

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
 Data File : VN078795.D
 Acq On : 08 Aug 2023 12:23
 Operator : JC\MD
 Sample : VN0808WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Aug 09 02:47:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	155968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	274103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	237552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	86836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	118453	50.660	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.320%	
35) Dibromofluoromethane	8.171	113	97596	52.725	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.440%	
50) Toluene-d8	10.571	98	357551	52.490	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.980%	
62) 4-Bromofluorobenzene	12.853	95	106147	52.141	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.280%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	40189	17.460	ug/l	98
3) Chloromethane	2.371	50	48974	18.241	ug/l #	86
4) Vinyl Chloride	2.524	62	44522	17.562	ug/l	99
5) Bromomethane	2.959	94	33399	18.602	ug/l	95
6) Chloroethane	3.124	64	30091	18.052	ug/l	97
7) Trichlorofluoromethane	3.506	101	61476	17.654	ug/l	90
8) Diethyl Ether	3.977	74	23657	18.618	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.389	101	33625	18.538	ug/l	98
10) Methyl Iodide	4.595	142	41699	17.904	ug/l #	87
11) Tert butyl alcohol	5.530	59	36390	88.678	ug/l	100
12) 1,1-Dichloroethene	4.342	96	32549	17.857	ug/l	90
13) Acrolein	4.189	56	34737	100.047	ug/l	93
14) Allyl chloride	5.024	41	56021	18.458	ug/l #	89
15) Acrylonitrile	5.736	53	93800	87.773	ug/l	94
16) Acetone	4.442	43	79333	88.183	ug/l #	85
17) Carbon Disulfide	4.718	76	89444	17.202	ug/l	96
18) Methyl Acetate	5.047	43	72319	17.898	ug/l #	80
19) Methyl tert-butyl Ether	5.812	73	115855	18.815	ug/l #	85
20) Methylene Chloride	5.283	84	40808	18.315	ug/l #	81
21) trans-1,2-Dichloroethene	5.794	96	35556	17.431	ug/l #	83
22) Diisopropyl ether	6.688	45	134334	18.423	ug/l #	88
23) Vinyl Acetate	6.612	43	475295m	103.874	ug/l	
24) 1,1-Dichloroethane	6.577	63	72963	18.402	ug/l	95
25) 2-Butanone	7.494	43	132463	86.950	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	56856	20.534	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	43282	18.482	ug/l	91
28) Bromochloromethane	7.824	49	41812	19.461	ug/l #	72
29) Tetrahydrofuran	7.853	42	90695	88.964	ug/l #	71
30) Chloroform	7.971	83	72672	18.199	ug/l	87
31) Cyclohexane	8.271	56	63010	18.341	ug/l #	82
32) 1,1,1-Trichloroethane	8.171	97	61262	18.049	ug/l	92
36) 1,1-Dichloropropene	8.377	75	53330	18.571	ug/l	95
37) Ethyl Acetate	7.571	43	61878	20.266	ug/l #	87
38) Carbon Tetrachloride	8.371	117	52821	17.842	ug/l	92
39) Methylcyclohexane	9.606	83	50583	18.858	ug/l	91
40) Benzene	8.612	78	158585	18.258	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	28081	16.541	ug/l #	83
42) 1,2-Dichloroethane	8.677	62	57591	18.447	ug/l	100
43) Isopropyl Acetate	8.694	43	91632	17.800	ug/l #	88
44) Trichloroethene	9.359	130	38756	18.219	ug/l	83
45) 1,2-Dichloropropane	9.629	63	43191	18.549	ug/l	96
46) Dibromomethane	9.718	93	27018	17.434	ug/l	87
47) Bromodichloromethane	9.894	83	56491	18.314	ug/l	93
48) Methyl methacrylate	9.688	41	41535	17.462	ug/l #	81
49) 1,4-Dioxane	9.706	88	14925	386.415	ug/l #	80
51) 4-Methyl-2-Pentanone	10.453	43	283397	89.878	ug/l #	86
52) Toluene	10.635	92	99071	18.676	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	61015	19.359	ug/l	99
54) cis-1,3-Dichloropropene	10.324	75	62140	18.148	ug/l #	89
55) 1,1,2-Trichloroethane	11.024	97	38265	18.147	ug/l	90
56) Ethyl methacrylate	10.882	69	55244	18.067	ug/l #	78
57) 1,3-Dichloropropane	11.171	76	65469	17.859	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	108645	98.972	ug/l #	86
59) 2-Hexanone	11.200	43	197416	88.421	ug/l	83
60) Dibromochloromethane	11.365	129	41351	18.685	ug/l	98
61) 1,2-Dibromoethane	11.476	107	36766	17.604	ug/l	97
64) Tetrachloroethene	11.112	164	34523	18.861	ug/l	92
65) Chlorobenzene	11.894	112	102140	18.880	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	37927	18.101	ug/l	95
67) Ethyl Benzene	11.970	91	177123	18.381	ug/l	96
68) m/p-Xylenes	12.076	106	133586	37.576	ug/l	100
69) o-Xylene	12.406	106	59402	17.022	ug/l	89
70) Styrene	12.418	104	99612	18.188	ug/l	96
71) Bromoform	12.582	173	26272	17.977	ug/l #	98
73) Isopropylbenzene	12.700	105	160590	18.790	ug/l	99
74) N-amyl acetate	12.500	43	67788	17.485	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	54076	18.618	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	48679m	20.734	ug/l	
77) Bromobenzene	12.988	156	37826	18.863	ug/l	97
78) n-propylbenzene	13.041	91	172011	18.312	ug/l	99
79) 2-Chlorotoluene	13.129	91	108099	17.913	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	124592	18.198	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	14695	16.796	ug/l #	80
82) 4-Chlorotoluene	13.229	91	102860	18.631	ug/l	99
83) tert-Butylbenzene	13.441	119	104954	18.406	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	118957	18.079	ug/l	100
85) sec-Butylbenzene	13.623	105	133278	17.875	ug/l	98
86) p-Isopropyltoluene	13.735	119	103557	17.467	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	58314	18.207	ug/l	95
88) 1,4-Dichlorobenzene	13.817	146	55784	17.571	ug/l	96
89) n-Butylbenzene	14.064	91	74402	16.726	ug/l	98
90) Hexachloroethane	14.341	117	22463	18.281	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	57341	18.585	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8225	18.462	ug/l	88
93) 1,2,4-Trichlorobenzene	15.406	180	12719	14.672	ug/l	88
94) Hexachlorobutadiene	15.506	225	11362	17.838	ug/l	95
95) Naphthalene	15.641	128	38663	13.361	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.847	180	15637	15.148	ug/l	90

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ClientSampleId :
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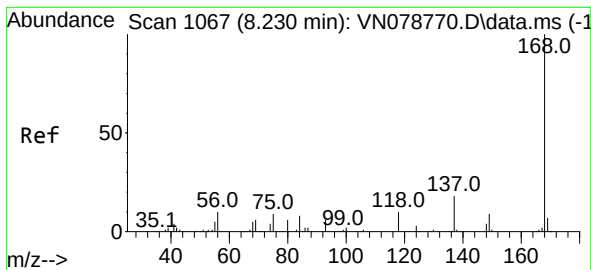
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 08/09/2023

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Quant Title : SW846 8260
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Response via : Initial Calibration

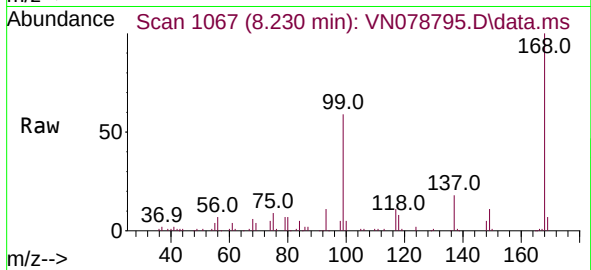
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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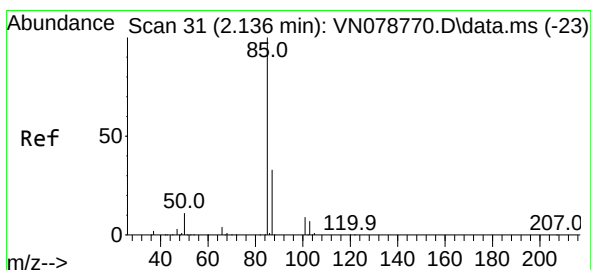
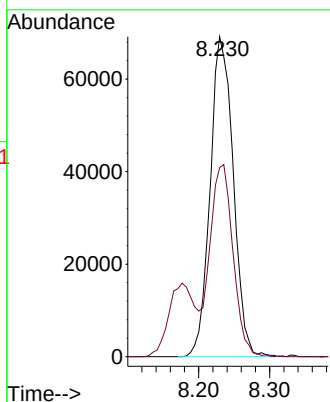
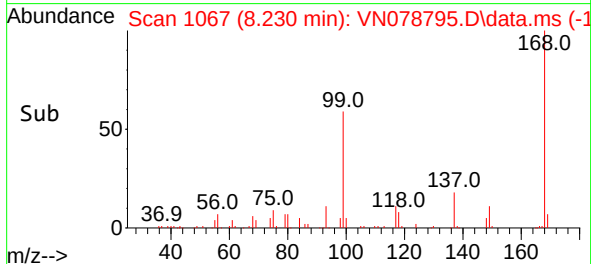
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01



Tgt Ion:168 Resp: 155968
Ion Ratio Lower Upper
168 100
99 58.8 53.0 79.6

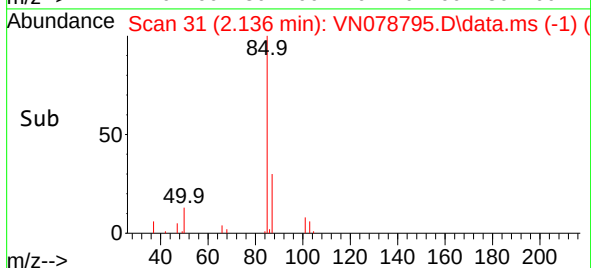
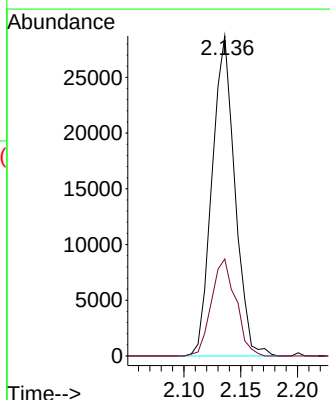
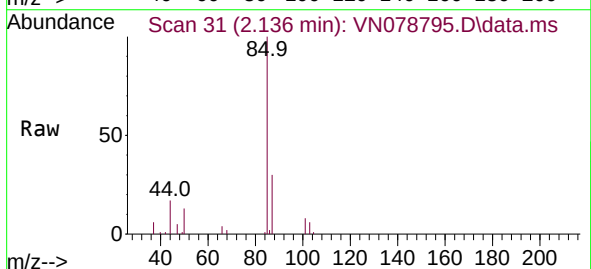
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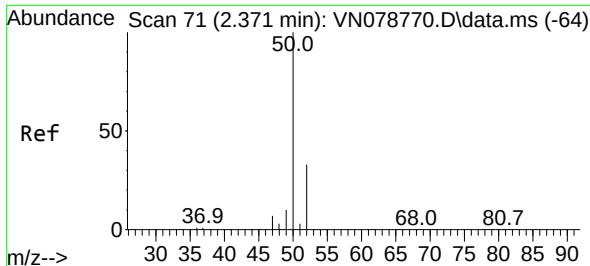
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#2
Dichlorodifluoromethane
Concen: 17.460 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

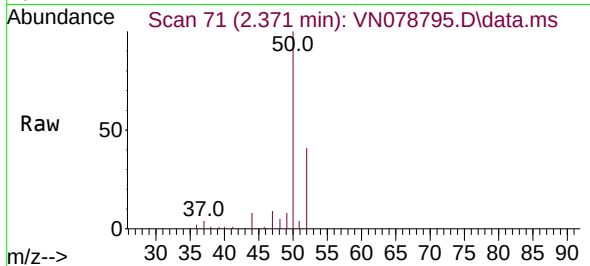
Tgt Ion: 85 Resp: 40189
Ion Ratio Lower Upper
85 100
87 30.3 15.8 47.4





#3
Chloromethane
Concen: 18.241 ug/l
RT: 2.371 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

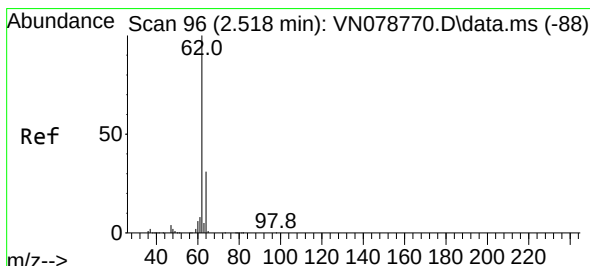
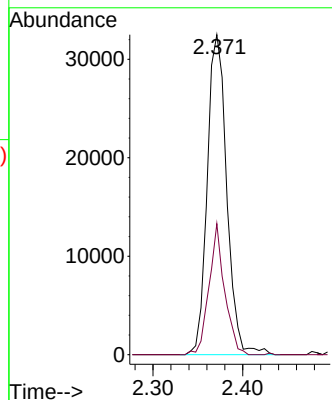
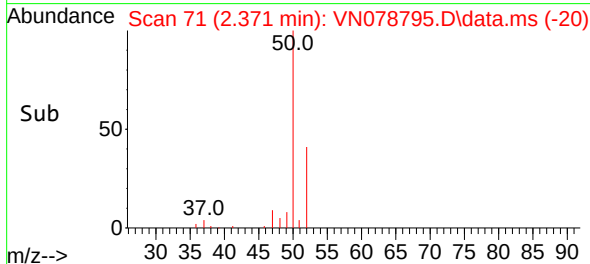
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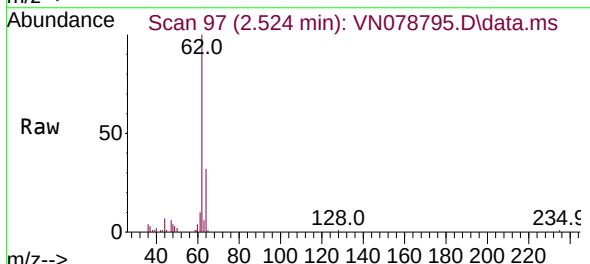
Tgt Ion: 50 Resp: 48974
Ion Ratio Lower Upper
50 100
52 41.0 26.5 39.7

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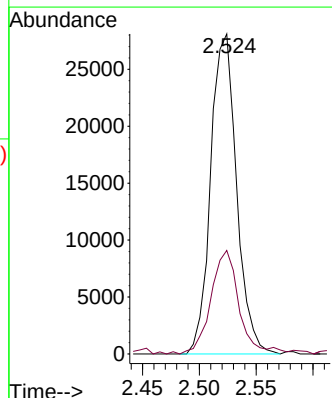
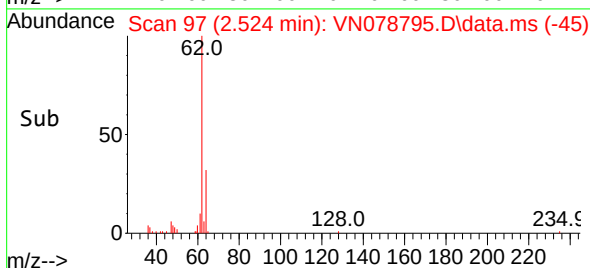
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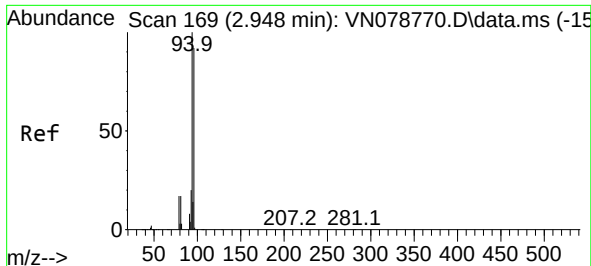


#4
Vinyl Chloride
Concen: 17.562 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23



Tgt Ion: 62 Resp: 44522
Ion Ratio Lower Upper
62 100
64 32.3 26.2 39.2





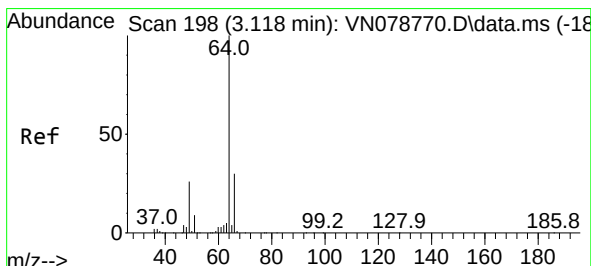
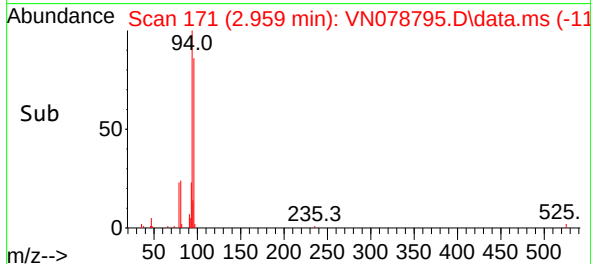
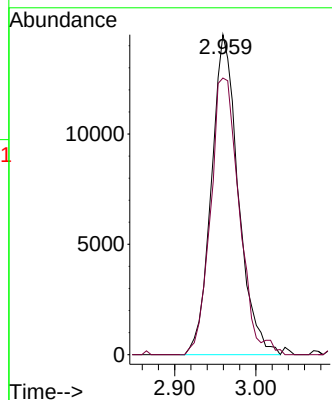
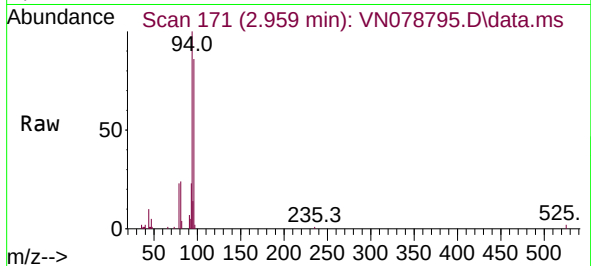
#5
Bromomethane
Concen: 18.602 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078795.D
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Tgt Ion: 94 Resp: 3339
Ion Ratio Lower Upper
94 100
96 86.5 73.1 109.7

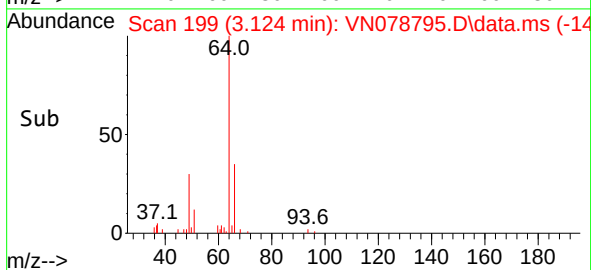
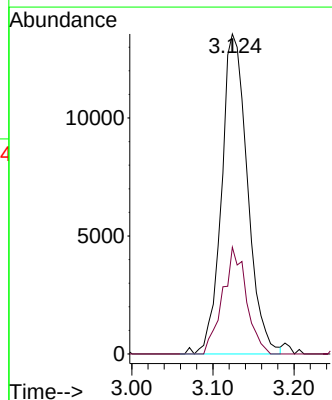
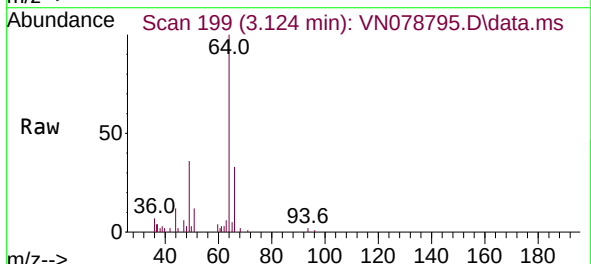
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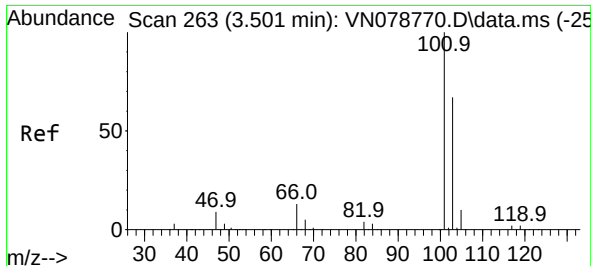
Reviewed By :John Carlone 08/09/2023
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#6
Chloroethane
Concen: 18.052 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

Tgt Ion: 64 Resp: 30091
Ion Ratio Lower Upper
64 100
66 33.4 25.4 38.2





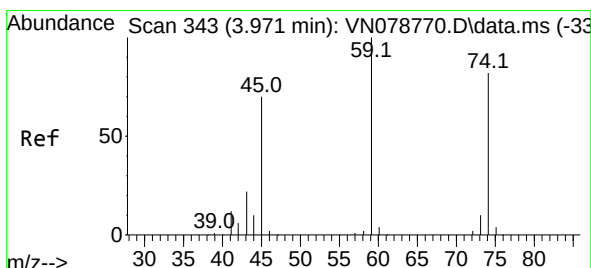
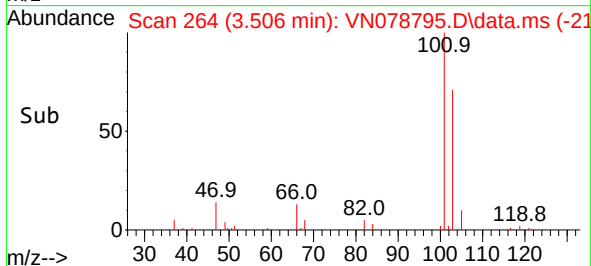
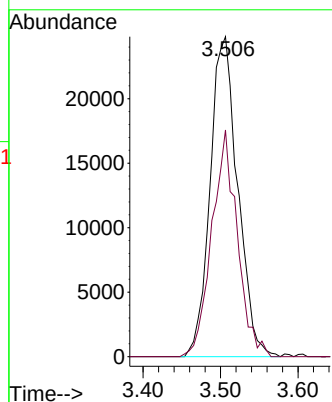
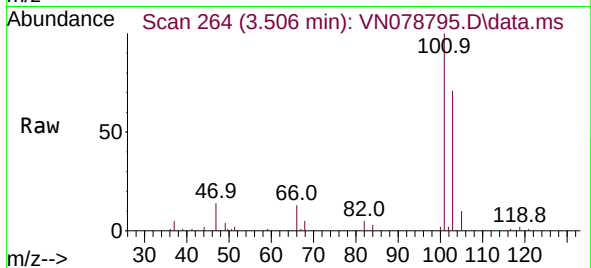
#7
Trichlorofluoromethane
Concen: 17.654 ug/l
RT: 3.506 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

Tgt Ion:101 Resp: 61470
Ion Ratio Lower Upper
101 100
103 70.8 50.7 76.1

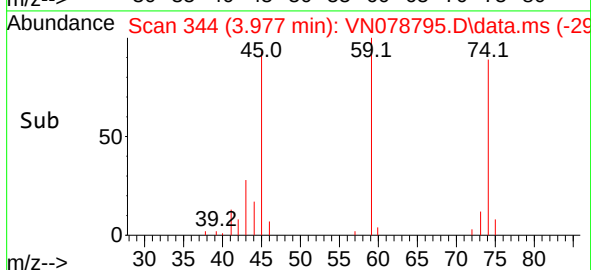
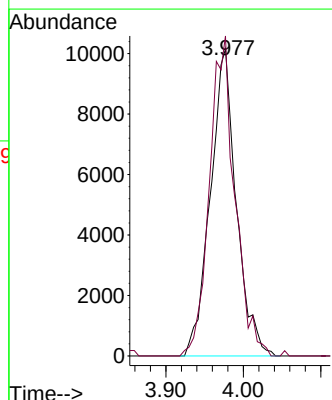
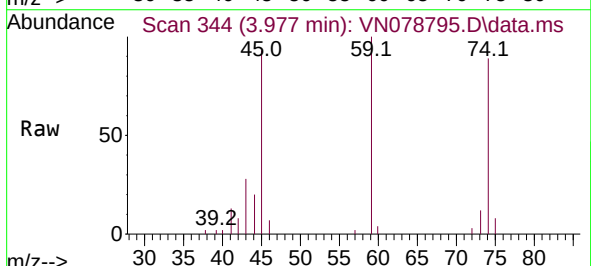
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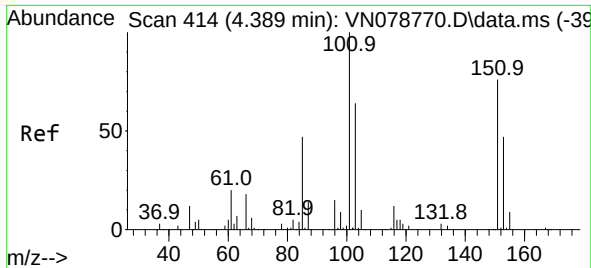
Reviewed By :John Carlone 08/09/2023
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#8
Diethyl Ether
Concen: 18.618 ug/l
RT: 3.977 min Scan# 344
Delta R.T. 0.006 min
Lab File: VN078795.D
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Tgt Ion: 74 Resp: 23657
Ion Ratio Lower Upper
74 100
45 101.8 34.4 103.3





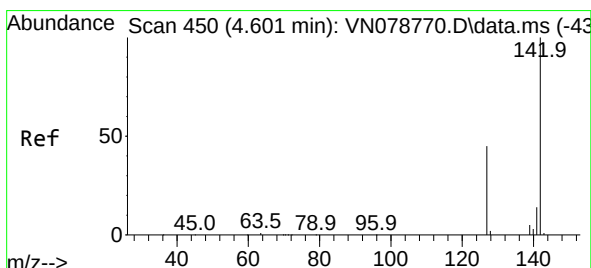
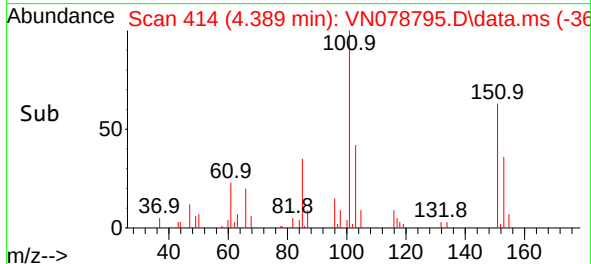
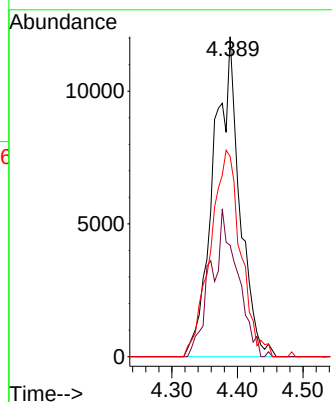
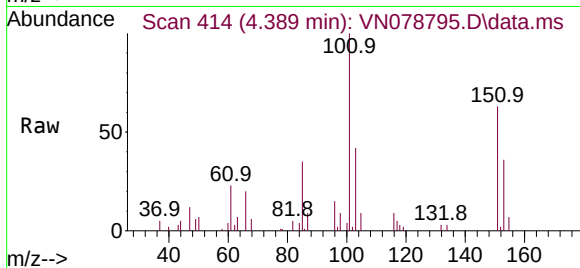
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.538 ug/l
RT: 4.389 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

Tgt Ion:101 Resp: 3362
Ion Ratio Lower Upper
101 100
85 46.1 36.6 55.0
151 74.3 57.6 86.4

