

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081723\
 Data File : VN078927.D
 Acq On : 17 Aug 2023 15:40
 Operator : JC\MD
 Sample : VN0817WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

Manual Integrations
 APPROVED

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

Quant Time: Aug 18 05:31:14 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	39608	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	217638	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	199114	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	94696	29.511	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.367%		
60) 4-Bromofluorobenzene	12.853	95	87091	29.985	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.933%		
63) Toluene-d8	10.571	98	272262	29.280	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	44850	17.945	ug/l	100
3) Chloromethane	2.365	50	55854	18.647	ug/l	98
4) Vinyl Chloride	2.512	62	53513	18.051	ug/l	96
5) Bromomethane	2.948	94	34010	18.586	ug/l	98
6) Chloroethane	3.112	64	37265m	19.343	ug/l	
7) Trichlorofluoromethane	3.489	101	73776	18.477	ug/l	98
8) Diethyl Ether	3.965	74	28374	18.894	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	37465	17.966	ug/l	93
10) 1,1-Dichloroethene	4.342	96	37726	17.982	ug/l	92
11) Methyl Iodide	4.589	142	45928	18.141	ug/l	98
12) Methyl Acetate	5.024	43	95097	19.338	ug/l	96
13) Acrolein	4.189	56	30739m	89.683	ug/l	
14) Acrylonitrile	5.730	53	128429	99.351	ug/l #	93
15) Acetone	4.442	58	35116m	88.556	ug/l	
16) Carbon Disulfide	4.712	76	107270	17.795	ug/l	99
17) Allyl chloride	5.024	41	68131	17.718	ug/l	97
18) Methylene Chloride	5.289	84	49770m	19.844	ug/l	
19) trans-1,2-Dichloroethene	5.795	96	44067m	18.663	ug/l	
20) Diisopropyl ether	6.683	45	165058	19.733	ug/l	94
21) 1,1-Dichloroethane	6.571	63	88849	19.142	ug/l	97
22) cis-1,2-Dichloroethene	7.494	96	50605	18.726	ug/l	96
23) tert-Butyl Alcohol	5.536	59	49656	102.981	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	145345	19.517	ug/l	98
25) Chloroform	7.965	83	88992	19.032	ug/l	91
26) Cyclohexane	8.259	56	59494	17.523	ug/l #	100
29) 1,1-Dichloropropene	8.377	75	61889	18.693	ug/l	96
30) 2-Butanone	7.494	43	187852	96.923	ug/l	99
31) 2,2-Dichloropropane	7.494	77	67590	18.472	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	74466	18.839	ug/l	98
33) Carbon Tetrachloride	8.365	117	64243	18.764	ug/l	94
34) Benzene	8.612	78	194383	19.592	ug/l #	95
35) Methacrylonitrile	7.789	41	41592	20.134	ug/l	96
36) 1,2-Dichloroethane	8.677	62	72557	19.529	ug/l	99
37) Trichloroethene	9.359	130	44979	18.213	ug/l	92
38) Methylcyclohexane	9.600	83	52815	18.120	ug/l	98
39) 1,2-Dichloropropane	9.624	63	51801	19.383	ug/l	93
40) Dibromomethane	9.712	93	35911	20.047	ug/l	97
41) Bromodichloromethane	9.894	83	69598	19.319	ug/l	93
42) Vinyl Acetate	6.612	43	548023	100.288	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	76217	20.270	ug/l #	92
44) Isopropyl Acetate	8.694	43	131931	19.913	ug/l	98
45) 1,4-Dioxane	9.700	88	21324	427.707	ug/l	98
46) Methyl methacrylate	9.688	41	58098	19.903	ug/l	95
47) n-amyl Acetate	12.500	43	100625	19.792	ug/l	97
48) t-1,3-Dichloropropene	10.841	75	75565	19.695	ug/l	94
49) cis-1,3-Dichloropropene	10.318	75	82219	19.984	ug/l	96
50) 1,1,2-Trichloroethane	11.018	97	47932	19.800	ug/l	96
51) Ethyl methacrylate	10.877	69	74583	19.906	ug/l	93
52) 1,3-Dichloropropane	11.171	76	86668	19.988	ug/l	98
53) Dibromochloromethane	11.365	129	52049	19.644	ug/l	95
54) 1,2-Dibromoethane	11.477	107	48530	19.527	ug/l	96
55) 2-Chloroethyl vinyl ether	10.165	63	178214	102.904	ug/l	99
56) Bromoform	12.588	173	36314	19.426	ug/l #	95
58) 4-Methyl-2-Pentanone	10.453	43	388499	98.342	ug/l	99
59) 2-Hexanone	11.200	43	277669	95.931	ug/l	100
61) Tetrachloroethene	11.112	164	35348	18.335	ug/l	94
62) Toluene	10.635	91	204064	18.772	ug/l	98
64) Chlorobenzene	11.894	112	121456	18.582	ug/l #	87
65) 1,1,1,2-Tetrachloroethane	11.965	131	47490	19.002	ug/l	98
66) Ethyl Benzene	11.971	91	211488	18.599	ug/l	98
67) m/p-Xylenes	12.076	106	159651	37.656	ug/l	100
68) o-Xylene	12.406	106	80169	19.178	ug/l	98
69) Styrene	12.418	104	129474	19.061	ug/l	99
70) Isopropylbenzene	12.700	105	180598	17.830	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	74206	19.543	ug/l	99
72) 1,2,3-Trichloropropane	13.000	75	59409m	19.072	ug/l	
73) Bromobenzene	12.982	156	46882	18.181	ug/l	94
74) n-propylbenzene	13.041	91	213196	18.572	ug/l	100
75) 2-Chlorotoluene	13.129	91	136289	18.715	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	149958	18.676	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	21551	18.617	ug/l	91
78) 4-Chlorotoluene	13.223	91	134377	19.261	ug/l	99
79) tert-butylbenzene	13.441	119	129660	19.110	ug/l	95
80) 1,2,4-Trimethylbenzene	13.488	105	145550	18.435	ug/l	96
81) sec-Butylbenzene	13.623	105	165668	18.501	ug/l	96
82) p-Isopropyltoluene	13.735	119	130016	17.784	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	77830	18.702	ug/l	95
84) 1,4-Dichlorobenzene	13.818	146	76166	18.642	ug/l	97
85) n-Butylbenzene	14.059	91	100735	17.519	ug/l	99
86) Hexachloroethane	14.341	117	27114	18.126	ug/l	93
87) 1,2-Dichlorobenzene	14.112	146	81957	19.228	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	13934	20.446	ug/l	95
89) 1,2,4-Trichlorobenzene	15.847	180	28667	17.030	ug/l	96
90) Hexachlorobutadiene	15.506	225	15209	17.354	ug/l	96
91) Naphthalene	15.647	128	80985	16.681	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	28667	17.030	ug/l	96

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

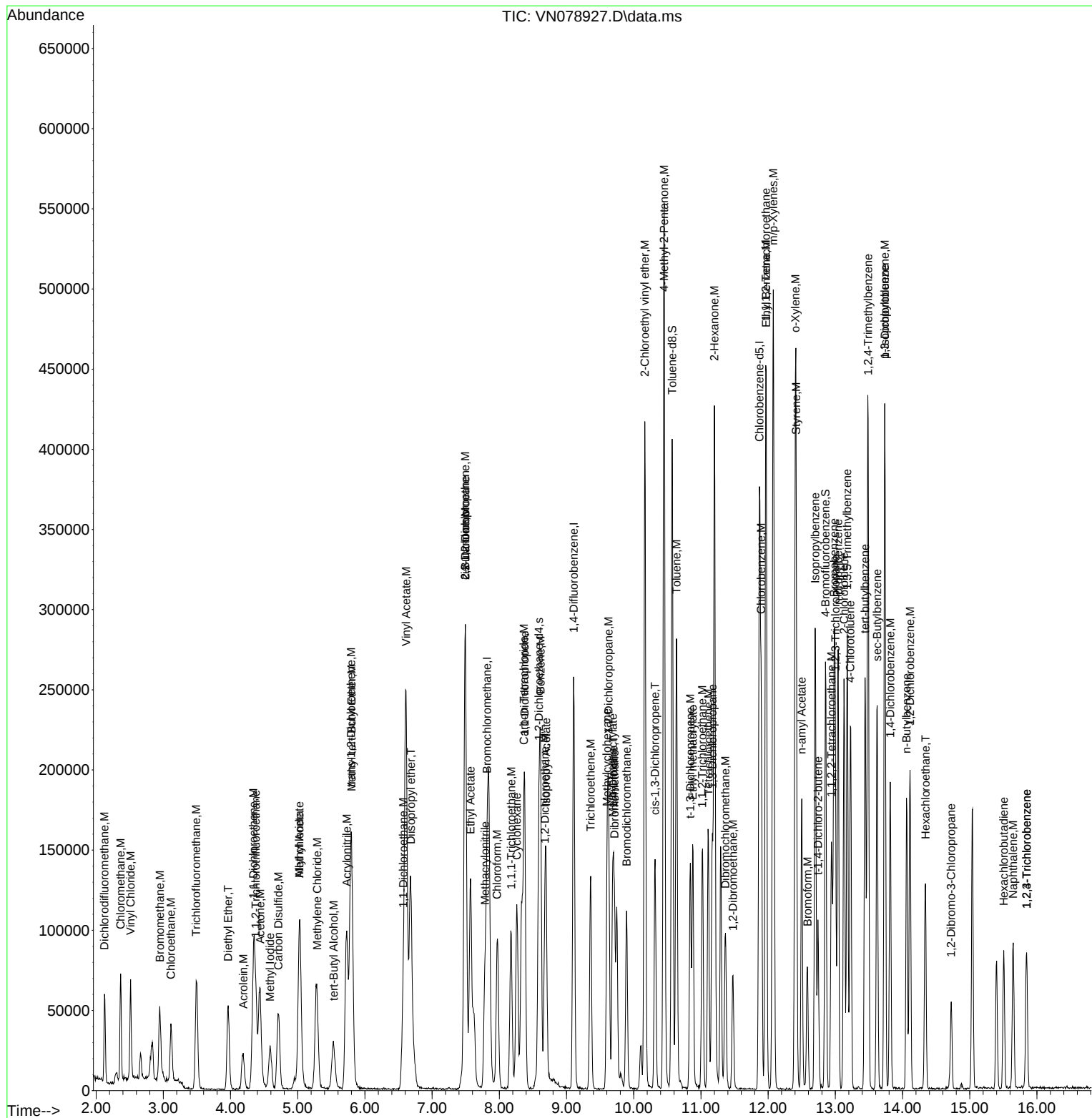
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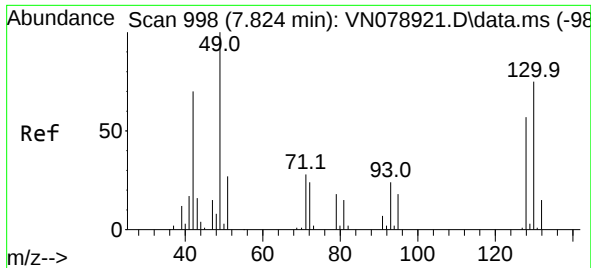
Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations
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Supervised By :Semsettin Yesilyurt 08/18/2023

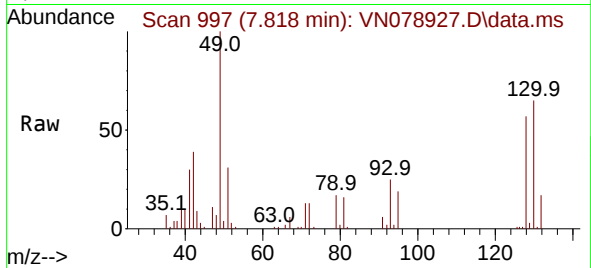
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

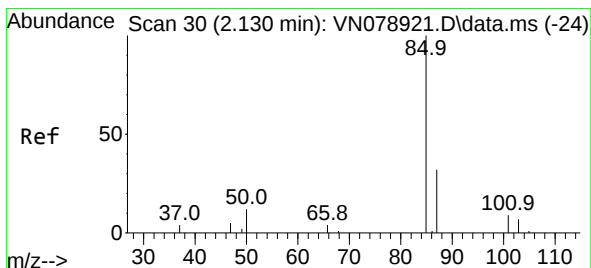
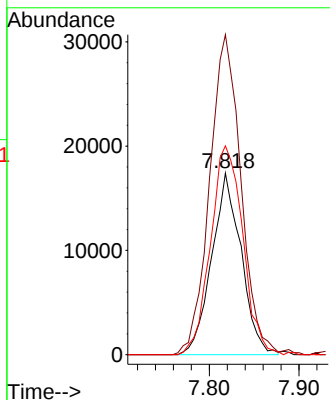
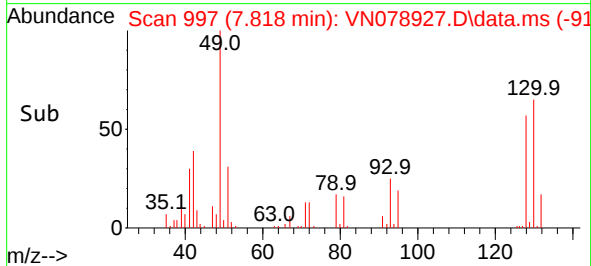
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



Tgt Ion:128 Resp: 39608
Ion Ratio Lower Upper
128 100
49 187.4 0.0 481.8
130 126.3 0.0 320.5

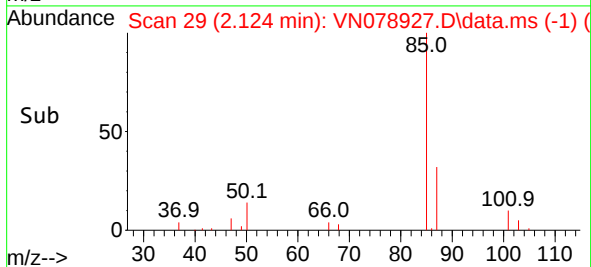
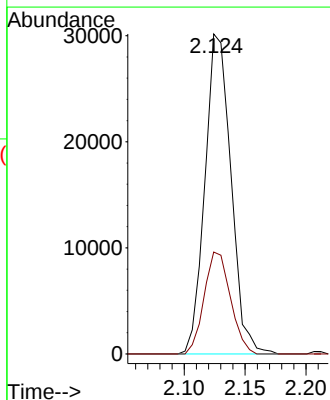
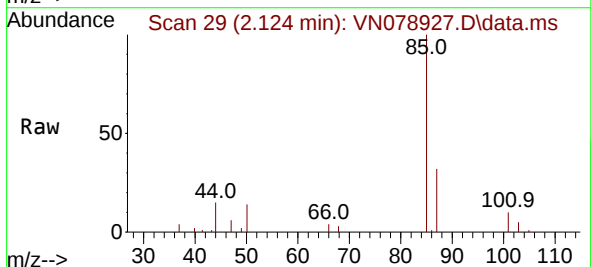
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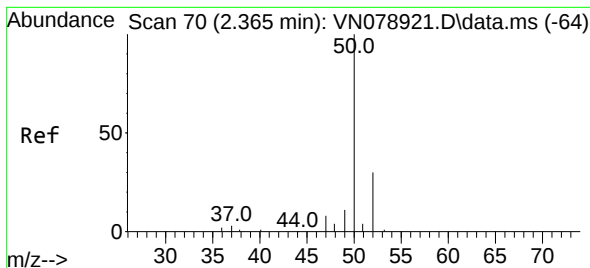
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#2
Dichlorodifluoromethane
Concen: 17.945 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion: 85 Resp: 44850
Ion Ratio Lower Upper
85 100
87 31.8 15.9 47.7





#3

Chloromethane

Concen: 18.647 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

Tgt Ion: 50 Resp: 55854

Ion Ratio Lower Upper

50 100

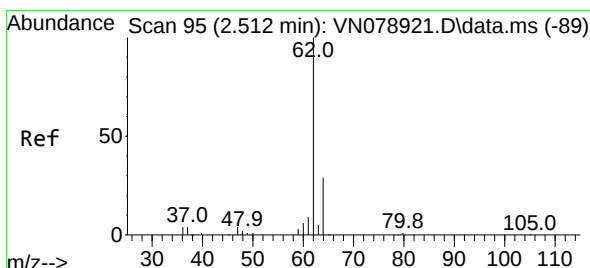
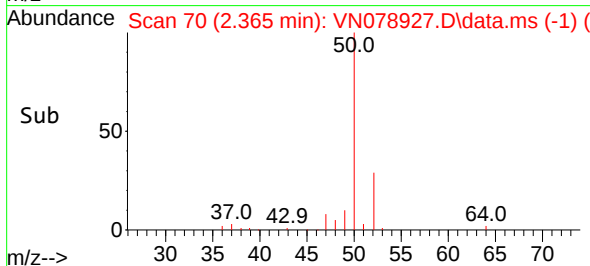
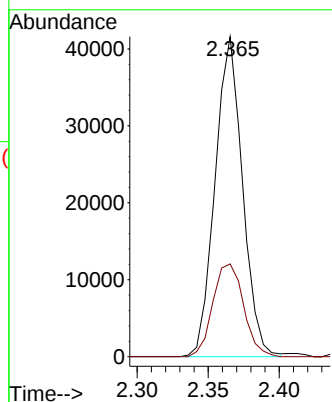
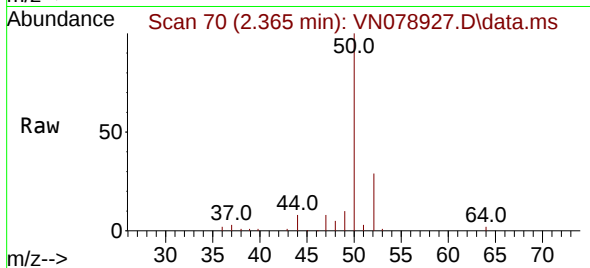
52 29.0 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#4

Vinyl Chloride

Concen: 18.051 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN078927.D

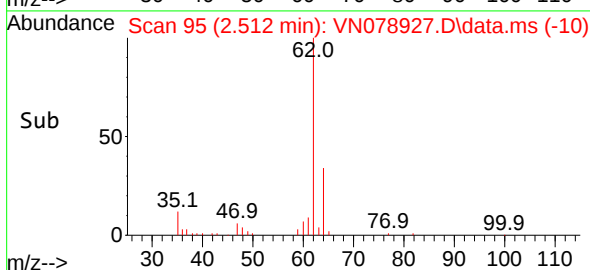
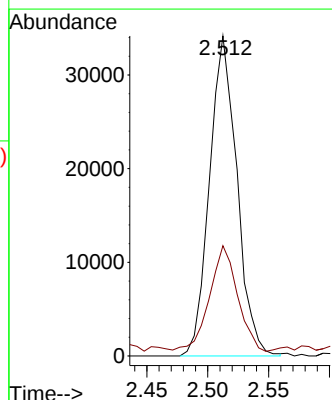
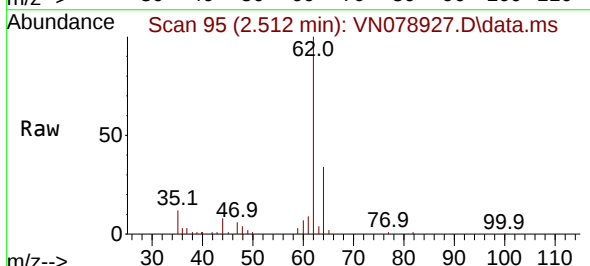
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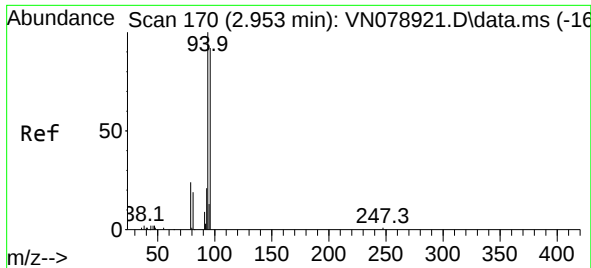
Tgt Ion: 62 Resp: 53513

Ion Ratio Lower Upper

62 100

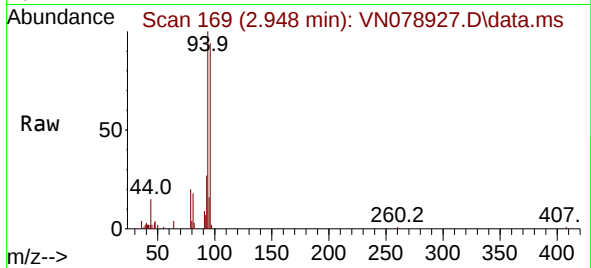
64 31.9 23.8 35.8





#5
Bromomethane
Concen: 18.586 ug/l
RT: 2.948 min Scan# 110
Delta R.T. -0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

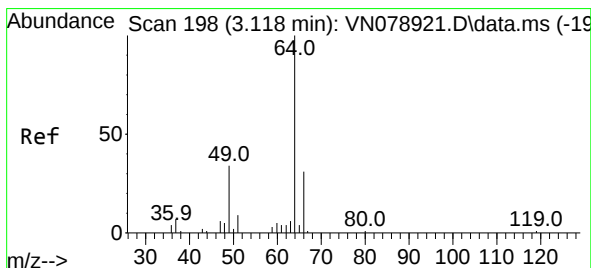
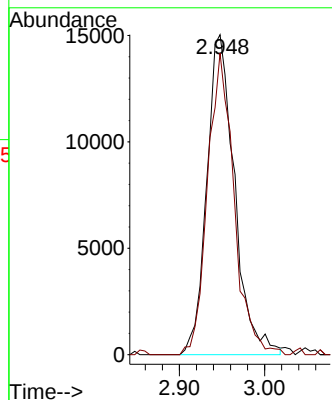
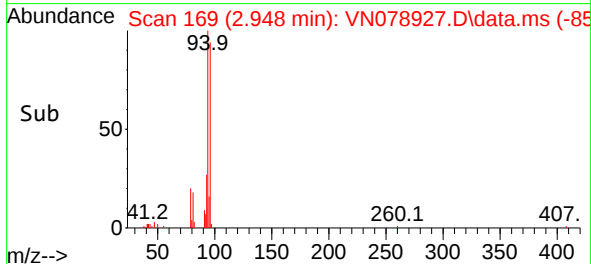
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 34010
Ion Ratio Lower Upper
94 100
96 94.2 73.6 110.4

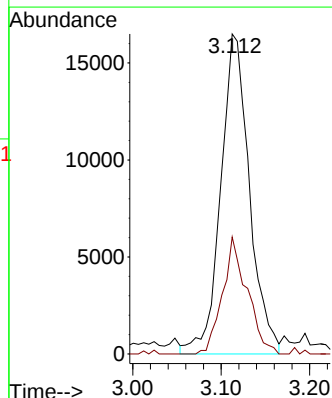
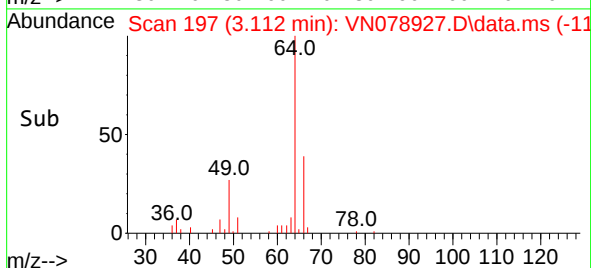
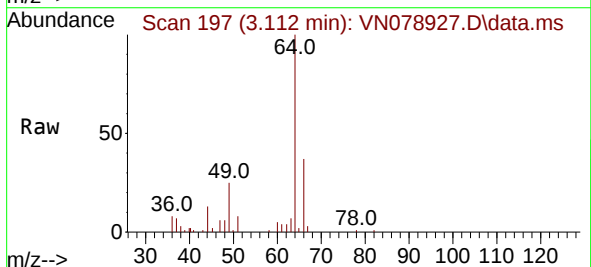
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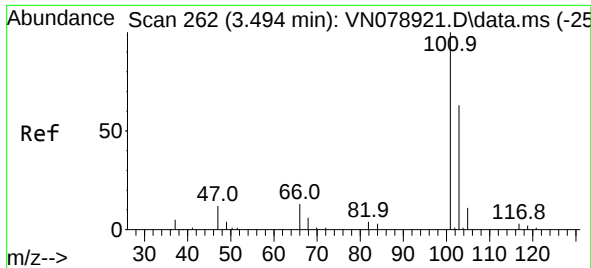
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#6
Chloroethane
Concen: 19.343 ug/l m
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion: 64 Resp: 37265
Ion Ratio Lower Upper
64 100
66 36.6 24.9 37.3





