

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081723\
 Data File : VN078926.D
 Acq On : 17 Aug 2023 15:05
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081723

Quant Time: Aug 18 05:27:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/18/2023
 Supervised By : Semsettin Yesilyurt 08/18/2023

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

Internal Standards						
1) Bromochloromethane	7.824	128	57192	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	316067	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	285076	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	134956	29.127	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.100%		
60) 4-Bromofluorobenzene	12.853	95	124612	29.966	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.900%		
63) Toluene-d8	10.571	98	402167	30.209	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	70989	19.670	ug/l	100
3) Chloromethane	2.365	50	86207	19.932	ug/l	99
4) Vinyl Chloride	2.512	62	87025	20.330	ug/l	95
5) Bromomethane	2.953	94	53144	20.113	ug/l	95
6) Chloroethane	3.112	64	54245	19.500	ug/l	100
7) Trichlorofluoromethane	3.495	101	115093	19.962	ug/l	97
8) Diethyl Ether	3.965	74	43249	19.944	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	62727	20.832	ug/l	90
10) 1,1-Dichloroethene	4.342	96	61312	20.239	ug/l #	83
11) Methyl Iodide	4.589	142	72778	19.909	ug/l	97
12) Methyl Acetate	5.030	43	146124	20.579	ug/l	94
13) Acrolein	4.177	56	36400	73.548	ug/l	91
14) Acrylonitrile	5.724	53	189137	101.328	ug/l #	91
15) Acetone	4.436	58	59587	104.067	ug/l	98
16) Carbon Disulfide	4.712	76	169071	19.424	ug/l	99
17) Allyl chloride	5.030	41	109229	19.672	ug/l	98
18) Methylene Chloride	5.283	84	72926	20.137	ug/l #	83
19) trans-1,2-Dichloroethene	5.783	96	68534	20.101	ug/l	94
20) Diisopropyl ether	6.683	45	258561	21.407	ug/l	92
21) 1,1-Dichloroethane	6.571	63	136739	20.402	ug/l	94
22) cis-1,2-Dichloroethene	7.488	96	78843	20.205	ug/l	96
23) tert-Butyl Alcohol	5.530	59	74026	106.320	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	224820	20.907	ug/l	99
25) Chloroform	7.971	83	138844	20.564	ug/l	98
26) Cyclohexane	8.265	56	98355	20.062	ug/l #	100
29) 1,1-Dichloropropene	8.377	75	100743	20.953	ug/l	97
30) 2-Butanone	7.488	43	300314	106.695	ug/l	99
31) 2,2-Dichloropropane	7.494	77	116717	21.965	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	118270	20.603	ug/l	99
33) Carbon Tetrachloride	8.365	117	102120m	20.538	ug/l	
34) Benzene	8.612	78	305260	21.186	ug/l	99
35) Methacrylonitrile	7.783	41	63293	21.098	ug/l	94
36) 1,2-Dichloroethane	8.677	62	111764	20.714	ug/l	97
37) Trichloroethene	9.359	130	73555	20.508	ug/l	90
38) Methylcyclohexane	9.612	83	87835	20.750	ug/l	97
39) 1,2-Dichloropropane	9.630	63	80253	20.678	ug/l	100
40) Dibromomethane	9.712	93	52813	20.301	ug/l	99
41) Bromodichloromethane	9.894	83	110368	21.096	ug/l	96
42) Vinyl Acetate	6.612	43	848156	106.877	ug/l	99

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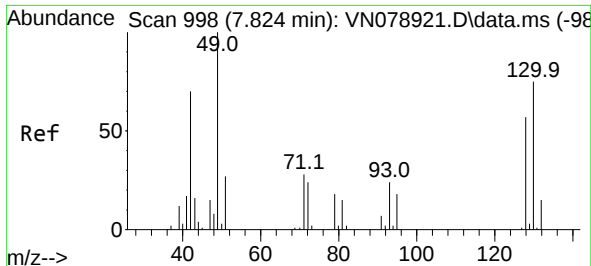
Quant Time: Aug 18 05:27:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Reviewed By : John Carlone 08/18/2023
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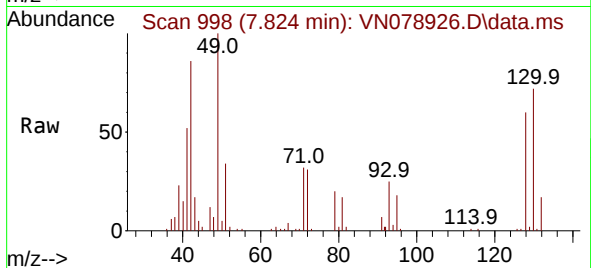
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	111991	20.509	ug/l	99
44) Isopropyl Acetate	8.694	43	198582	20.639	ug/l	100
45) 1,4-Dioxane	9.700	88	30164	416.603	ug/l	100
46) Methyl methacrylate	9.688	41	88961	20.985	ug/l	90
47) n-amyl Acetate	12.500	43	154508	20.926	ug/l	98
48) t-1,3-Dichloropropene	10.841	75	117989m	21.175	ug/l	
49) cis-1,3-Dichloropropene	10.318	75	129359	21.650	ug/l	96
50) 1,1,2-Trichloroethane	11.018	97	72513	20.626	ug/l	96
51) Ethyl methacrylate	10.876	69	118035	21.692	ug/l	96
52) 1,3-Dichloropropane	11.171	76	131573	20.895	ug/l	100
53) Dibromochloromethane	11.365	129	80407	20.897	ug/l	98
54) 1,2-Dibromoethane	11.471	107	74511	20.644	ug/l	92
55) 2-Chloroethyl vinyl ether	10.165	63	237766	94.536	ug/l	99
56) Bromoform	12.582	173	55361	20.392	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	598004	105.729	ug/l	99
59) 2-Hexanone	11.200	43	443762	107.084	ug/l	100
61) Tetrachloroethene	11.112	164	54353	19.691	ug/l	91
62) Toluene	10.635	91	328618	21.114	ug/l	98
64) Chlorobenzene	11.900	112	196665	21.016	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.965	131	73823	20.632	ug/l	96
66) Ethyl Benzene	11.971	91	341948	21.004	ug/l	99
67) m/p-Xylenes	12.076	106	258383	42.567	ug/l	99
68) o-Xylene	12.400	106	129456	21.630	ug/l	95
69) Styrene	12.418	104	214869	22.094	ug/l	99
70) Isopropylbenzene	12.700	105	305526	21.068	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.941	83	111804	20.567	ug/l	96
72) 1,2,3-Trichloropropane	13.000	75	92013m	20.632	ug/l	
73) Bromobenzene	12.988	156	75776	20.525	ug/l	98
74) n-propylbenzene	13.041	91	350017	21.297	ug/l	99
75) 2-Chlorotoluene	13.129	91	222361	21.327	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	241799	21.034	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	37437	22.588	ug/l	93
78) 4-Chlorotoluene	13.229	91	210947	21.118	ug/l	99
79) tert-butylbenzene	13.441	119	202279	20.823	ug/l	98
80) 1,2,4-Trimethylbenzene	13.488	105	240655	21.290	ug/l	99
81) sec-Butylbenzene	13.623	105	267421	20.859	ug/l	98
82) p-Isopropyltoluene	13.735	119	215344	20.574	ug/l	99
83) 1,3-Dichlorobenzene	13.741	146	127783	21.447	ug/l	95
84) 1,4-Dichlorobenzene	13.817	146	124955	21.361	ug/l	98
85) n-Butylbenzene	14.065	91	170671	20.732	ug/l	100
86) Hexachloroethane	14.335	117	42969	20.063	ug/l	93
87) 1,2-Dichlorobenzene	14.112	146	128917	21.126	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	20559	21.071	ug/l	95
89) 1,2,4-Trichlorobenzene	15.847	180	47864	19.860	ug/l	98
90) Hexachlorobutadiene	15.506	225	23550	18.769	ug/l	92
91) Naphthalene	15.647	128	140367	20.193	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	47864	19.860	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

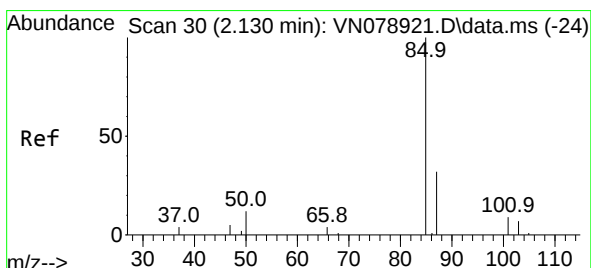
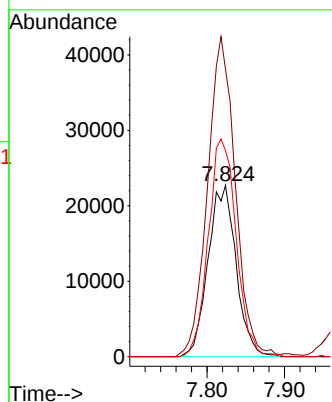
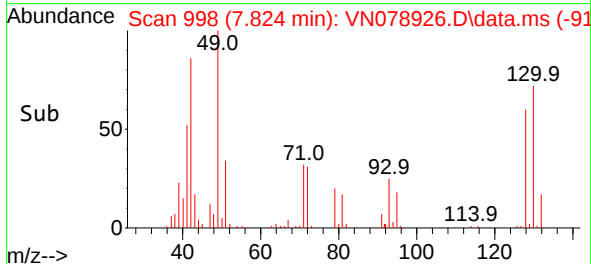
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723



Tgt Ion:128 Resp: 57192
Ion Ratio Lower Upper
128 100
49 183.9 0.0 481.8
130 125.9 0.0 320.5

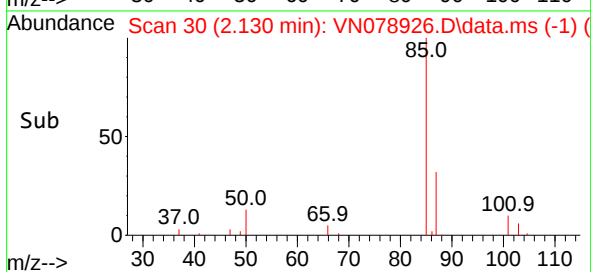
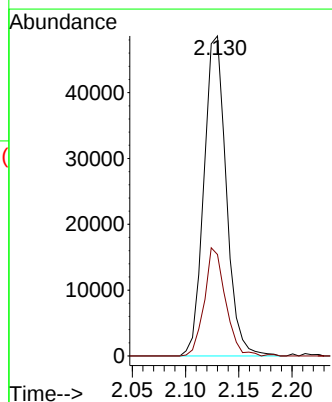
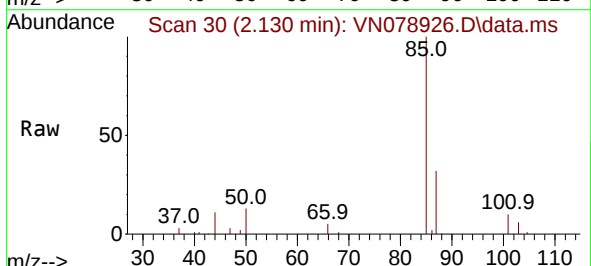
Manual Integrations
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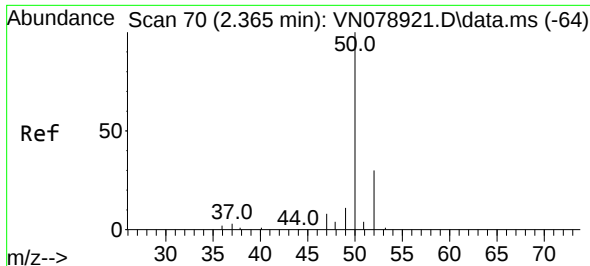
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#2
Dichlorodifluoromethane
Concen: 19.670 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

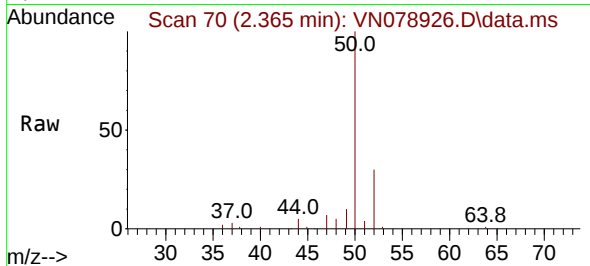
Tgt Ion: 85 Resp: 70989
Ion Ratio Lower Upper
85 100
87 31.7 15.9 47.7





#3
Chloromethane
Concen: 19.932 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

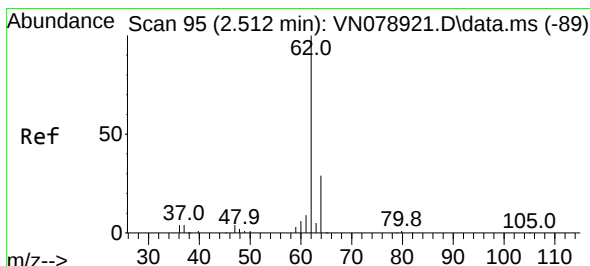
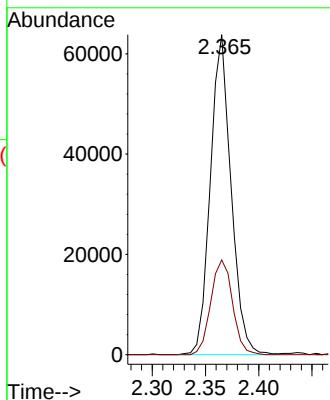
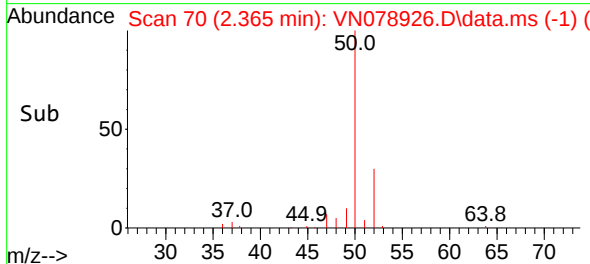
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723



Tgt Ion: 50 Resp: 8620
Ion Ratio Lower Upper
50 100
52 29.6 24.2 36.4

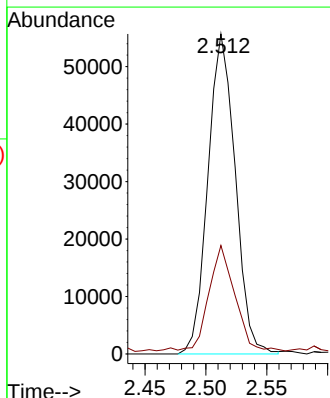
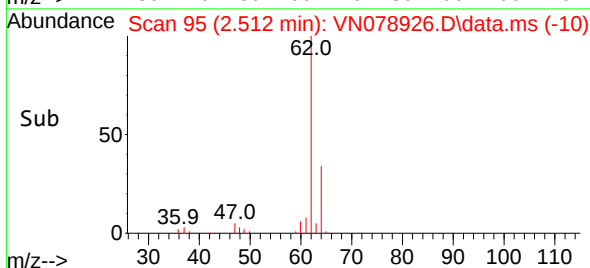
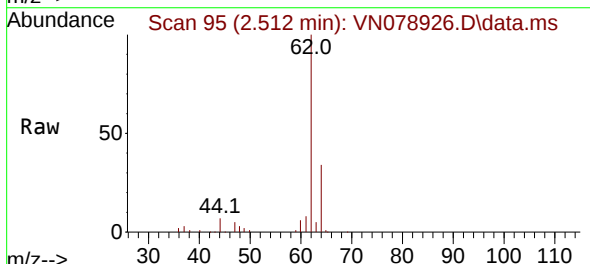
Manual Integrations
APPROVED

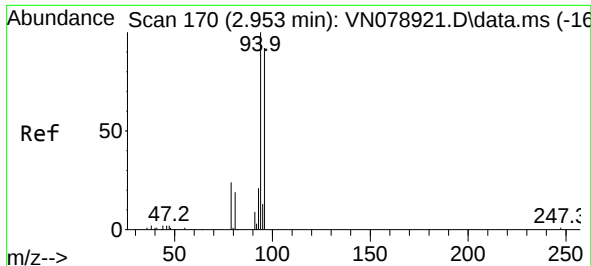
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#4
Vinyl Chloride
Concen: 20.330 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

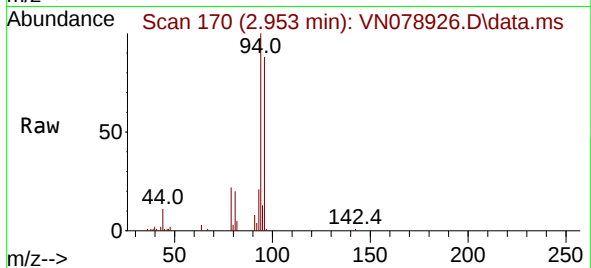
Tgt Ion: 62 Resp: 87025
Ion Ratio Lower Upper
62 100
64 32.7 23.8 35.8





#5
Bromomethane
Concen: 20.113 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

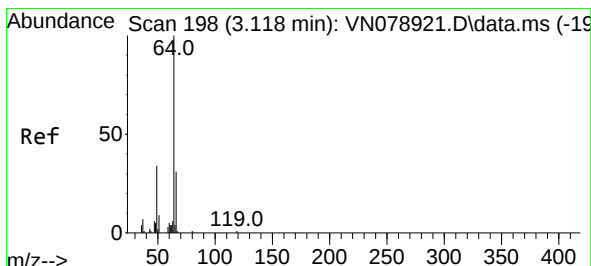
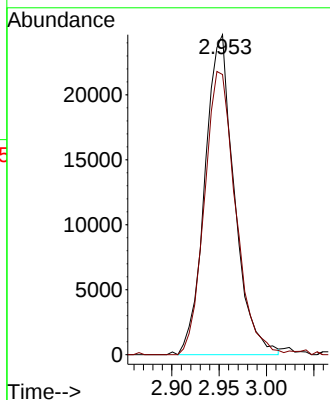
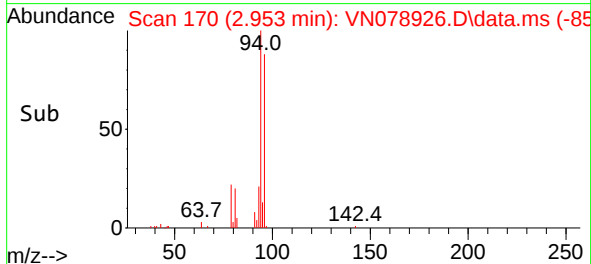
Instrument :
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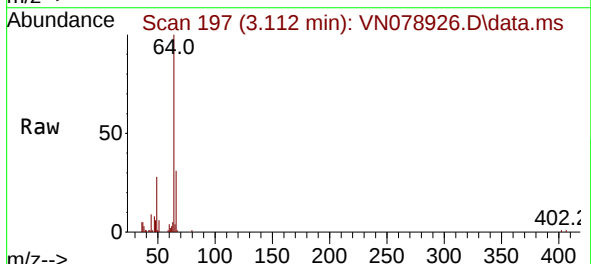
Tgt Ion: 94 Resp: 53144
Ion Ratio Lower Upper
94 100
96 87.6 73.6 110.4

Manual Integrations
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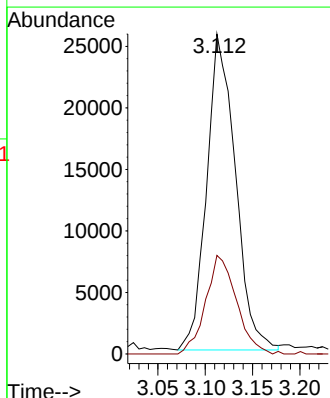
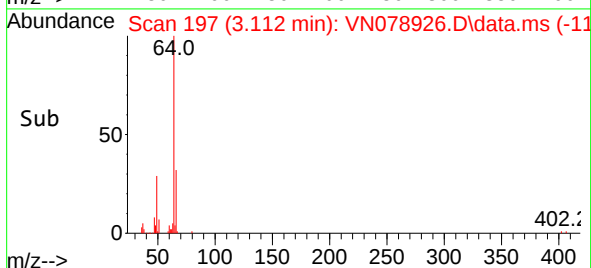
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

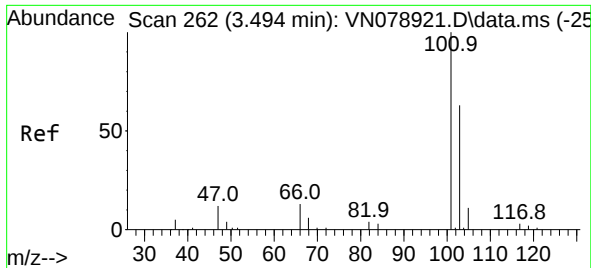


#6
Chloroethane
Concen: 19.500 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05



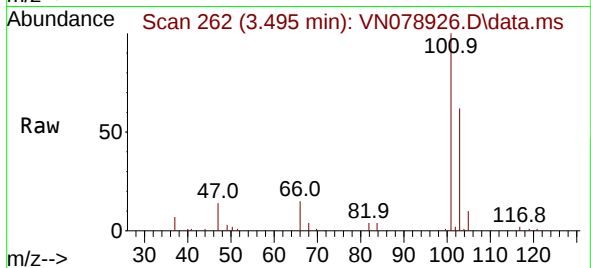
Tgt Ion: 64 Resp: 54245
Ion Ratio Lower Upper
64 100
66 31.2 24.9 37.3





#7
Trichlorofluoromethane
Concen: 19.962 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

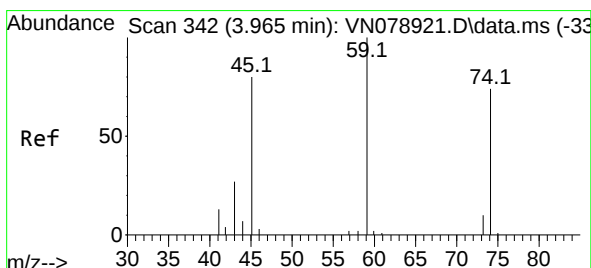
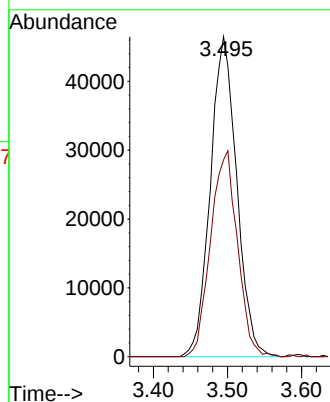
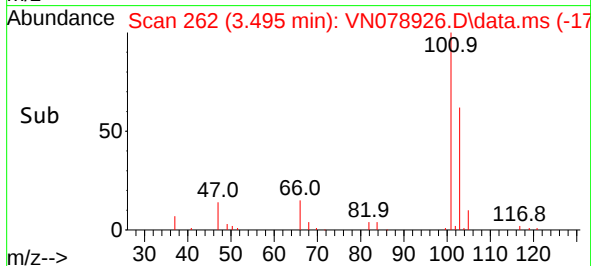
Instrument :
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Tgt Ion:101 Resp: 11509
Ion Ratio Lower Upper
101 100
103 61.5 50.9 76.3

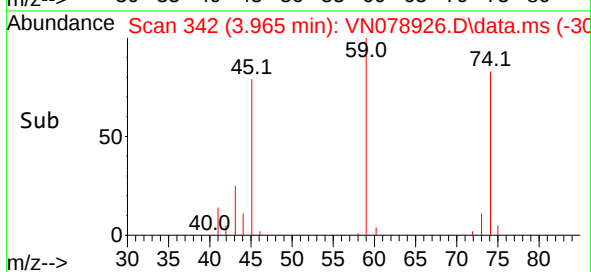
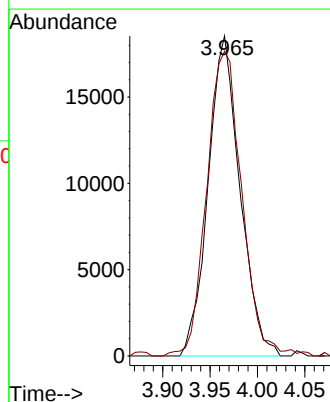
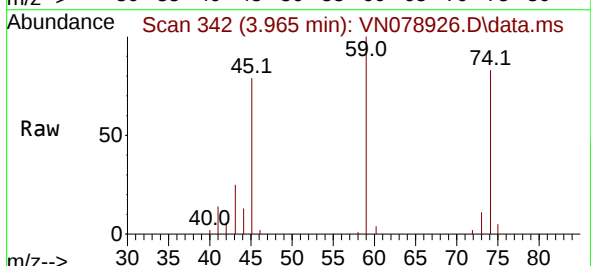
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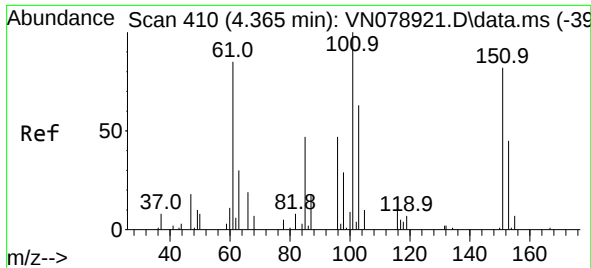
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#8
Diethyl Ether
Concen: 19.944 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

Tgt Ion: 74 Resp: 43249
Ion Ratio Lower Upper
74 100
45 104.2 21.3 191.9





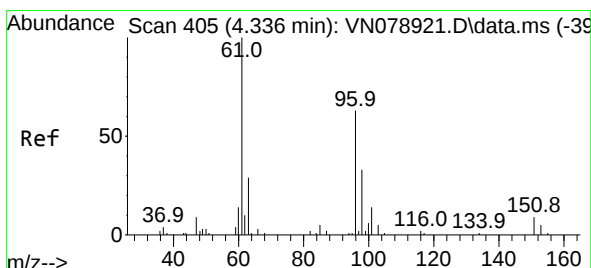
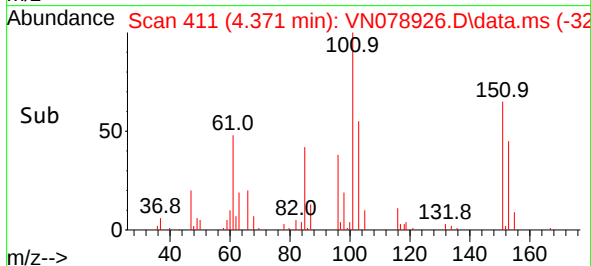
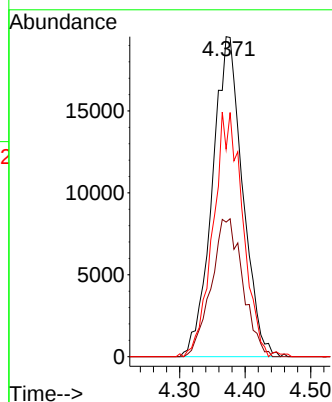
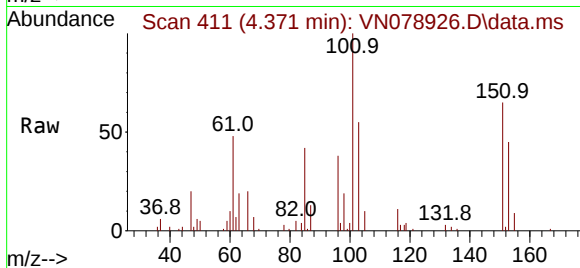
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1,1,2-Trichlorotrifluoroethane
Concen: 20.832 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723