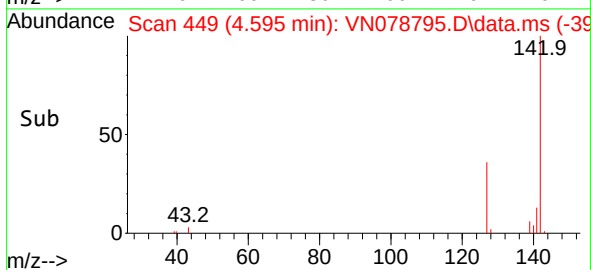
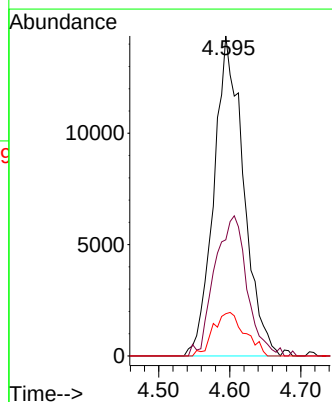
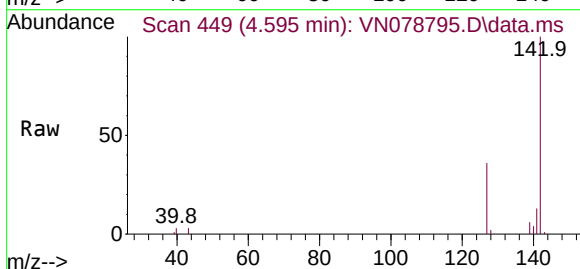
Manual Integrations
APPROVED

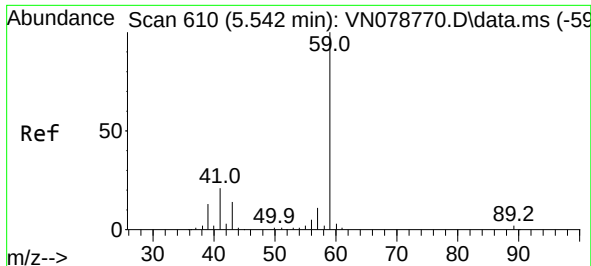
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#10
Methyl Iodide
Concen: 17.904 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

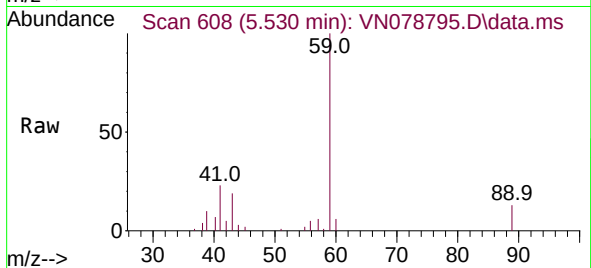
Tgt Ion:142 Resp: 41699
Ion Ratio Lower Upper
142 100
127 36.3 37.6 56.4#
141 13.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 88.678 ug/l
RT: 5.530 min Scan# 610
Delta R.T. -0.012 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

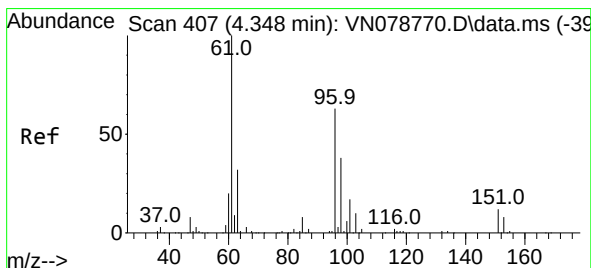
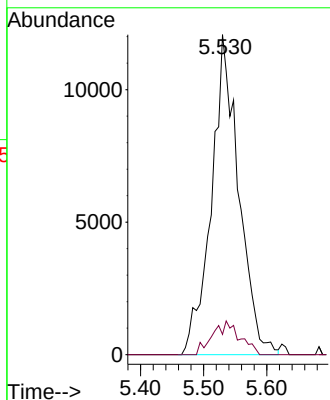
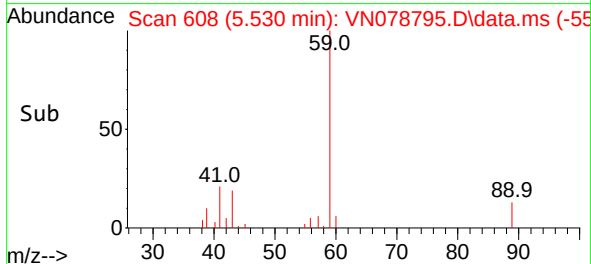
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01



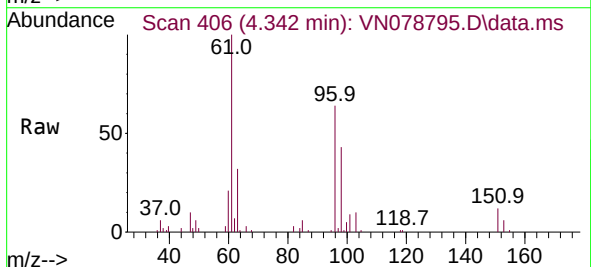
Tgt Ion: 59 Resp: 36390
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

Manual Integrations
APPROVED

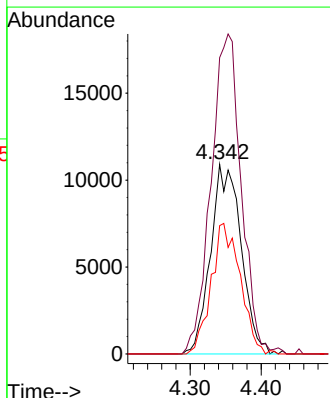
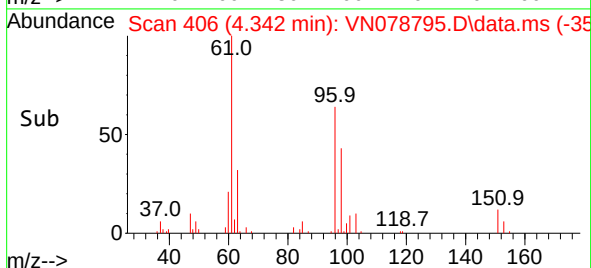
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

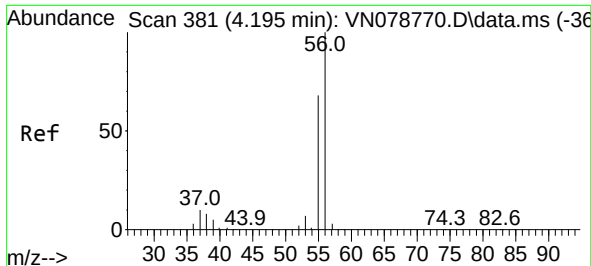


#12
1,1-Dichloroethene
Concen: 17.857 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23



Tgt Ion: 96 Resp: 32549
Ion Ratio Lower Upper
96 100
61 156.3 112.7 169.1
98 67.7 51.2 76.8





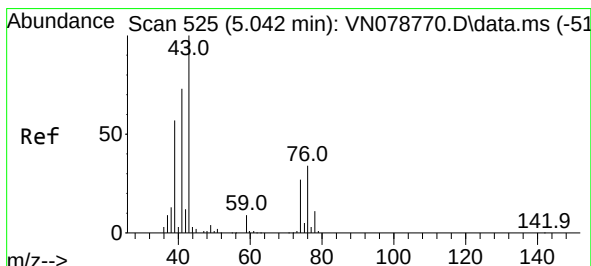
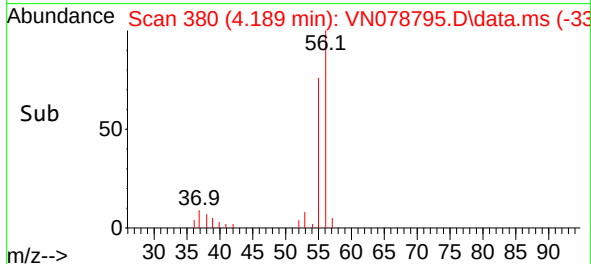
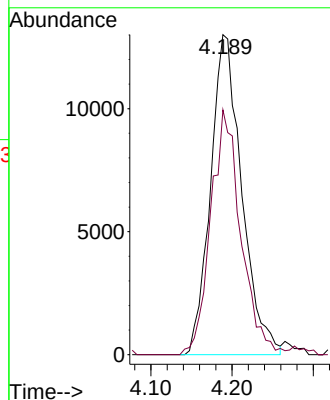
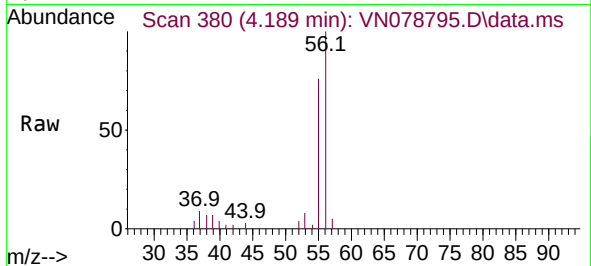
#13
Acrolein
Concen: 100.047 ug/l
RT: 4.189 min Scan# 381
Delta R.T. -0.006 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

Tgt Ion: 56 Resp: 3473
Ion Ratio Lower Upper
56 100
55 73.8 54.5 81.7

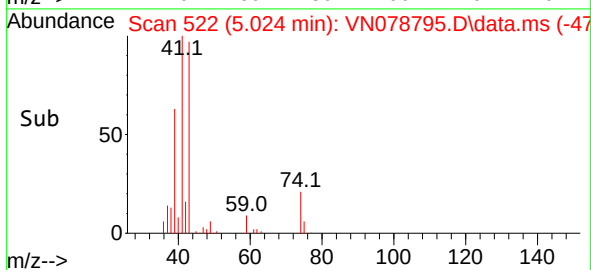
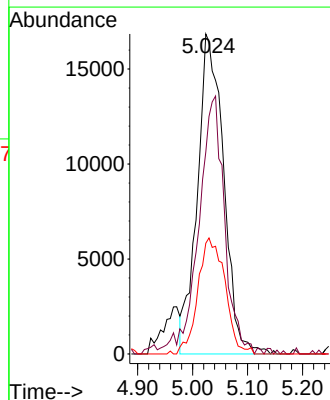
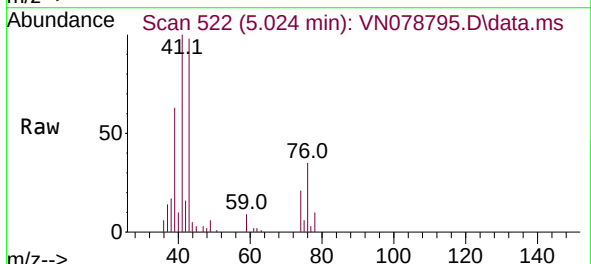
Manual Integrations
APPROVED

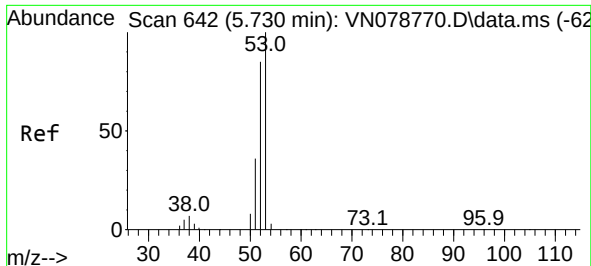
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#14
Allyl chloride
Concen: 18.458 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.018 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

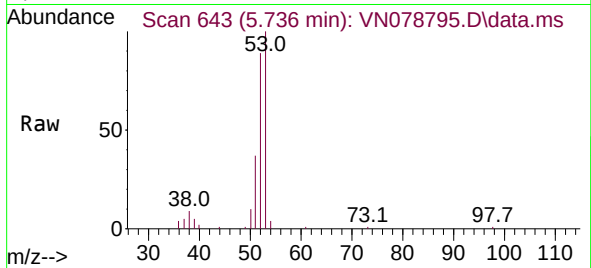
Tgt Ion: 41 Resp: 56021
Ion Ratio Lower Upper
41 100
39 79.1 58.8 88.2
76 37.3 39.1 58.7#





#15
Acrylonitrile
Concen: 87.773 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

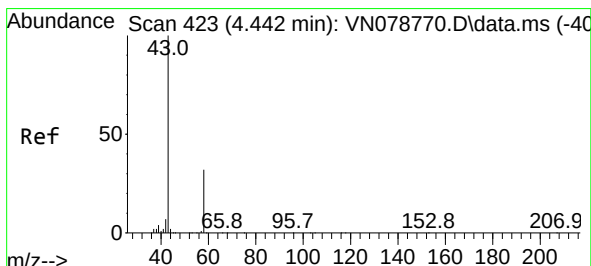
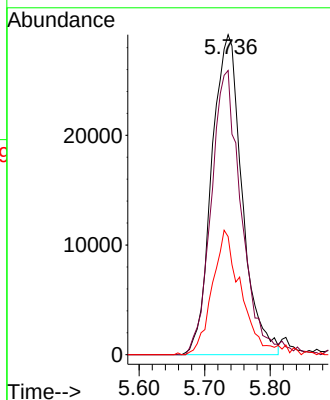
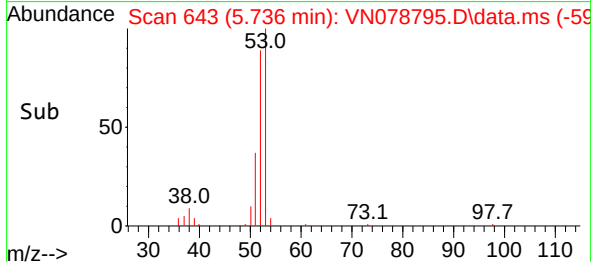
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01



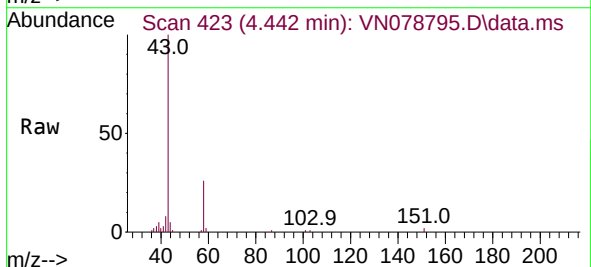
Tgt Ion: 53 Resp: 93800
Ion Ratio Lower Upper
53 100
52 88.9 65.3 97.9
51 36.5 28.9 43.3

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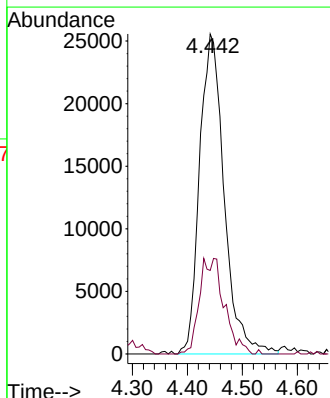
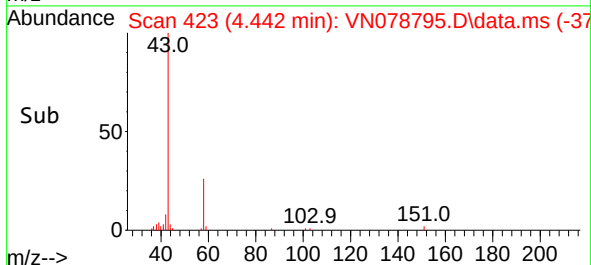
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

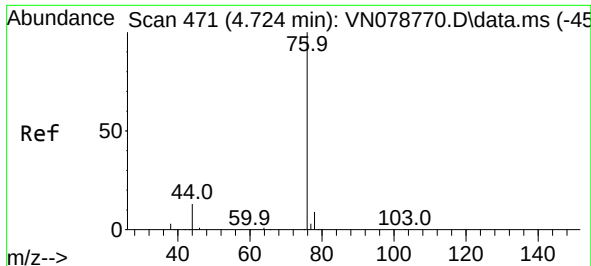


#16
Acetone
Concen: 88.183 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23



Tgt Ion: 43 Resp: 79333
Ion Ratio Lower Upper
43 100
58 26.1 28.0 42.0#





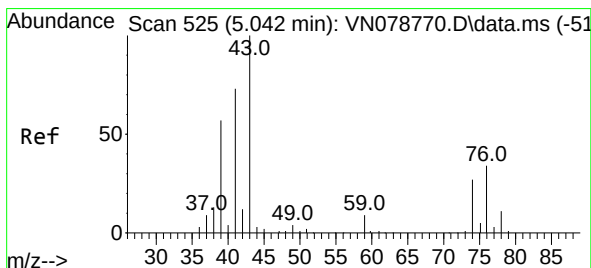
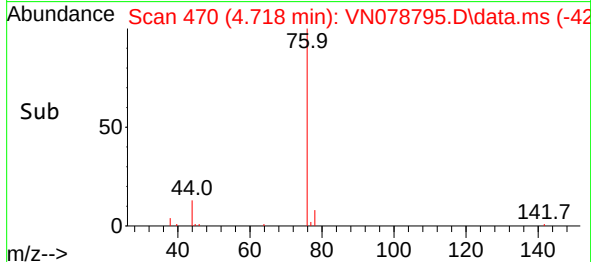
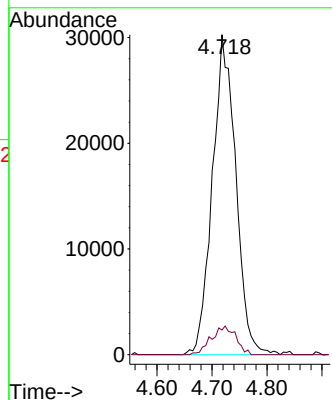
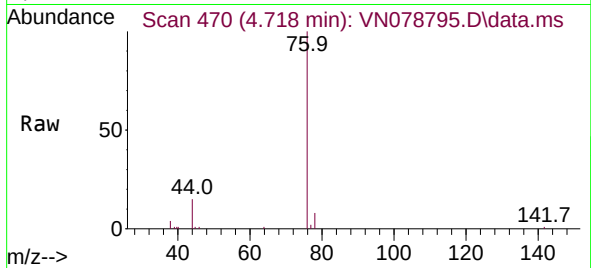
#17
Carbon Disulfide
Concen: 17.202 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

Tgt Ion: 76 Resp: 8944
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.0

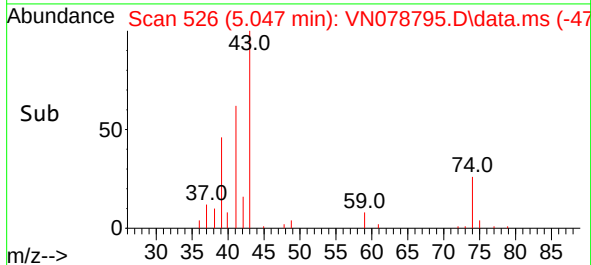
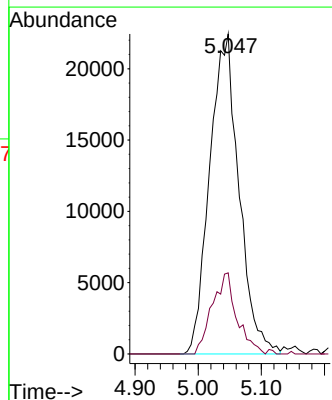
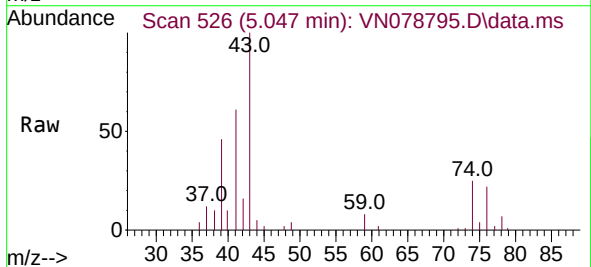
Manual Integrations
APPROVED

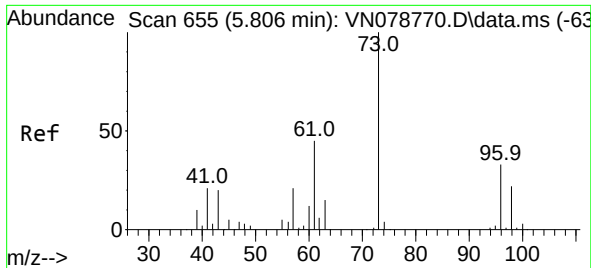
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#18
Methyl Acetate
Concen: 17.898 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

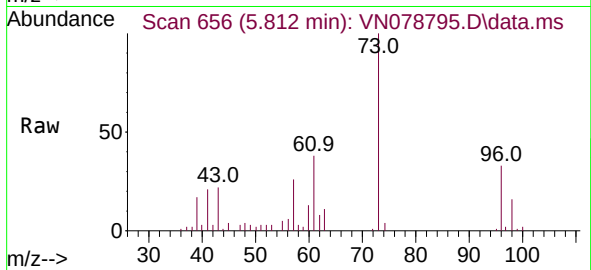
Tgt Ion: 43 Resp: 72319
Ion Ratio Lower Upper
43 100
74 21.3 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 18.815 ug/l
RT: 5.812 min Scan# 655
Delta R.T. 0.006 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

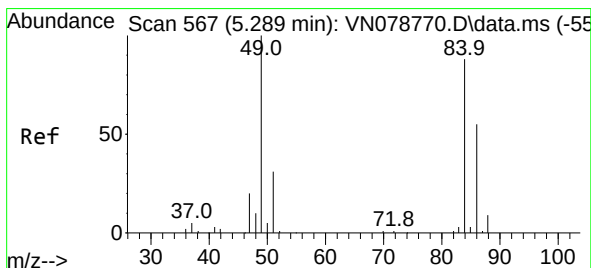
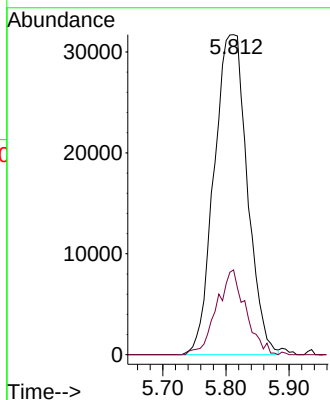
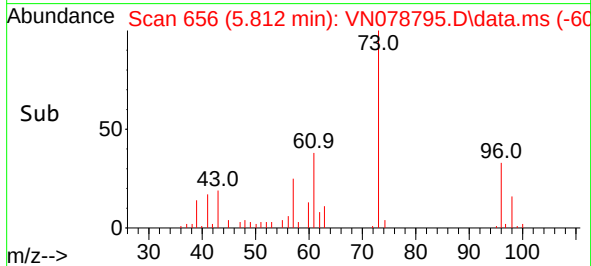
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01



Tgt Ion: 73 Resp: 11585
Ion Ratio Lower Upper
73 100
57 26.5 15.6 23.4

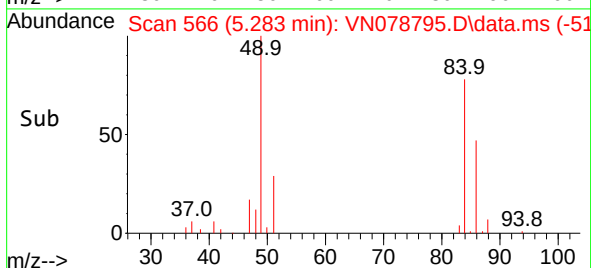
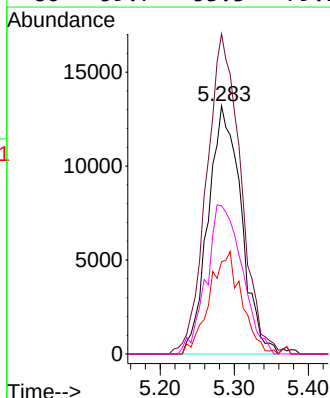
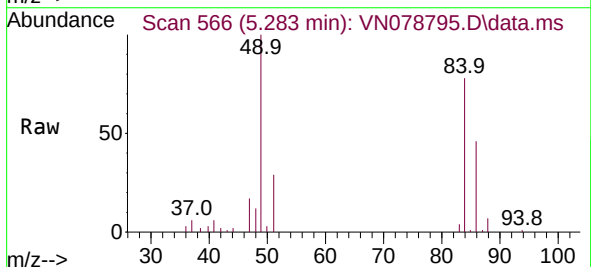
Manual Integrations
APPROVED

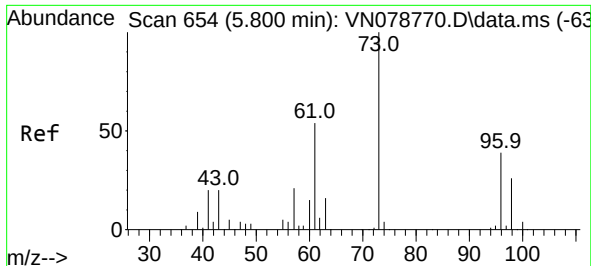
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#20
Methylene Chloride
Concen: 18.315 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.006 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

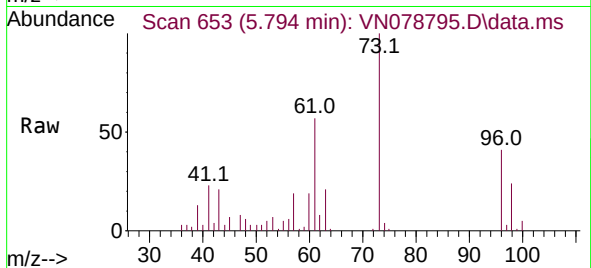
Tgt Ion: 84 Resp: 40808
Ion Ratio Lower Upper
84 100
49 127.3 79.7 119.5
51 37.1 25.2 37.8
86 59.7 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.431 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

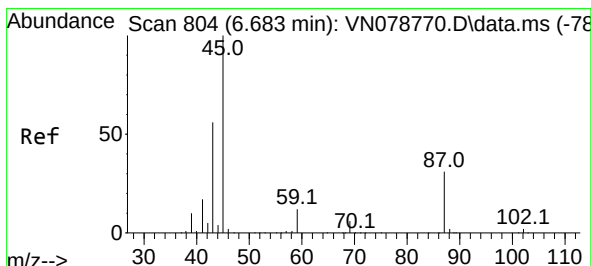
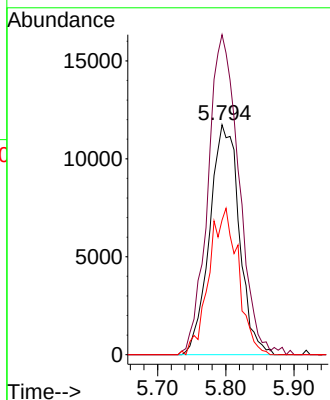
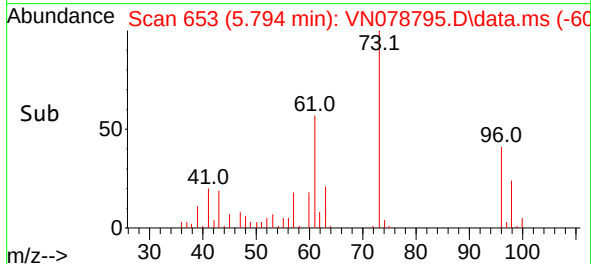
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01



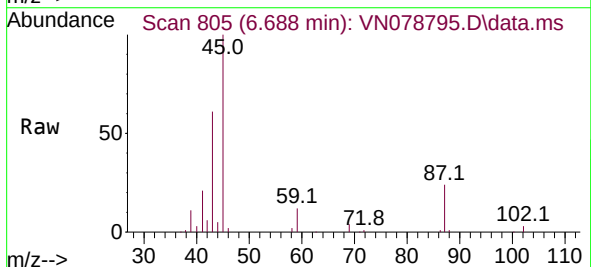
Tgt Ion: 96 Resp: 3555
Ion Ratio Lower Upper
96 100
61 139.1 90.1 135.1
98 58.5 46.4 69.6

Manual Integrations
APPROVED

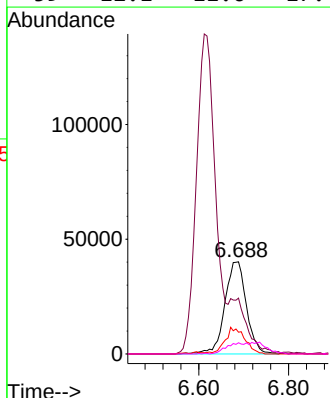
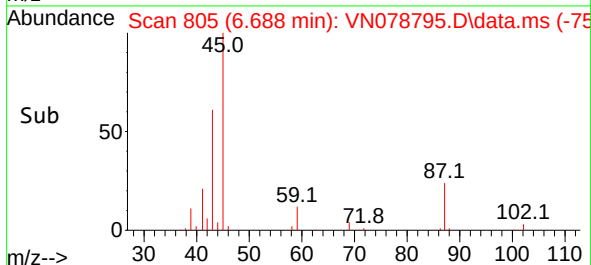
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