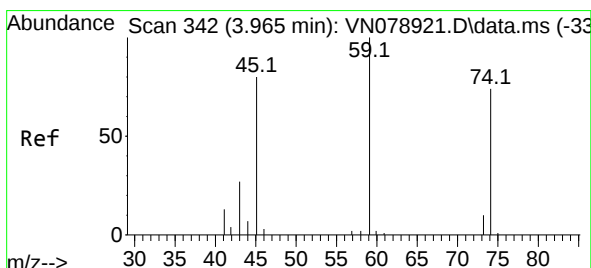
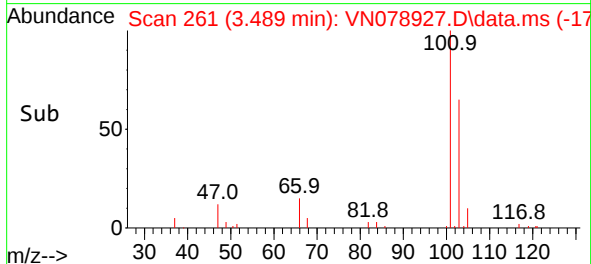
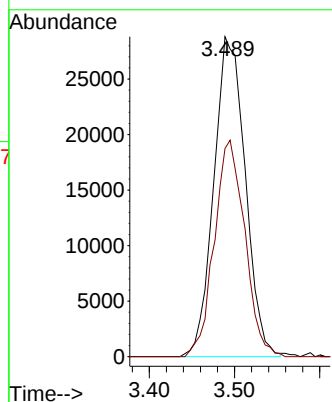
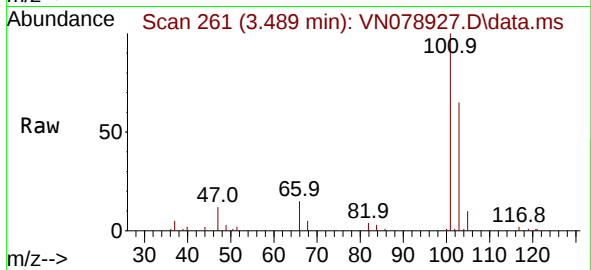
#7
Trichlorofluoromethane
Concen: 18.477 ug/l
RT: 3.489 min Scan# 261
Delta R.T. -0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tgt Ion:101 Resp: 73770
Ion Ratio Lower Upper
101 100
103 65.0 50.9 76.3

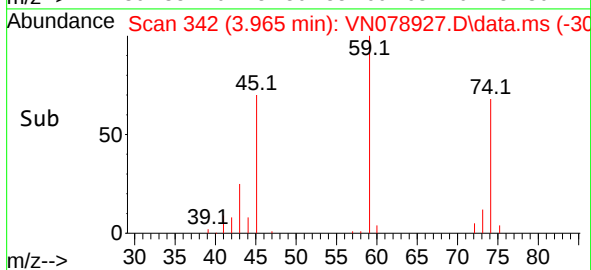
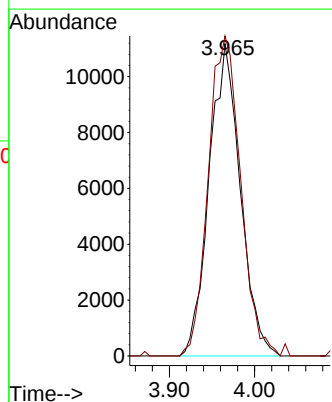
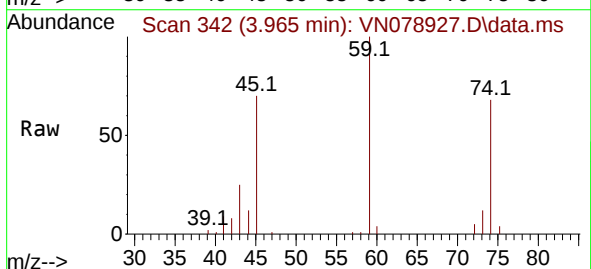
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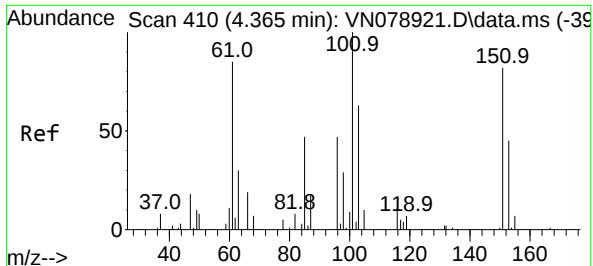
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#8
Diethyl Ether
Concen: 18.894 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion: 74 Resp: 28374
Ion Ratio Lower Upper
74 100
45 106.1 21.3 191.9





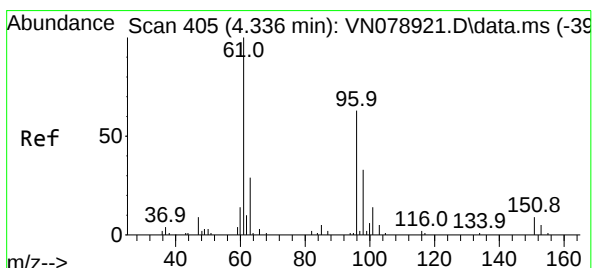
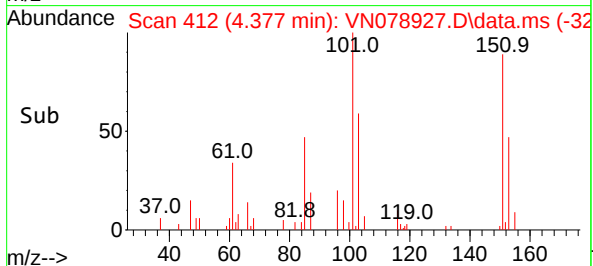
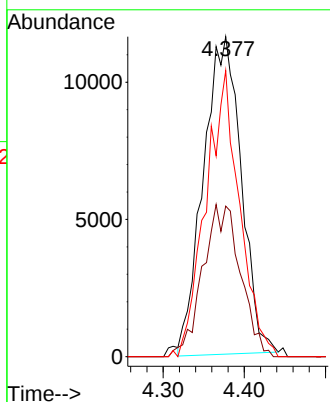
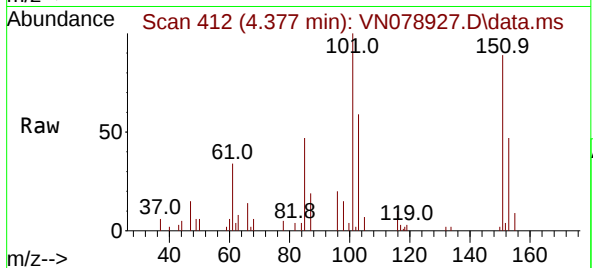
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1,1,2-Trichlorotrifluoroethane
Concen: 17.966 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tgt Ion:101 Resp: 3746
Ion Ratio Lower Upper
101 100
85 22.7 0.0 65.4
151 80.1 0.0 156.8

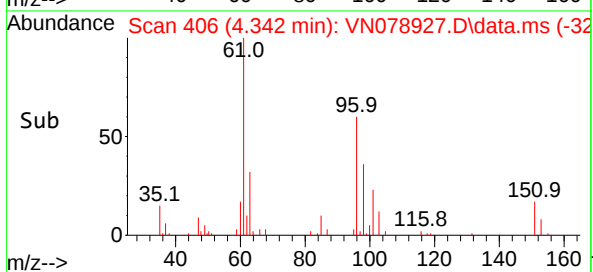
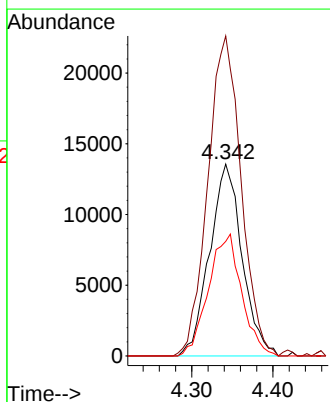
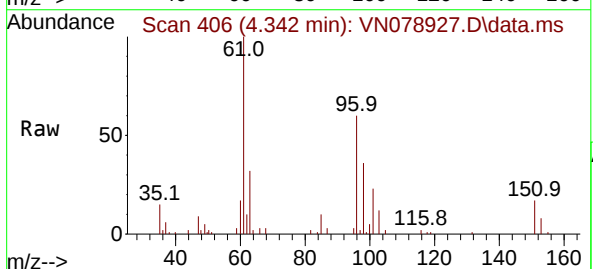
Manual Integrations
APPROVED

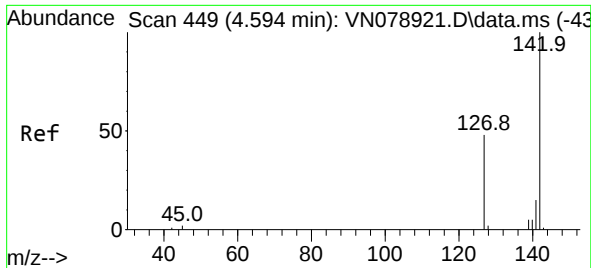
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#10
1,1-Dichloroethene
Concen: 17.982 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

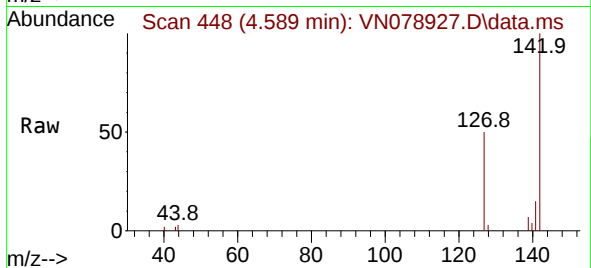
Tgt Ion: 96 Resp: 37726
Ion Ratio Lower Upper
96 100
61 166.8 126.2 189.4
98 59.7 41.7 62.5





#11
Methyl Iodide
Concen: 18.141 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

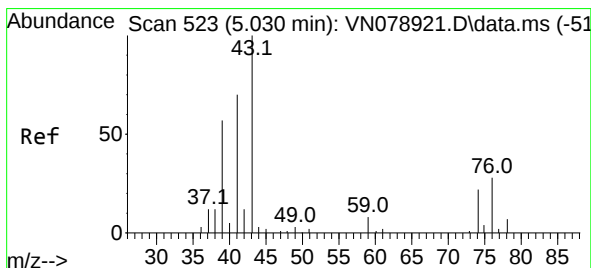
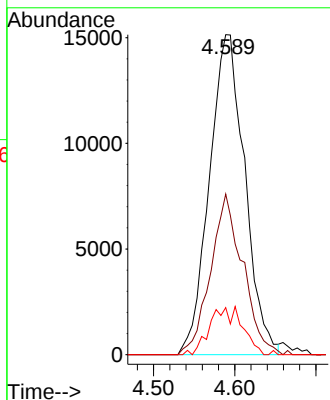
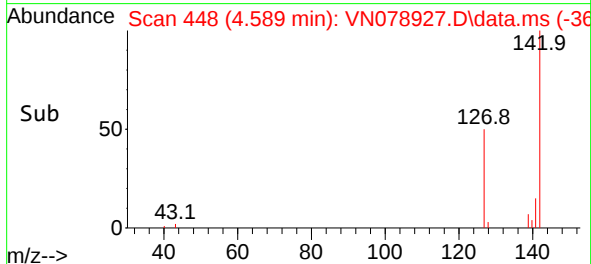
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



Tgt Ion:142 Resp: 45928
Ion Ratio Lower Upper
142 100
127 50.4 24.3 72.9
141 15.0 7.3 22.0

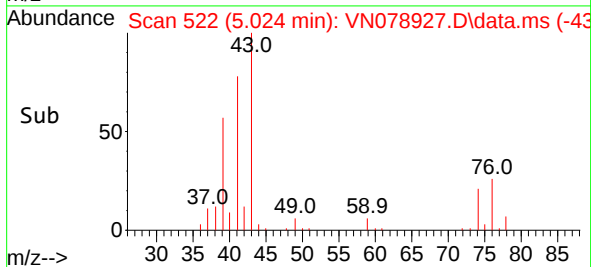
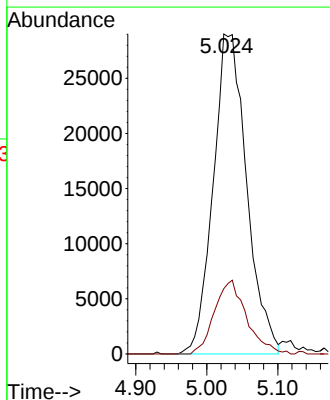
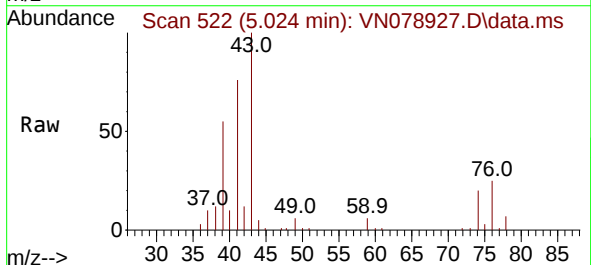
Manual Integrations
APPROVED

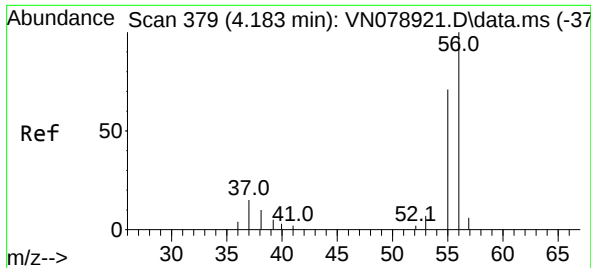
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#12
Methyl Acetate
Concen: 19.338 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion: 43 Resp: 95097
Ion Ratio Lower Upper
43 100
74 20.2 17.5 26.3





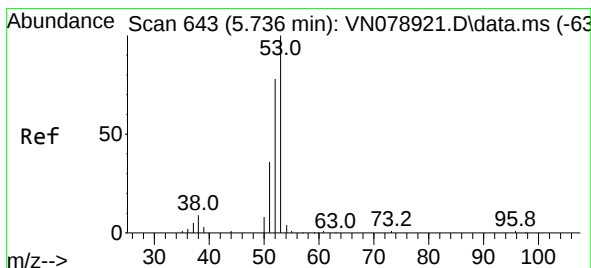
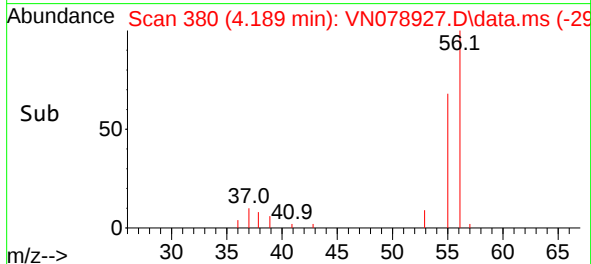
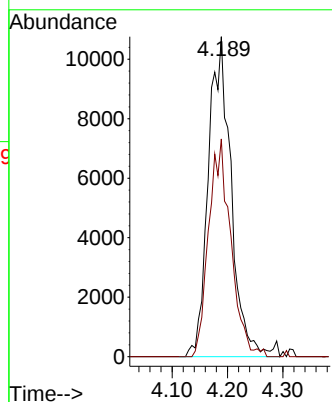
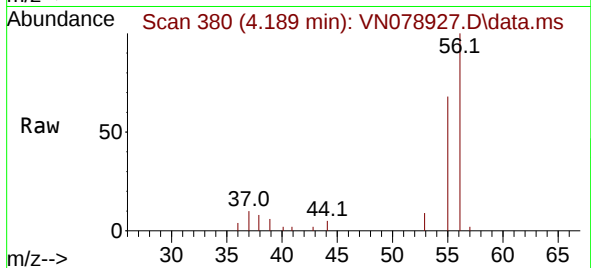
#13
Acrolein
Concen: 89.683 ug/l m
RT: 4.189 min Scan# 30739
Delta R.T. 0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tgt Ion: 56 Resp: 30739
Ion Ratio Lower Upper
56 100
55 65.2 54.5 81.7

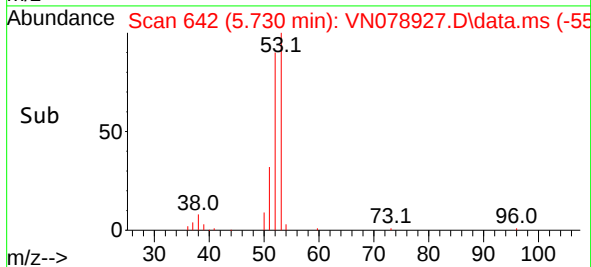
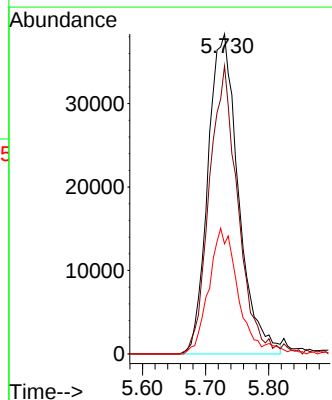
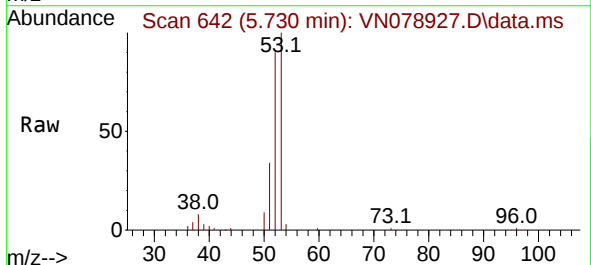
Manual Integrations
APPROVED

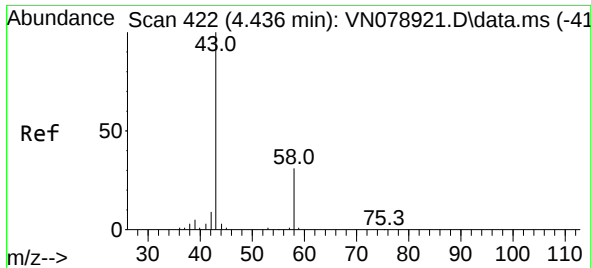
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#14
Acrylonitrile
Concen: 99.351 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

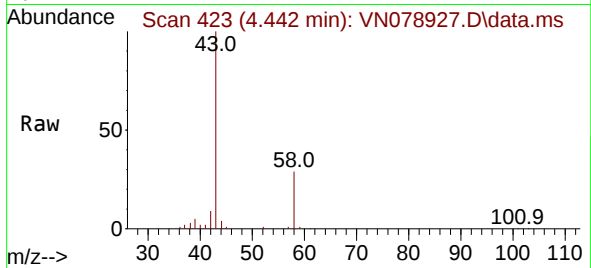
Tgt Ion: 53 Resp: 128429
Ion Ratio Lower Upper
53 100
52 83.1 41.9 125.6
51 36.5 10.1 30.1#





#15
Acetone
Concen: 88.556 ug/l m
RT: 4.442 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

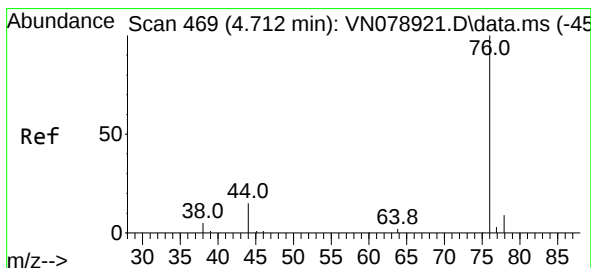
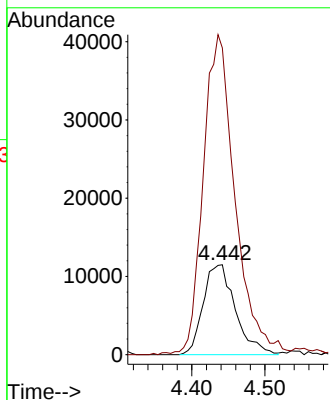
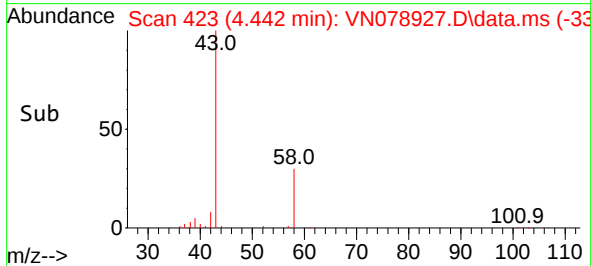
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



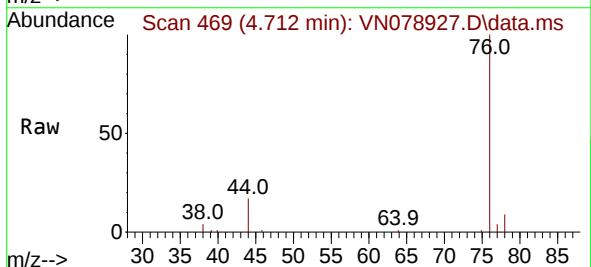
Tgt Ion: 58 Resp: 35110
Ion Ratio Lower Upper
58 100
43 340.9 260.6 390.8

Manual Integrations
APPROVED

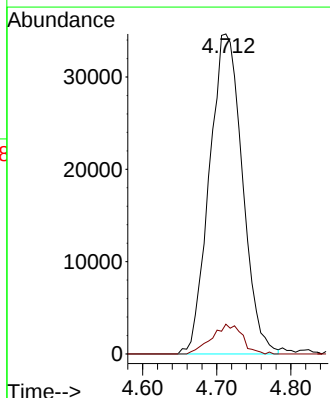
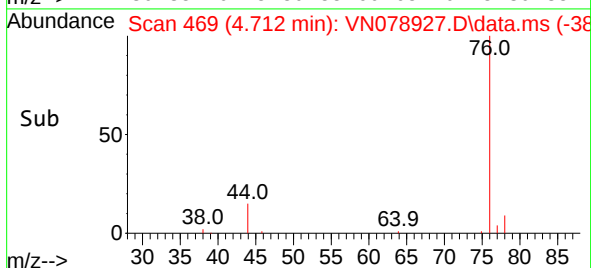
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

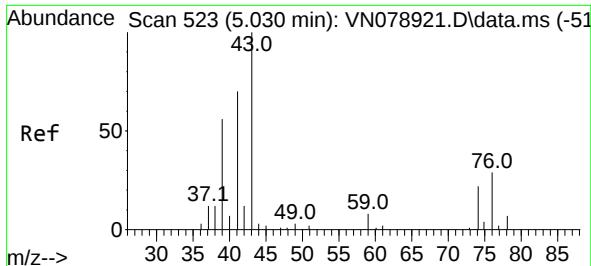


#16
Carbon Disulfide
Concen: 17.795 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40



Tgt Ion: 76 Resp: 107270
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6





#17

Allyl chloride

Concen: 17.718 ug/l

RT: 5.024 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

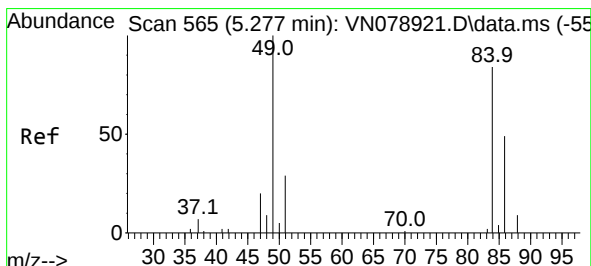
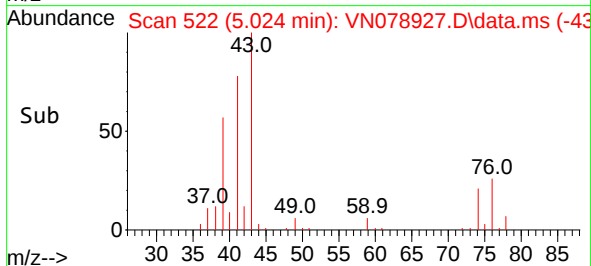
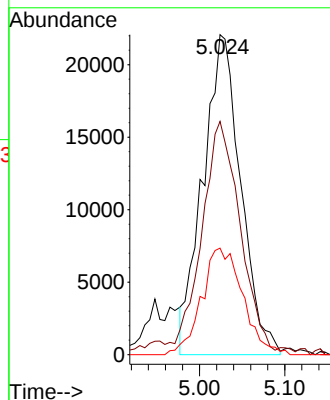
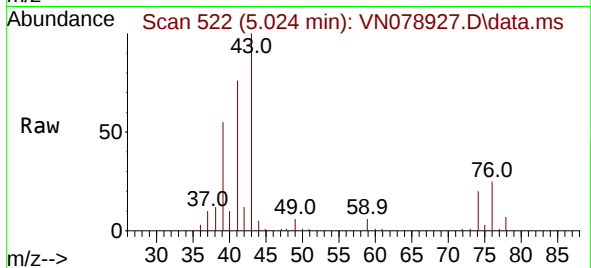
Tgt Ion:	41	Resp:	6813
Ion	Ratio	Lower	Upper
41	100		
39	71.5	36.9	110.7
76	32.6	17.3	51.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#18