Tgt Ion:101 Resp: 6272
Ion Ratio Lower Upper
101 100
85 44.9 0.0 65.4
151 74.4 0.0 156.8

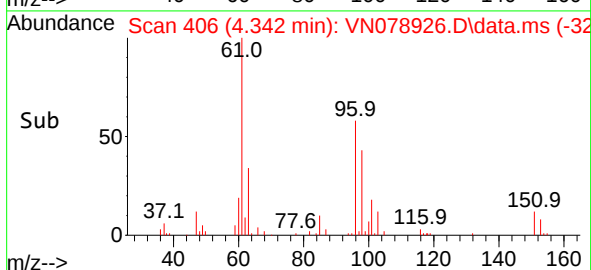
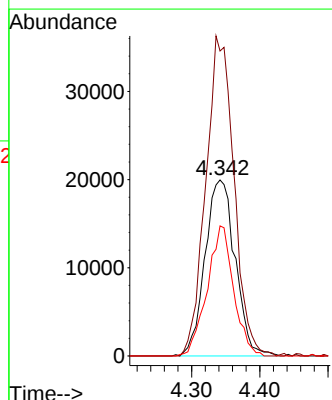
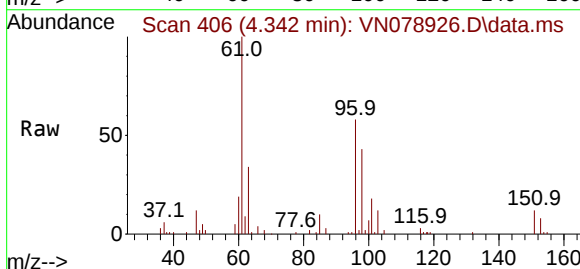
Manual Integrations
APPROVED

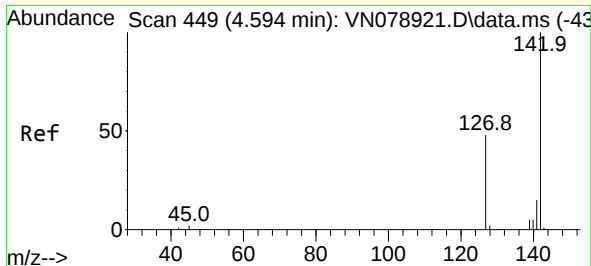
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#10
1,1-Dichloroethene
Concen: 20.239 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

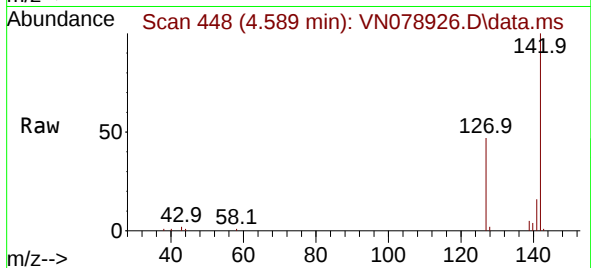
Tgt Ion: 96 Resp: 61312
Ion Ratio Lower Upper
96 100
61 173.2 126.2 189.4
98 73.9 41.7 62.5#





#11
Methyl Iodide
Concen: 19.909 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

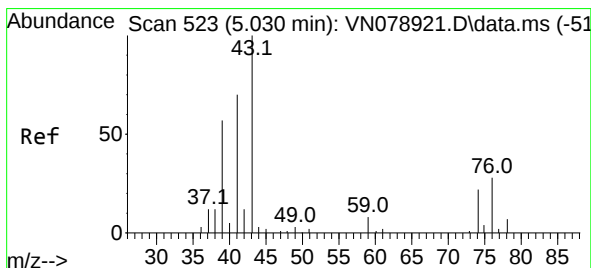
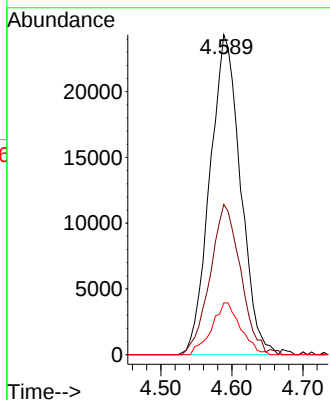
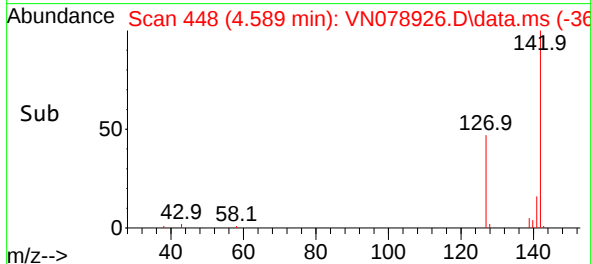
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723



Tgt Ion:142 Resp: 72778
Ion Ratio Lower Upper
142 100
127 46.3 24.3 72.9
141 16.2 7.3 22.0

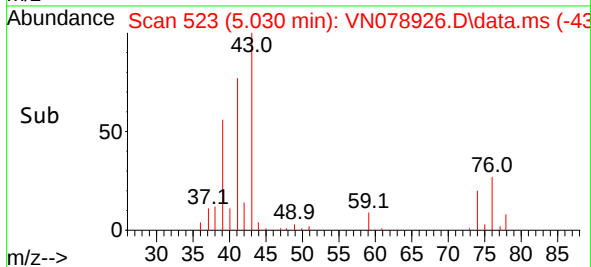
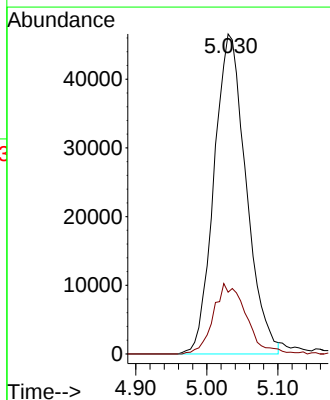
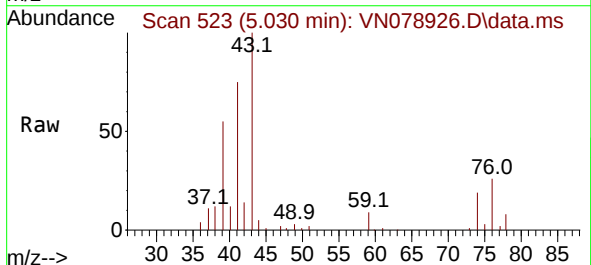
Manual Integrations
APPROVED

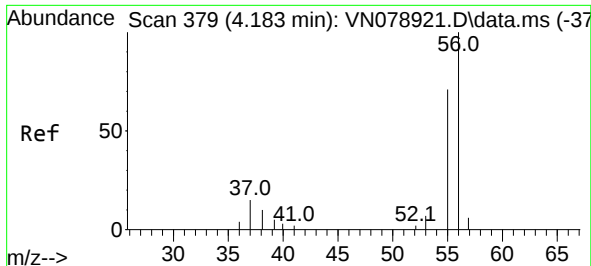
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#12
Methyl Acetate
Concen: 20.579 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

Tgt Ion: 43 Resp: 146124
Ion Ratio Lower Upper
43 100
74 18.9 17.5 26.3





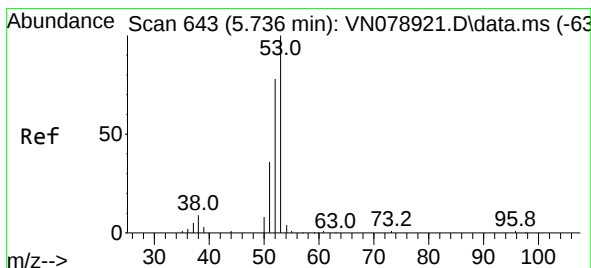
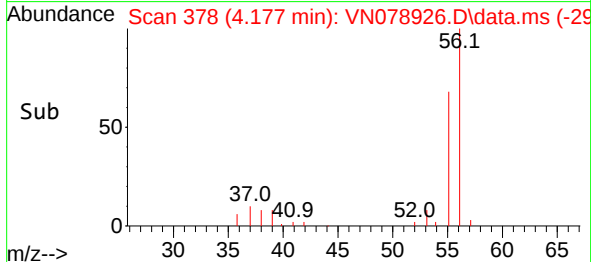
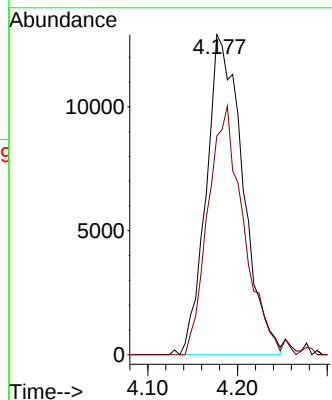
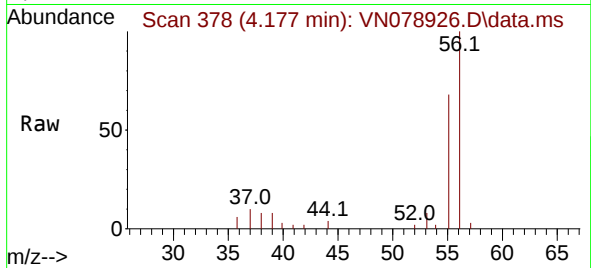
#13
Acrolein
Concen: 73.548 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723

Tgt Ion: 56 Resp: 36400
Ion Ratio Lower Upper
56 100
55 75.4 54.5 81.7

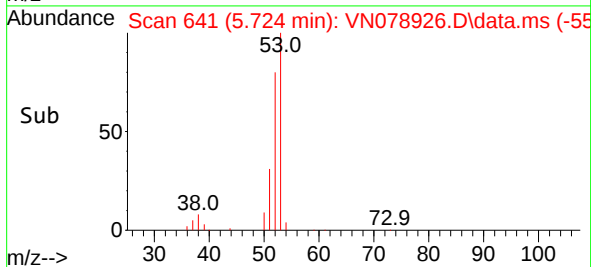
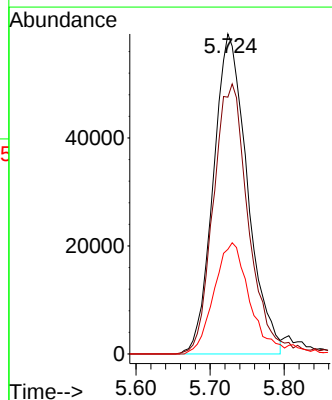
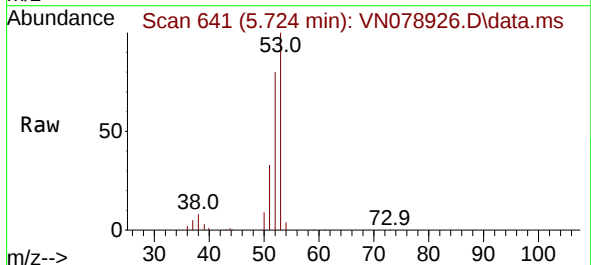
Manual Integrations
APPROVED

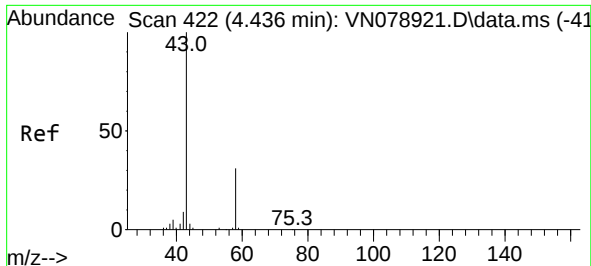
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#14
Acrylonitrile
Concen: 101.328 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.012 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

Tgt Ion: 53 Resp: 189137
Ion Ratio Lower Upper
53 100
52 86.4 41.9 125.6
51 34.7 10.1 30.1#





#15

Acetone

Concen: 104.067 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN078926.D

Acq: 17 Aug 2023 15:05

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081723

Tgt Ion: 58 Resp: 5958

Ion Ratio Lower Upper

58 100

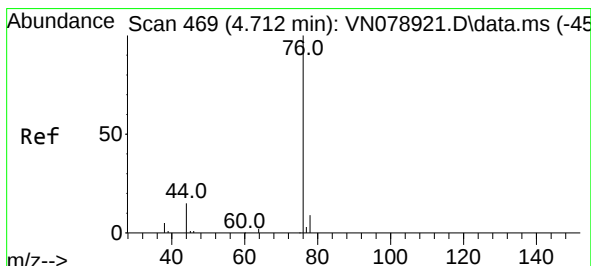
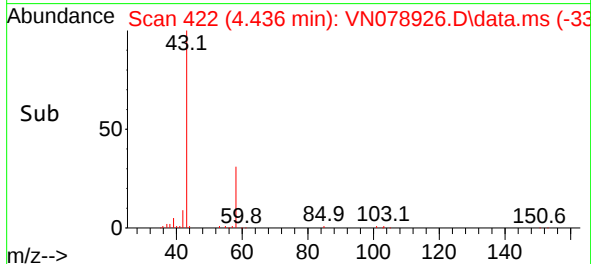
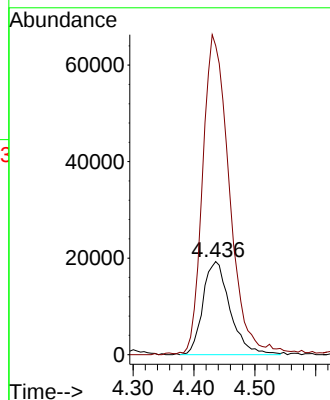
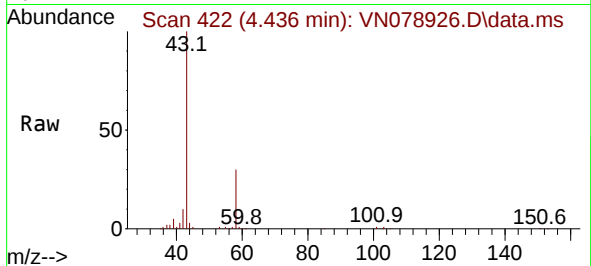
43 329.4 260.6 390.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#16

Carbon Disulfide

Concen: 19.424 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN078926.D

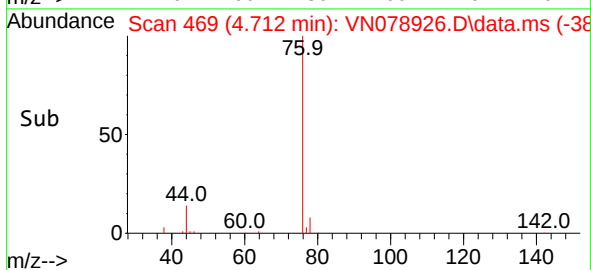
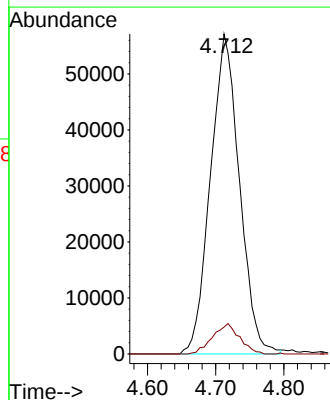
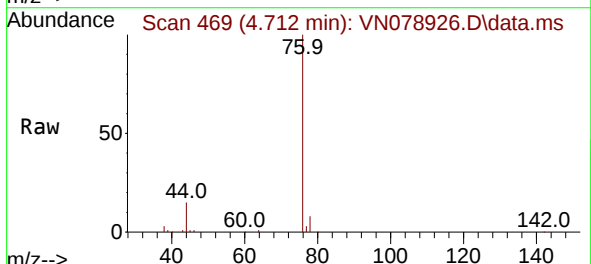
Acq: 17 Aug 2023 15:05

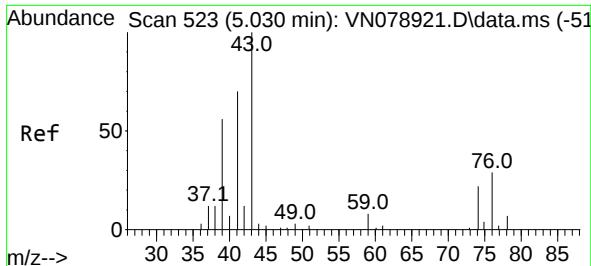
Tgt Ion: 76 Resp: 169071

Ion Ratio Lower Upper

76 100

78 8.4 7.0 10.6





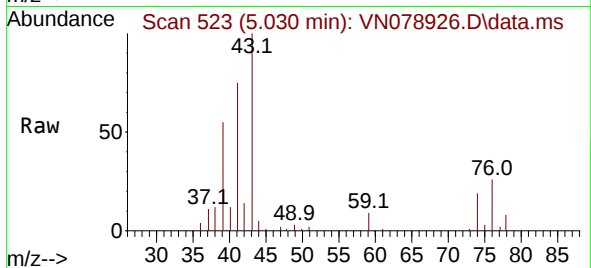
#17
 Allyl chloride
 Concen: 19.672 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN078926.D
 Acq: 17 Aug 2023 15:05

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081723

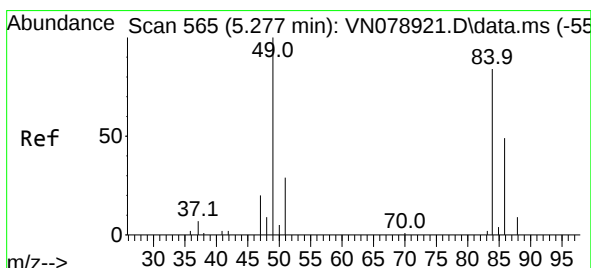
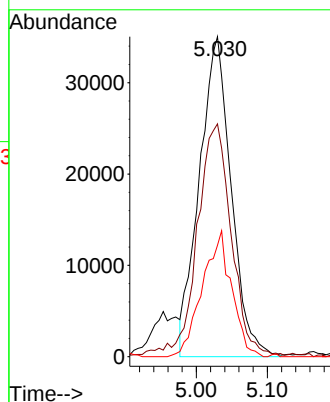
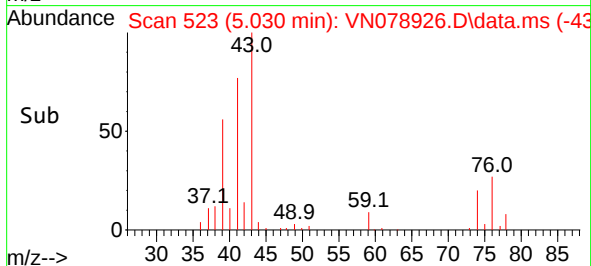


Tgt Ion: 41 Resp: 109229
 Ion Ratio Lower Upper
 41 100
 39 72.1 36.9 110.7
 76 34.9 17.3 51.9

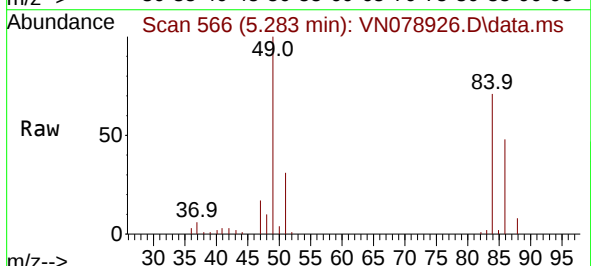
Manual Integrations

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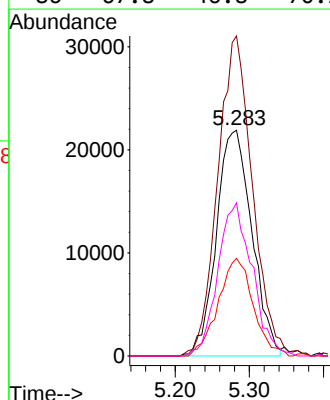
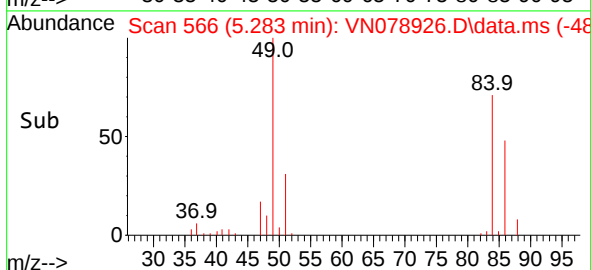
Reviewed By :John Carlone 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023

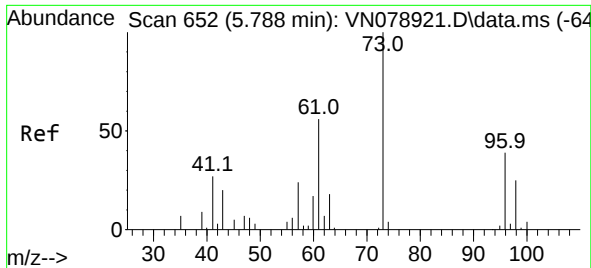


#18
 Methylene Chloride
 Concen: 20.137 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.006 min
 Lab File: VN078926.D
 Acq: 17 Aug 2023 15:05



Tgt Ion: 84 Resp: 72926
 Ion Ratio Lower Upper
 84 100
 49 141.8 95.8 143.6
 51 43.3 28.6 43.0#
 86 67.8 46.8 70.2





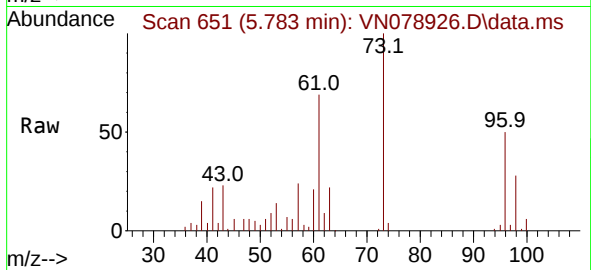
#19
trans-1,2-Dichloroethene
Concen: 20.101 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081723

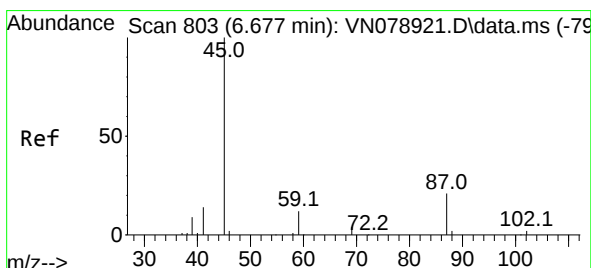
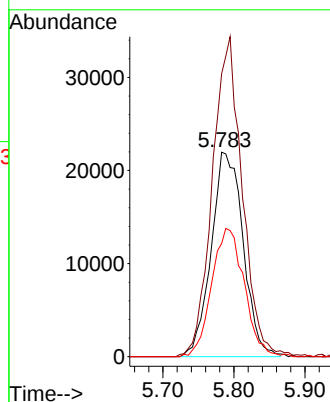
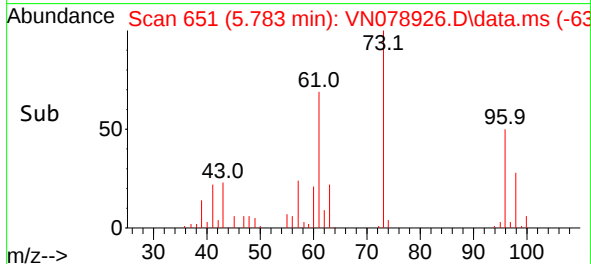


Tgt Ion: 96 Resp: 68534
Ion Ratio Lower Upper
96 100
61 137.3 114.0 171.0
98 55.3 50.6 76.0

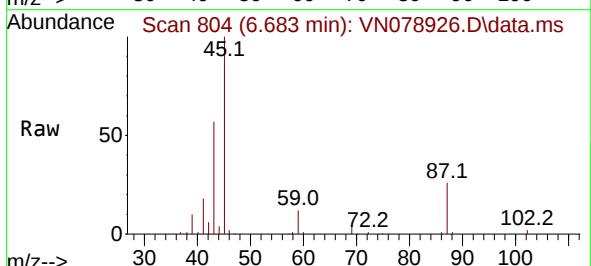
Manual Integrations

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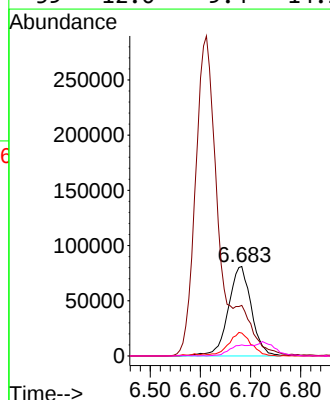
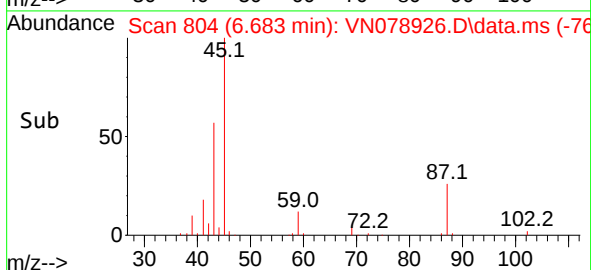
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

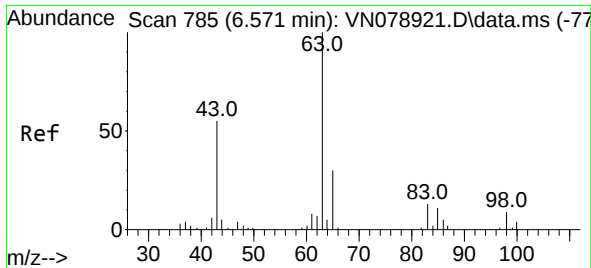


#20
Diisopropyl ether
Concen: 21.407 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05



Tgt Ion: 45 Resp: 258561
Ion Ratio Lower Upper
45 100
43 53.4 37.4 56.2
87 25.6 17.3 25.9
59 12.0 9.4 14.2





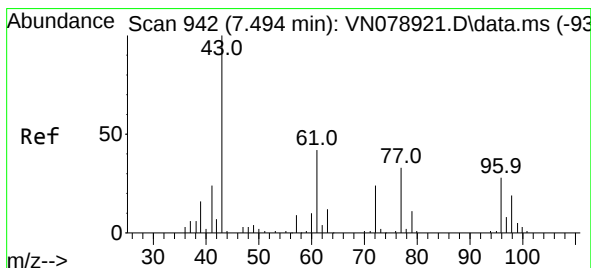
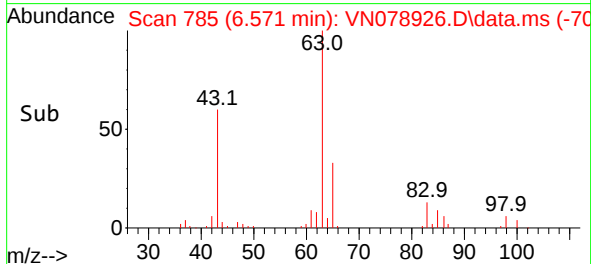
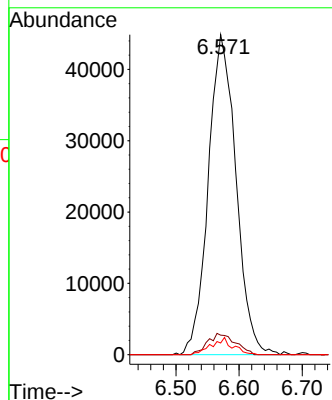
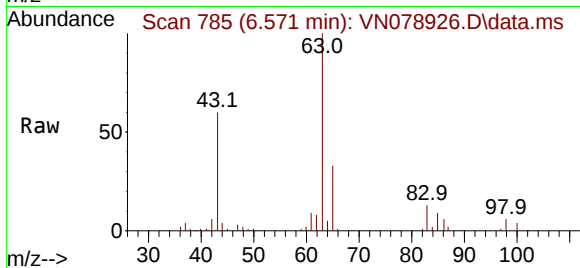
#21
1,1-Dichloroethane
Concen: 20.402 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723

