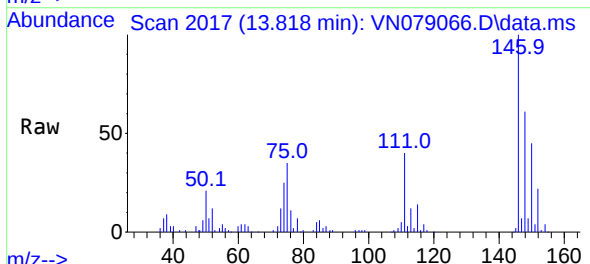
Tgt Ion:146 Resp: 78889

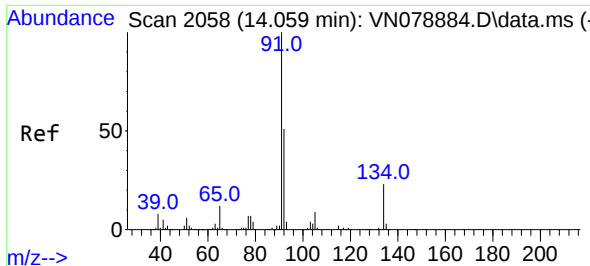
Ion Ratio Lower Upper

146 100

111 41.5 20.6 61.8

148 64.8 31.6 94.8





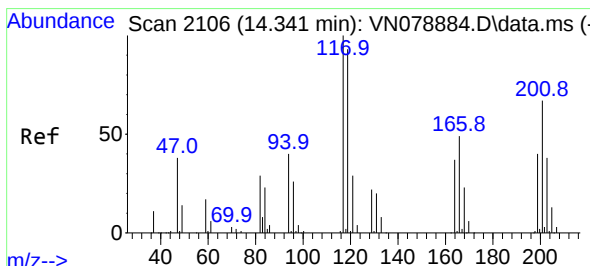
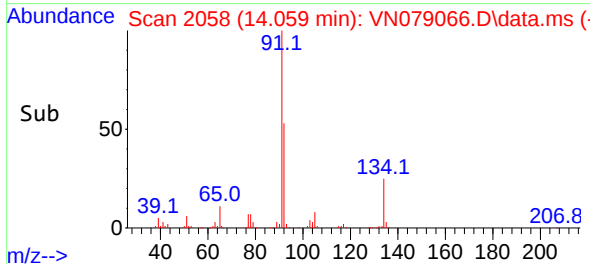
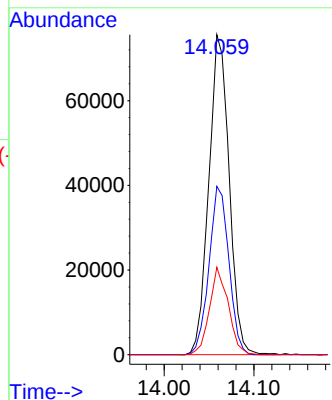
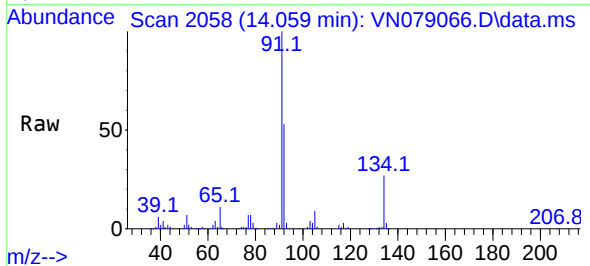
#89
n-Butylbenzene
Concen: 20.461 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02

Tgt Ion: 91 Resp: 119084
Ion Ratio Lower Upper
91 100
92 51.4 26.4 79.0
134 25.3 12.6 37.6

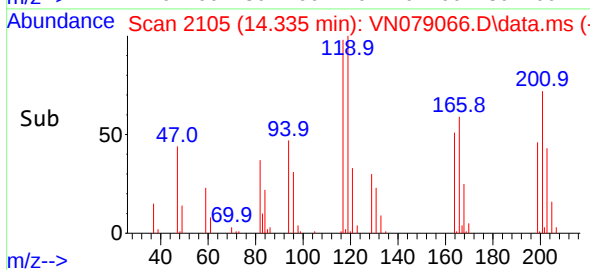
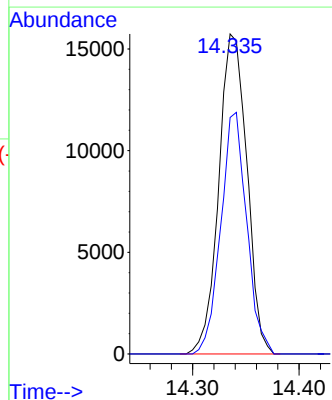
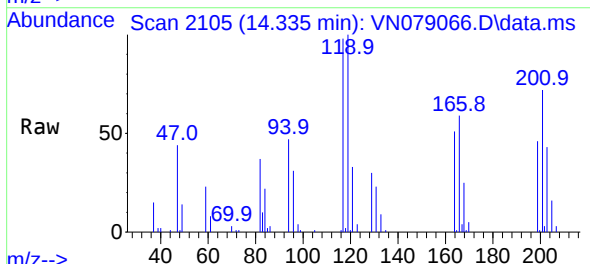
Manual Integrations
APPROVED

