

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081723\
 Data File : VN078928.D
 Acq On : 17 Aug 2023 16:04
 Operator : JC\MD
 Sample : VN0817WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Aug 18 05:32:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	43155	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	243169	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	218575	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	107810	30.836	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.800%			
60) 4-Bromofluorobenzene	12.853	95	96763	30.349	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.167%			
63) Toluene-d8	10.571	98	308589	30.232	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.767%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	54960	20.182	ug/l	96
3) Chloromethane	2.365	50	64028	19.619	ug/l	95
4) Vinyl Chloride	2.512	62	64035	19.825	ug/l	94
5) Bromomethane	2.948	94	40049	20.087	ug/l	100
6) Chloroethane	3.118	64	39770	18.947	ug/l	89
7) Trichlorofluoromethane	3.495	101	86759	19.943	ug/l	95
8) Diethyl Ether	3.965	74	32257	19.714	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	44907	19.764	ug/l	92
10) 1,1-Dichloroethene	4.342	96	44526	19.479	ug/l #	81
11) Methyl Iodide	4.595	142	54315	19.691	ug/l	91
12) Methyl Acetate	5.036	43	112509	20.999	ug/l	94
13) Acrolein	4.177	56	29733	79.618	ug/l	97
14) Acrylonitrile	5.724	53	145867	103.566	ug/l #	92
15) Acetone	4.436	58	41822	96.799	ug/l	95
16) Carbon Disulfide	4.718	76	127276	19.378	ug/l	96
17) Allyl chloride	5.030	41	79835	19.055	ug/l	97
18) Methylene Chloride	5.277	84	52188	19.098	ug/l	94
19) trans-1,2-Dichloroethene	5.789	96	49409	19.205	ug/l	97
20) Diisopropyl ether	6.683	45	188643	20.699	ug/l	95
21) 1,1-Dichloroethane	6.571	63	103175	20.402	ug/l	93
22) cis-1,2-Dichloroethene	7.494	96	59234	20.117	ug/l #	89
23) tert-Butyl Alcohol	5.536	59	55874	106.352	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	164962	20.330	ug/l	99
25) Chloroform	7.971	83	101703	19.963	ug/l	99
26) Cyclohexane	8.265	56	75066	20.292	ug/l #	98
29) 1,1-Dichloropropene	8.377	75	76313	20.630	ug/l	99
30) 2-Butanone	7.494	43	220414	101.784	ug/l	99
31) 2,2-Dichloropropane	7.494	77	83593	20.447	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	86061	19.487	ug/l	99
33) Carbon Tetrachloride	8.371	117	77562	20.275	ug/l	97
34) Benzene	8.612	78	223937	20.201	ug/l	99
35) Methacrylonitrile	7.783	41	47471	20.568	ug/l	93
36) 1,2-Dichloroethane	8.677	62	81754	19.694	ug/l	99
37) Trichloroethene	9.359	130	54542	19.766	ug/l	85
38) Methylcyclohexane	9.606	83	66285	20.353	ug/l	98
39) 1,2-Dichloropropane	9.624	63	60921	20.403	ug/l	96
40) Dibromomethane	9.712	93	40323	20.146	ug/l	97
41) Bromodichloromethane	9.894	83	80190	19.922	ug/l	94
42) Vinyl Acetate	6.612	43	623112	102.057	ug/l	99

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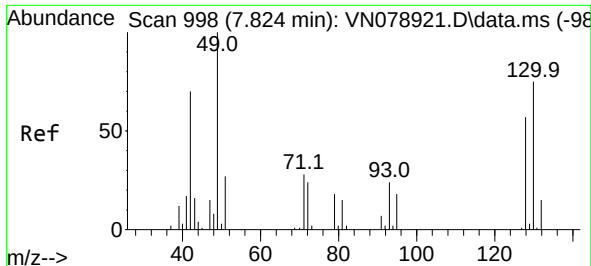
Manual Integrations
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Reviewed By : John Carlone 08/18/2023
 Supervised By : Semsettin Yesilyurt 08/18/2023

Quant Time: Aug 18 05:32:04 2023
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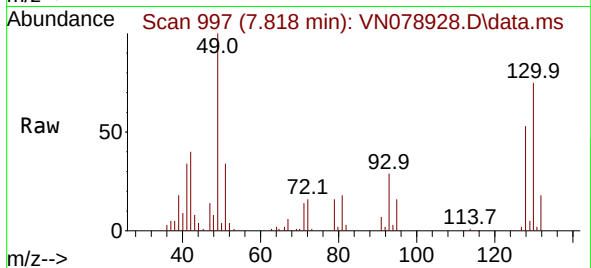
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	87443	20.814	ug/l	99
44) Isopropyl Acetate	8.694	43	144523	19.523	ug/l	99
45) 1,4-Dioxane	9.700	88	24279	435.848	ug/l	96
46) Methyl methacrylate	9.688	41	66506	20.391	ug/l	92
47) n-amyl Acetate	12.500	43	116853	20.571	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	86174	20.101	ug/l	99
49) cis-1,3-Dichloropropene	10.318	75	93799	20.405	ug/l	95
50) 1,1,2-Trichloroethane	11.024	97	54616	20.192	ug/l #	88
51) Ethyl methacrylate	10.876	69	86327	20.621	ug/l	97
52) 1,3-Dichloropropane	11.171	76	97251	20.074	ug/l	100
53) Dibromochloromethane	11.365	129	60580	20.464	ug/l	95
54) 1,2-Dibromoethane	11.476	107	55415	19.956	ug/l	92
55) 2-Chloroethyl vinyl ether	10.165	63	191815	99.129	ug/l	98
56) Bromoform	12.582	173	41066	19.661	ug/l	98
58) 4-Methyl-2-Pentanone	10.453	43	453492	104.573	ug/l	100
59) 2-Hexanone	11.200	43	324086	101.999	ug/l	100
61) Tetrachloroethene	11.106	164	40735	19.248	ug/l	91
62) Toluene	10.635	91	240394	20.145	ug/l	98
64) Chlorobenzene	11.894	112	142156	19.813	ug/l	92
65) 1,1,1,2-Tetrachloroethane	11.965	131	54032	19.695	ug/l	95
66) Ethyl Benzene	11.970	91	250173	20.042	ug/l	99
67) m/p-Xylenes	12.076	106	185309	39.817	ug/l	96
68) o-Xylene	12.406	106	91711	19.986	ug/l	97
69) Styrene	12.418	104	149981	20.114	ug/l	99
70) Isopropylbenzene	12.700	105	223364	20.089	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.941	83	83476	20.027	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	77385m	22.631	ug/l	
73) Bromobenzene	12.982	156	56462	19.947	ug/l	99
74) n-propylbenzene	13.041	91	257575	20.441	ug/l	98
75) 2-Chlorotoluene	13.129	91	160222	20.042	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	179764	20.395	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	25835	20.331	ug/l	86
78) 4-Chlorotoluene	13.223	91	150880	19.701	ug/l	100
79) tert-butylbenzene	13.447	119	148773	19.975	ug/l	96
80) 1,2,4-Trimethylbenzene	13.488	105	177601	20.492	ug/l	98
81) sec-Butylbenzene	13.617	105	196856	20.027	ug/l	99
82) p-Isopropyltoluene	13.735	119	163076	20.320	ug/l	99
83) 1,3-Dichlorobenzene	13.741	146	92860	20.327	ug/l	94
84) 1,4-Dichlorobenzene	13.817	146	86454	19.276	ug/l	97
85) n-Butylbenzene	14.064	91	120037	19.017	ug/l	99
86) Hexachloroethane	14.335	117	33020	20.109	ug/l	91
87) 1,2-Dichlorobenzene	14.112	146	95273	20.362	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	15514	20.738	ug/l	95
89) 1,2,4-Trichlorobenzene	15.847	180	36917	19.979	ug/l	97
90) Hexachlorobutadiene	15.506	225	19416	20.182	ug/l	99
91) Naphthalene	15.641	128	97478	18.290	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	36917	19.979	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 998
Delta R.T. -0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

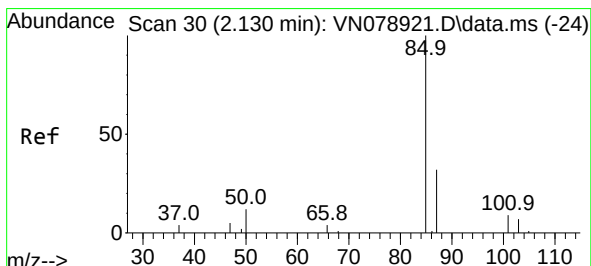
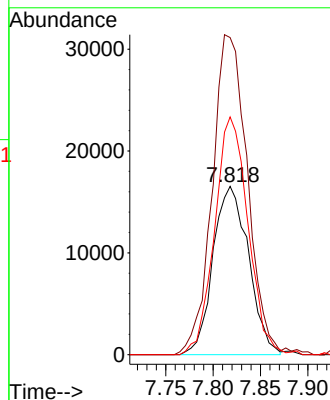
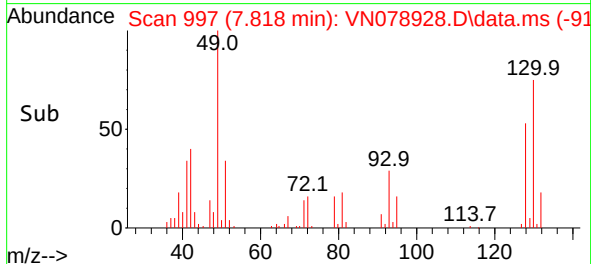
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01



Tgt Ion:128 Resp: 4315
Ion Ratio Lower Upper
128 100
49 187.1 0.0 481.8
130 132.4 0.0 320.5

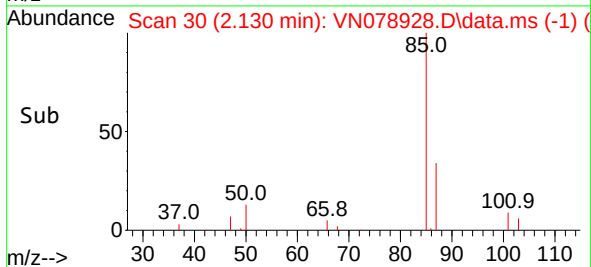
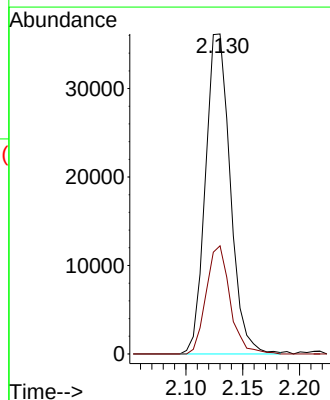
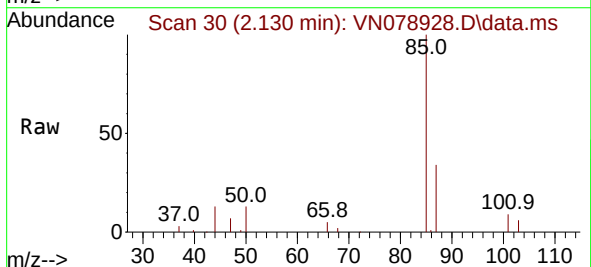
Manual Integrations
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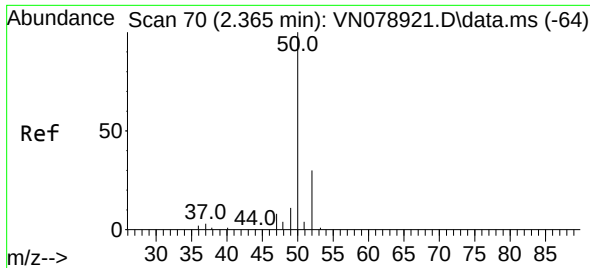
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#2
Dichlorodifluoromethane
Concen: 20.182 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion: 85 Resp: 54960
Ion Ratio Lower Upper
85 100
87 33.8 15.9 47.7





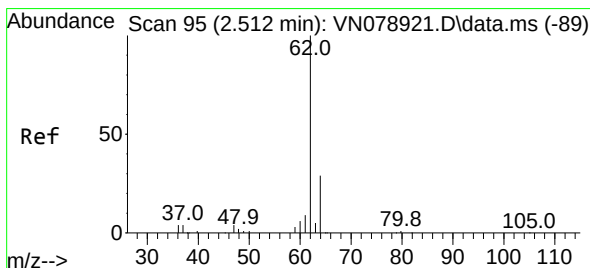
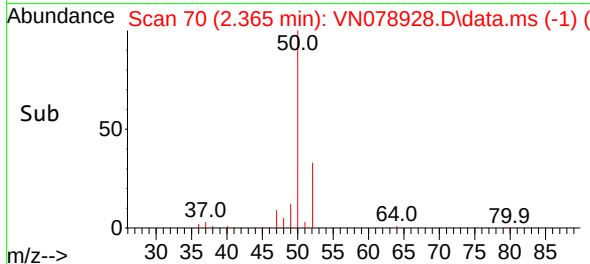
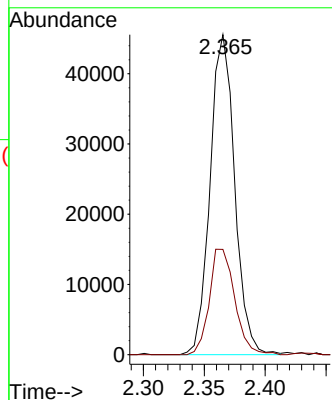
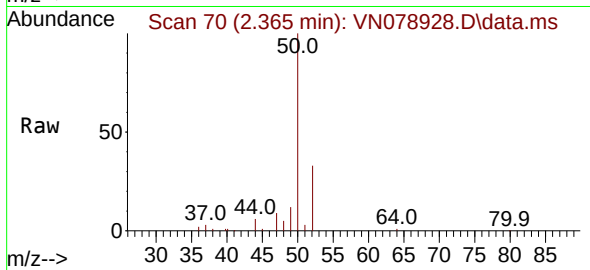
#3
Chloromethane
Concen: 19.619 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01

Tgt Ion: 50 Resp: 64028
Ion Ratio Lower Upper
50 100
52 32.9 24.2 36.4

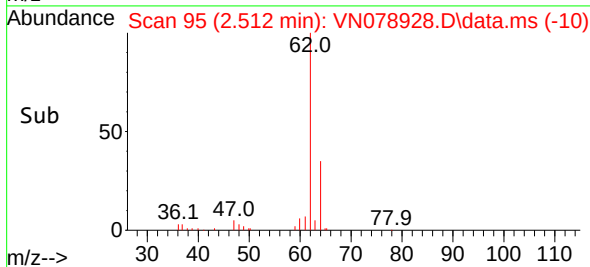
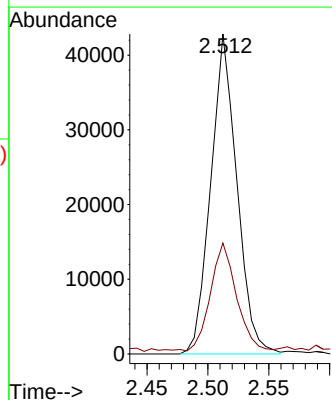
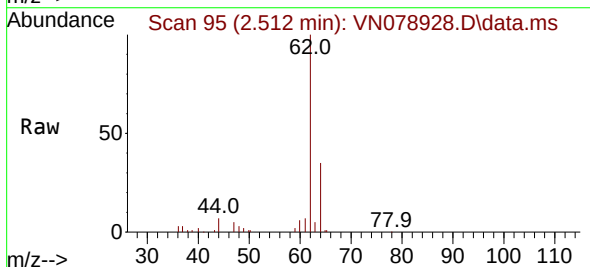
Manual Integrations
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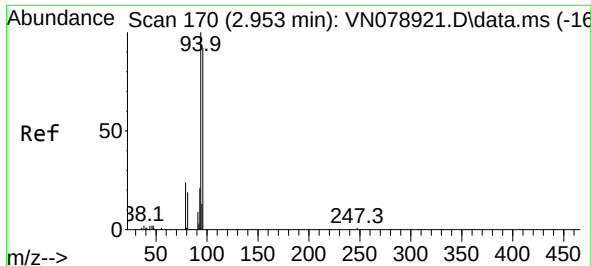
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#4
Vinyl Chloride
Concen: 19.825 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion: 62 Resp: 64035
Ion Ratio Lower Upper
62 100
64 33.3 23.8 35.8





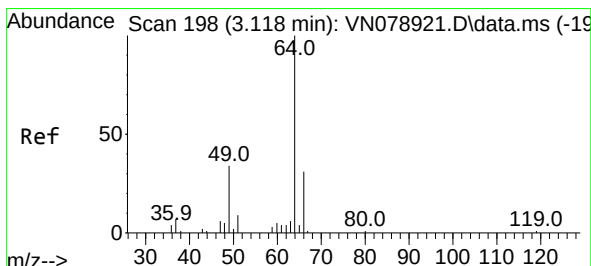
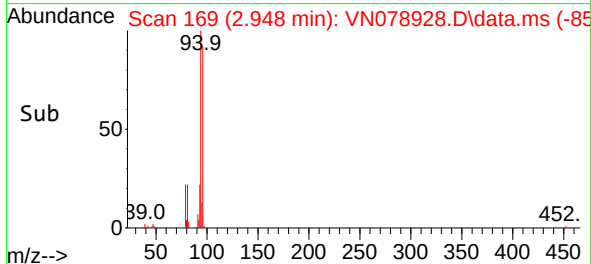
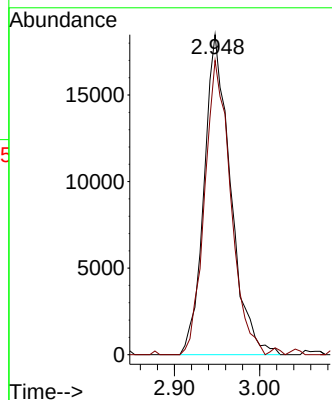
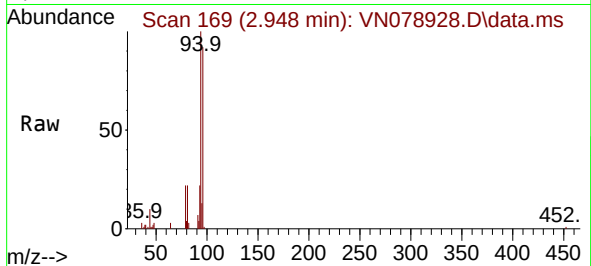
#5
Bromomethane
Concen: 20.087 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01

Tgt Ion: 94 Resp: 40049
Ion Ratio Lower Upper
94 100
96 92.0 73.6 110.4

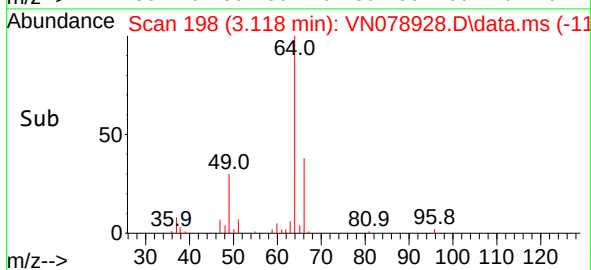
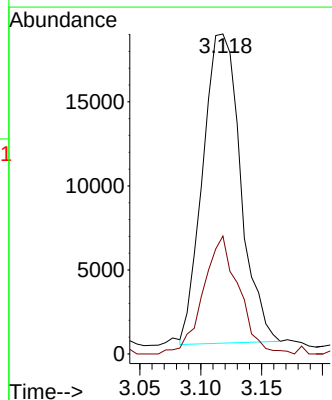
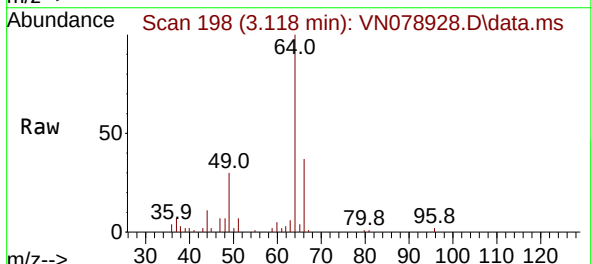
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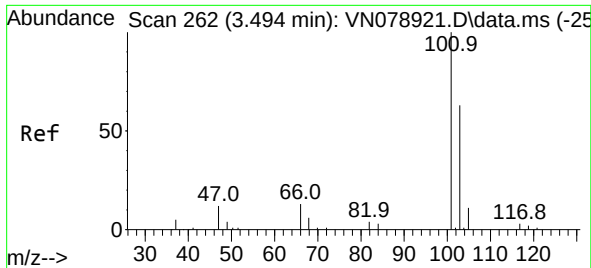
Reviewed By :John Carlone 08/18/2023
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#6
Chloroethane
Concen: 18.947 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

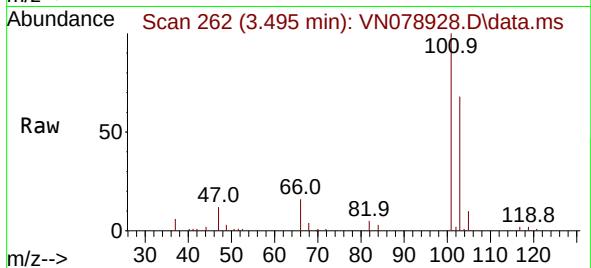
Tgt Ion: 64 Resp: 39770
Ion Ratio Lower Upper
64 100
66 37.3 24.9 37.3





#7
Trichlorofluoromethane
Concen: 19.943 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

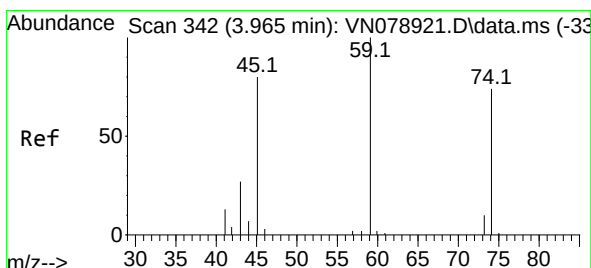
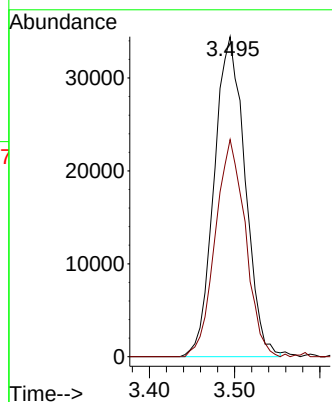
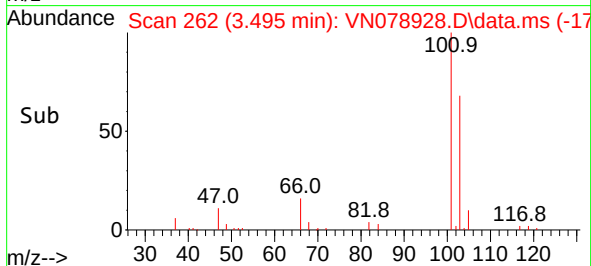
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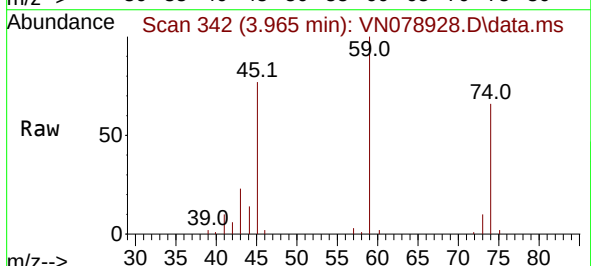
Tgt Ion:101 Resp: 86759
Ion Ratio Lower Upper
101 100
103 67.9 50.9 76.3

Manual Integrations
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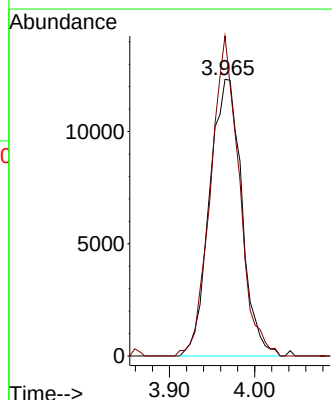
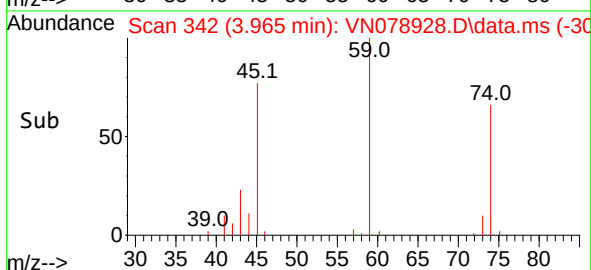
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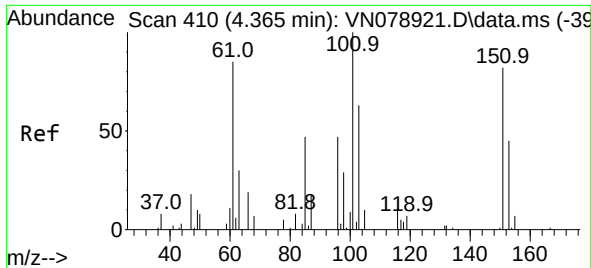


#8
Diethyl Ether
Concen: 19.714 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04



Tgt Ion: 74 Resp: 32257
Ion Ratio Lower Upper
74 100
45 102.6 21.3 191.9





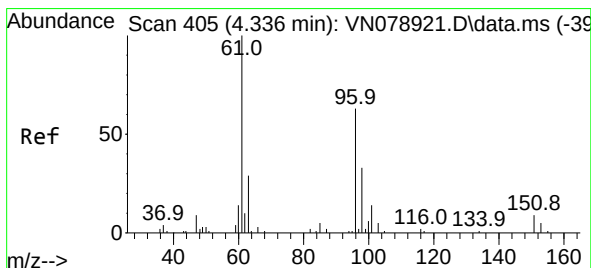
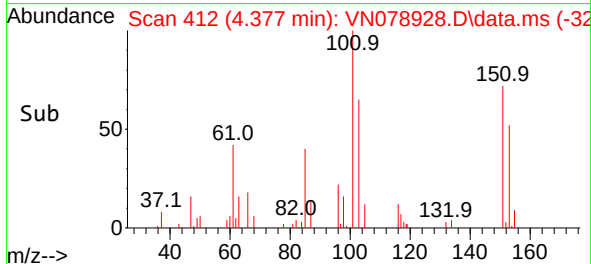
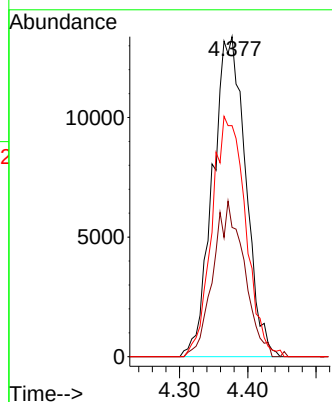
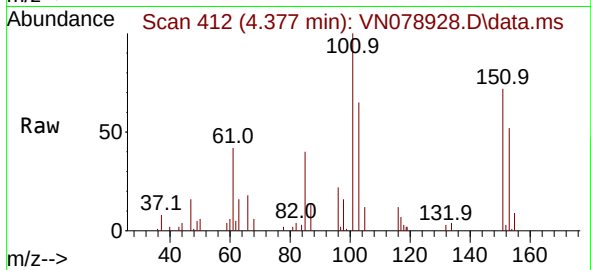
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.764 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01