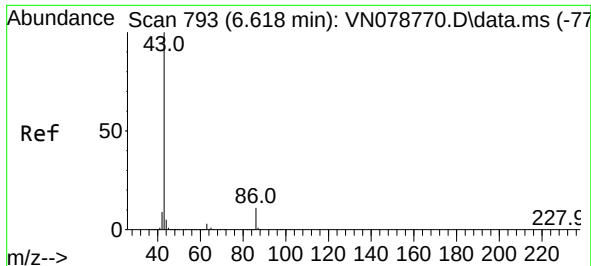


#22
Diisopropyl ether
Concen: 18.423 ug/l
RT: 6.688 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23



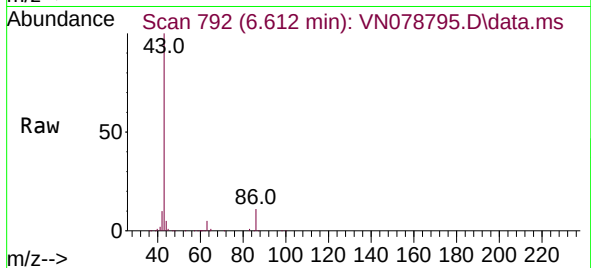
Tgt Ion: 45 Resp: 134334
Ion Ratio Lower Upper
45 100
43 59.4 45.5 68.3
87 23.6 31.8 47.8#
59 12.1 11.6 17.4





#23
Vinyl Acetate
Concen: 103.874 ug/l m
RT: 6.612 min Scan# 793
Delta R.T. -0.006 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

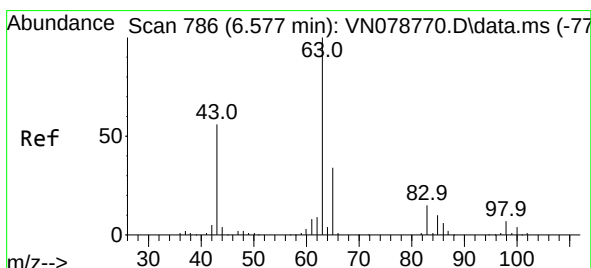
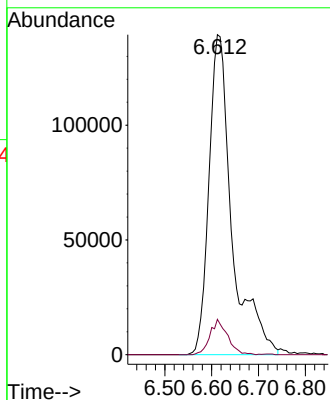
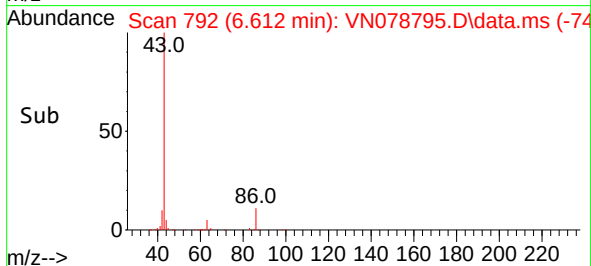
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01



Tgt Ion: 43 Resp: 47529
Ion Ratio Lower Upper
43 100
86 11.1 13.0 19.6

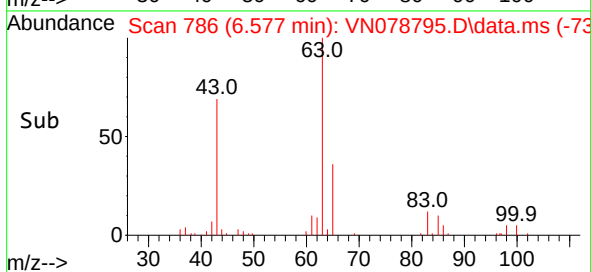
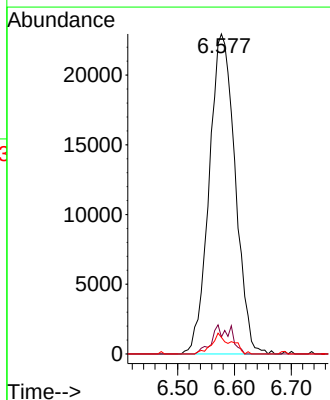
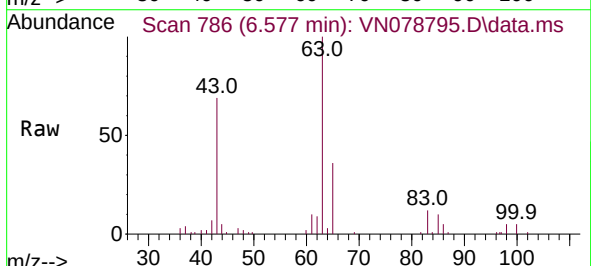
Manual Integrations
APPROVED

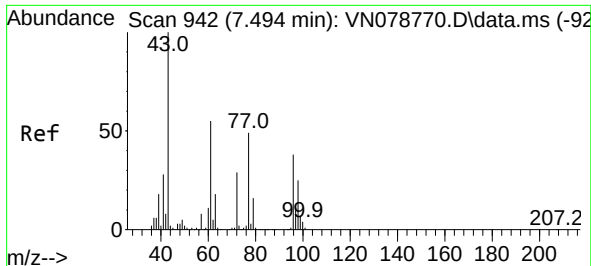
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#24
1,1-Dichloroethane
Concen: 18.402 ug/l
RT: 6.577 min Scan# 786
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

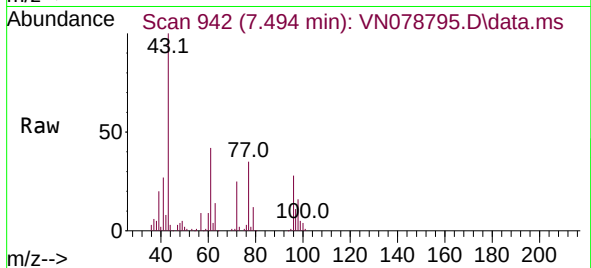
Tgt Ion: 63 Resp: 72963
Ion Ratio Lower Upper
63 100
98 5.3 3.9 11.7
100 5.2 2.5 7.4





#25
2-Butanone
Concen: 86.950 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

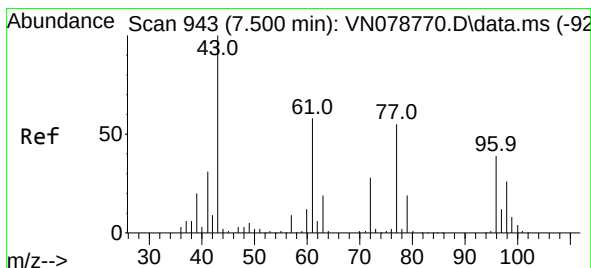
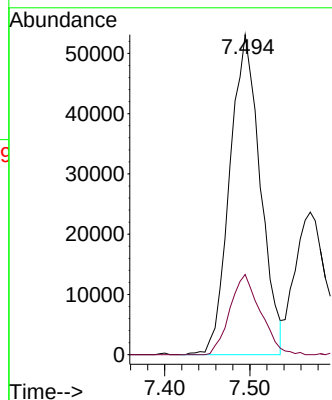
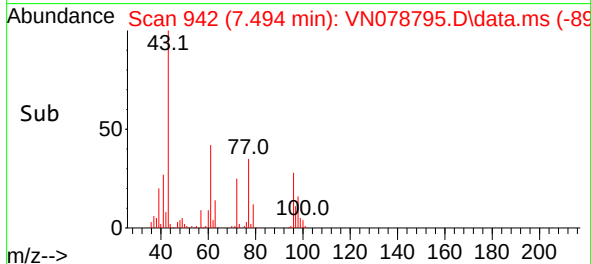
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01



Tgt Ion: 43 Resp: 13246
Ion Ratio Lower Upper
43 100
72 25.1 30.2 45.2

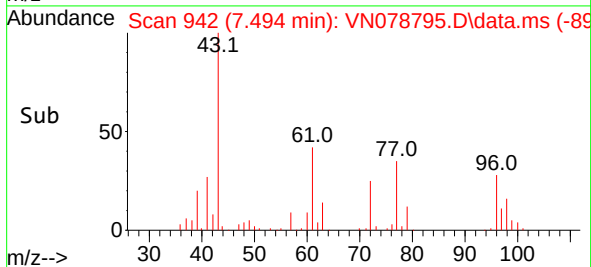
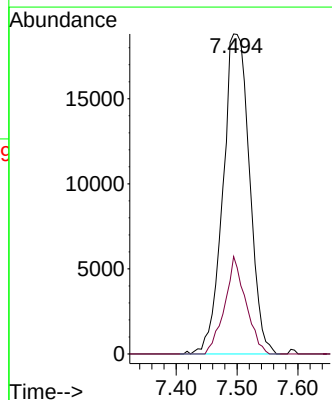
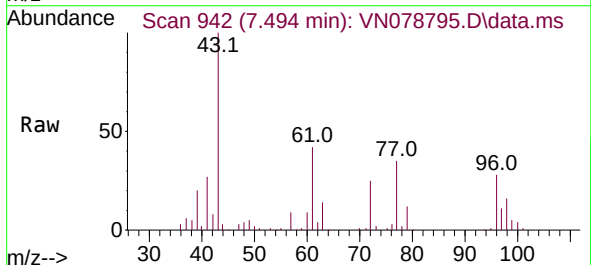
Manual Integrations
APPROVED

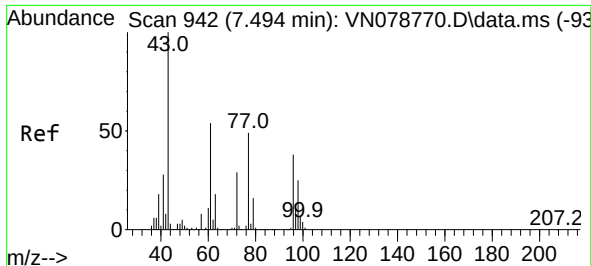
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#26
2,2-Dichloropropane
Concen: 20.534 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

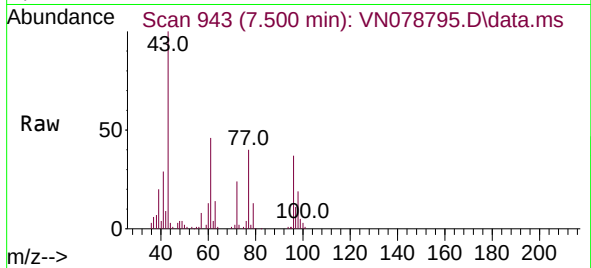
Tgt Ion: 77 Resp: 56856
Ion Ratio Lower Upper
77 100
97 24.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.482 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN078795.D
 Acq: 08 Aug 2023 12:23

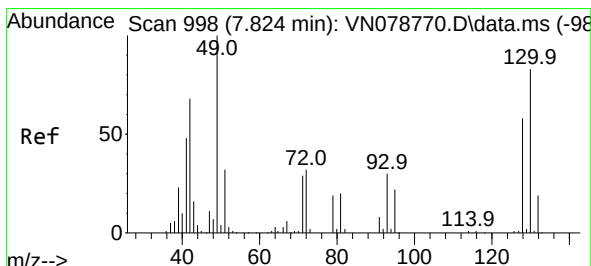
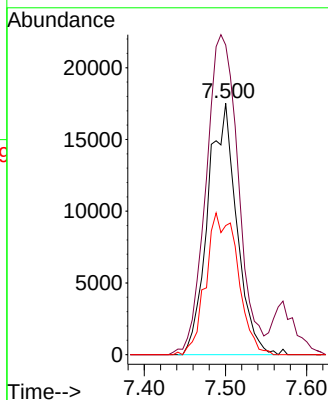
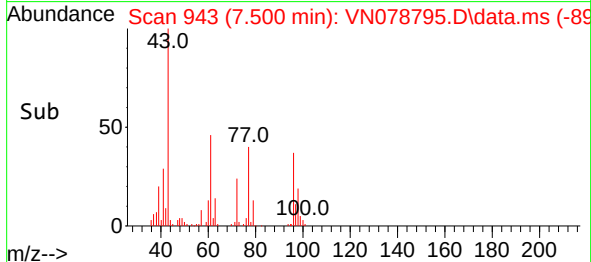
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBSD01



Tgt Ion: 96 Resp: 4328
 Ion Ratio Lower Upper
 96 100
 61 142.3 0.0 255.2
 98 62.5 0.0 128.8

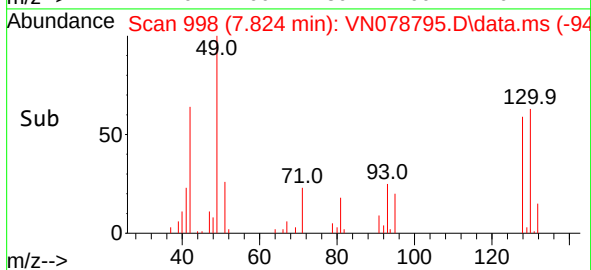
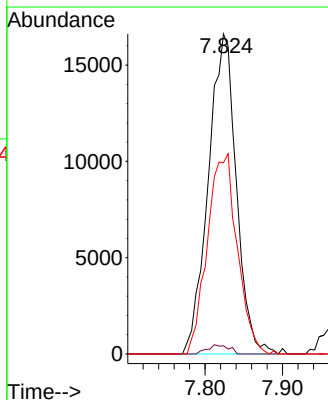
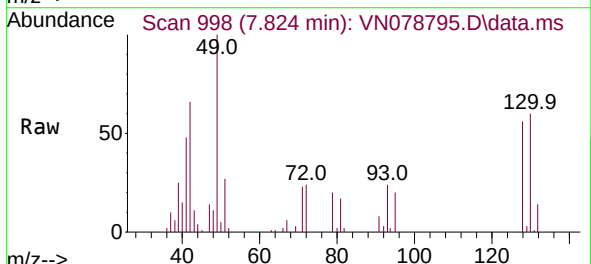
Manual Integrations
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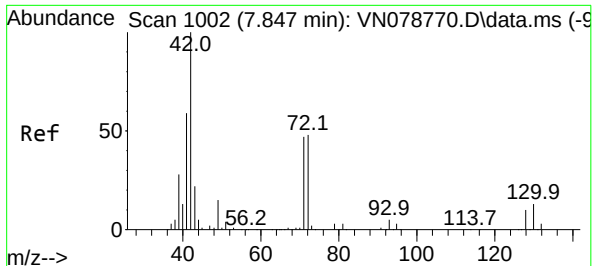
Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023



#28
 Bromochloromethane
 Concen: 19.461 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN078795.D
 Acq: 08 Aug 2023 12:23

Tgt Ion: 49 Resp: 41812
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 66.6 75.3 112.9#





#29

Tetrahydrofuran

Concen: 88.964 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078795.D

Acq: 08 Aug 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBSD01

Tgt Ion: 42 Resp: 9069

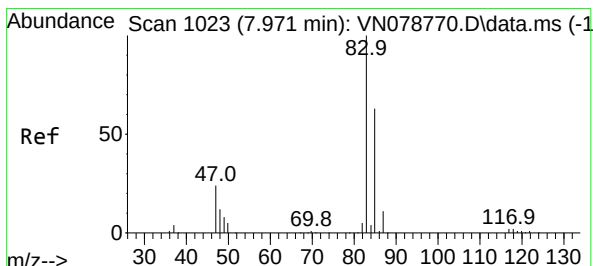
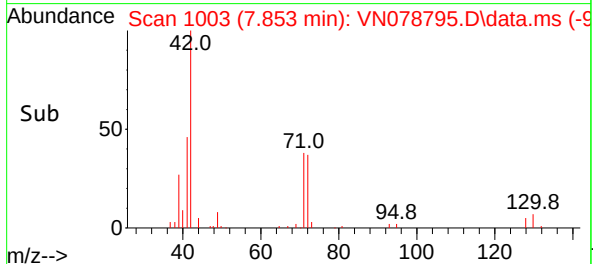
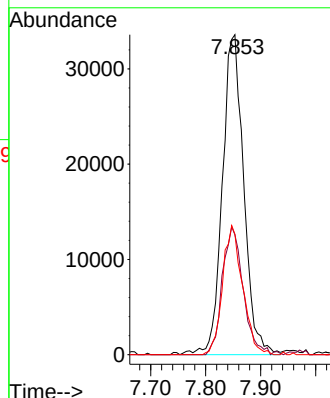
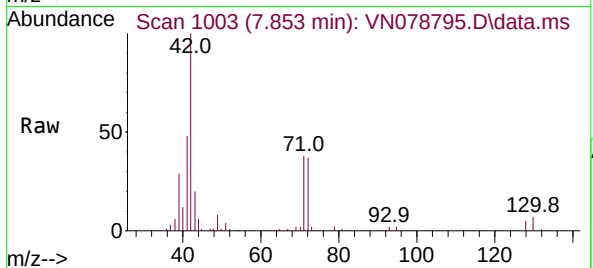
Ion	Ratio	Lower	Upper
42	100		
72	38.9	49.8	74.6
71	37.9	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#30

Chloroform

Concen: 18.199 ug/l

RT: 7.971 min Scan# 1023

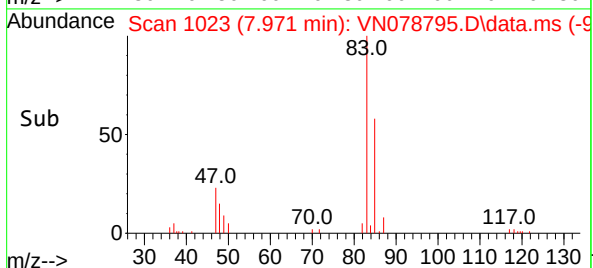
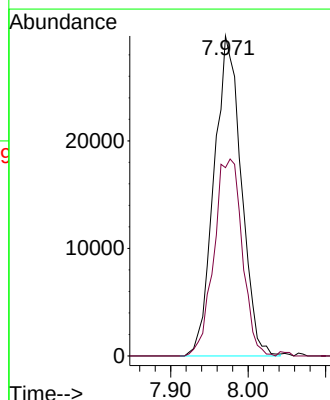
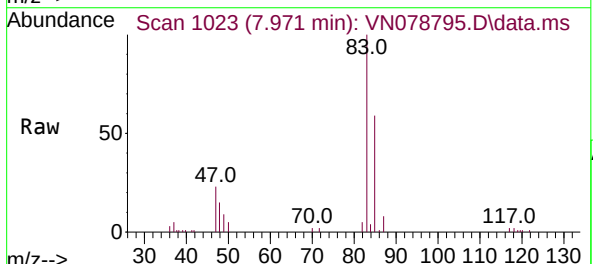
Delta R.T. -0.000 min

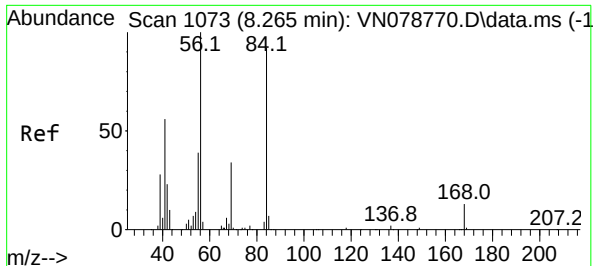
Lab File: VN078795.D

Acq: 08 Aug 2023 12:23

Tgt Ion: 83 Resp: 72672

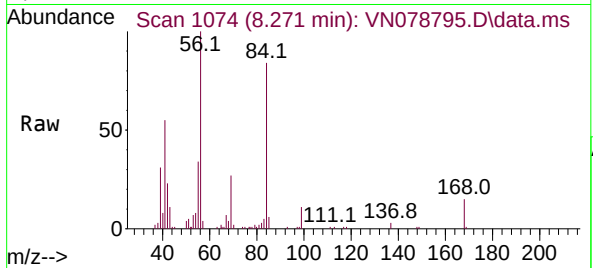
Ion	Ratio	Lower	Upper
83	100		
85	58.8	55.4	83.0





#31
Cyclohexane
Concen: 18.341 ug/l
RT: 8.271 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

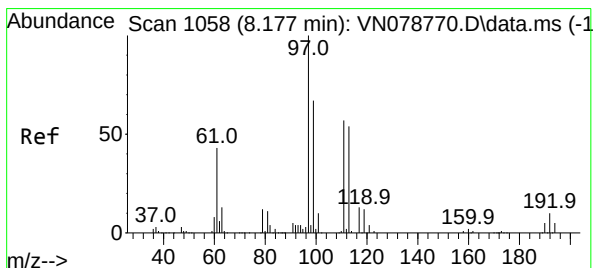
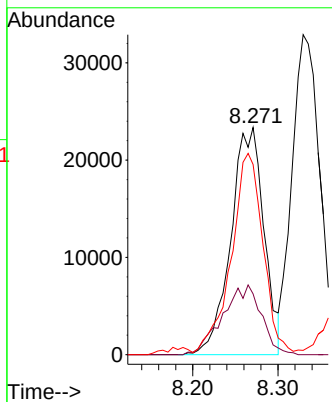
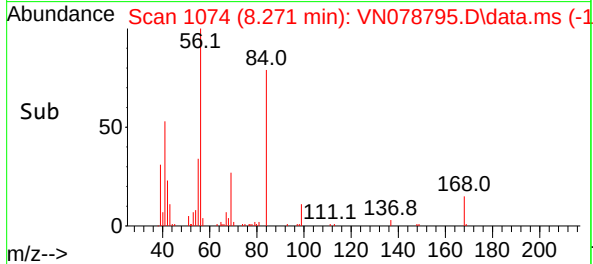
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01



Tgt Ion: 56 Resp: 63010
Ion Ratio Lower Upper
56 100
69 26.7 26.8 40.2
84 81.5 81.8 122.6

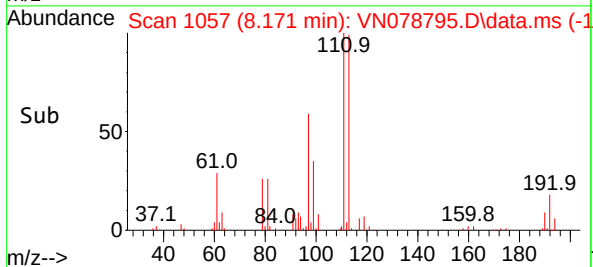
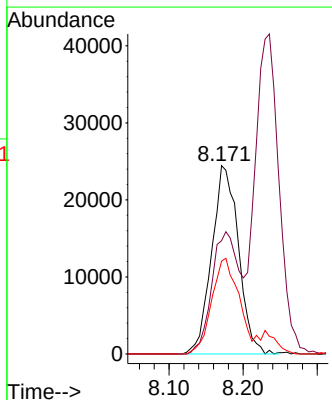
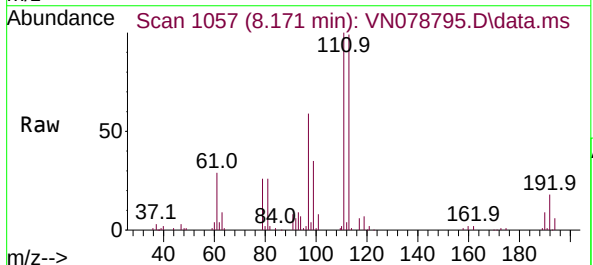
Manual Integrations
APPROVED

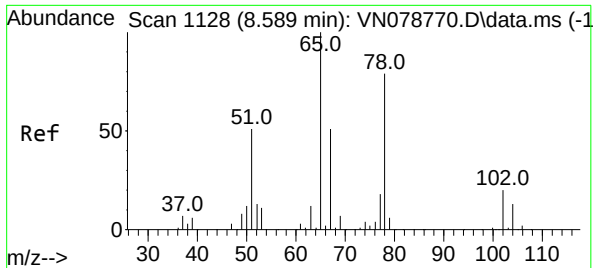
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#32
1,1,1-Trichloroethane
Concen: 18.049 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

Tgt Ion: 97 Resp: 61262
Ion Ratio Lower Upper
97 100
99 66.4 50.3 75.5
61 51.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.660 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN078795.D

Acq: 08 Aug 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBSD01

Tgt Ion: 65 Resp: 11845

Ion Ratio Lower Upper

65 100

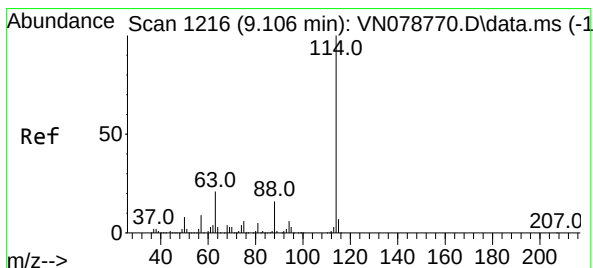
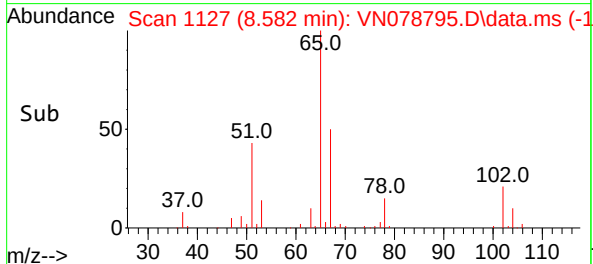
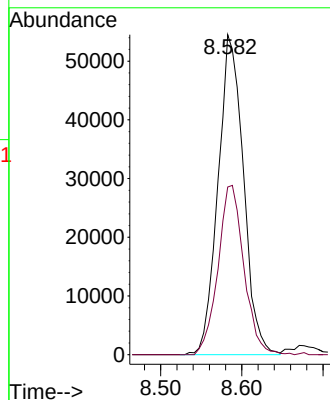
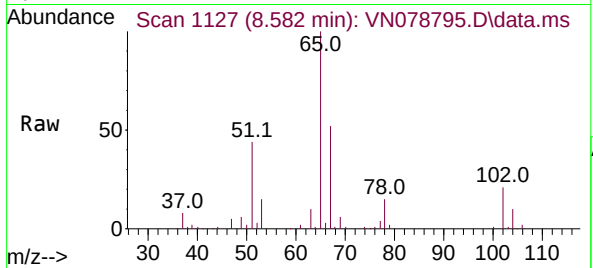
67 54.1 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078795.D

Acq: 08 Aug 2023 12:23

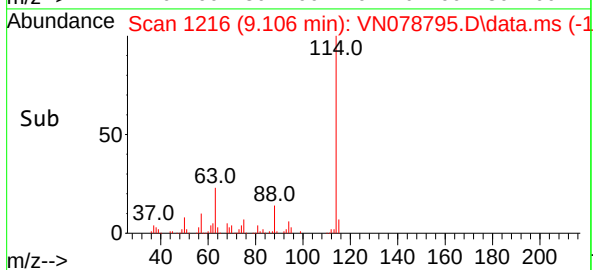
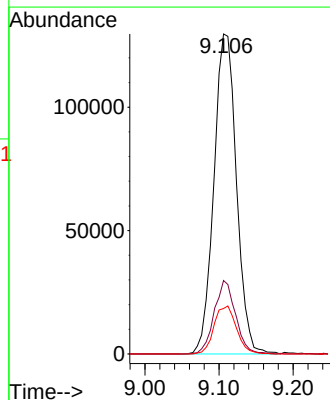
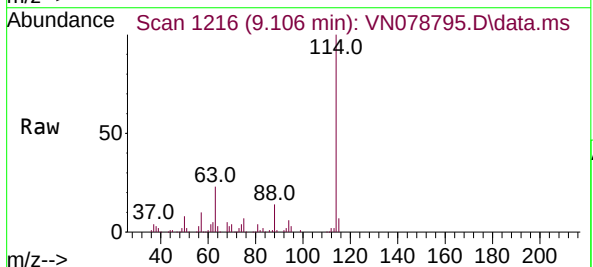
Tgt Ion:114 Resp: 274103