Methylene Chloride

Concen: 19.844 ug/l m

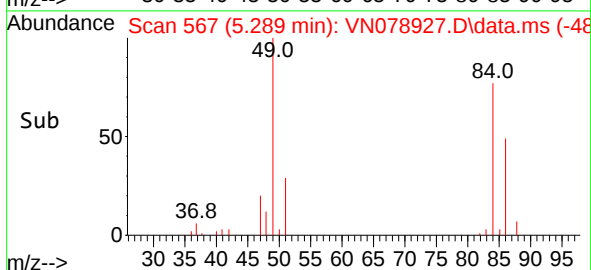
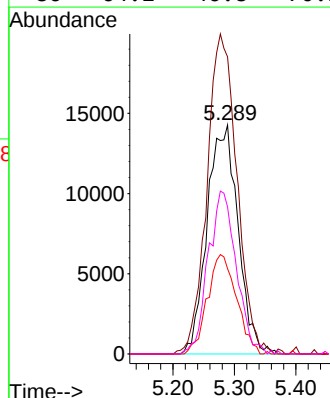
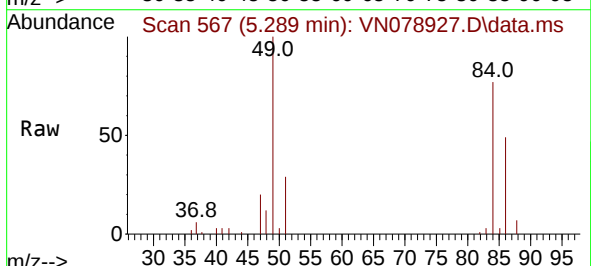
RT: 5.289 min Scan# 567

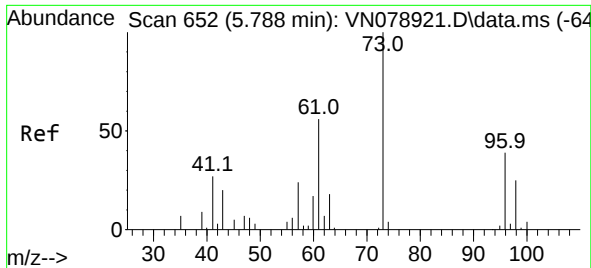
Delta R.T. 0.012 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

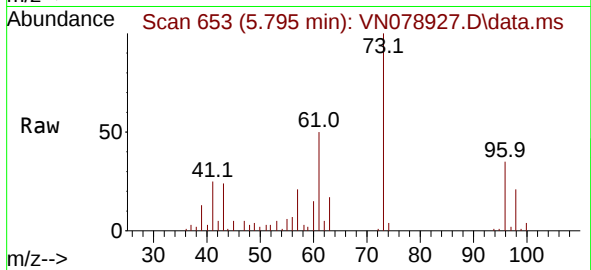
Tgt Ion:	84	Resp:	49770
Ion	Ratio	Lower	Upper
84	100		
49	129.8	95.8	143.6
51	37.3	28.6	43.0
86	64.2	46.8	70.2





#19
trans-1,2-Dichloroethene
Concen: 18.663 ug/l m
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

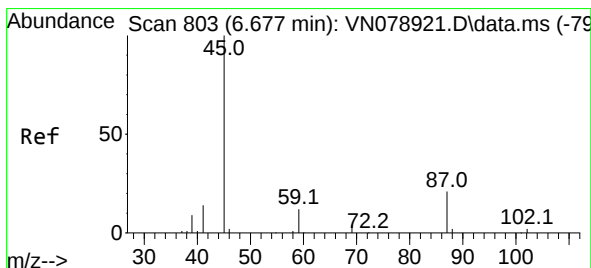
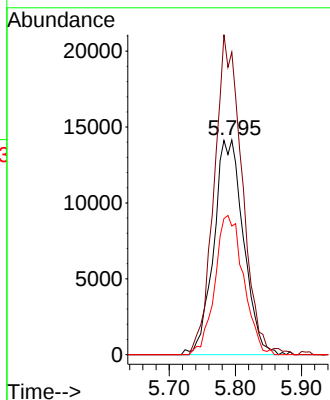
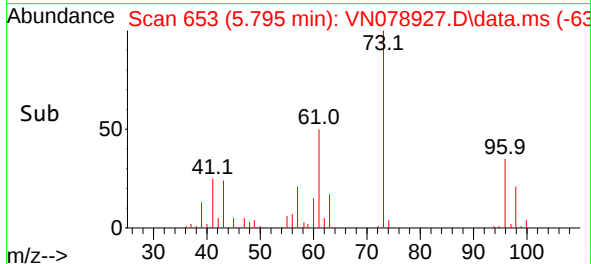
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



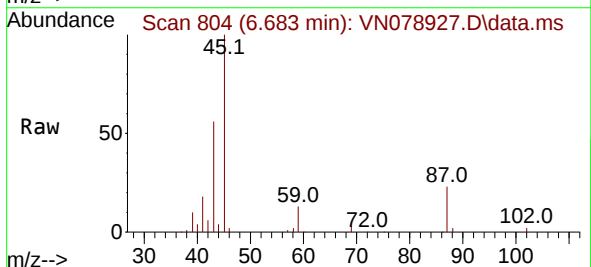
Tgt Ion: 96 Resp: 4406
Ion Ratio Lower Upper
96 100
61 141.0 114.0 171.0
98 59.9 50.6 76.0

Manual Integrations
APPROVED

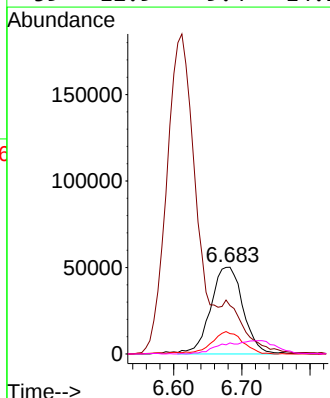
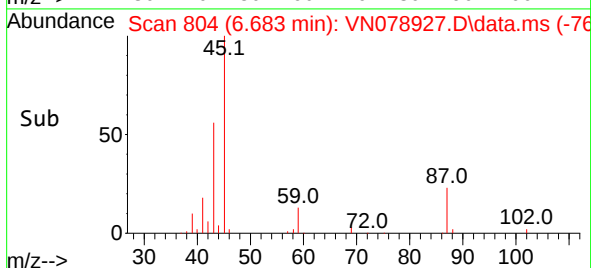
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

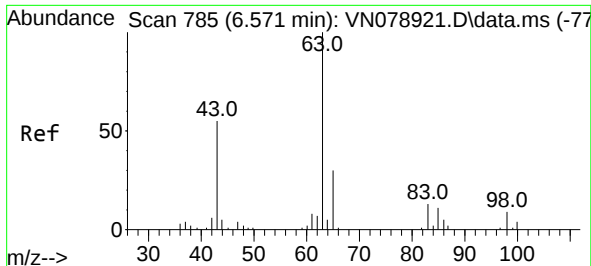


#20
Diisopropyl ether
Concen: 19.733 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40



Tgt Ion: 45 Resp: 165058
Ion Ratio Lower Upper
45 100
43 51.7 37.4 56.2
87 23.7 17.3 25.9
59 12.9 9.4 14.2





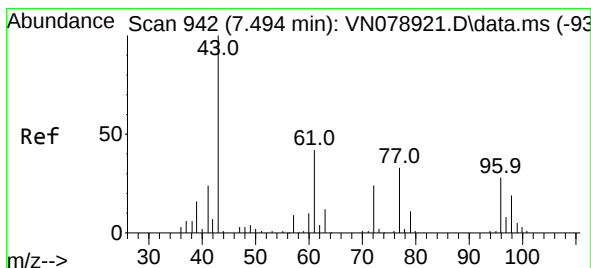
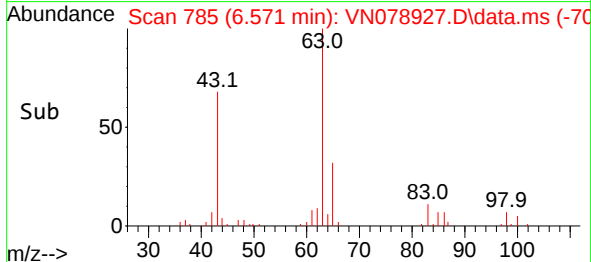
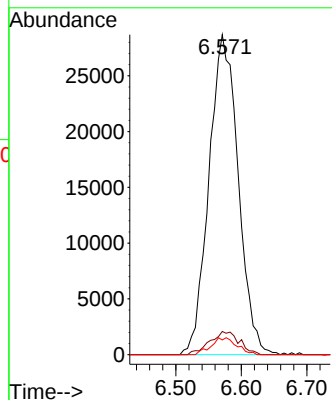
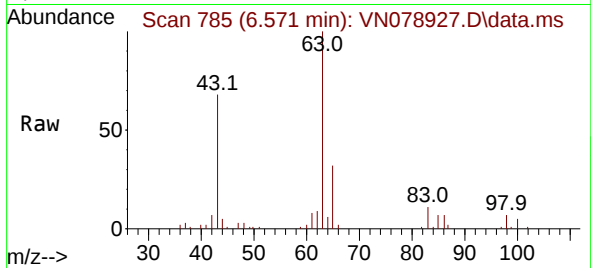
#21
1,1-Dichloroethane
Concen: 19.142 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tgt Ion: 63 Resp: 88849
Ion Ratio Lower Upper
63 100
98 7.3 4.4 13.2
100 4.6 2.1 6.5

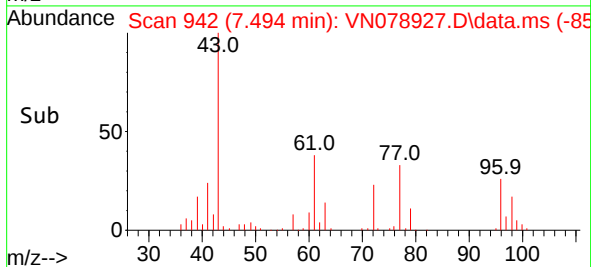
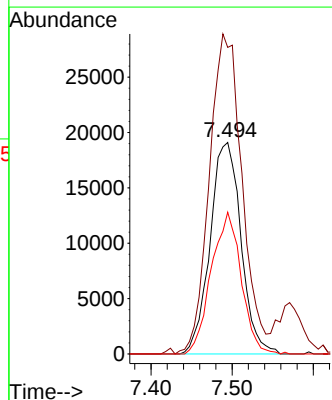
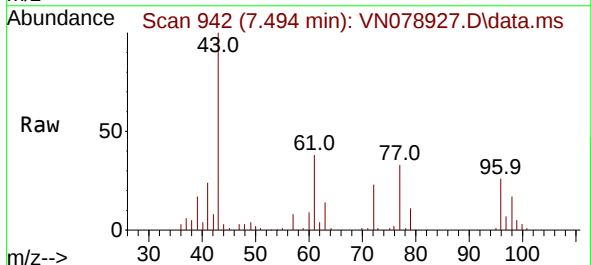
Manual Integrations
APPROVED

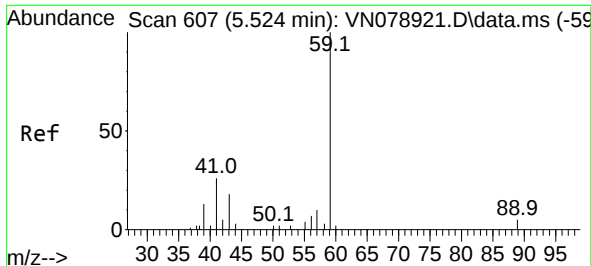
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#22
cis-1,2-Dichloroethene
Concen: 18.726 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion: 96 Resp: 50605
Ion Ratio Lower Upper
96 100
61 159.1 121.8 182.6
98 64.6 50.7 76.1





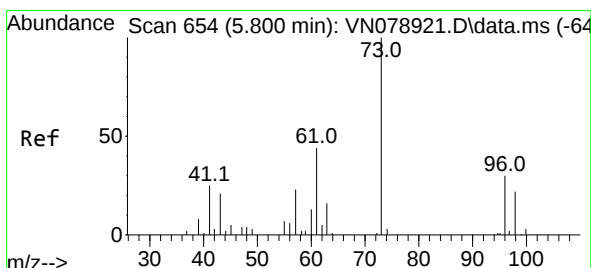
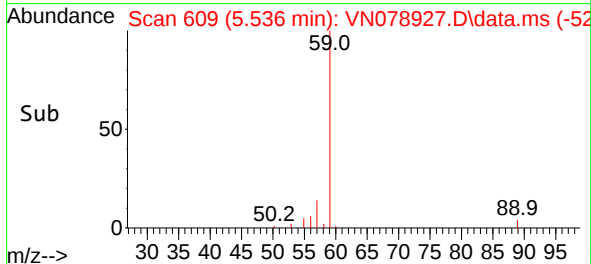
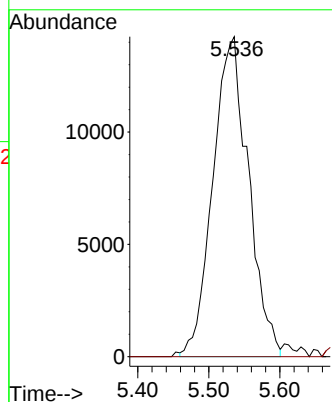
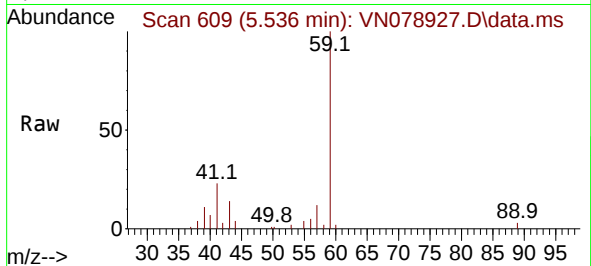
#23
tert-Butyl Alcohol
Concen: 102.981 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tgt Ion: 59 Resp: 49650
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

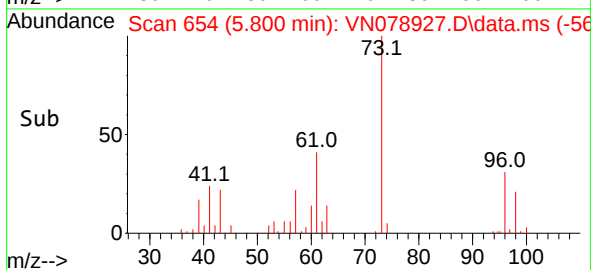
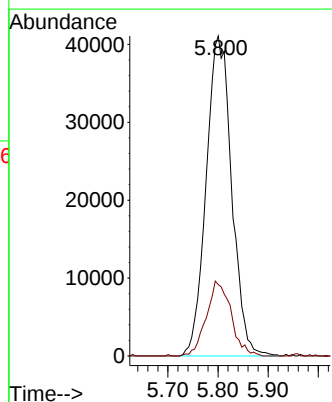
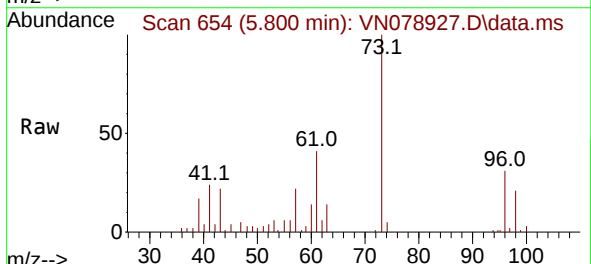
Manual Integrations
APPROVED

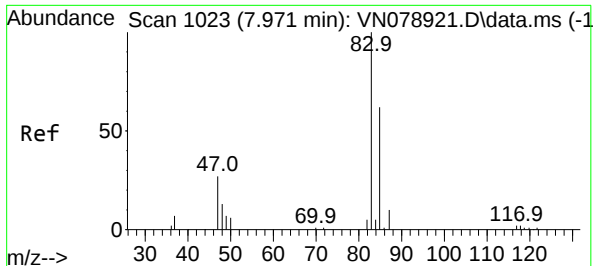
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#24
Methyl tert-Butyl Ether
Concen: 19.517 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion: 73 Resp: 145345
Ion Ratio Lower Upper
73 100
43 22.5 17.3 25.9





#25

Chloroform

Concen: 19.032 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

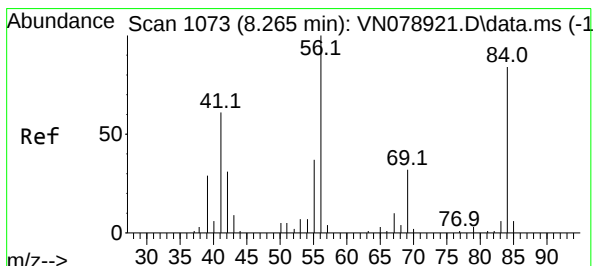
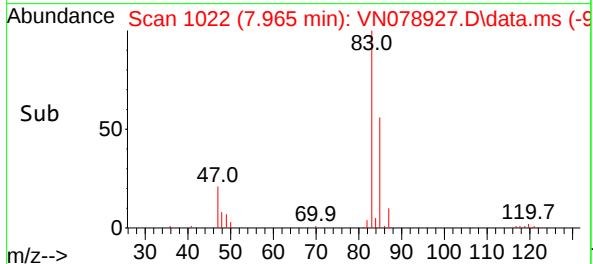
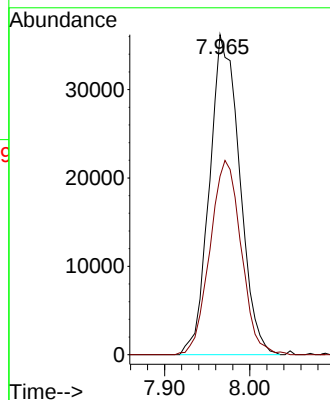
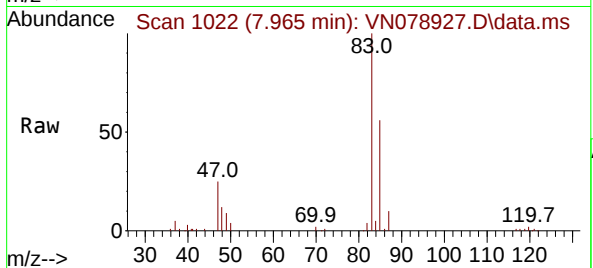
Tgt Ion: 83 Resp: 88992
 Ion Ratio Lower Upper
 83 100
 85 55.1 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#26

Cyclohexane

Concen: 17.523 ug/l

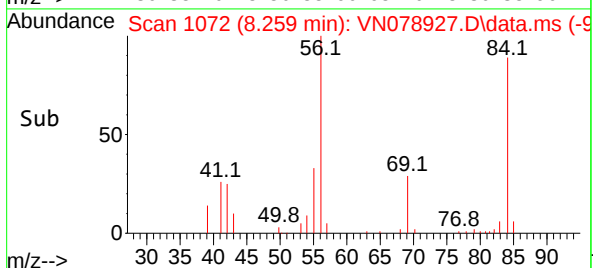
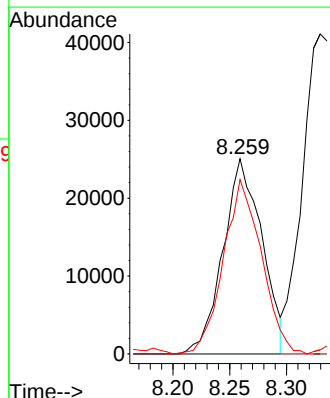
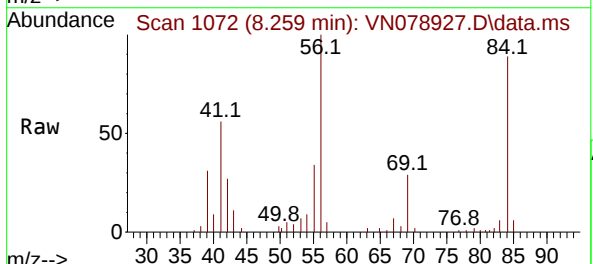
RT: 8.259 min Scan# 1072

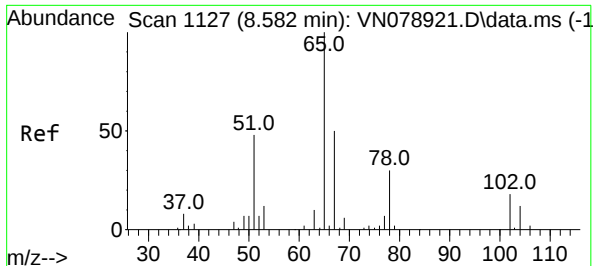
Delta R.T. -0.006 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

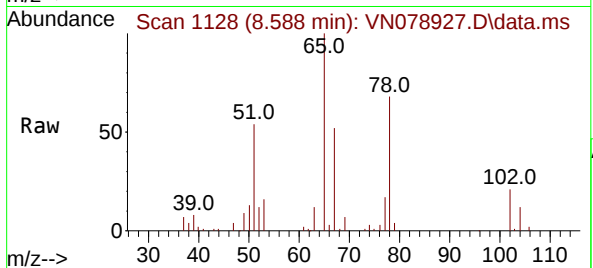
Tgt Ion: 56 Resp: 59494
 Ion Ratio Lower Upper
 56 100
 89 0.0 0.0 0.0
 84 87.7 70.1 105.1





#27
1,2-Dichloroethane-d4
Concen: 29.511 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

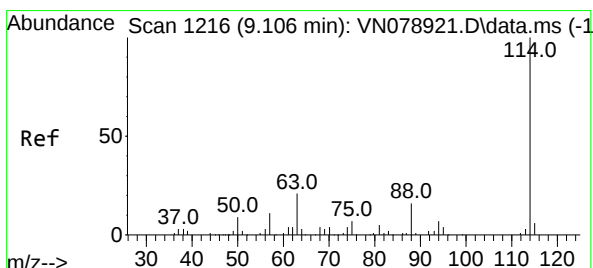
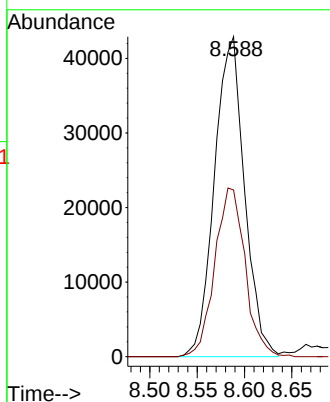
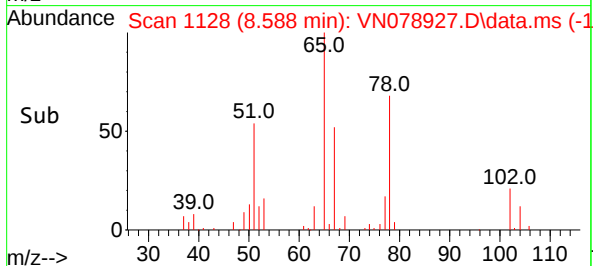
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