Tgt Ion: 63 Resp: 136739
Ion Ratio Lower Upper
63 100
98 6.1 4.4 13.2
100 3.7 2.1 6.5

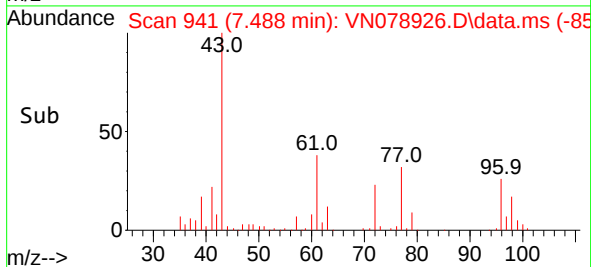
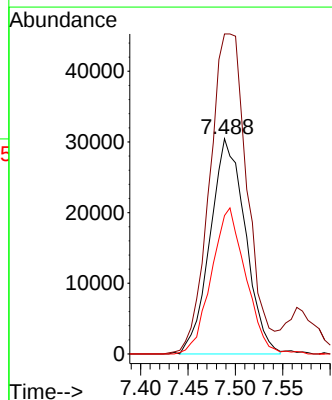
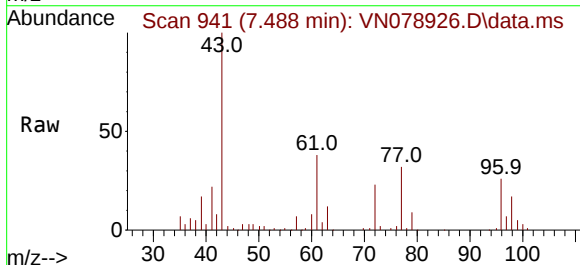
Manual Integrations
APPROVED

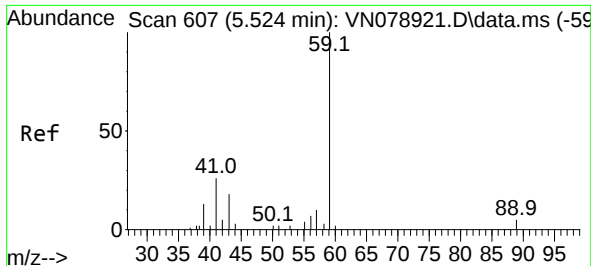
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#22
cis-1,2-Dichloroethene
Concen: 20.205 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

Tgt Ion: 96 Resp: 78843
Ion Ratio Lower Upper
96 100
61 158.5 121.8 182.6
98 65.9 50.7 76.1





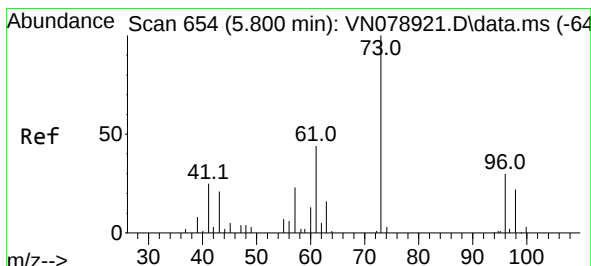
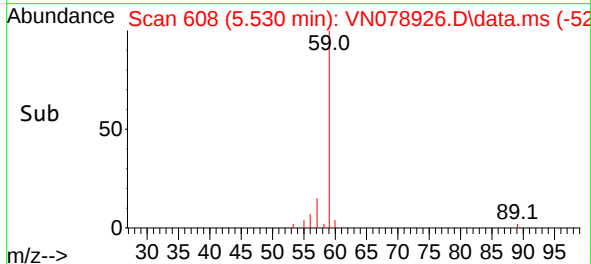
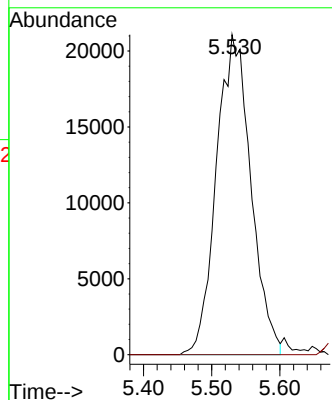
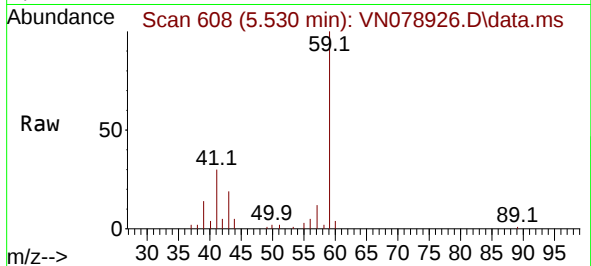
#23
tert-Butyl Alcohol
Concen: 106.320 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723

Tgt Ion: 59 Resp: 74020
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

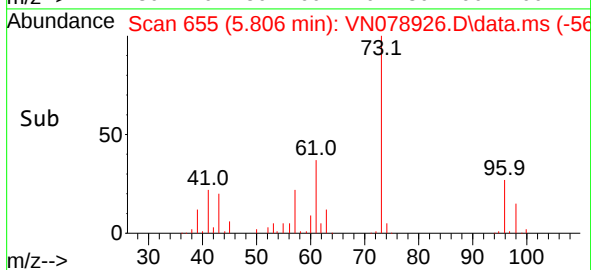
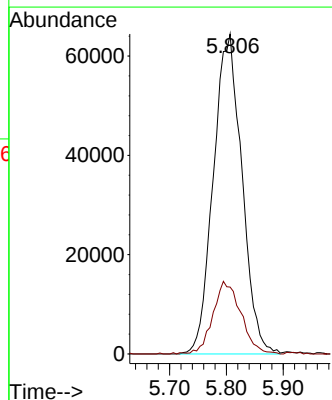
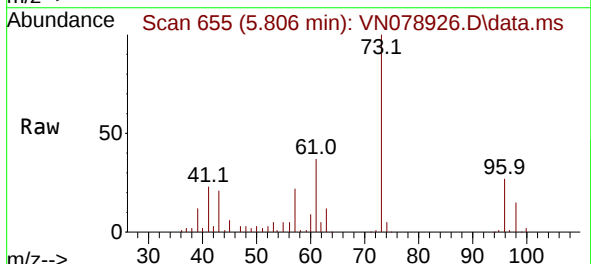
Manual Integrations
APPROVED

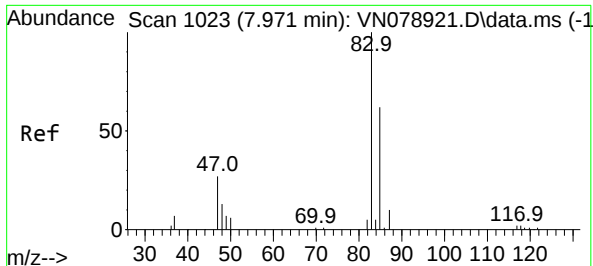
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#24
Methyl tert-Butyl Ether
Concen: 20.907 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.006 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

Tgt Ion: 73 Resp: 224820
Ion Ratio Lower Upper
73 100
43 22.1 17.3 25.9





#25

Chloroform

Concen: 20.564 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078926.D

Acq: 17 Aug 2023 15:05

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081723

Tgt Ion: 83 Resp: 13884

Ion Ratio Lower Upper

83 100

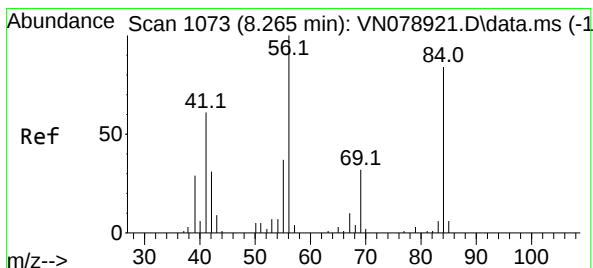
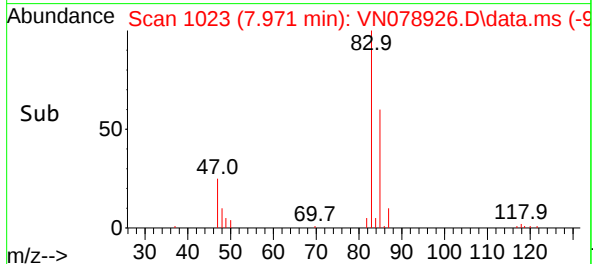
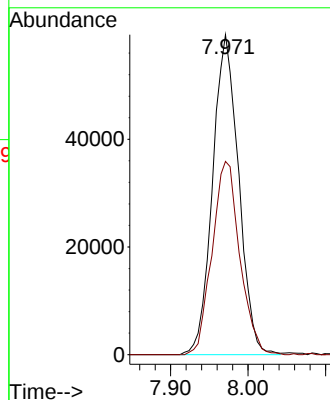
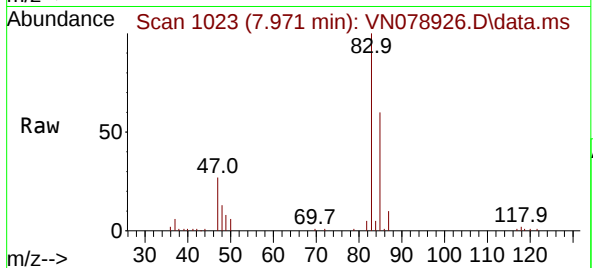
85 60.4 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#26

Cyclohexane

Concen: 20.062 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078926.D

Acq: 17 Aug 2023 15:05

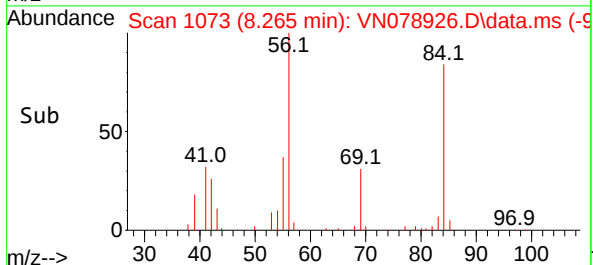
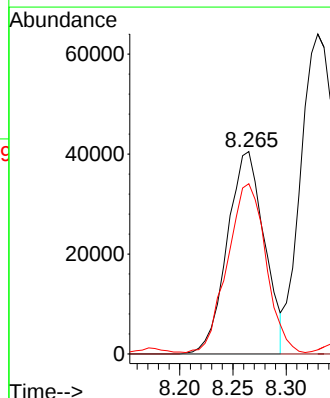
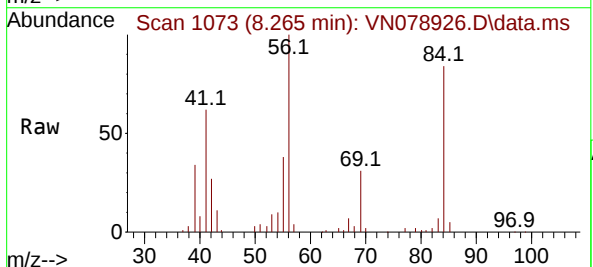
Tgt Ion: 56 Resp: 98355

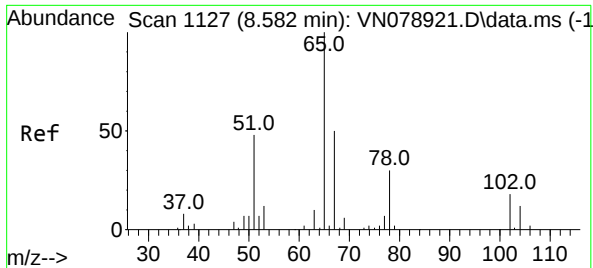
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.6 70.1 105.1





#27
1,2-Dichloroethane-d4
Concen: 29.127 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

Instrument :

MSVOA_N

ClientSampleId :

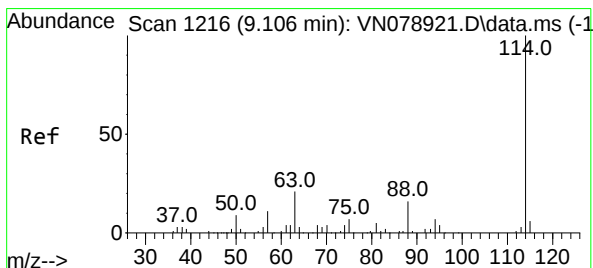
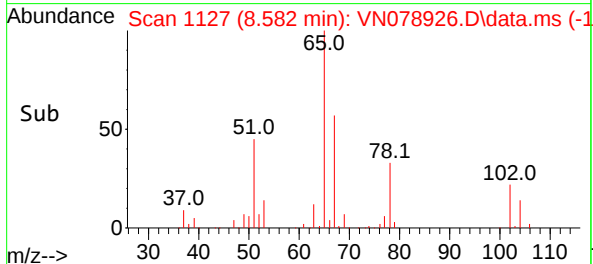
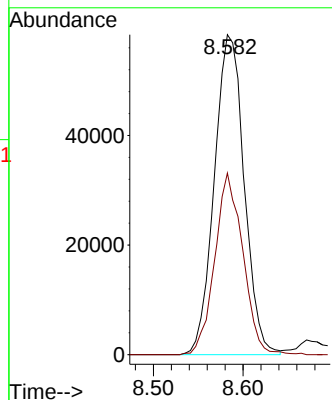
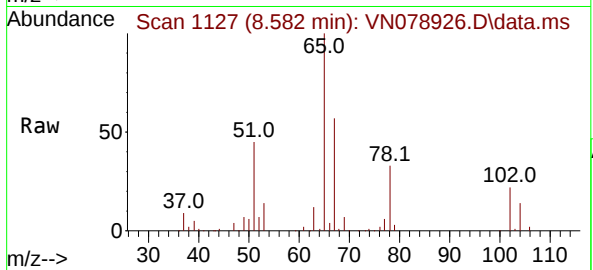
ICVVN081723

Tgt Ion: 65 Resp: 134950
Ion Ratio Lower Upper
65 100
67 53.0 40.7 61.1

Manual Integrations

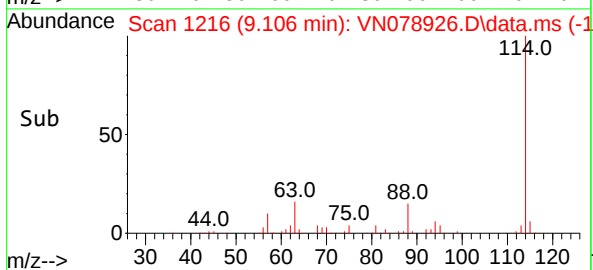
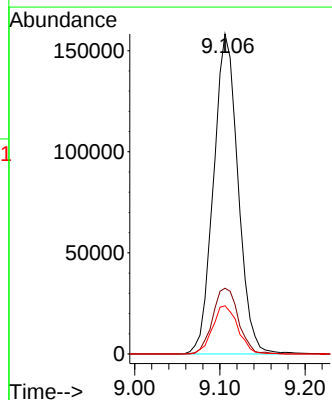
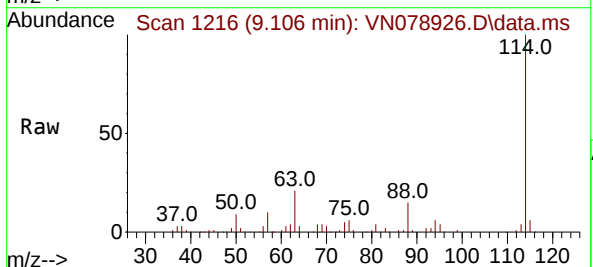
APPROVED

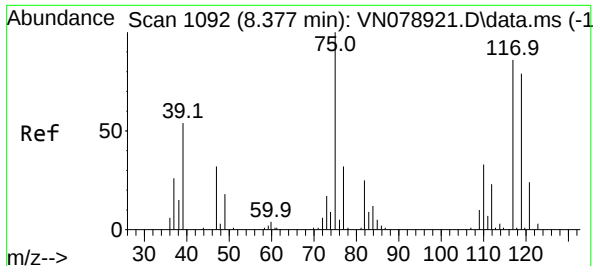
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

Tgt Ion:114 Resp: 316067
Ion Ratio Lower Upper
114 100
63 21.4 17.4 26.2
88 15.5 12.0 18.0





#29

1,1-Dichloropropene

Concen: 20.953 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN078926.D

Acq: 17 Aug 2023 15:05

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081723

Tgt Ion: 75 Resp: 10074

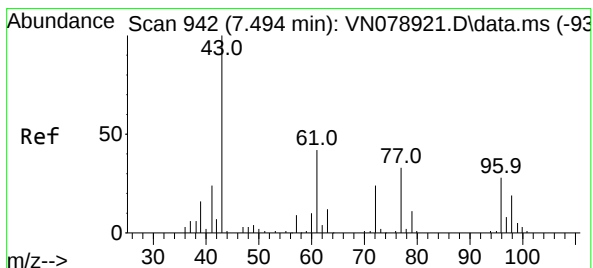
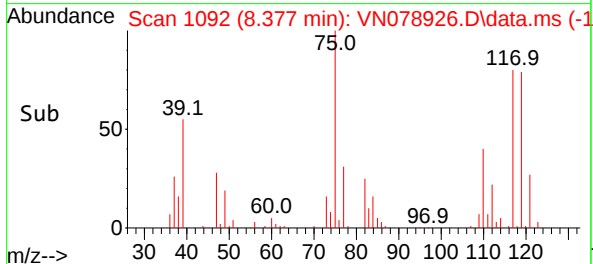
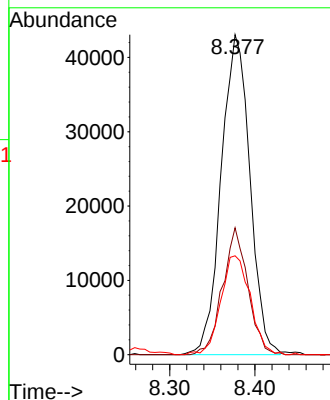
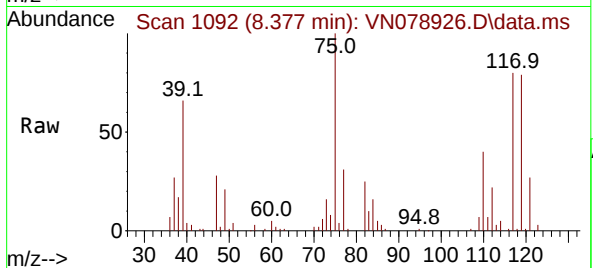
Ion	Ratio	Lower	Upper
75	100		
110	35.0	0.0	65.8
77	31.4	0.0	60.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#30

2-Butanone

Concen: 106.695 ug/l

RT: 7.488 min Scan# 941

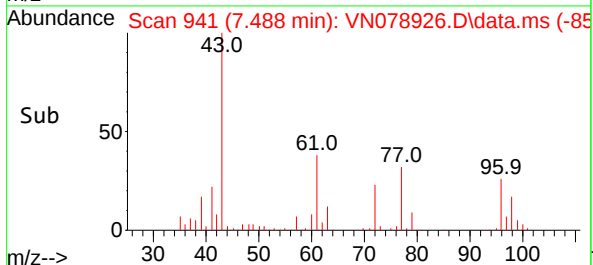
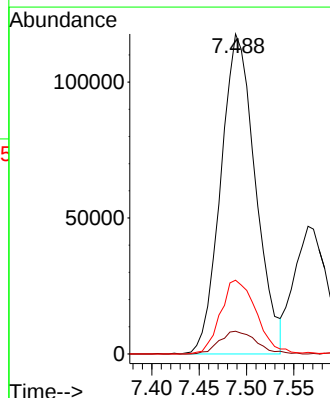
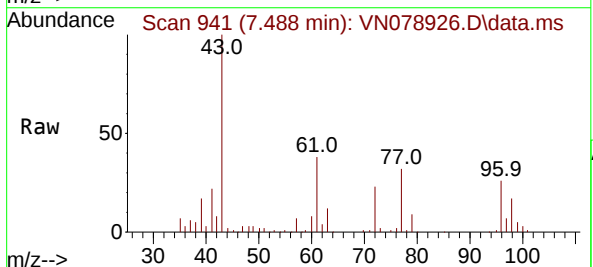
Delta R.T. -0.006 min

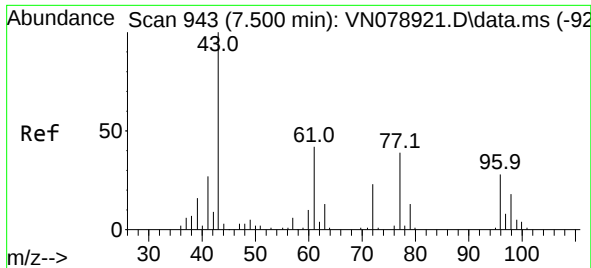
Lab File: VN078926.D

Acq: 17 Aug 2023 15:05

Tgt Ion: 43 Resp: 300314

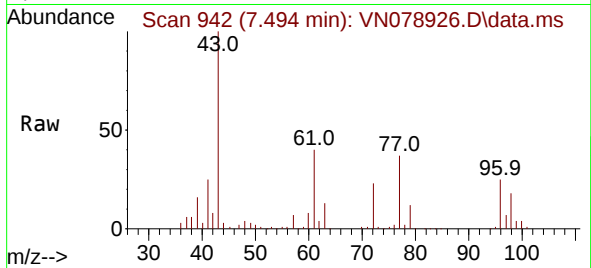
Ion	Ratio	Lower	Upper
43	100		
57	7.5	6.2	9.4
72	23.8	19.4	29.2





#31
2,2-Dichloropropane
Concen: 21.965 ug/l
RT: 7.494 min Scan# 943
Delta R.T. -0.006 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

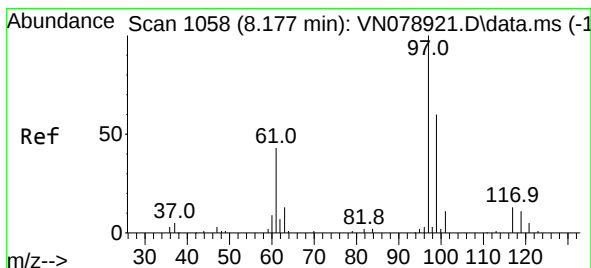
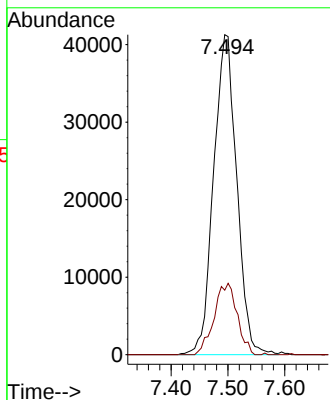
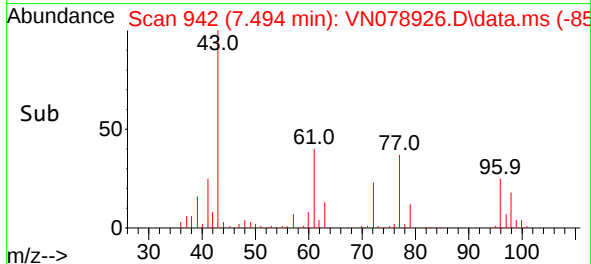
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723



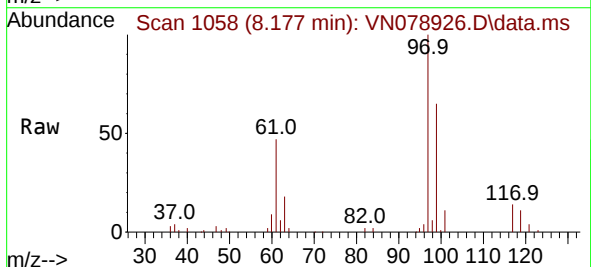
Tgt Ion: 77 Resp: 11671
Ion Ratio Lower Upper
77 100
97 22.2 17.6 26.4

Manual Integrations
APPROVED

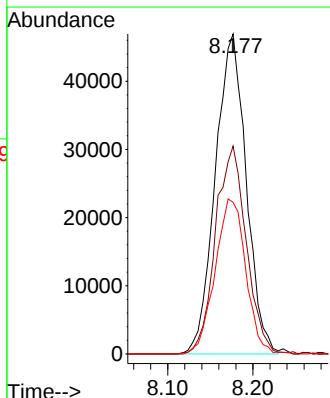
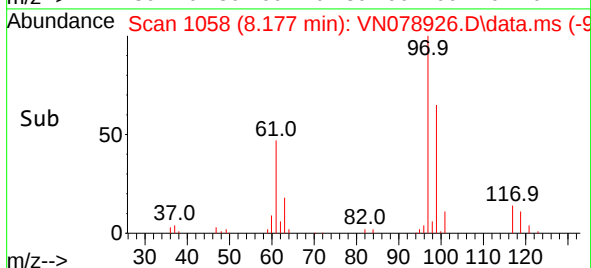
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

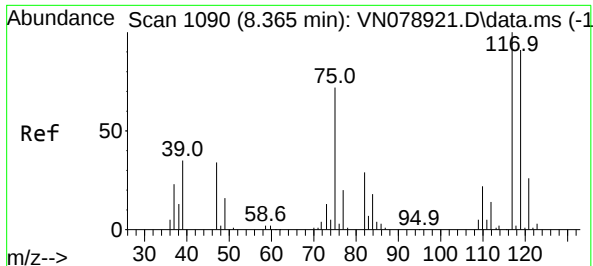


#32
1,1,1-Trichloroethane
Concen: 20.603 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05



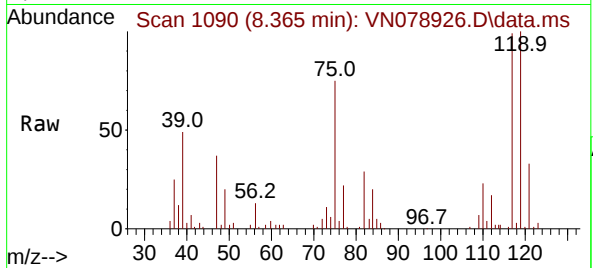
Tgt Ion: 97 Resp: 118270
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 47.8 37.0 55.6





#33
Carbon Tetrachloride
Concen: 20.538 ug/l m
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