Tgt Ion:101 Resp: 4490
Ion Ratio Lower Upper
101 100
85 45.8 0.0 65.4
151 76.7 0.0 156.8

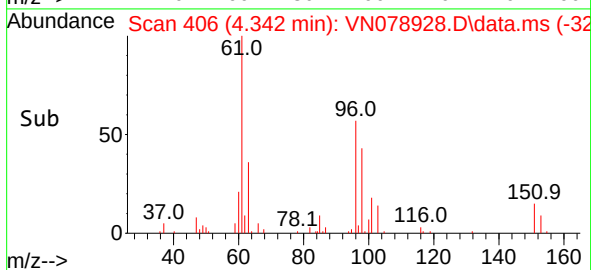
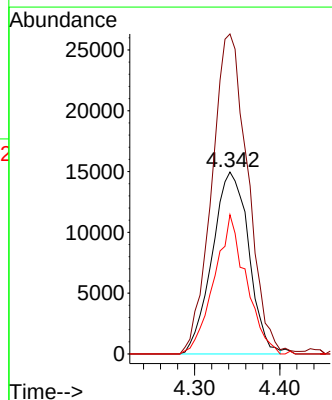
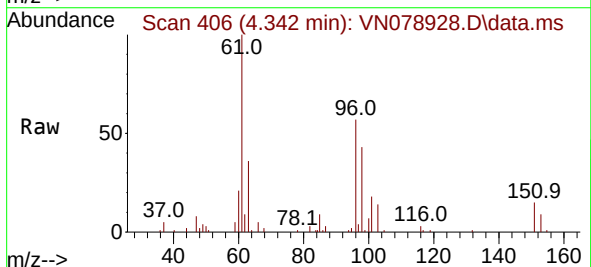
Manual Integrations
APPROVED

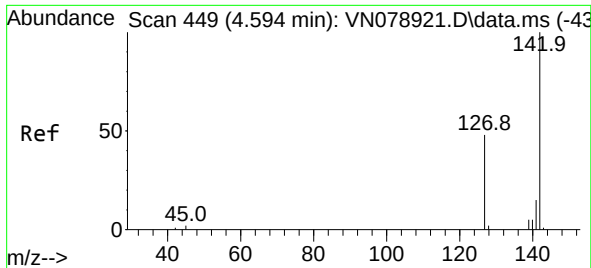
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#10
1,1-Dichloroethene
Concen: 19.479 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion: 96 Resp: 44526
Ion Ratio Lower Upper
96 100
61 175.9 126.2 189.4
98 76.5 41.7 62.5#





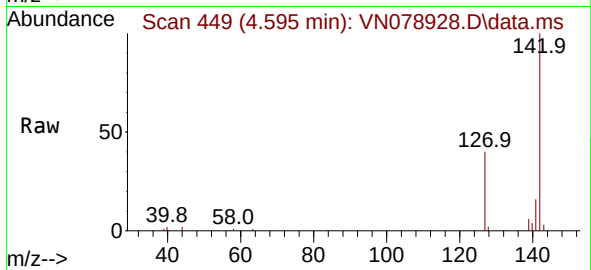
#11
Methyl Iodide
Concen: 19.691 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBSD01



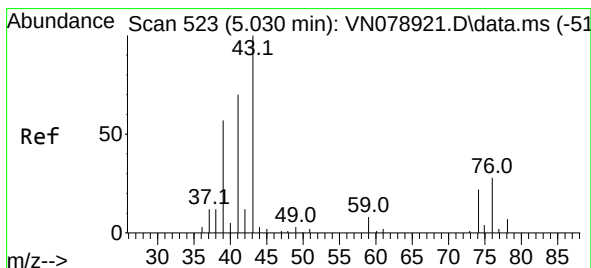
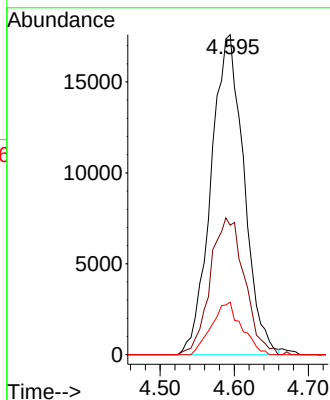
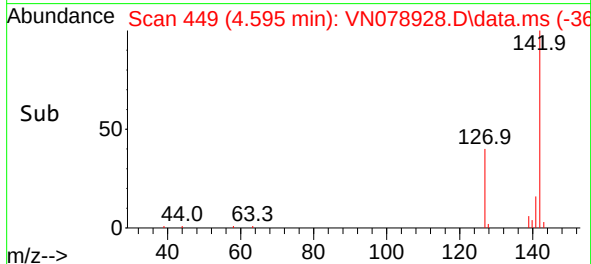
Tgt Ion:142 Resp: 5431
Ion Ratio Lower Upper
142 100
127 40.8 24.3 72.9
141 15.7 7.3 22.0

Manual Integrations

APPROVED

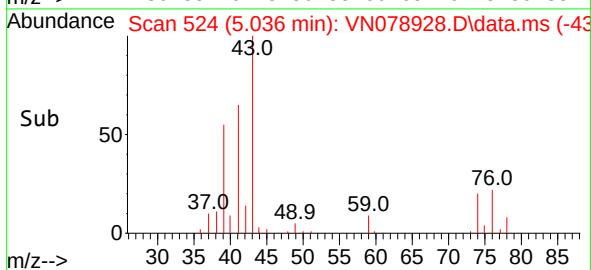
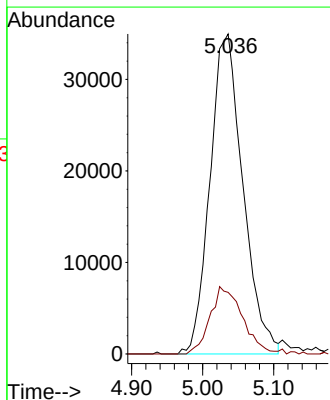
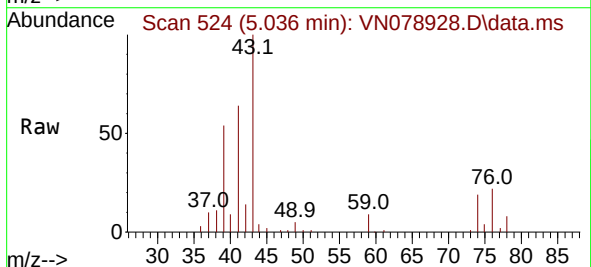
Reviewed By :John Carlone 08/18/2023

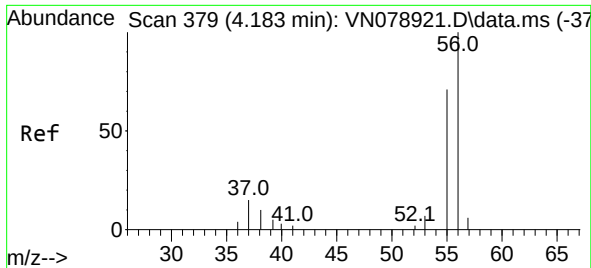
Supervised By :Semsettin Yesilyurt 08/18/2023



#12
Methyl Acetate
Concen: 20.999 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion: 43 Resp: 112509
Ion Ratio Lower Upper
43 100
74 19.1 17.5 26.3





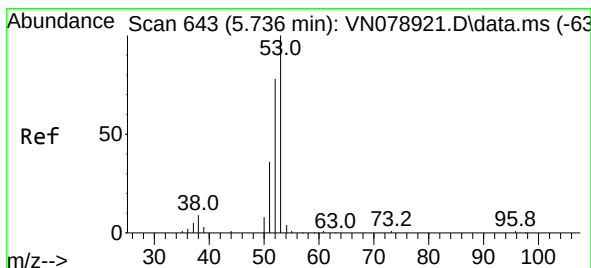
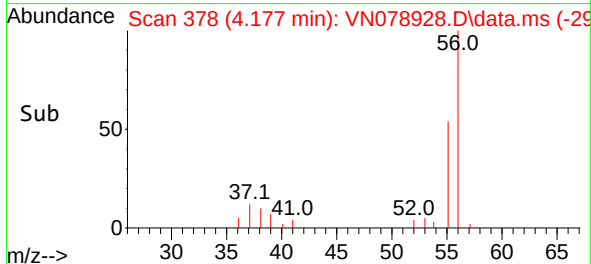
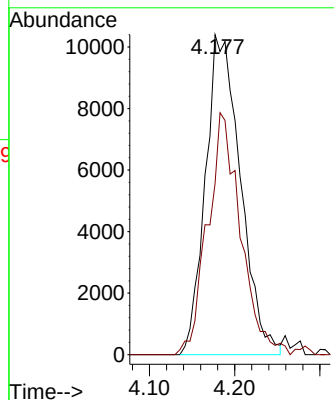
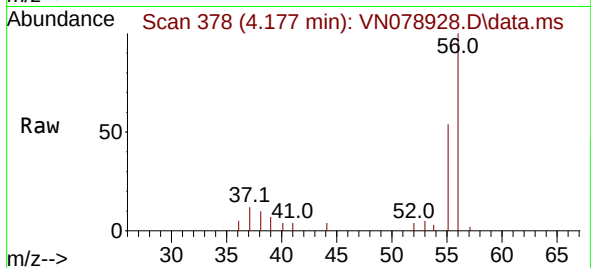
#13
Acrolein
Concen: 79.618 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01

Tgt Ion: 56 Resp: 2973
Ion Ratio Lower Upper
56 100
55 70.3 54.5 81.7

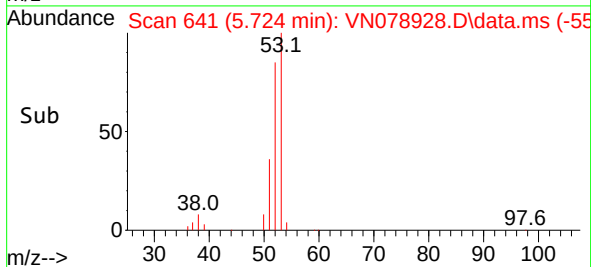
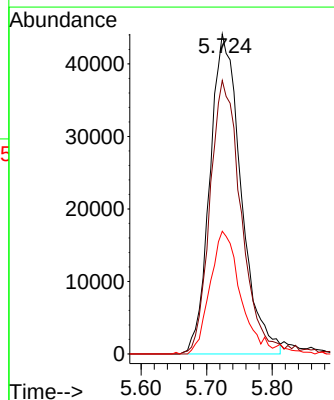
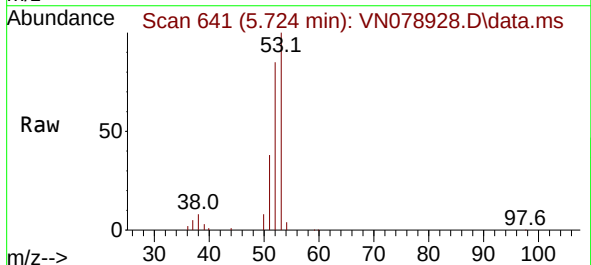
Manual Integrations
APPROVED

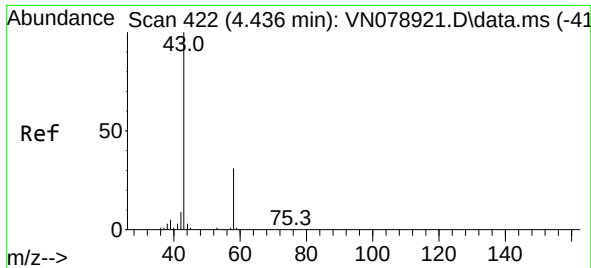
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#14
Acrylonitrile
Concen: 103.566 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.012 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion: 53 Resp: 145867
Ion Ratio Lower Upper
53 100
52 84.9 41.9 125.6
51 36.2 10.1 30.1#





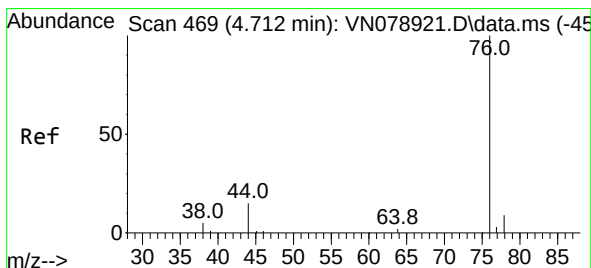
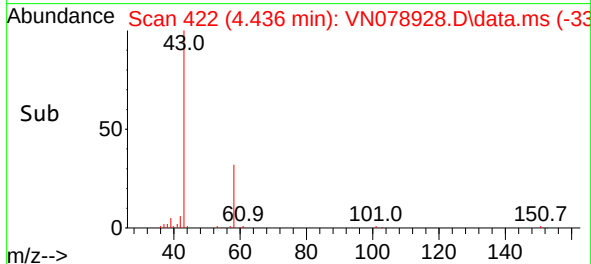
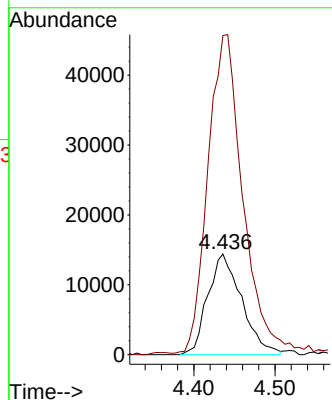
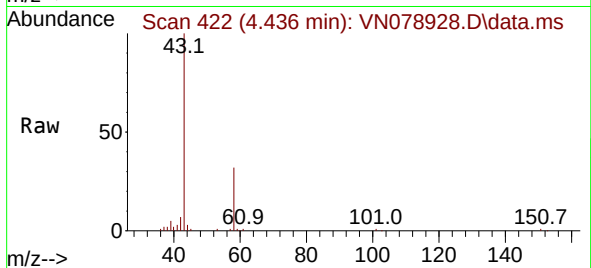
#15
Acetone
Concen: 96.799 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01

Tgt Ion: 58 Resp: 4182
Ion Ratio Lower Upper
58 100
43 314.4 260.6 390.8

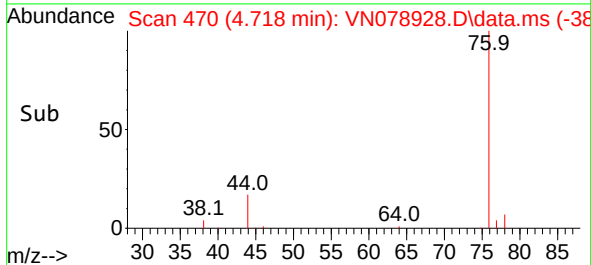
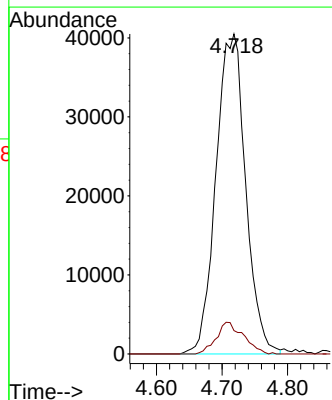
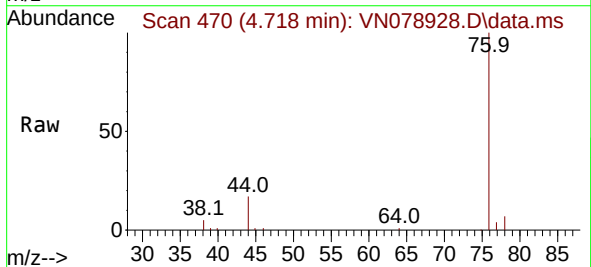
Manual Integrations
APPROVED

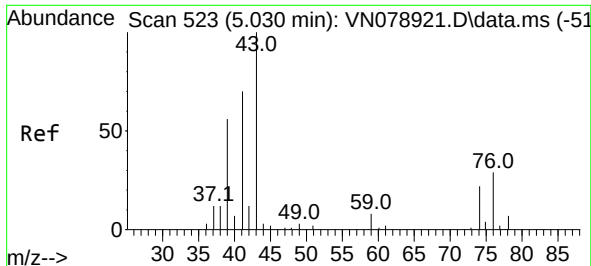
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#16
Carbon Disulfide
Concen: 19.378 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

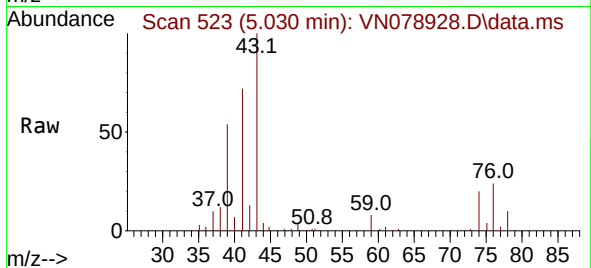
Tgt Ion: 76 Resp: 127276
Ion Ratio Lower Upper
76 100
78 7.3 7.0 10.6





#17
 Allyl chloride
 Concen: 19.055 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN078928.D
 Acq: 17 Aug 2023 16:04

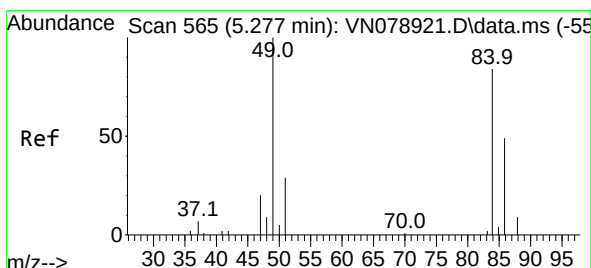
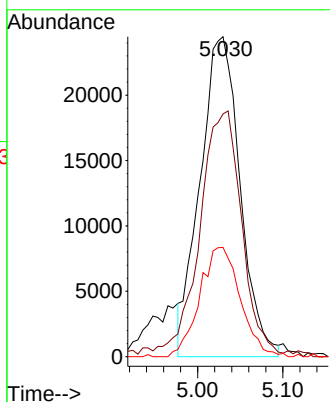
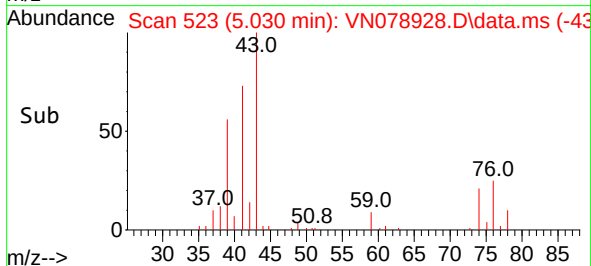
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBSD01



Tgt Ion: 41 Resp: 7983
 Ion Ratio Lower Upper
 41 100
 39 77.2 36.9 110.7
 76 34.7 17.3 51.9

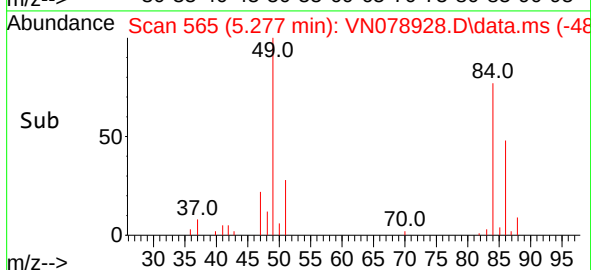
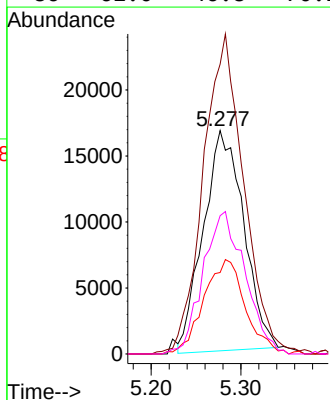
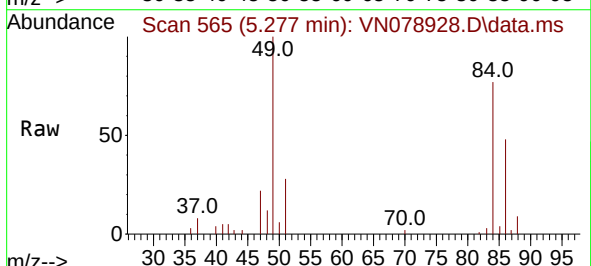
Manual Integrations
 APPROVED

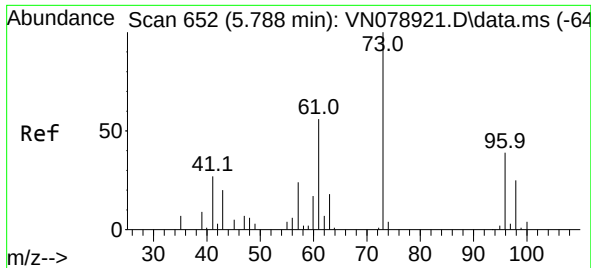
Reviewed By :John Carlone 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023



#18
 Methylene Chloride
 Concen: 19.098 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN078928.D
 Acq: 17 Aug 2023 16:04

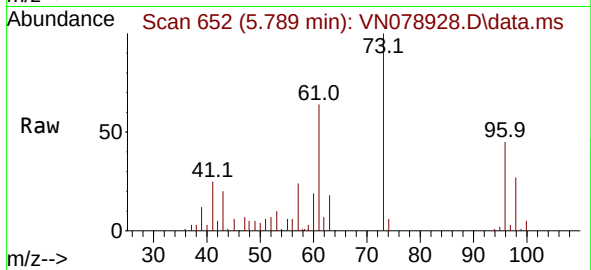
Tgt Ion: 84 Resp: 52188
 Ion Ratio Lower Upper
 84 100
 49 127.9 95.8 143.6
 51 36.1 28.6 43.0
 86 62.0 46.8 70.2





#19
trans-1,2-Dichloroethene
Concen: 19.205 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

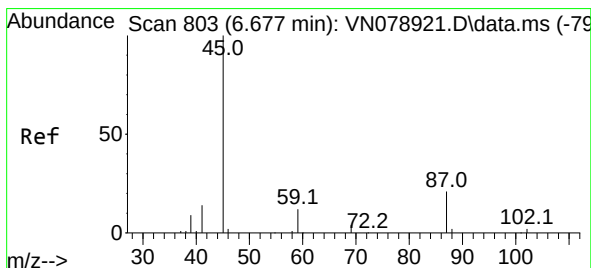
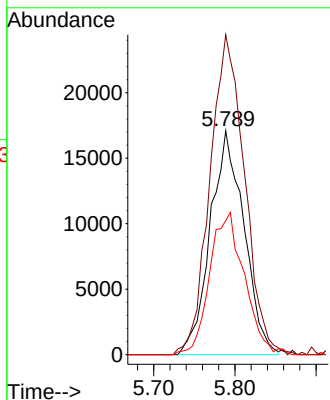
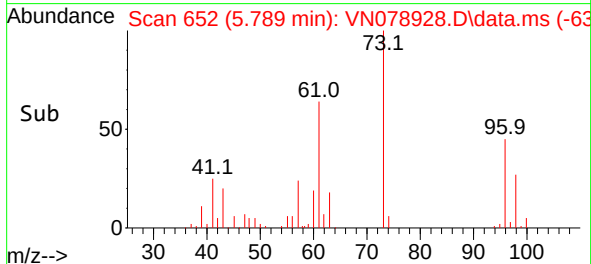
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01



Tgt Ion: 96 Resp: 49409
Ion Ratio Lower Upper
96 100
61 140.4 114.0 171.0
98 58.6 50.6 76.0

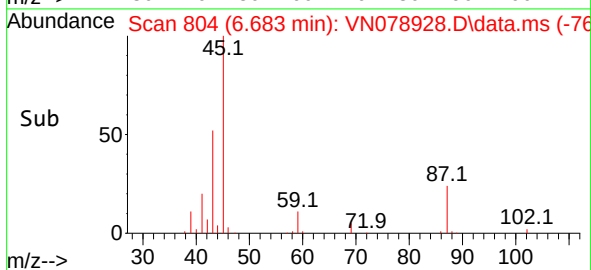
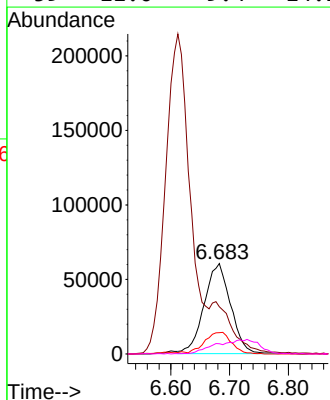
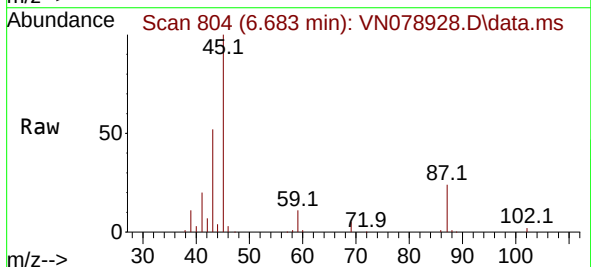
Manual Integrations
APPROVED

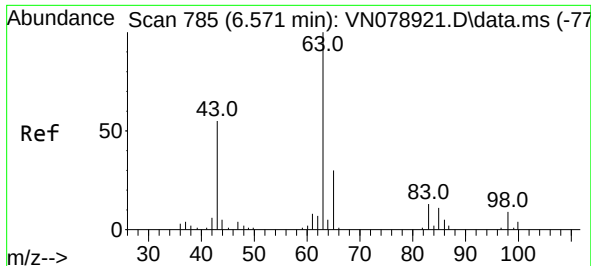
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#20
Diisopropyl ether
Concen: 20.699 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion: 45 Resp: 188643
Ion Ratio Lower Upper
45 100
43 50.5 37.4 56.2
87 23.7 17.3 25.9
59 11.0 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: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBSD01