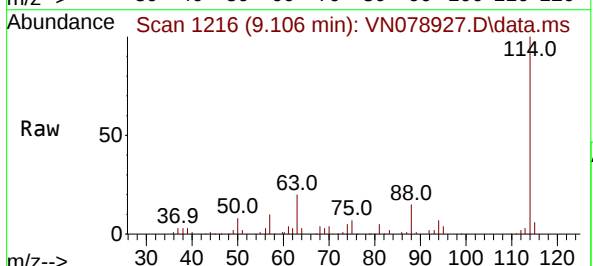
Tgt Ion: 65 Resp: 94690
Ion Ratio Lower Upper
65 100
67 53.1 40.7 61.1

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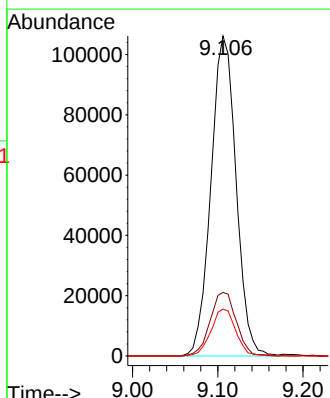
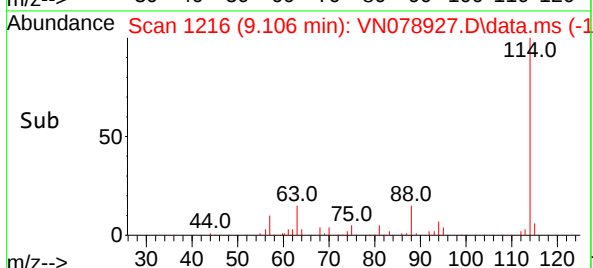
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

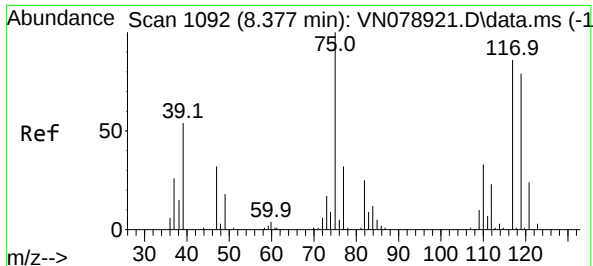


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40



Tgt Ion:114 Resp: 217638
Ion Ratio Lower Upper
114 100
63 20.5 17.4 26.2
88 14.4 12.0 18.0





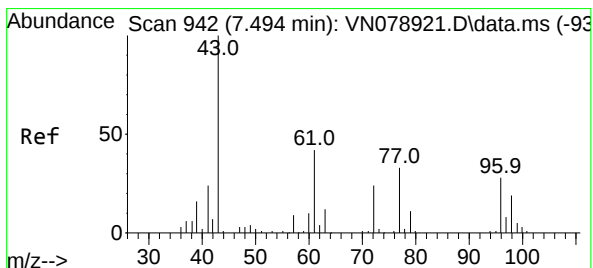
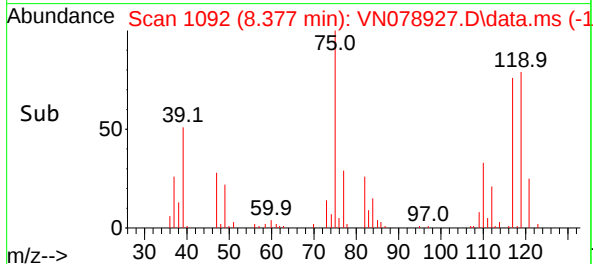
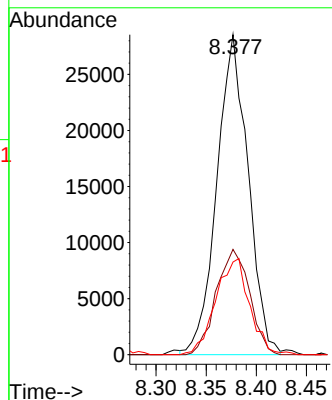
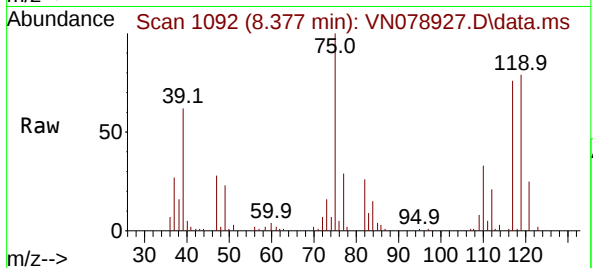
#29
1,1-Dichloropropene
Concen: 18.693 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tgt Ion: 75 Resp: 61889
Ion Ratio Lower Upper
75 100
110 35.1 0.0 65.8
77 32.5 0.0 60.4

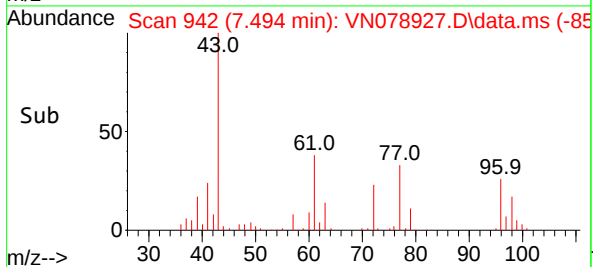
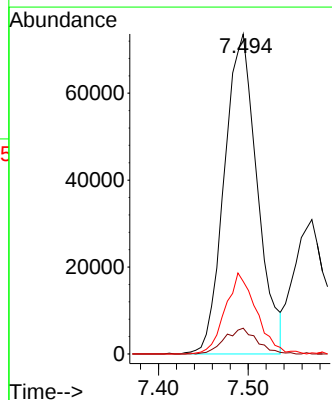
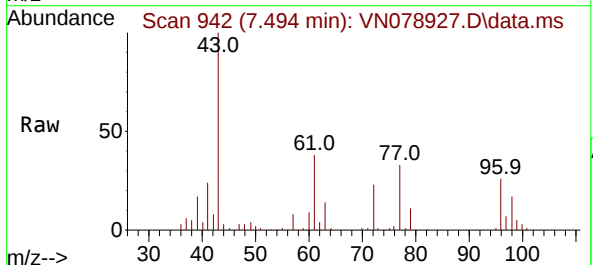
Manual Integrations
APPROVED

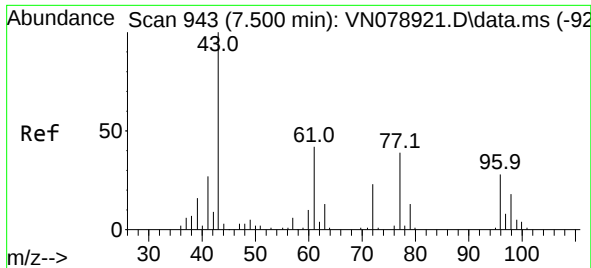
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#30
2-Butanone
Concen: 96.923 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion: 43 Resp: 187852
Ion Ratio Lower Upper
43 100
57 7.9 6.2 9.4
72 23.6 19.4 29.2





#31

2,2-Dichloropropane

Concen: 18.472 ug/l

RT: 7.494 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

Tgt Ion: 77 Resp: 67590

Ion Ratio Lower Upper

77 100

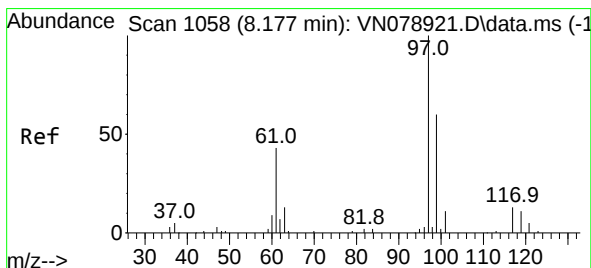
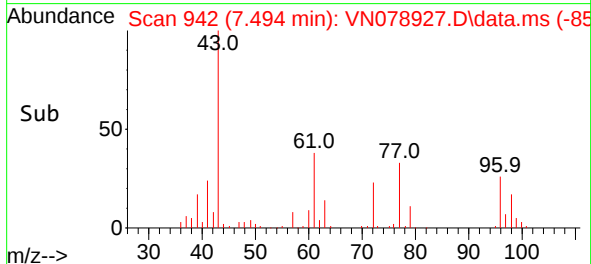
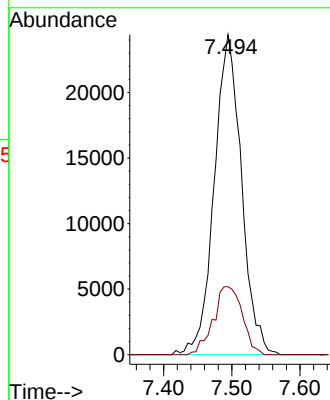
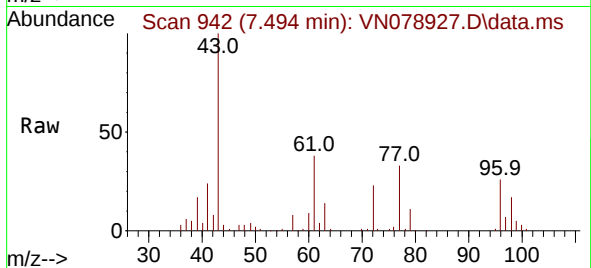
97 22.7 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#32

1,1,1-Trichloroethane

Concen: 18.839 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

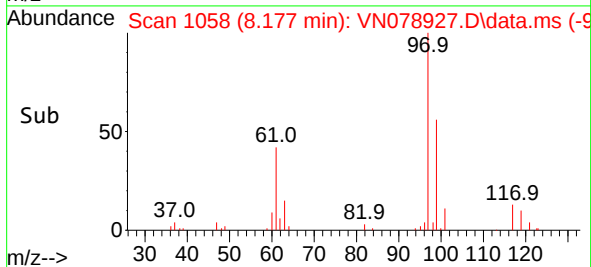
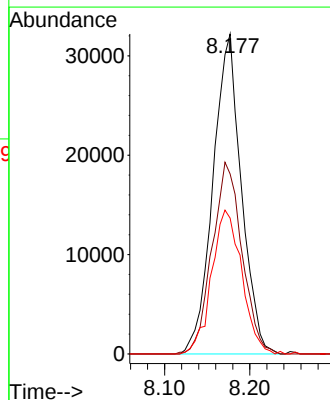
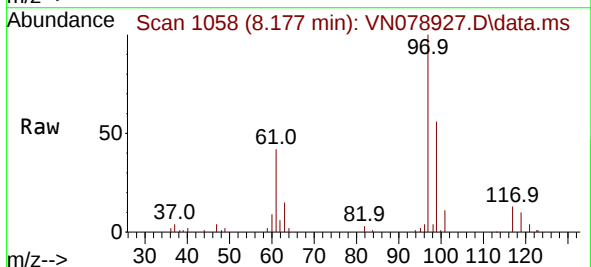
Tgt Ion: 97 Resp: 74466

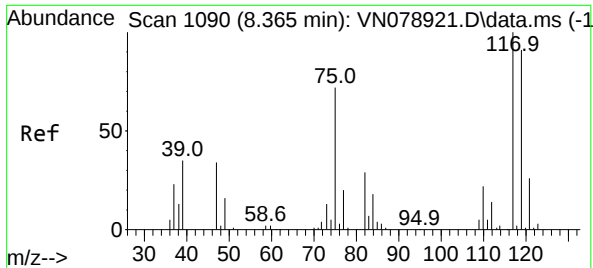
Ion Ratio Lower Upper

97 100

99 63.2 52.0 78.0

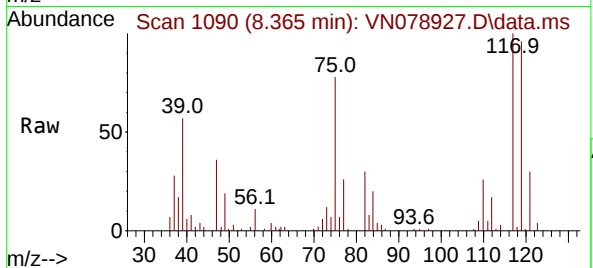
61 47.7 37.0 55.6





#33
Carbon Tetrachloride
Concen: 18.764 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

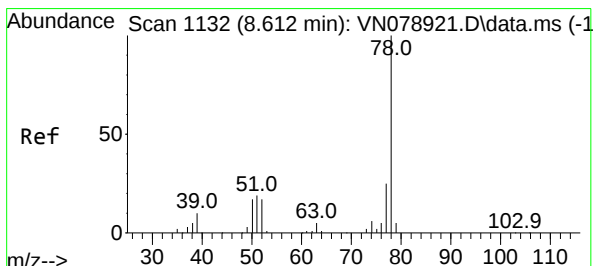
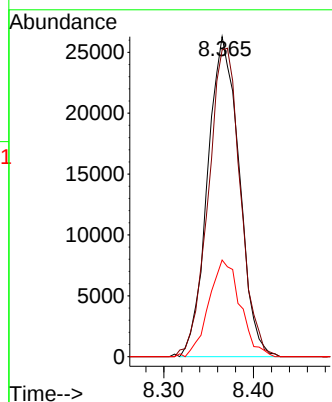
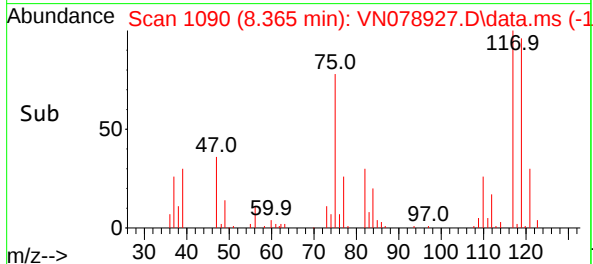
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



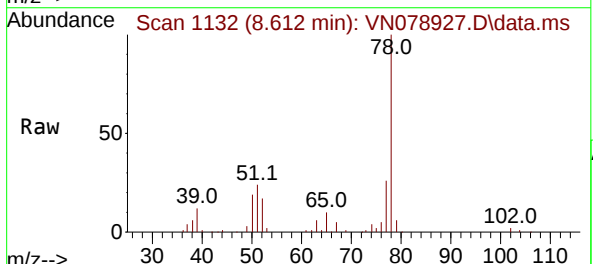
Tgt Ion:117 Resp: 6424
Ion Ratio Lower Upper
117 100
119 95.8 72.6 108.8
121 30.2 20.7 31.1

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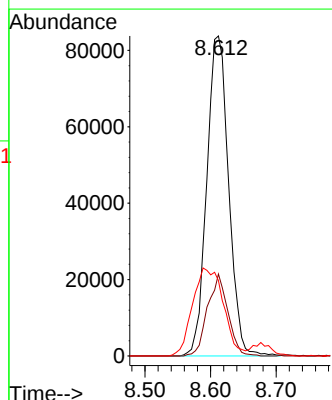
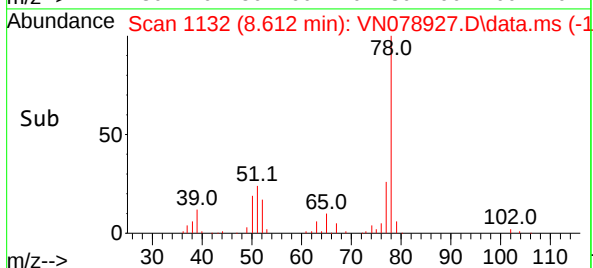
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

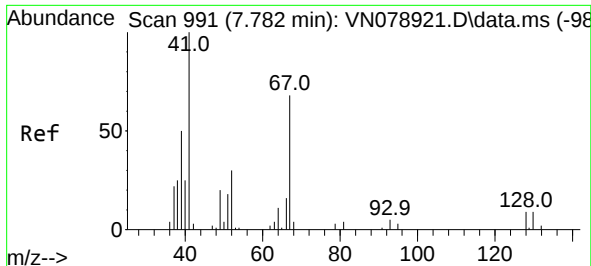


#34
Benzene
Concen: 19.592 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40



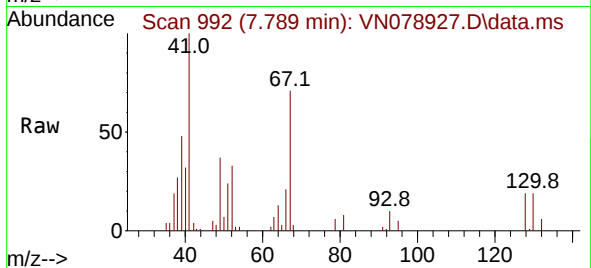
Tgt Ion: 78 Resp: 194383
Ion Ratio Lower Upper
78 100
77 25.6 19.9 29.9
51 23.0 14.8 22.2#





#35
Methacrylonitrile
Concen: 20.134 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

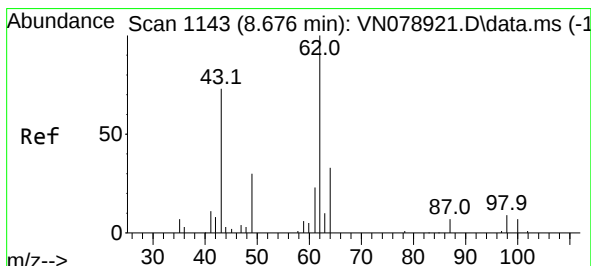
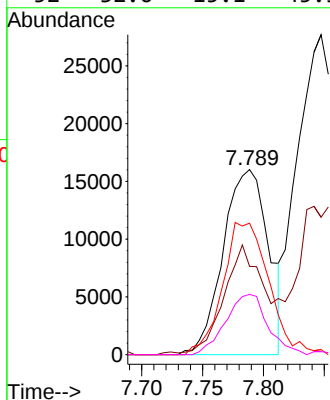
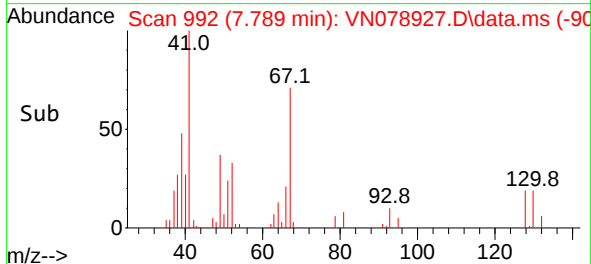
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



Tgt Ion: 41 Resp: 41592
Ion Ratio Lower Upper
41 100
39 46.7 25.0 75.0
67 71.0 34.0 102.0
52 32.6 15.1 45.3

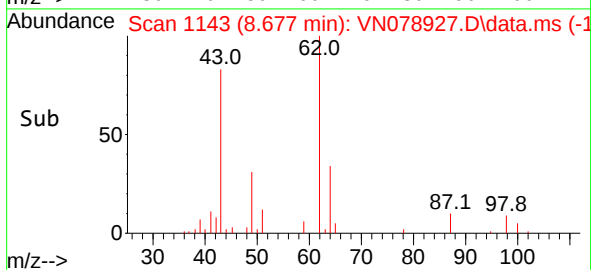
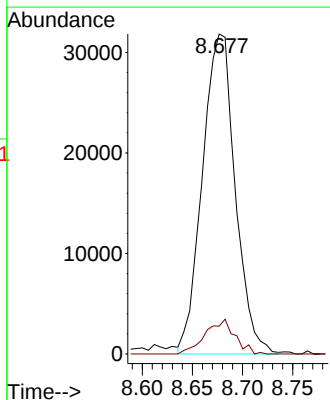
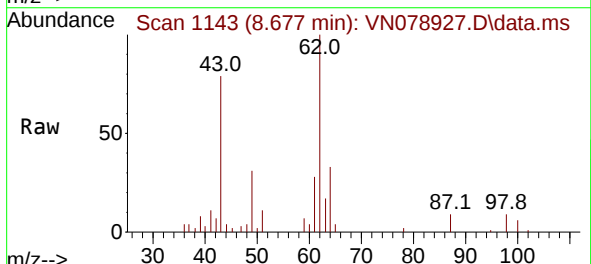
Manual Integrations
APPROVED

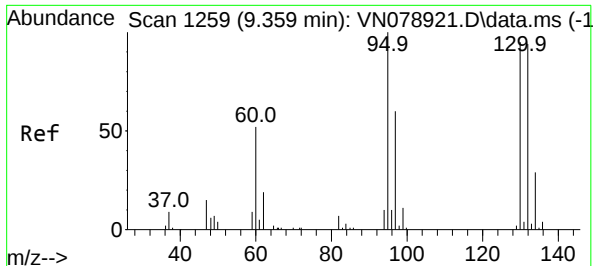
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#36
1,2-Dichloroethane
Concen: 19.529 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion: 62 Resp: 72557
Ion Ratio Lower Upper
62 100
98 9.6 8.1 12.1





#37

Trichloroethene

Concen: 18.213 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

Tgt Ion:130 Resp: 44979

Ion Ratio Lower Upper

130 100

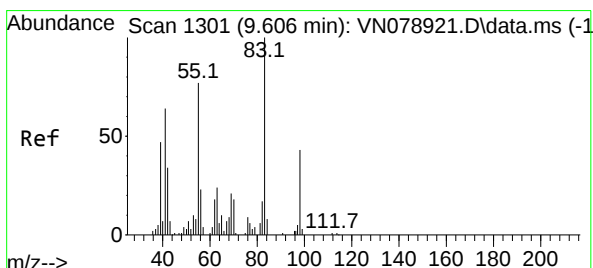
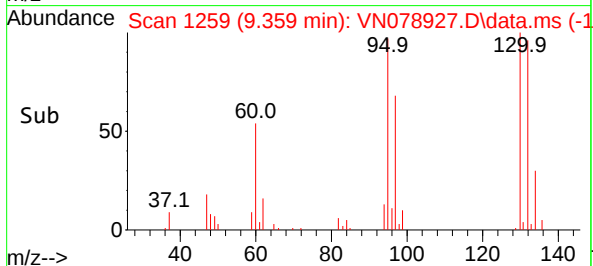
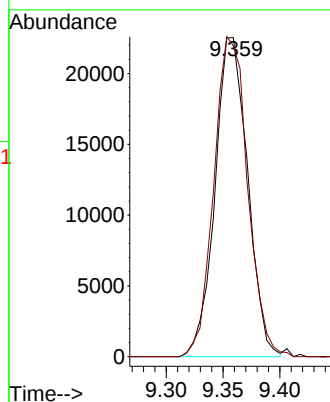
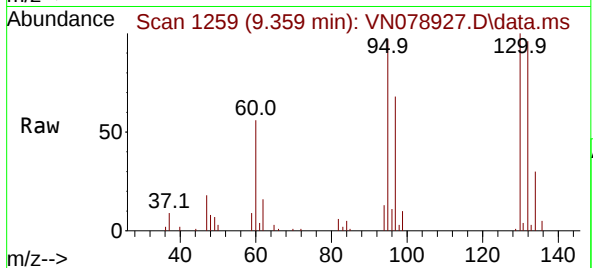
95 97.5 84.6 127.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#38

Methylcyclohexane

Concen: 18.120 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

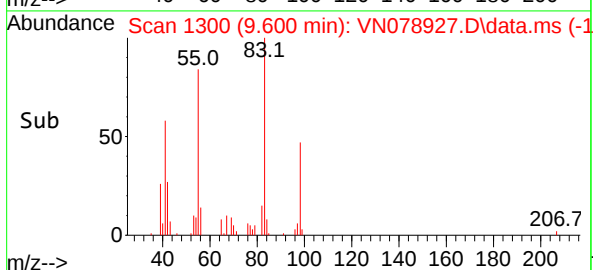
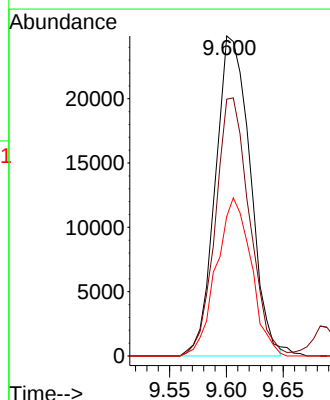
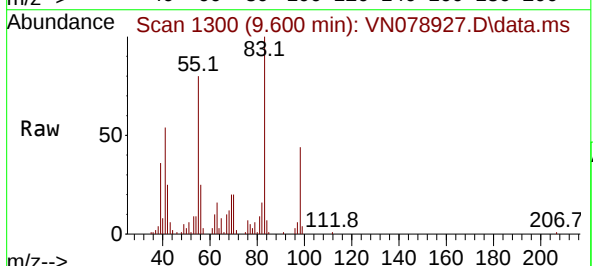
Tgt Ion: 83 Resp: 52815