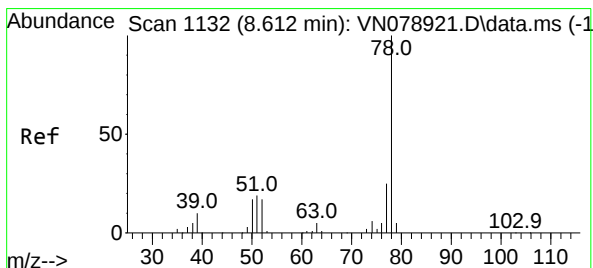
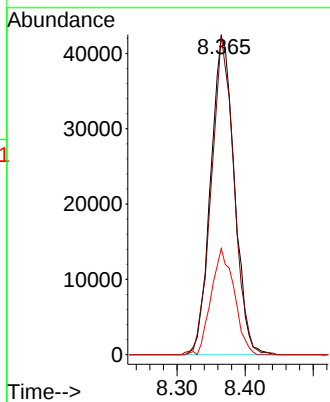
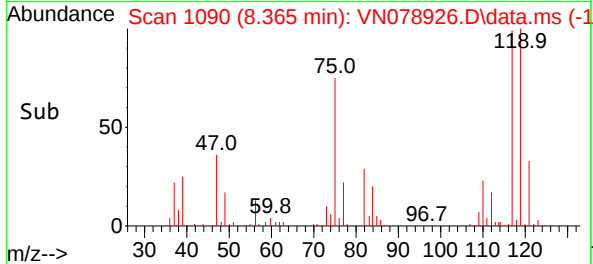
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723



Tgt Ion:117 Resp: 102120
Ion Ratio Lower Upper
117 100
119 100.6 72.6 108.8
121 33.4 20.7 31.1

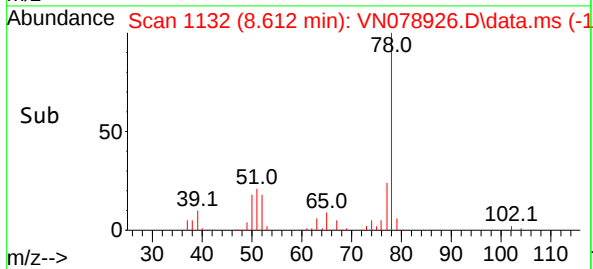
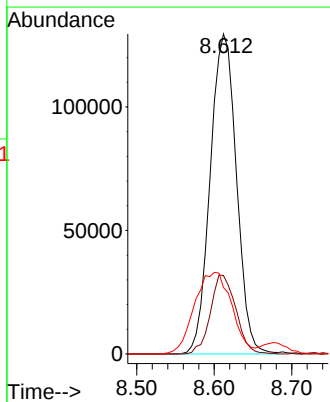
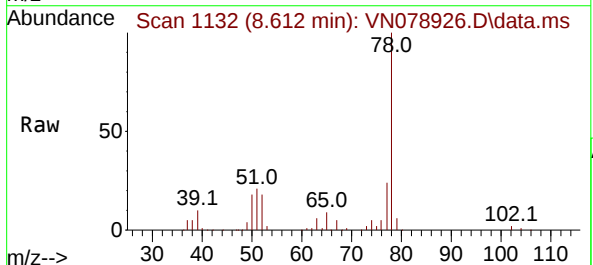
Manual Integrations
APPROVED

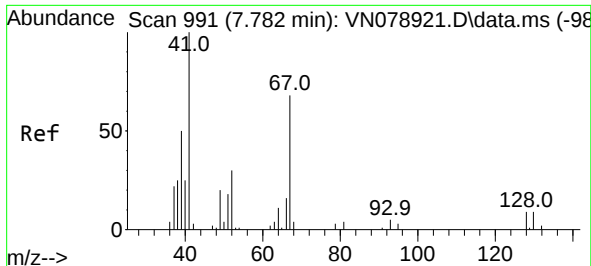
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#34
Benzene
Concen: 21.186 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

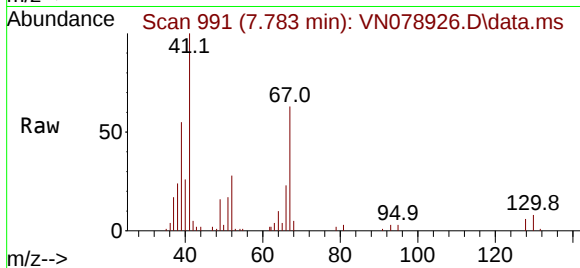
Tgt Ion: 78 Resp: 305260
Ion Ratio Lower Upper
78 100
77 24.5 19.9 29.9
51 18.6 14.8 22.2





#35
Methacrylonitrile
Concen: 21.098 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

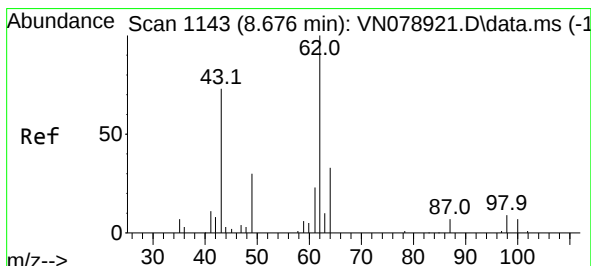
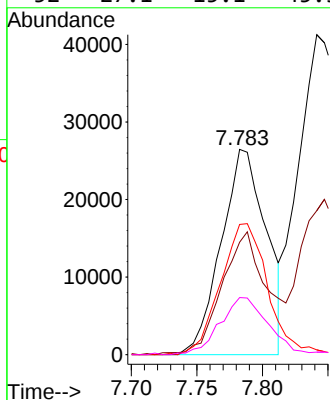
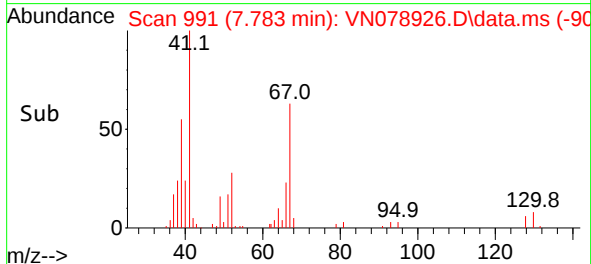
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723



Tgt Ion: 41	Resp: 6329
Ion Ratio	Lower Upper
41 100	
39 53.8	25.0 75.0
67 63.5	34.0 102.0
52 27.1	15.1 45.3

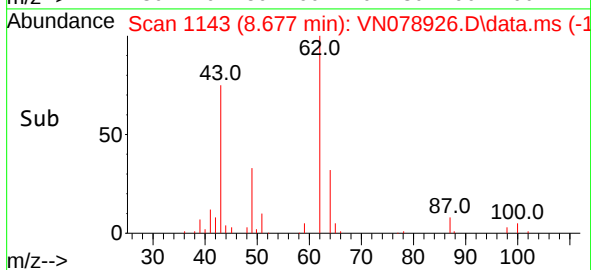
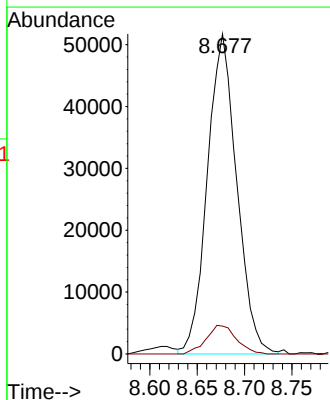
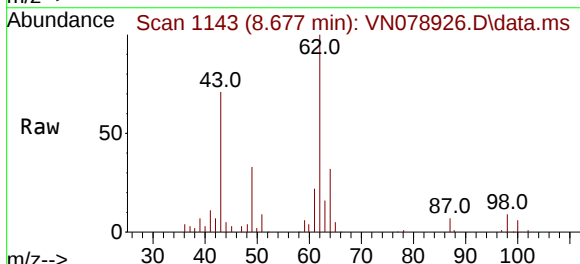
Manual Integrations
APPROVED

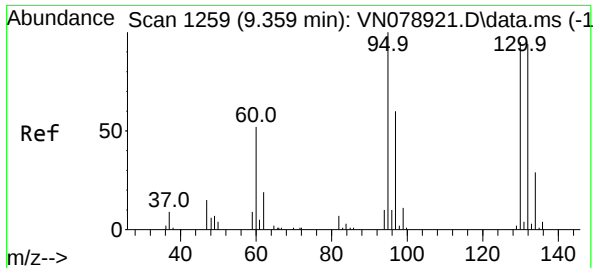
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#36
1,2-Dichloroethane
Concen: 20.714 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

Tgt Ion: 62	Resp: 111764
Ion Ratio	Lower Upper
62 100	
98 9.1	8.1 12.1





#37

Trichloroethene

Concen: 20.508 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078926.D

Acq: 17 Aug 2023 15:05

Instrument :

MSVOA_N

ClientSampleId :

ICNVN081723

Tgt Ion:130 Resp: 7355

Ion Ratio Lower Upper

130 100

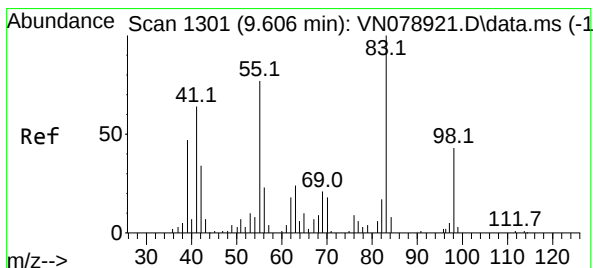
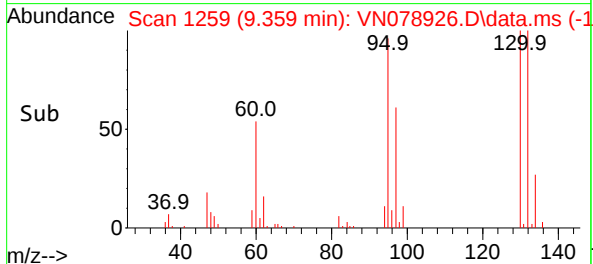
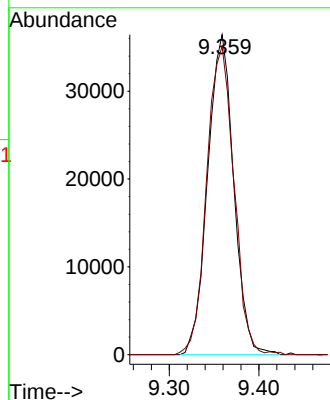
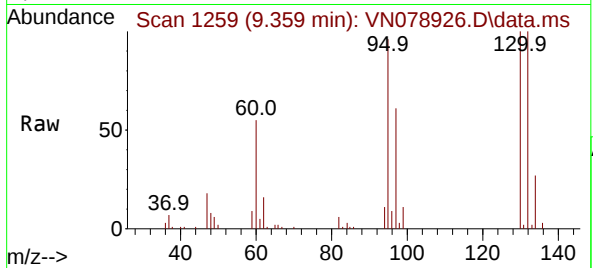
95 95.6 84.6 127.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#38

Methylcyclohexane

Concen: 20.750 ug/l

RT: 9.612 min Scan# 1302

Delta R.T. 0.006 min

Lab File: VN078926.D

Acq: 17 Aug 2023 15:05

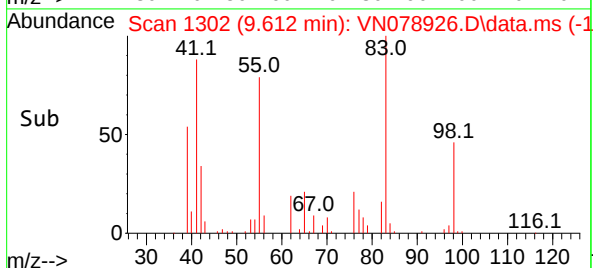
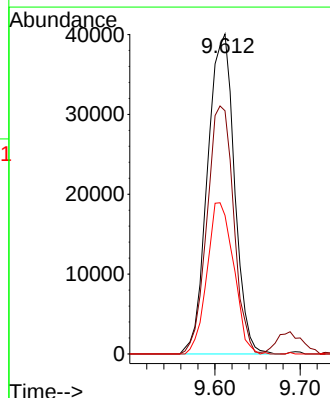
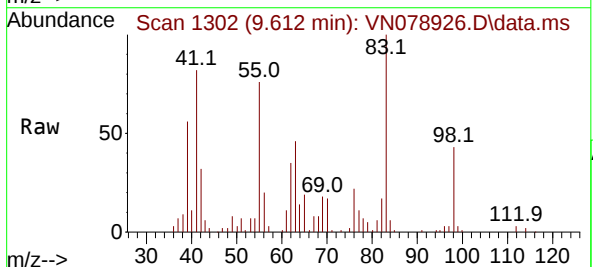
Tgt Ion: 83 Resp: 87835

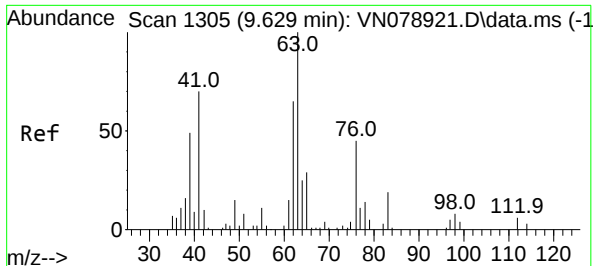
Ion Ratio Lower Upper

83 100

55 76.7 40.2 120.6

98 46.7 24.1 72.3





#39

1,2-Dichloropropane

Concen: 20.678 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078926.D

Acq: 17 Aug 2023 15:05

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081723

Tgt Ion: 63 Resp: 8025

Ion Ratio Lower Upper

63 100

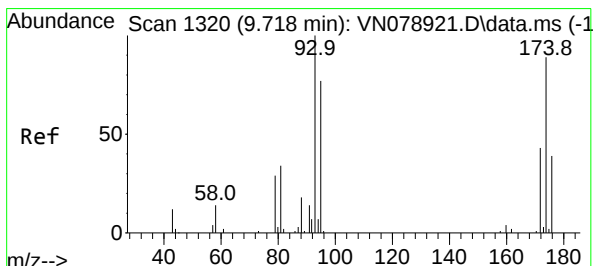
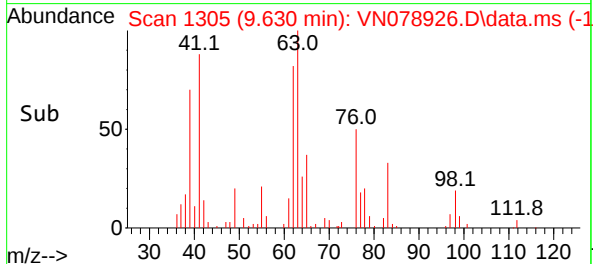
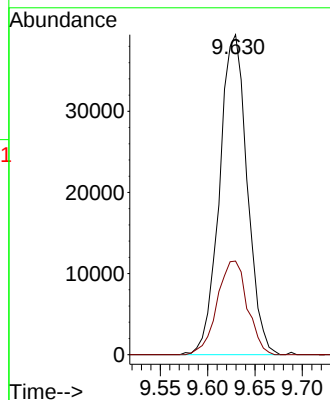
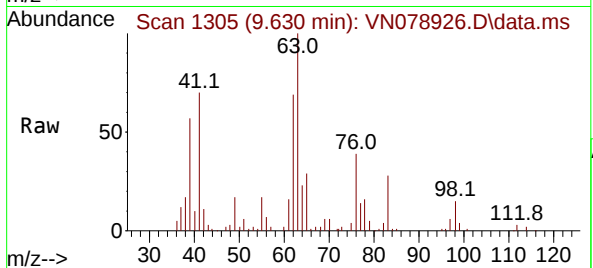
65 29.3 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#40

Dibromomethane

Concen: 20.301 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078926.D

Acq: 17 Aug 2023 15:05

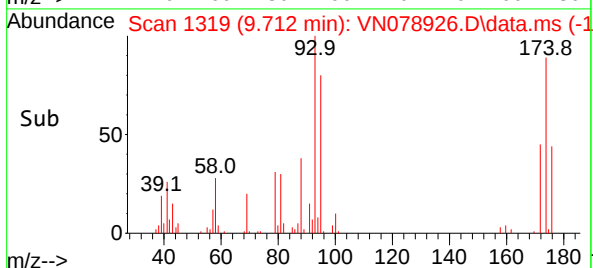
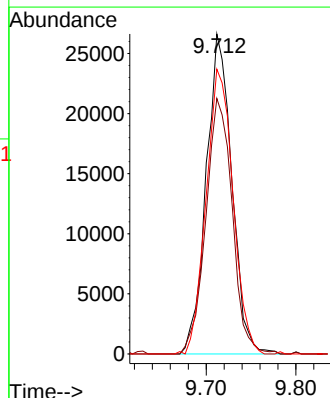
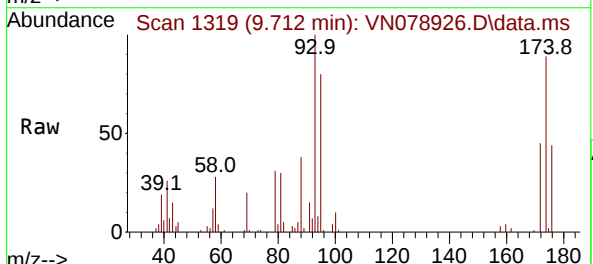
Tgt Ion: 93 Resp: 52813

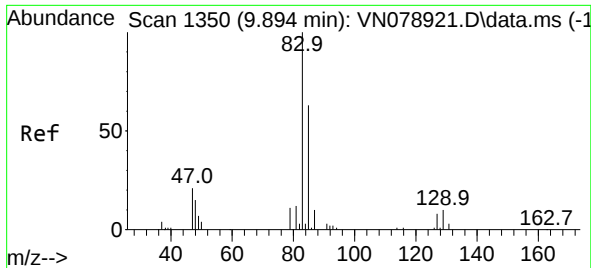
Ion Ratio Lower Upper

93 100

95 82.2 0.0 162.0

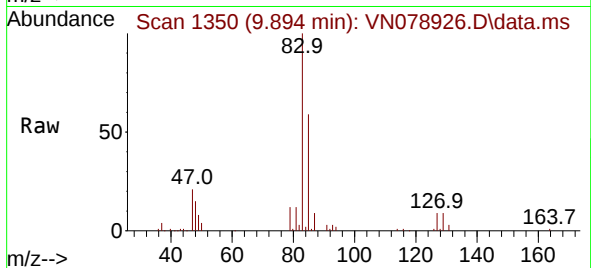
174 93.2 0.0 188.6





#41
Bromodichloromethane
Concen: 21.096 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

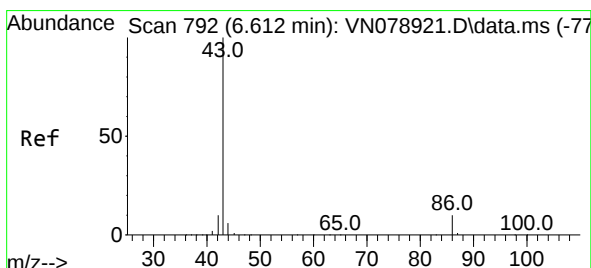
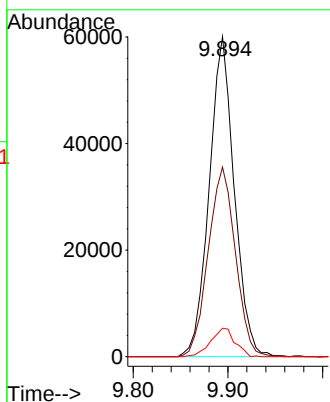
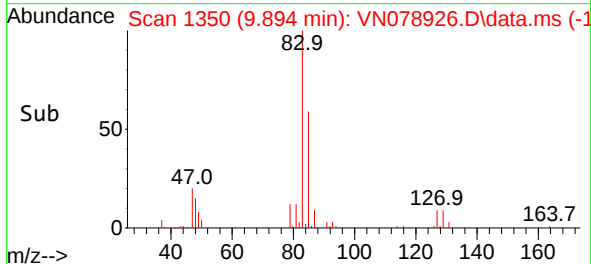
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723



Tgt Ion: 83 Resp: 110368
Ion Ratio Lower Upper
83 100
85 59.2 50.2 75.2
127 8.9 6.2 9.4

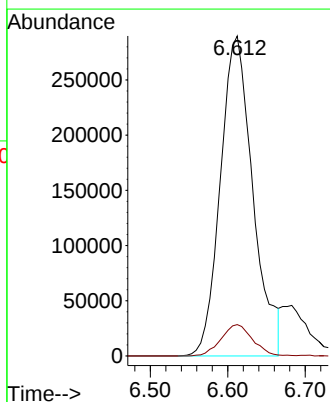
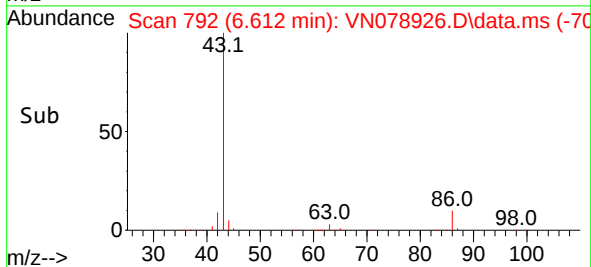
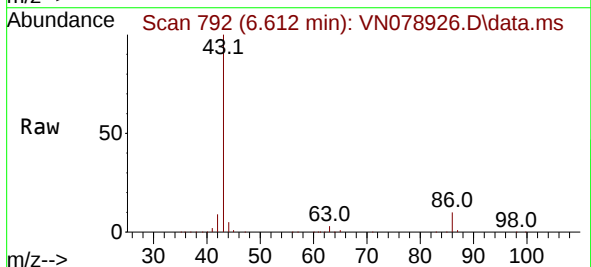
Manual Integrations
APPROVED

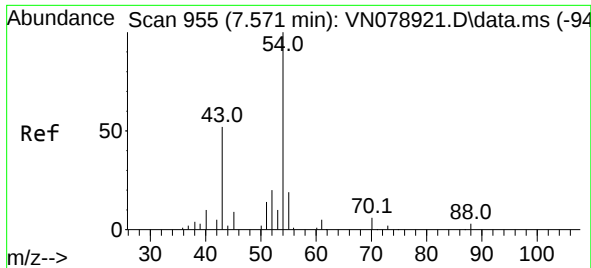
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#42
Vinyl Acetate
Concen: 106.877 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

Tgt Ion: 43 Resp: 848156
Ion Ratio Lower Upper
43 100
86 9.5 7.4 11.0





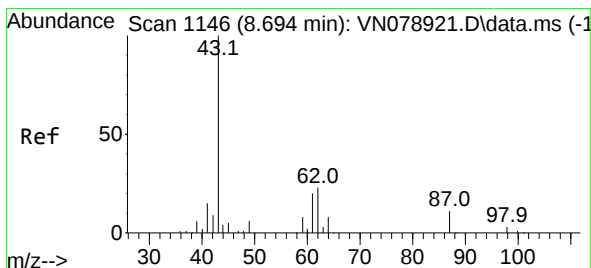
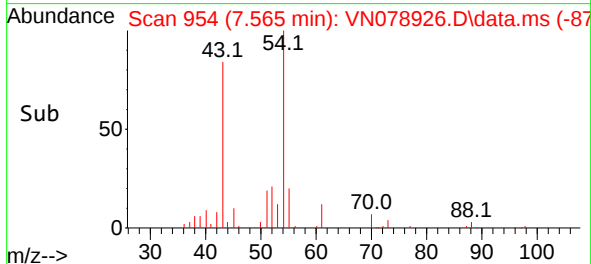
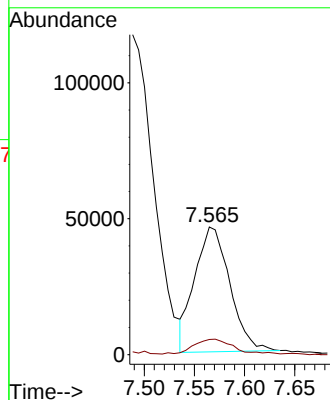
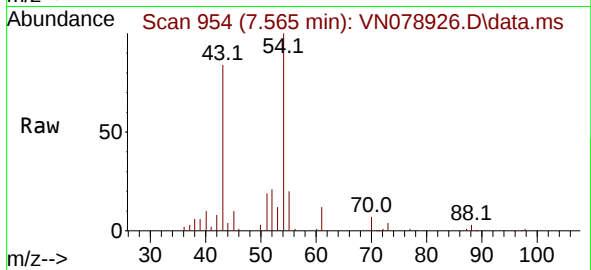
#43
Ethyl Acetate
Concen: 20.509 ug/l
RT: 7.565 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723

Tgt Ion: 43 Resp: 11199
Ion Ratio Lower Upper
43 100
45 11.4 9.6 14.4

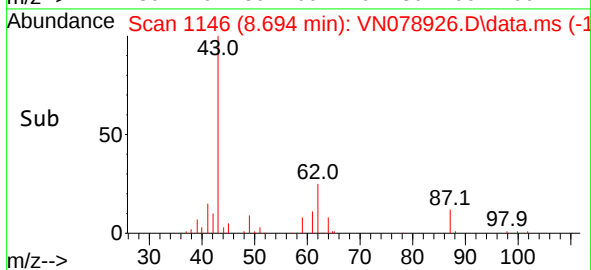
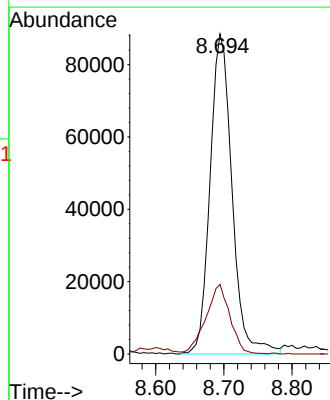
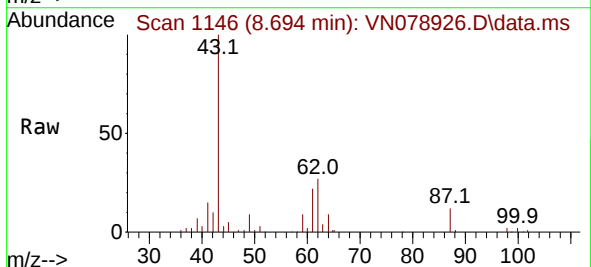
Manual Integrations
APPROVED

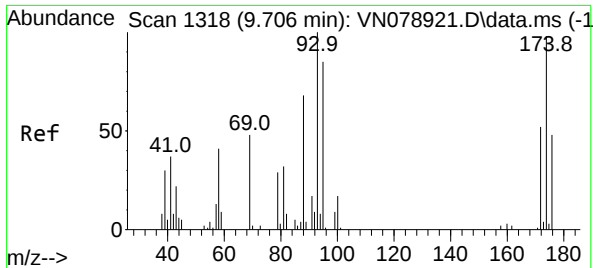
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#44
Isopropyl Acetate
Concen: 20.639 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