Tgt Ion: 63 Resp: 10317

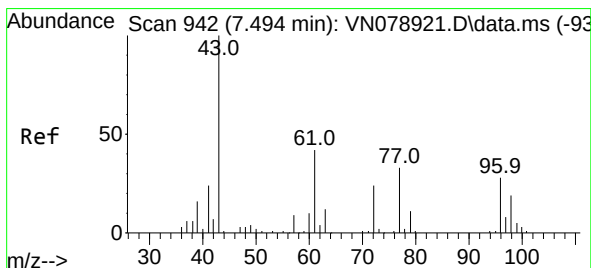
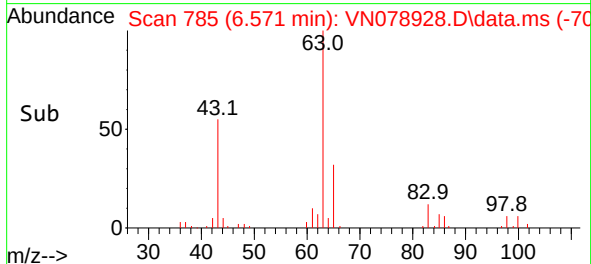
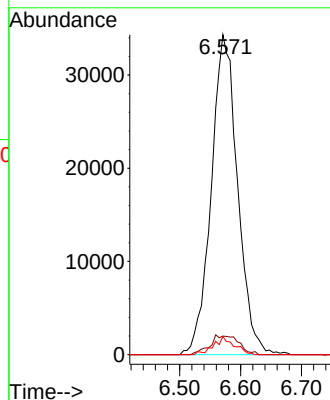
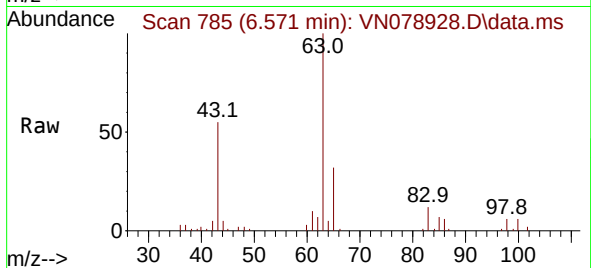
Ion	Ratio	Lower	Upper
63	100		
98	5.8	4.4	13.2
100	5.7	2.1	6.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#22

cis-1,2-Dichloroethene

Concen: 20.117 ug/l

RT: 7.494 min Scan# 942

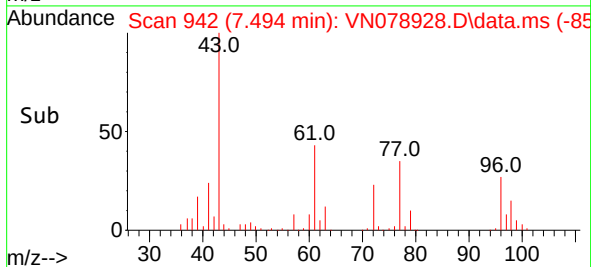
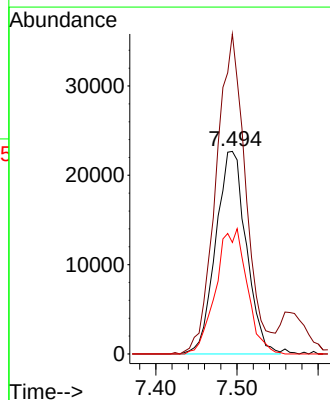
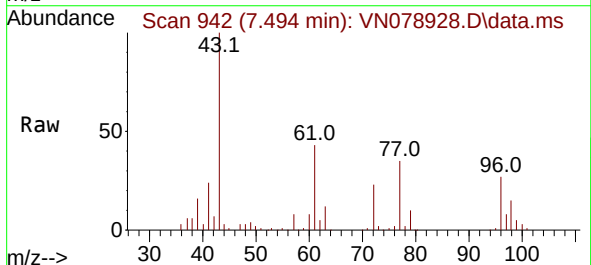
Delta R.T. 0.000 min

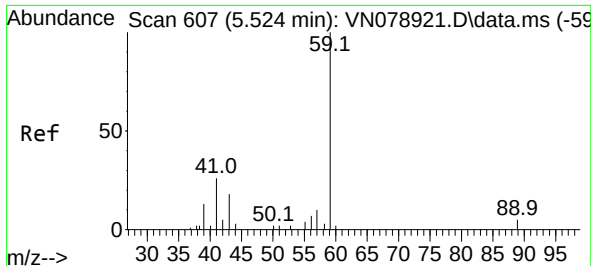
Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Tgt Ion: 96 Resp: 59234

Ion	Ratio	Lower	Upper
96	100		
61	154.1	121.8	182.6
98	36.9	50.7	76.1





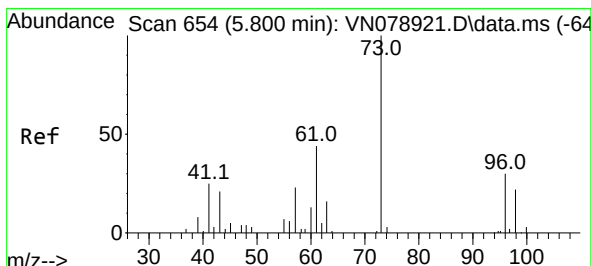
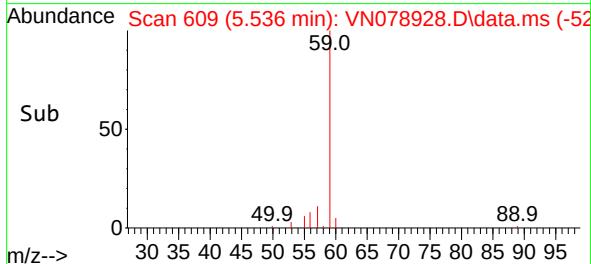
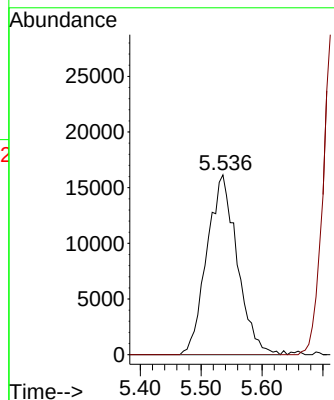
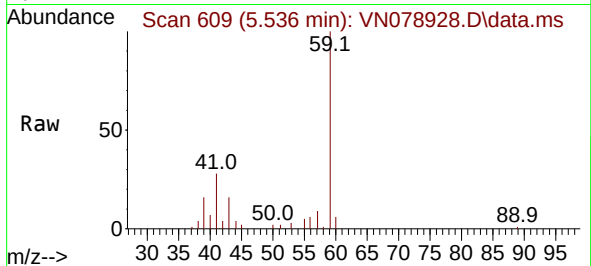
#23
tert-Butyl Alcohol
Concen: 106.352 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.012 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01

Tgt Ion: 59 Resp: 55874
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

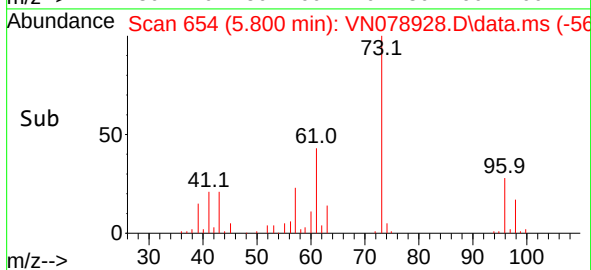
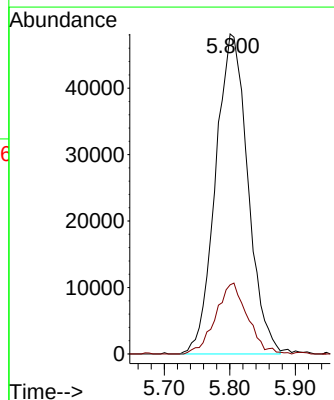
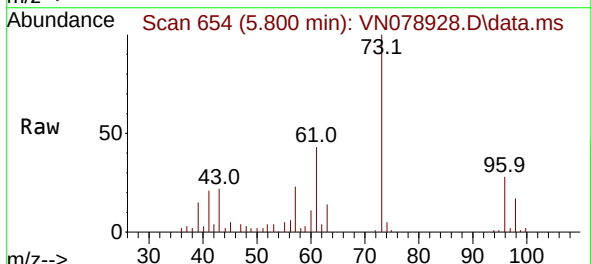
Manual Integrations
APPROVED

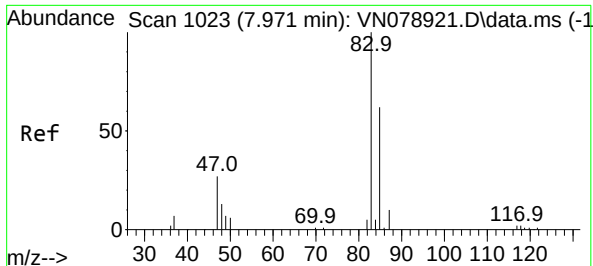
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#24
Methyl tert-Butyl Ether
Concen: 20.330 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion: 73 Resp: 164962
Ion Ratio Lower Upper
73 100
43 21.3 17.3 25.9





#25

Chloroform

Concen: 19.963 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBSD01

Tgt Ion: 83 Resp: 10170

Ion Ratio Lower Upper

83 100

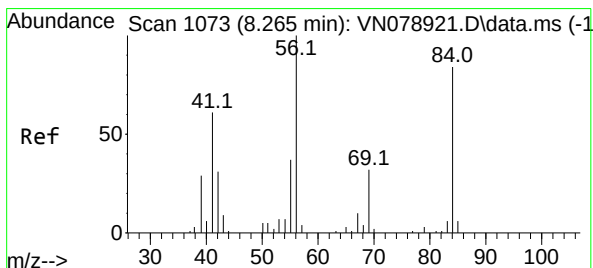
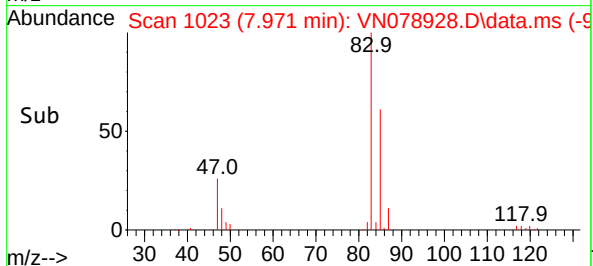
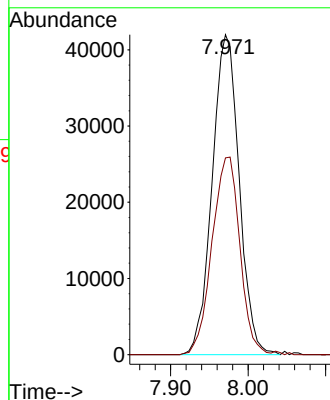
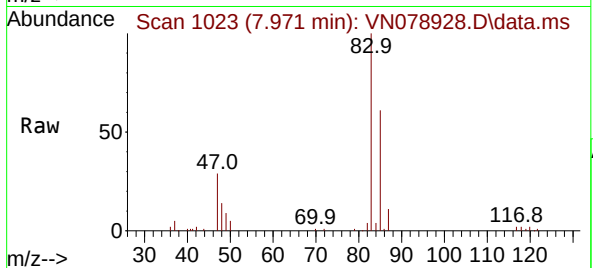
85 61.5 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#26

Cyclohexane

Concen: 20.292 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

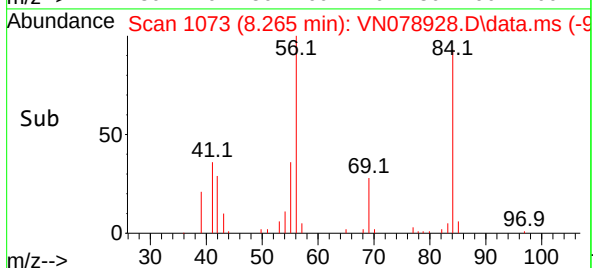
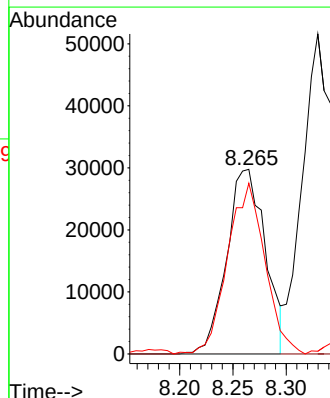
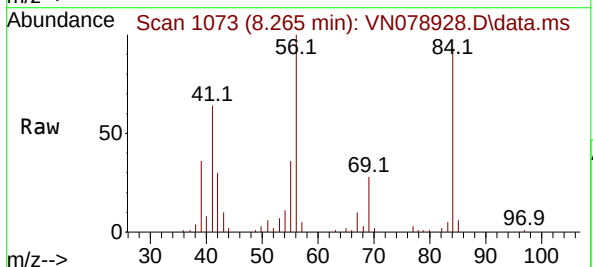
Tgt Ion: 56 Resp: 75066

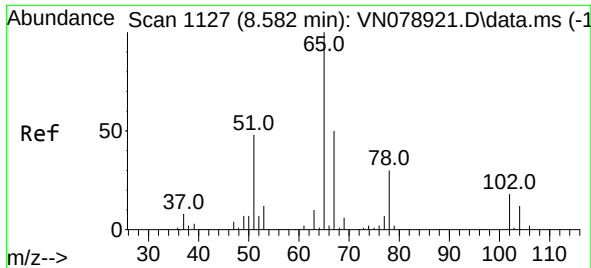
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

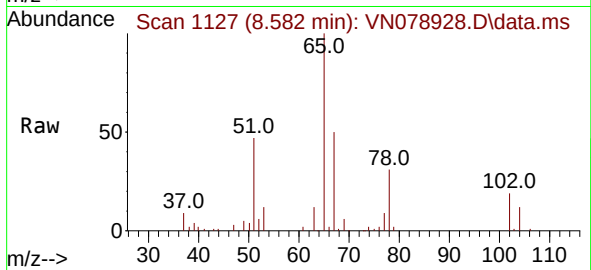
84 89.2 70.1 105.1





#27
1,2-Dichloroethane-d4
Concen: 30.836 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

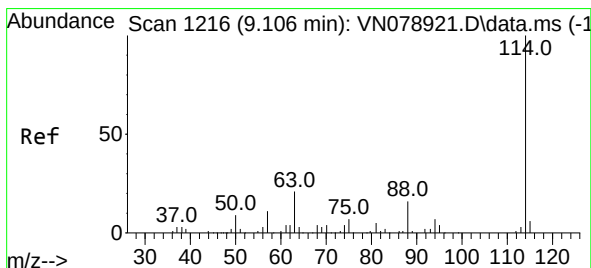
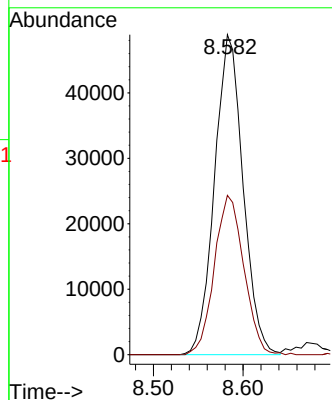
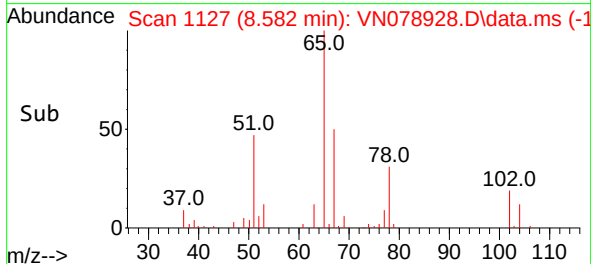
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01



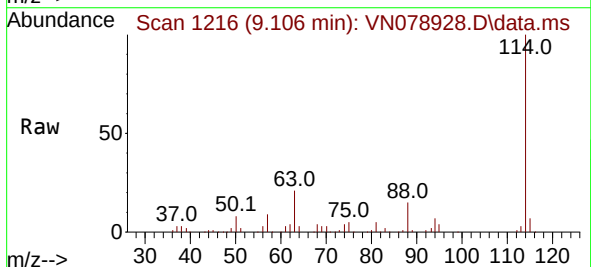
Tgt Ion: 65 Resp: 107810
Ion Ratio Lower Upper
65 100
67 51.5 40.7 61.1

Manual Integrations
APPROVED

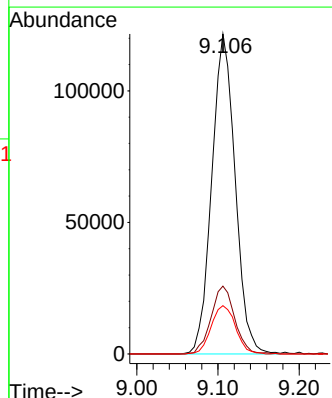
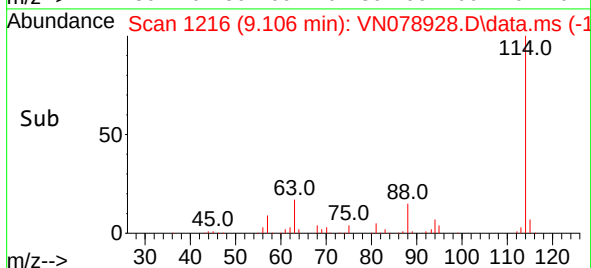
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

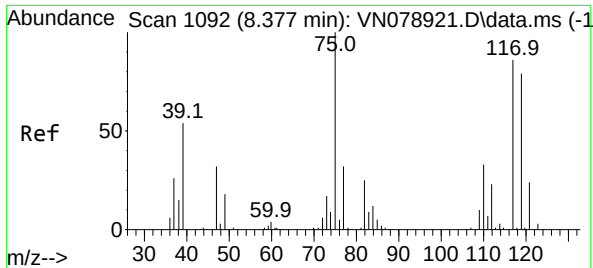


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04



Tgt Ion:114 Resp: 243169
Ion Ratio Lower Upper
114 100
63 21.4 17.4 26.2
88 15.7 12.0 18.0





#29
1,1-Dichloropropene
Concen: 20.630 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBSD01

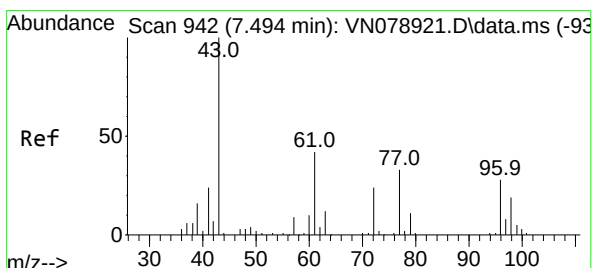
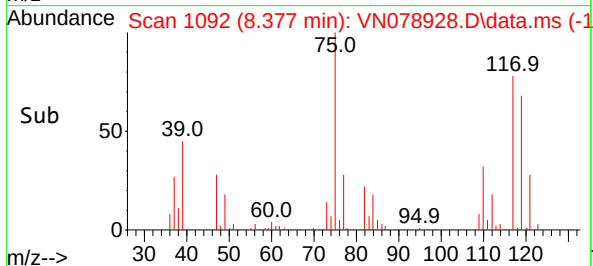
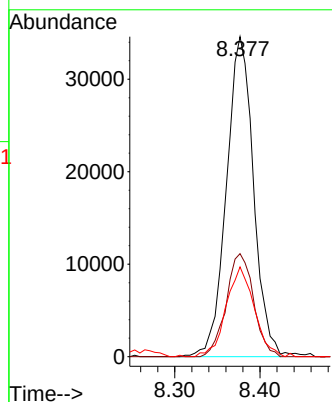
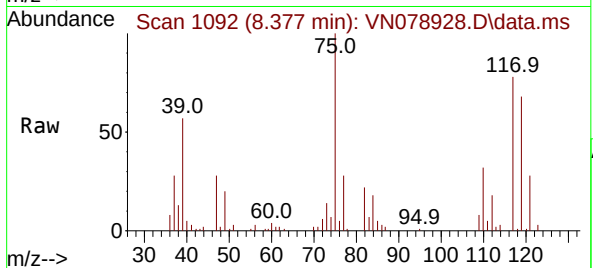
Tgt Ion: 75 Resp: 7631
Ion Ratio Lower Upper
75 100
110 32.5 0.0 65.8
77 29.1 0.0 60.4

Manual Integrations

APPROVED

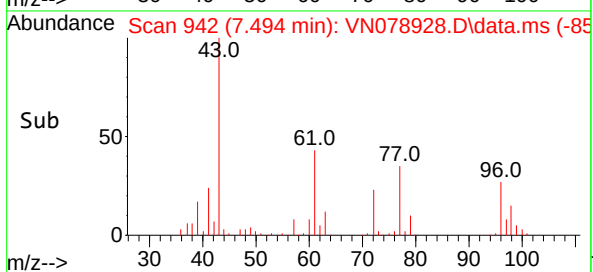
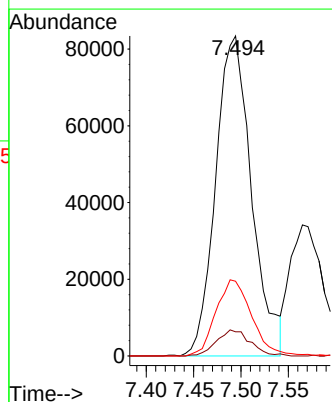
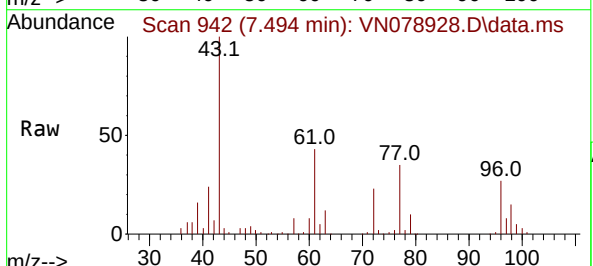
Reviewed By :John Carlone 08/18/2023

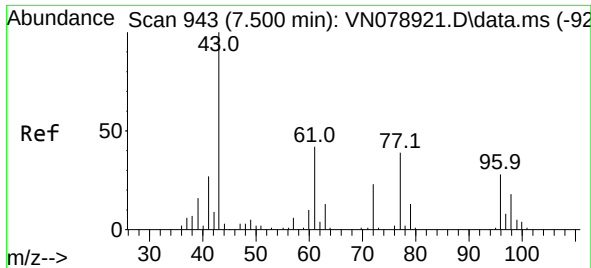
Supervised By :Semsettin Yesilyurt 08/18/2023



#30
2-Butanone
Concen: 101.784 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

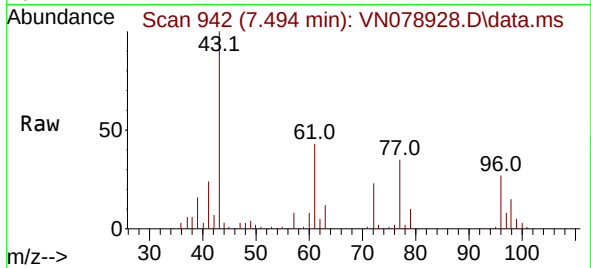
Tgt Ion: 43 Resp: 220414
Ion Ratio Lower Upper
43 100
57 7.6 6.2 9.4
72 23.6 19.4 29.2





#31
2,2-Dichloropropane
Concen: 20.447 ug/l
RT: 7.494 min Scan# 943
Delta R.T. -0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

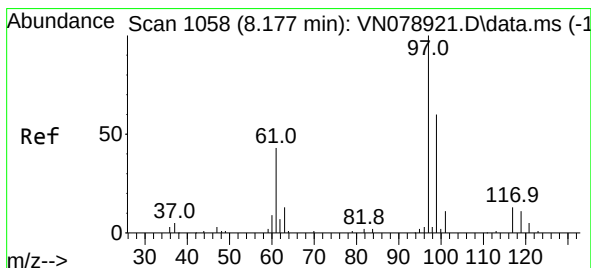
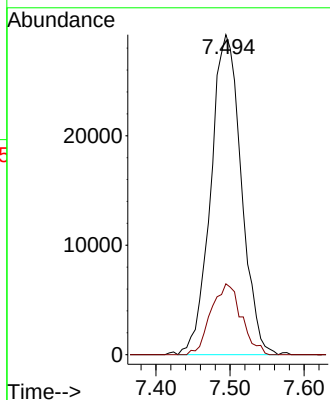
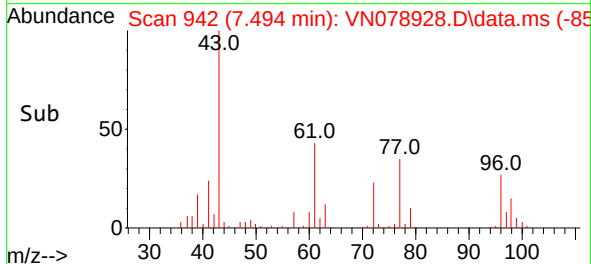
Instrument :
MSVOA_N
Client Sample Id :
VN0817WBSD01



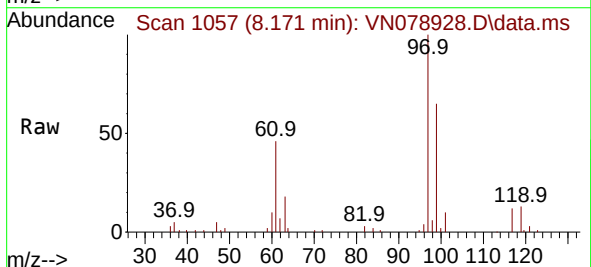
Tgt Ion: 77 Resp: 8359
Ion Ratio Lower Upper
77 100
97 21.7 17.6 26.4

Manual Integrations
APPROVED

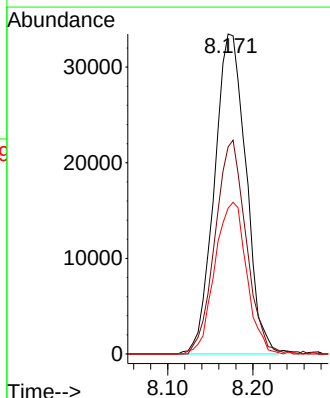
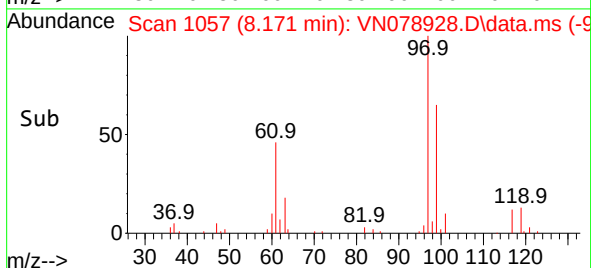
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

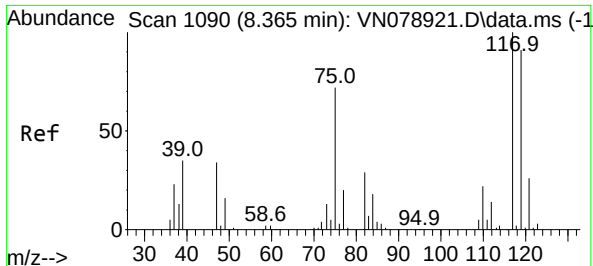


#32
1,1,1-Trichloroethane
Concen: 19.487 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04



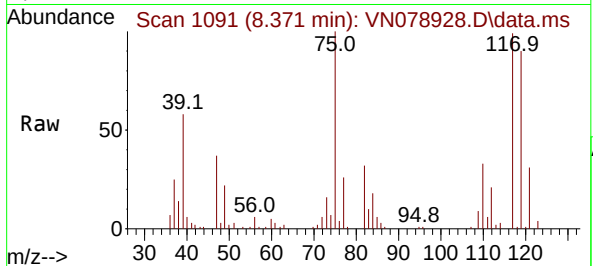
Tgt Ion: 97 Resp: 86061
Ion Ratio Lower Upper
97 100
99 65.5 52.0 78.0
61 47.7 37.0 55.6





#33
Carbon Tetrachloride
Concen: 20.275 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