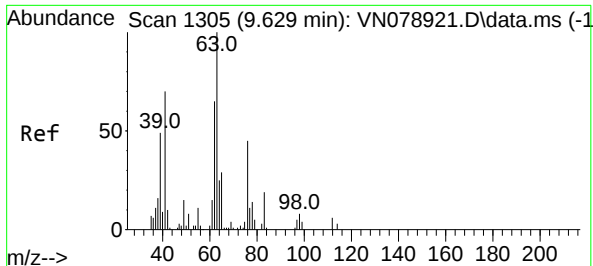
Ion Ratio Lower Upper

83 100

55 79.2 40.2 120.6

98 49.6 24.1 72.3





#39

1,2-Dichloropropane

Concen: 19.383 ug/l

RT: 9.624 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

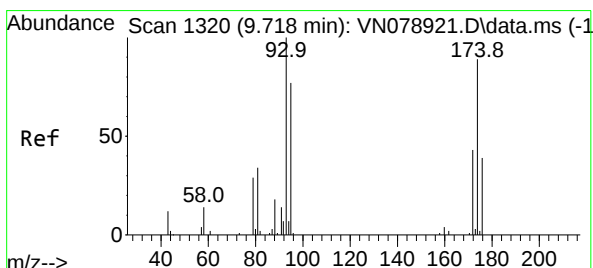
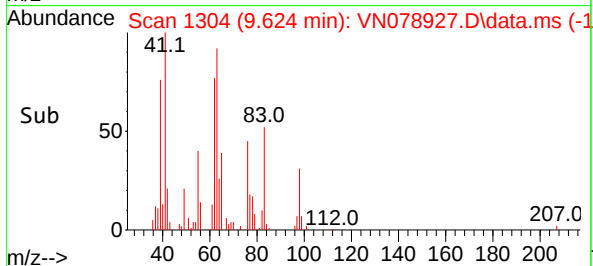
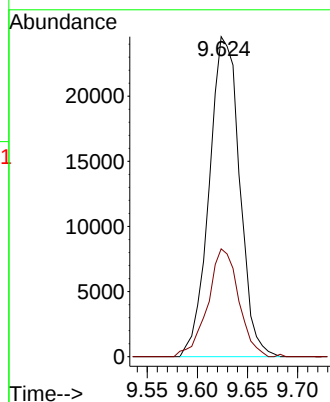
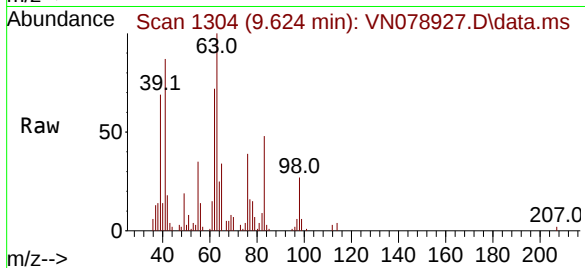
Tgt Ion: 63 Resp: 5180
 Ion Ratio Lower Upper
 63 100
 65 32.9 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#40

Dibromomethane

Concen: 20.047 ug/l

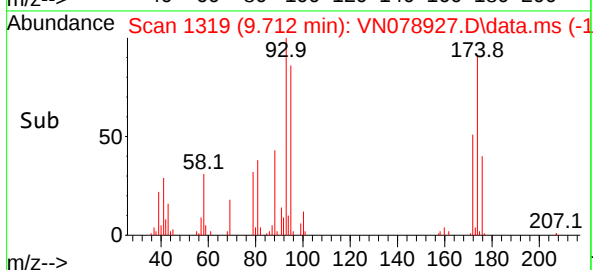
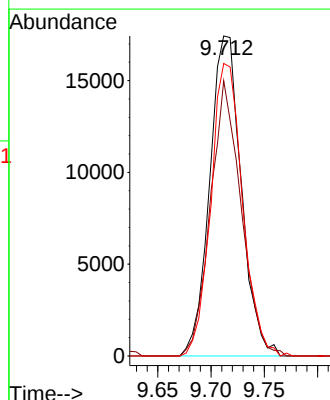
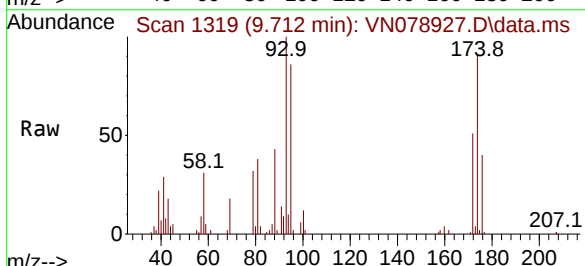
RT: 9.712 min Scan# 1319

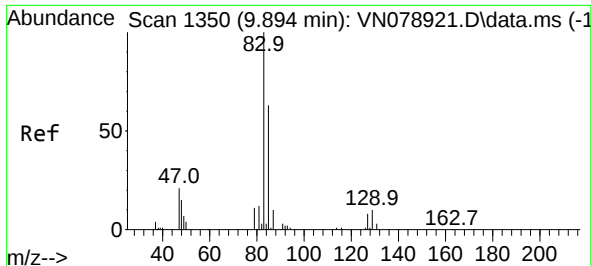
Delta R.T. -0.006 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Tgt Ion: 93 Resp: 35911
 Ion Ratio Lower Upper
 93 100
 95 83.5 0.0 162.0
 174 91.4 0.0 188.6





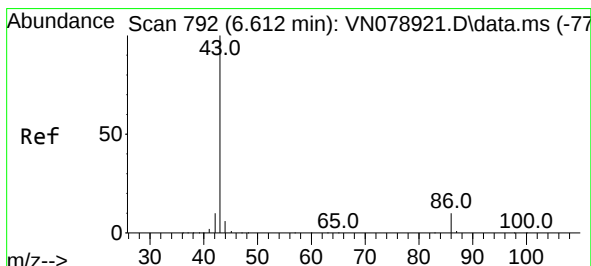
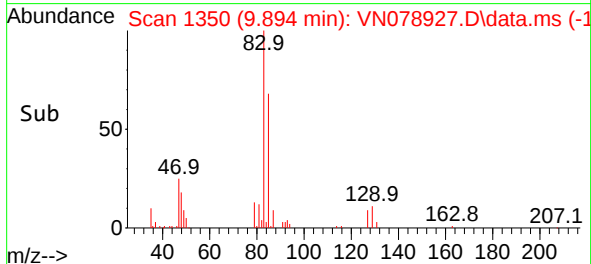
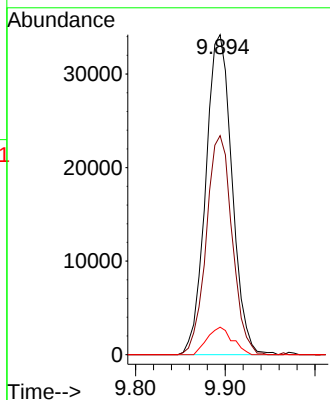
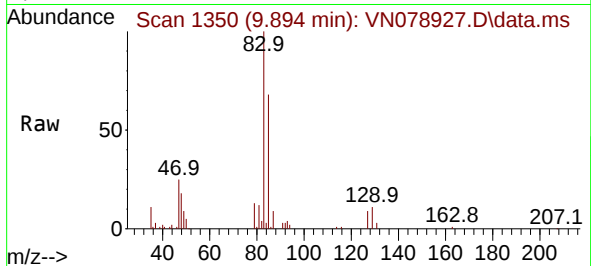
#41
Bromodichloromethane
Concen: 19.319 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tgt Ion: 83 Resp: 69598
Ion Ratio Lower Upper
83 100
85 68.5 50.2 75.2
127 8.6 6.2 9.4

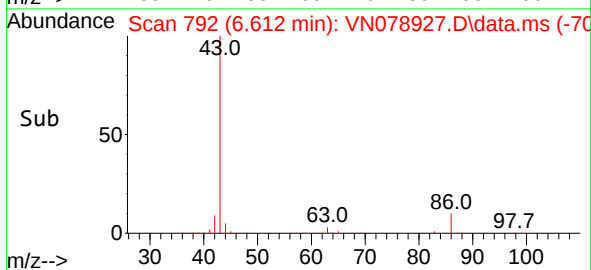
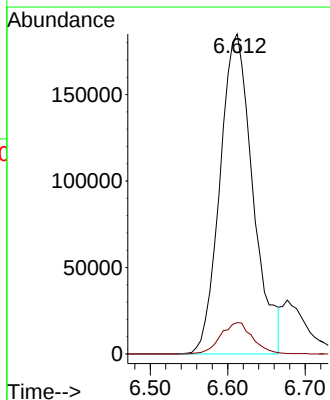
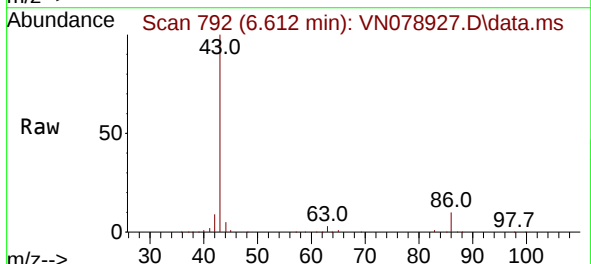
Manual Integrations
APPROVED

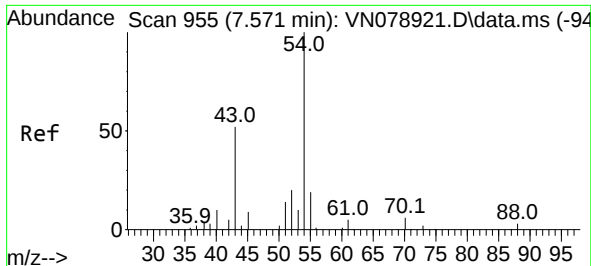
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#42
Vinyl Acetate
Concen: 100.288 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion: 43 Resp: 548023
Ion Ratio Lower Upper
43 100
86 9.5 7.4 11.0





#43

Ethyl Acetate

Concen: 20.270 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

Tgt Ion: 43 Resp: 7621

Ion Ratio Lower Upper

43 100

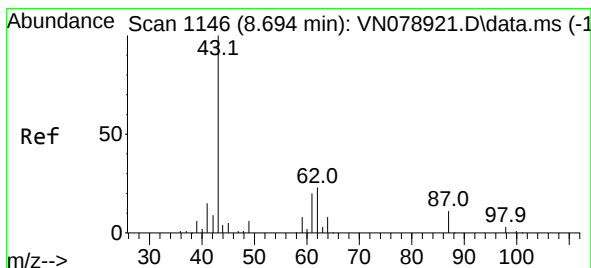
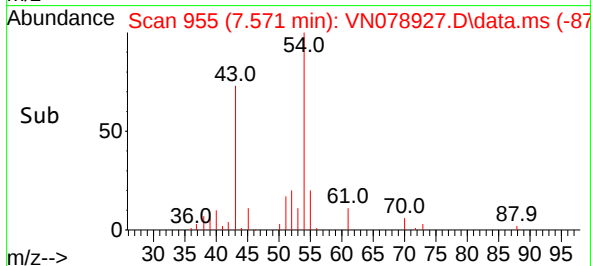
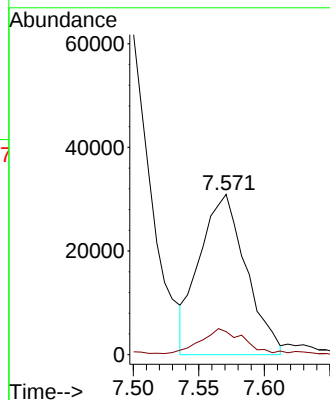
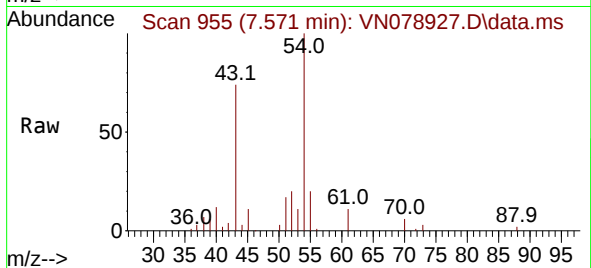
45 15.1 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#44

Isopropyl Acetate

Concen: 19.913 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078927.D

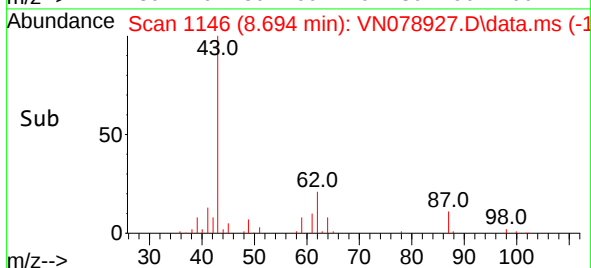
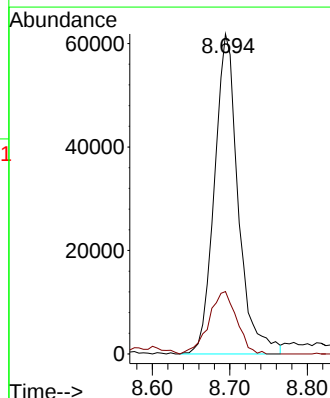
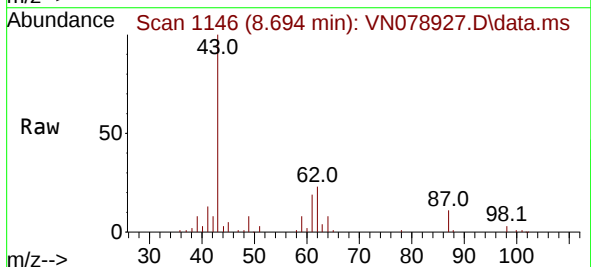
Acq: 17 Aug 2023 15:40

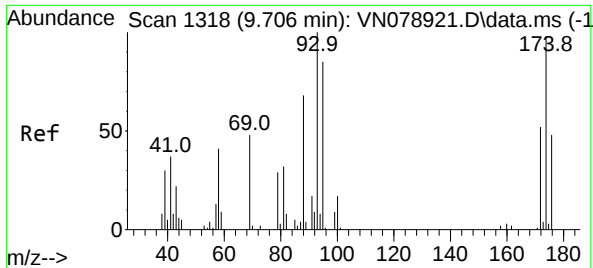
Tgt Ion: 43 Resp: 131931

Ion Ratio Lower Upper

43 100

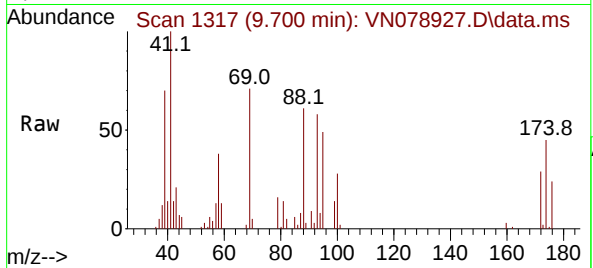
61 22.9 19.0 28.4





#45
1,4-Dioxane
Concen: 427.707 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

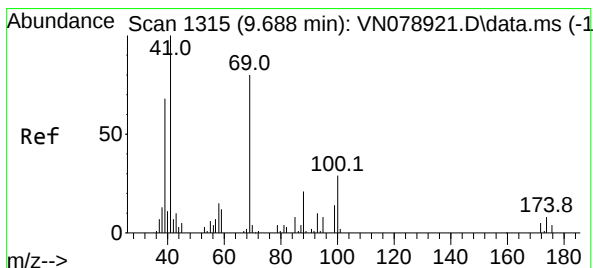
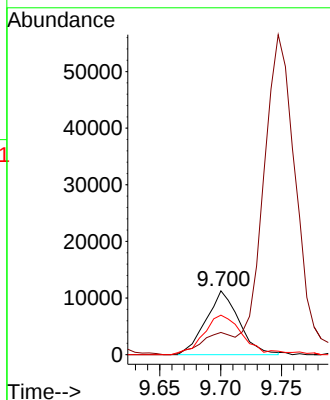
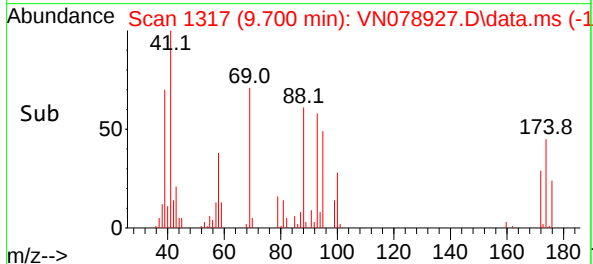
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



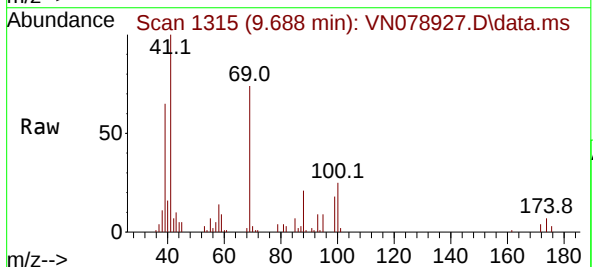
Tgt Ion: 88 Resp: 21324
Ion Ratio Lower Upper
88 100
43 34.8 28.1 42.1
58 69.4 57.0 85.4

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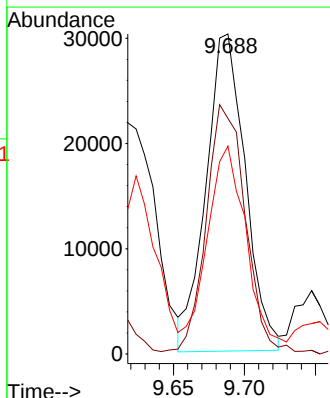
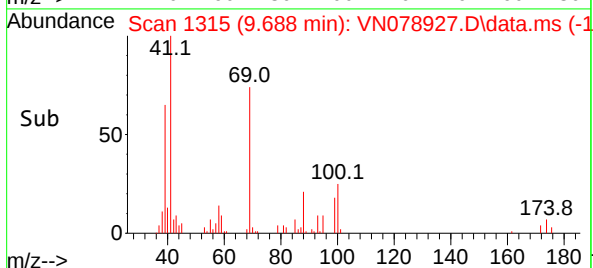
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

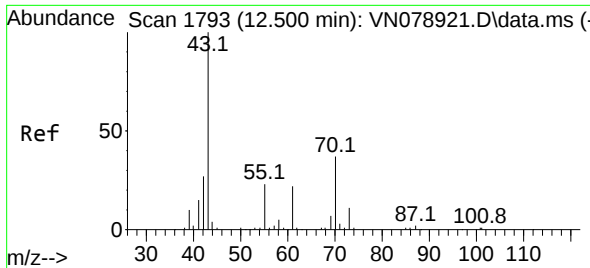


#46
Methyl methacrylate
Concen: 19.903 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40



Tgt Ion: 41 Resp: 58098
Ion Ratio Lower Upper
41 100
69 76.3 38.5 115.5
39 63.4 35.9 107.8





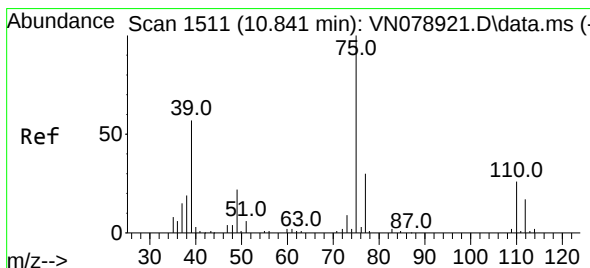
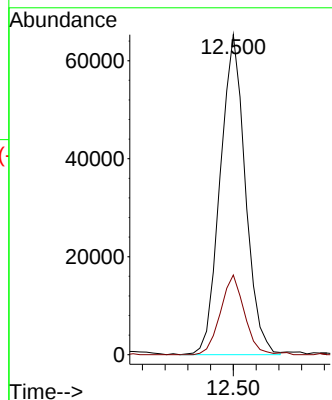
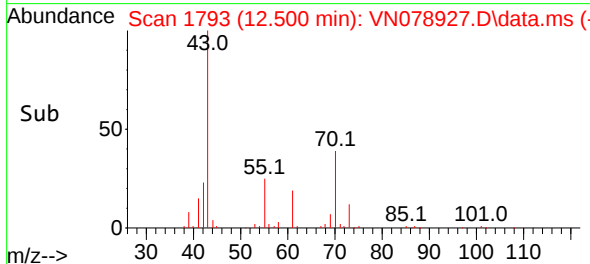
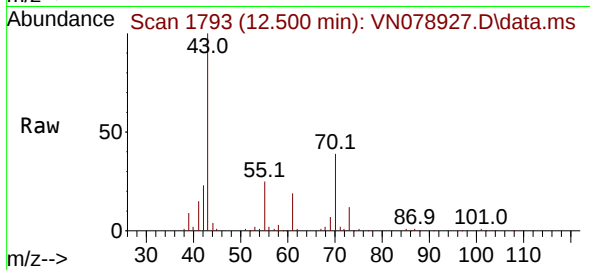
#47
n-amy1 Acetate
Concen: 19.792 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tgt Ion: 43 Resp: 100625
Ion Ratio Lower Upper
43 100
55 23.5 17.5 26.3

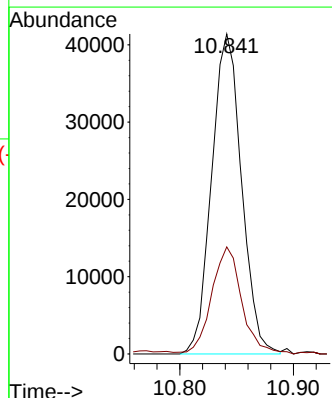
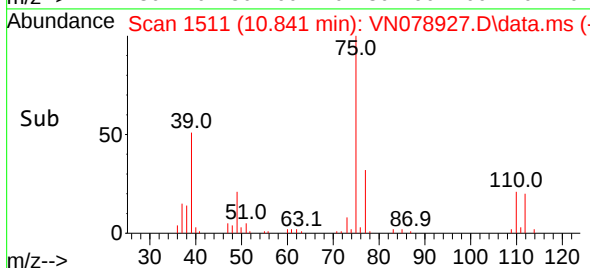
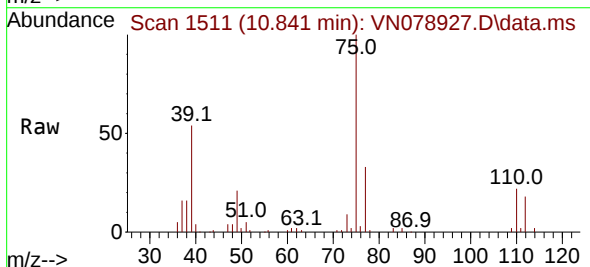
Manual Integrations
APPROVED

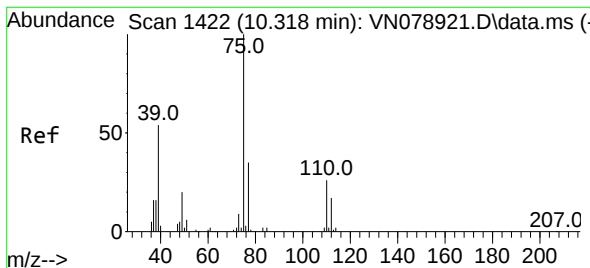
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#48
t-1,3-Dichloropropene
Concen: 19.695 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

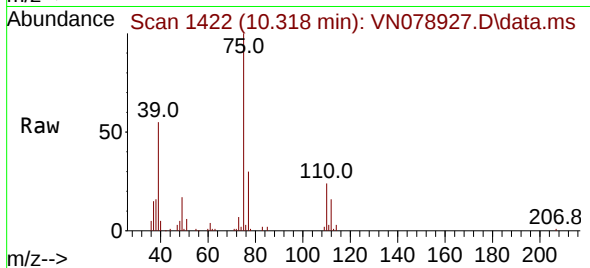
Tgt Ion: 75 Resp: 75565
Ion Ratio Lower Upper
75 100
77 32.9 23.7 35.5





#49
cis-1,3-Dichloropropene
Concen: 19.984 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