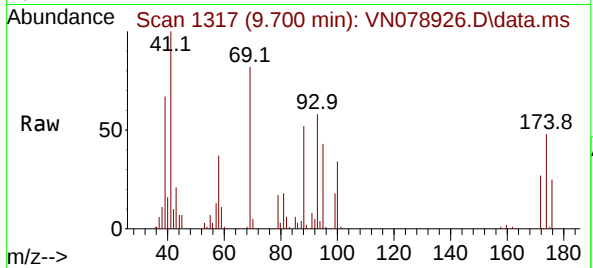
Tgt Ion: 43 Resp: 198582
Ion Ratio Lower Upper
43 100
61 23.9 19.0 28.4





#45
1,4-Dioxane
Concen: 416.603 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

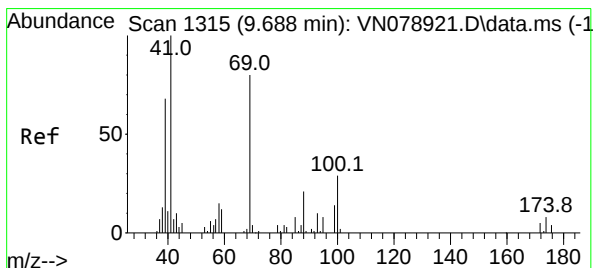
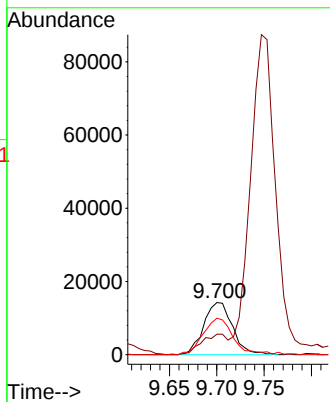
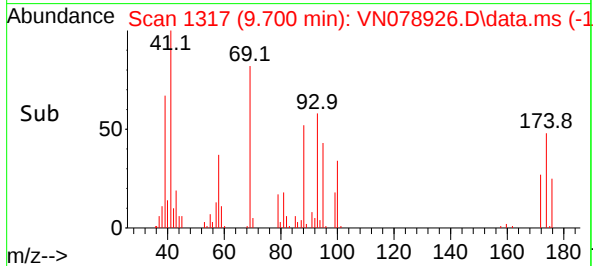
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723



Tgt Ion: 88 Resp: 30164
Ion Ratio Lower Upper
88 100
43 35.5 28.1 42.1
58 71.4 57.0 85.4

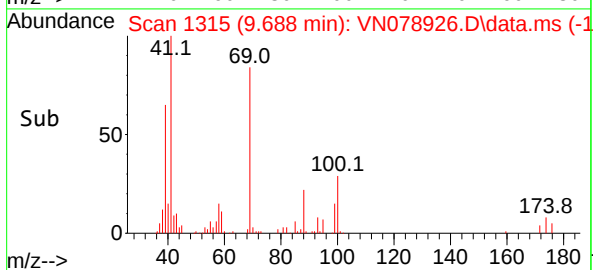
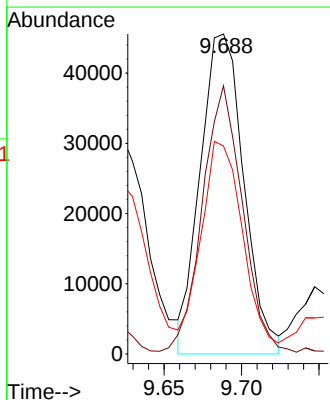
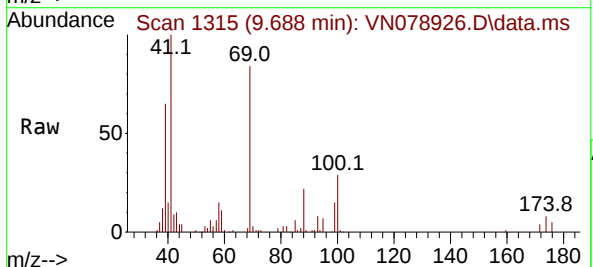
Manual Integrations
APPROVED

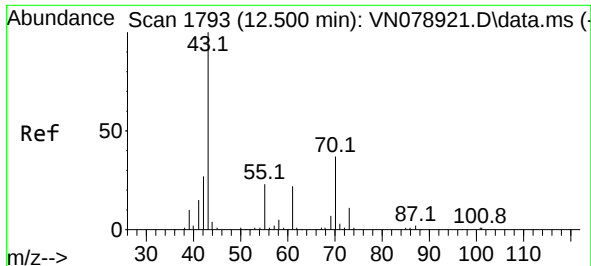
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#46
Methyl methacrylate
Concen: 20.985 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

Tgt Ion: 41 Resp: 88961
Ion Ratio Lower Upper
41 100
69 86.4 38.5 115.5
39 65.1 35.9 107.8





#47

n-amyl Acetate

Concen: 20.926 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078926.D

Acq: 17 Aug 2023 15:05

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081723

Tgt Ion: 43 Resp: 154508

Ion Ratio Lower Upper

43 100

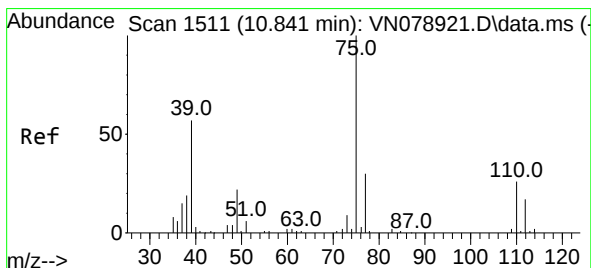
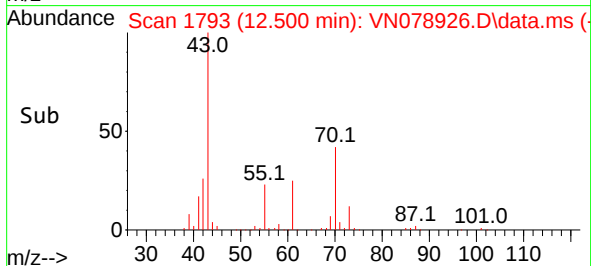
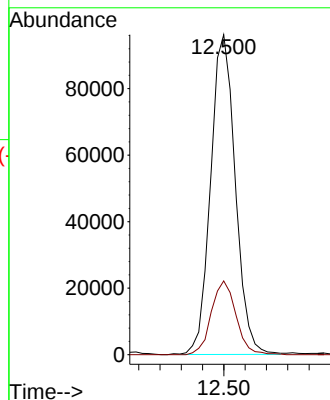
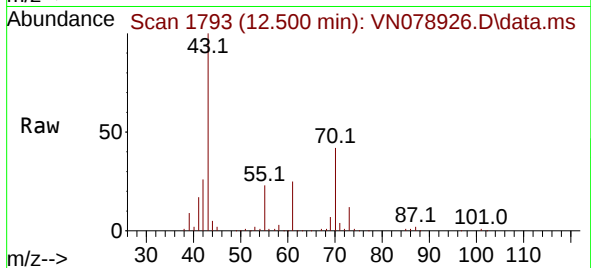
55 23.1 17.5 26.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#48

t-1,3-Dichloropropene

Concen: 21.175 ug/l m

RT: 10.841 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VN078926.D

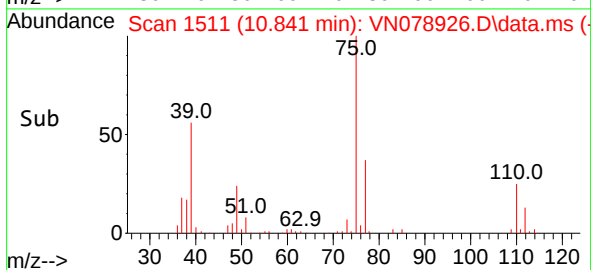
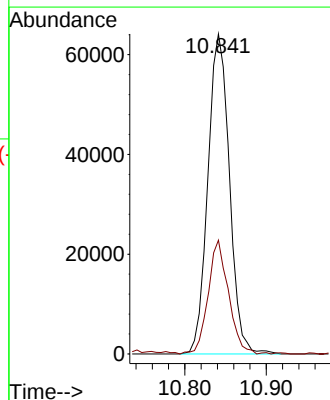
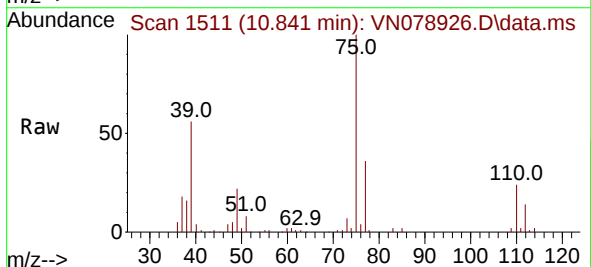
Acq: 17 Aug 2023 15:05

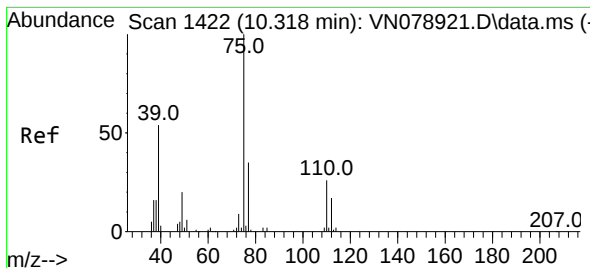
Tgt Ion: 75 Resp: 117989

Ion Ratio Lower Upper

75 100

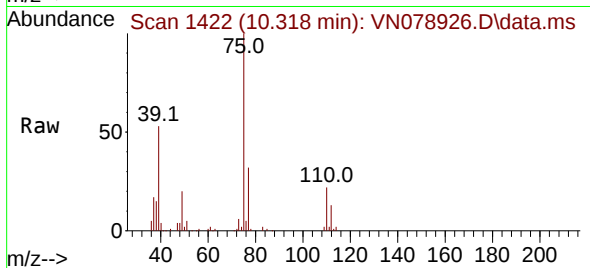
77 35.6 23.7 35.5#





#49
cis-1,3-Dichloropropene
Concen: 21.650 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

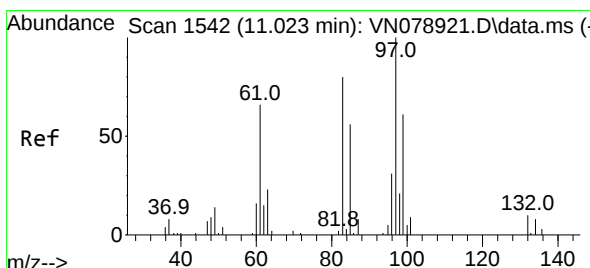
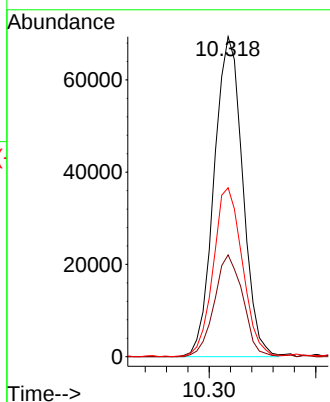
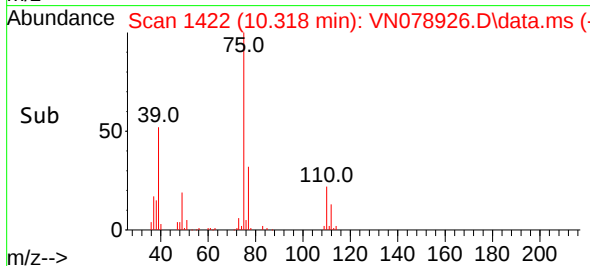
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723



Tgt Ion: 75 Resp: 129359
Ion Ratio Lower Upper
75 100
77 31.8 27.8 41.8
39 52.6 43.5 65.3

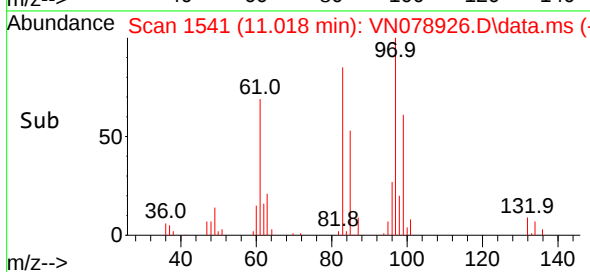
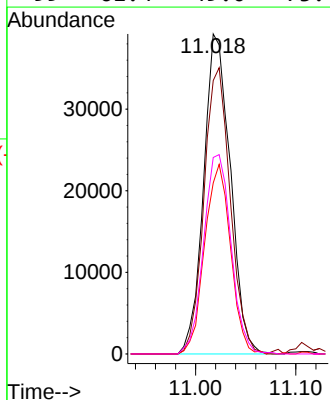
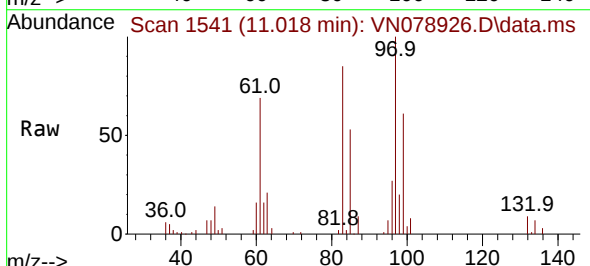
Manual Integrations
APPROVED

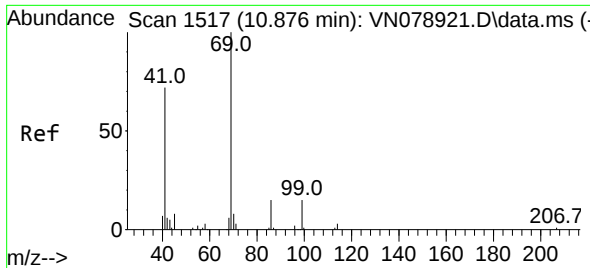
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#50
1,1,2-Trichloroethane
Concen: 20.626 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

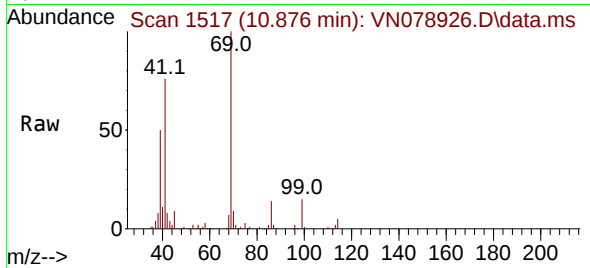
Tgt Ion: 97 Resp: 72513
Ion Ratio Lower Upper
97 100
83 85.4 63.7 95.5
85 53.5 44.9 67.3
99 61.4 49.0 73.4





#51
Ethyl methacrylate
Concen: 21.692 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

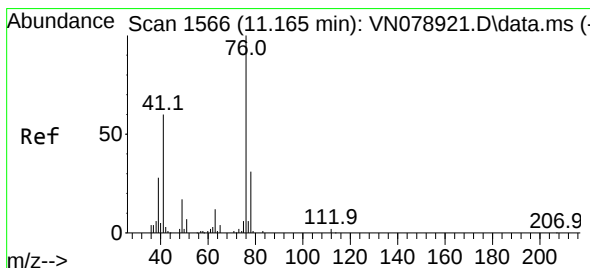
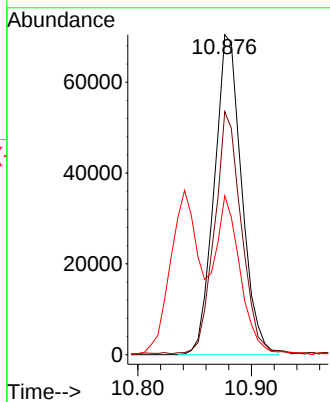
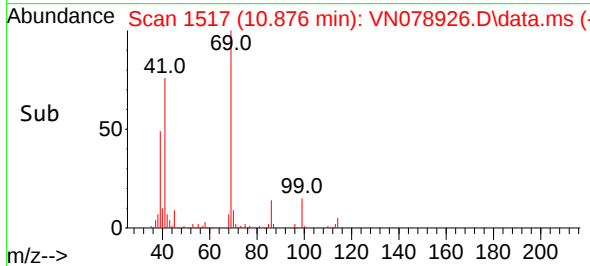
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723



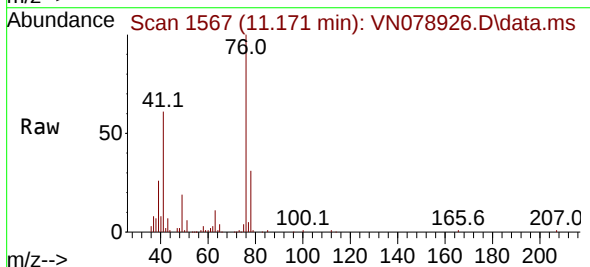
Tgt Ion: 69 Resp: 118035
Ion Ratio Lower Upper
69 100
41 75.4 35.9 107.8
39 48.7 23.5 70.5

Manual Integrations
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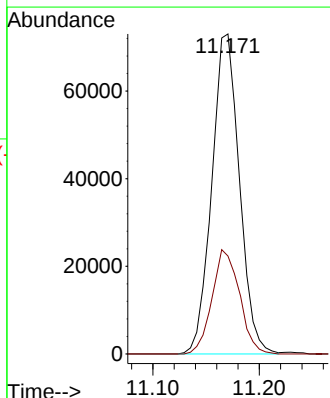
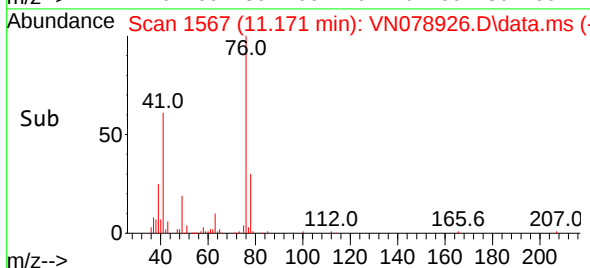
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

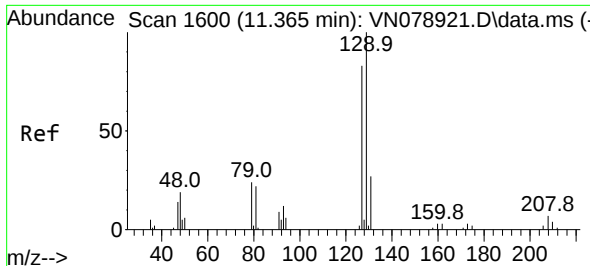


#52
1,3-Dichloropropane
Concen: 20.895 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05



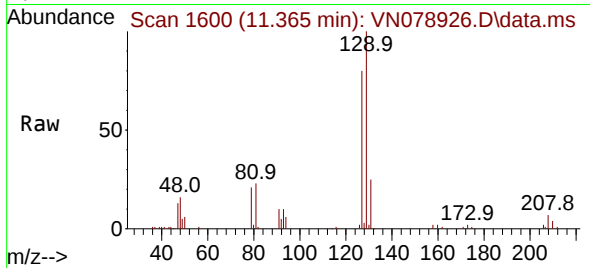
Tgt Ion: 76 Resp: 131573
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.6





#53
Dibromochloromethane
Concen: 20.897 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

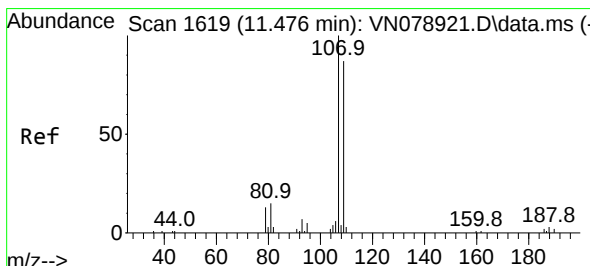
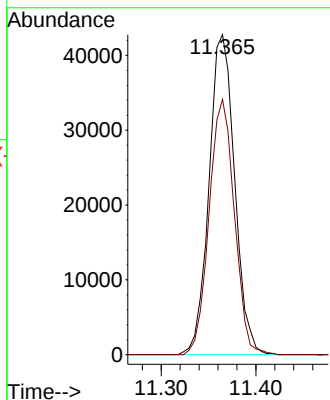
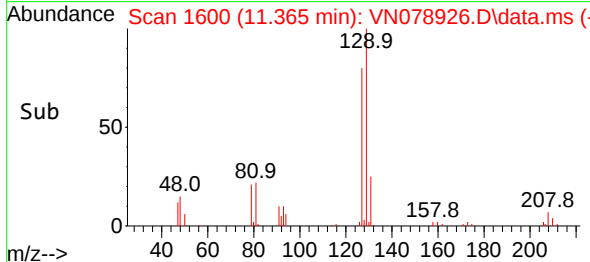
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723



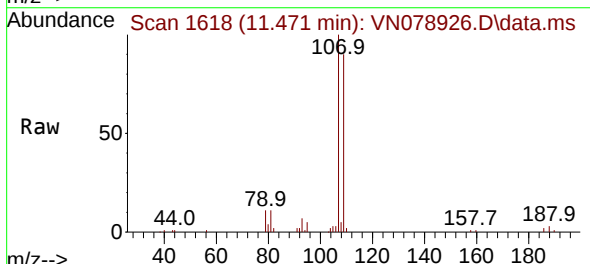
Tgt Ion:129 Resp: 8040
Ion Ratio Lower Upper
129 100
127 78.7 40.1 120.2

Manual Integrations
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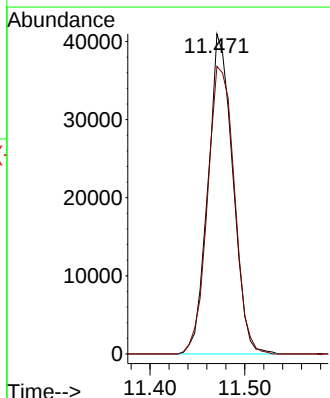
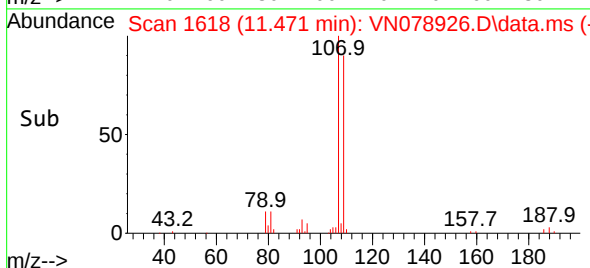
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

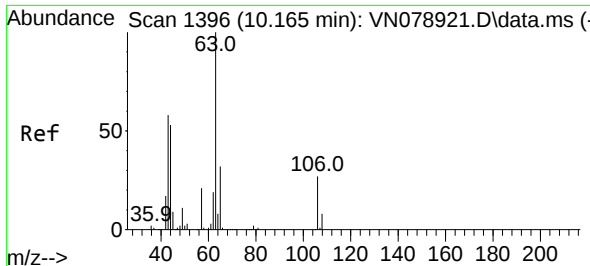


#54
1,2-Dibromoethane
Concen: 20.644 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05



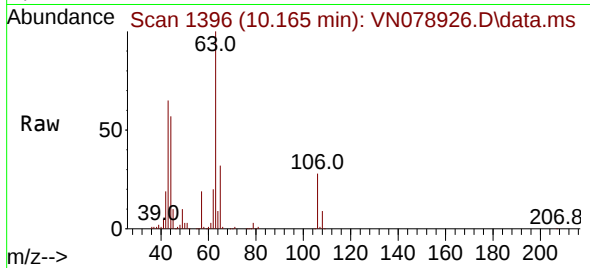
Tgt Ion:107 Resp: 74511
Ion Ratio Lower Upper
107 100
109 97.2 71.7 107.5





#55
2-Chloroethyl vinyl ether
Concen: 94.536 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

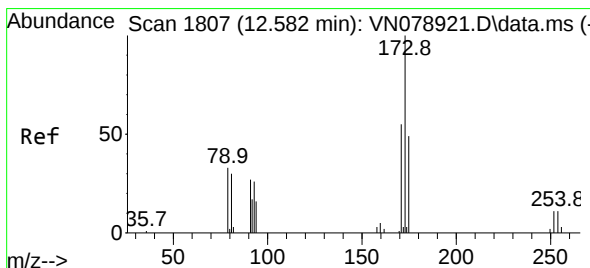
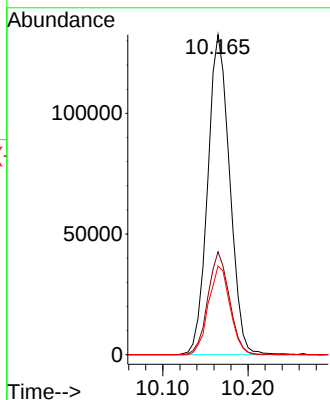
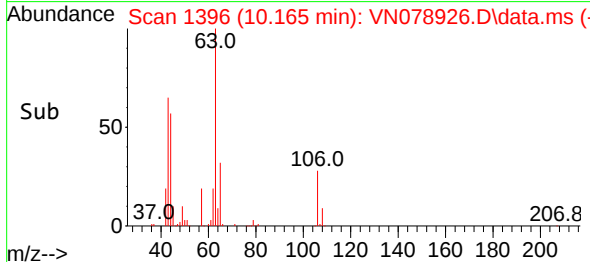
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723



Tgt Ion: 63 Resp: 237760
Ion Ratio Lower Upper
63 100
65 31.2 25.4 38.2
106 27.2 22.3 33.5

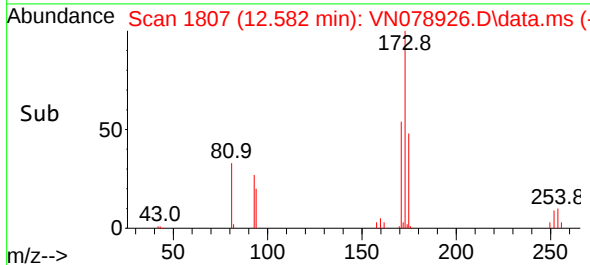
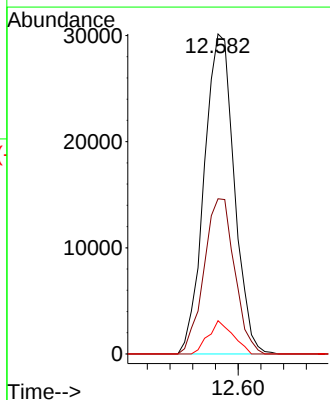
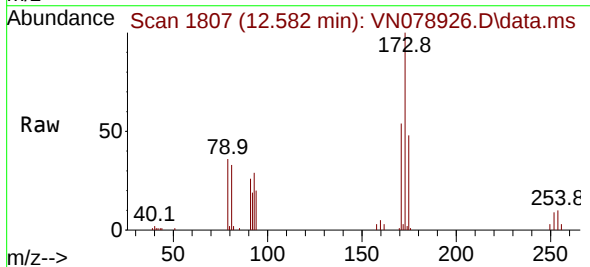
Manual Integrations
APPROVED

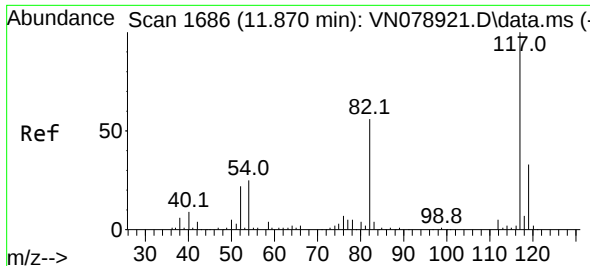
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#56
Bromoform
Concen: 20.392 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