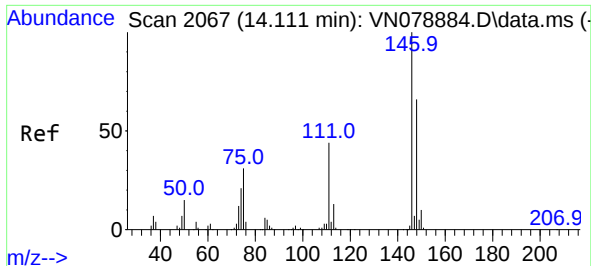
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#90
Hexachloroethane
Concen: 20.353 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

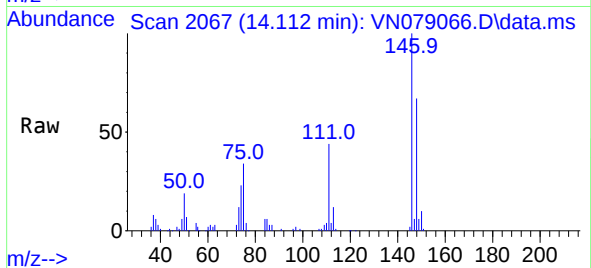
Tgt Ion:117 Resp: 28853
Ion Ratio Lower Upper
117 100
201 69.7 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 20.871 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

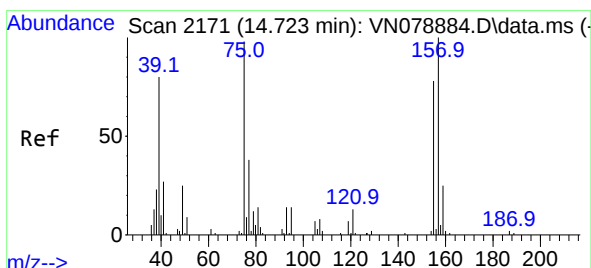
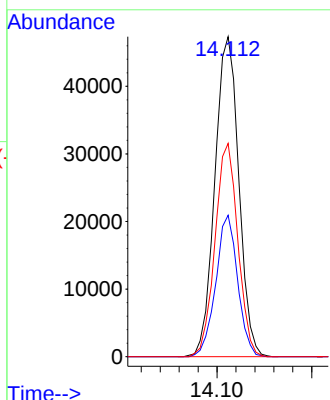
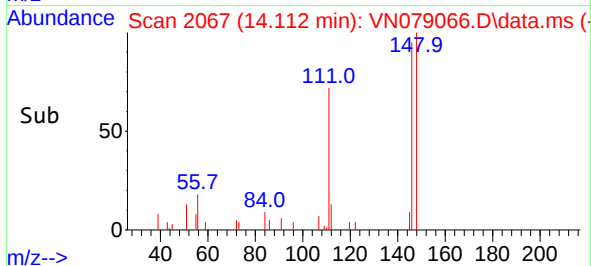
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02



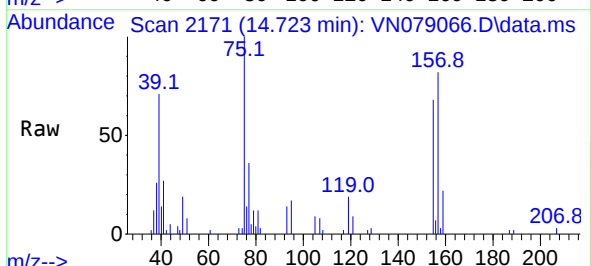
Tgt Ion:146 Resp: 82929
Ion Ratio Lower Upper
146 100
111 40.6 22.0 66.0
148 63.7 31.8 95.3