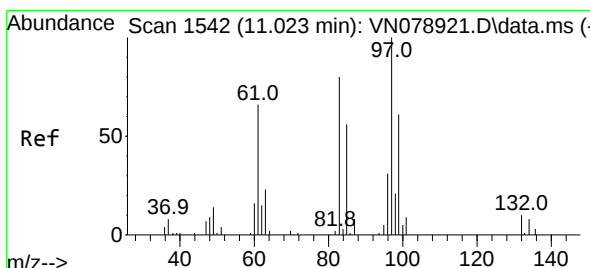
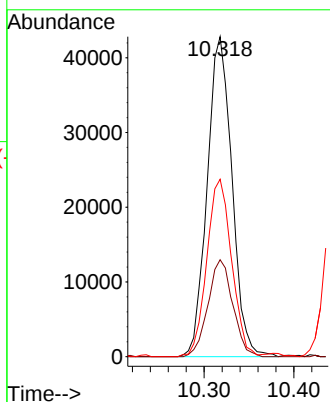
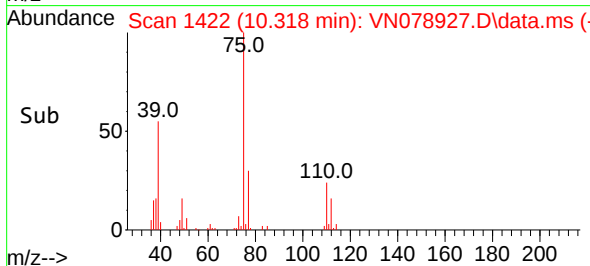
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



Tgt Ion: 75 Resp: 82219
Ion Ratio Lower Upper
75 100
77 30.3 27.8 41.8
39 55.4 43.5 65.3

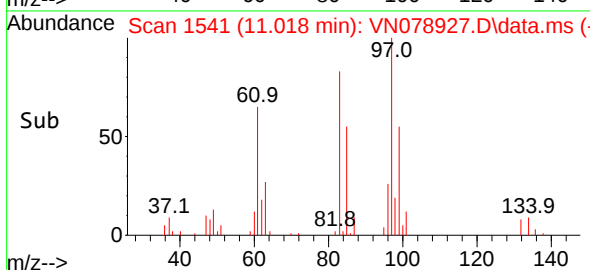
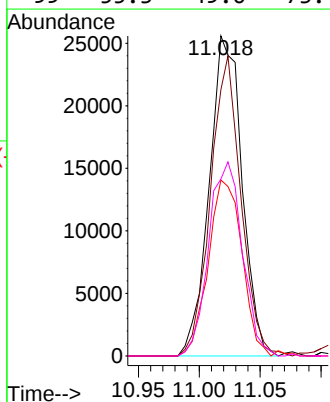
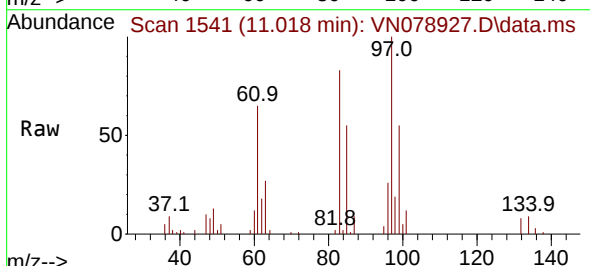
Manual Integrations
APPROVED

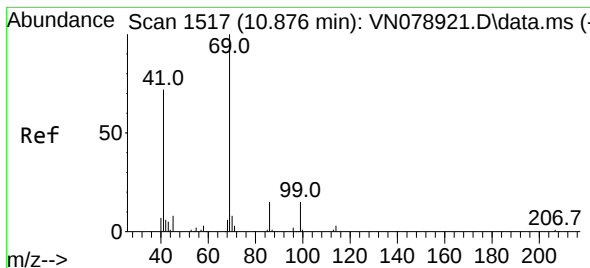
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#50
1,1,2-Trichloroethane
Concen: 19.800 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

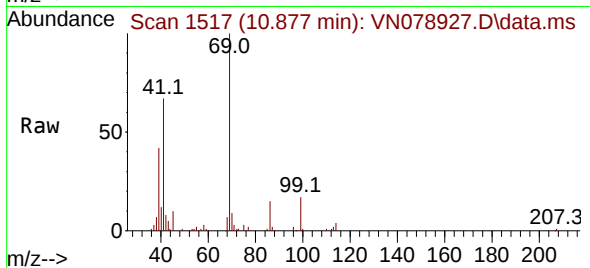
Tgt Ion: 97 Resp: 47932
Ion Ratio Lower Upper
97 100
83 83.2 63.7 95.5
85 55.0 44.9 67.3
99 55.3 49.0 73.4





#51
Ethyl methacrylate
Concen: 19.906 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

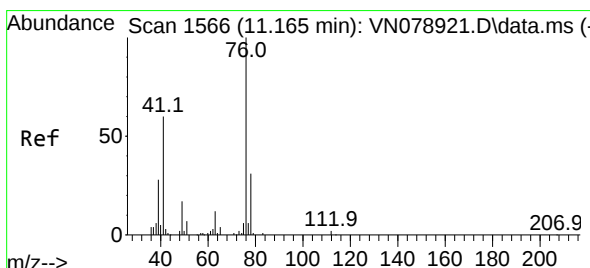
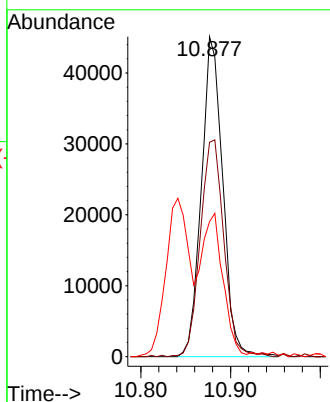
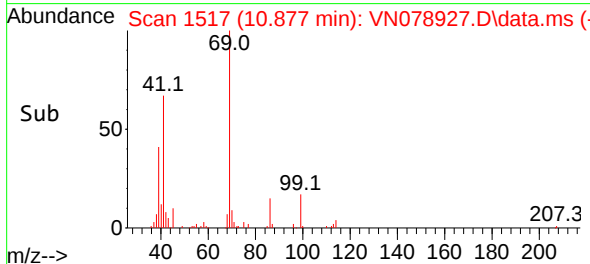
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



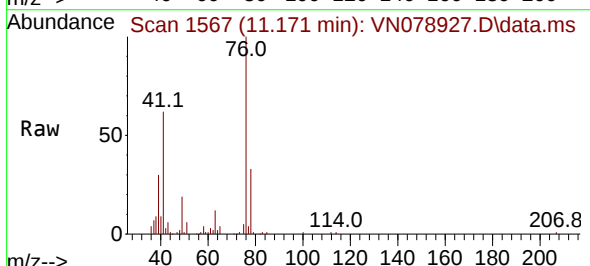
Tgt Ion: 69 Resp: 7458
Ion Ratio Lower Upper
69 100
41 67.0 35.9 107.8
39 41.8 23.5 70.5

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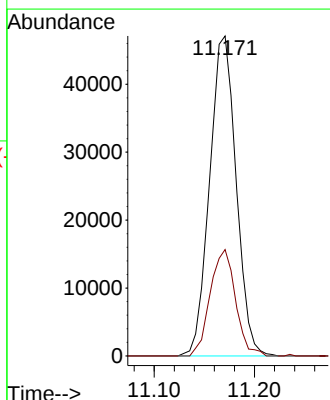
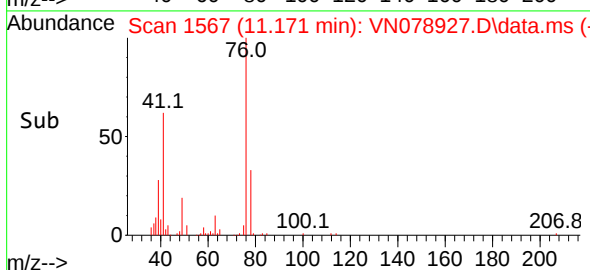
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

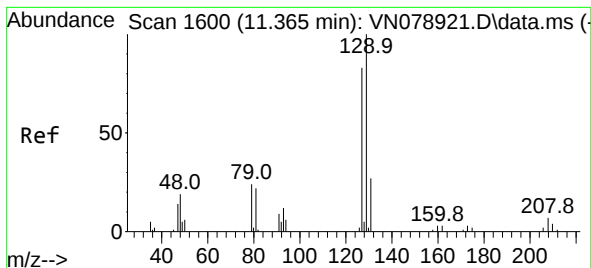


#52
1,3-Dichloropropane
Concen: 19.988 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40



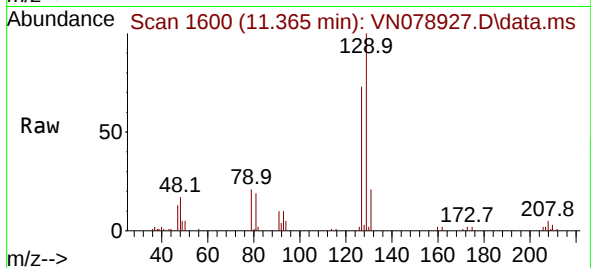
Tgt Ion: 76 Resp: 86668
Ion Ratio Lower Upper
76 100
78 31.4 0.0 64.6





#53
Dibromochloromethane
Concen: 19.644 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

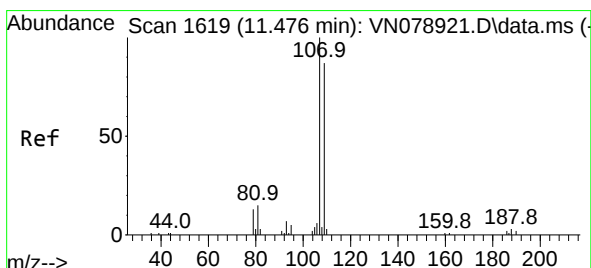
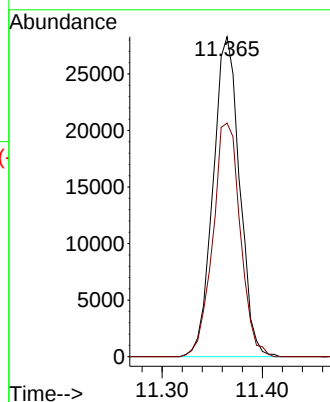
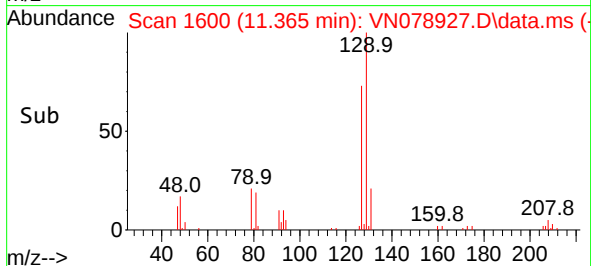
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



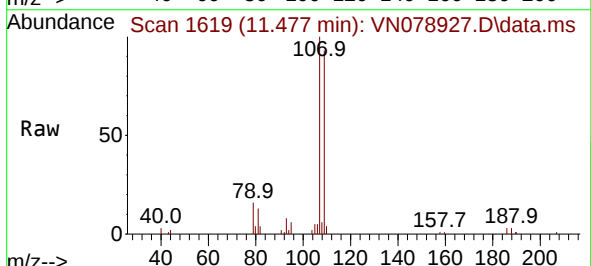
Tgt Ion:129 Resp: 52049
Ion Ratio Lower Upper
129 100
127 75.5 40.1 120.2

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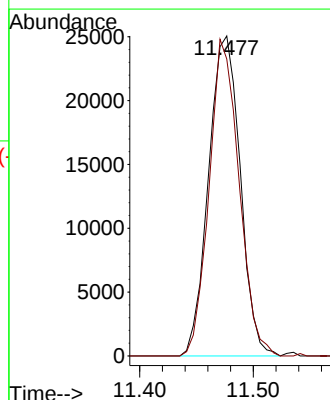
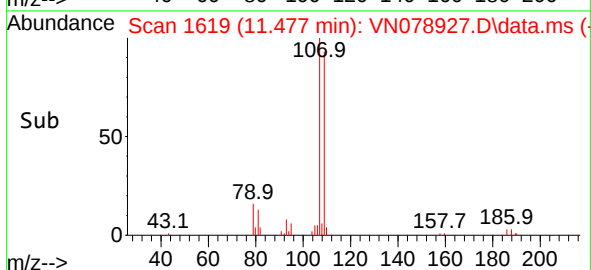
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

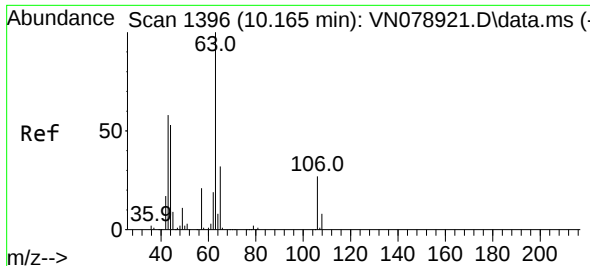


#54
1,2-Dibromoethane
Concen: 19.527 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40



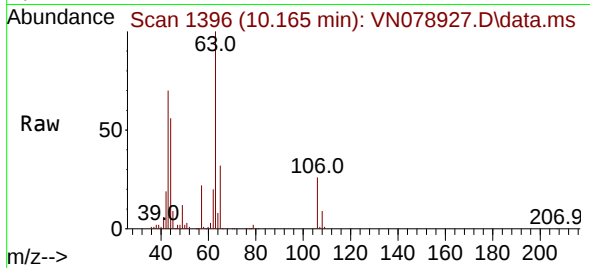
Tgt Ion:107 Resp: 48530
Ion Ratio Lower Upper
107 100
109 93.5 71.7 107.5





#55
2-Chloroethyl vinyl ether
Concen: 102.904 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

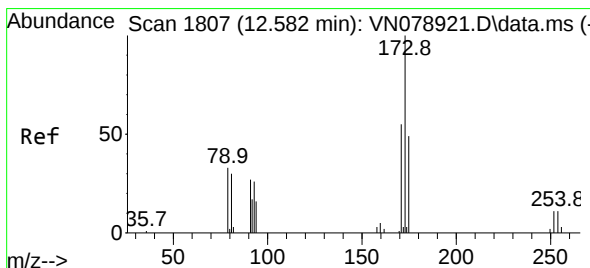
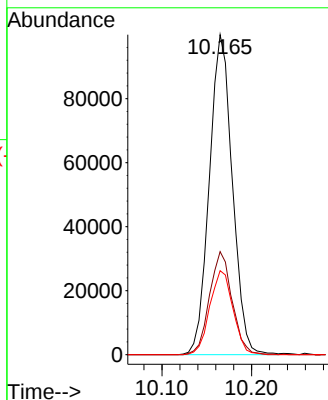
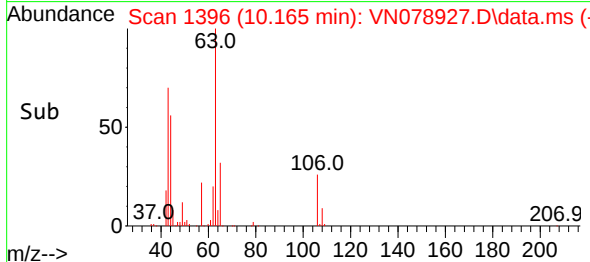
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



Tgt Ion: 63 Resp: 178214
Ion Ratio Lower Upper
63 100
65 31.7 25.4 38.2
106 26.4 22.3 33.5

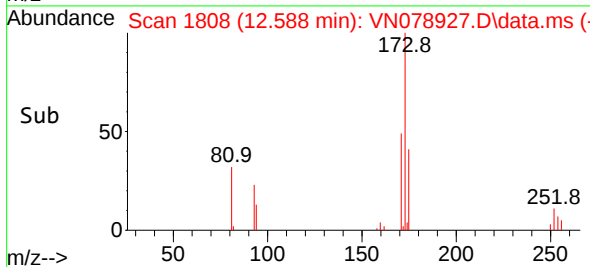
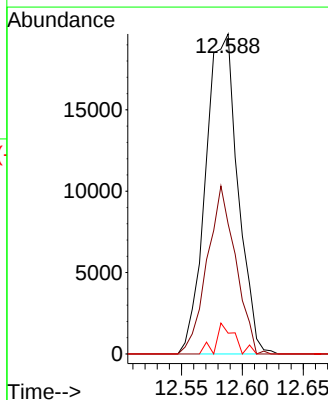
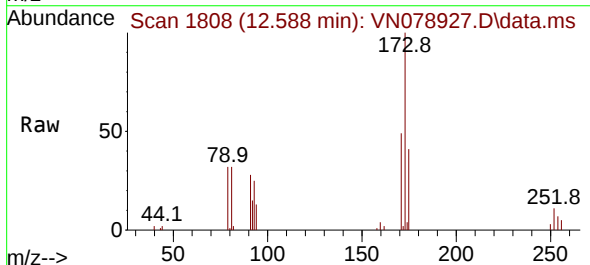
Manual Integrations
APPROVED

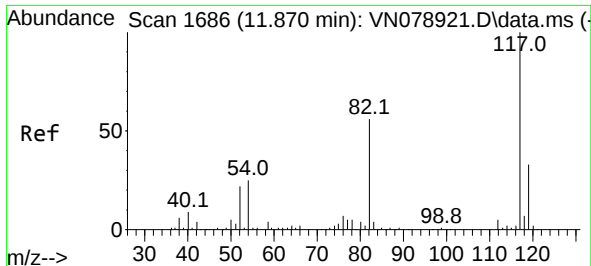
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#56
Bromoform
Concen: 19.426 ug/l
RT: 12.588 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

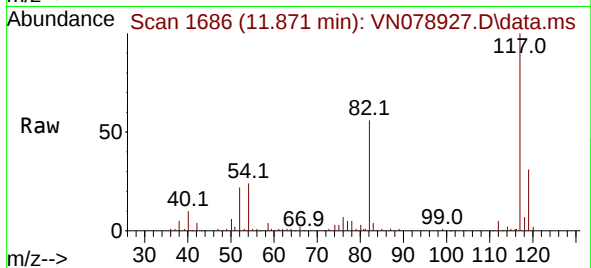
Tgt Ion:173 Resp: 36314
Ion Ratio Lower Upper
173 100
175 46.2 38.8 58.2
254 4.3 7.6 11.4#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

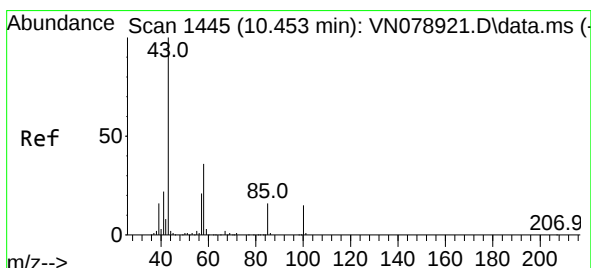
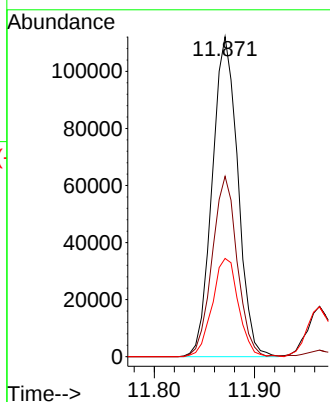
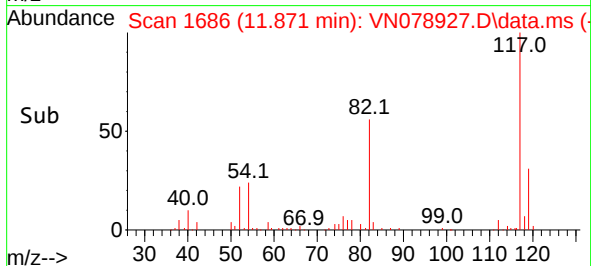
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



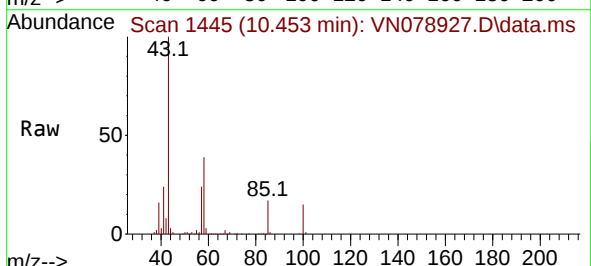
Tgt Ion:117 Resp: 199114
Ion Ratio Lower Upper
117 100
82 55.1 43.4 65.0
119 31.3 25.5 38.3

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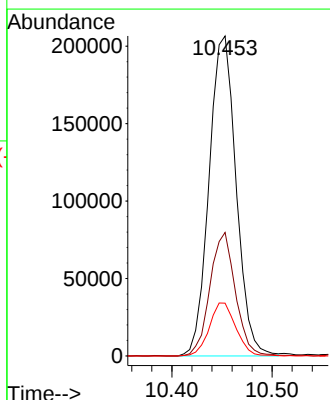
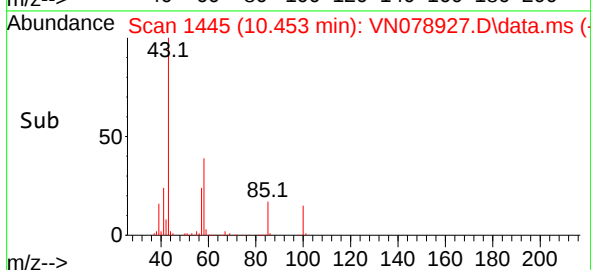
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

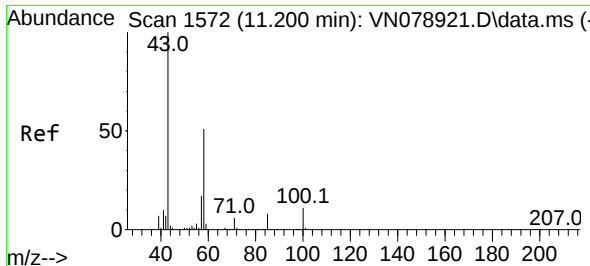


#58
4-Methyl-2-Pentanone
Concen: 98.342 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40



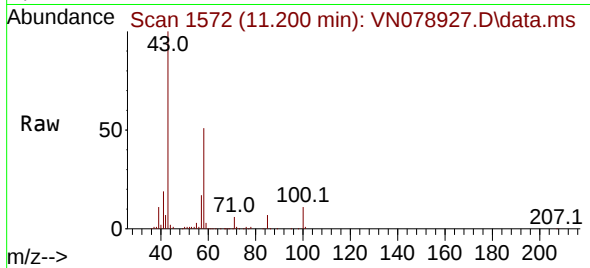
Tgt Ion: 43 Resp: 388499
Ion Ratio Lower Upper
43 100
58 36.4 28.8 43.2
85 16.3 12.7 19.1





#59
2-Hexanone
Concen: 95.931 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

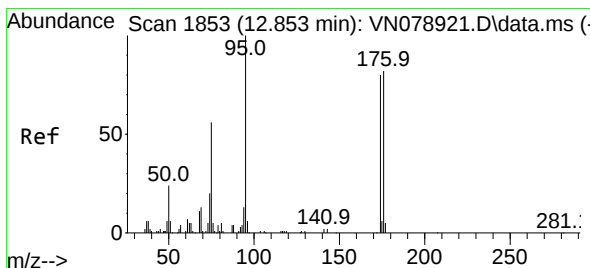
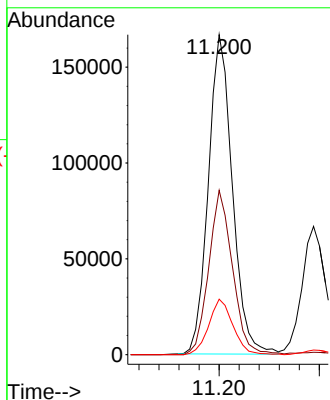
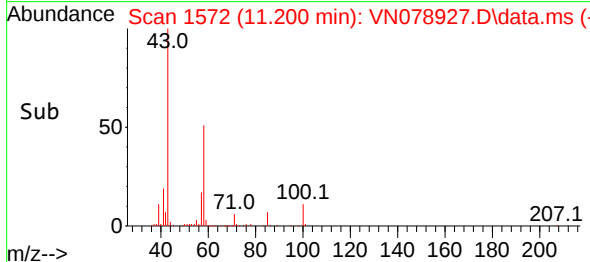
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