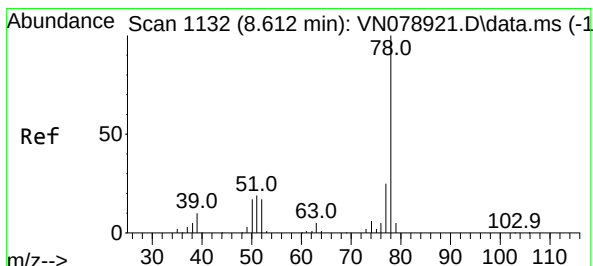
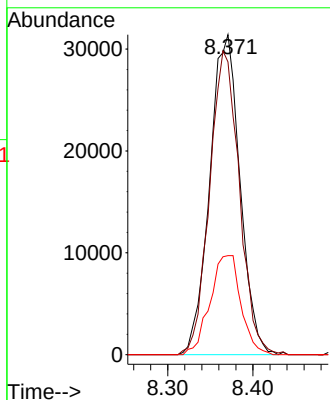
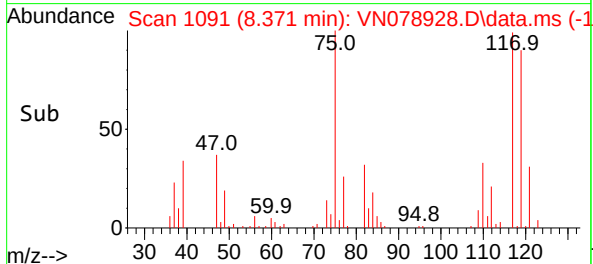
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01



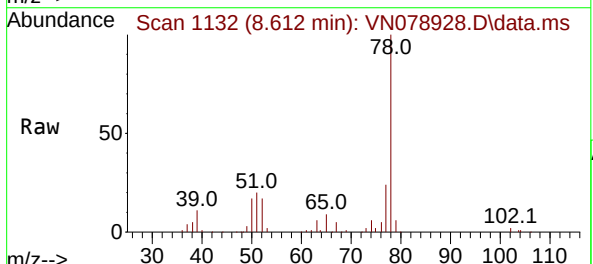
Tgt Ion: 117 Resp: 77562
Ion Ratio Lower Upper
117 100
119 91.5 72.6 108.8
121 30.9 20.7 31.1

Manual Integrations
APPROVED

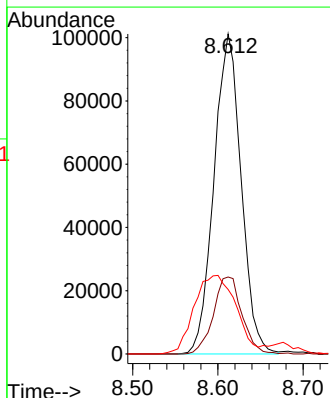
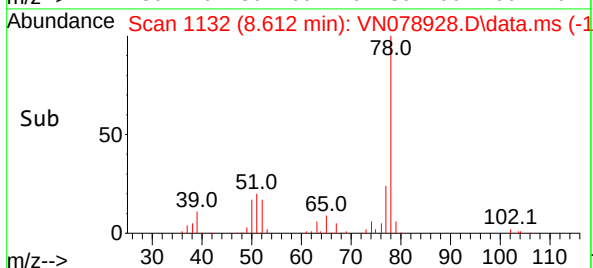
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

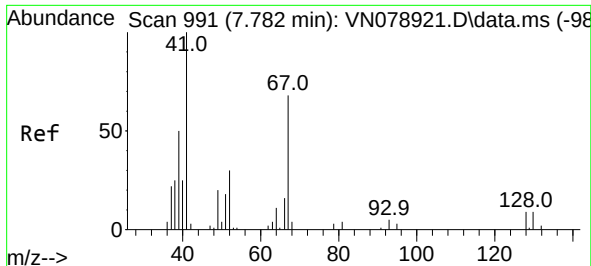


#34
Benzene
Concen: 20.201 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04



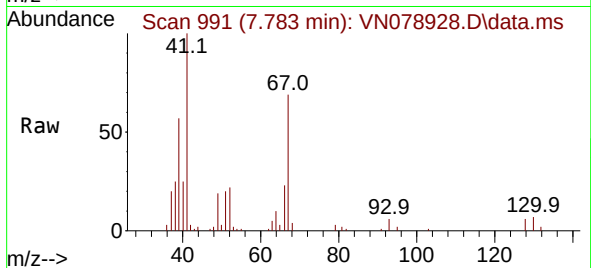
Tgt Ion: 78 Resp: 223937
Ion Ratio Lower Upper
78 100
77 24.0 19.9 29.9
51 18.6 14.8 22.2





#35
Methacrylonitrile
Concen: 20.568 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

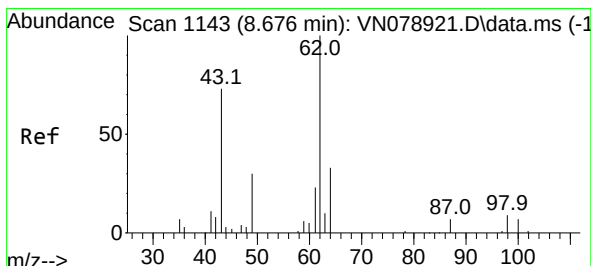
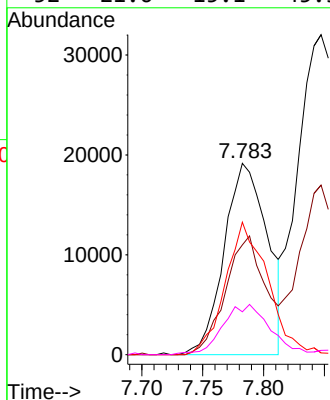
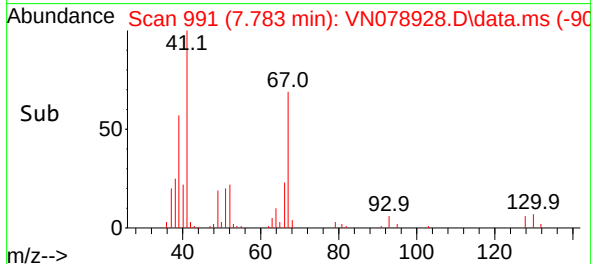
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01



Tgt Ion: 41 Resp: 4747
Ion Ratio Lower Upper
41 100
39 57.3 25.0 75.0
67 69.2 34.0 102.0
52 21.6 15.1 45.3

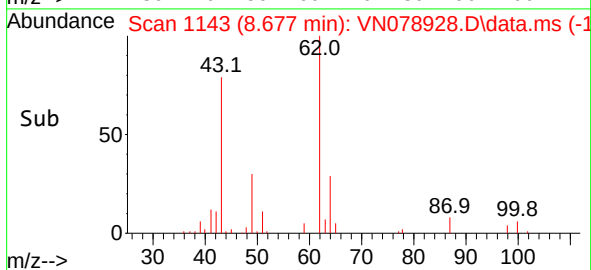
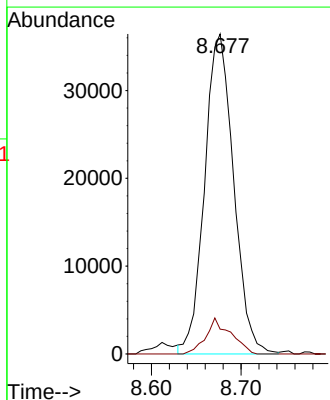
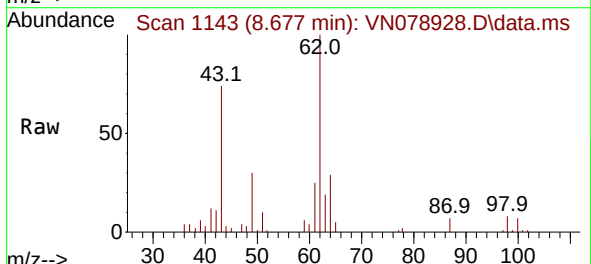
Manual Integrations
APPROVED

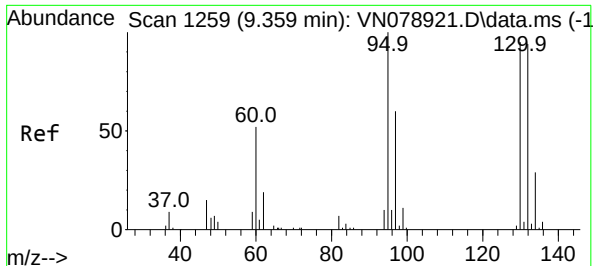
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#36
1,2-Dichloroethane
Concen: 19.694 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion: 62 Resp: 81754
Ion Ratio Lower Upper
62 100
98 9.6 8.1 12.1





#37

Trichloroethene

Concen: 19.766 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBSD01

Tgt Ion:130 Resp: 5454

Ion Ratio Lower Upper

130 100

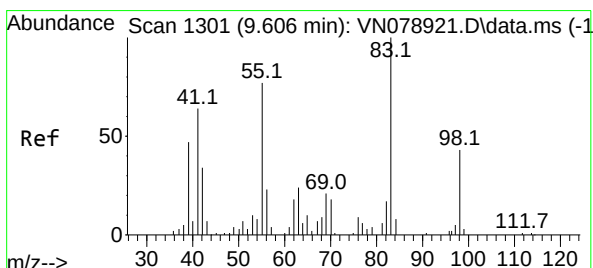
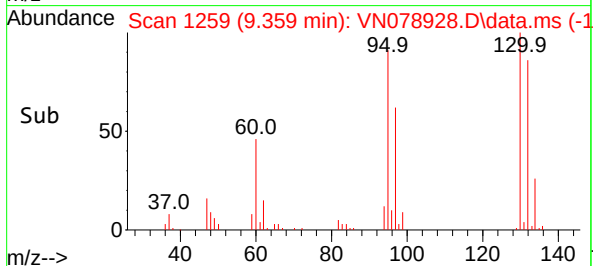
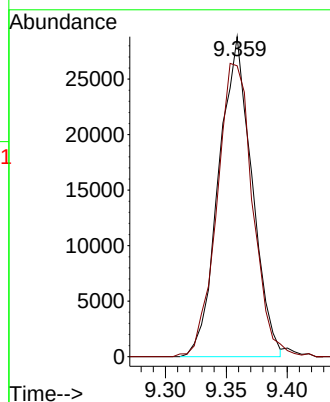
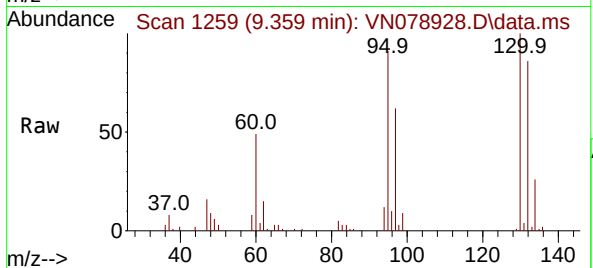
95 90.0 84.6 127.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#38

Methylcyclohexane

Concen: 20.353 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

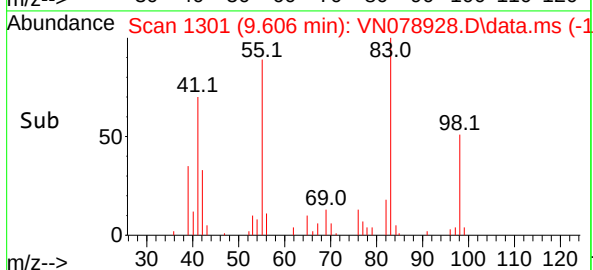
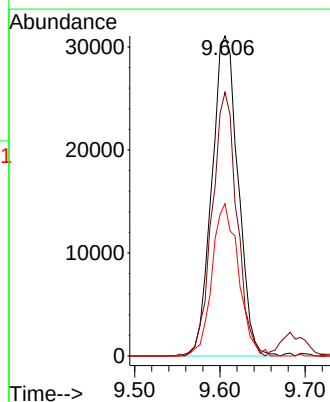
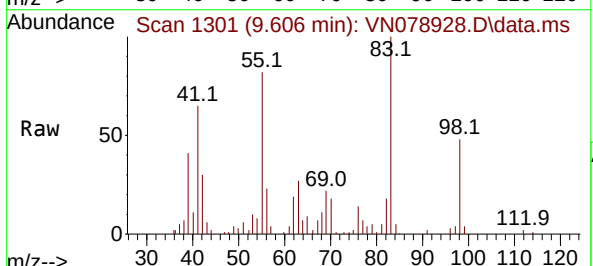
Tgt Ion: 83 Resp: 66285

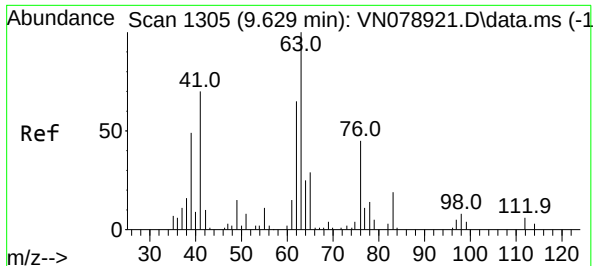
Ion Ratio Lower Upper

83 100

55 77.8 40.2 120.6

98 47.8 24.1 72.3





#39

1,2-Dichloropropane

Concen: 20.403 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBSD01

Tgt Ion: 63 Resp: 6092

Ion Ratio Lower Upper

63 100

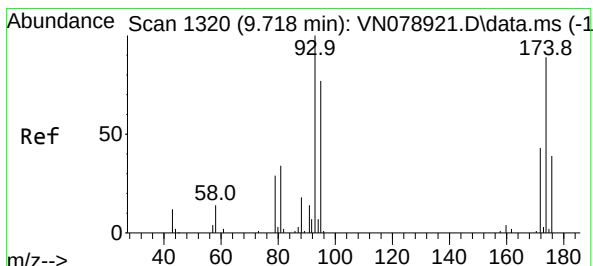
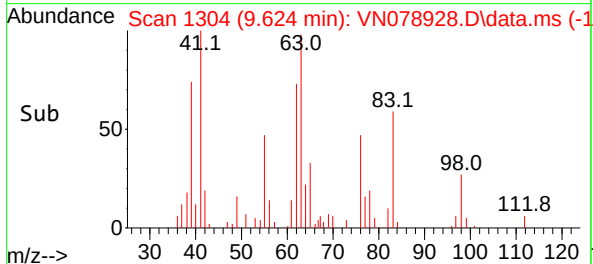
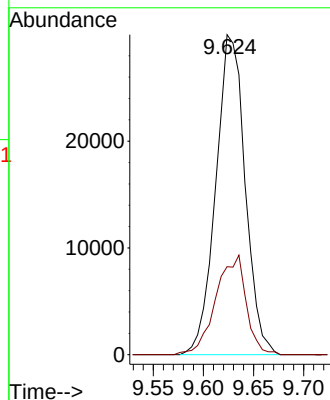
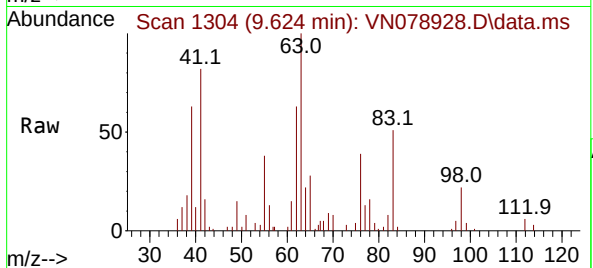
65 27.5 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#40

Dibromomethane

Concen: 20.146 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

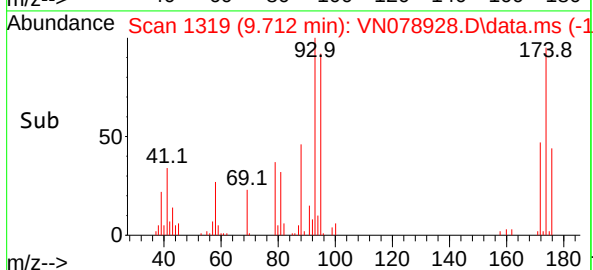
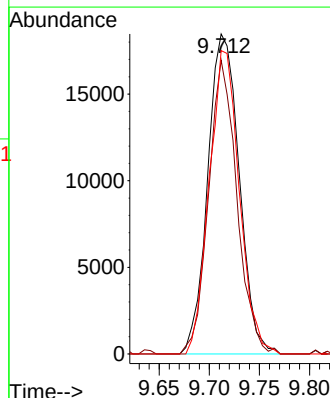
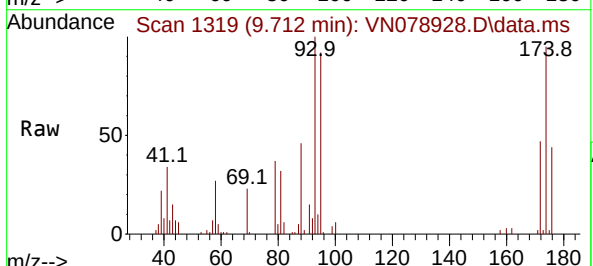
Tgt Ion: 93 Resp: 40323

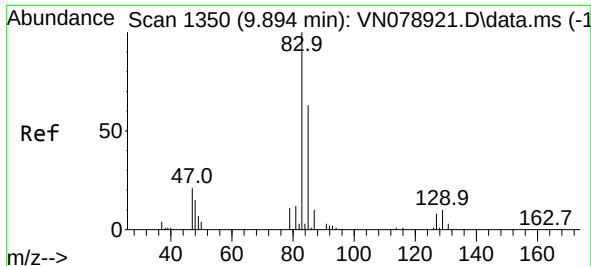
Ion Ratio Lower Upper

93 100

95 82.7 0.0 162.0

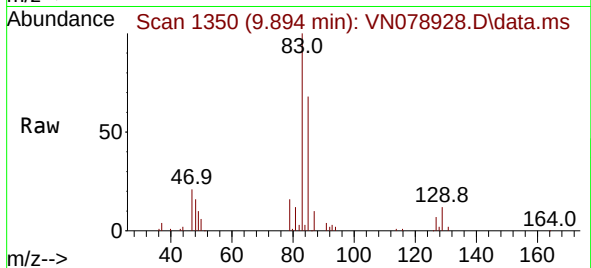
174 90.8 0.0 188.6





#41
Bromodichloromethane
Concen: 19.922 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

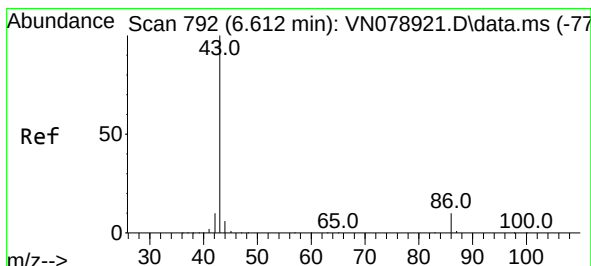
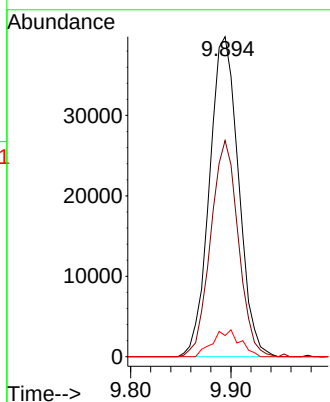
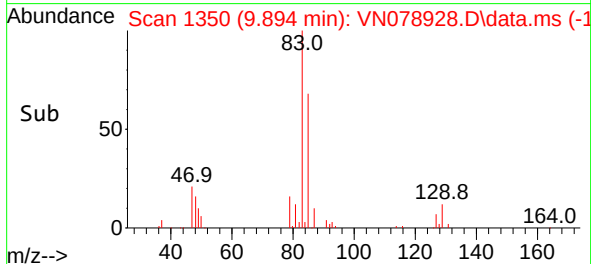
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01



Tgt Ion: 83 Resp: 80190
Ion Ratio Lower Upper
83 100
85 67.6 50.2 75.2
127 6.6 6.2 9.4

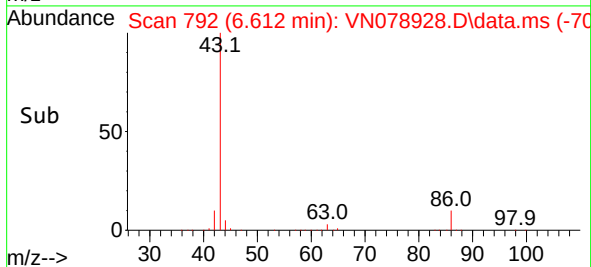
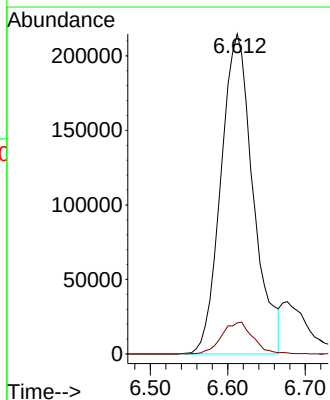
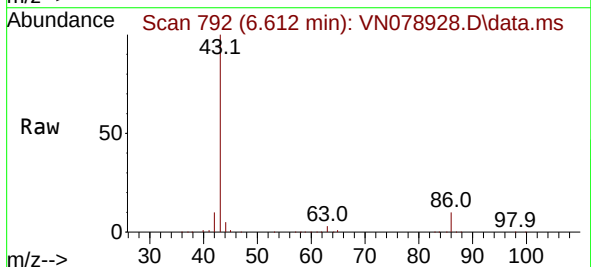
Manual Integrations
APPROVED

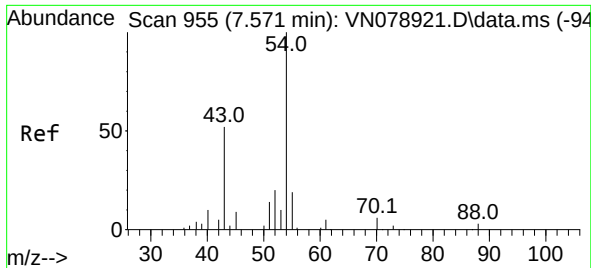
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#42
Vinyl Acetate
Concen: 102.057 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

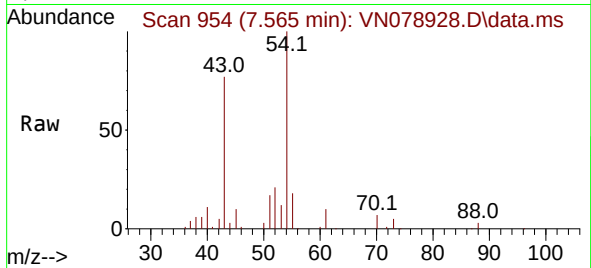
Tgt Ion: 43 Resp: 623112
Ion Ratio Lower Upper
43 100
86 9.5 7.4 11.0





#43
Ethyl Acetate
Concen: 20.814 ug/l
RT: 7.565 min Scan# 914
Delta R.T. -0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

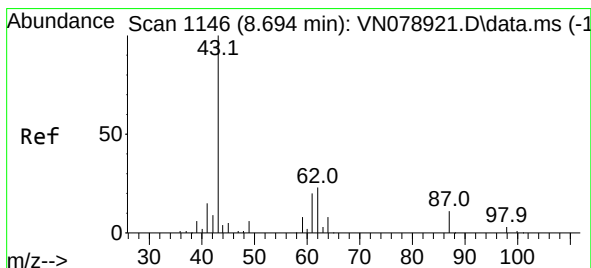
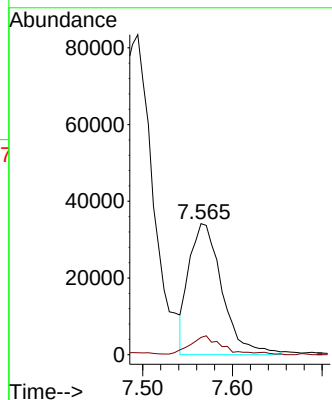
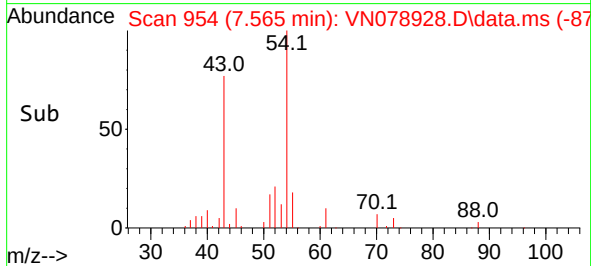
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01



Tgt Ion: 43 Resp: 8744
Ion Ratio Lower Upper
43 100
45 11.8 9.6 14.4

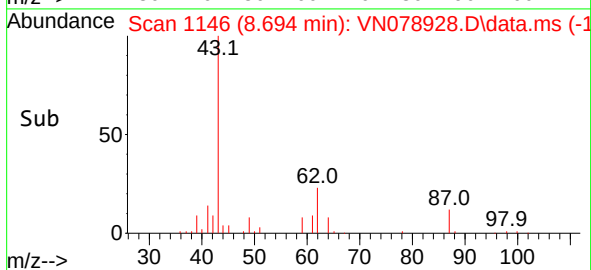
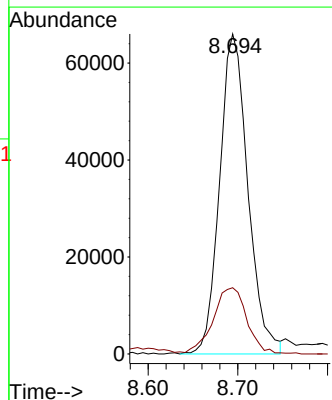
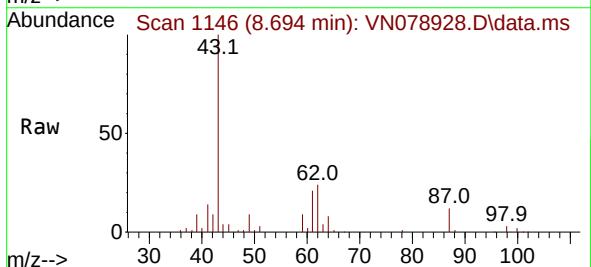
Manual Integrations
APPROVED

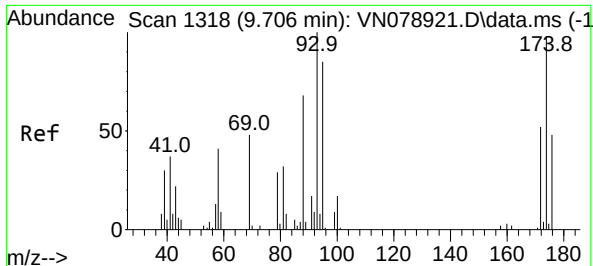
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#44
Isopropyl Acetate
Concen: 19.523 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

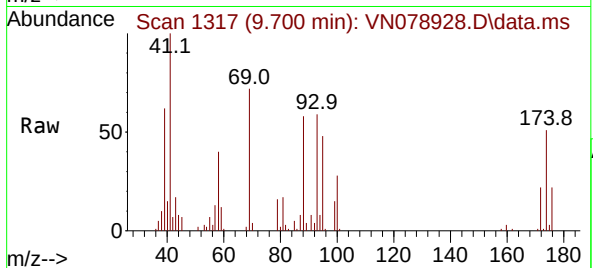
Tgt Ion: 43 Resp: 144523
Ion Ratio Lower Upper
43 100
61 24.0 19.0 28.4





#45
1,4-Dioxane
Concen: 435.848 ug/l
RT: 9.700 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