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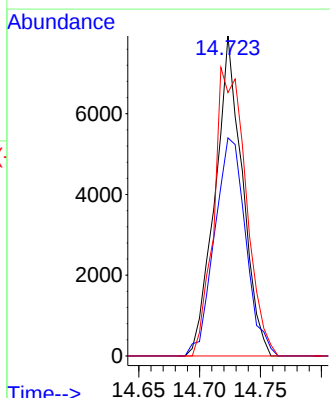
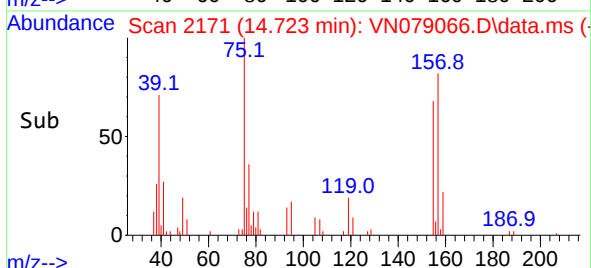
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

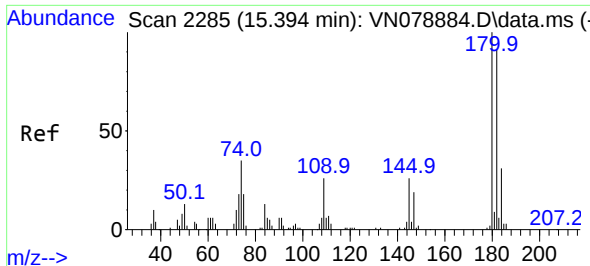


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.658 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54



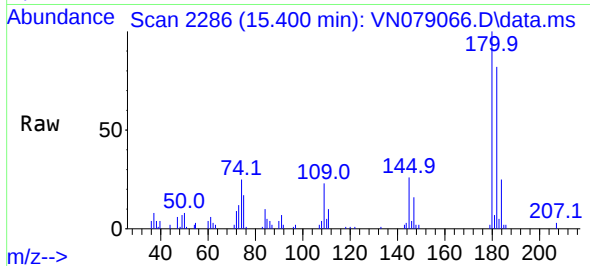
Tgt Ion: 75 Resp: 12330
Ion Ratio Lower Upper
75 100
155 78.1 39.1 117.2
157 105.3 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 21.419 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

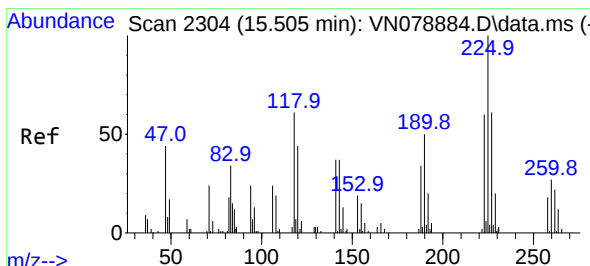
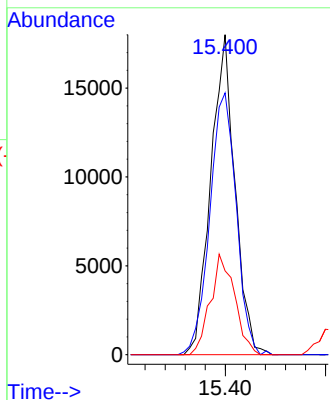
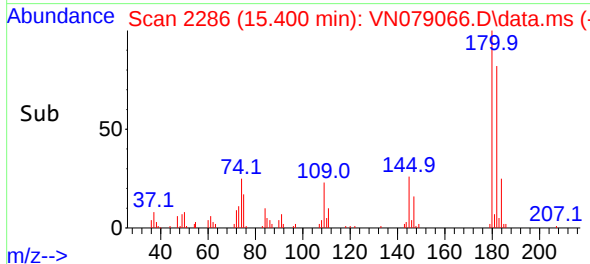
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02



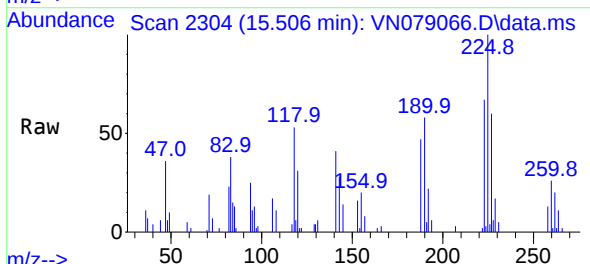
Tgt Ion:180 Resp: 30170
Ion Ratio Lower Upper
180 100
182 89.1 46.1 138.2
145 31.5 16.6 49.8