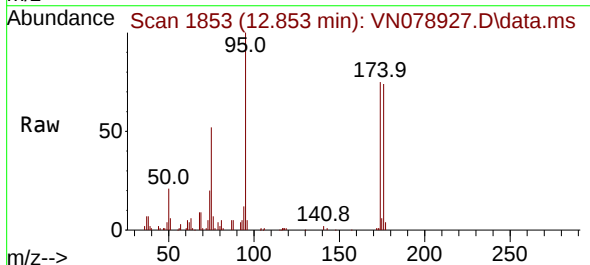
Tgt Ion: 43 Resp: 277669
Ion Ratio Lower Upper
43 100
58 50.9 40.6 60.8
57 17.5 13.6 20.4

Manual Integrations
APPROVED

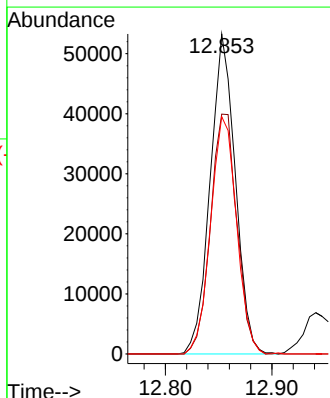
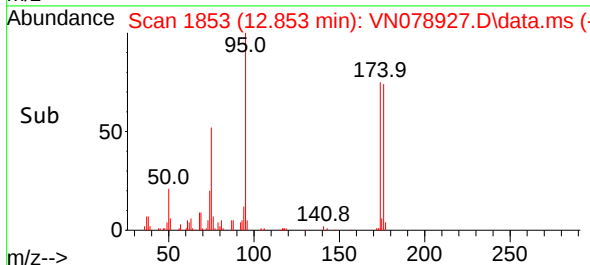
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

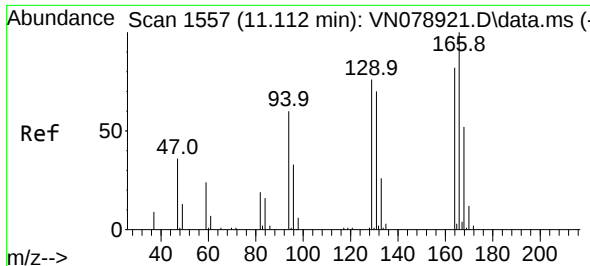


#60
4-Bromofluorobenzene
Concen: 29.985 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40



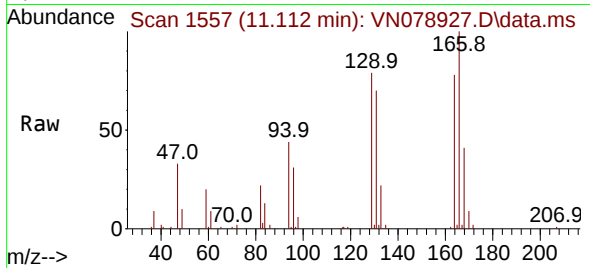
Tgt Ion: 95 Resp: 87091
Ion Ratio Lower Upper
95 100
174 78.8 64.8 97.2
176 76.7 63.0 94.6





#61
Tetrachloroethene
Concen: 18.335 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

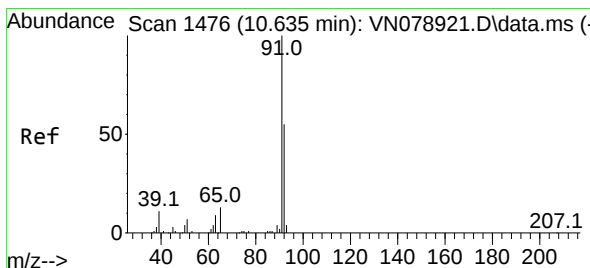
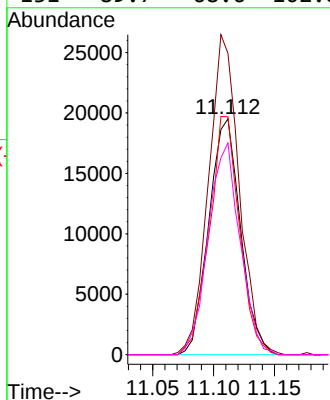
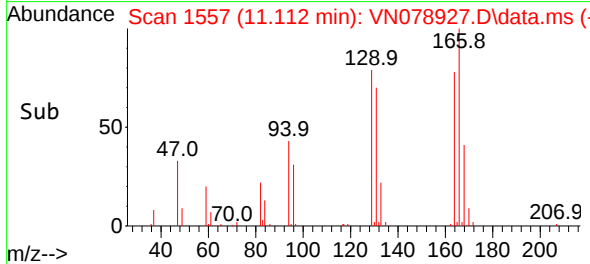
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



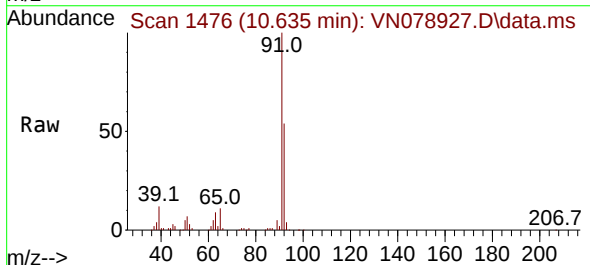
Tgt Ion:164 Resp: 3534
Ion Ratio Lower Upper
164 100
166 126.9 97.6 146.4
129 100.9 74.1 111.1
131 89.7 68.6 102.8

Manual Integrations
APPROVED

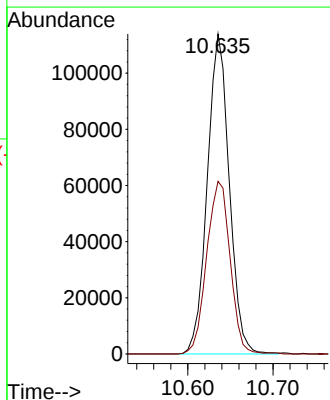
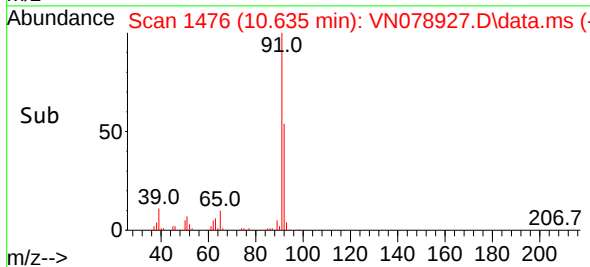
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

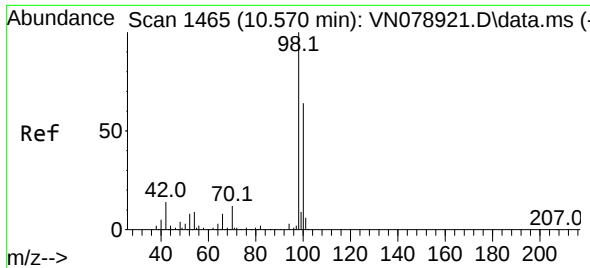


#62
Toluene
Concen: 18.772 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40



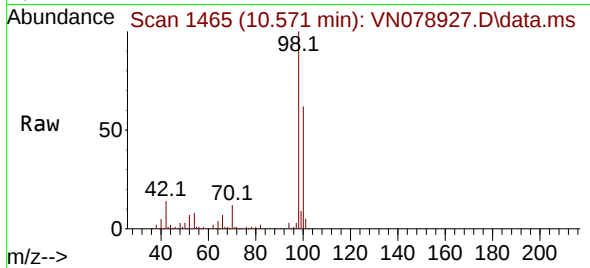
Tgt Ion: 91 Resp: 204064
Ion Ratio Lower Upper
91 100
92 57.5 44.7 67.1





#63
Toluene-d8
Concen: 29.280 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

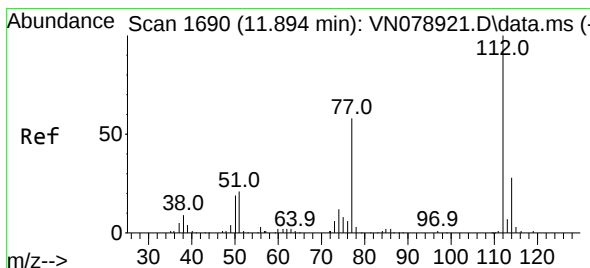
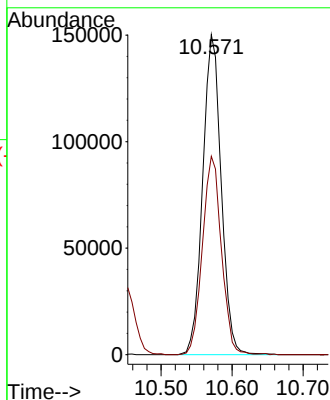
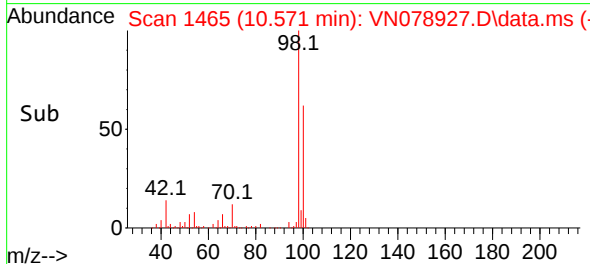
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



Tgt Ion: 98 Resp: 272262
Ion Ratio Lower Upper
98 100
100 63.5 51.1 76.7

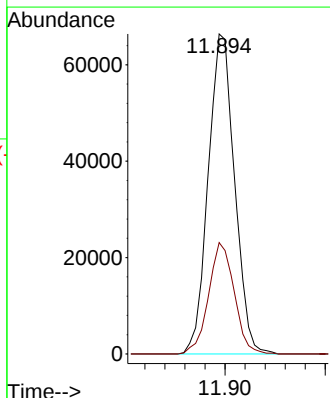
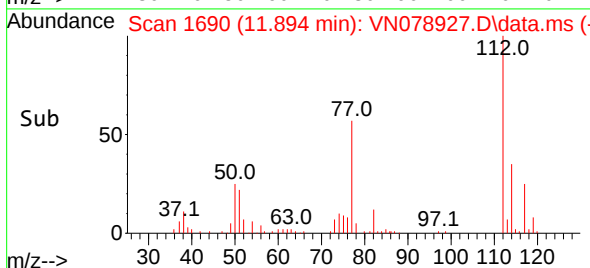
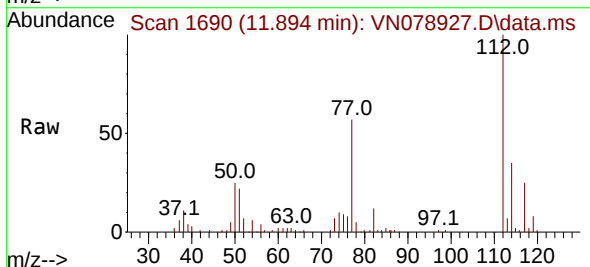
Manual Integrations
APPROVED

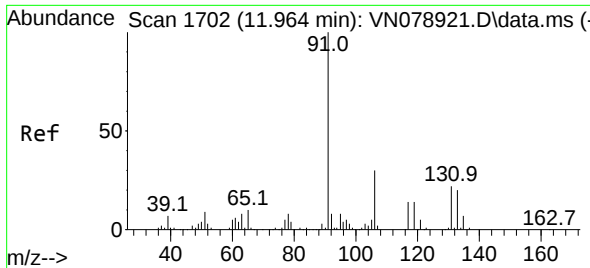
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#64
Chlorobenzene
Concen: 18.582 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion:112 Resp: 121456
Ion Ratio Lower Upper
112 100
114 34.8 22.4 33.6#





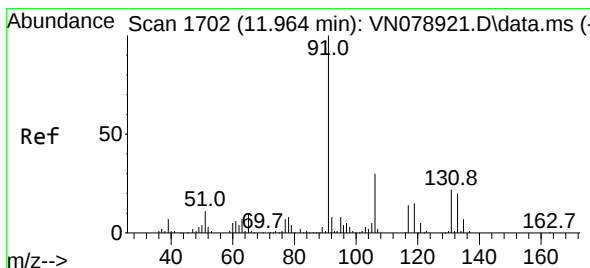
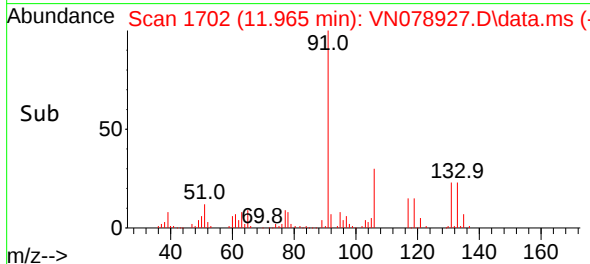
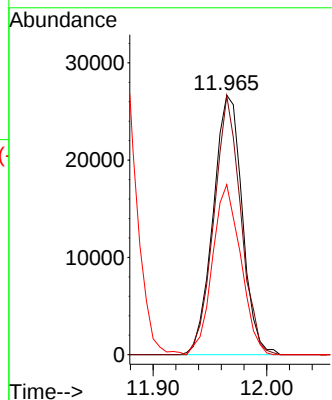
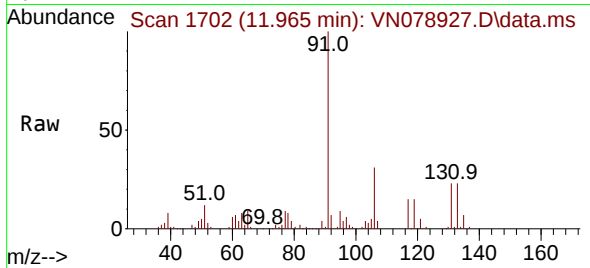
#65
1,1,1,2-Tetrachloroethane
Concen: 19.002 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tgt Ion:131 Resp: 47490
Ion Ratio Lower Upper
131 100
133 92.3 0.0 184.8
119 63.6 0.0 133.4

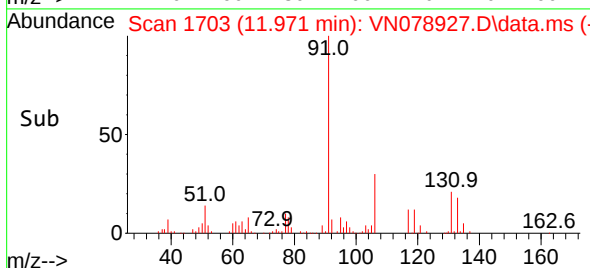
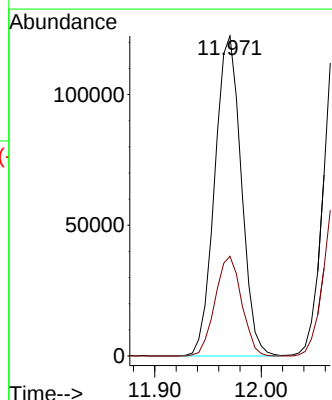
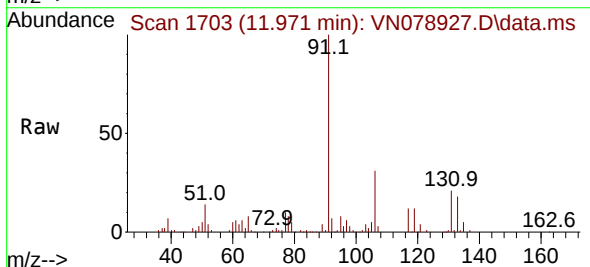
Manual Integrations
APPROVED

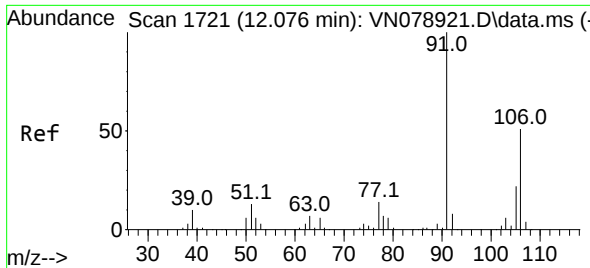
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#66
Ethyl Benzene
Concen: 18.599 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion: 91 Resp: 211488
Ion Ratio Lower Upper
91 100
106 31.2 24.1 36.1





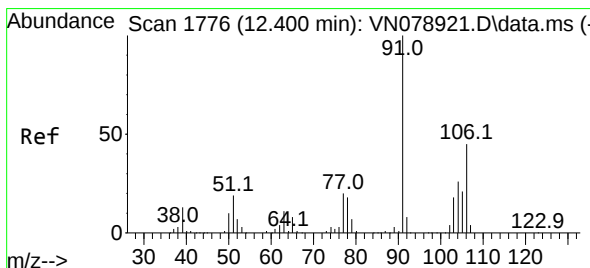
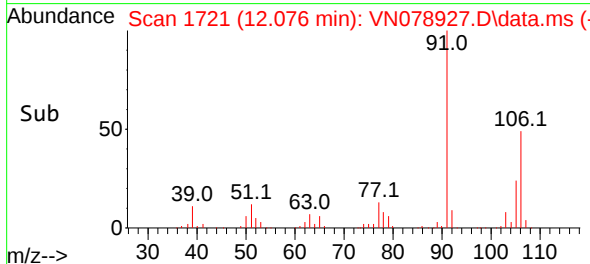
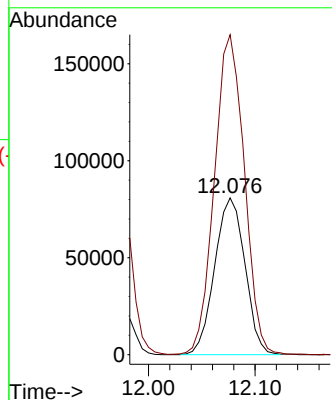
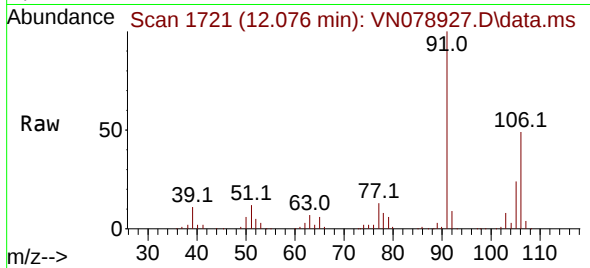
#67
m/p-Xylenes
Concen: 37.656 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tgt Ion:106 Resp: 15965
Ion Ratio Lower Upper
106 100
91 202.0 161.2 241.8

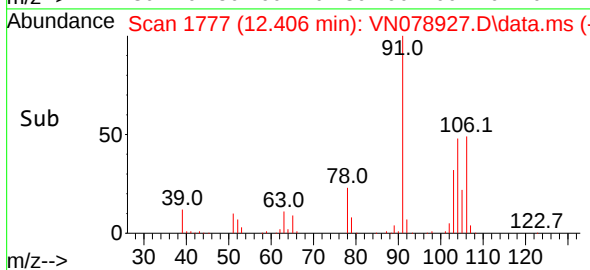
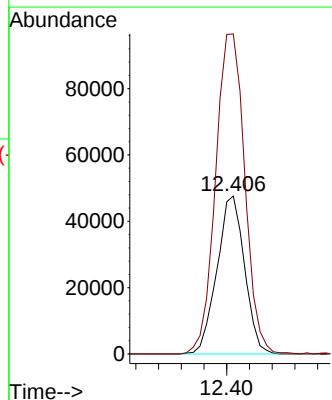
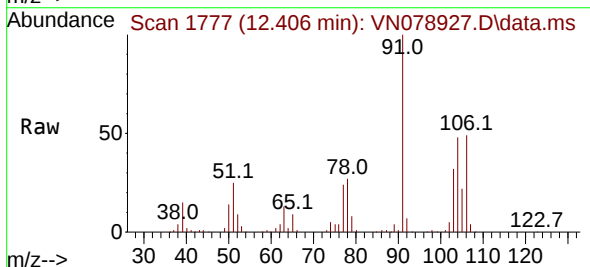
Manual Integrations
APPROVED

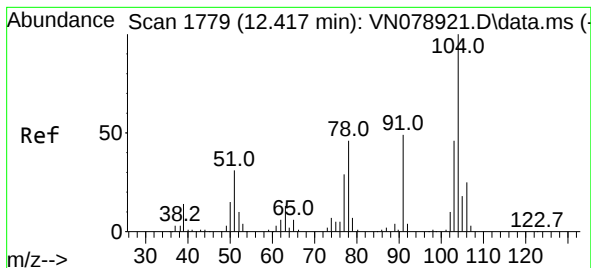
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#68
o-Xylene
Concen: 19.178 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion:106 Resp: 80169
Ion Ratio Lower Upper
106 100
91 214.5 109.0 327.0





#69

Styrene

Concen: 19.061 ug/l

RT: 12.418 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

Tgt Ion:104 Resp: 129474

Ion Ratio Lower Upper

104 100

78 49.7 40.2 60.4

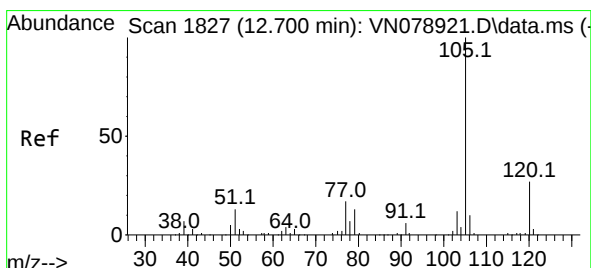
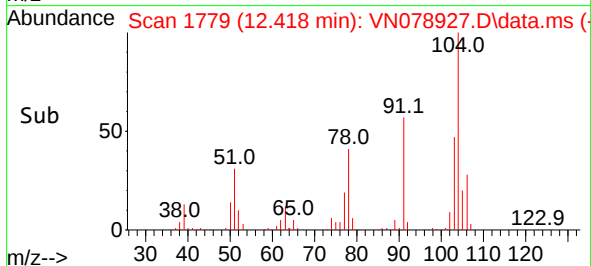
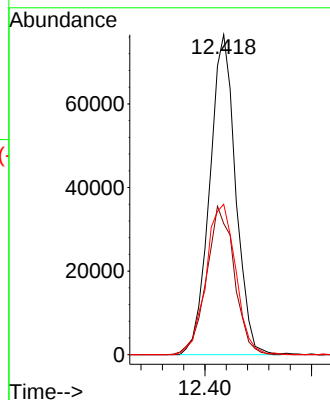
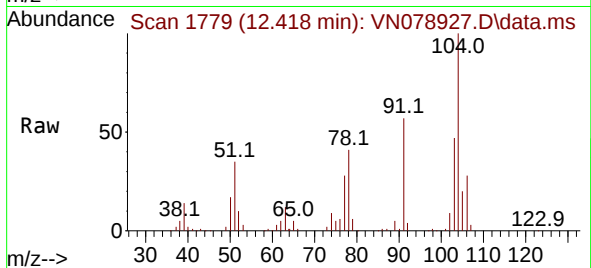
103 53.5 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#70

Isopropylbenzene

Concen: 17.830 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN078927.D

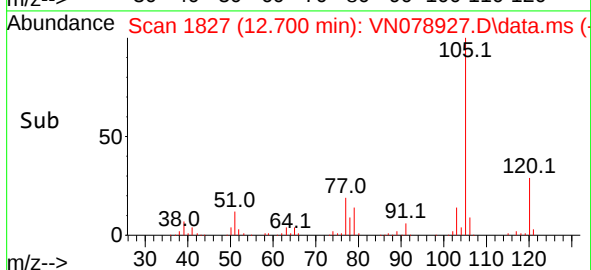
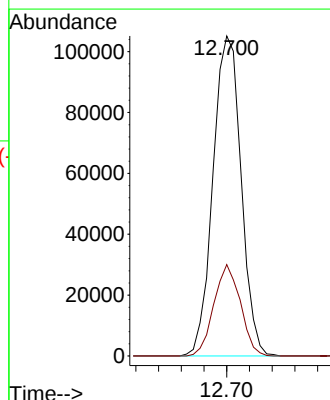
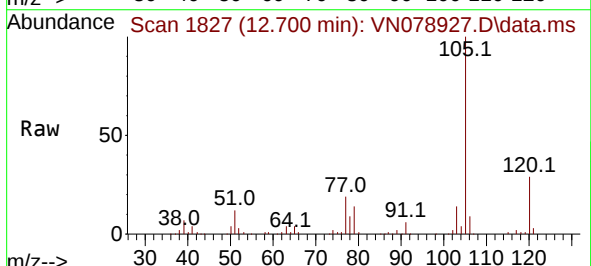
Acq: 17 Aug 2023 15:40