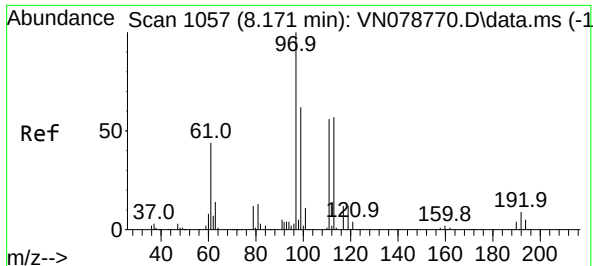
Ion Ratio Lower Upper

114 100

63 23.0 0.0 36.4

88 14.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.725 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN078795.D

Acq: 08 Aug 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBSD01

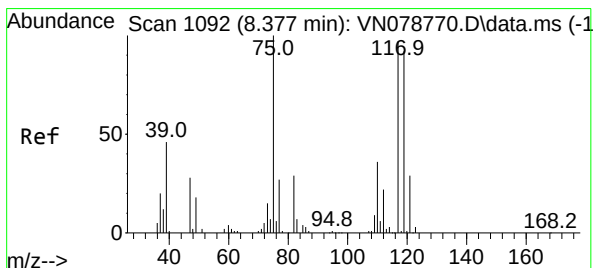
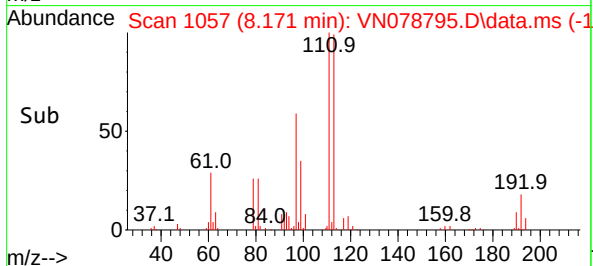
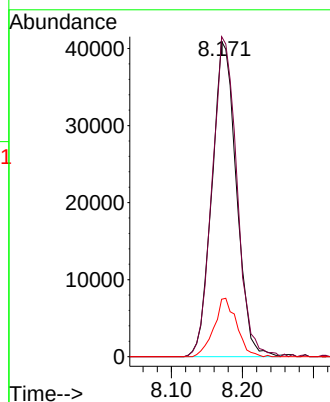
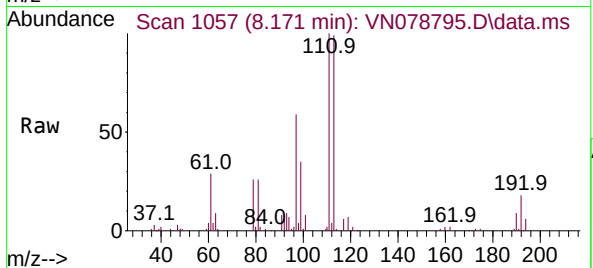
Tgt Ion:	113	Resp:	97590
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	123.8
192	17.2	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#36

1,1-Dichloropropene

Concen: 18.571 ug/l

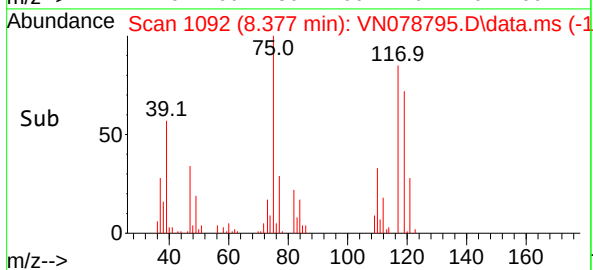
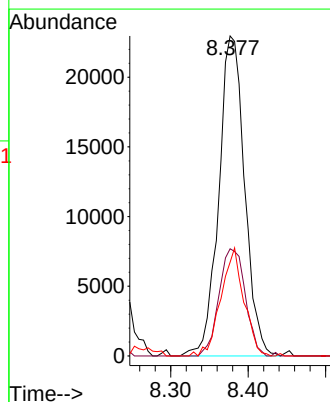
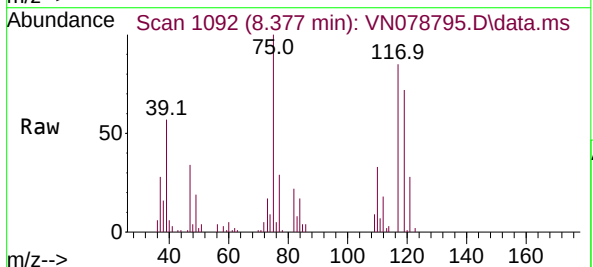
RT: 8.377 min Scan# 1092

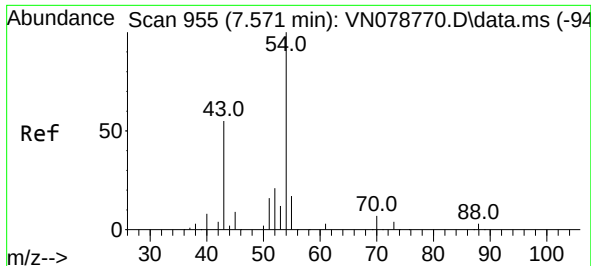
Delta R.T. -0.000 min

Lab File: VN078795.D

Acq: 08 Aug 2023 12:23

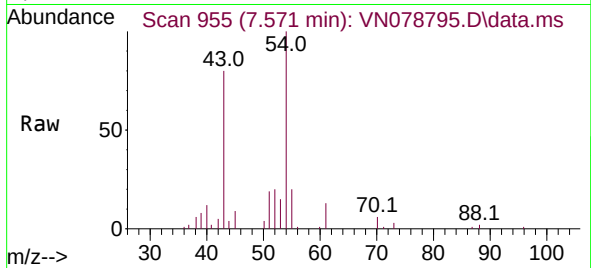
Tgt Ion:	75	Resp:	53330
Ion	Ratio	Lower	Upper
75	100		
110	34.0	19.1	57.3
77	30.0	25.0	37.4





#37
Ethyl Acetate
Concen: 20.266 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

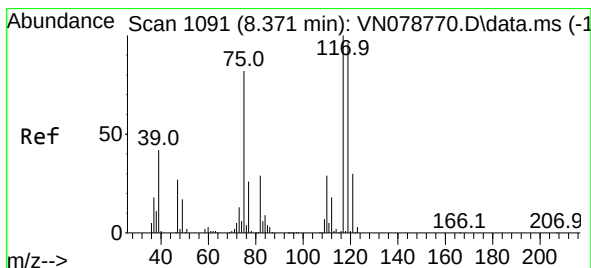
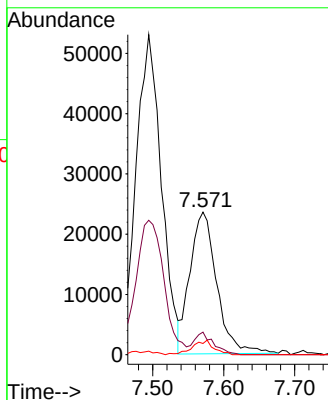
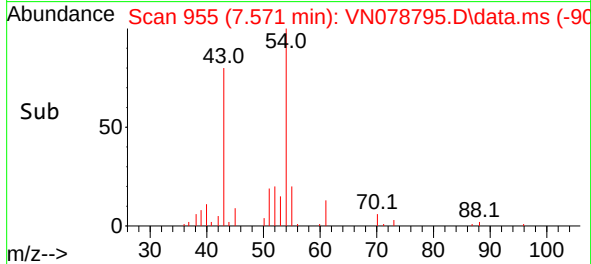
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01



Tgt Ion: 43 Resp: 61878
Ion Ratio Lower Upper
43 100
61 11.7 13.2 19.8
70 8.0 11.3 16.9

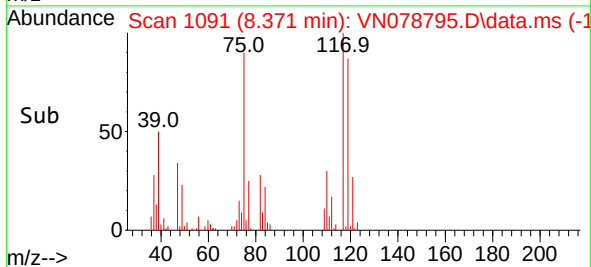
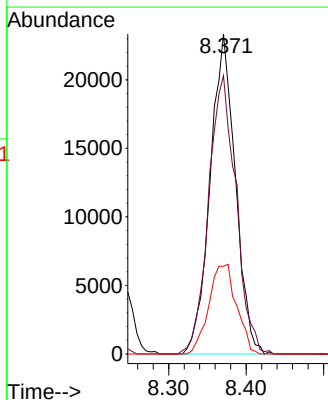
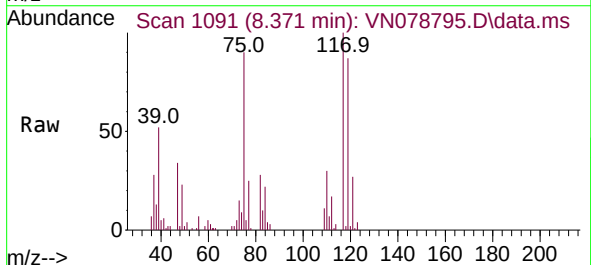
Manual Integrations
APPROVED

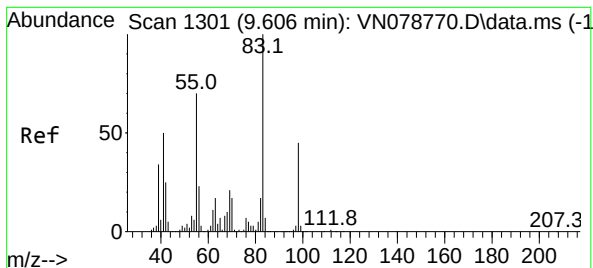
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#38
Carbon Tetrachloride
Concen: 17.842 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

Tgt Ion:117 Resp: 52821
Ion Ratio Lower Upper
117 100
119 87.0 77.3 115.9
121 27.4 23.3 34.9





#39

Methylcyclohexane

Concen: 18.858 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN078795.D

Acq: 08 Aug 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBSD01

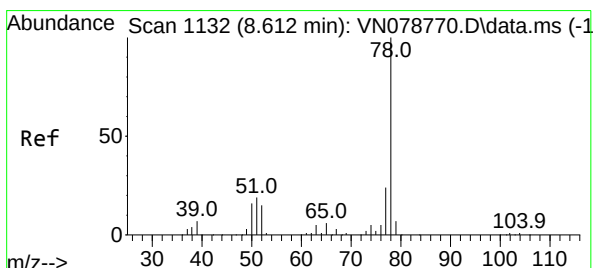
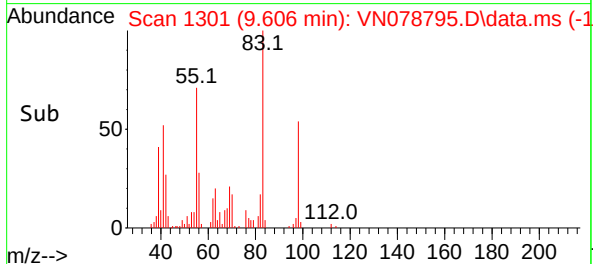
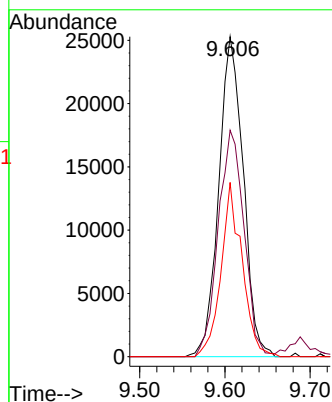
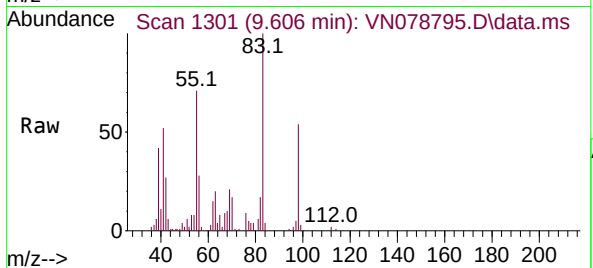
Tgt Ion:	83	Resp:	5058
Ion Ratio	Lower	Upper	
83	100		
55	70.8	49.1	73.7
98	54.5	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#40

Benzene

Concen: 18.258 ug/l

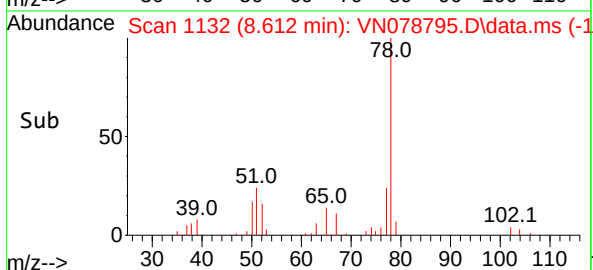
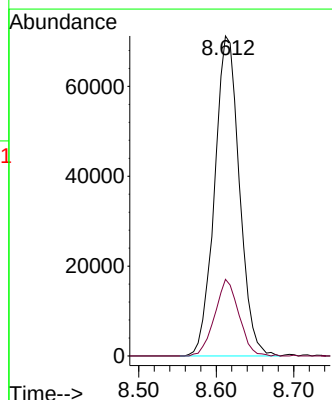
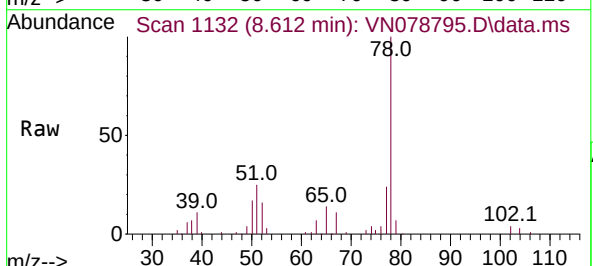
RT: 8.612 min Scan# 1132

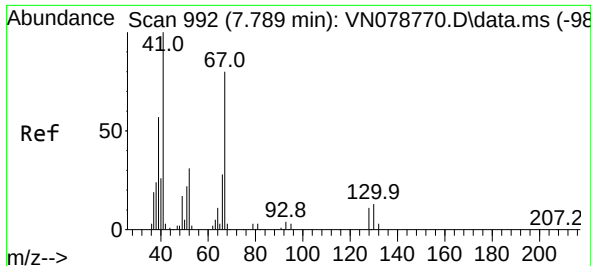
Delta R.T. -0.000 min

Lab File: VN078795.D

Acq: 08 Aug 2023 12:23

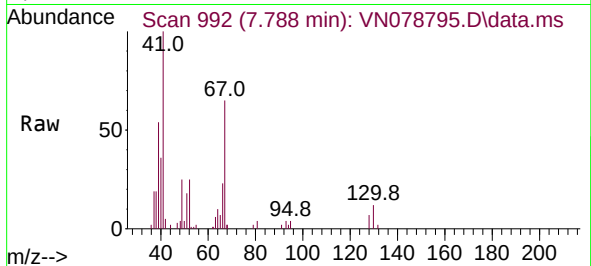
Tgt Ion:	78	Resp:	158585
Ion Ratio	Lower	Upper	
78	100		
77	23.9	19.0	28.6





#41
Methacrylonitrile
Concen: 16.541 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

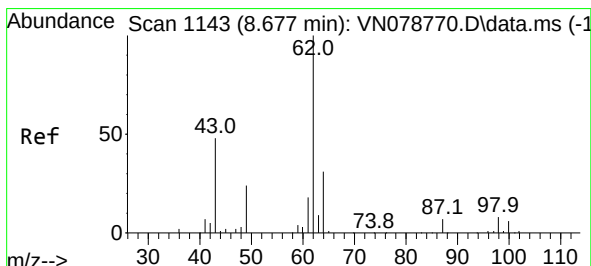
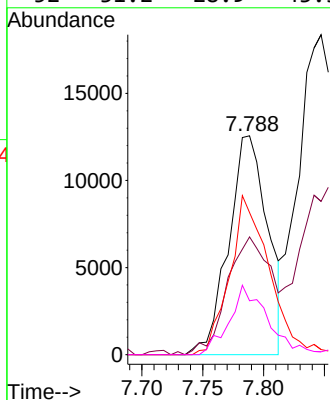
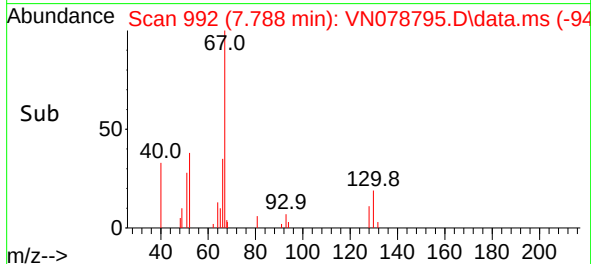
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01



Tgt Ion:	41	Resp:	2808
Ion Ratio	100	Lower	Upper
39	60.1	42.6	64.0
67	73.5	77.5	116.3
52	31.2	28.9	43.3

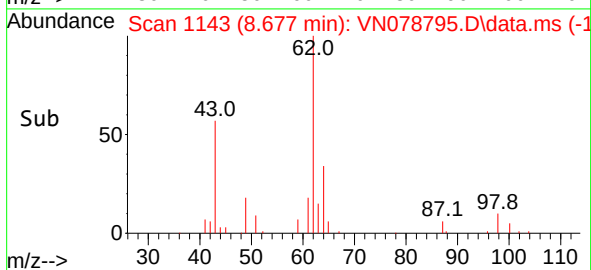
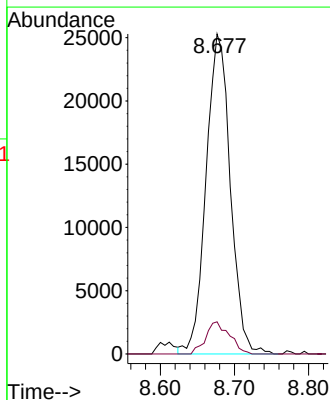
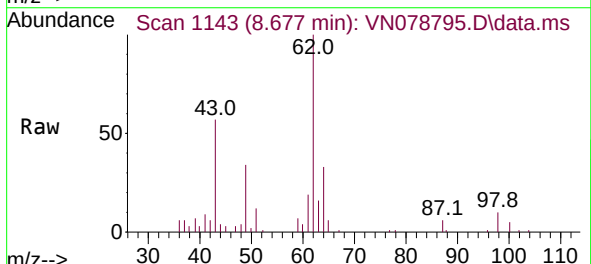
Manual Integrations
APPROVED

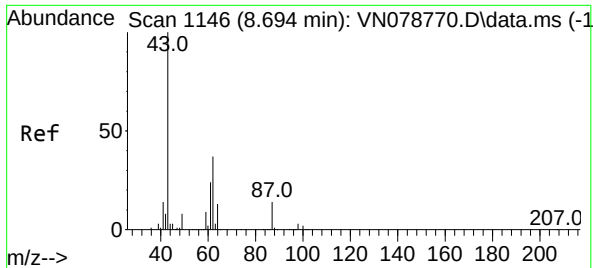
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#42
1,2-Dichloroethane
Concen: 18.447 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

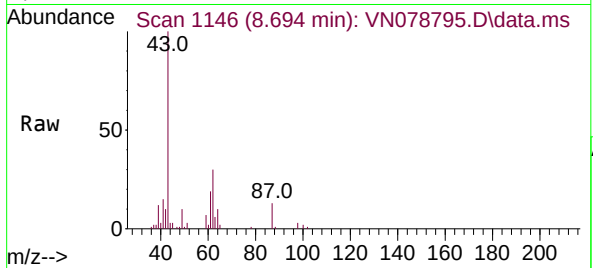
Tgt Ion:	62	Resp:	57591
Ion Ratio	100	Lower	Upper
98	9.8	0.0	19.8





#43
Isopropyl Acetate
Concen: 17.800 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

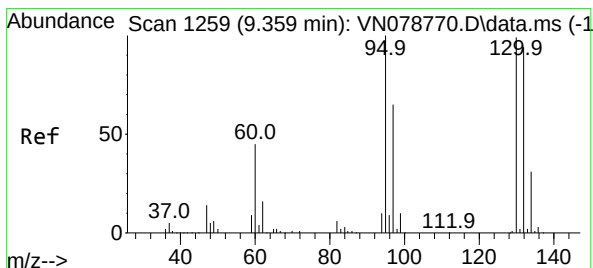
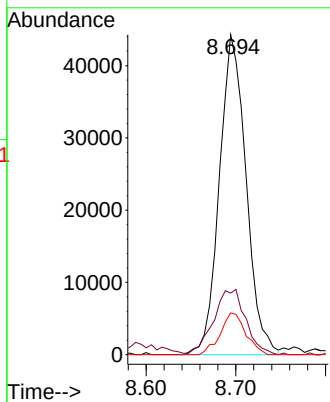
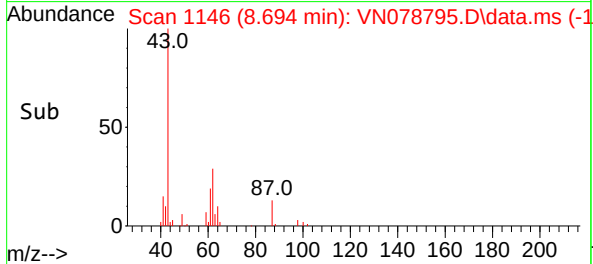
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01



Tgt Ion: 43 Resp: 91632
Ion Ratio Lower Upper
43 100
61 24.5 24.7 37.1
87 12.4 14.6 21.8

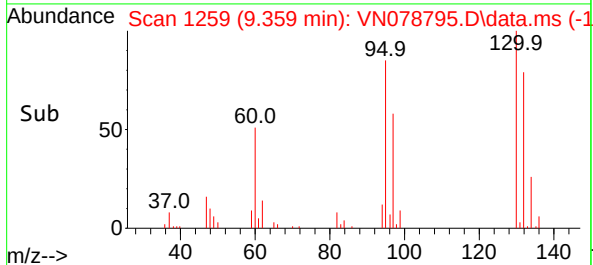
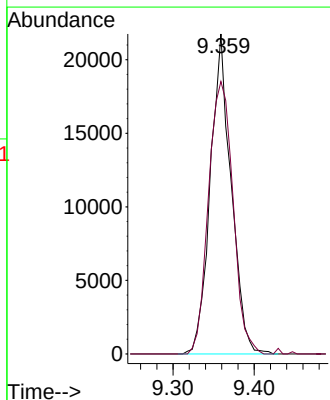
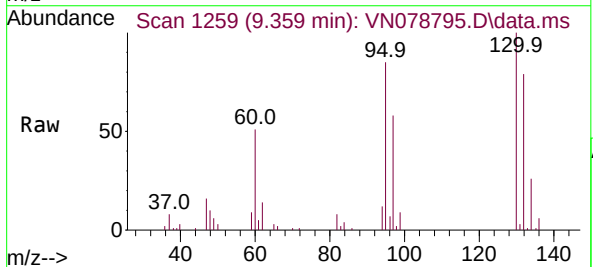
Manual Integrations
APPROVED

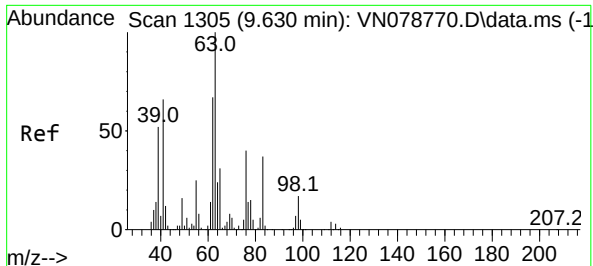
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#44
Trichloroethene
Concen: 18.219 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

Tgt Ion:130 Resp: 38756
Ion Ratio Lower Upper
130 100
95 85.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.549 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VN078795.D

Acq: 08 Aug 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBSD01

Tgt Ion: 63 Resp: 4319

Ion Ratio Lower Upper

63 100

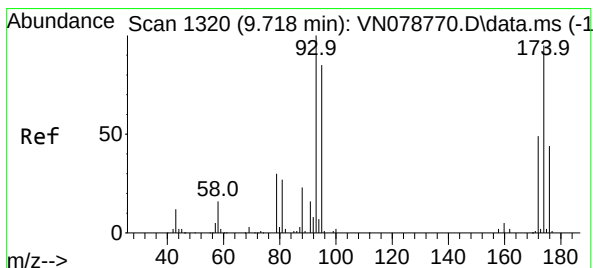
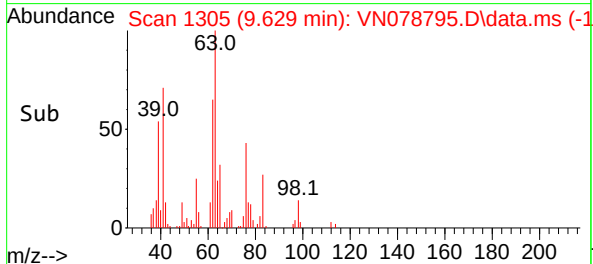
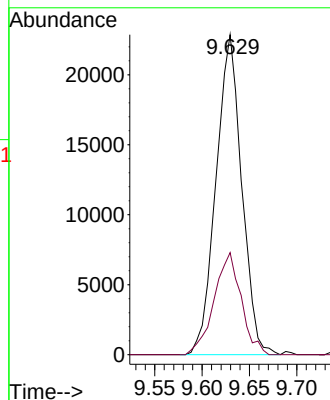
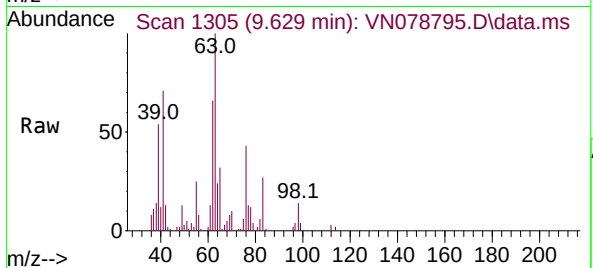
65 31.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#46

Dibromomethane

Concen: 17.434 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078795.D

Acq: 08 Aug 2023 12:23

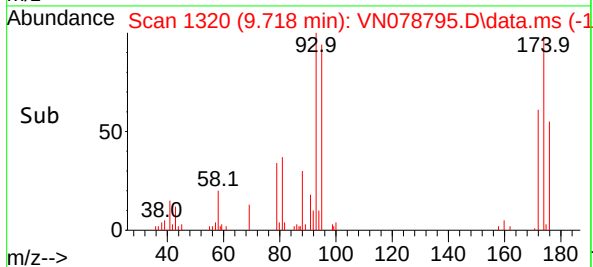
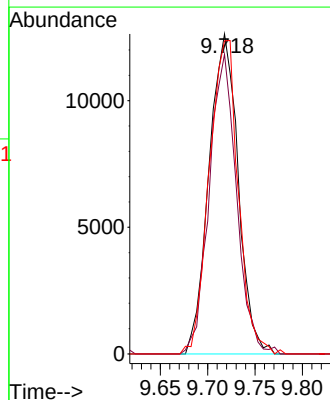
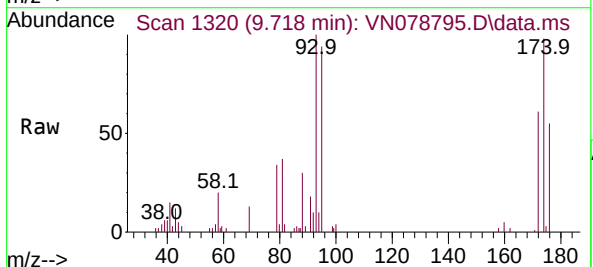
Tgt Ion: 93 Resp: 27018