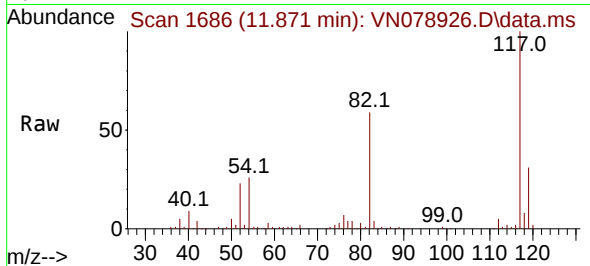
Tgt Ion:173 Resp: 55361
Ion Ratio Lower Upper
173 100
175 49.4 38.8 58.2
254 8.5 7.6 11.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

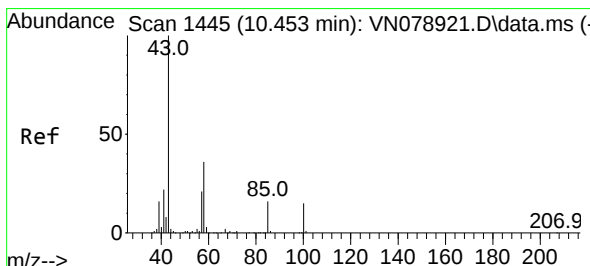
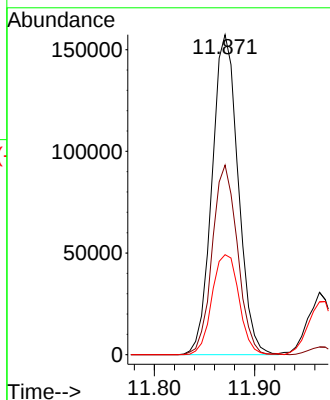
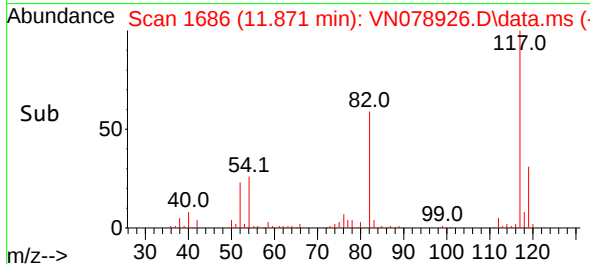
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723



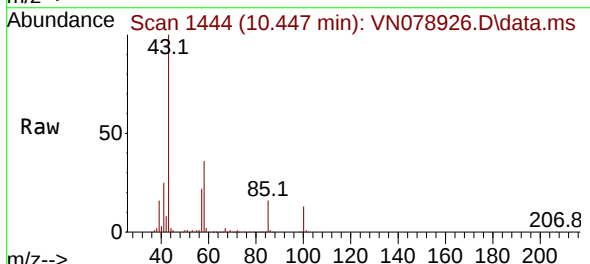
Tgt Ion:117 Resp: 285070
Ion Ratio Lower Upper
117 100
82 57.2 43.4 65.0
119 32.3 25.5 38.3

Manual Integrations
APPROVED

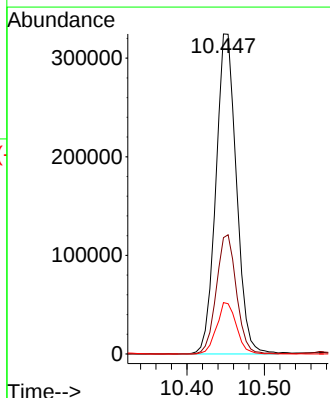
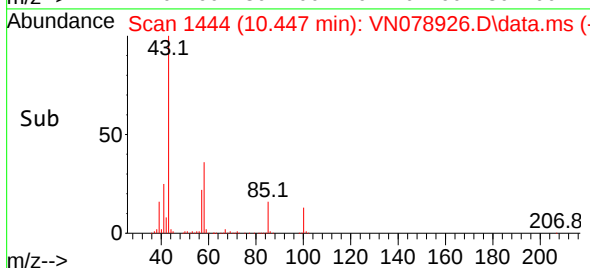
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

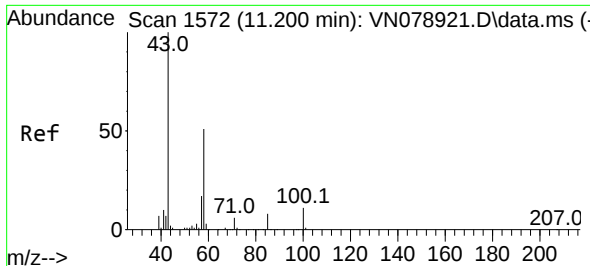


#58
4-Methyl-2-Pentanone
Concen: 105.729 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05



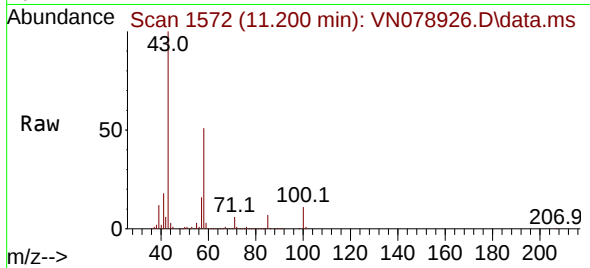
Tgt Ion: 43 Resp: 598004
Ion Ratio Lower Upper
43 100
58 36.5 28.8 43.2
85 15.4 12.7 19.1





#59
2-Hexanone
Concen: 107.084 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

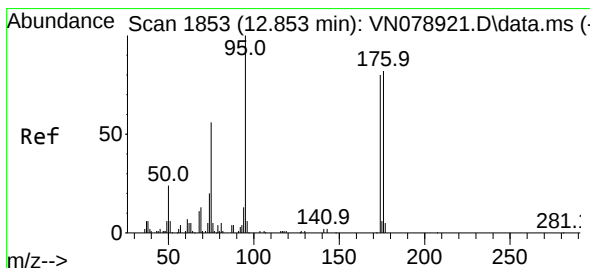
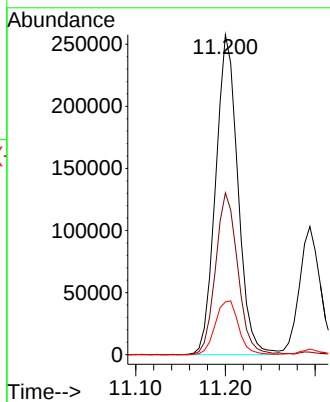
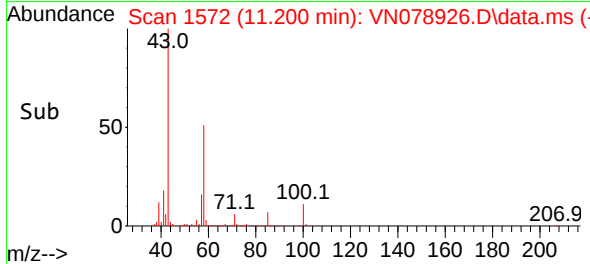
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723



Tgt Ion: 43 Resp: 443762
Ion Ratio Lower Upper
43 100
58 50.7 40.6 60.8
57 17.6 13.6 20.4

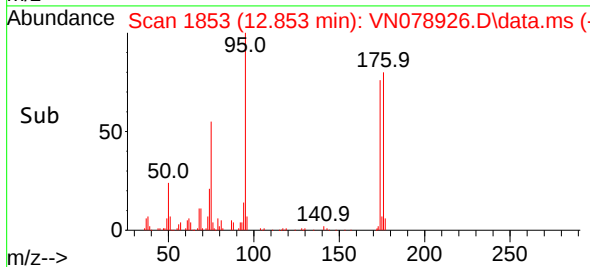
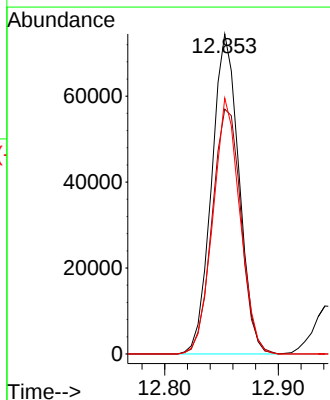
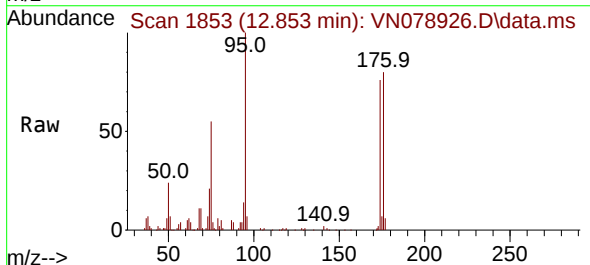
Manual Integrations
APPROVED

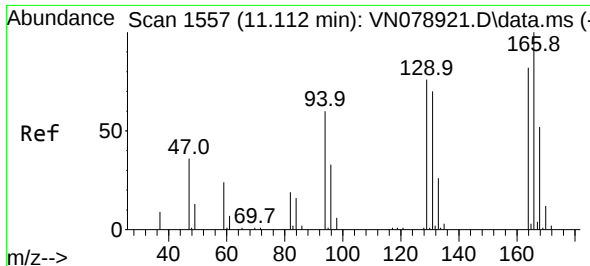
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#60
4-Bromofluorobenzene
Concen: 29.966 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

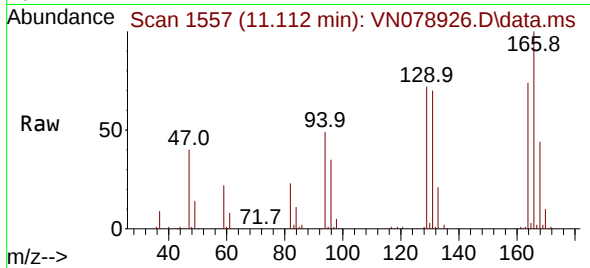
Tgt Ion: 95 Resp: 124612
Ion Ratio Lower Upper
95 100
174 80.6 64.8 97.2
176 78.9 63.0 94.6





#61
Tetrachloroethene
Concen: 19.691 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

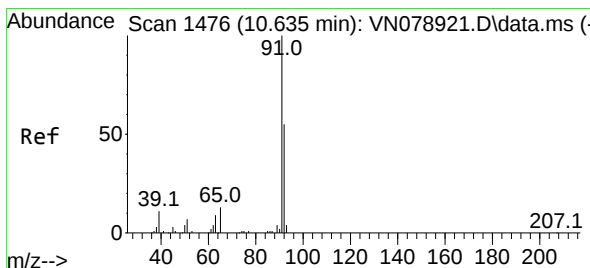
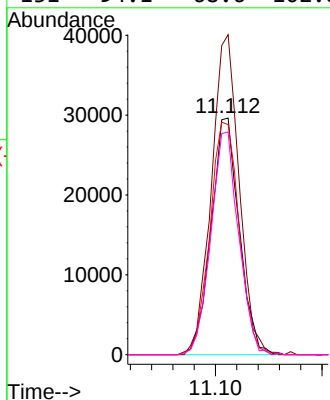
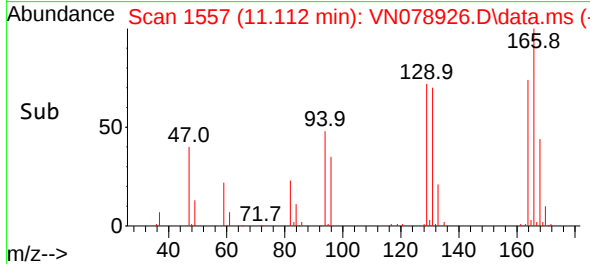
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723



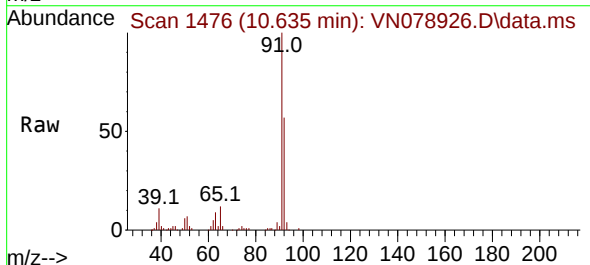
Tgt Ion:164 Resp: 5435
Ion Ratio Lower Upper
164 100
166 135.2 97.6 146.4
129 97.2 74.1 111.1
131 94.1 68.6 102.8

Manual Integrations
APPROVED

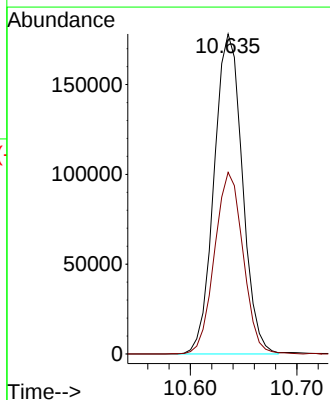
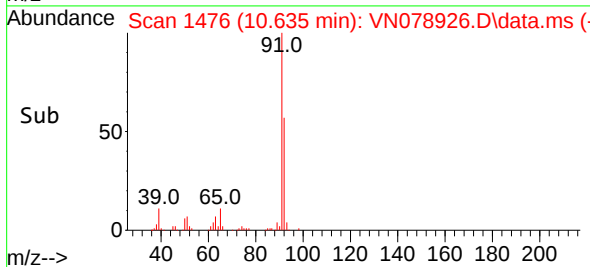
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

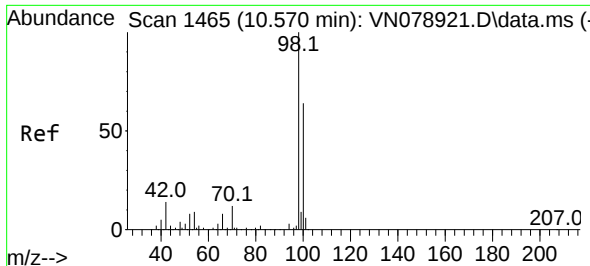


#62
Toluene
Concen: 21.114 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05



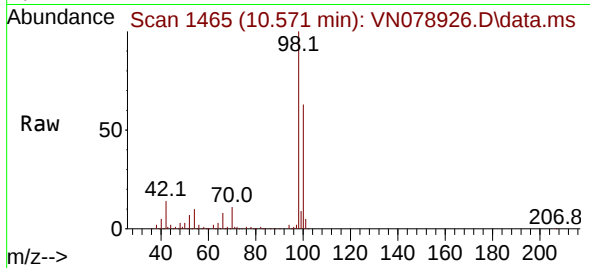
Tgt Ion: 91 Resp: 328618
Ion Ratio Lower Upper
91 100
92 57.2 44.7 67.1





#63
Toluene-d8
Concen: 30.209 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

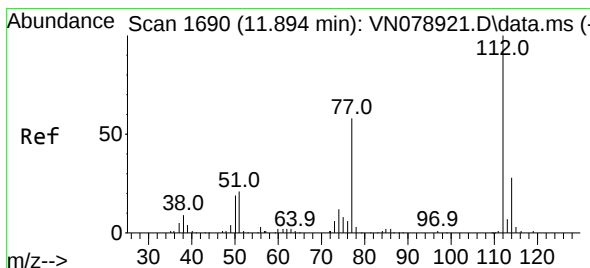
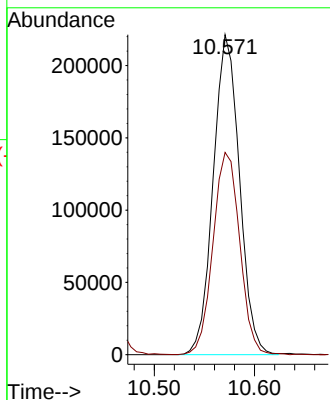
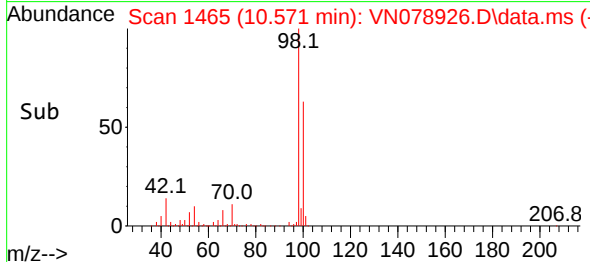
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723



Tgt Ion: 98 Resp: 402165
Ion Ratio Lower Upper
98 100
100 64.3 51.1 76.7

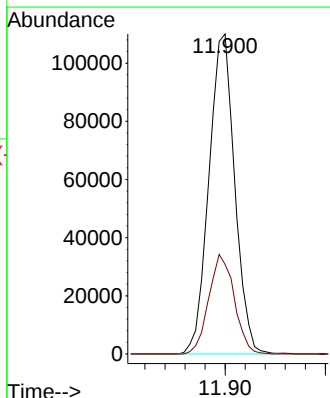
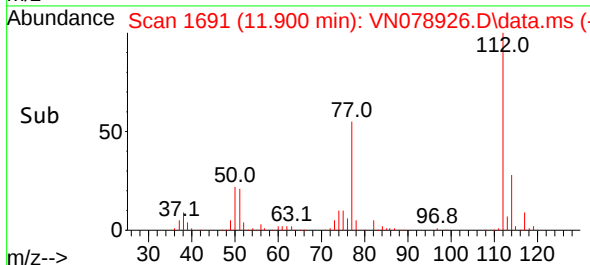
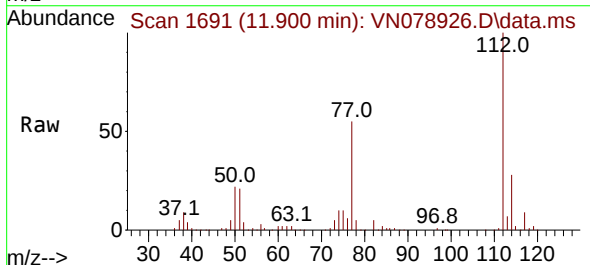
Manual Integrations
APPROVED

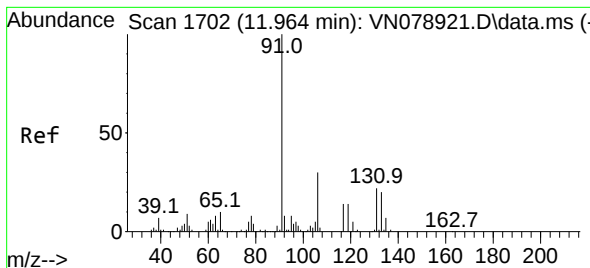
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#64
Chlorobenzene
Concen: 21.016 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

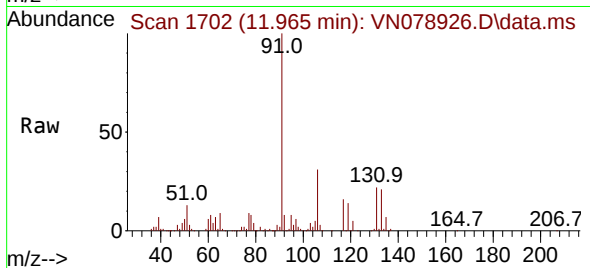
Tgt Ion:112 Resp: 196665
Ion Ratio Lower Upper
112 100
114 28.0 22.4 33.6





#65
1,1,1,2-Tetrachloroethane
Concen: 20.632 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

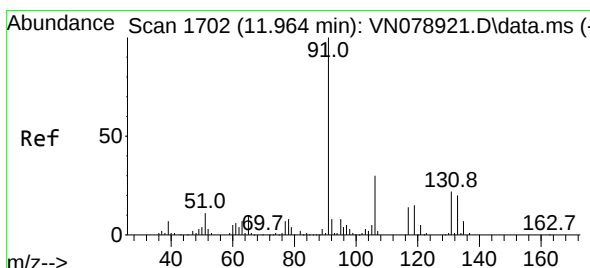
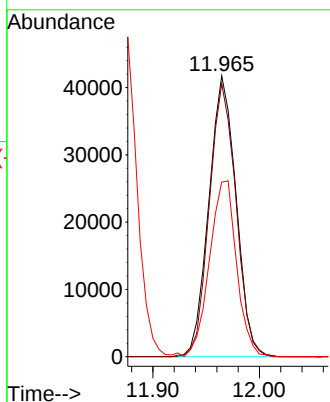
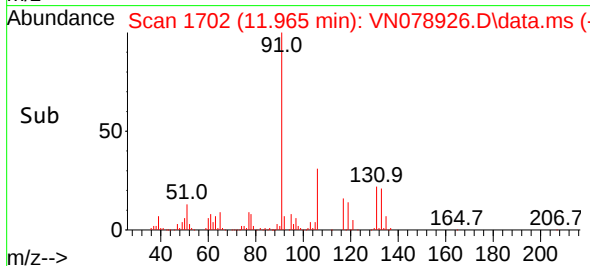
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723



Tgt Ion:131 Resp: 7382
Ion Ratio Lower Upper
131 100
133 95.6 0.0 184.8
119 62.4 0.0 133.4

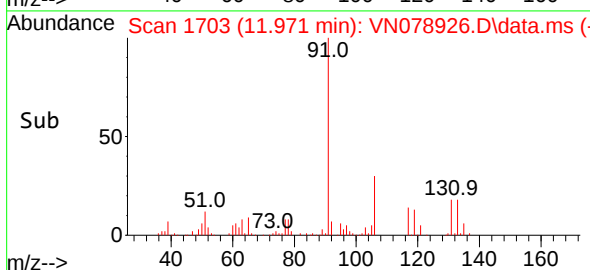
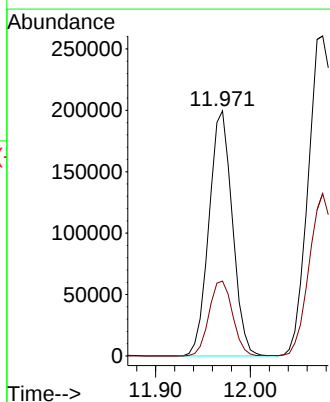
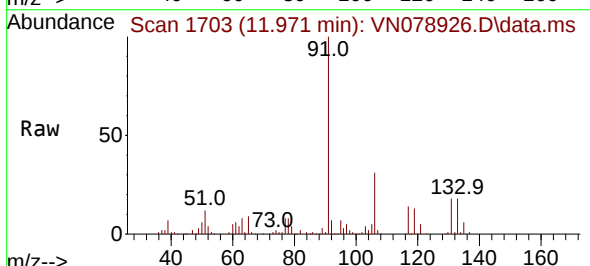
Manual Integrations
APPROVED

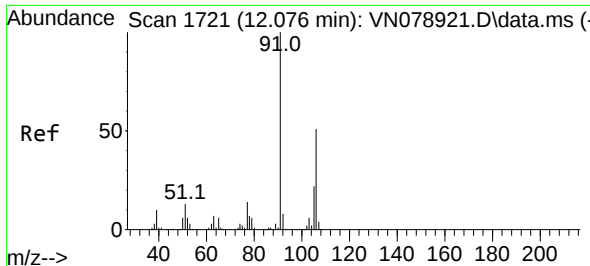
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#66
Ethyl Benzene
Concen: 21.004 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

Tgt Ion: 91 Resp: 341948
Ion Ratio Lower Upper
91 100
106 30.6 24.1 36.1





#67

m/p-Xylenes

Concen: 42.567 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN078926.D

Acq: 17 Aug 2023 15:05

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081723

Tgt Ion:106 Resp: 25838

Ion Ratio Lower Upper

106 100

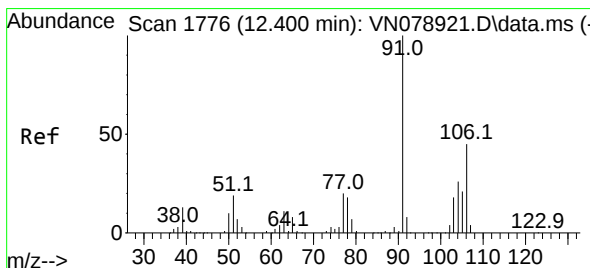
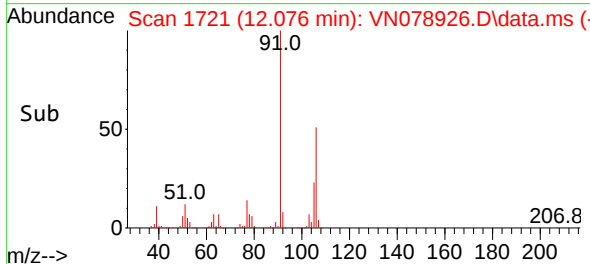
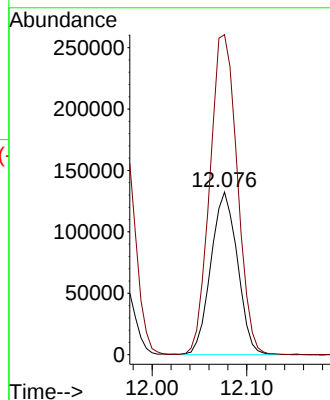
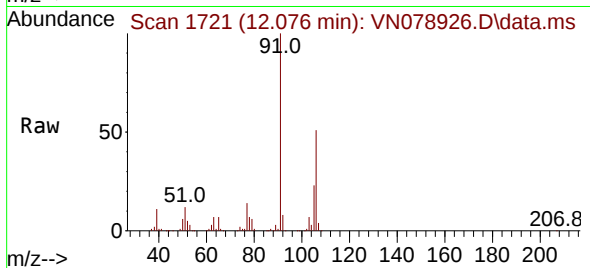
91 203.1 161.2 241.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#68

o-Xylene

Concen: 21.630 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN078926.D

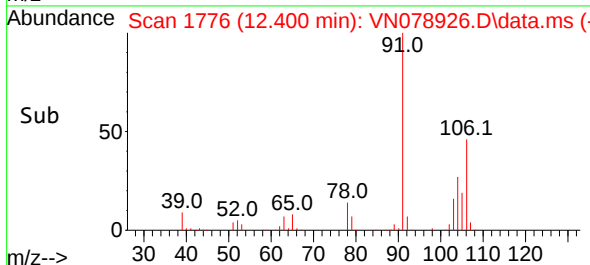
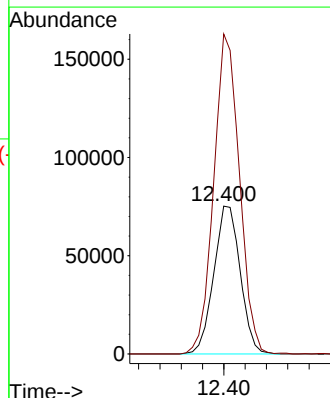
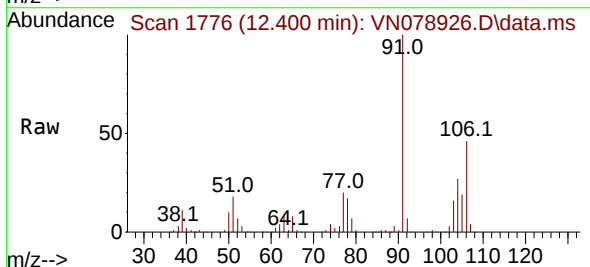
Acq: 17 Aug 2023 15:05