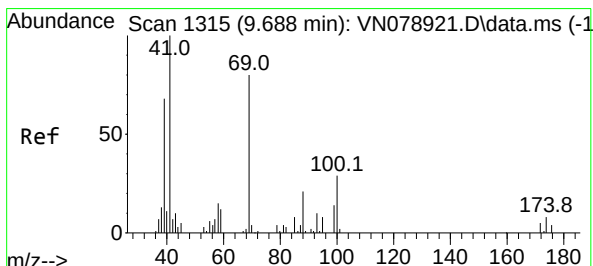
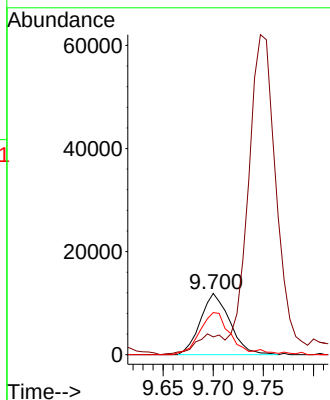
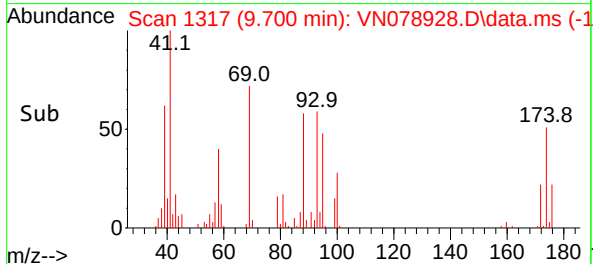
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01



Tgt Ion: 88 Resp: 24279
Ion Ratio Lower Upper
88 100
43 32.3 28.1 42.1
58 68.3 57.0 85.4

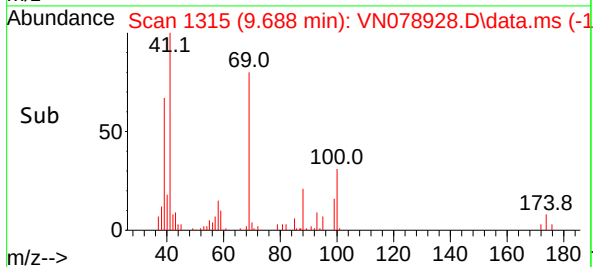
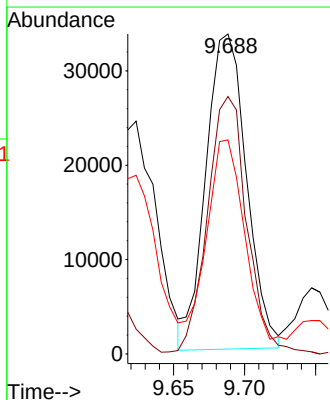
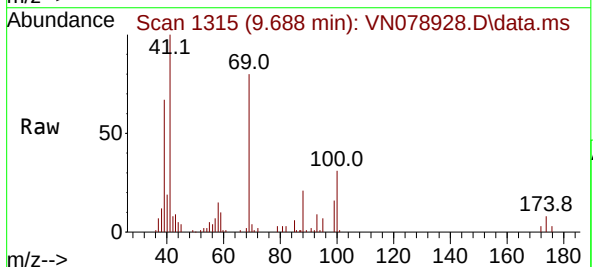
Manual Integrations
APPROVED

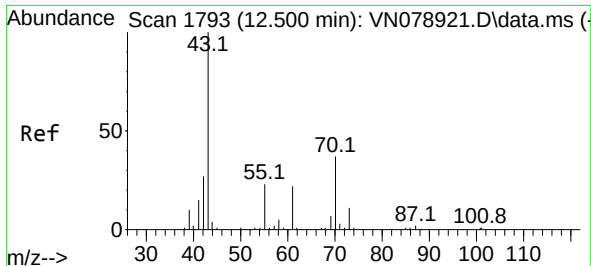
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#46
Methyl methacrylate
Concen: 20.391 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion: 41 Resp: 66506
Ion Ratio Lower Upper
41 100
69 84.2 38.5 115.5
39 65.2 35.9 107.8





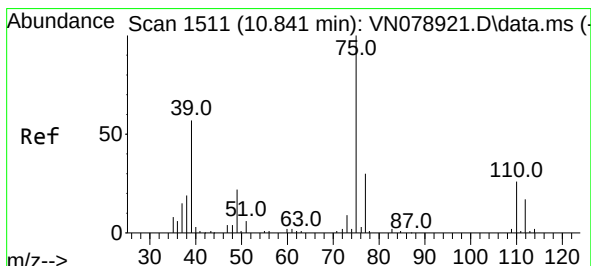
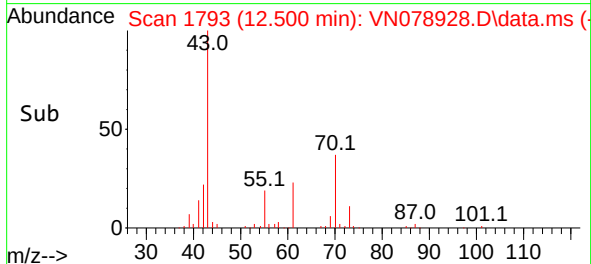
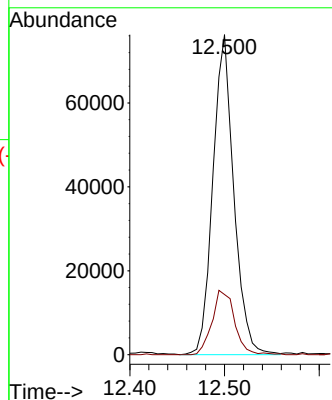
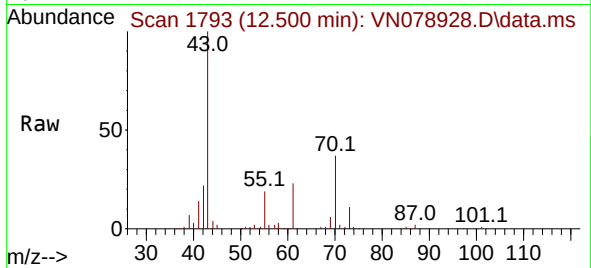
#47
n-amy1 Acetate
Concen: 20.571 ug/l
RT: 12.500 min Scan# 11685
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01

Tgt Ion: 43 Resp: 11685
Ion Ratio Lower Upper
43 100
55 21.3 17.5 26.3

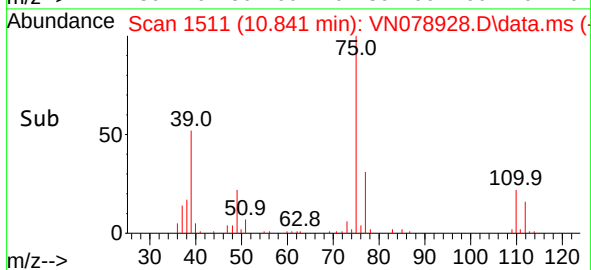
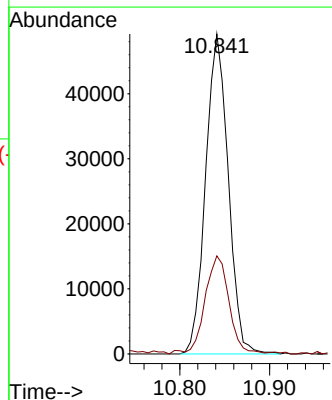
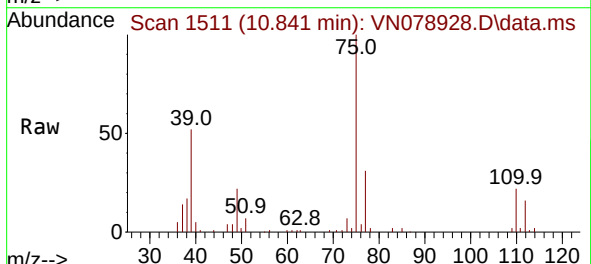
Manual Integrations
APPROVED

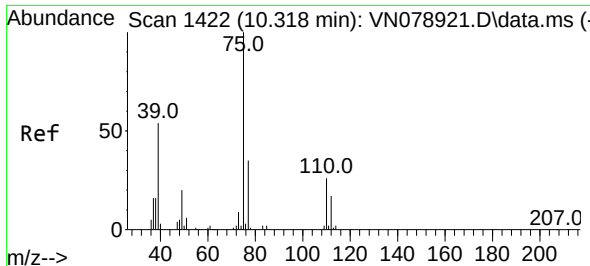
Reviewed By :John Carbone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#48
t-1,3-Dichloropropene
Concen: 20.101 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

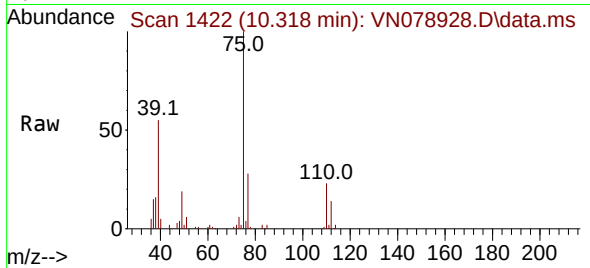
Tgt Ion: 75 Resp: 86174
Ion Ratio Lower Upper
75 100
77 30.3 23.7 35.5





#49
 cis-1,3-Dichloropropene
 Concen: 20.405 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN078928.D
 Acq: 17 Aug 2023 16:04

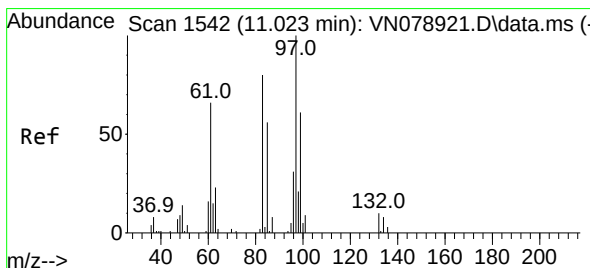
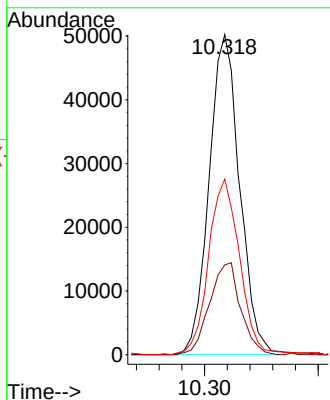
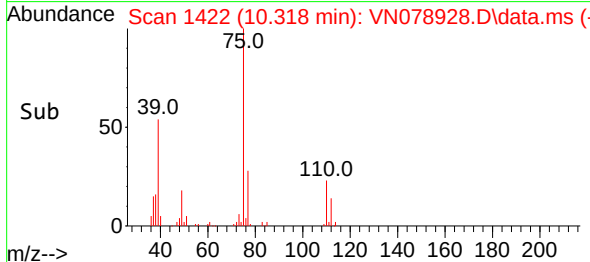
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBSD01



Tgt Ion: 75 Resp: 93799
 Ion Ratio Lower Upper
 75 100
 77 28.1 27.8 41.8
 39 54.2 43.5 65.3

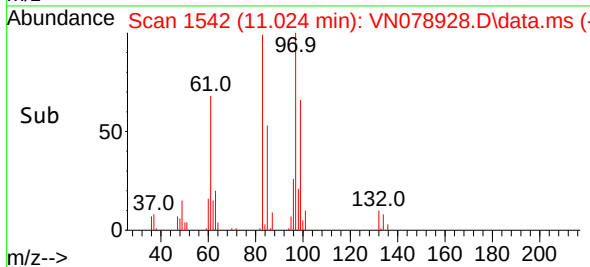
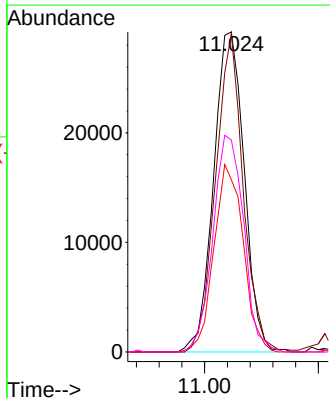
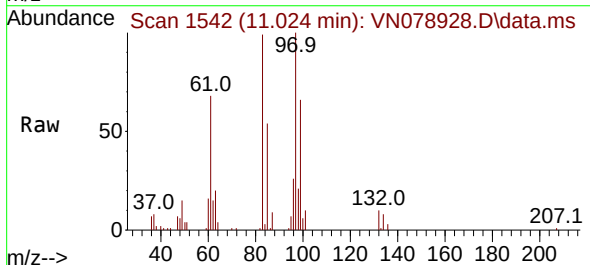
Manual Integrations
 APPROVED

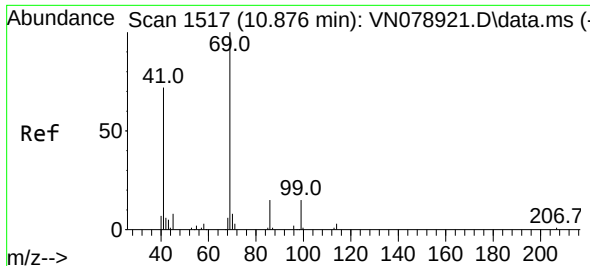
Reviewed By :John Carlone 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023



#50
 1,1,2-Trichloroethane
 Concen: 20.192 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. 0.000 min
 Lab File: VN078928.D
 Acq: 17 Aug 2023 16:04

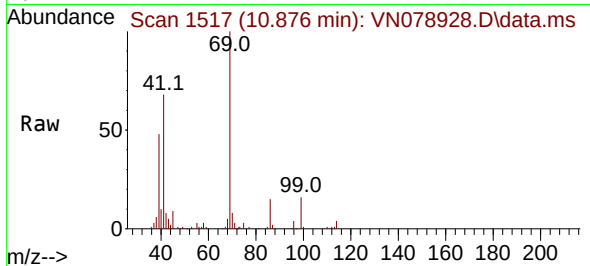
Tgt Ion: 97 Resp: 54616
 Ion Ratio Lower Upper
 97 100
 83 99.5 63.7 95.5#
 85 53.9 44.9 67.3
 99 66.2 49.0 73.4





#51
Ethyl methacrylate
Concen: 20.621 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

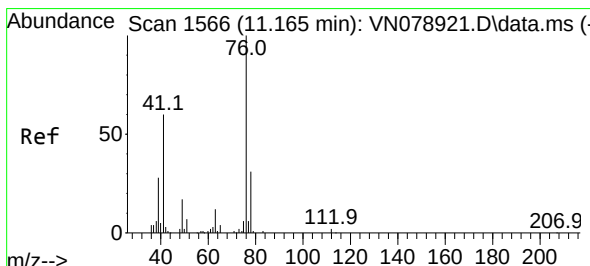
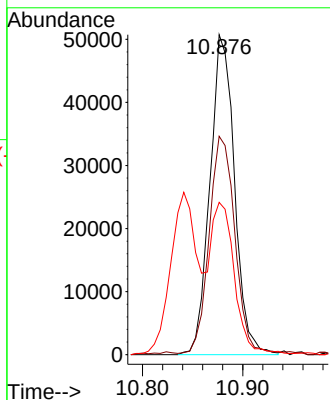
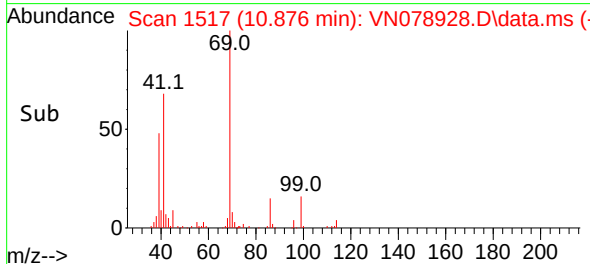
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01



Tgt Ion: 69 Resp: 8632
Ion Ratio Lower Upper
69 100
41 67.8 35.9 107.8
39 46.6 23.5 70.5

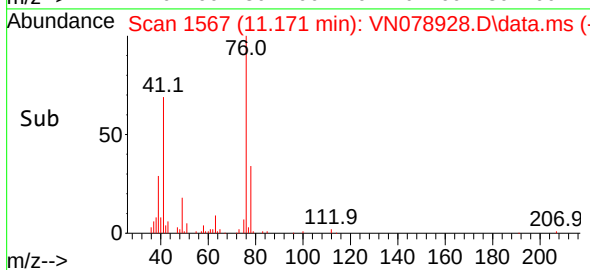
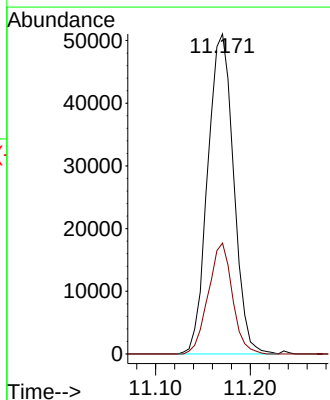
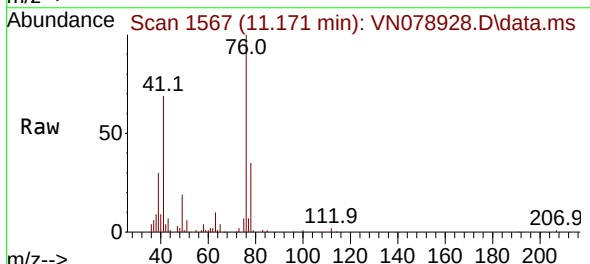
Manual Integrations
APPROVED

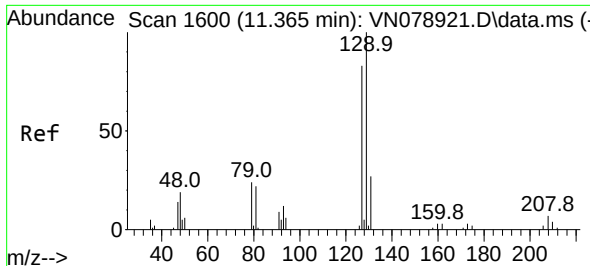
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#52
1,3-Dichloropropane
Concen: 20.074 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

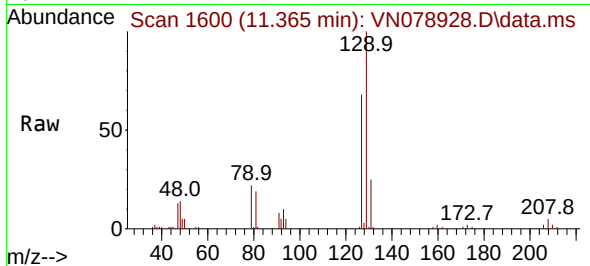
Tgt Ion: 76 Resp: 97251
Ion Ratio Lower Upper
76 100
78 32.2 0.0 64.6





#53
Dibromochloromethane
Concen: 20.464 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

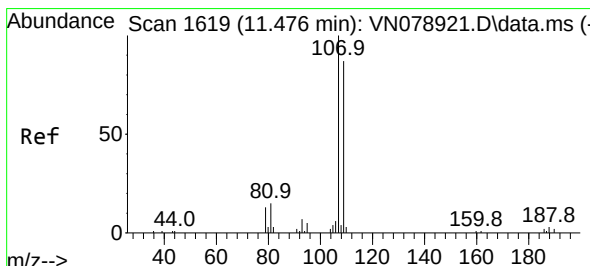
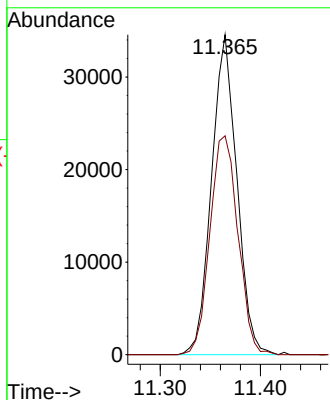
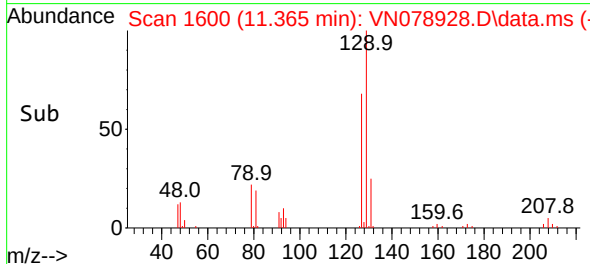
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01



Tgt Ion:129 Resp: 60580
Ion Ratio Lower Upper
129 100
127 75.8 40.1 120.2

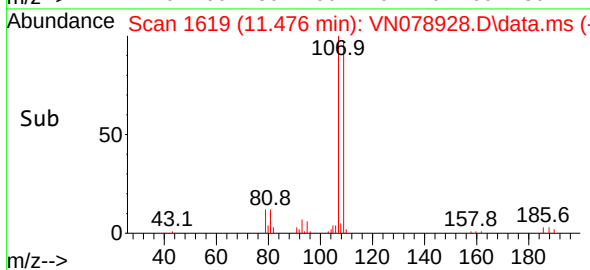
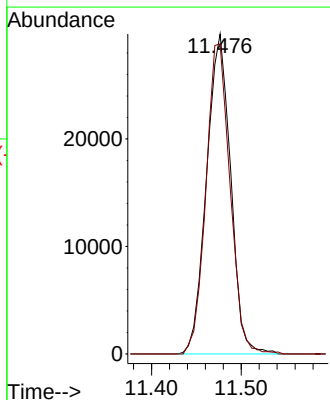
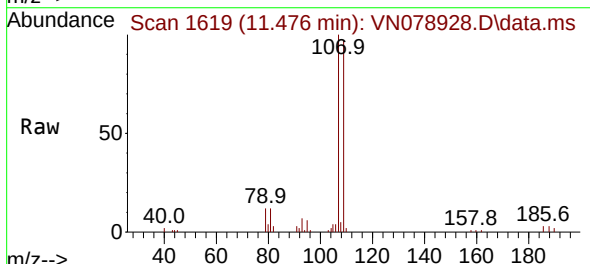
Manual Integrations
APPROVED

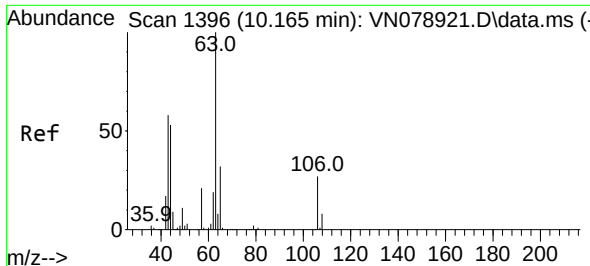
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#54
1,2-Dibromoethane
Concen: 19.956 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion:107 Resp: 55415
Ion Ratio Lower Upper
107 100
109 97.1 71.7 107.5





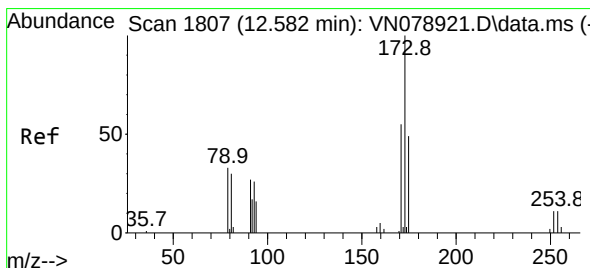
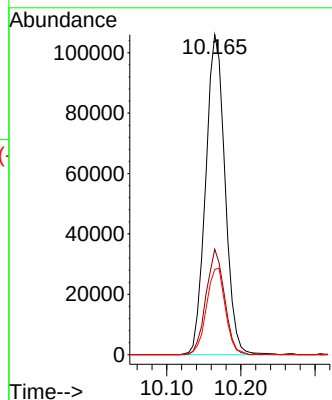
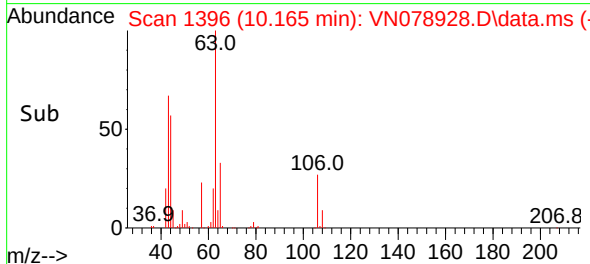
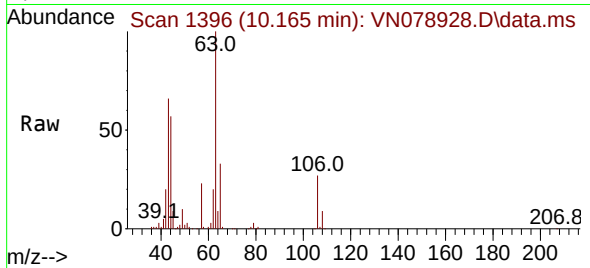
#55
2-Chloroethyl vinyl ether
Concen: 99.129 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01

Tgt Ion: 63 Resp: 19181
Ion Ratio Lower Upper
63 100
65 31.4 25.4 38.2
106 26.6 22.3 33.5

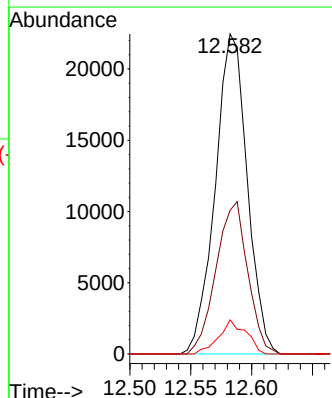
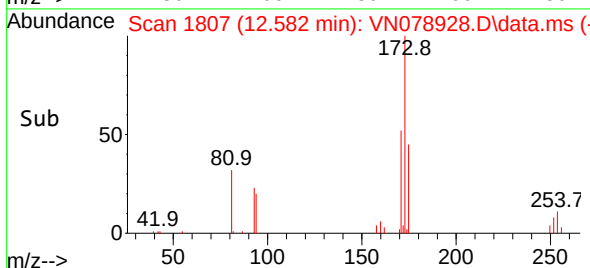
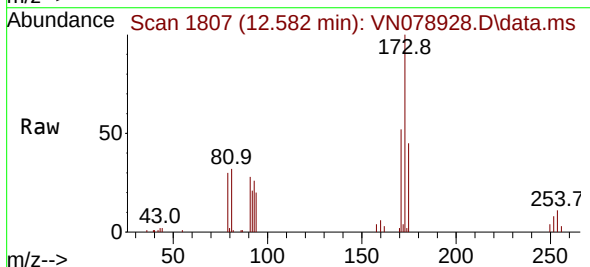
Manual Integrations
APPROVED

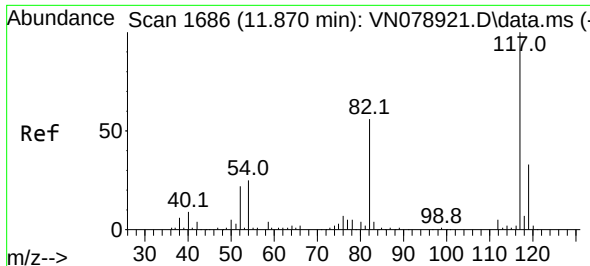
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#56
Bromoform
Concen: 19.661 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