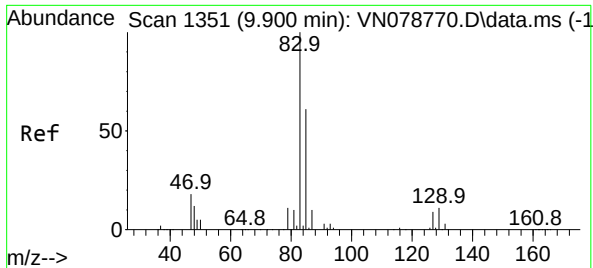
Ion Ratio Lower Upper

93 100

95 87.9 63.8 95.8

174 97.8 65.6 98.4





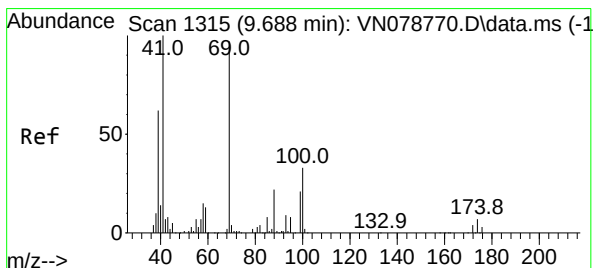
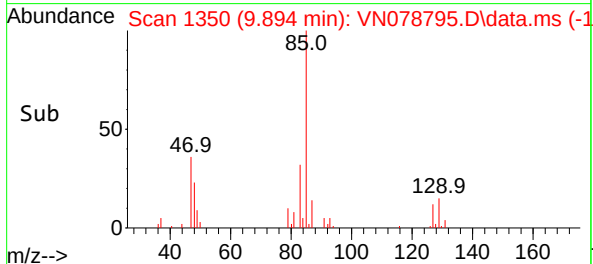
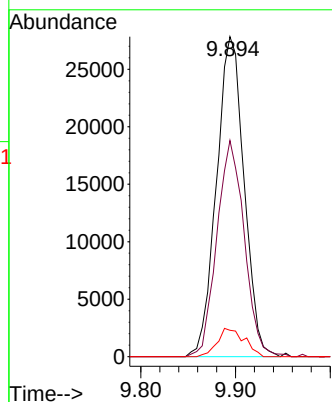
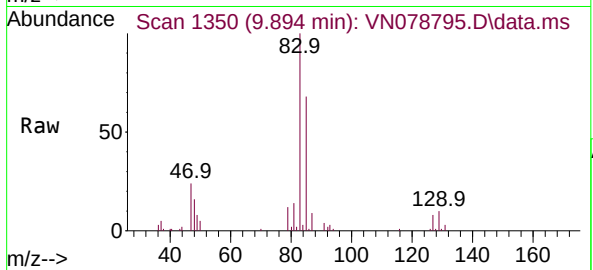
#47
Bromodichloromethane
Concen: 18.314 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.006 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

Tgt Ion: 83 Resp: 5649
Ion Ratio Lower Upper
83 100
85 67.6 49.6 74.4
127 8.2 7.0 10.6

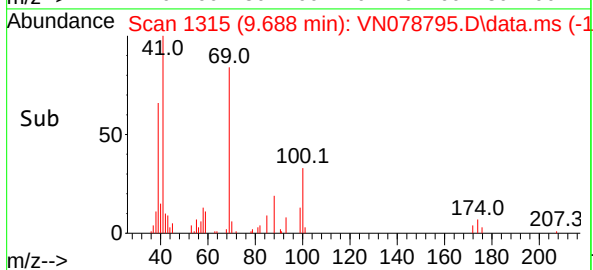
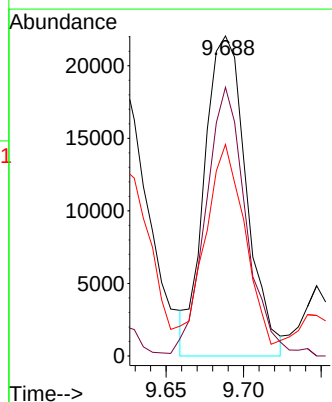
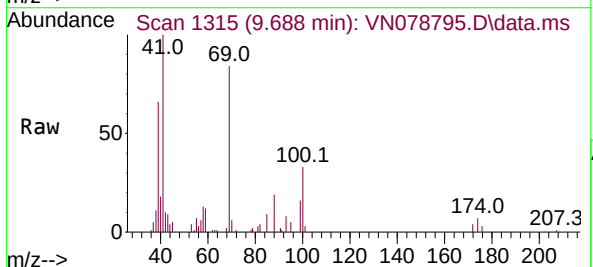
Manual Integrations
APPROVED

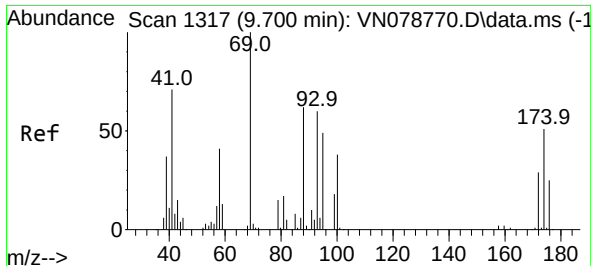
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#48
Methyl methacrylate
Concen: 17.462 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

Tgt Ion: 41 Resp: 41535
Ion Ratio Lower Upper
41 100
69 81.1 90.4 135.6#
39 66.3 54.6 81.8





#49

1,4-Dioxane

Concen: 386.415 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078795.D

Acq: 08 Aug 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBSD01

Tgt Ion: 88 Resp: 1492

Ion Ratio Lower Upper

88 100

43 37.4 17.0 25.6

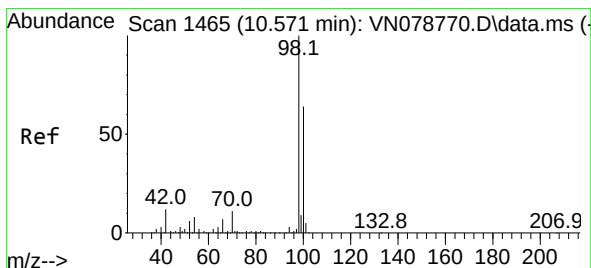
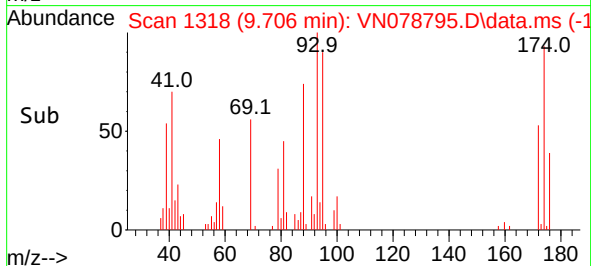
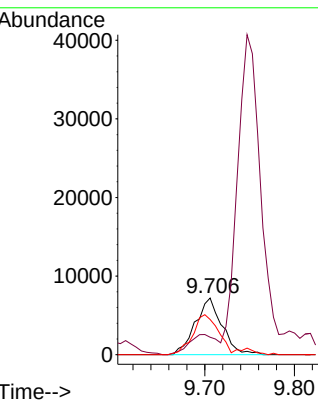
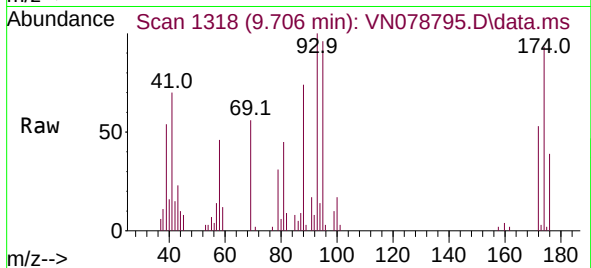
58 70.1 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#50

Toluene-d8

Concen: 52.490 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078795.D

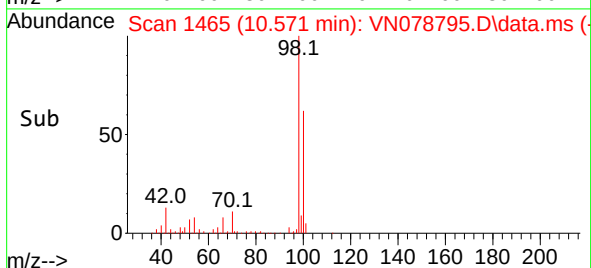
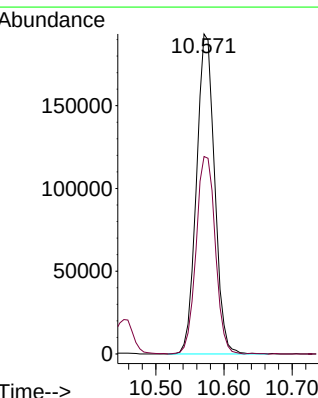
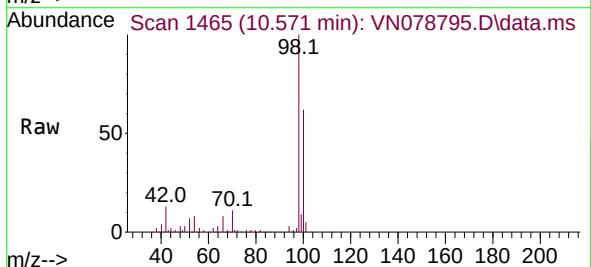
Acq: 08 Aug 2023 12:23

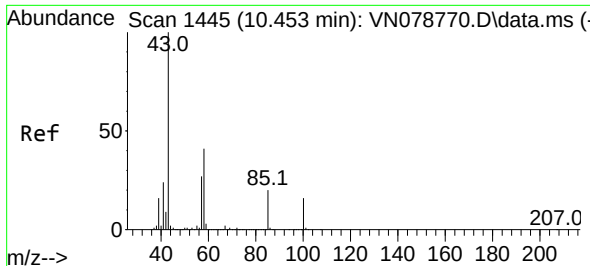
Tgt Ion: 98 Resp: 357551

Ion Ratio Lower Upper

98 100

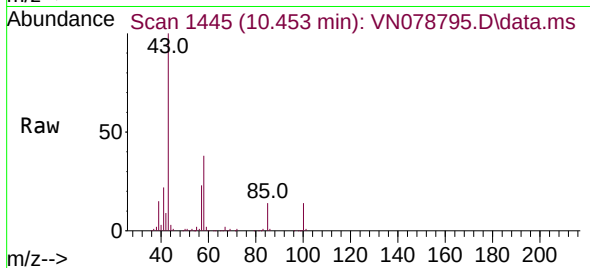
100 65.2 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 89.878 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

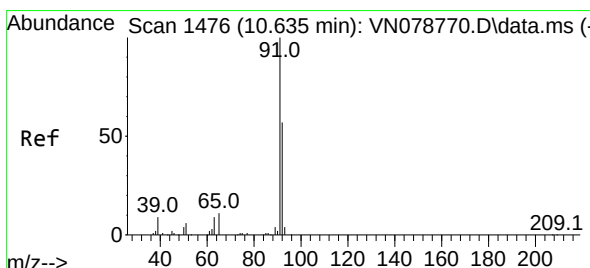
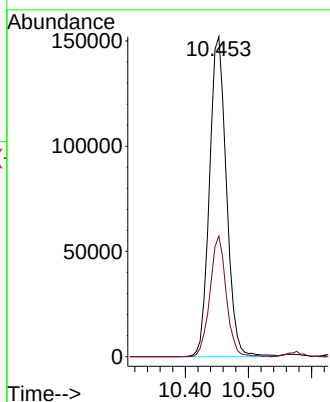
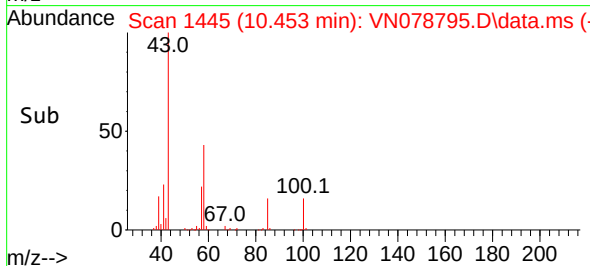
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01



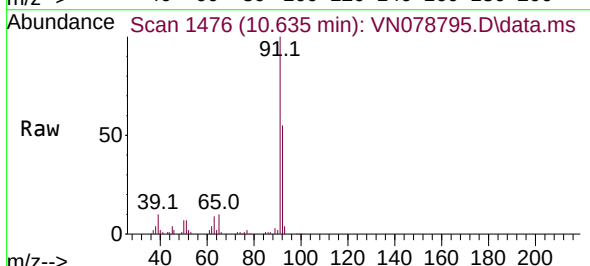
Tgt Ion: 43 Resp: 283397
Ion Ratio Lower Upper
43 100
58 36.3 36.6 54.8

Manual Integrations
APPROVED

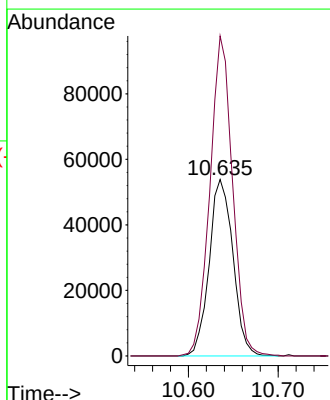
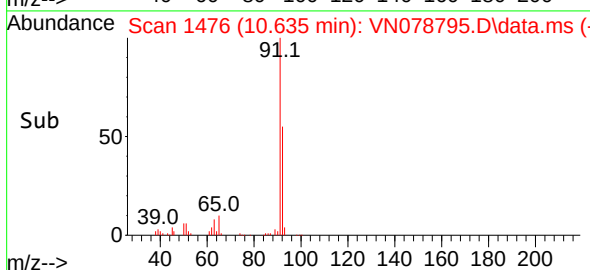
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

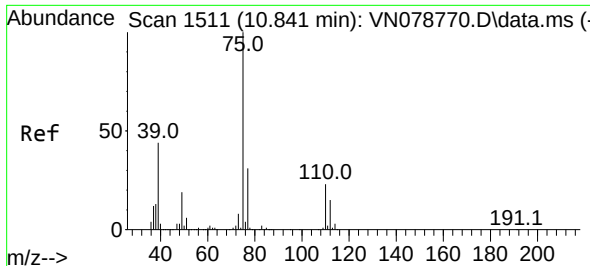


#52
Toluene
Concen: 18.676 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23



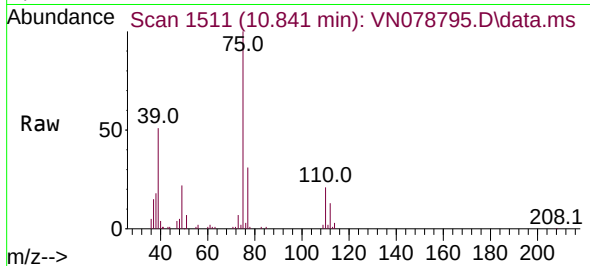
Tgt Ion: 92 Resp: 99071
Ion Ratio Lower Upper
92 100
91 172.6 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.359 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

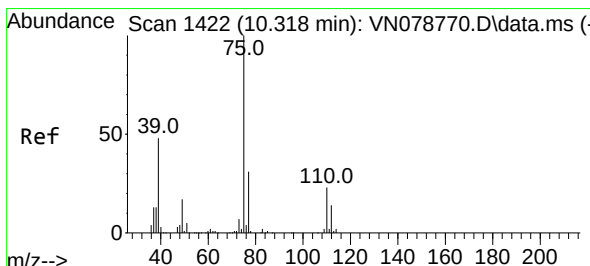
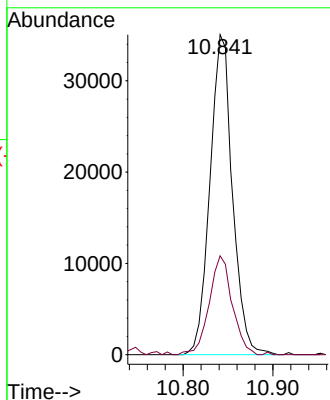
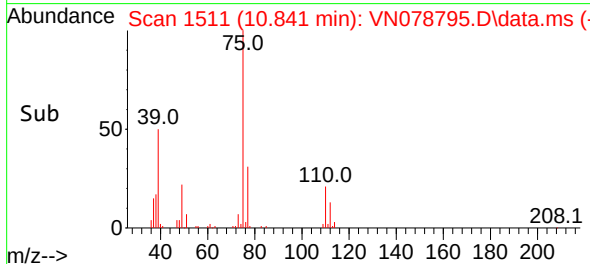
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01



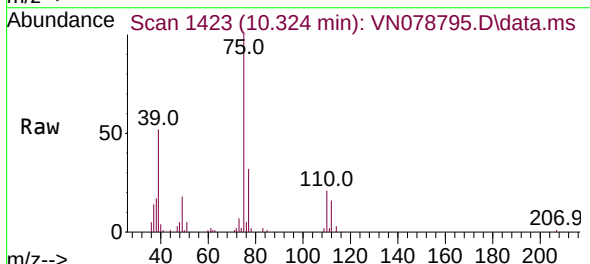
Tgt Ion: 75 Resp: 6101
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0

Manual Integrations
APPROVED

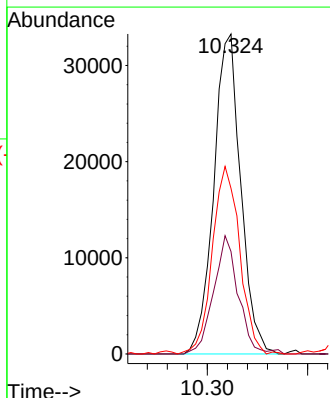
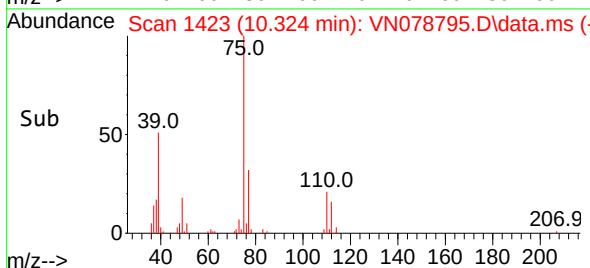
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

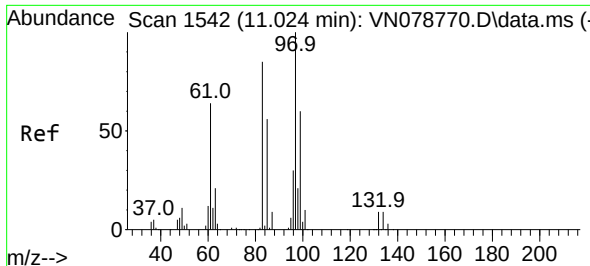


#54
cis-1,3-Dichloropropene
Concen: 18.148 ug/l
RT: 10.324 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23



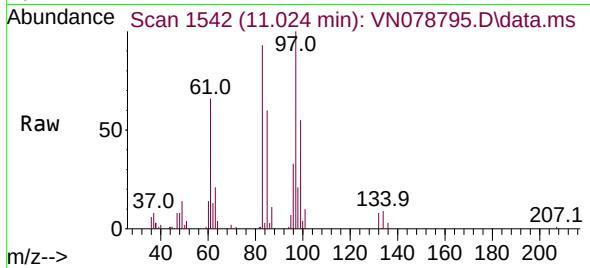
Tgt Ion: 75 Resp: 62140
Ion Ratio Lower Upper
75 100
77 32.0 26.1 39.1
39 51.7 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 18.147 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

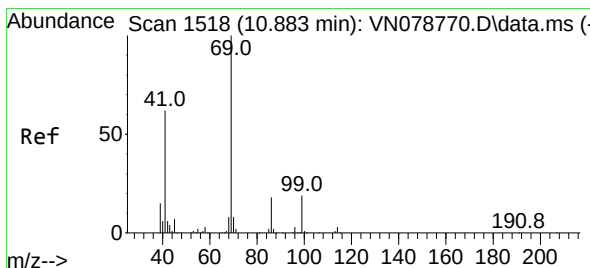
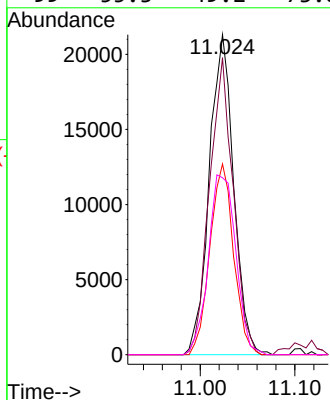
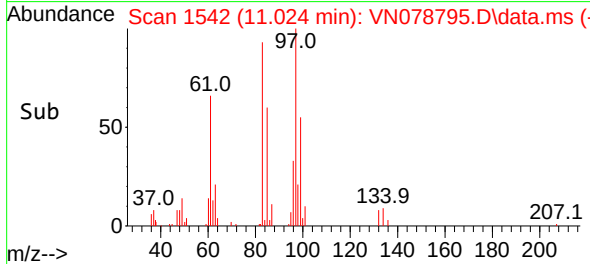
Instrument : MSVOA_N
ClientSampleId : VN0808WBSD01



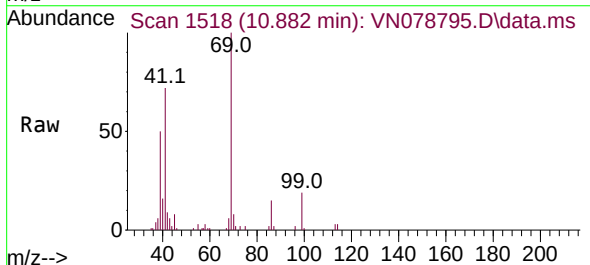
Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.8	65.1	97.7
85	59.6	43.4	65.2
99	55.3	49.2	73.8

Manual Integrations
APPROVED

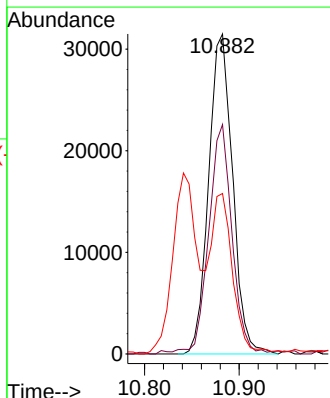
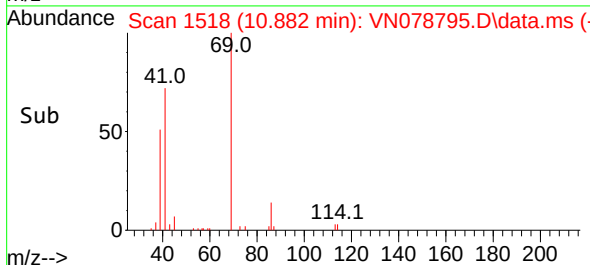
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

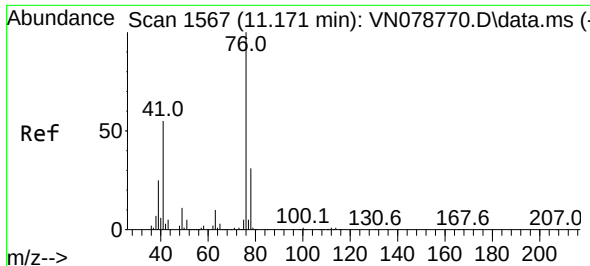


#56
Ethyl methacrylate
Concen: 18.067 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23



Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.0	39.6	59.4
39	42.9	28.6	43.0





#57

1,3-Dichloropropane

Concen: 17.859 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078795.D

Acq: 08 Aug 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBSD01

Tgt Ion: 76 Resp: 65469

Ion Ratio Lower Upper

76 100

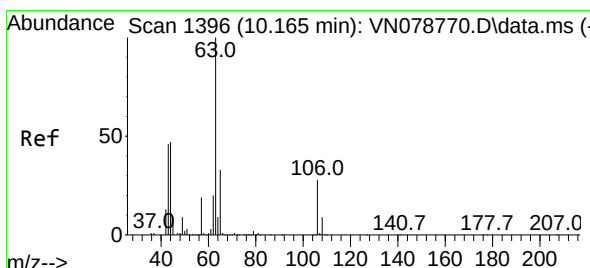
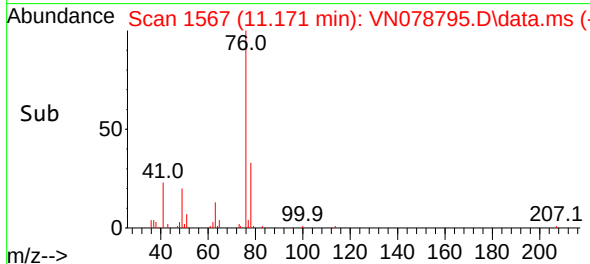
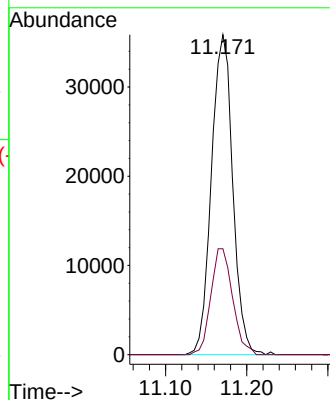
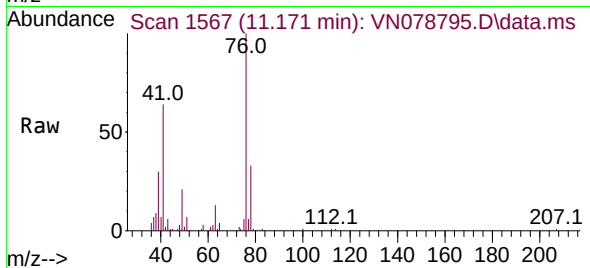
78 33.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#58

2-Chloroethyl Vinyl ether

Concen: 98.972 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078795.D

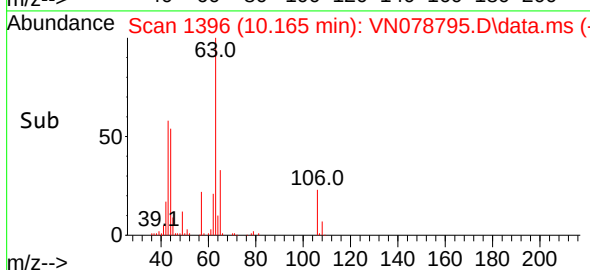
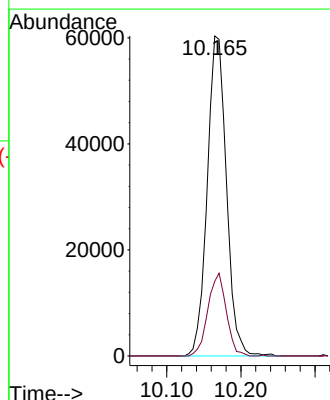
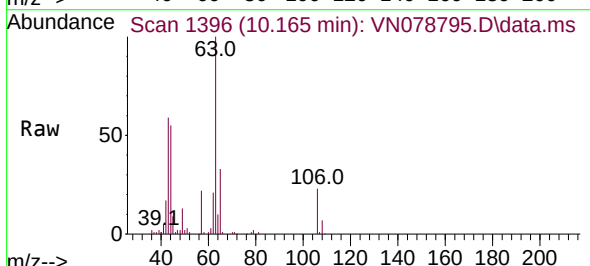
Acq: 08 Aug 2023 12:23

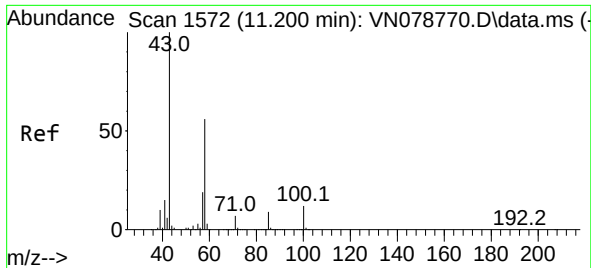
Tgt Ion: 63 Resp: 108645

Ion Ratio Lower Upper

63 100

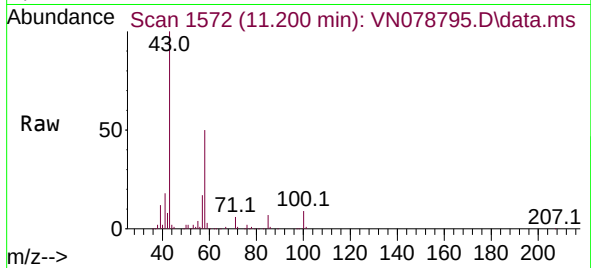
106 24.7 26.2 39.4#





#59
2-Hexanone
Concen: 88.421 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