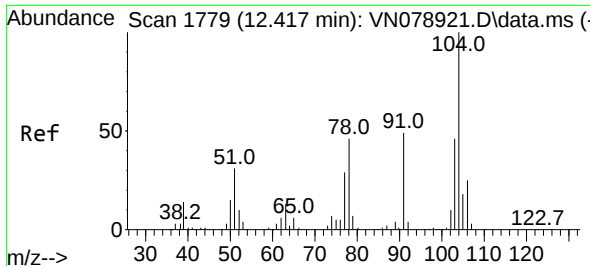
Tgt Ion:106 Resp: 129456

Ion Ratio Lower Upper

106 100

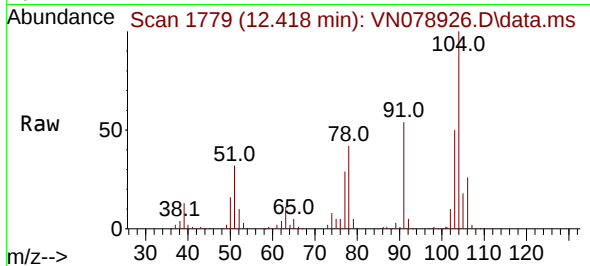
91 210.6 109.0 327.0





#69
Styrene
Concen: 22.094 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

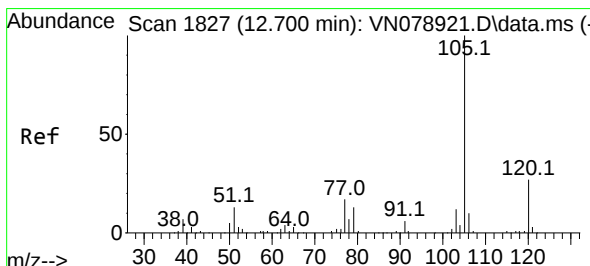
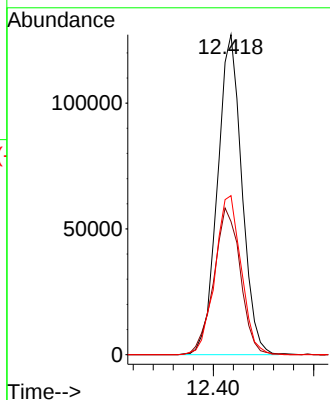
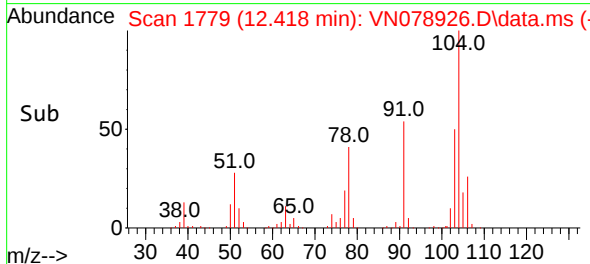
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723



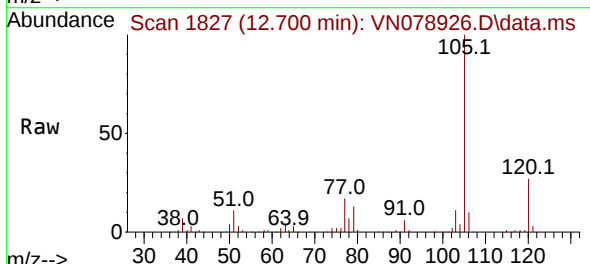
Tgt Ion:104 Resp: 214869
Ion Ratio Lower Upper
104 100
78 49.8 40.2 60.4
103 53.2 43.2 64.8

Manual Integrations
APPROVED

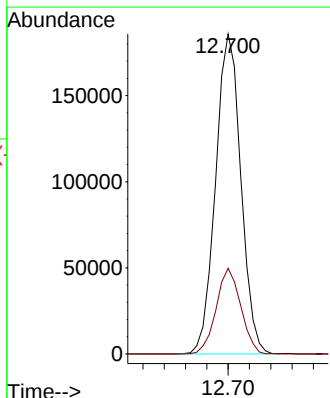
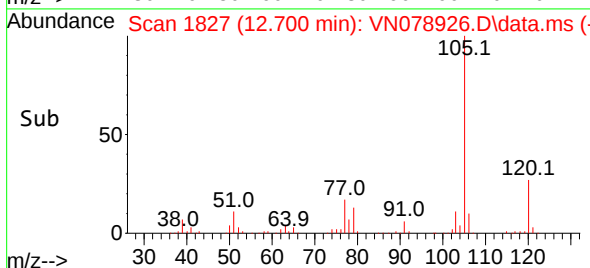
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

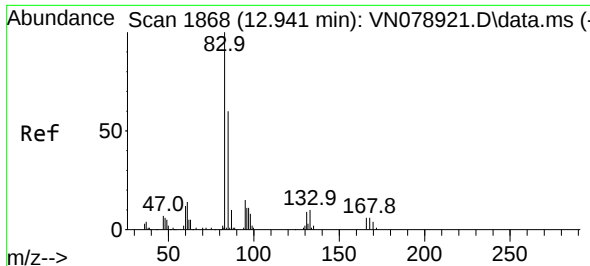


#70
Isopropylbenzene
Concen: 21.068 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05



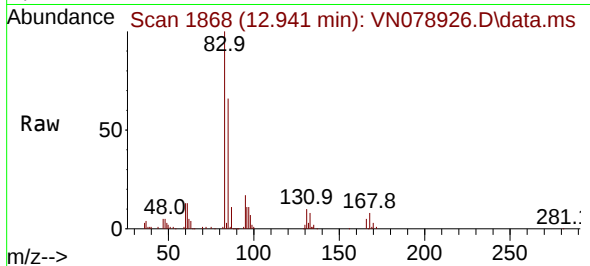
Tgt Ion:105 Resp: 305526
Ion Ratio Lower Upper
105 100
120 26.0 19.1 35.5





#71
1,1,2,2-Tetrachloroethane
Concen: 20.567 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

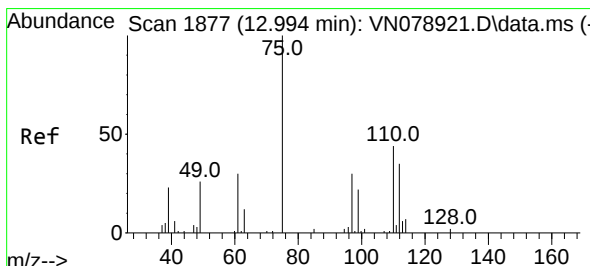
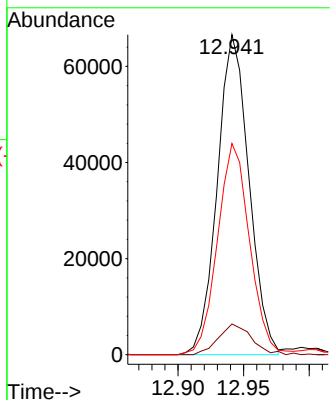
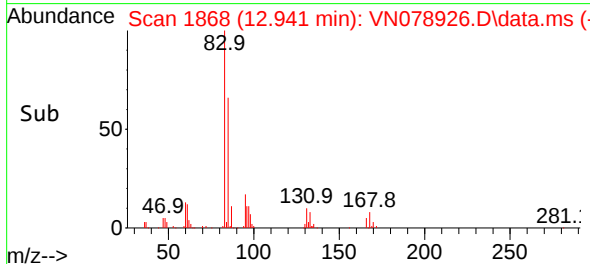
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723



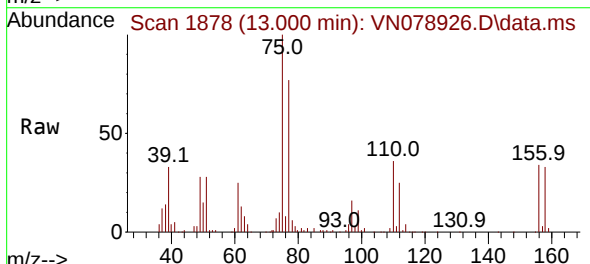
Tgt Ion: 83 Resp: 111804
Ion Ratio Lower Upper
83 100
131 10.0 4.7 14.0
85 67.0 31.9 95.7

Manual Integrations
APPROVED

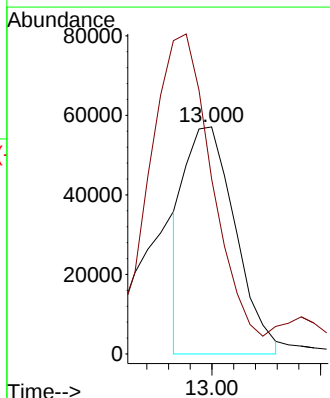
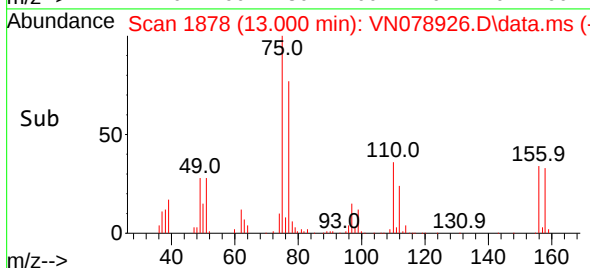
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

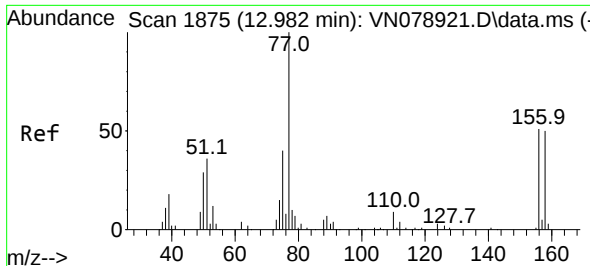


#72
1,2,3-Trichloropropane
Concen: 20.632 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05



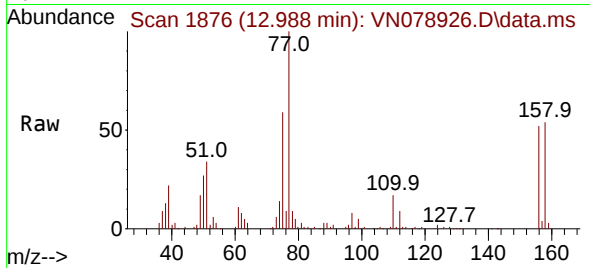
Tgt Ion: 75 Resp: 92013
Ion Ratio Lower Upper
75 100
77 179.7 0.0 367.4





#73
Bromobenzene
Concen: 20.525 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

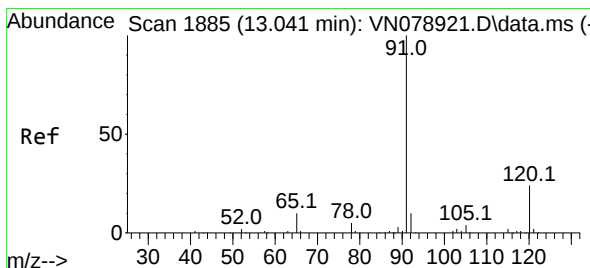
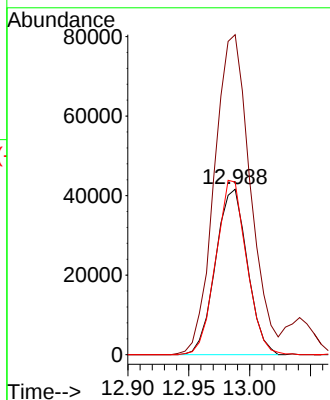
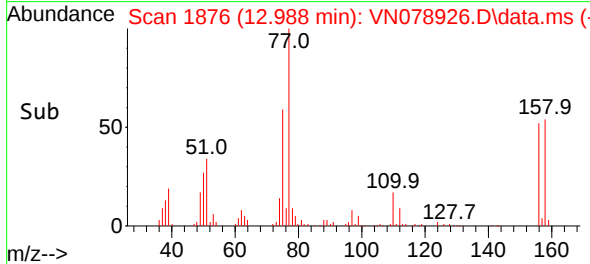
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723



Tgt Ion:156 Resp: 75770
Ion Ratio Lower Upper
156 100
77 218.2 0.0 431.0
158 101.8 0.0 196.8

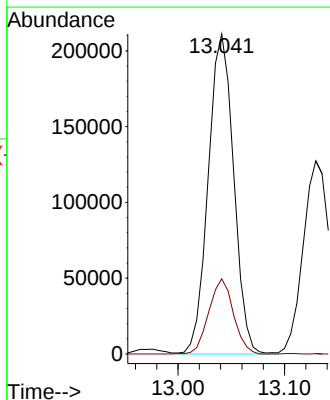
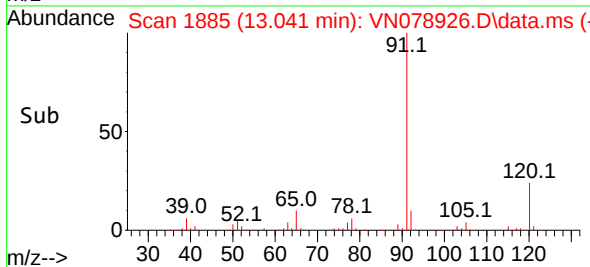
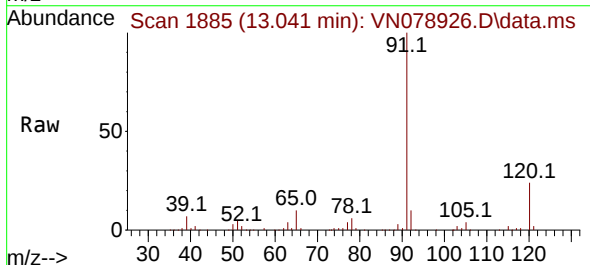
Manual Integrations
APPROVED

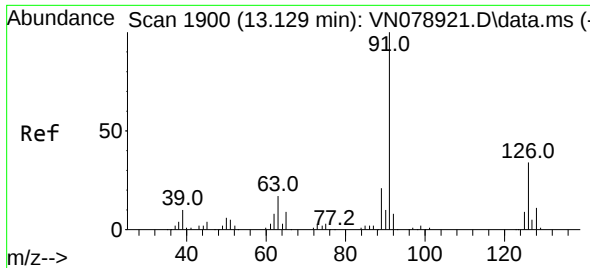
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#74
n-propylbenzene
Concen: 21.297 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

Tgt Ion: 91 Resp: 350017
Ion Ratio Lower Upper
91 100
120 22.6 0.0 44.4





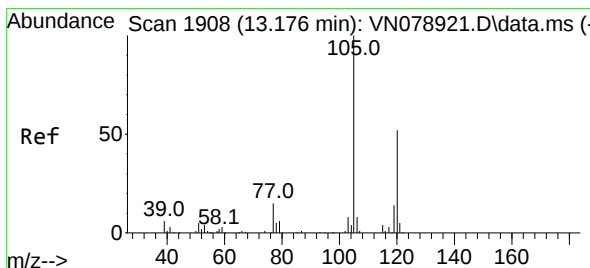
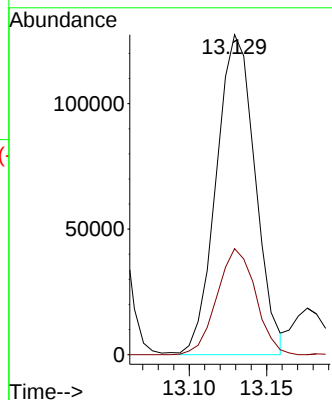
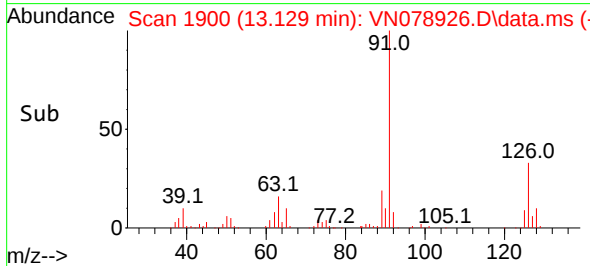
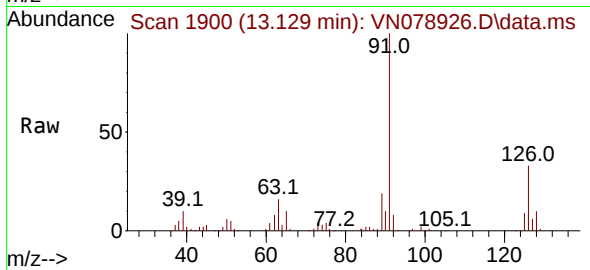
#75
2-Chlorotoluene
Concen: 21.327 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723

Tgt Ion: 91 Resp: 22236
Ion Ratio Lower Upper
91 100
126 32.8 0.0 67.2

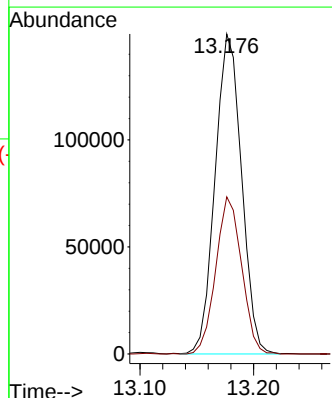
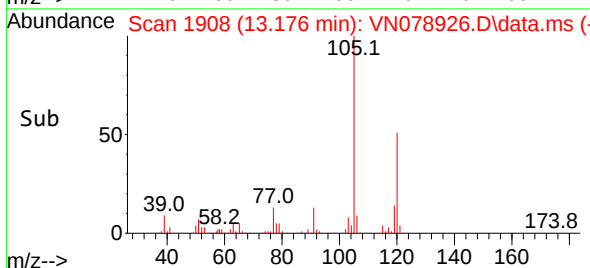
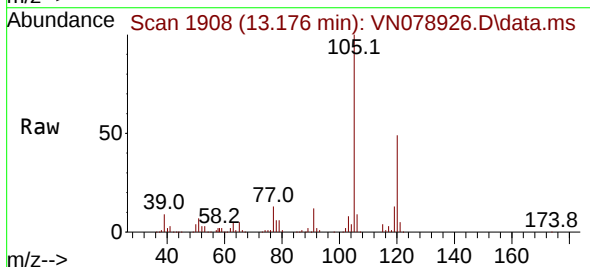
Manual Integrations
APPROVED

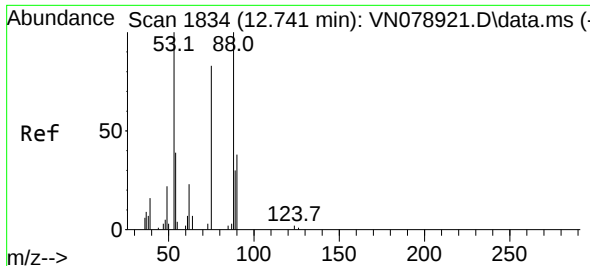
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#76
1,3,5-Trimethylbenzene
Concen: 21.034 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

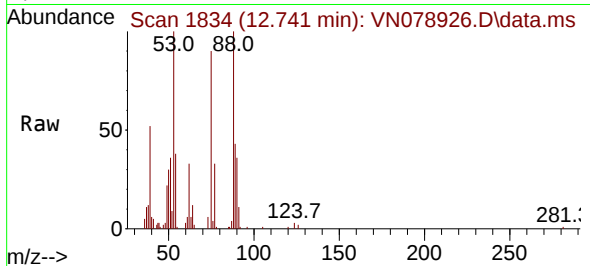
Tgt Ion:105 Resp: 241799
Ion Ratio Lower Upper
105 100
120 47.9 0.0 98.8





#77
t-1,4-Dichloro-2-butene
Concen: 22.588 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

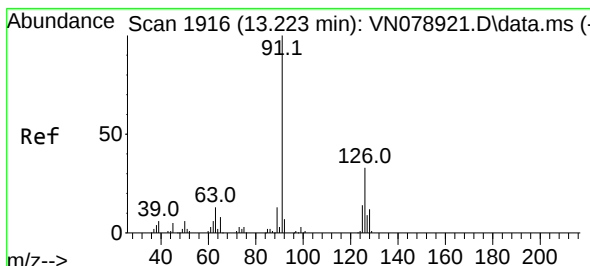
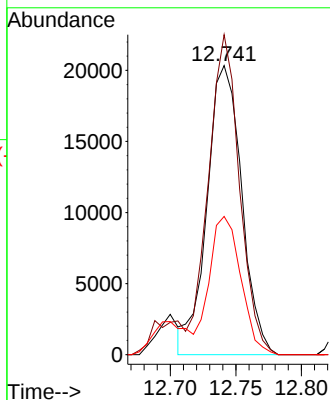
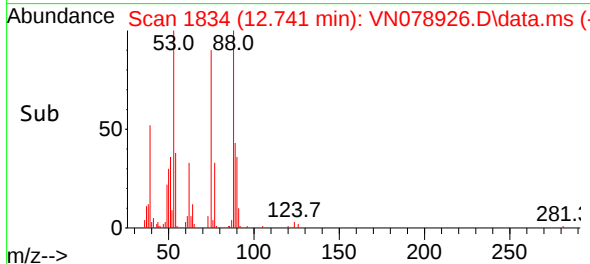
Instrument : MSVOA_N
ClientSampleId : ICVVN081723



Tgt Ion: 75 Resp: 3743
Ion Ratio Lower Upper
75 100
53 110.7 60.1 180.3
89 47.8 22.9 68.8

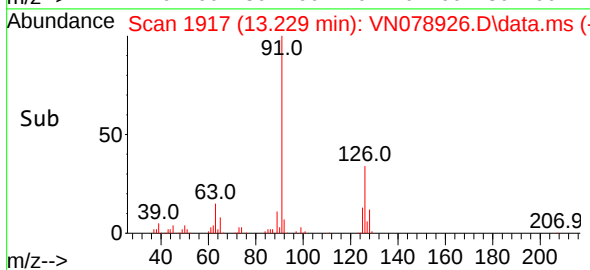
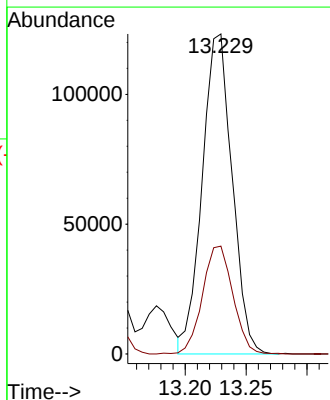
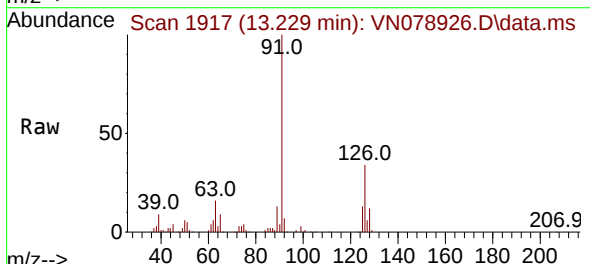
Manual Integrations
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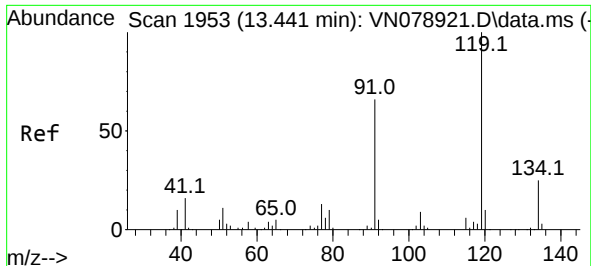
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#78
4-Chlorotoluene
Concen: 21.118 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

Tgt Ion: 91 Resp: 210947
Ion Ratio Lower Upper
91 100
126 34.2 0.0 67.4





#79

tert-butylbenzene

Concen: 20.823 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN078926.D

Acq: 17 Aug 2023 15:05

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081723

Tgt Ion:119 Resp: 202279

Ion Ratio Lower Upper

119 100

91 65.9 0.0 135.6

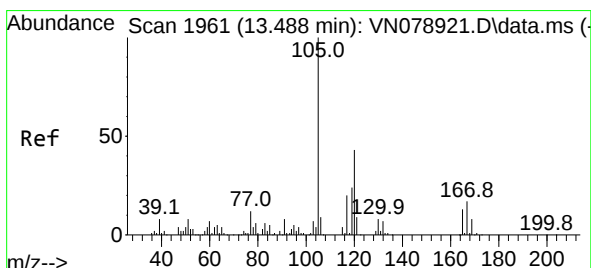
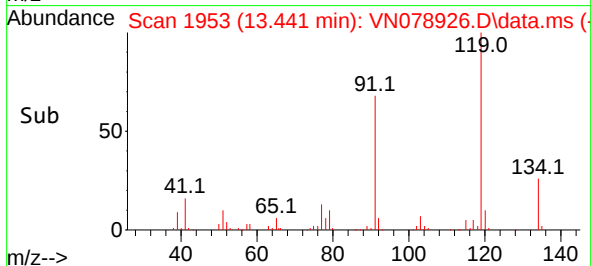
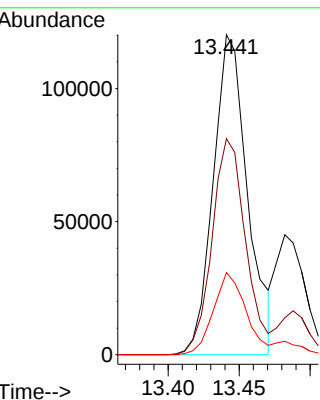
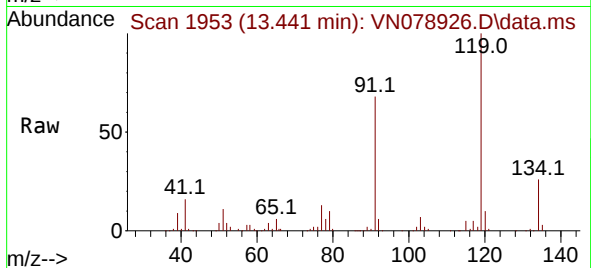
134 24.2 0.0 51.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#80

1,2,4-Trimethylbenzene

Concen: 21.290 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078926.D

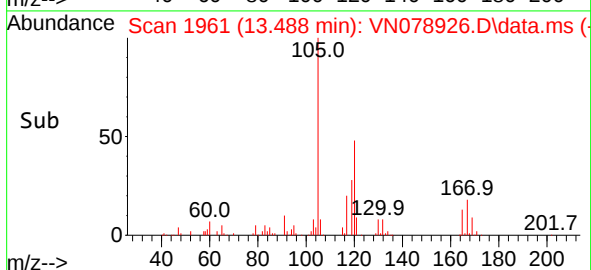
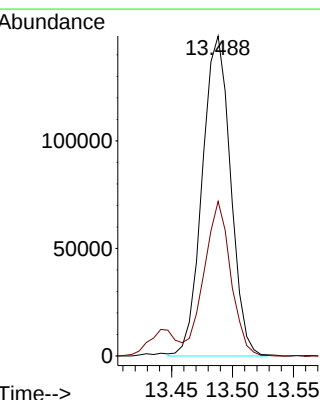
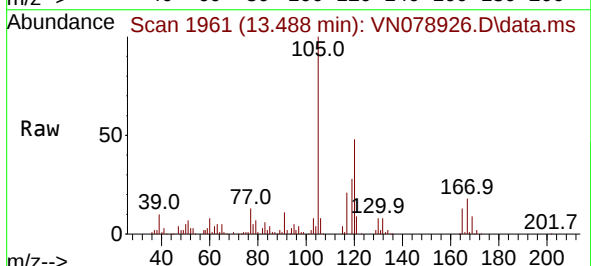
Acq: 17 Aug 2023 15:05