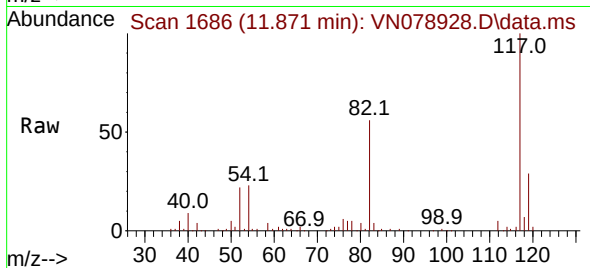
Tgt Ion:173 Resp: 41066
Ion Ratio Lower Upper
173 100
175 47.0 38.8 58.2
254 9.0 7.6 11.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

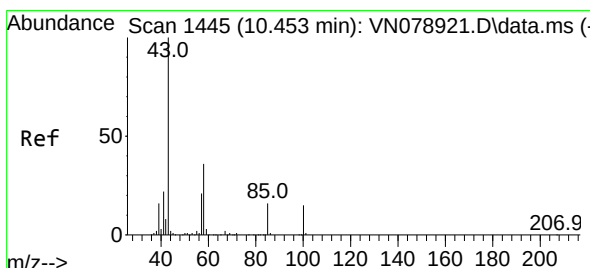
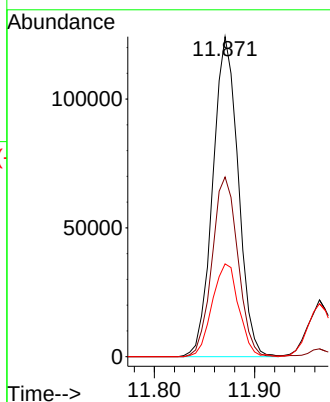
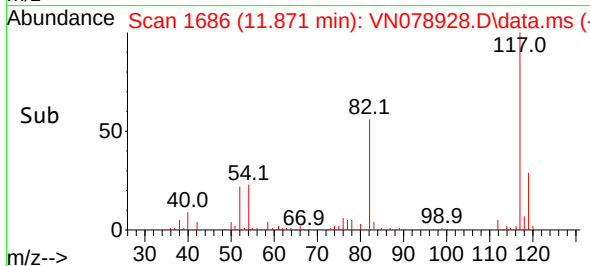
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01



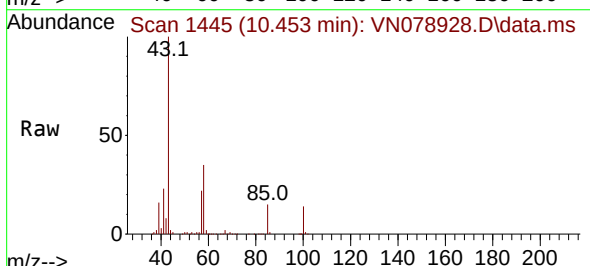
Tgt Ion:117 Resp: 218579
Ion Ratio Lower Upper
117 100
82 57.0 43.4 65.0
119 30.4 25.5 38.3

Manual Integrations
APPROVED

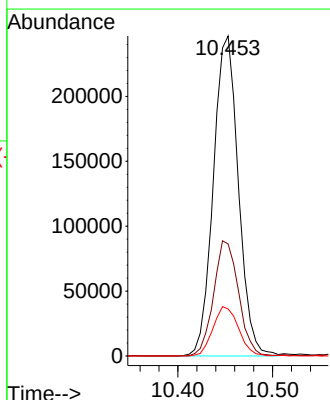
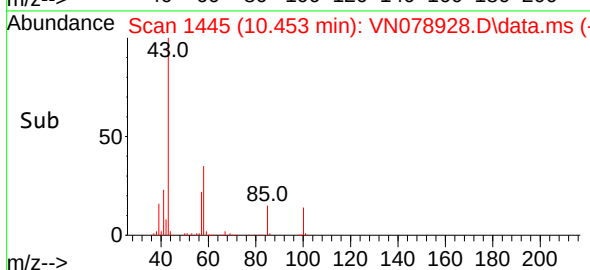
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

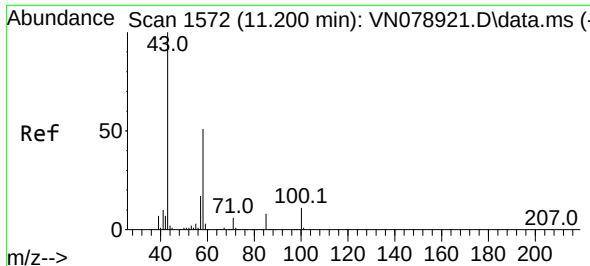


#58
4-Methyl-2-Pentanone
Concen: 104.573 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04



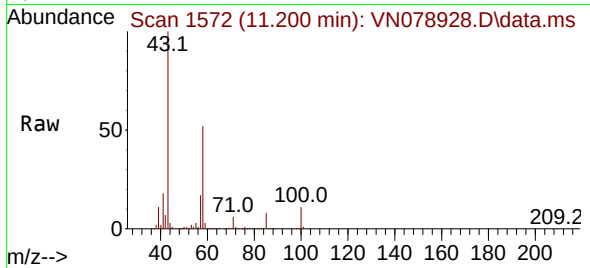
Tgt Ion: 43 Resp: 453492
Ion Ratio Lower Upper
43 100
58 35.8 28.8 43.2
85 15.7 12.7 19.1





#59
2-Hexanone
Concen: 101.999 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

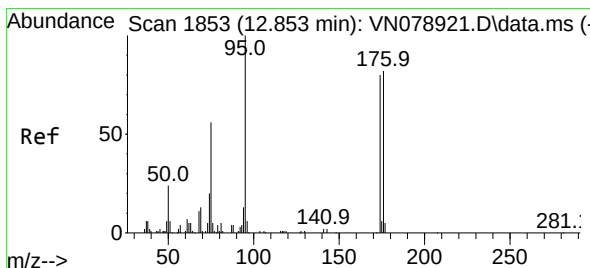
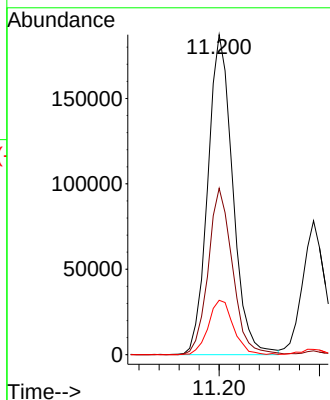
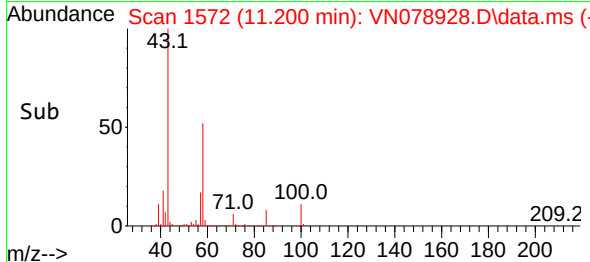
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01



Tgt Ion: 43 Resp: 324086
Ion Ratio Lower Upper
43 100
58 50.6 40.6 60.8
57 17.0 13.6 20.4

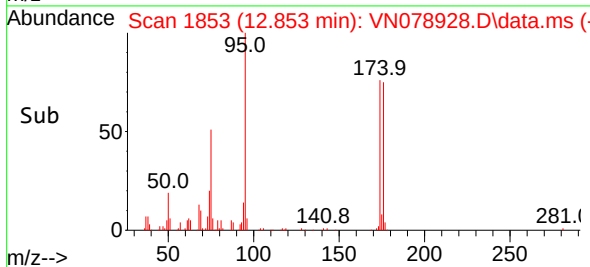
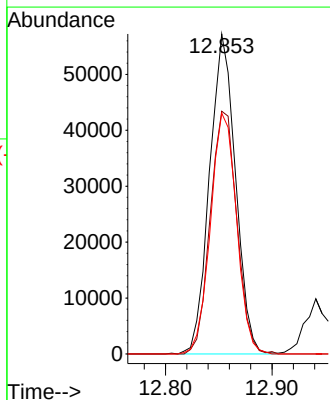
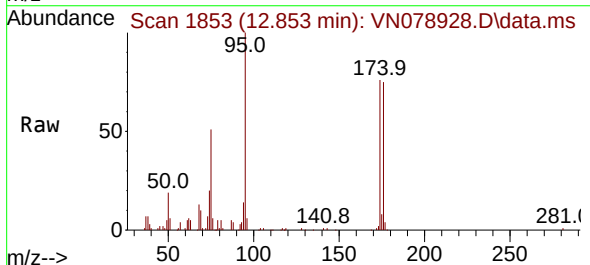
Manual Integrations
APPROVED

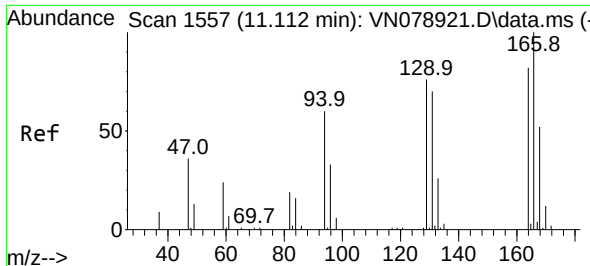
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#60
4-Bromofluorobenzene
Concen: 30.349 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

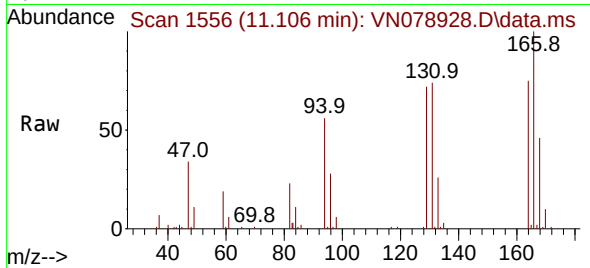
Tgt Ion: 95 Resp: 96763
Ion Ratio Lower Upper
95 100
174 77.5 64.8 97.2
176 75.4 63.0 94.6





#61
Tetrachloroethene
Concen: 19.248 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

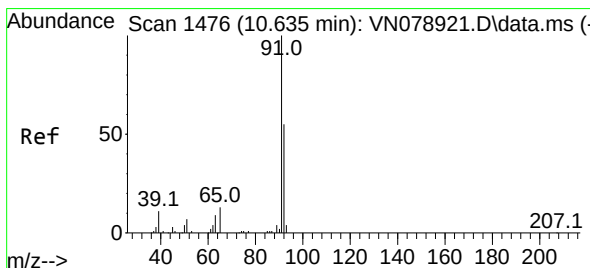
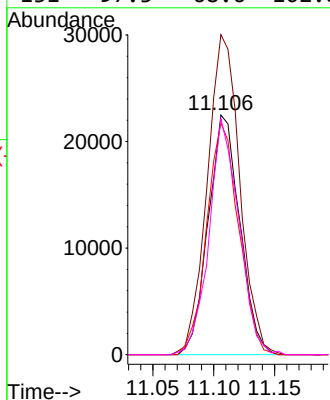
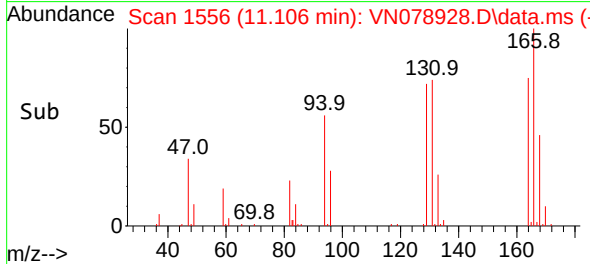
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01



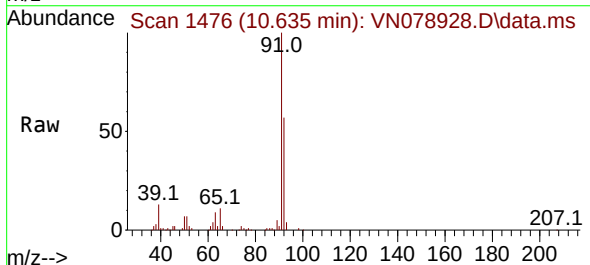
Tgt Ion:164 Resp: 40735
Ion Ratio Lower Upper
164 100
166 132.8 97.6 146.4
129 96.7 74.1 111.1
131 97.3 68.6 102.8

Manual Integrations
APPROVED

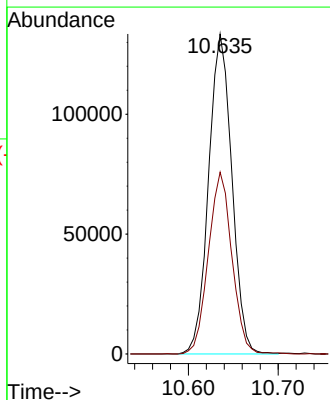
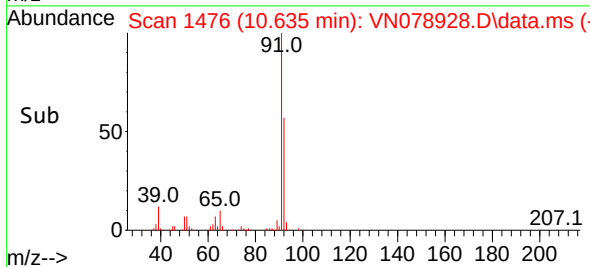
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

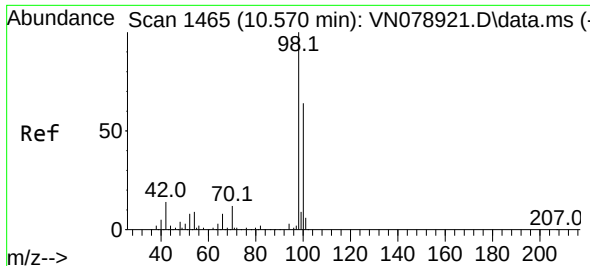


#62
Toluene
Concen: 20.145 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04



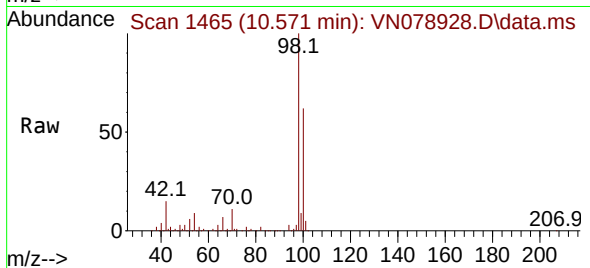
Tgt Ion: 91 Resp: 240394
Ion Ratio Lower Upper
91 100
92 57.4 44.7 67.1





#63
Toluene-d8
Concen: 30.232 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

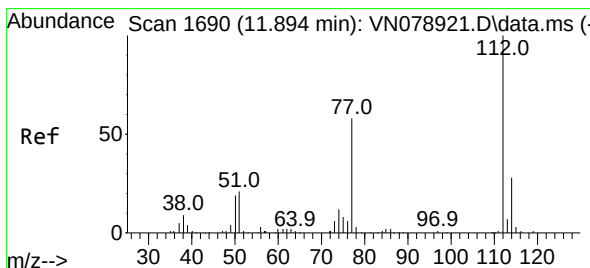
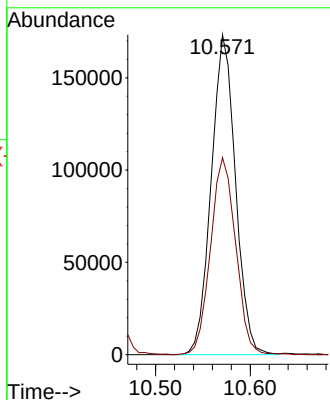
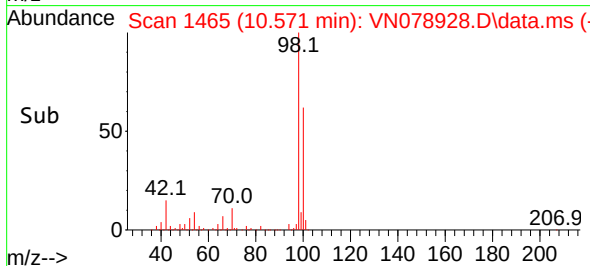
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01



Tgt Ion: 98 Resp: 308589
Ion Ratio Lower Upper
98 100
100 63.7 51.1 76.7

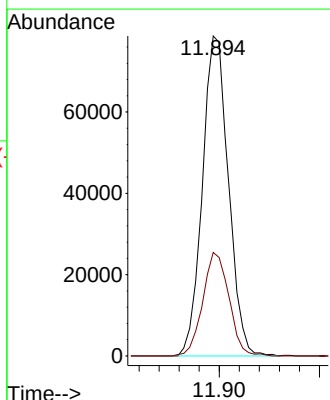
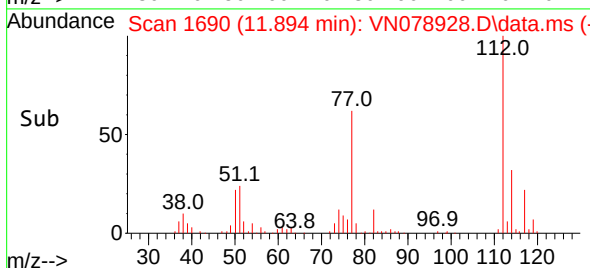
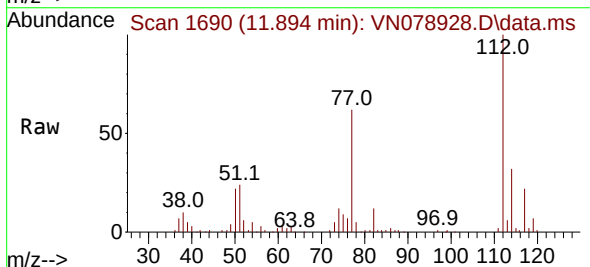
Manual Integrations
APPROVED

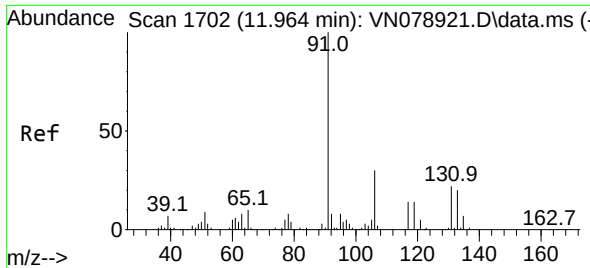
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#64
Chlorobenzene
Concen: 19.813 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

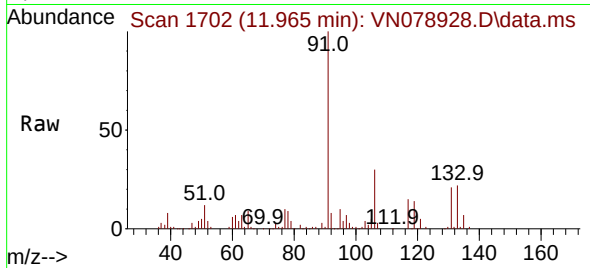
Tgt Ion:112 Resp: 142156
Ion Ratio Lower Upper
112 100
114 32.3 22.4 33.6





#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.695 ug/l
 RT: 11.965 min Scan# 1703
 Delta R.T. 0.000 min
 Lab File: VN078928.D
 Acq: 17 Aug 2023 16:04

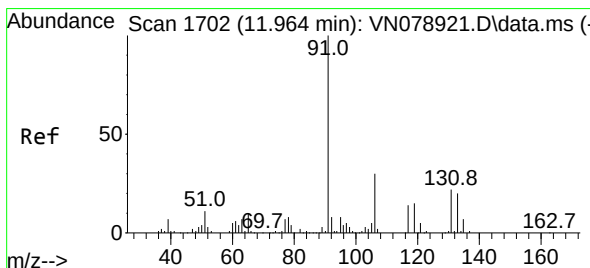
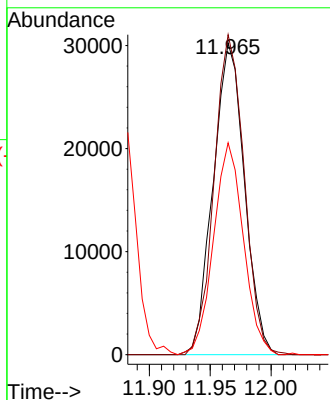
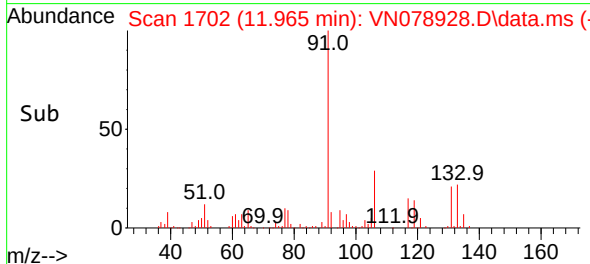
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBSD01



Tgt Ion:131 Resp: 5403
 Ion Ratio Lower Upper
 131 100
 133 98.7 0.0 184.8
 119 64.9 0.0 133.4

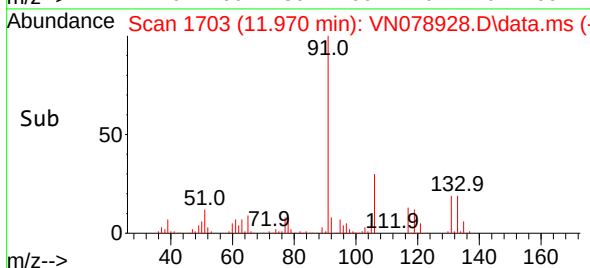
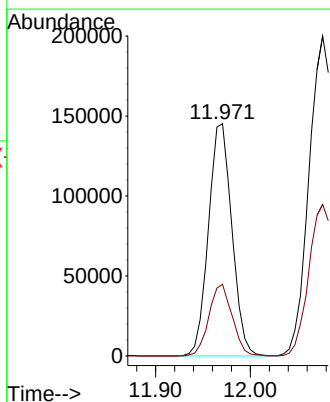
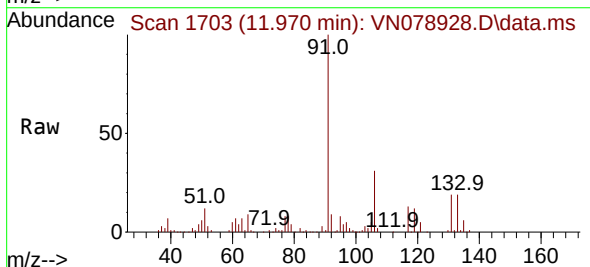
Manual Integrations
 APPROVED

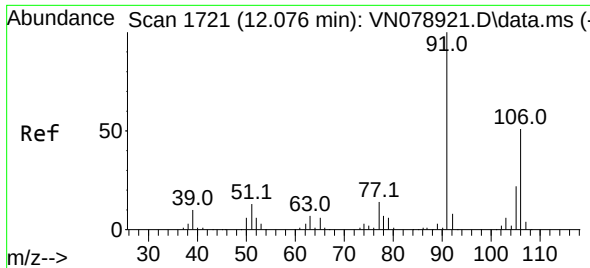
Reviewed By :John Carlone 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023



#66
 Ethyl Benzene
 Concen: 20.042 ug/l
 RT: 11.970 min Scan# 1703
 Delta R.T. 0.006 min
 Lab File: VN078928.D
 Acq: 17 Aug 2023 16:04

Tgt Ion: 91 Resp: 250173
 Ion Ratio Lower Upper
 91 100
 106 30.9 24.1 36.1





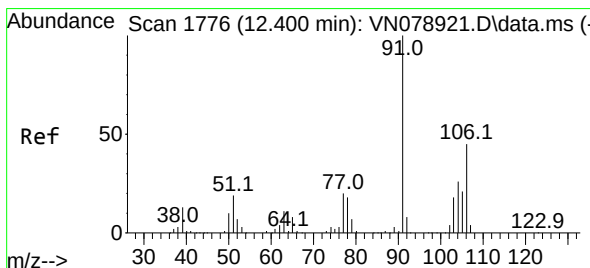
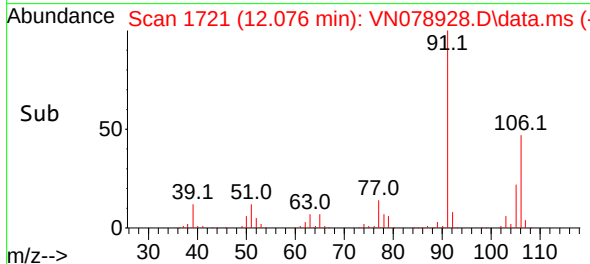
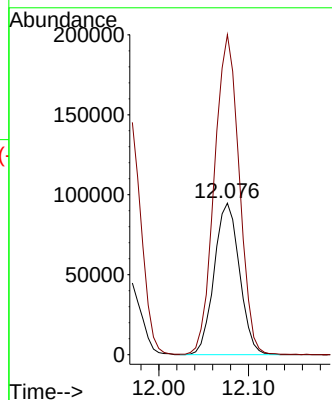
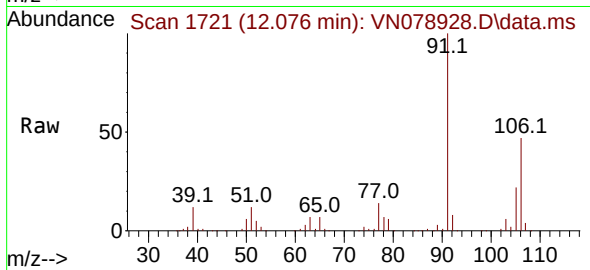
#67
m/p-Xylenes
Concen: 39.817 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01

Tgt Ion:106 Resp: 185309
Ion Ratio Lower Upper
106 100
91 207.8 161.2 241.8

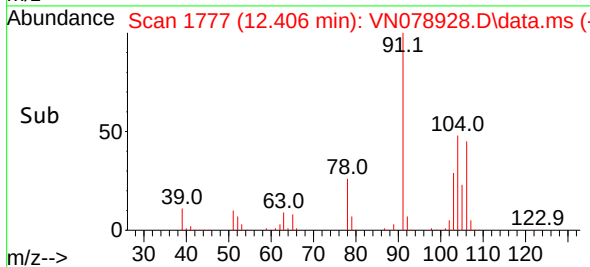
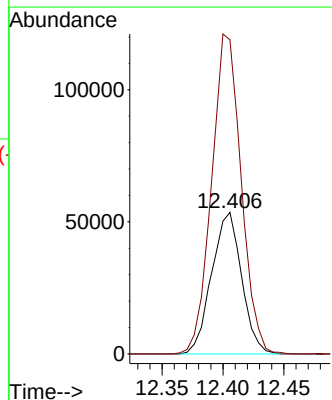
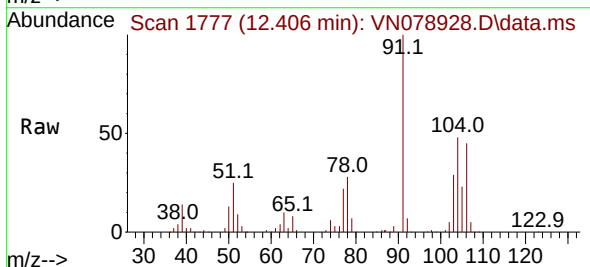
Manual Integrations
APPROVED