Manual Integrations
APPROVED

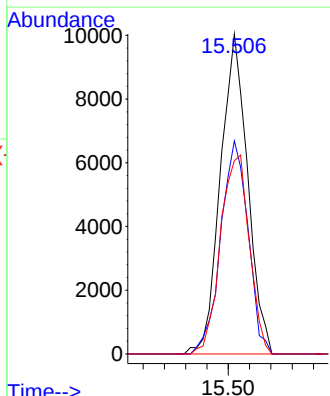
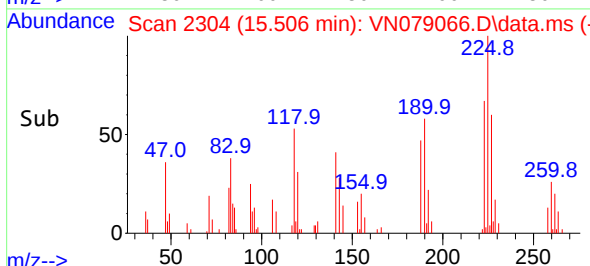
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

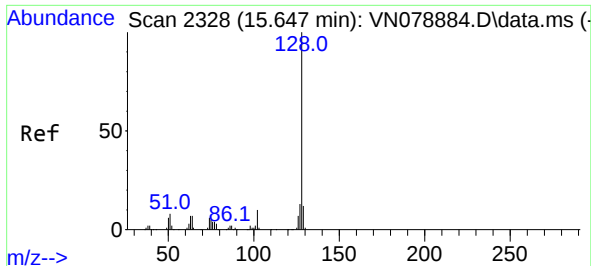


#94
Hexachlorobutadiene
Concen: 22.177 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54



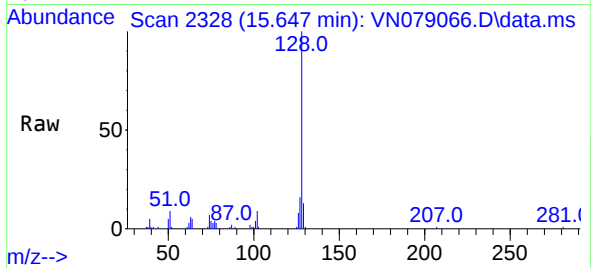
Tgt Ion:225 Resp: 17810
Ion Ratio Lower Upper
225 100
223 66.8 31.3 93.8
227 65.9 31.9 95.9





#95
Naphthalene
Concen: 16.393 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54

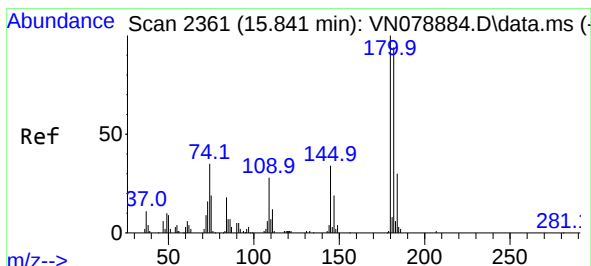
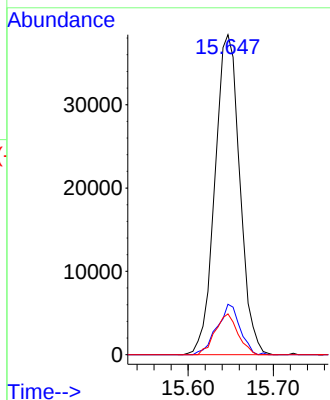
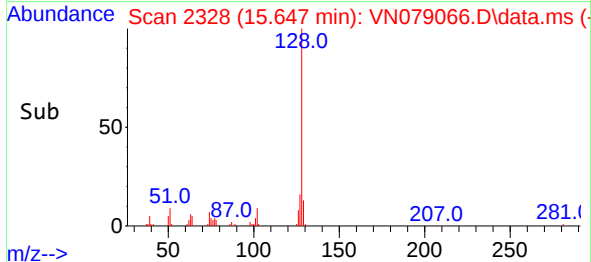
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02



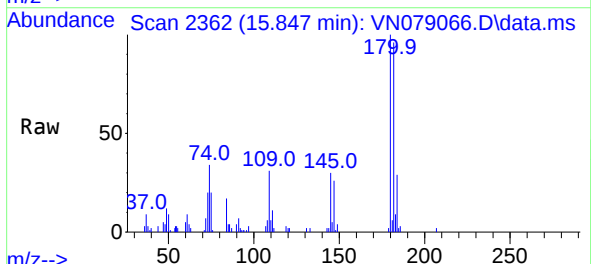
Tgt Ion:128 Resp: 77779
Ion Ratio Lower Upper
128 100
127 14.7 10.0 15.0
129 11.7 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 21.173 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079066.D
Acq: 28 Aug 2023 14:54



Tgt Ion:180 Resp: 32664
Ion Ratio Lower Upper
180 100
182 92.1 46.2 138.6
145 32.9 17.5 52.6