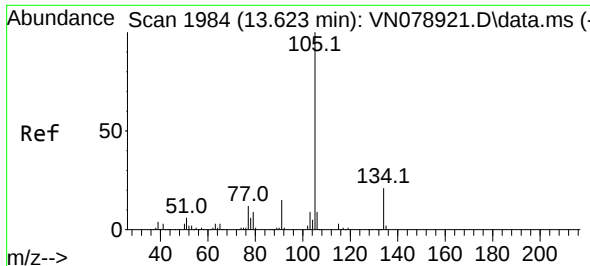
Tgt Ion:105 Resp: 240655

Ion Ratio Lower Upper

105 100

120 45.4 0.0 91.6





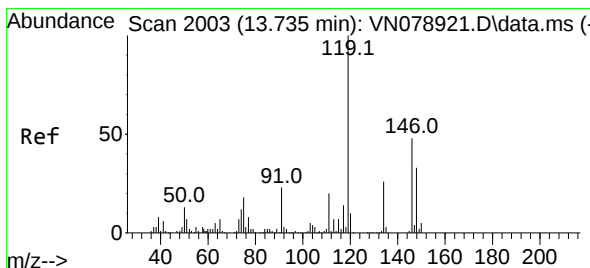
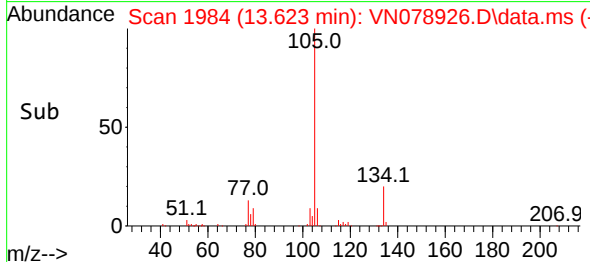
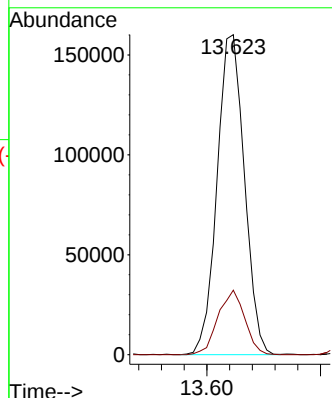
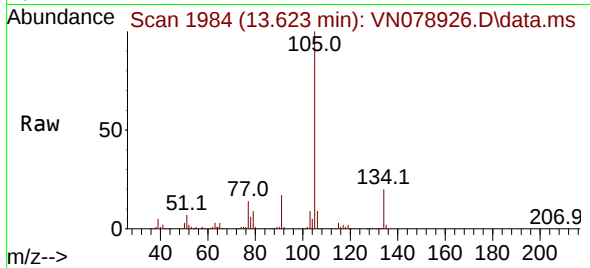
#81
 sec-Butylbenzene
 Concen: 20.859 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078926.D
 Acq: 17 Aug 2023 15:05

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081723

Tgt Ion:105 Resp: 26742
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 41.6

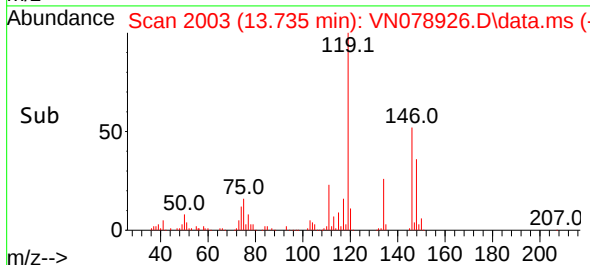
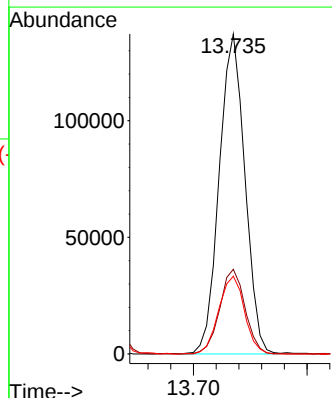
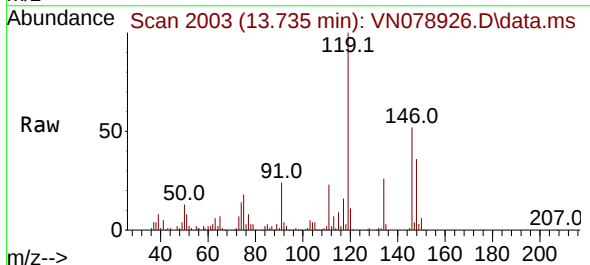
Manual Integrations
 APPROVED

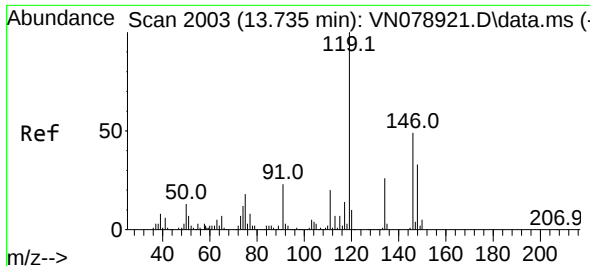
Reviewed By :John Carlone 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023



#82
 p-Isopropyltoluene
 Concen: 20.574 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078926.D
 Acq: 17 Aug 2023 15:05

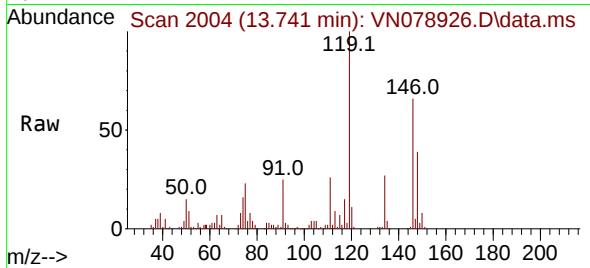
Tgt Ion:119 Resp: 215344
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.4
 91 24.3 0.0 47.4





#83
1,3-Dichlorobenzene
Concen: 21.447 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

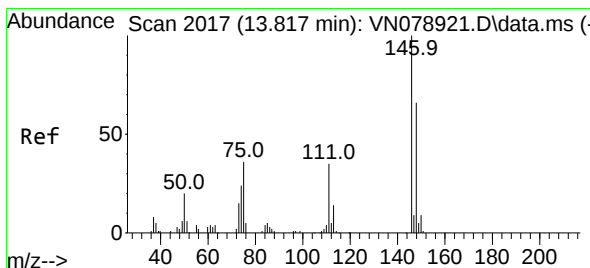
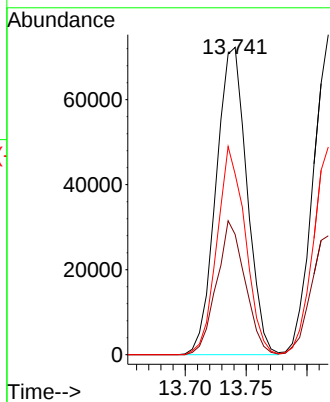
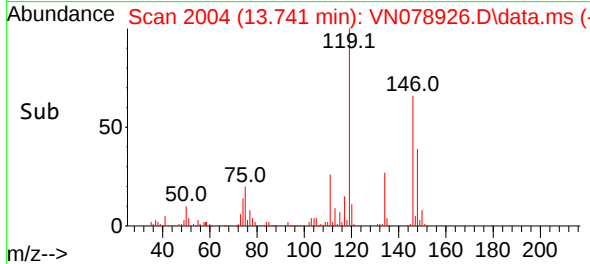
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723



Tgt Ion:146 Resp: 12778
Ion Ratio Lower Upper
146 100
111 40.1 21.2 63.6
148 62.1 33.1 99.5

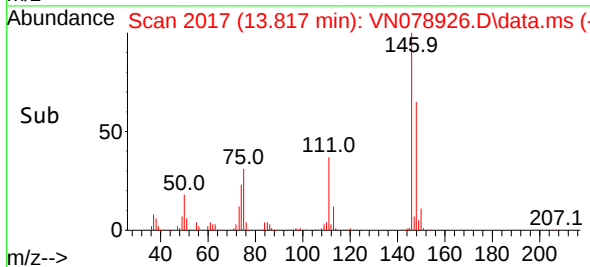
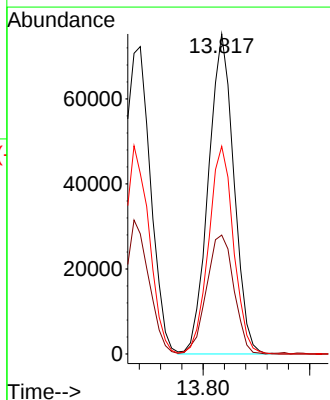
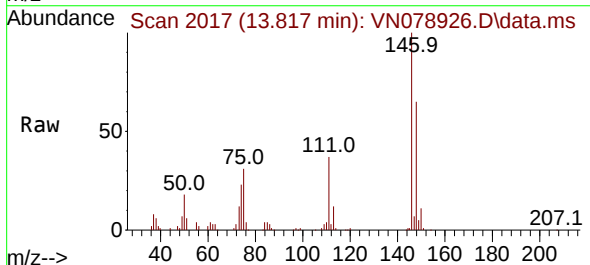
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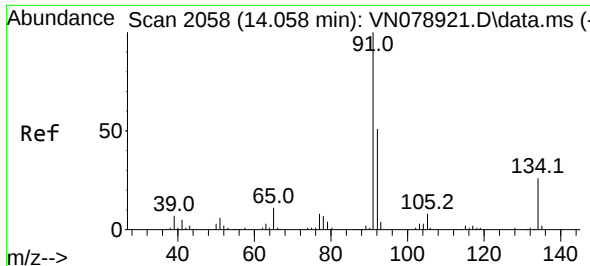
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#84
1,4-Dichlorobenzene
Concen: 21.361 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

Tgt Ion:146 Resp: 124955
Ion Ratio Lower Upper
146 100
111 39.9 18.6 56.0
148 63.9 32.0 96.2





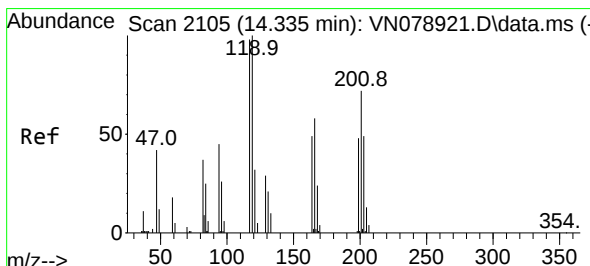
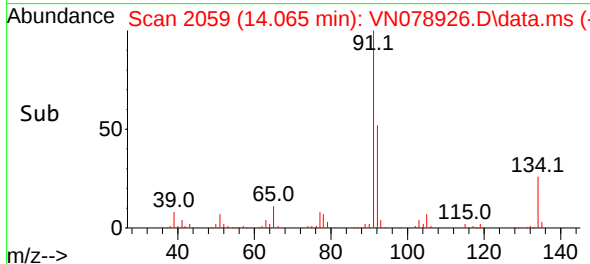
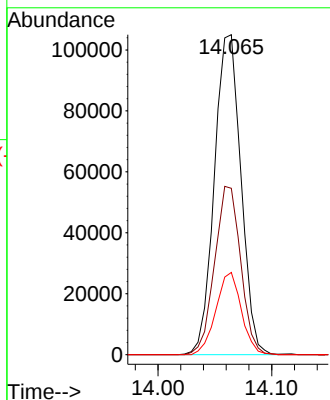
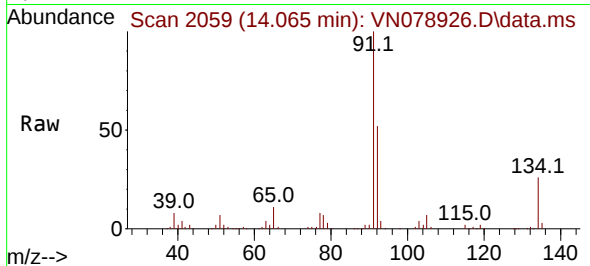
#85
n-Butylbenzene
Concen: 20.732 ug/l
RT: 14.065 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723

Tgt Ion: 91 Resp: 17067
Ion Ratio Lower Upper
91 100
92 51.6 0.0 102.8
134 24.7 0.0 48.6

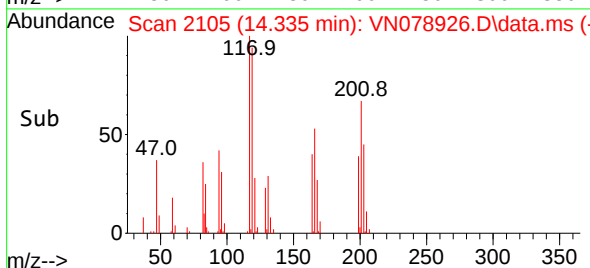
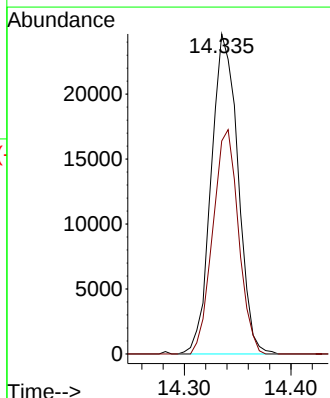
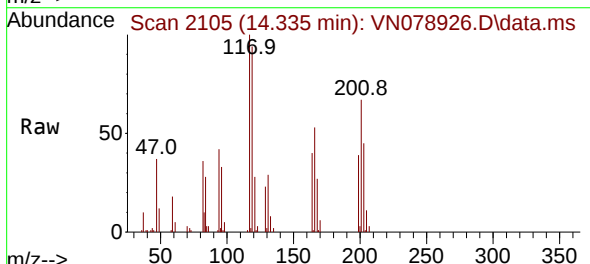
Manual Integrations
APPROVED

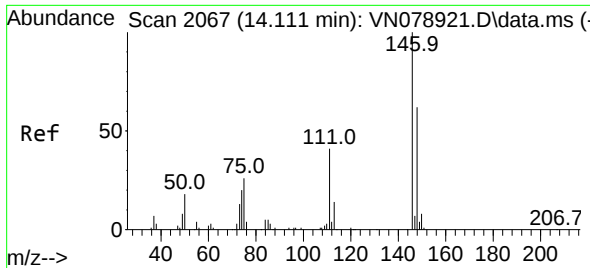
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#86
Hexachloroethane
Concen: 20.063 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

Tgt Ion:117 Resp: 42969
Ion Ratio Lower Upper
117 100
201 67.3 36.6 109.8





#87

1,2-Dichlorobenzene

Concen: 21.126 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN078926.D

Acq: 17 Aug 2023 15:05

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081723

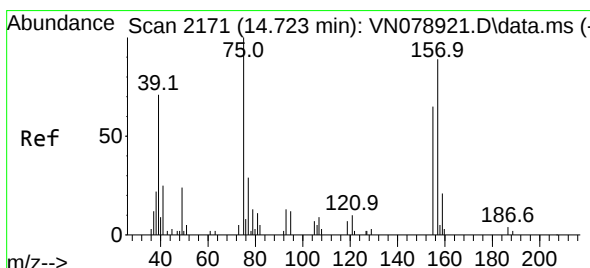
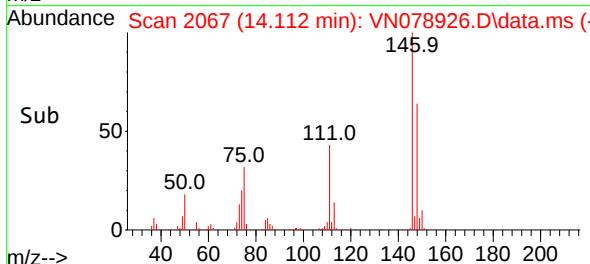
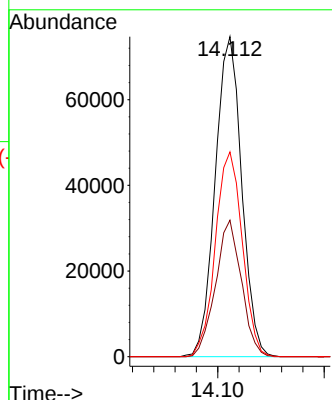
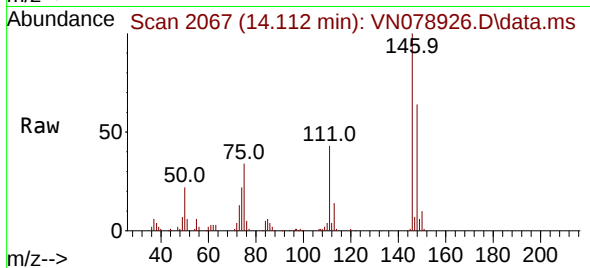
Tgt Ion:	146	Resp:	12891
Ion Ratio	Lower	Upper	
146	100		
111	41.7	20.3	60.8
148	65.0	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 21.071 ug/l

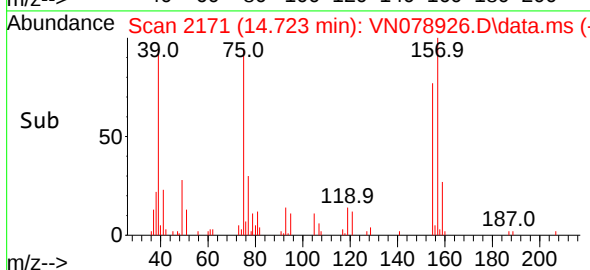
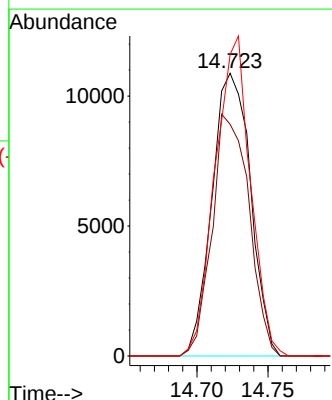
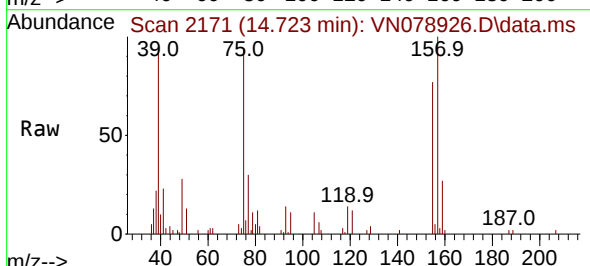
RT: 14.723 min Scan# 2171

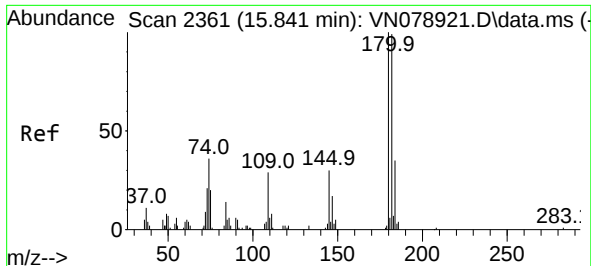
Delta R.T. 0.000 min

Lab File: VN078926.D

Acq: 17 Aug 2023 15:05

Tgt Ion:	75	Resp:	20559
Ion Ratio	Lower	Upper	
75	100		
155	81.7	61.1	91.7
157	103.6	79.8	119.6





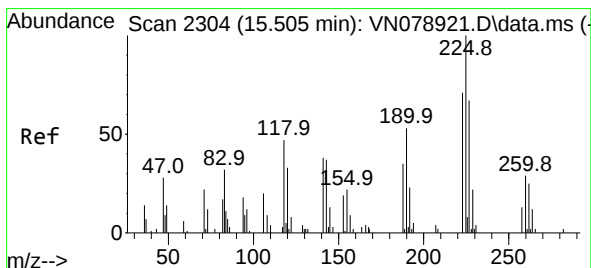
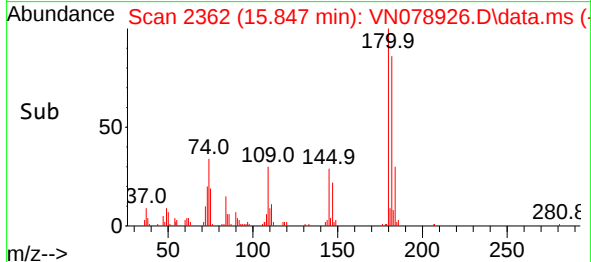
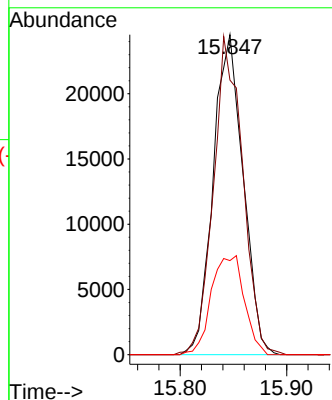
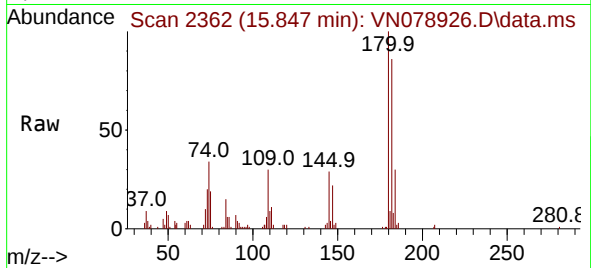
#89
1,2,4-Trichlorobenzene
Concen: 19.860 ug/l
RT: 15.847 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723

Tgt Ion:180 Resp: 47864
Ion Ratio Lower Upper
180 100
182 97.1 76.1 114.1
145 34.1 26.5 39.7

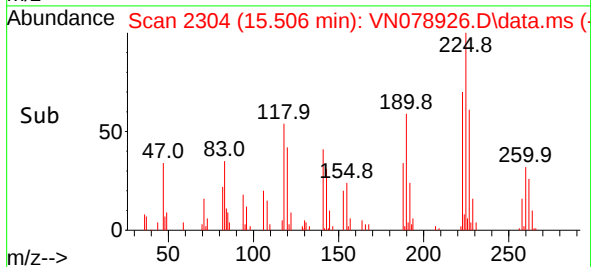
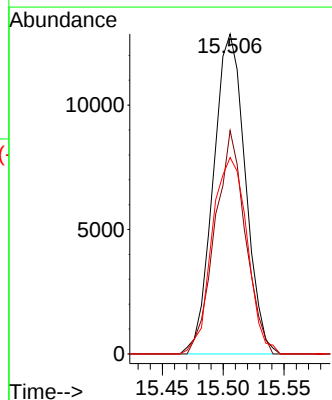
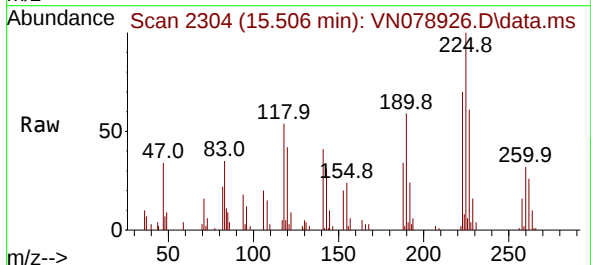
Manual Integrations
APPROVED

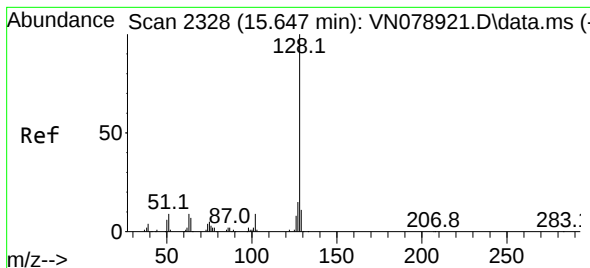
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#90
Hexachlorobutadiene
Concen: 18.769 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

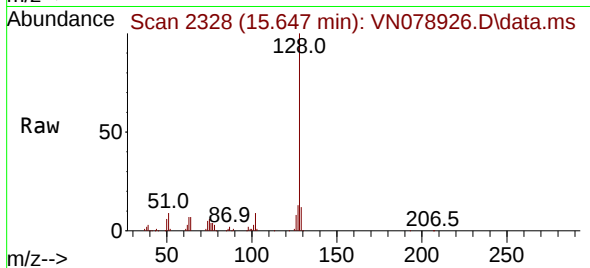
Tgt Ion:225 Resp: 23550
Ion Ratio Lower Upper
225 100
223 66.2 0.0 124.0
227 67.1 0.0 117.4





#91
Naphthalene
Concen: 20.193 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05

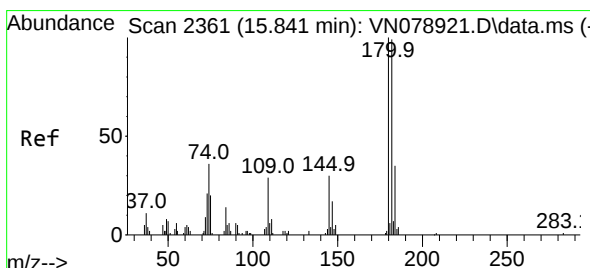
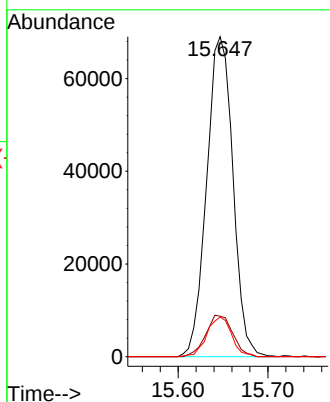
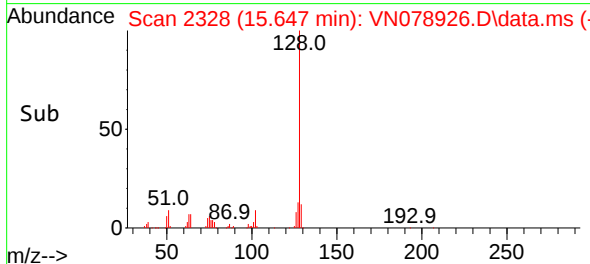
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081723



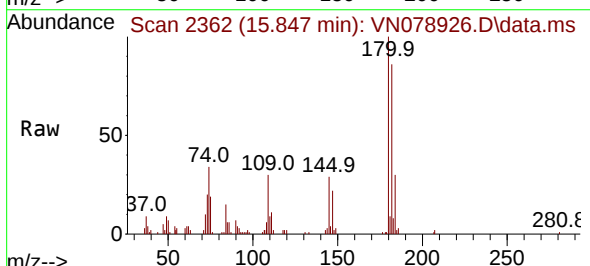
Tgt Ion:128 Resp: 14036
Ion Ratio Lower Upper
128 100
127 13.3 11.1 16.7
129 11.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.860 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN078926.D
Acq: 17 Aug 2023 15:05



Tgt Ion:180 Resp: 47864
Ion Ratio Lower Upper
180 100
182 97.1 0.0 190.2
145 34.1 0.0 66.2