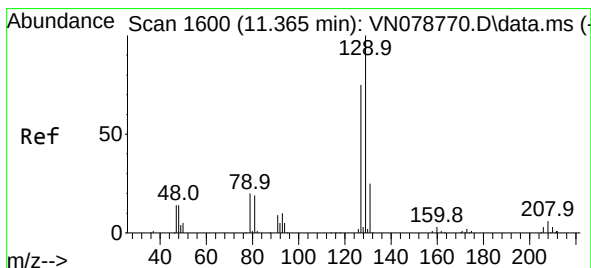
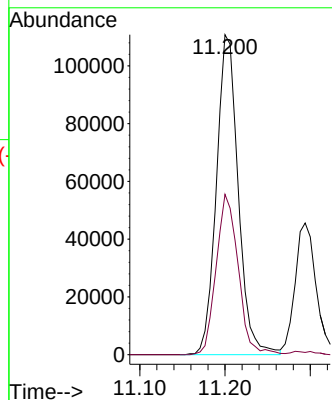
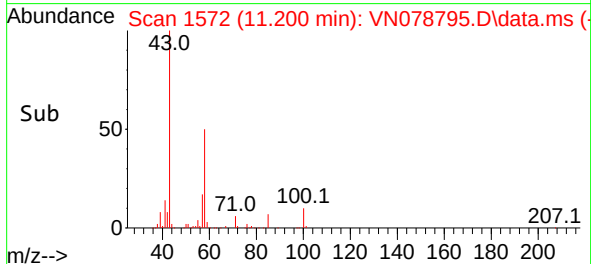
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01



Tgt Ion: 43 Resp: 197410
Ion Ratio Lower Upper
43 100
58 50.5 31.7 95.1

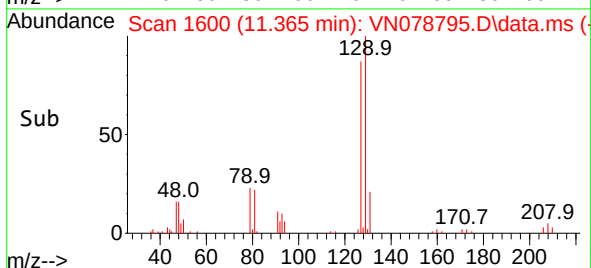
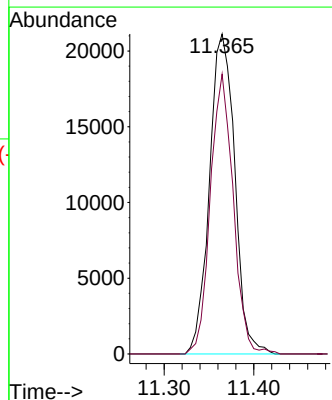
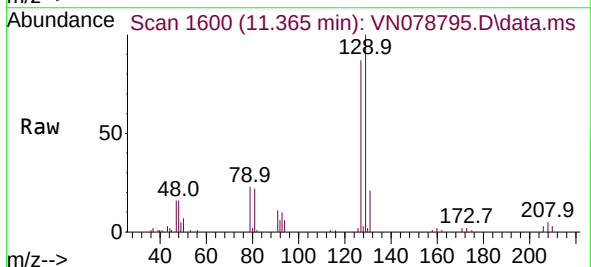
Manual Integrations
APPROVED

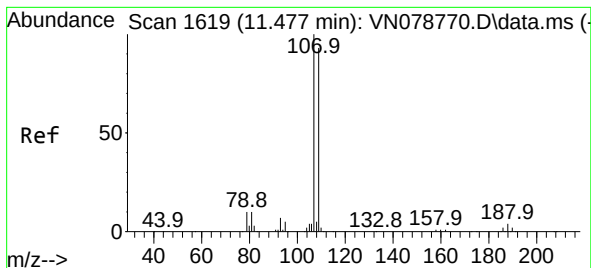
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#60
Dibromochloromethane
Concen: 18.685 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

Tgt Ion:129 Resp: 41351
Ion Ratio Lower Upper
129 100
127 79.1 38.6 116.0





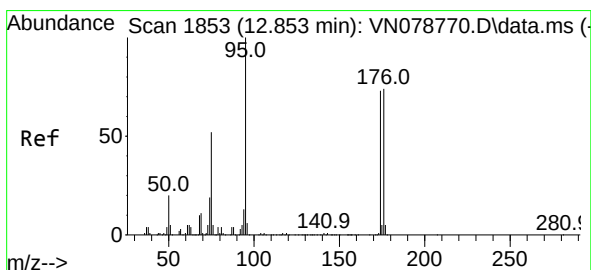
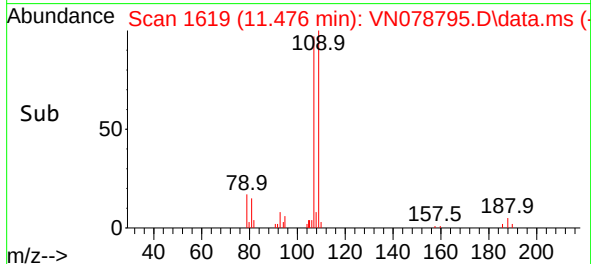
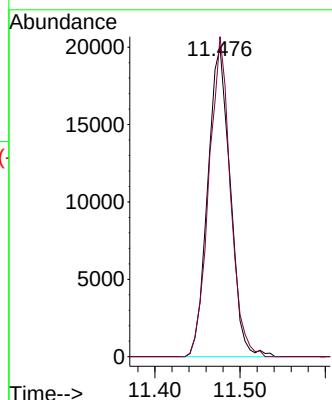
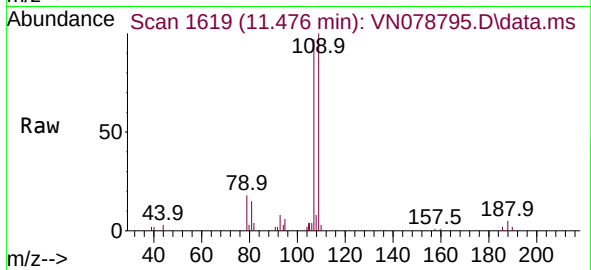
#61
1,2-Dibromoethane
Concen: 17.604 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

Tgt Ion:107 Resp: 36760
Ion Ratio Lower Upper
107 100
109 98.6 76.6 114.8

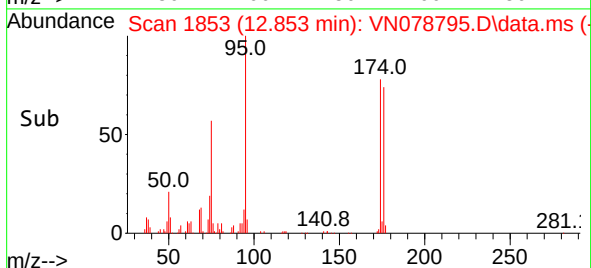
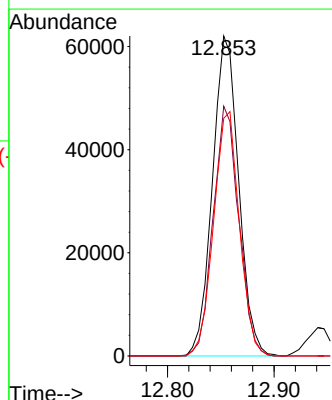
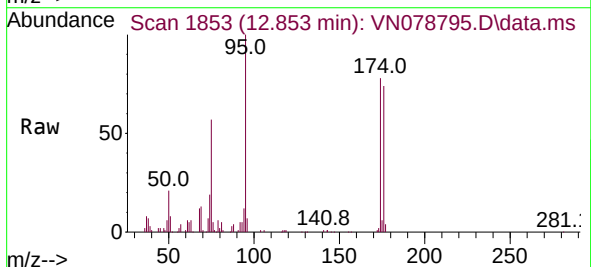
Manual Integrations
APPROVED

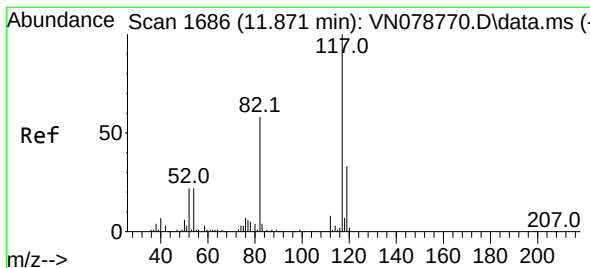
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#62
4-Bromofluorobenzene
Concen: 52.141 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

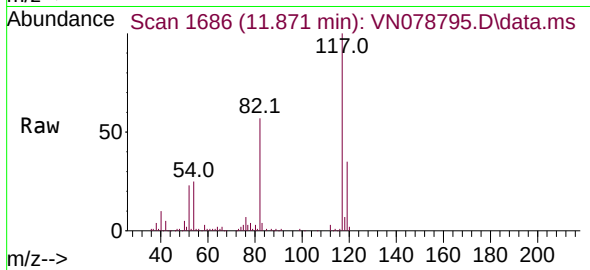
Tgt Ion: 95 Resp: 106147
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 75.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

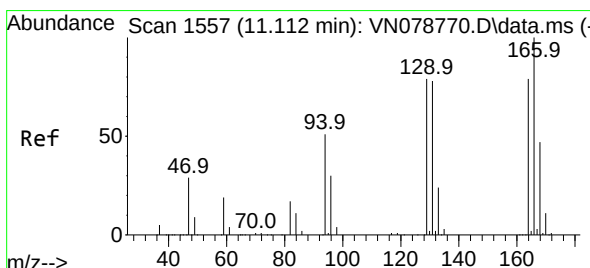
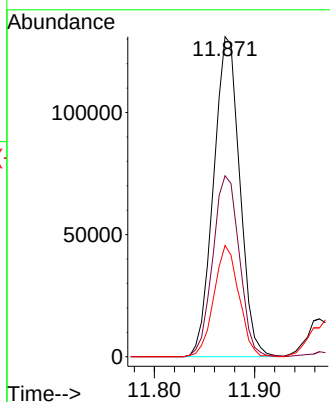
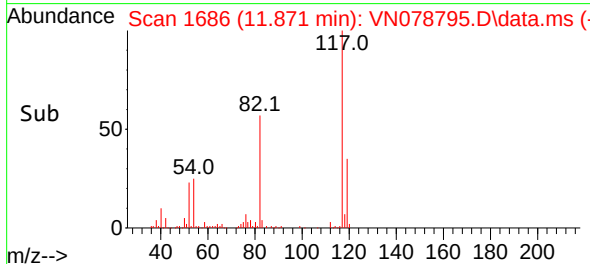
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01



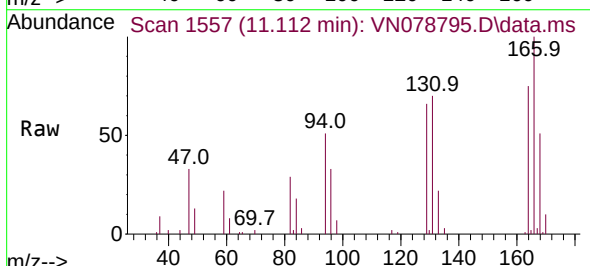
Tgt Ion:117 Resp: 237552
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 34.7 25.6 38.4

Manual Integrations
APPROVED

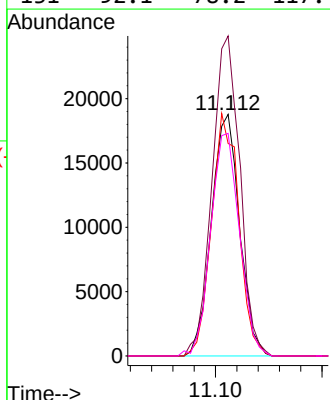
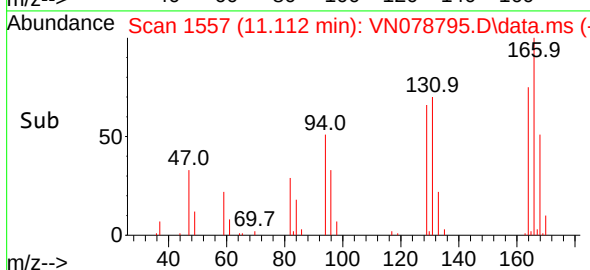
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

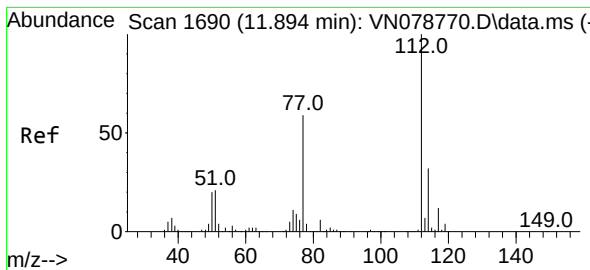


#64
Tetrachloroethene
Concen: 18.861 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23



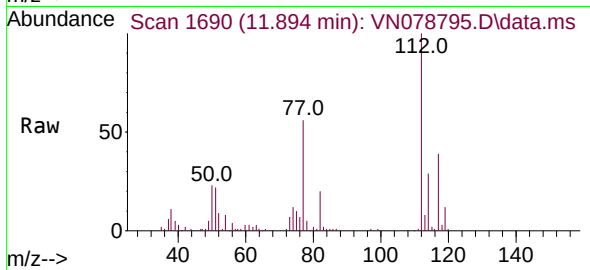
Tgt Ion:164 Resp: 34523
Ion Ratio Lower Upper
164 100
166 132.5 101.4 152.0
129 87.9 82.4 123.6
131 92.1 78.2 117.4





#65
Chlorobenzene
Concen: 18.880 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

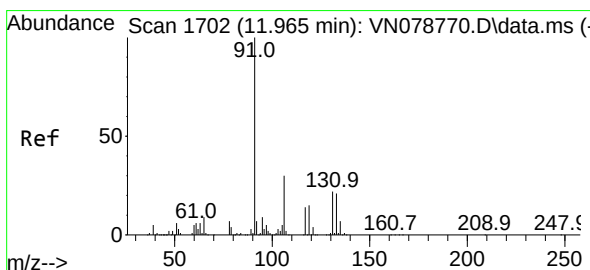
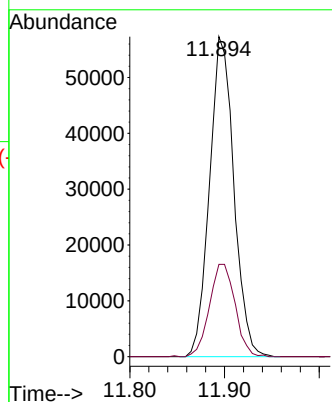
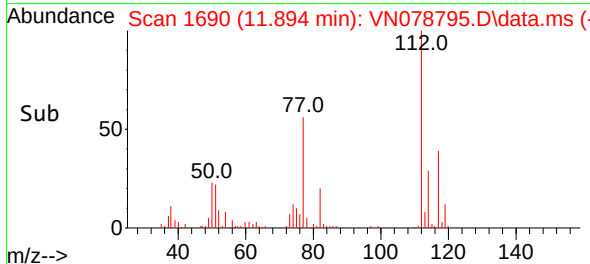
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01



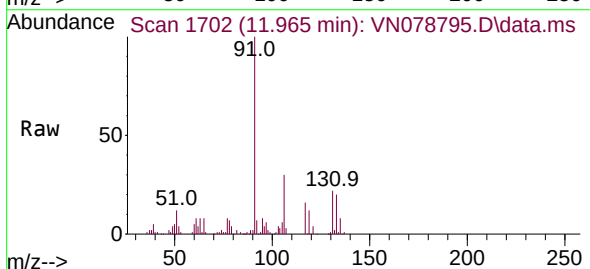
Tgt Ion:112 Resp: 102140
Ion Ratio Lower Upper
112 100
114 28.9 25.0 37.4

Manual Integrations
APPROVED

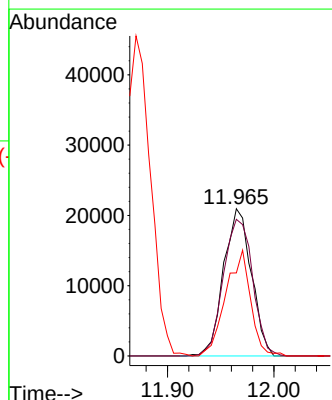
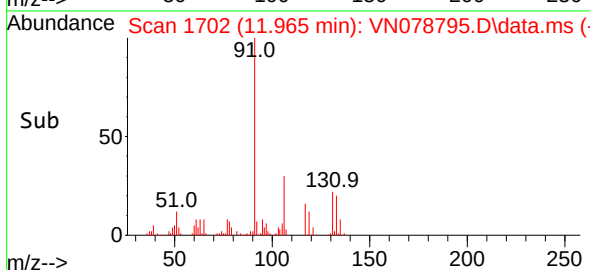
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

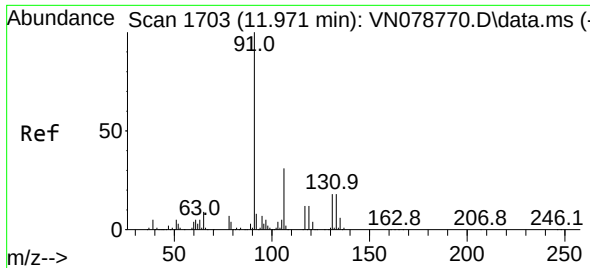


#66
1,1,1,2-Tetrachloroethane
Concen: 18.101 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23



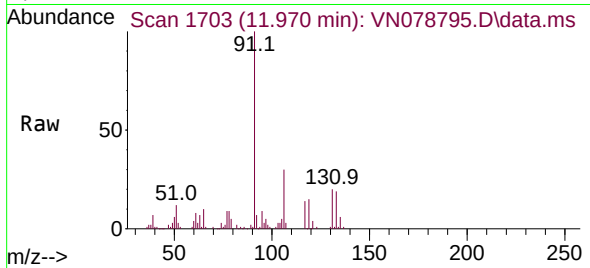
Tgt Ion:131 Resp: 37927
Ion Ratio Lower Upper
131 100
133 98.3 46.4 139.1
119 64.4 34.1 102.2





#67
Ethyl Benzene
Concen: 18.381 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

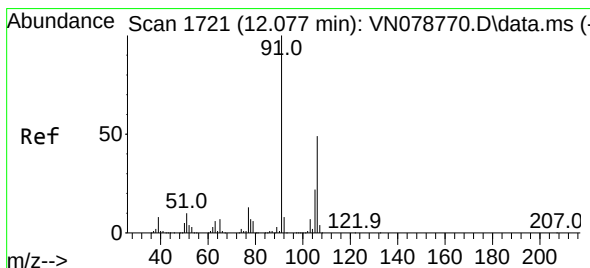
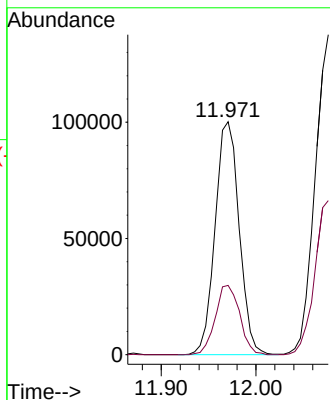
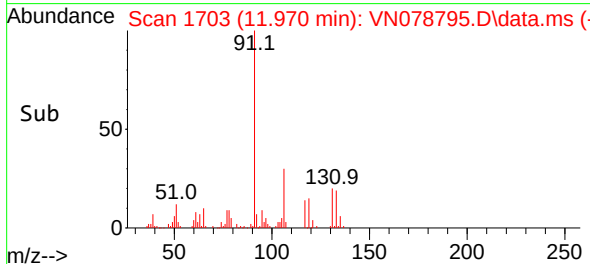
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01



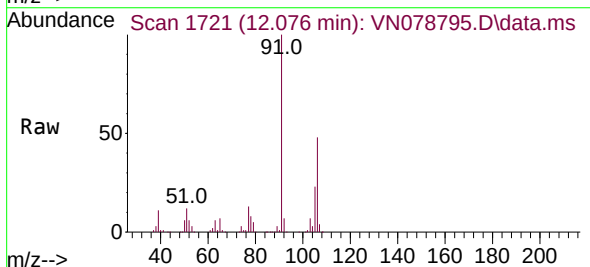
Tgt Ion: 91 Resp: 17712
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

Manual Integrations
APPROVED

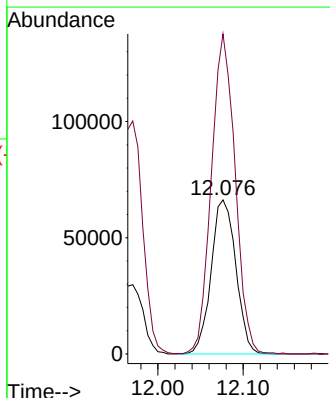
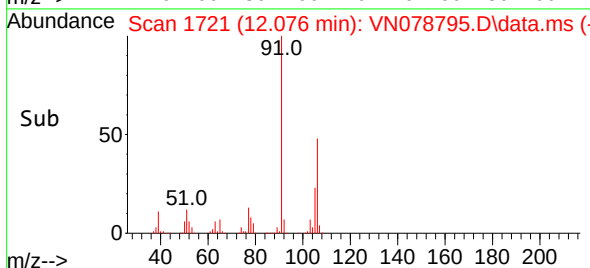
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

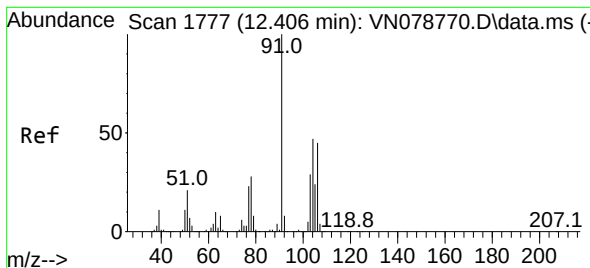


#68
m/p-Xylenes
Concen: 37.576 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.001 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23



Tgt Ion:106 Resp: 133586
Ion Ratio Lower Upper
106 100
91 200.1 159.6 239.4





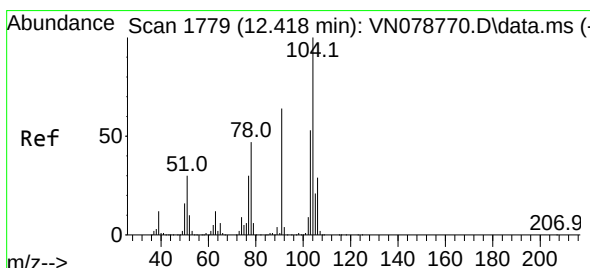
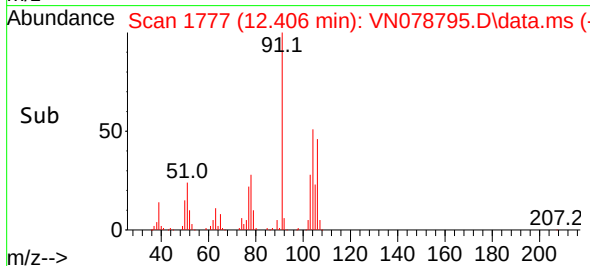
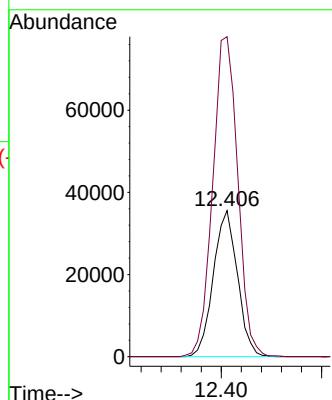
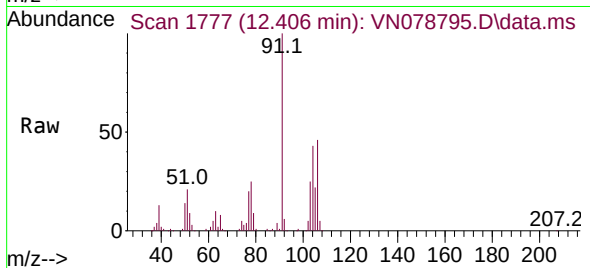
#69
o-Xylene
Concen: 17.022 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

Tgt Ion:106 Resp: 59402
Ion Ratio Lower Upper
106 100
91 227.3 105.2 315.5

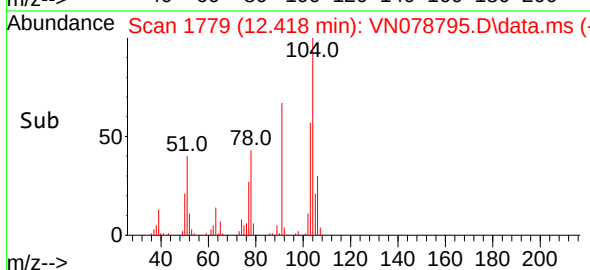
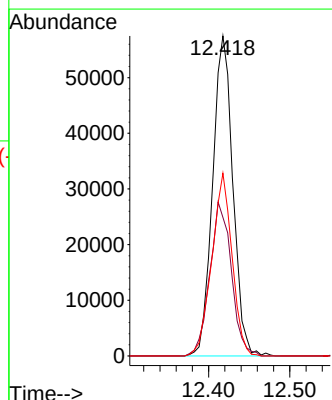
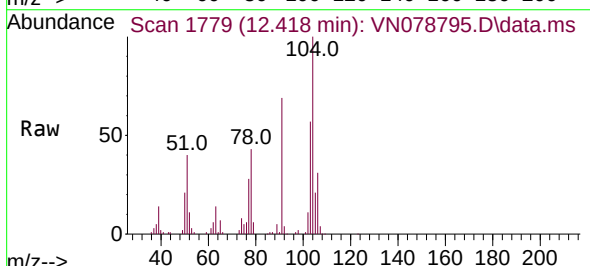
Manual Integrations
APPROVED

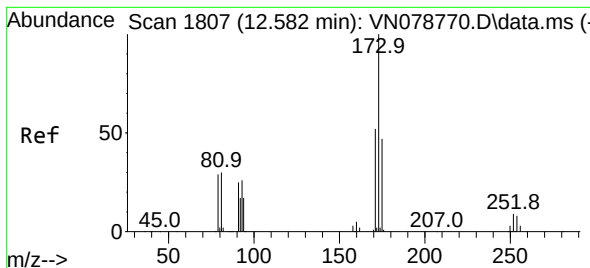
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#70
Styrene
Concen: 18.188 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

Tgt Ion:104 Resp: 99612
Ion Ratio Lower Upper
104 100
78 51.2 39.5 59.3
103 57.1 43.2 64.8