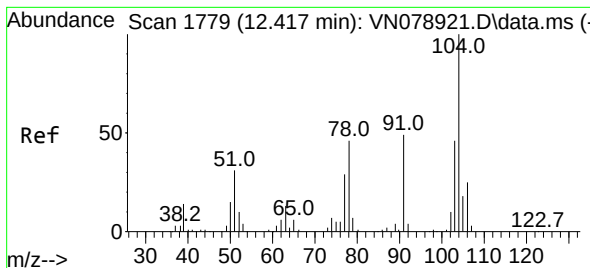
Reviewed By :John Carbone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#68
o-Xylene
Concen: 19.986 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion:106 Resp: 91711
Ion Ratio Lower Upper
106 100
91 223.2 109.0 327.0





#69

Styrene

Concen: 20.114 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBSD01

Tgt Ion:104 Resp: 14998

Ion Ratio Lower Upper

104 100

78 50.9 40.2 60.4

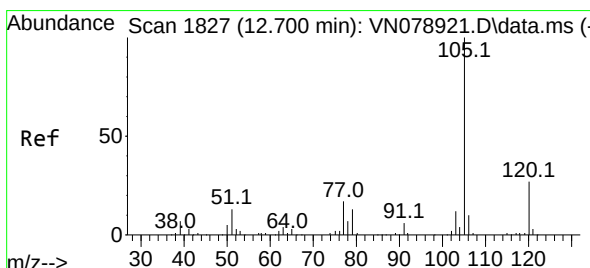
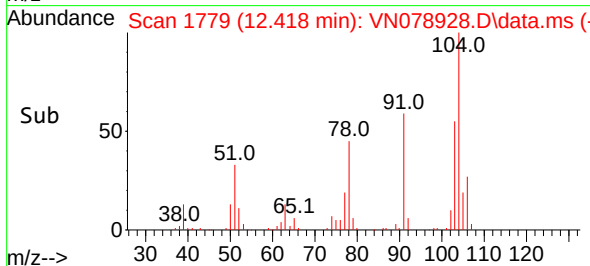
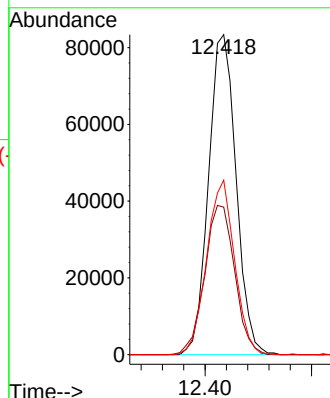
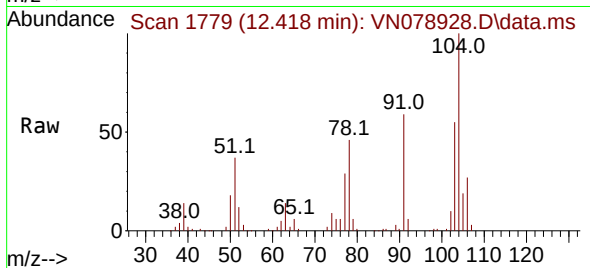
103 55.2 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#70

Isopropylbenzene

Concen: 20.089 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN078928.D

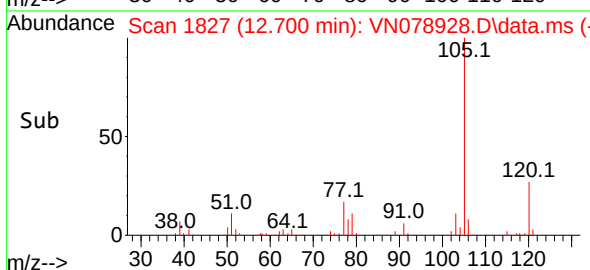
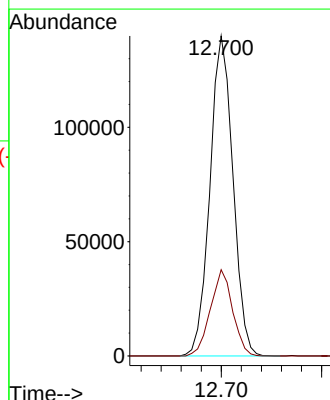
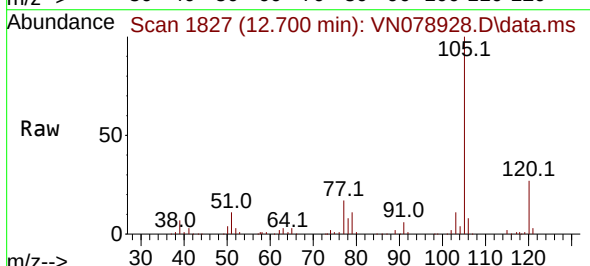
Acq: 17 Aug 2023 16:04

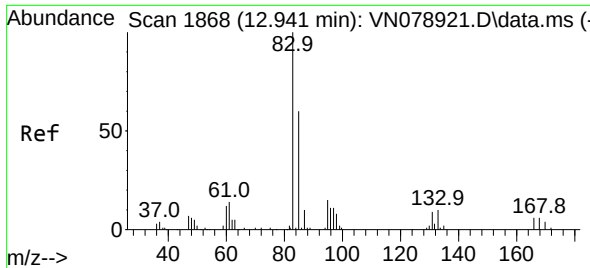
Tgt Ion:105 Resp: 223364

Ion Ratio Lower Upper

105 100

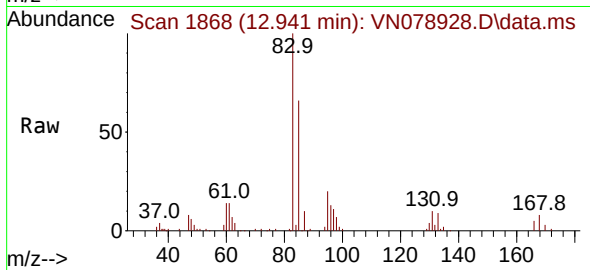
120 26.0 19.1 35.5





#71
1,1,2,2-Tetrachloroethane
Concen: 20.027 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

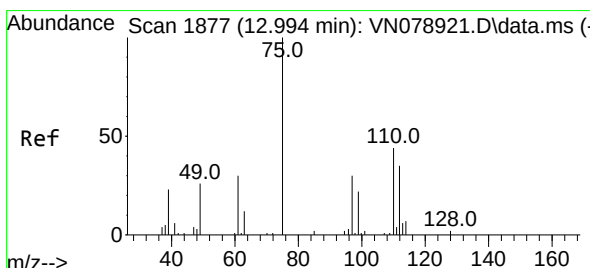
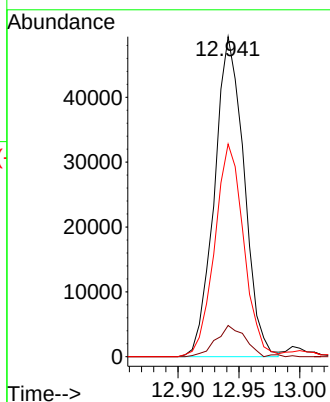
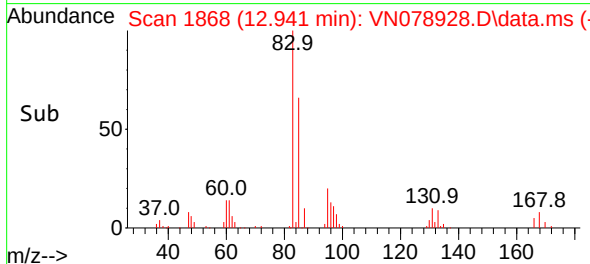
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01



Tgt Ion: 83 Resp: 83470
Ion Ratio Lower Upper
83 100
131 9.5 4.7 14.0
85 65.2 31.9 95.7

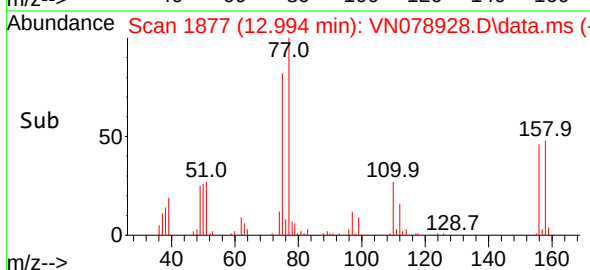
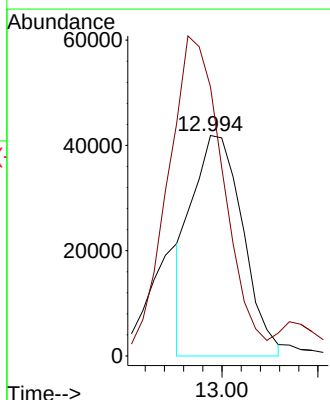
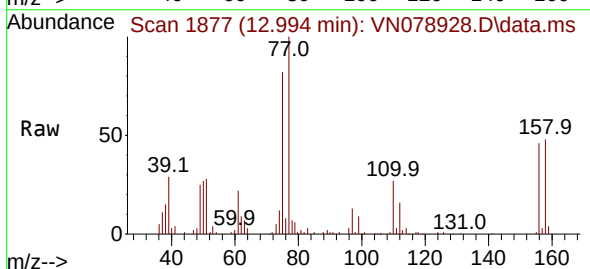
Manual Integrations
APPROVED

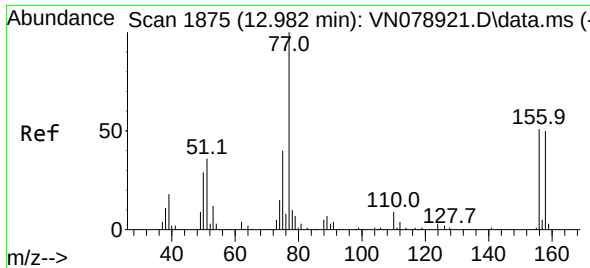
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#72
1,2,3-Trichloropropane
Concen: 22.631 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

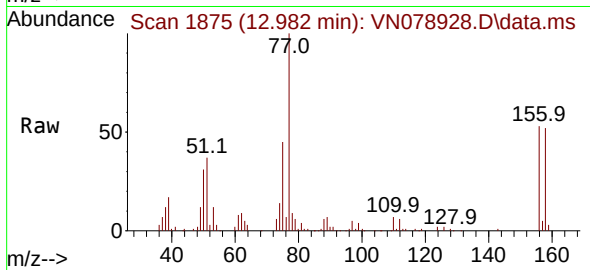
Tgt Ion: 75 Resp: 77385
Ion Ratio Lower Upper
75 100
77 158.6 0.0 367.4





#73
Bromobenzene
Concen: 19.947 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

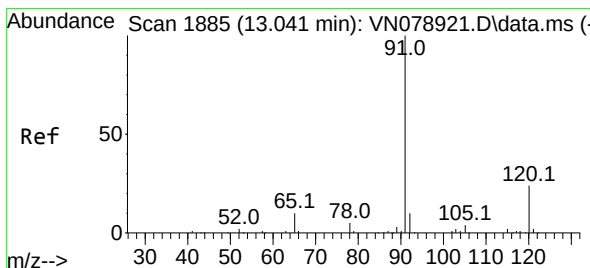
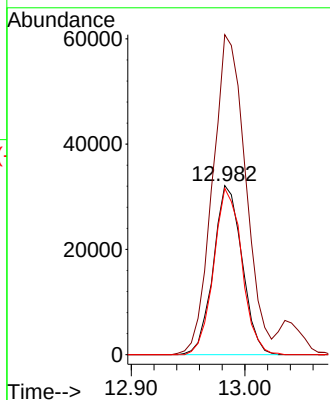
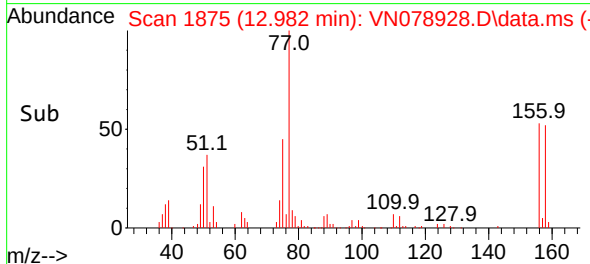
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01



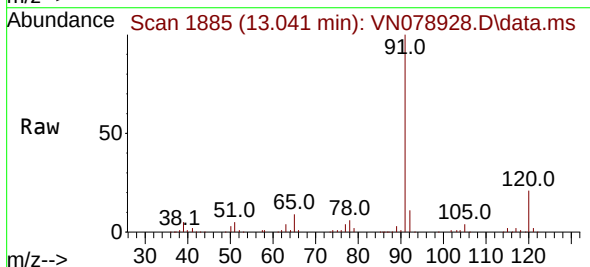
Tgt Ion:156 Resp: 56462
Ion Ratio Lower Upper
156 100
77 217.4 0.0 431.0
158 96.5 0.0 196.8

Manual Integrations
APPROVED

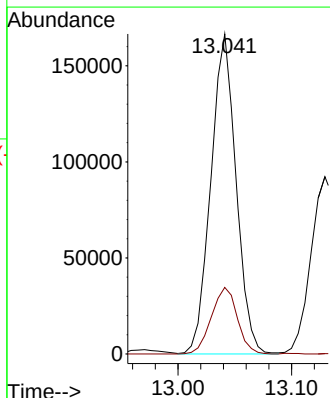
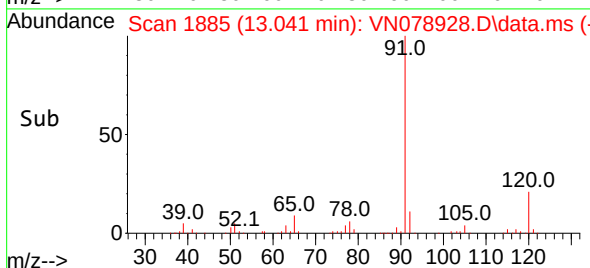
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

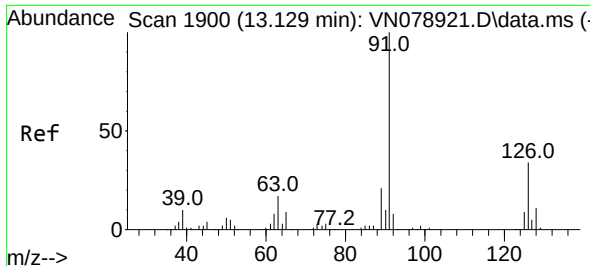


#74
n-propylbenzene
Concen: 20.441 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04



Tgt Ion: 91 Resp: 257575
Ion Ratio Lower Upper
91 100
120 21.3 0.0 44.4





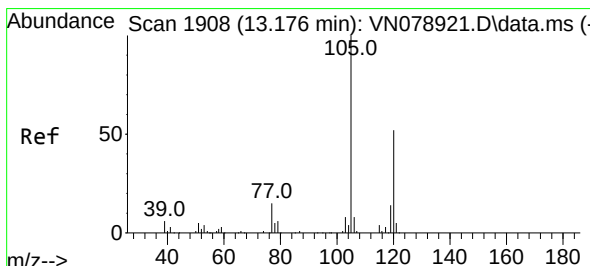
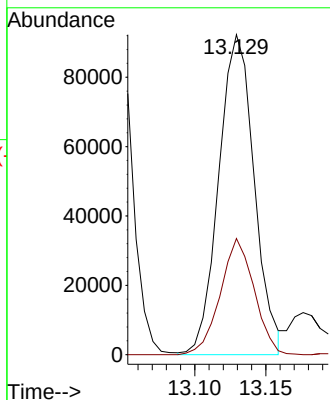
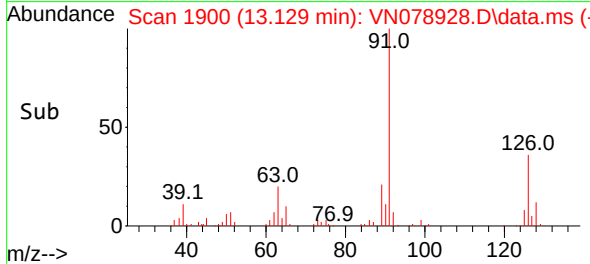
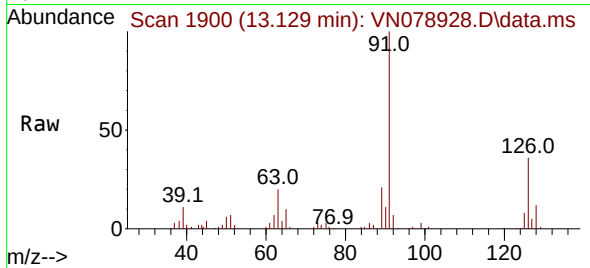
#75
2-Chlorotoluene
Concen: 20.042 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01

Tgt Ion: 91 Resp: 16022
Ion Ratio Lower Upper
91 100
126 34.6 0.0 67.2

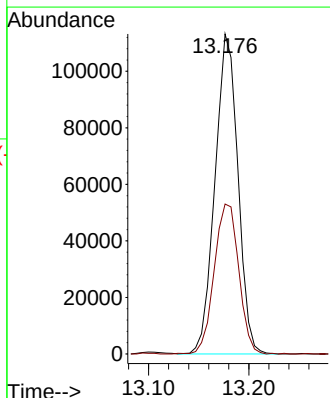
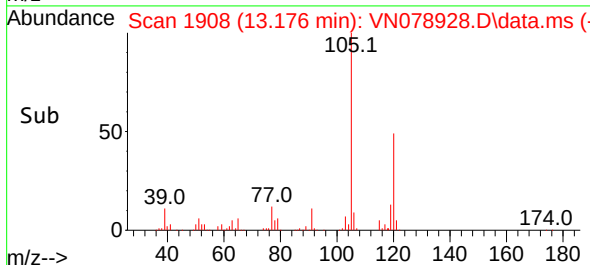
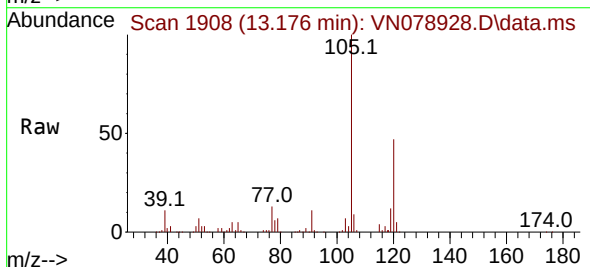
Manual Integrations
APPROVED

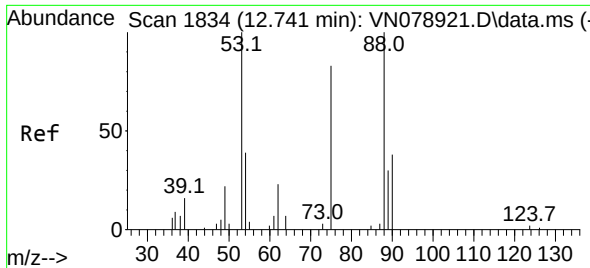
Reviewed By :John Carbone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.395 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

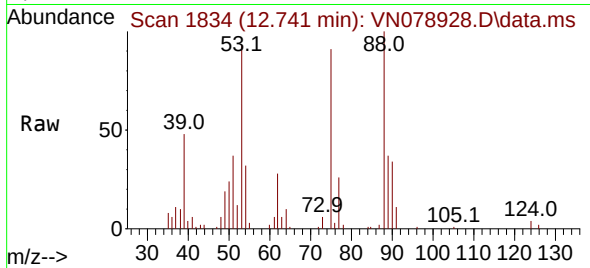
Tgt Ion:105 Resp: 179764
Ion Ratio Lower Upper
105 100
120 50.0 0.0 98.8





#77
t-1,4-Dichloro-2-butene
Concen: 20.331 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

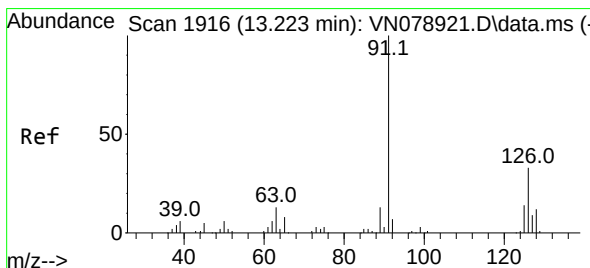
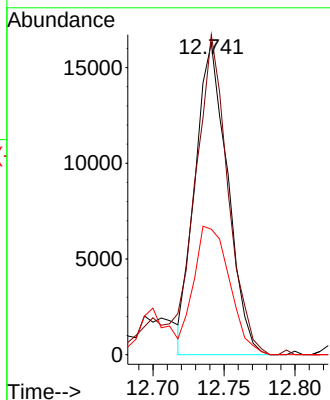
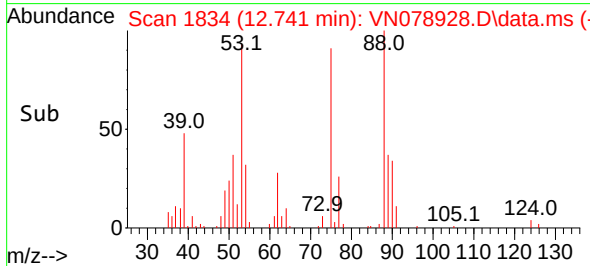
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01



Tgt Ion: 75 Resp: 2583
Ion Ratio Lower Upper
75 100
53 102.7 60.1 180.3
89 40.3 22.9 68.8

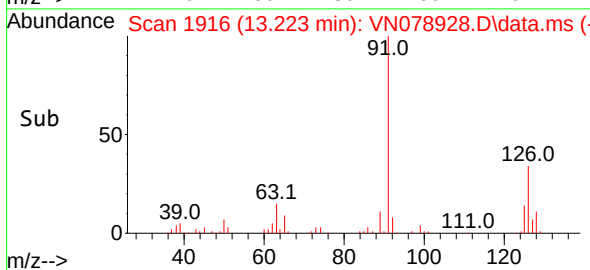
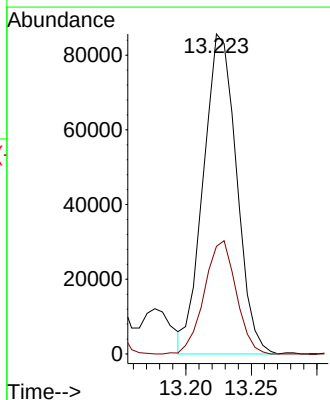
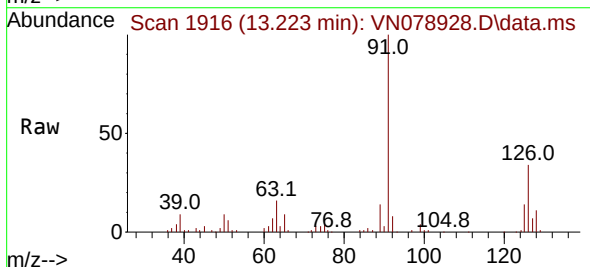
Manual Integrations
APPROVED

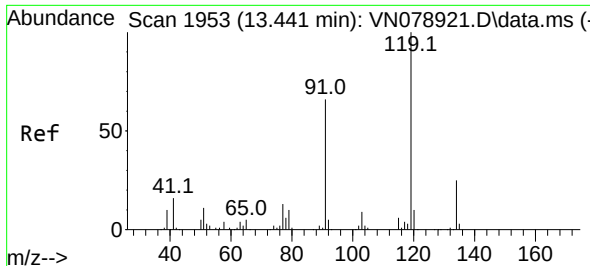
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#78
4-Chlorotoluene
Concen: 19.701 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion: 91 Resp: 150880
Ion Ratio Lower Upper
91 100
126 33.8 0.0 67.4





#79

tert-butylbenzene

Concen: 19.975 ug/l

RT: 13.447 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBSD01

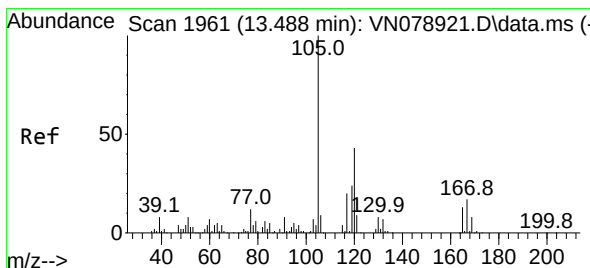
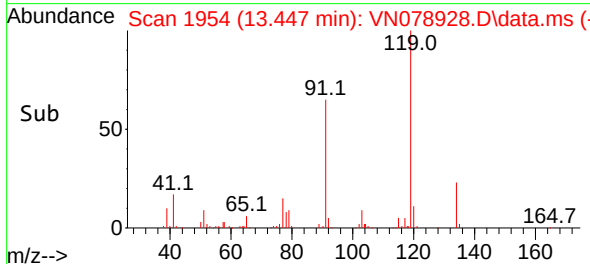
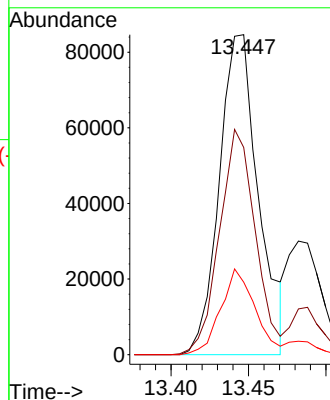
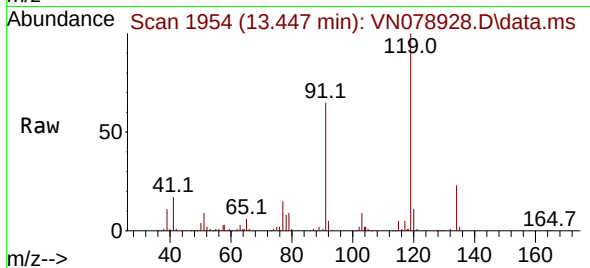
Tgt Ion:	119	Resp:	14877
Ion Ratio	Lower	Upper	
119	100		
91	64.6	0.0	135.6
134	23.5	0.0	51.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#80

1,2,4-Trimethylbenzene

Concen: 20.492 ug/l

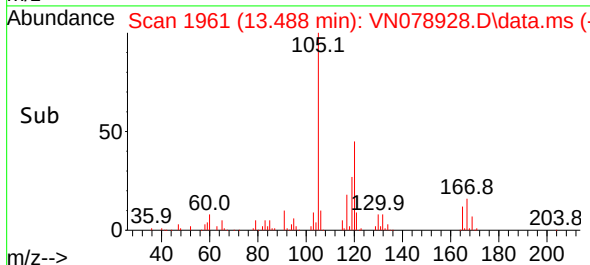
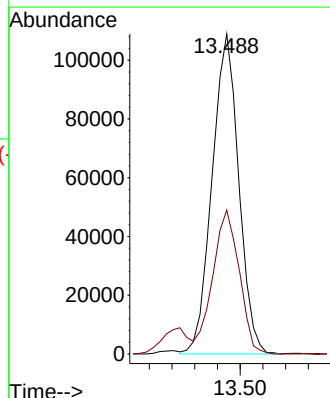
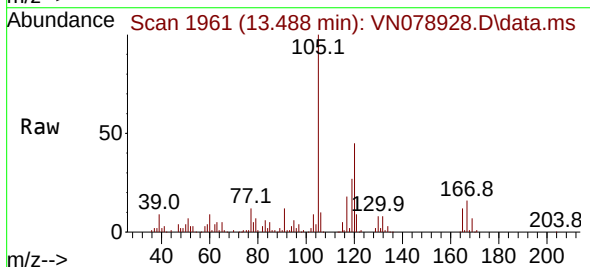
RT: 13.488 min Scan# 1961