#71

Bromoform

Concen: 17.977 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN078795.D

Acq: 08 Aug 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBSD01

Tgt Ion:173 Resp: 2627

Ion Ratio Lower Upper

173 100

175 47.1 24.3 73.0

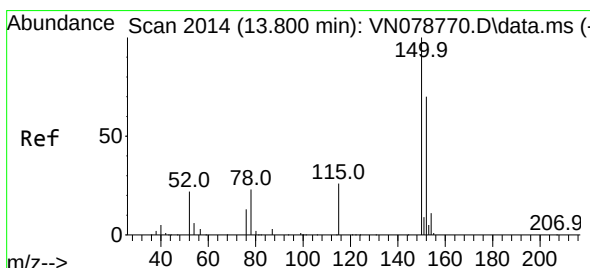
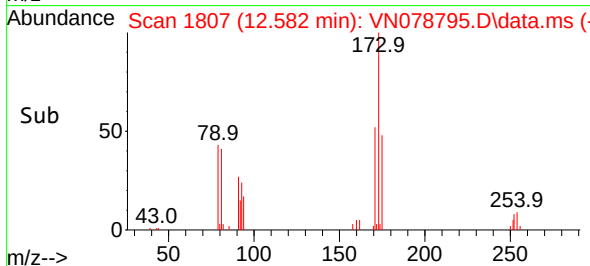
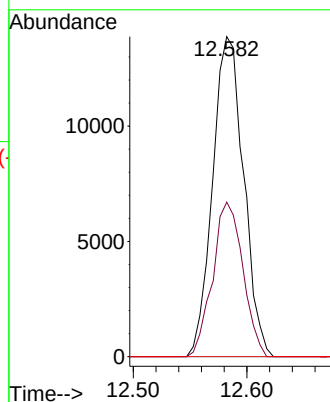
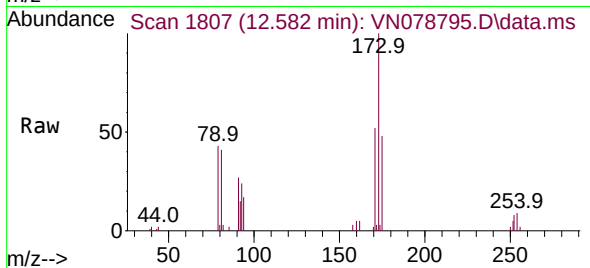
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078795.D

Acq: 08 Aug 2023 12:23

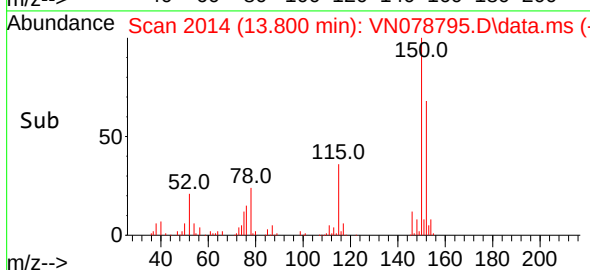
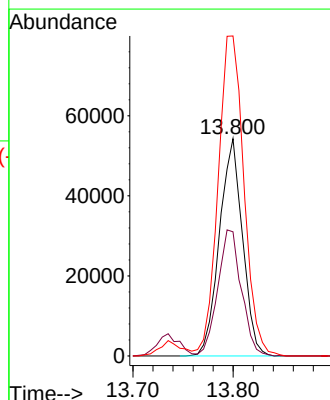
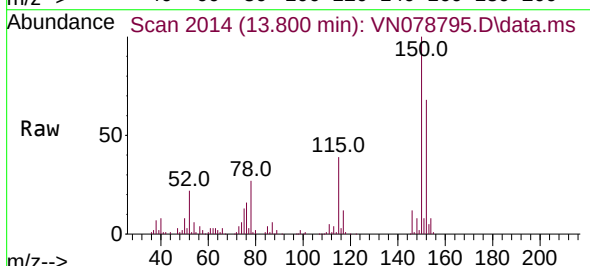
Tgt Ion:152 Resp: 86836

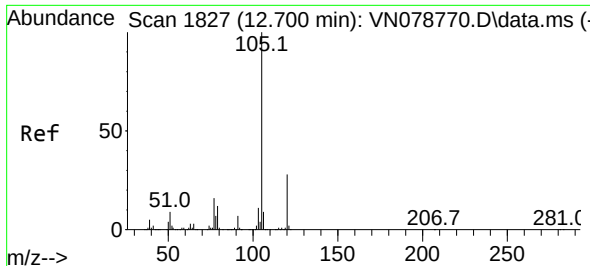
Ion Ratio Lower Upper

152 100

115 59.3 32.3 96.8

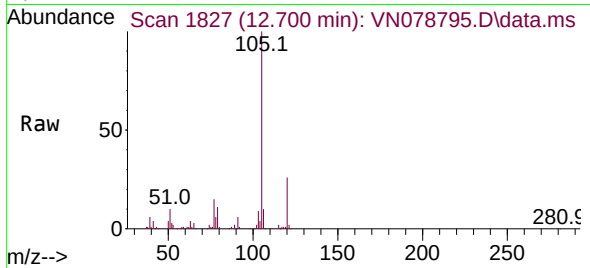
150 164.8 0.0 355.8





#73
Isopropylbenzene
Concen: 18.790 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

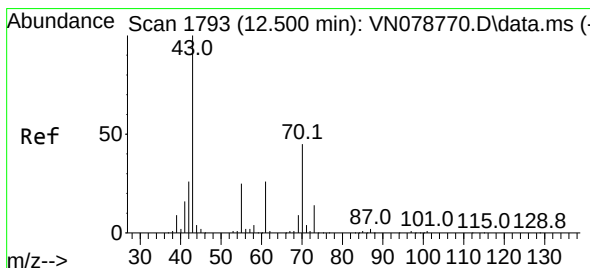
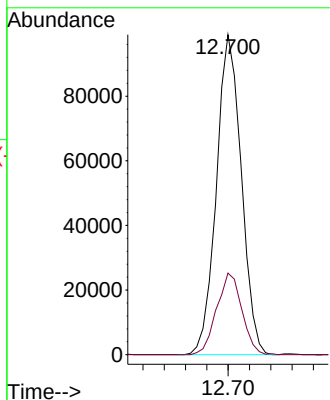
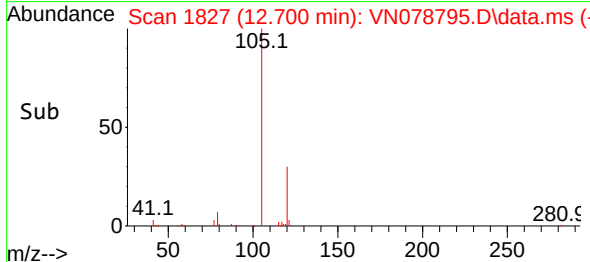
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01



Tgt Ion:105 Resp: 160590
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1

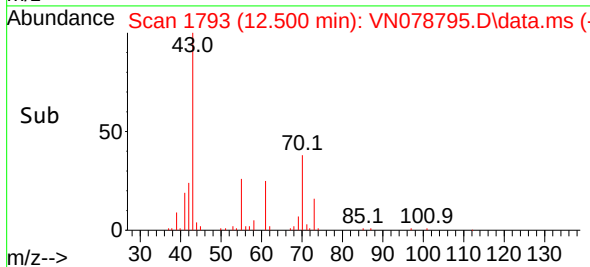
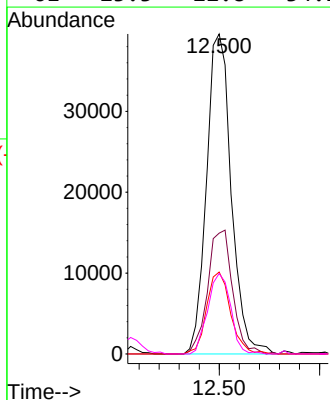
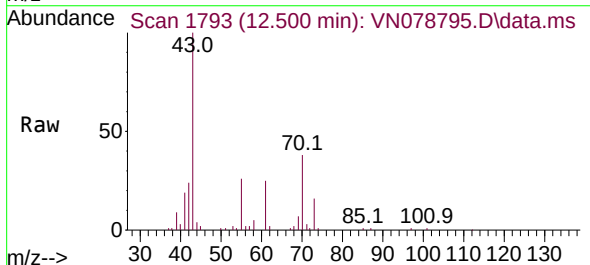
Manual Integrations
APPROVED

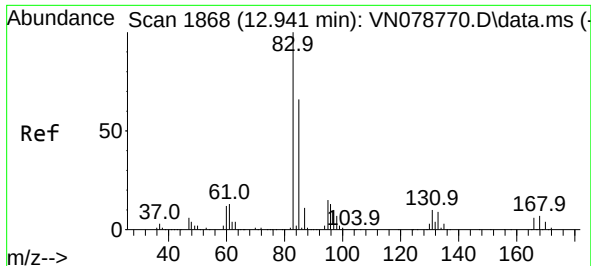
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#74
N-ethyl acetate
Concen: 17.485 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

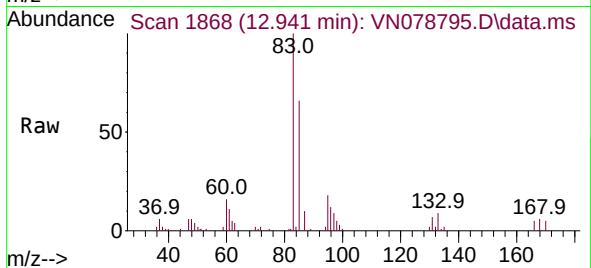
Tgt Ion: 43 Resp: 67788
Ion Ratio Lower Upper
43 100
70 39.0 43.4 65.2#
55 24.8 21.4 32.0
61 23.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.618 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

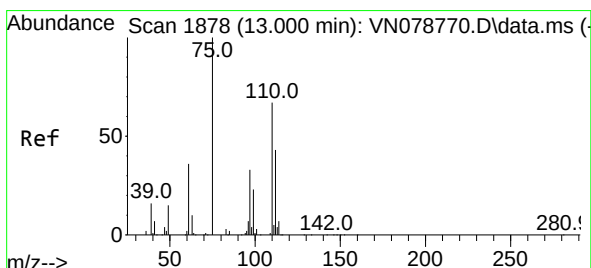
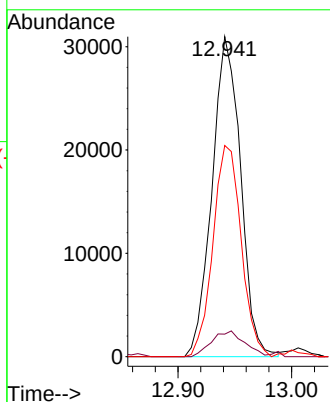
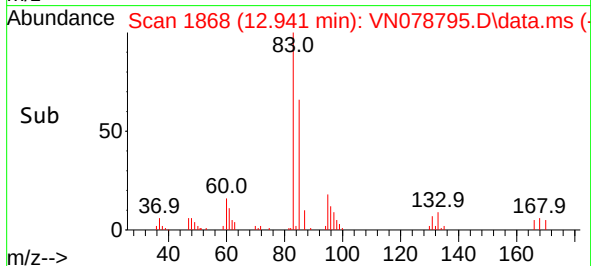
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01



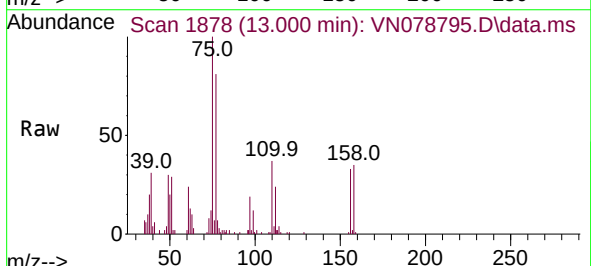
Tgt Ion: 83 Resp: 54070
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 65.3 31.9 95.7

Manual Integrations
APPROVED

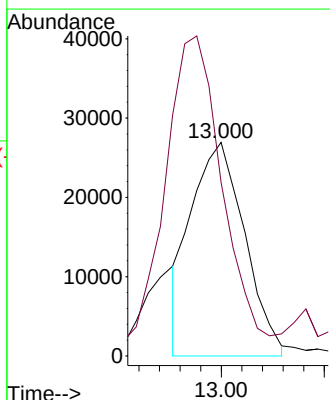
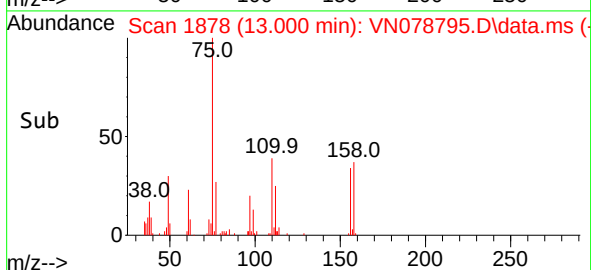
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

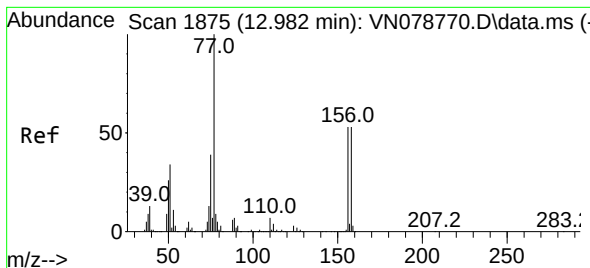


#76
1,2,3-Trichloropropane
Concen: 20.734 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23



Tgt Ion: 75 Resp: 48679
Ion Ratio Lower Upper
75 100
77 163.7 84.5 253.5





#77

Bromobenzene

Concen: 18.863 ug/l

RT: 12.988 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN078795.D

Acq: 08 Aug 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBSD01

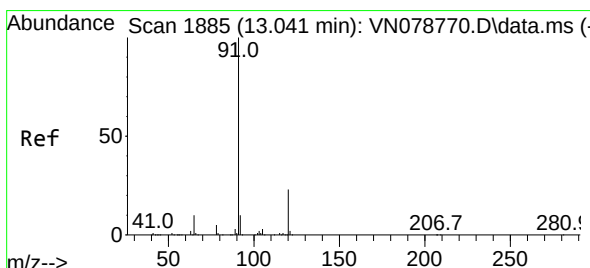
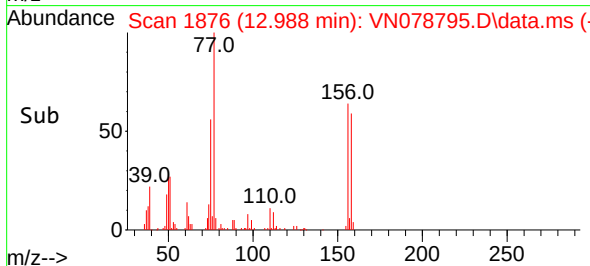
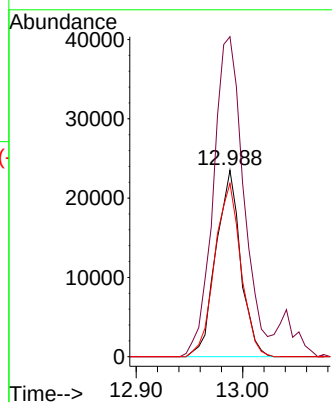
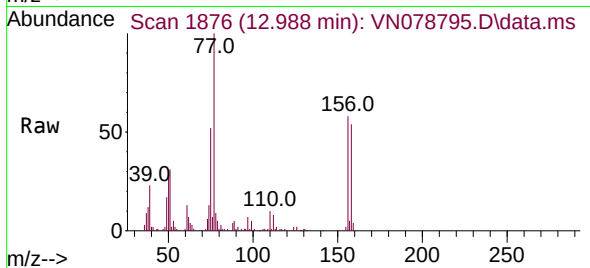
Tgt Ion:	156	Resp:	37820
Ion Ratio	Lower	Upper	
156	100		
77	210.7	107.7	323.3
158	98.6	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#78

n-propylbenzene

Concen: 18.312 ug/l

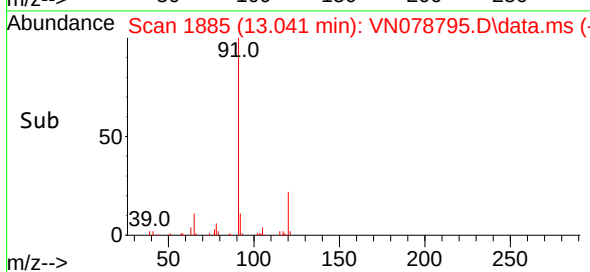
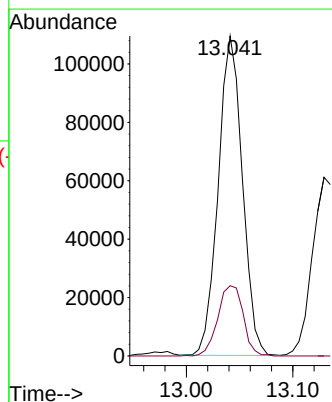
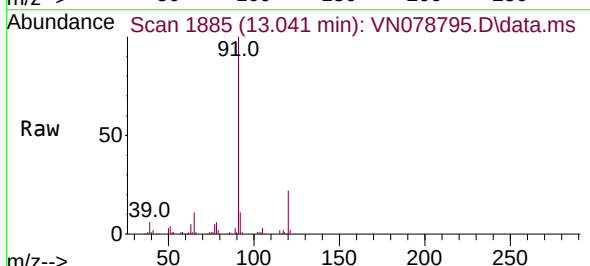
RT: 13.041 min Scan# 1885

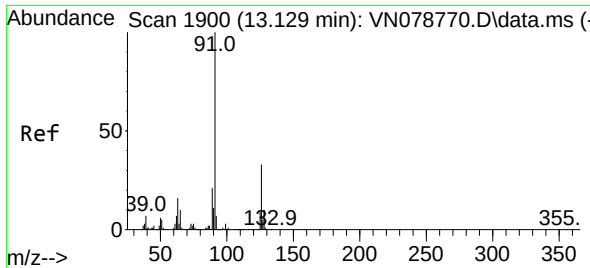
Delta R.T. -0.000 min

Lab File: VN078795.D

Acq: 08 Aug 2023 12:23

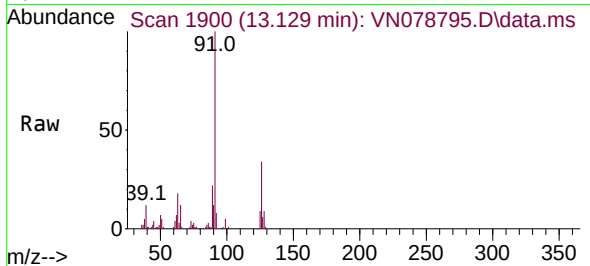
Tgt Ion:	91	Resp:	172011
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





#79
2-Chlorotoluene
Concen: 17.913 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

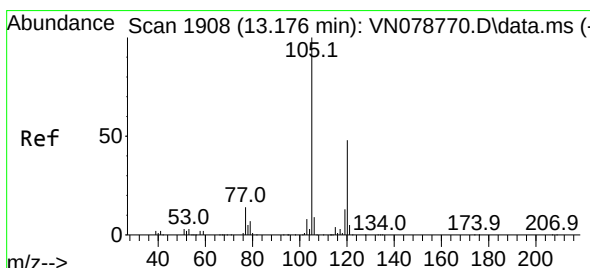
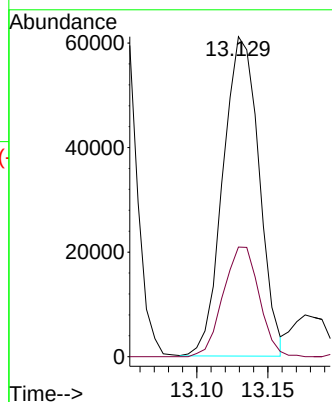
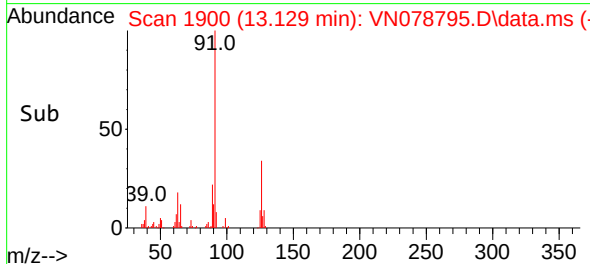
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01



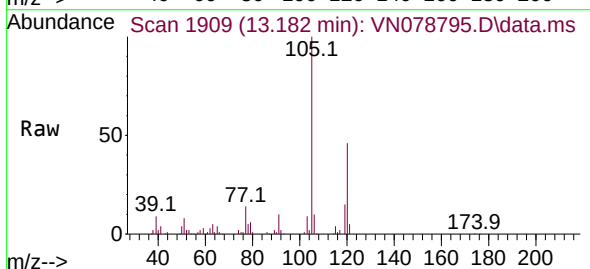
Tgt Ion: 91 Resp: 108099
Ion Ratio Lower Upper
91 100
126 34.2 16.3 48.8

Manual Integrations
APPROVED

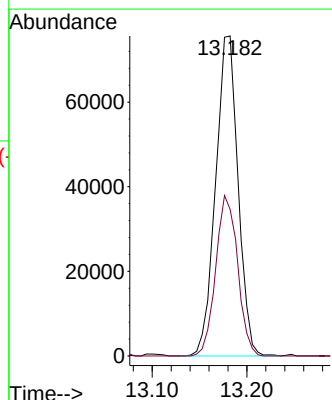
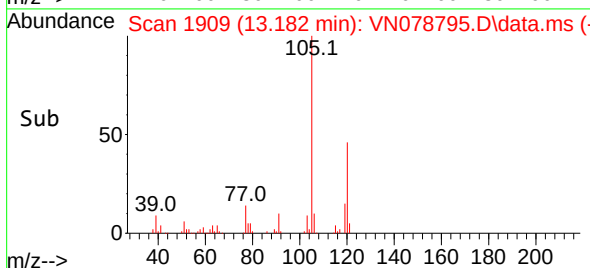
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

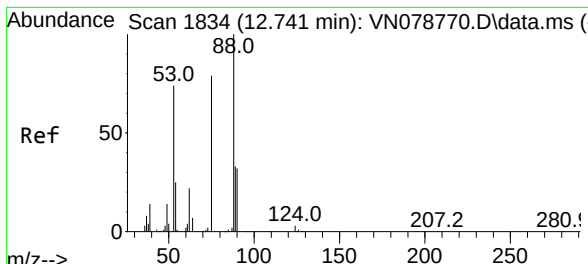


#80
1,3,5-Trimethylbenzene
Concen: 18.198 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23



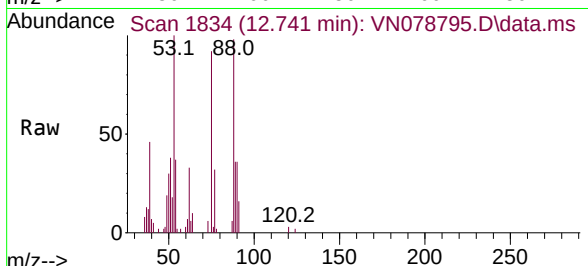
Tgt Ion:105 Resp: 124592
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.796 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

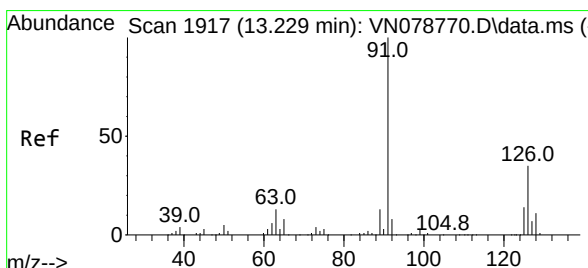
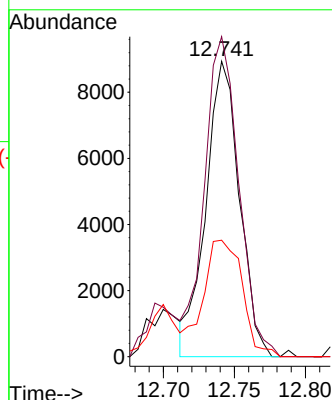
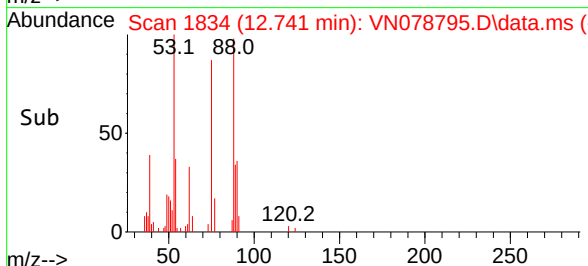
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01



Tgt Ion: 75 Resp: 1469
Ion Ratio Lower Upper
75 100
53 111.1 67.4 101.2
89 46.1 38.8 58.2

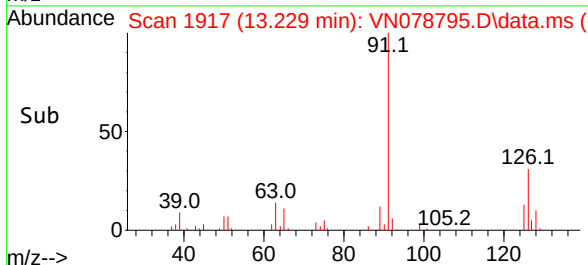
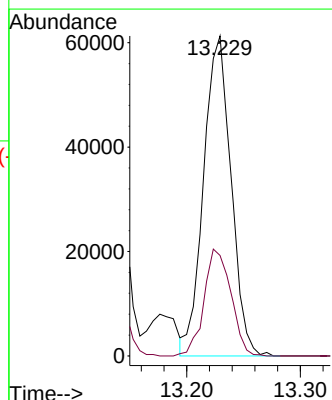
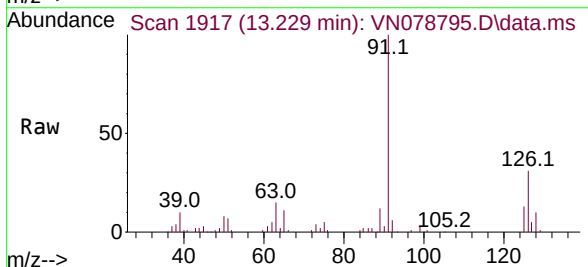
Manual Integrations
APPROVED

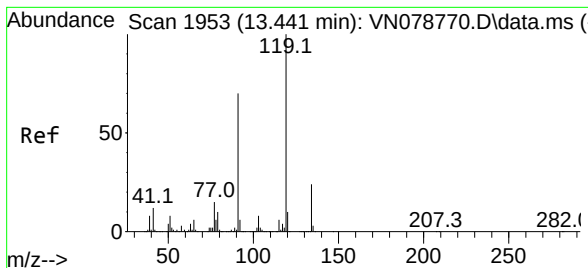
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#82
4-Chlorotoluene
Concen: 18.631 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

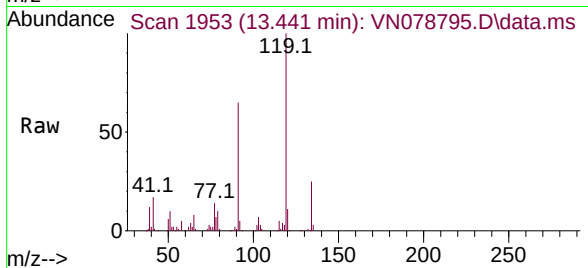
Tgt Ion: 91 Resp: 102860
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.406 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

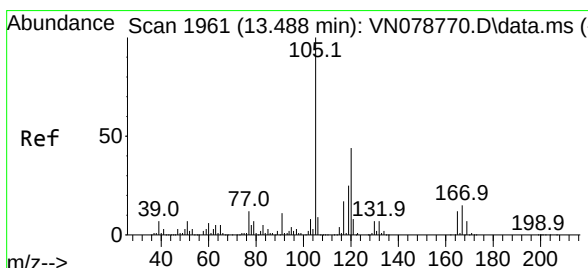
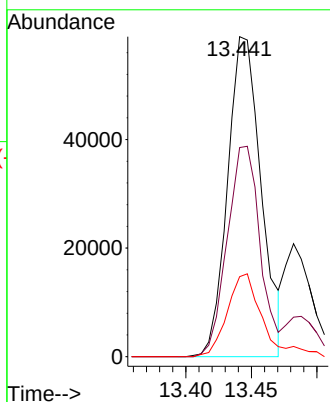
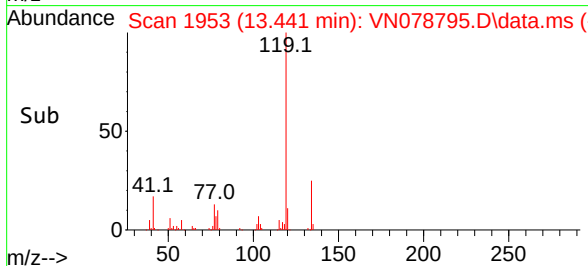
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01