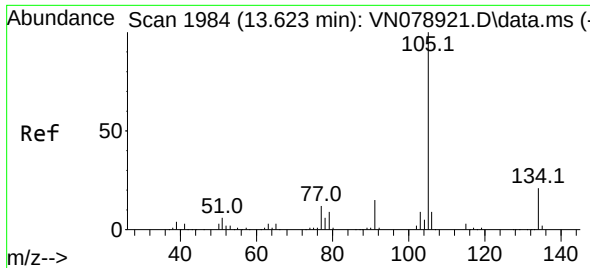
Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

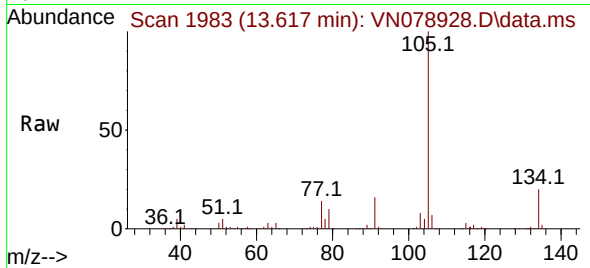
Tgt Ion:	105	Resp:	177601
Ion Ratio	Lower	Upper	
105	100		
120	44.7	0.0	91.6





#81
 sec-Butylbenzene
 Concen: 20.027 ug/l
 RT: 13.617 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN078928.D
 Acq: 17 Aug 2023 16:04

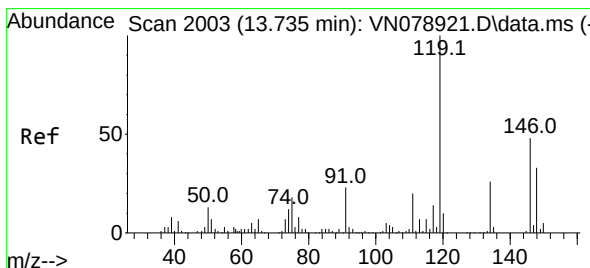
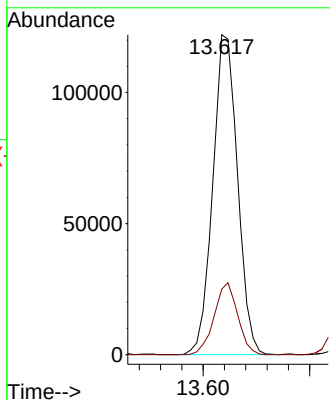
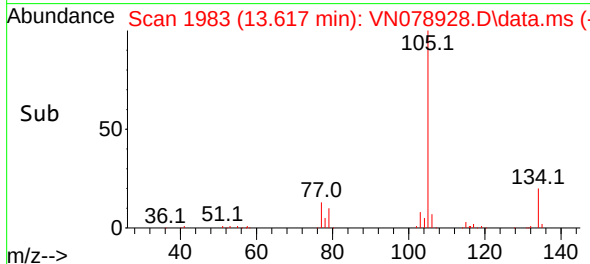
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBSD01



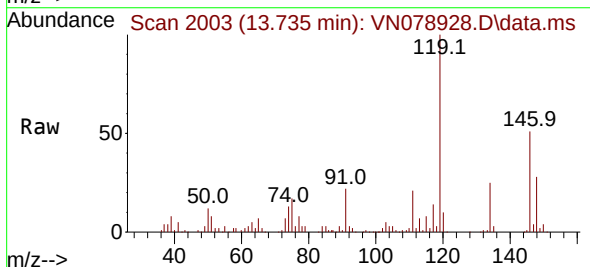
Tgt Ion:105 Resp: 196850
 Ion Ratio Lower Upper
 105 100
 134 21.4 0.0 41.6

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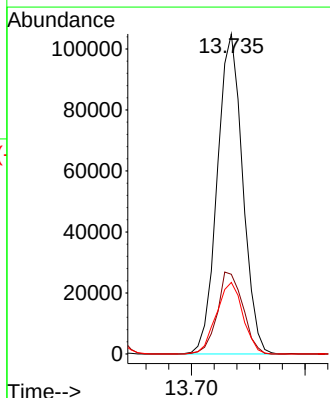
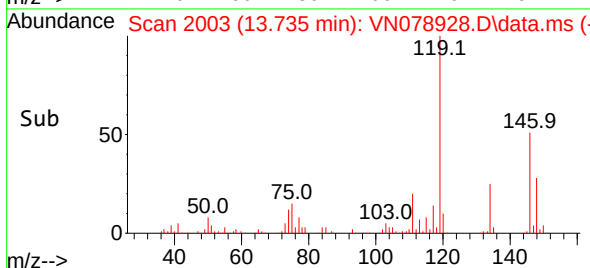
Reviewed By :John Carlone 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023

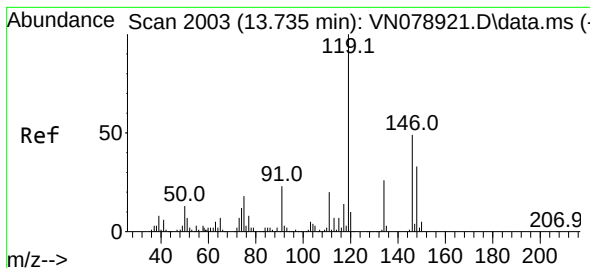


#82
 p-Isopropyltoluene
 Concen: 20.320 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078928.D
 Acq: 17 Aug 2023 16:04



Tgt Ion:119 Resp: 163076
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.4
 91 23.4 0.0 47.4





#83

1,3-Dichlorobenzene

Concen: 20.327 ug/l

RT: 13.741 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBSD01

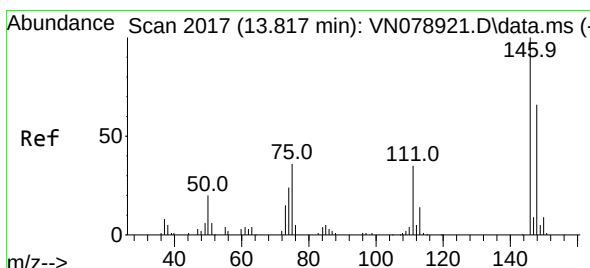
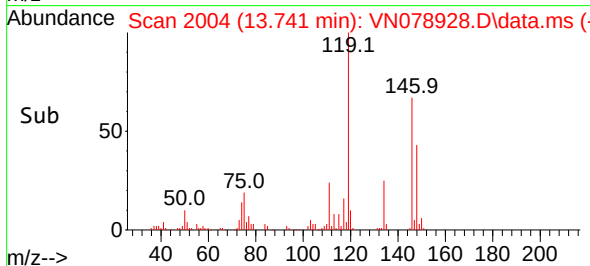
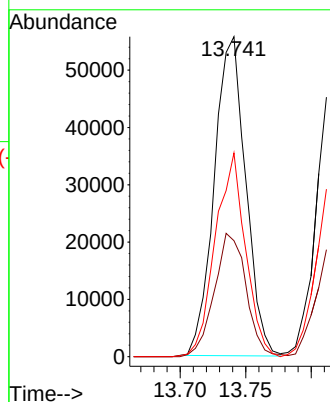
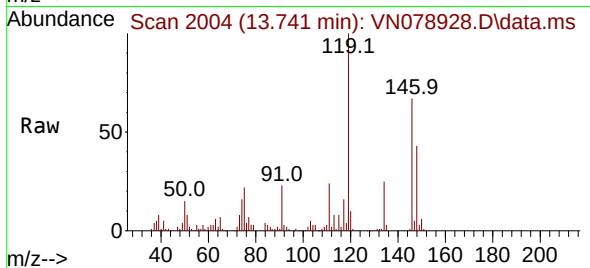
Tgt Ion:146 Resp: 92860
 Ion Ratio Lower Upper
 146 100
 111 39.0 21.2 63.6
 148 61.1 33.1 99.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#84

1,4-Dichlorobenzene

Concen: 19.276 ug/l

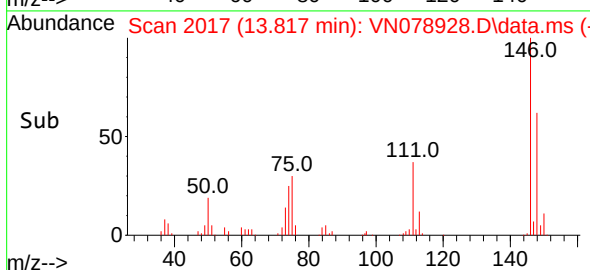
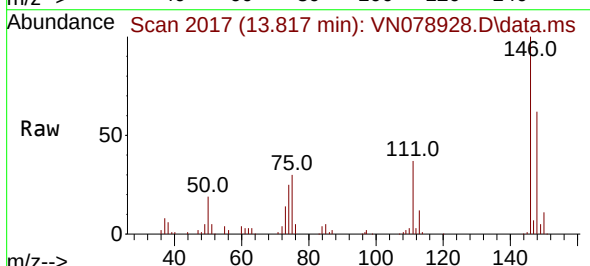
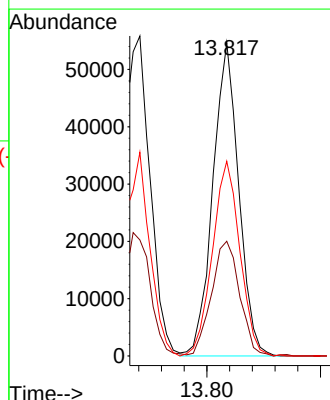
RT: 13.817 min Scan# 2017

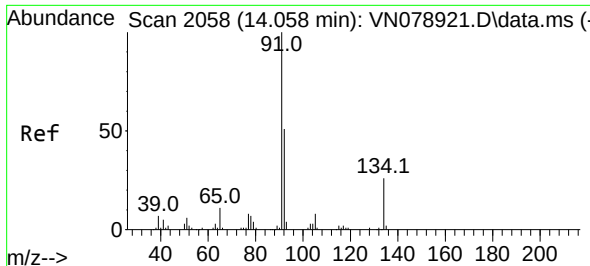
Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Tgt Ion:146 Resp: 86454
 Ion Ratio Lower Upper
 146 100
 111 39.9 18.6 56.0
 148 65.9 32.0 96.2





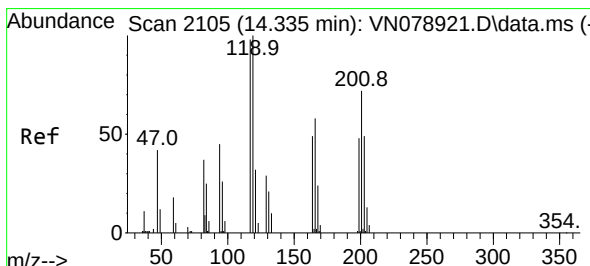
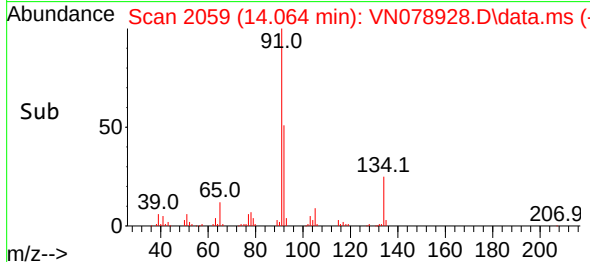
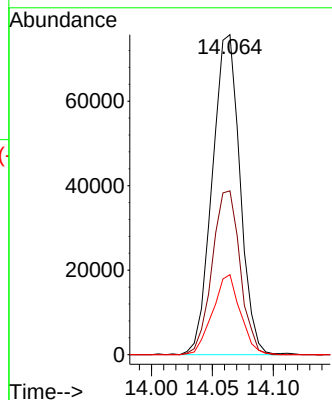
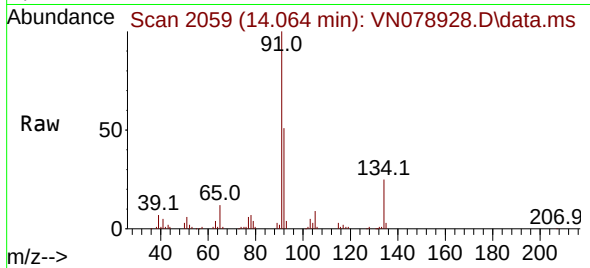
#85
n-Butylbenzene
Concen: 19.017 ug/l
RT: 14.064 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01

Tgt Ion: 91 Resp: 12003
Ion Ratio Lower Upper
91 100
92 51.6 0.0 102.8
134 25.0 0.0 48.6

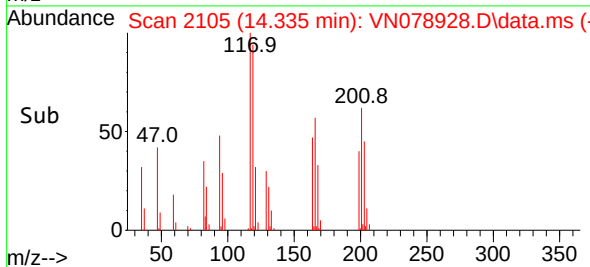
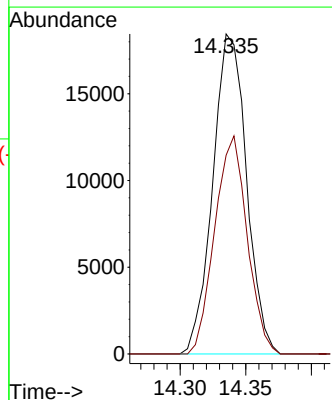
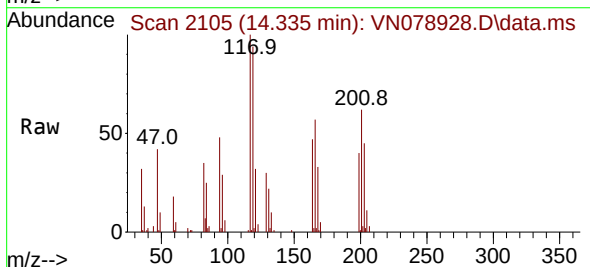
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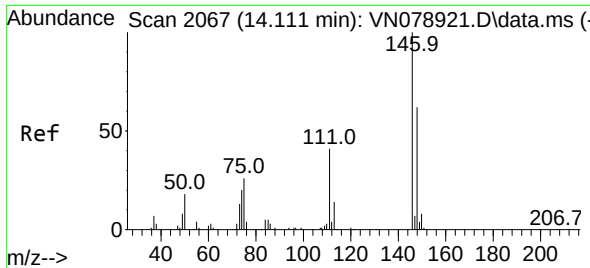
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#86
Hexachloroethane
Concen: 20.109 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion:117 Resp: 33020
Ion Ratio Lower Upper
117 100
201 65.4 36.6 109.8





#87

1,2-Dichlorobenzene

Concen: 20.362 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBSD01

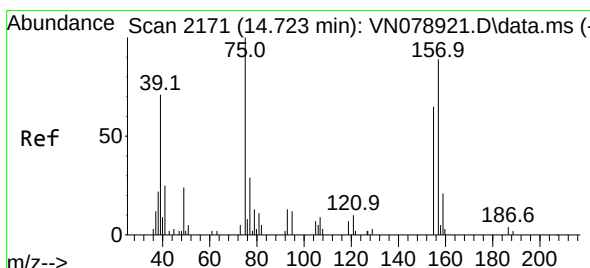
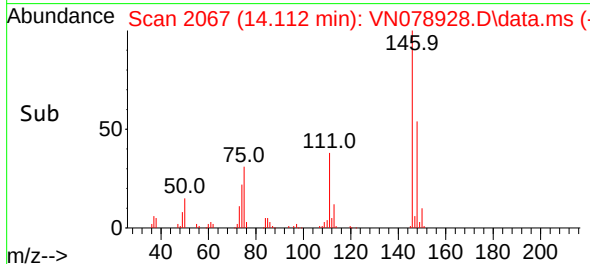
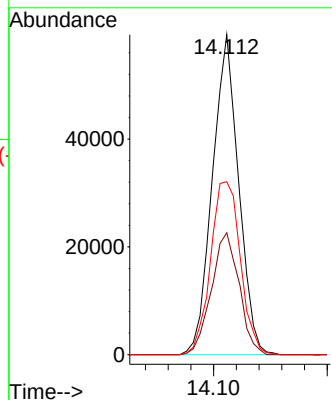
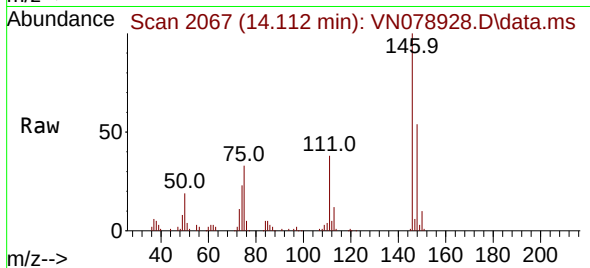
Tgt Ion:	146	Resp:	9527
Ion Ratio	Lower	Upper	
146	100		
111	40.3	20.3	60.8
148	61.5	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.738 ug/l

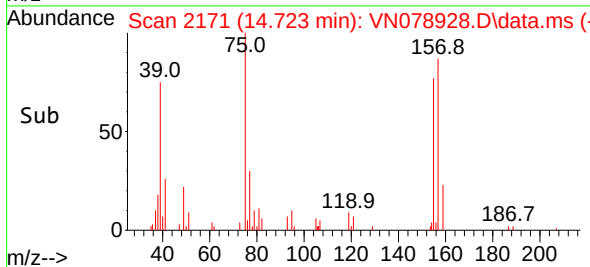
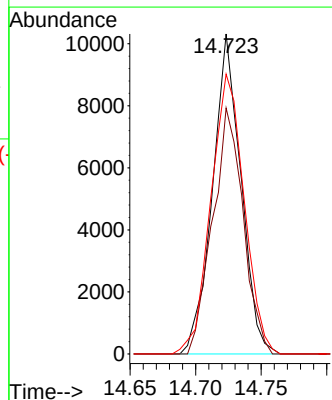
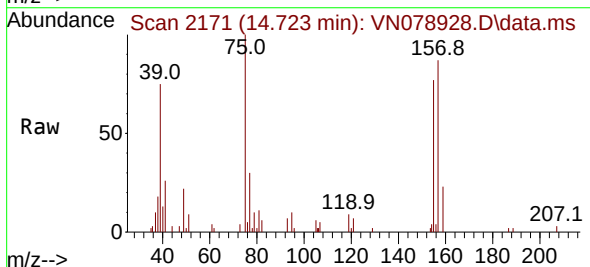
RT: 14.723 min Scan# 2171

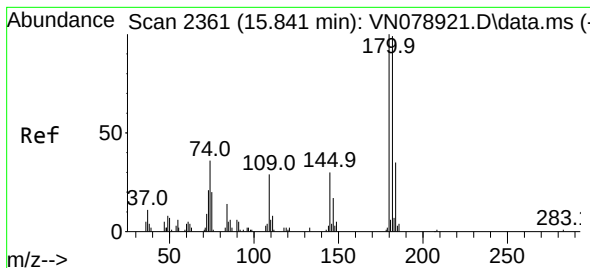
Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Tgt Ion:	75	Resp:	15514
Ion Ratio	Lower	Upper	
75	100		
155	82.8	61.1	91.7
157	102.2	79.8	119.6





#89

1,2,4-Trichlorobenzene

Concen: 19.979 ug/l

RT: 15.847 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBSD01

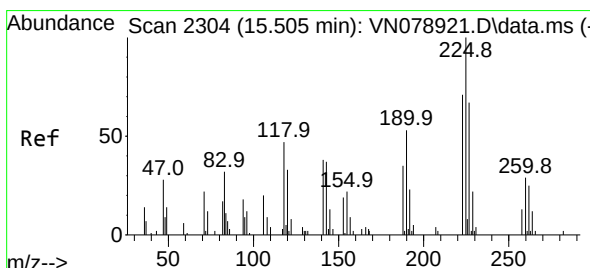
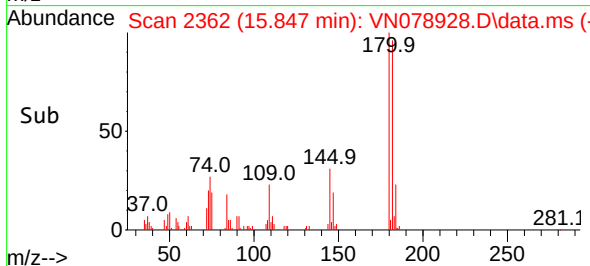
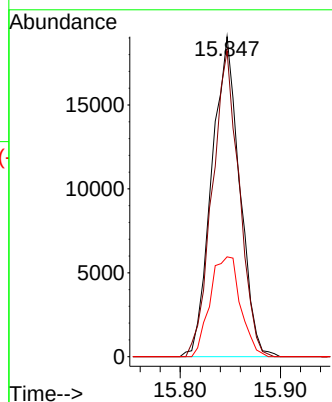
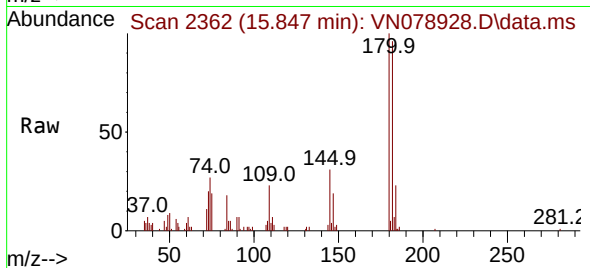
Tgt Ion:	180	Resp:	3691
Ion Ratio	Lower	Upper	
180	100		
182	92.1	76.1	114.1
145	34.0	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#90

Hexachlorobutadiene

Concen: 20.182 ug/l

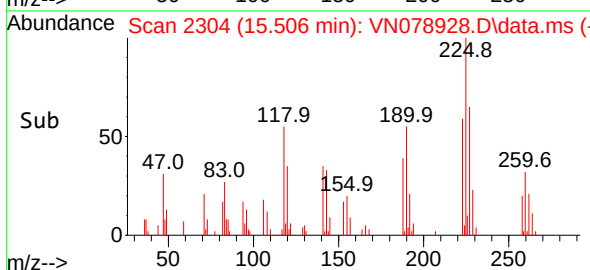
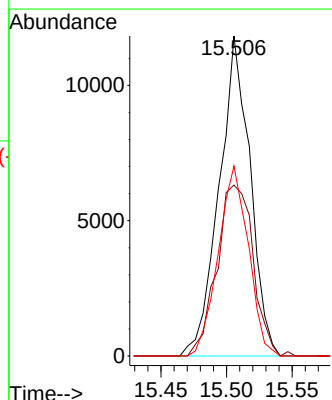
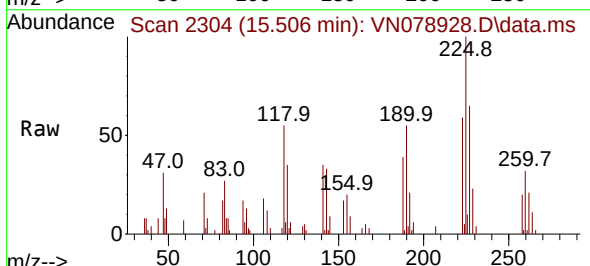
RT: 15.506 min Scan# 2304

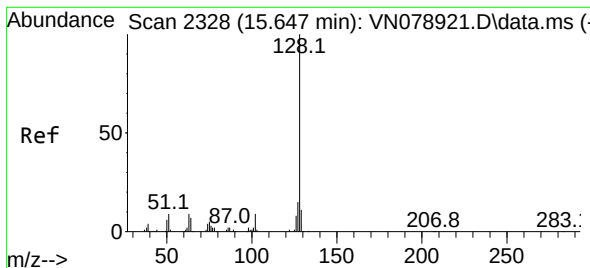
Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

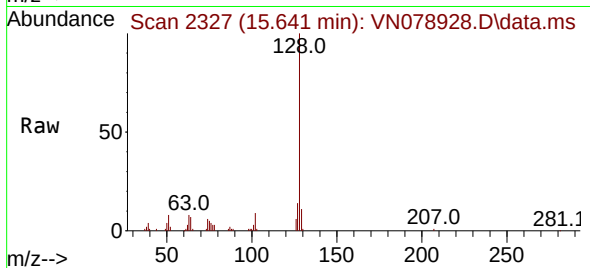
Tgt Ion:	225	Resp:	19416
Ion Ratio	Lower	Upper	
225	100		
223	62.4	0.0	124.0
227	57.7	0.0	117.4





#91
Naphthalene
Concen: 18.290 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

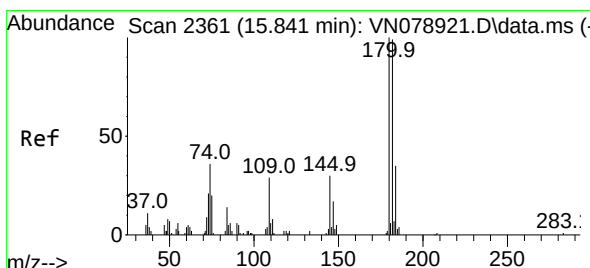
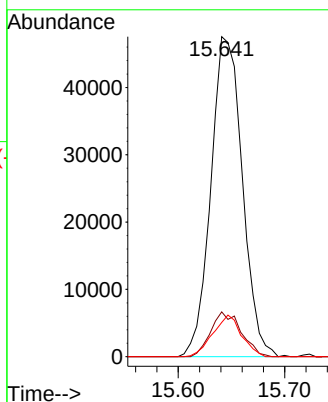
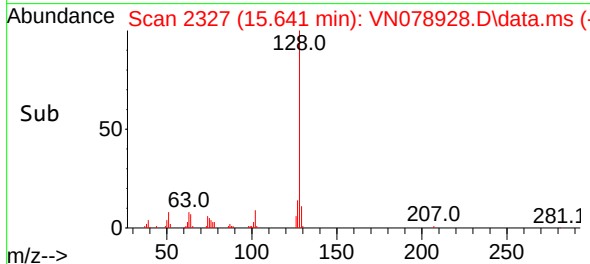
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01



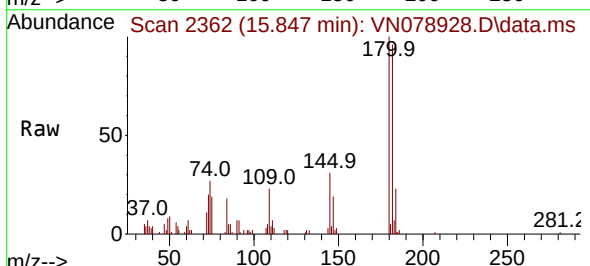
Tgt Ion:128 Resp: 97478
Ion Ratio Lower Upper
128 100
127 13.6 11.1 16.7
129 11.9 8.6 13.0

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



#92
1,2,3-Trichlorobenzene
Concen: 19.979 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04



Tgt Ion:180 Resp: 36917
Ion Ratio Lower Upper
180 100
182 92.1 0.0 190.2
145 34.0 0.0 66.2