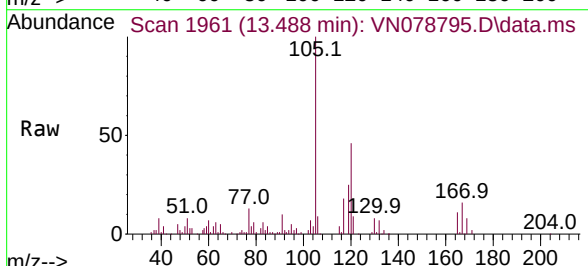
Tgt Ion:119 Resp: 104954
Ion Ratio Lower Upper
119 100
91 64.6 33.9 101.7
134 27.2 13.2 39.6

Manual Integrations
APPROVED

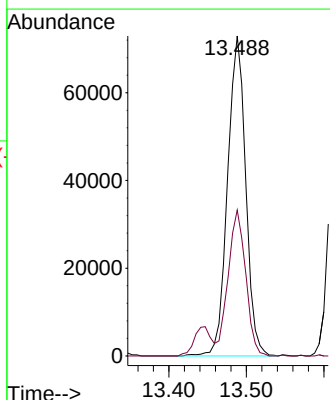
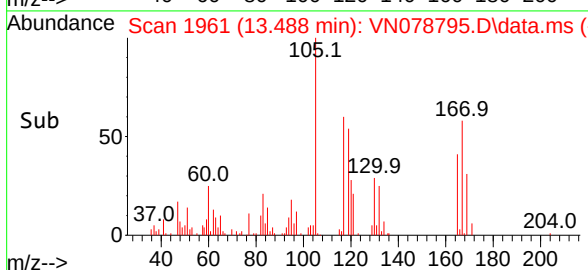
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

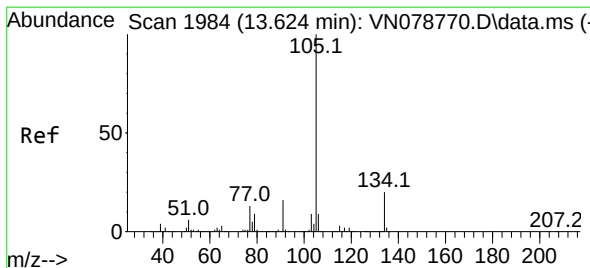


#84
1,2,4-Trimethylbenzene
Concen: 18.079 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23



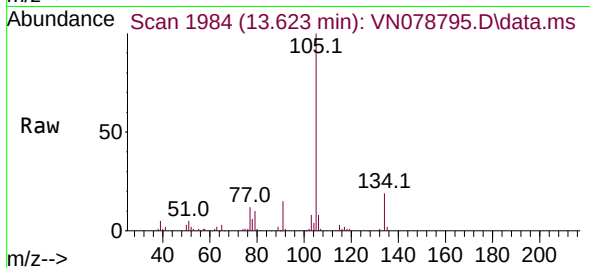
Tgt Ion:105 Resp: 118957
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 17.875 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078795.D
 Acq: 08 Aug 2023 12:23

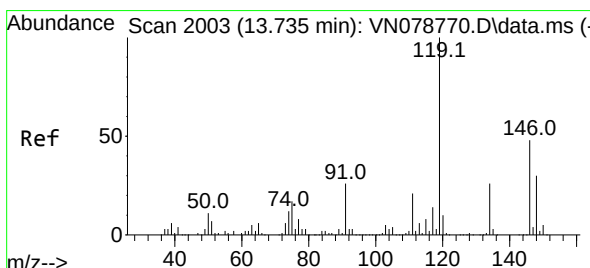
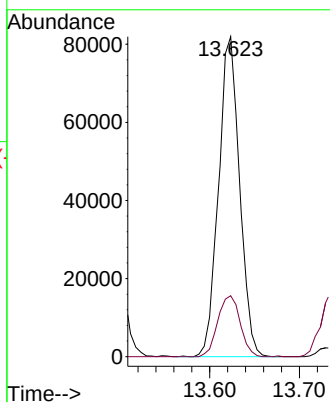
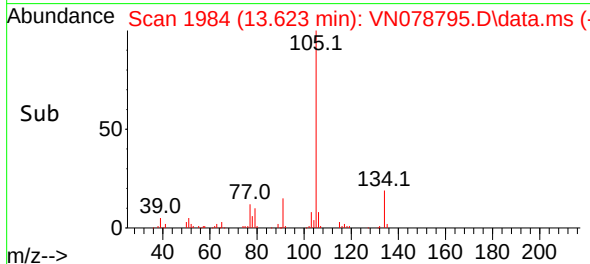
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBSD01



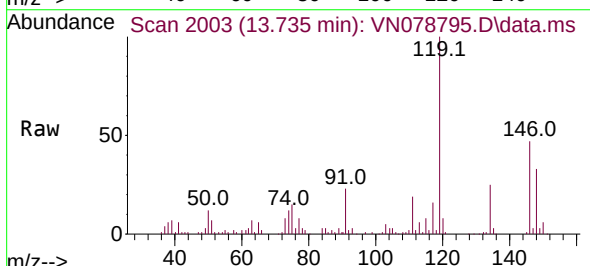
Tgt Ion:105 Resp: 133278
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.3

Manual Integrations
 APPROVED

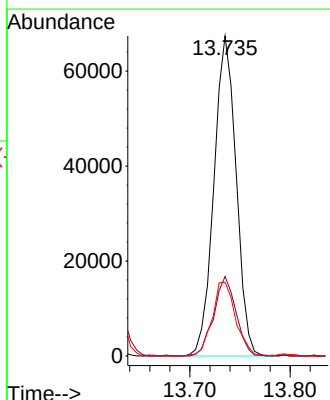
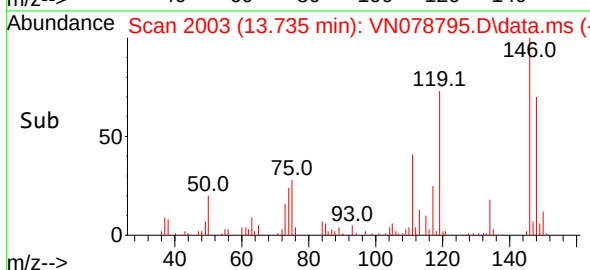
Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023

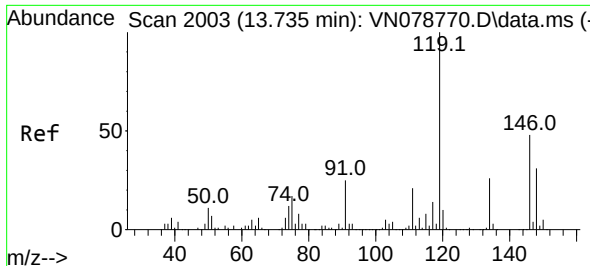


#86
 p-Isopropyltoluene
 Concen: 17.467 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078795.D
 Acq: 08 Aug 2023 12:23



Tgt Ion:119 Resp: 103557
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.6 37.8
 91 24.5 12.4 37.2





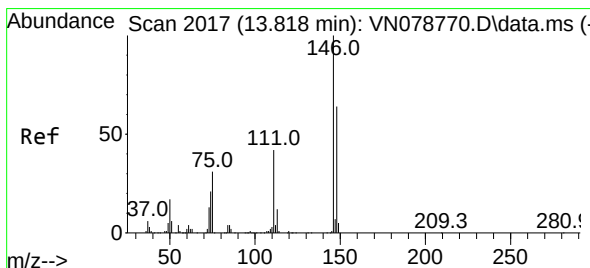
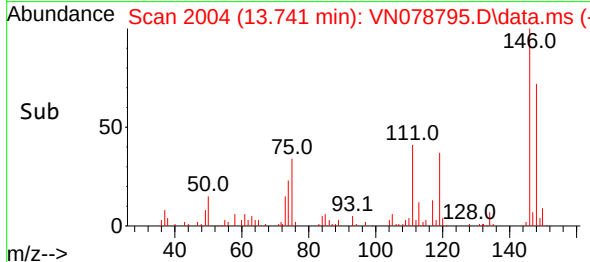
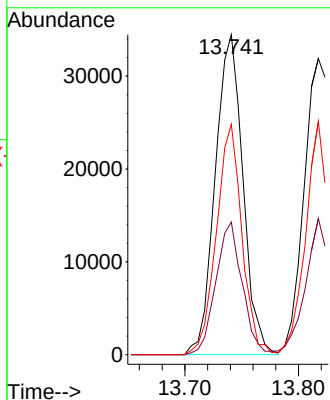
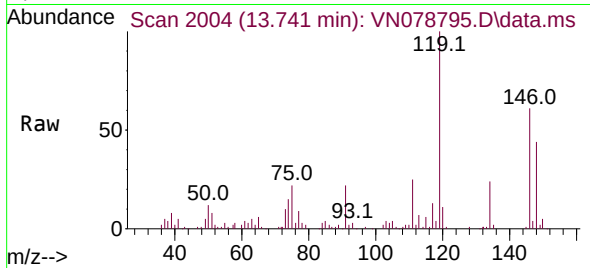
#87
1,3-Dichlorobenzene
Concen: 18.207 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

Tgt Ion:146 Resp: 58314
Ion Ratio Lower Upper
146 100
111 39.5 22.1 66.3
148 66.5 32.0 96.0

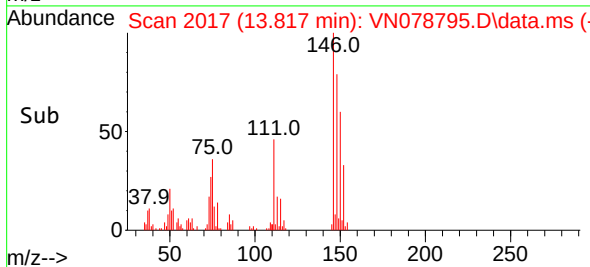
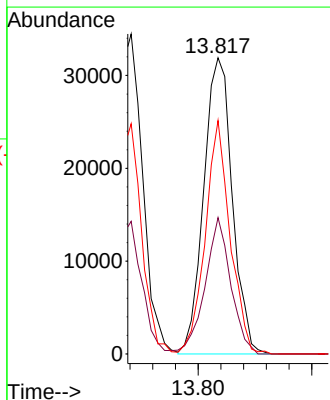
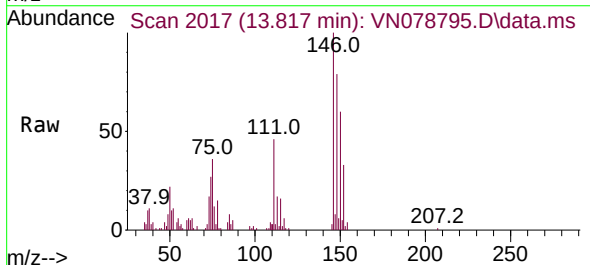
Manual Integrations
APPROVED

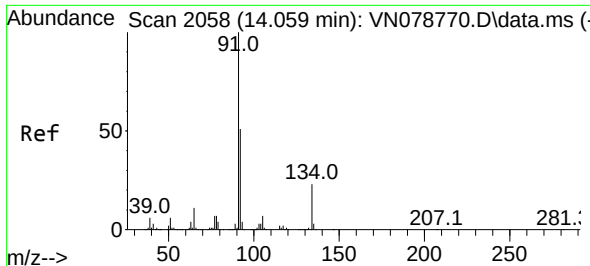
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#88
1,4-Dichlorobenzene
Concen: 17.571 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

Tgt Ion:146 Resp: 55784
Ion Ratio Lower Upper
146 100
111 41.5 20.6 61.8
148 68.5 31.6 94.8





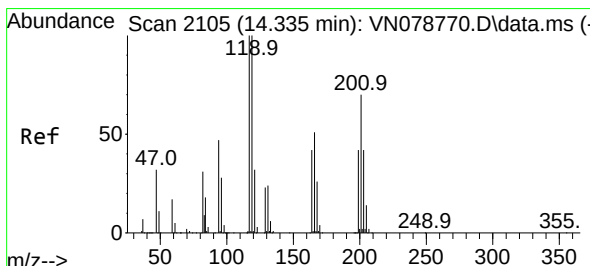
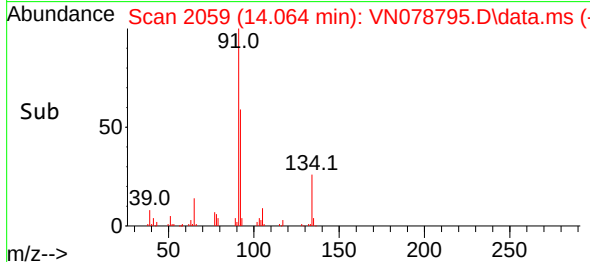
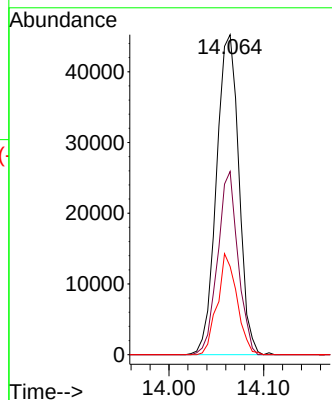
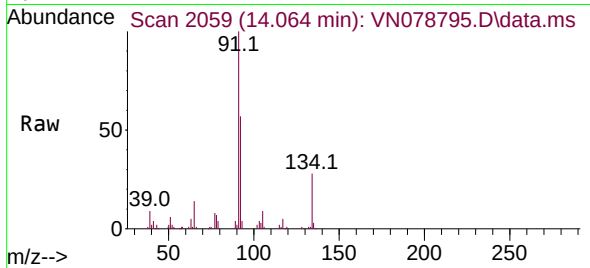
#89
n-Butylbenzene
Concen: 16.726 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

Tgt Ion: 91 Resp: 7440
Ion Ratio Lower Upper
91 100
92 52.0 26.4 79.0
134 27.7 12.6 37.6

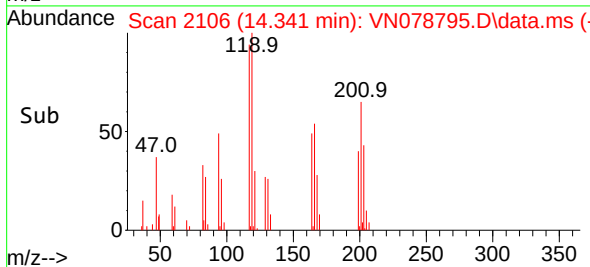
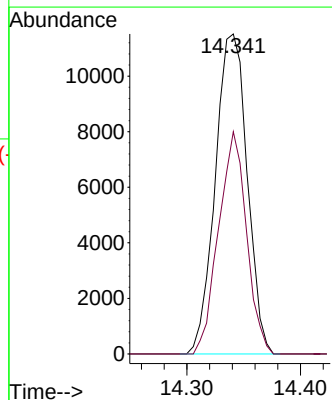
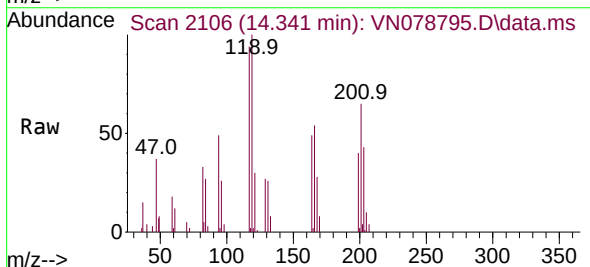
Manual Integrations
APPROVED

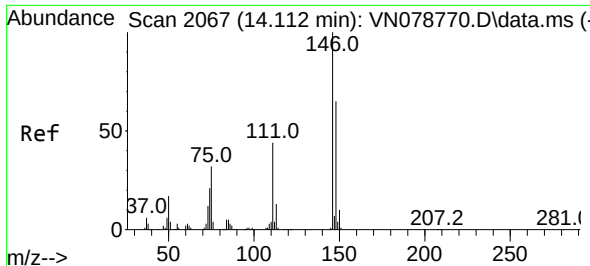
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#90
Hexachloroethane
Concen: 18.281 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

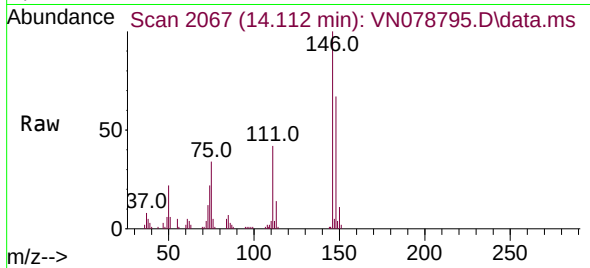
Tgt Ion:117 Resp: 22463
Ion Ratio Lower Upper
117 100
201 60.9 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 18.585 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

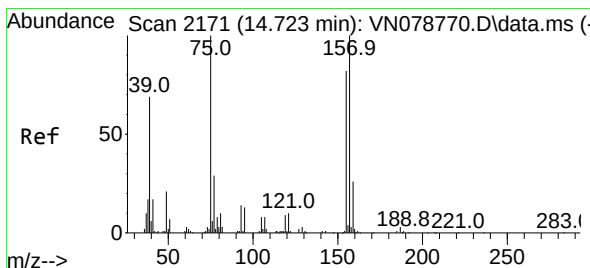
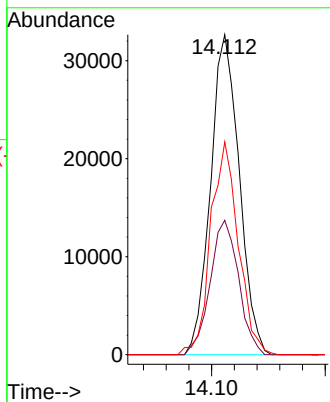
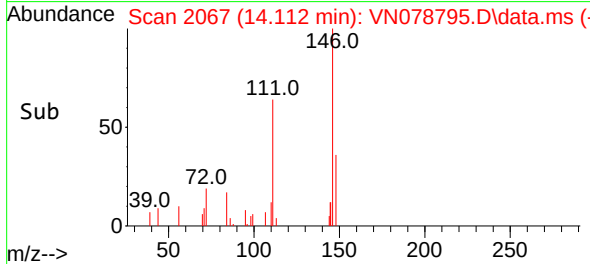
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01



Tgt Ion:146 Resp: 5734
Ion Ratio Lower Upper
146 100
111 41.7 22.0 66.0
148 63.9 31.8 95.3

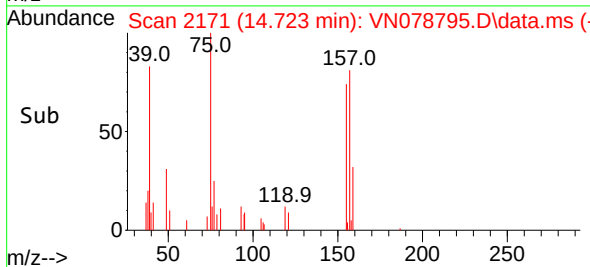
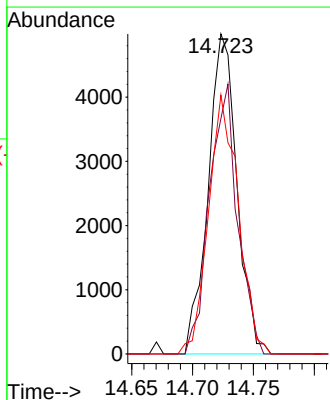
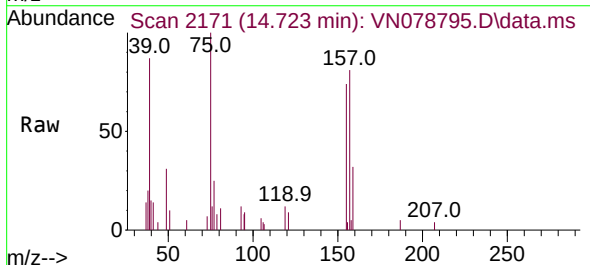
Manual Integrations
APPROVED

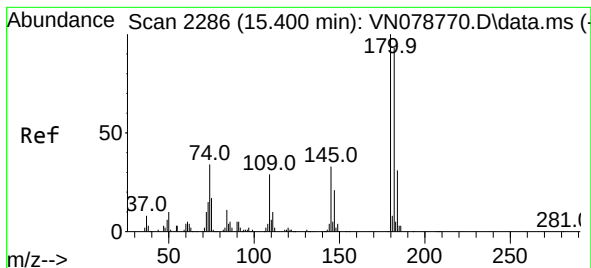
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.462 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN078795.D
Acq: 08 Aug 2023 12:23

Tgt Ion: 75 Resp: 8225
Ion Ratio Lower Upper
75 100
155 82.4 39.1 117.2
157 83.8 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 14.672 ug/l

RT: 15.406 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN078795.D

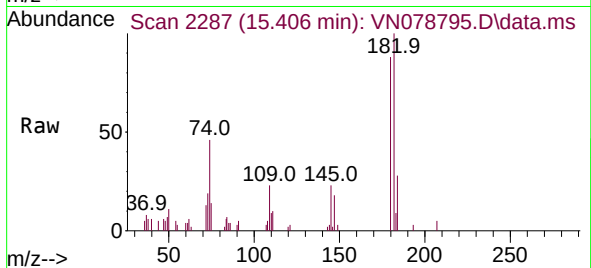
Acq: 08 Aug 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBSD01



Tgt Ion:180 Resp: 12719

Ion Ratio Lower Upper

180 100

182 106.6 46.1 138.2

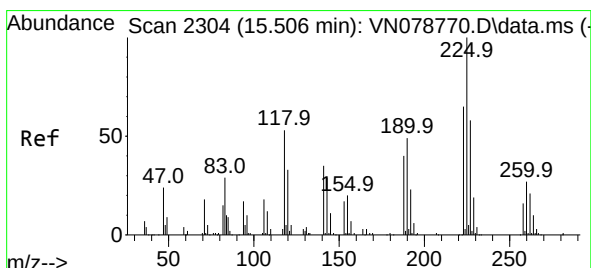
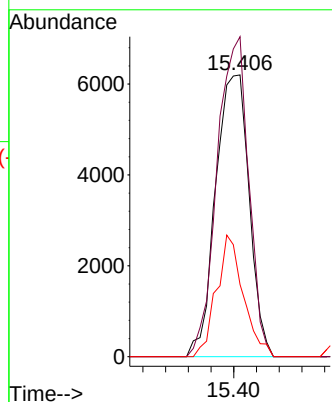
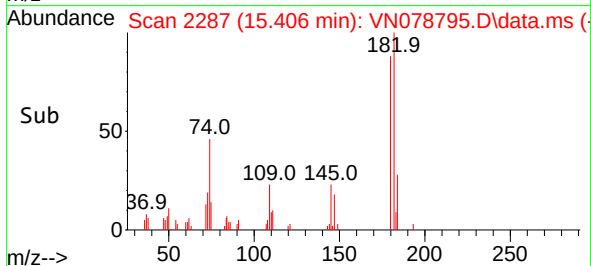
145 34.6 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#94

Hexachlorobutadiene

Concen: 17.838 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078795.D

Acq: 08 Aug 2023 12:23

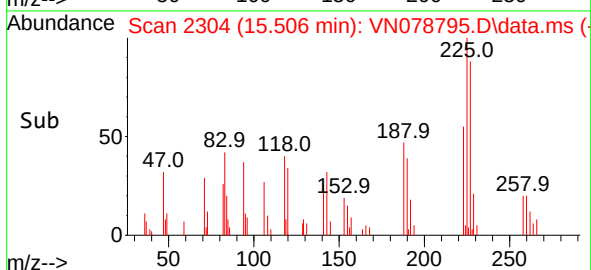
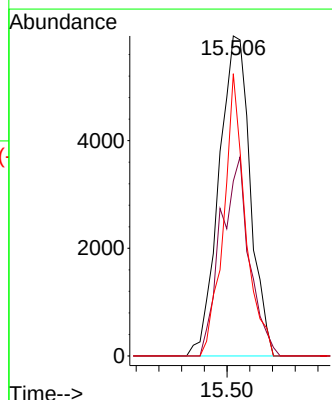
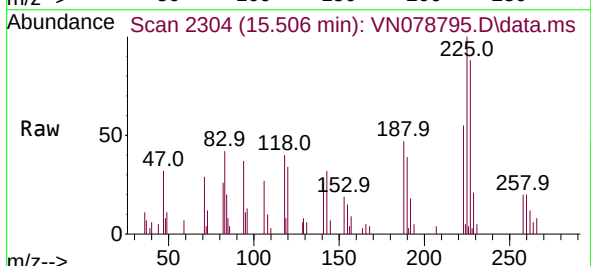
Tgt Ion:225 Resp: 11362

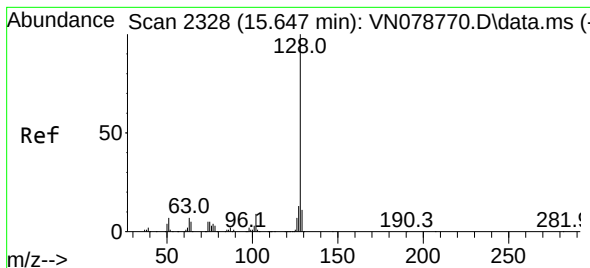
Ion Ratio Lower Upper

225 100

223 57.0 31.3 93.8

227 61.4 31.9 95.9





#95

Naphthalene

Concen: 13.361 ug/l

RT: 15.641 min Scan# 2328

Delta R.T. -0.006 min

Lab File: VN078795.D

Acq: 08 Aug 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBSD01

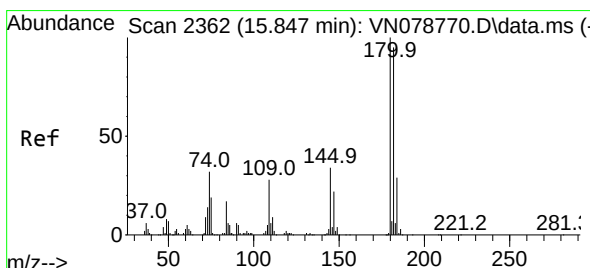
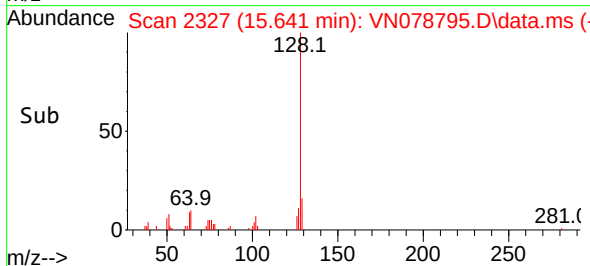
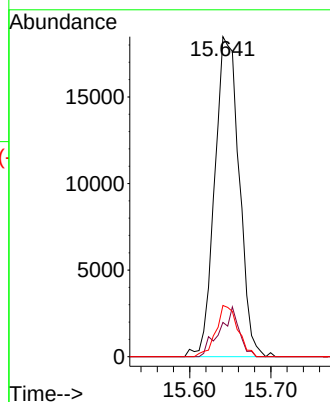
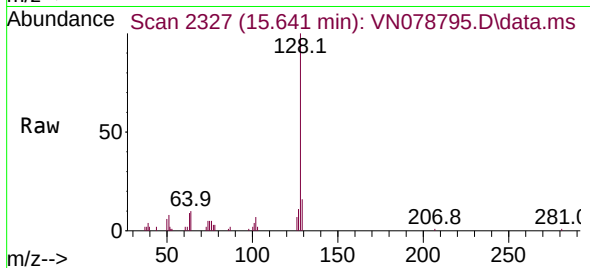
Tgt Ion:128	Resp:	3866
Ion Ratio	Lower	Upper
128	100	
127	12.5	10.0 15.0
129	14.3	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#96

1,2,3-Trichlorobenzene

Concen: 15.148 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078795.D

Acq: 08 Aug 2023 12:23

Tgt Ion:180	Resp:	15637
Ion Ratio	Lower	Upper
180	100	
182	102.6	46.2 138.6
145	30.4	17.5 52.6