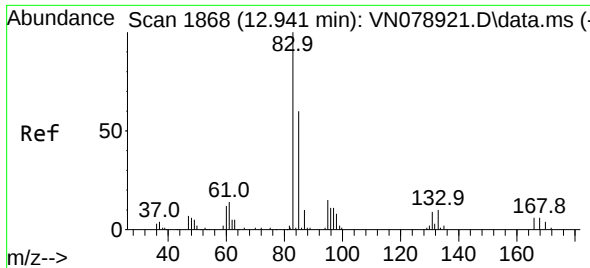
Tgt Ion:105 Resp: 180598

Ion Ratio Lower Upper

105 100

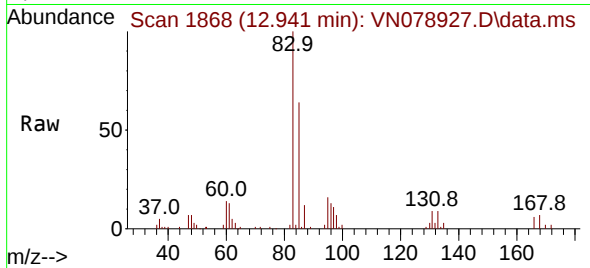
120 26.9 19.1 35.5





#71
1,1,2,2-Tetrachloroethane
Concen: 19.543 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

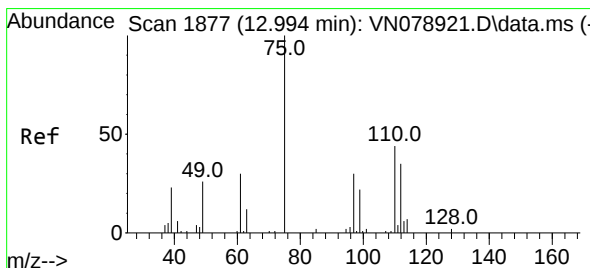
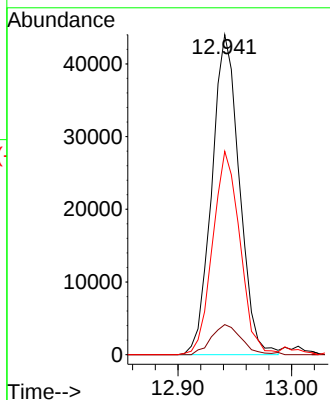
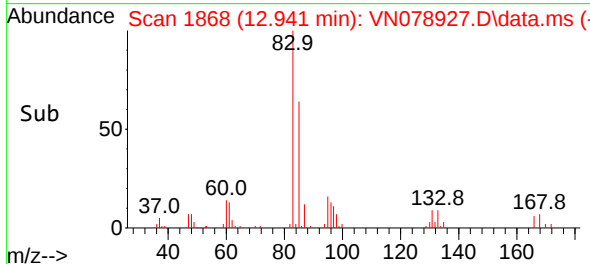
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



Tgt Ion: 83 Resp: 74200
Ion Ratio Lower Upper
83 100
131 10.1 4.7 14.0
85 63.0 31.9 95.7

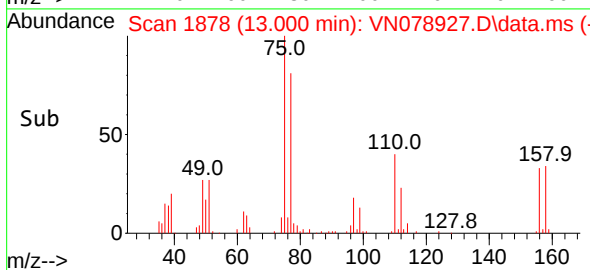
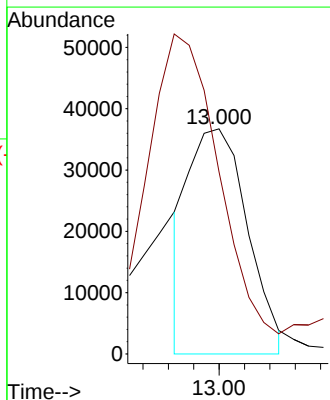
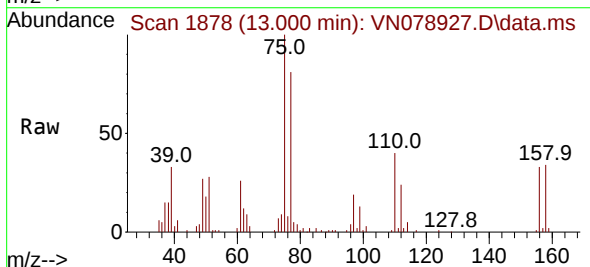
Manual Integrations
APPROVED

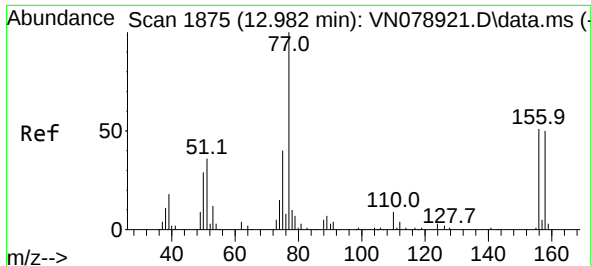
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#72
1,2,3-Trichloropropane
Concen: 19.072 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

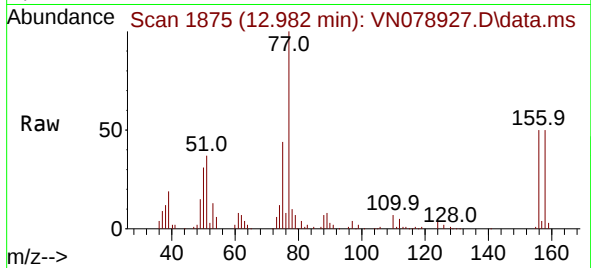
Tgt Ion: 75 Resp: 59409
Ion Ratio Lower Upper
75 100
77 181.0 0.0 367.4





#73
Bromobenzene
Concen: 18.181 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

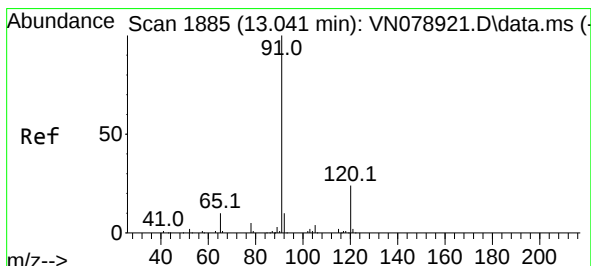
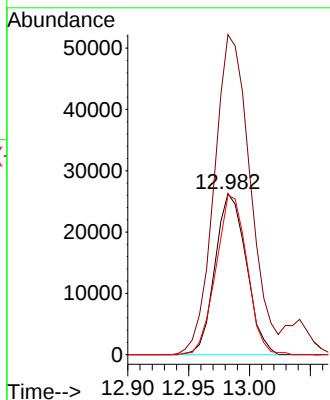
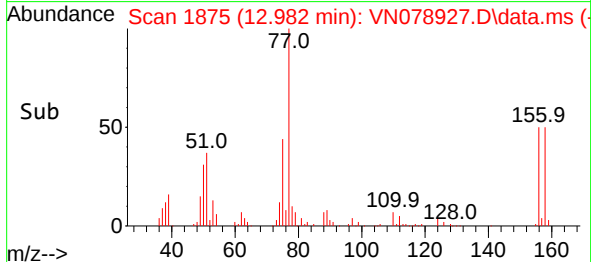
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



Tgt Ion:156 Resp: 4688
Ion Ratio Lower Upper
156 100
77 229.4 0.0 431.0
158 98.3 0.0 196.8

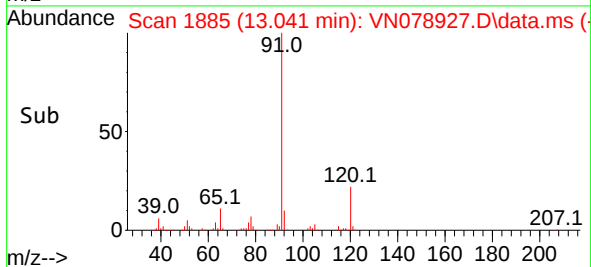
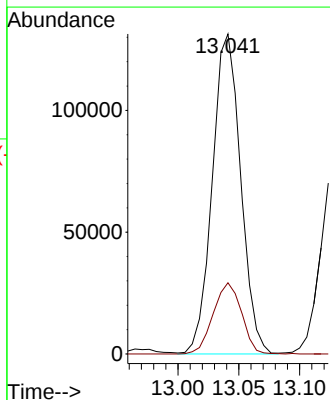
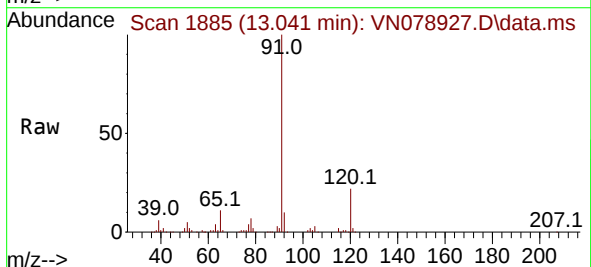
Manual Integrations
APPROVED

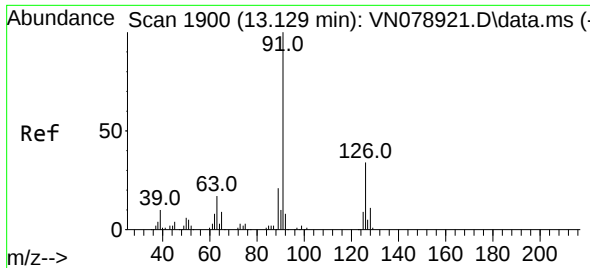
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#74
n-propylbenzene
Concen: 18.572 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion: 91 Resp: 213196
Ion Ratio Lower Upper
91 100
120 22.1 0.0 44.4





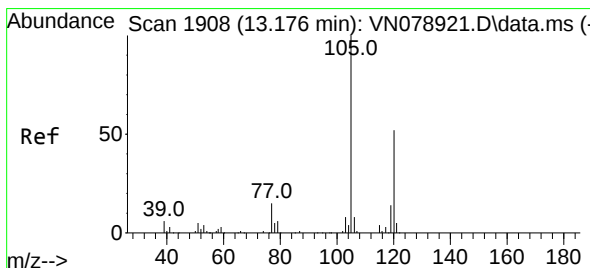
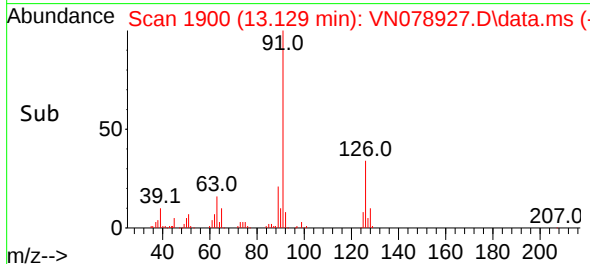
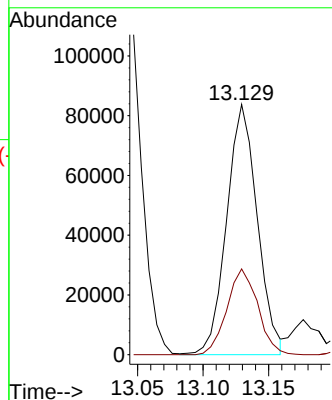
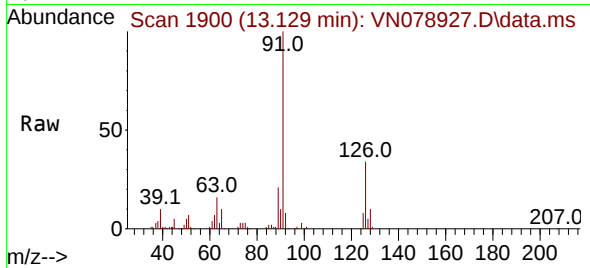
#75
2-Chlorotoluene
Concen: 18.715 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tgt Ion: 91 Resp: 136289
Ion Ratio Lower Upper
91 100
126 34.4 0.0 67.2

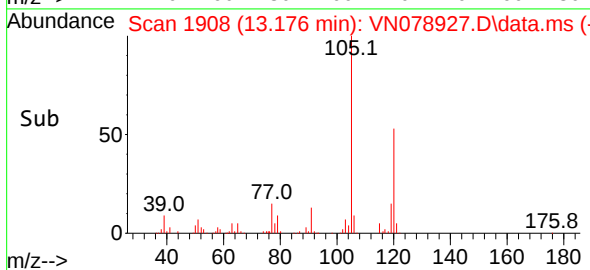
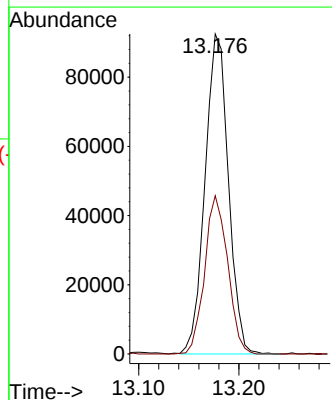
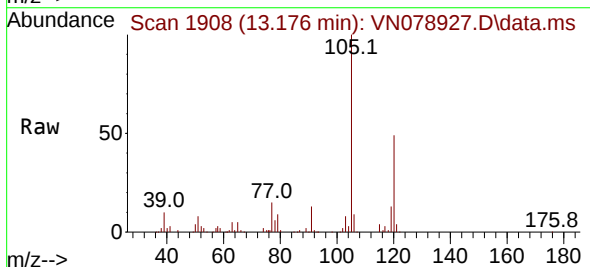
Manual Integrations
APPROVED

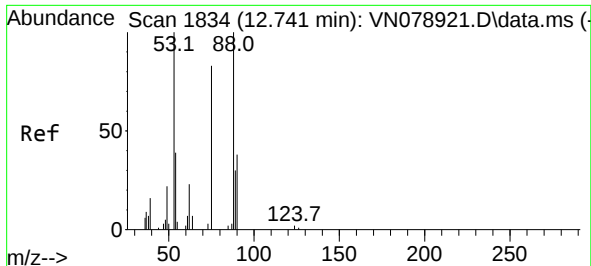
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#76
1,3,5-Trimethylbenzene
Concen: 18.676 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

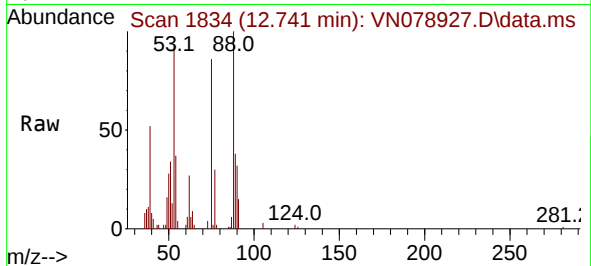
Tgt Ion:105 Resp: 149958
Ion Ratio Lower Upper
105 100
120 48.7 0.0 98.8





#77
t-1,4-Dichloro-2-butene
Concen: 18.617 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

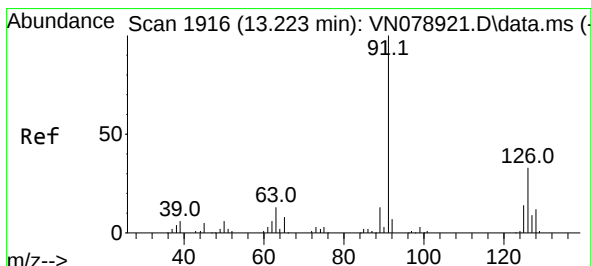
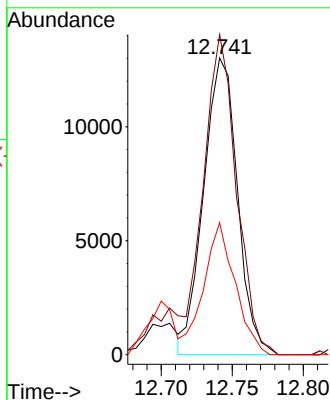
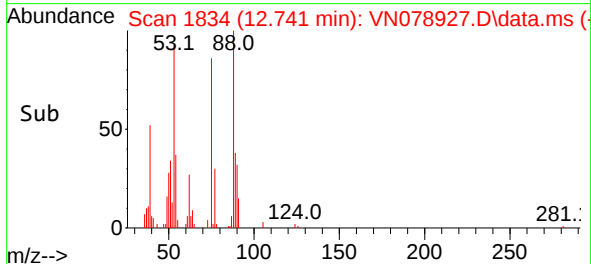
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



Tgt Ion: 75 Resp: 2155
Ion Ratio Lower Upper
75 100
53 107.8 60.1 180.3
89 44.4 22.9 68.8

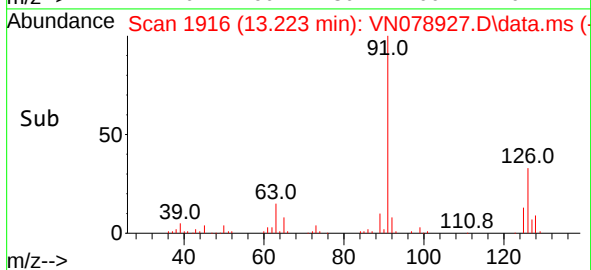
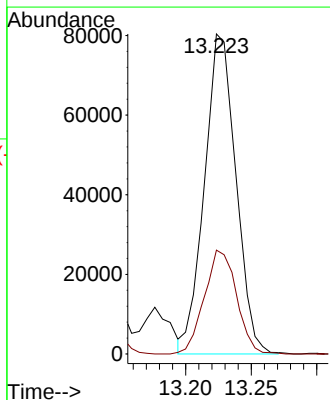
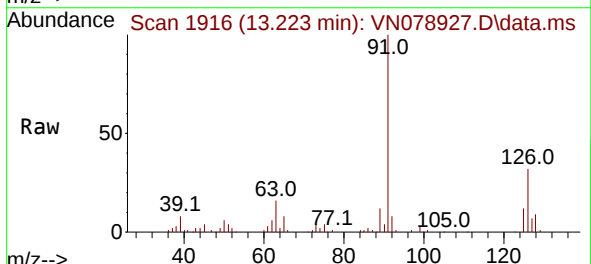
Manual Integrations
APPROVED

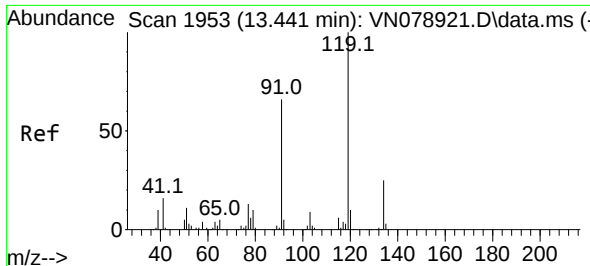
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#78
4-Chlorotoluene
Concen: 19.261 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

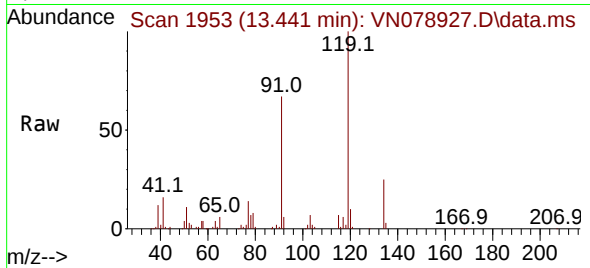
Tgt Ion: 91 Resp: 134377
Ion Ratio Lower Upper
91 100
126 33.1 0.0 67.4





#79
tert-butylbenzene
Concen: 19.110 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

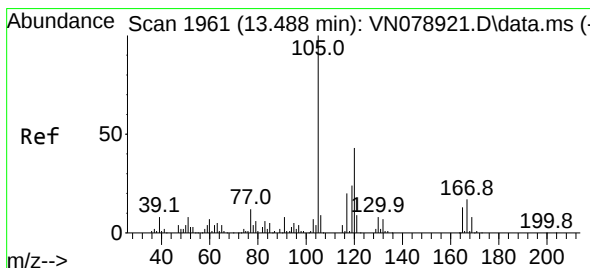
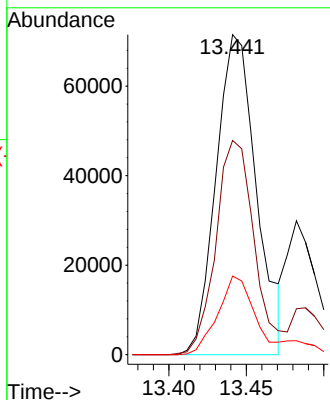
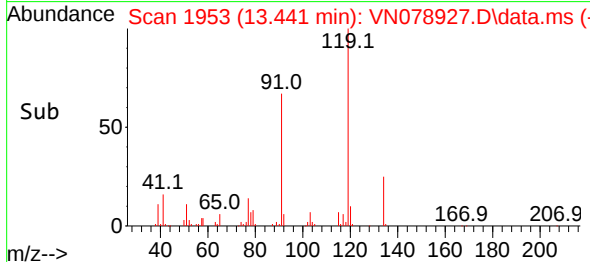
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



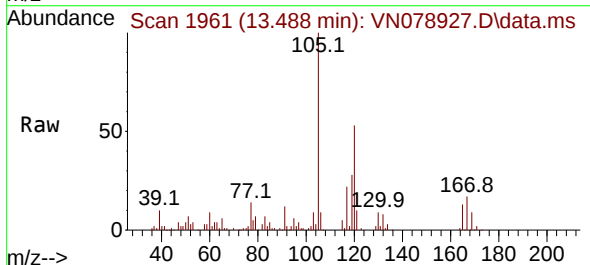
Tgt Ion:119 Resp: 129660
Ion Ratio Lower Upper
119 100
91 64.4 0.0 135.6
134 22.3 0.0 51.4

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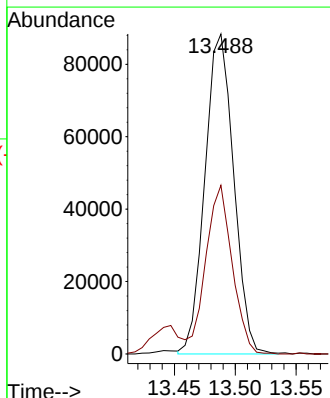
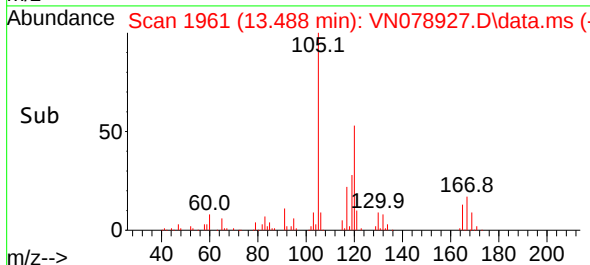
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

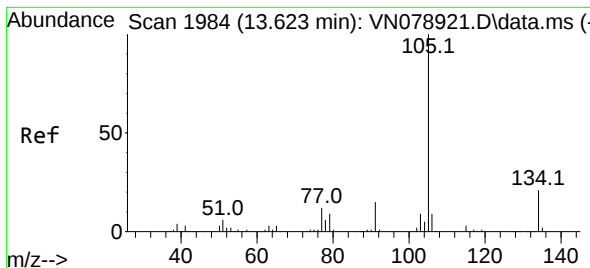


#80
1,2,4-Trimethylbenzene
Concen: 18.435 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40



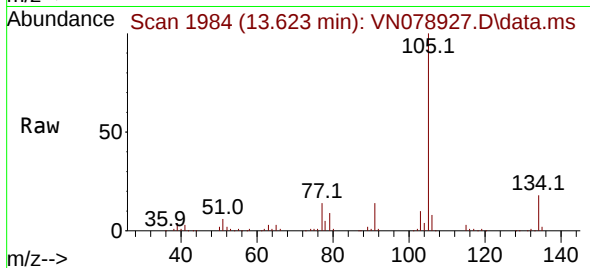
Tgt Ion:105 Resp: 145550
Ion Ratio Lower Upper
105 100
120 48.2 0.0 91.6





#81
 sec-Butylbenzene
 Concen: 18.501 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078927.D
 Acq: 17 Aug 2023 15:40

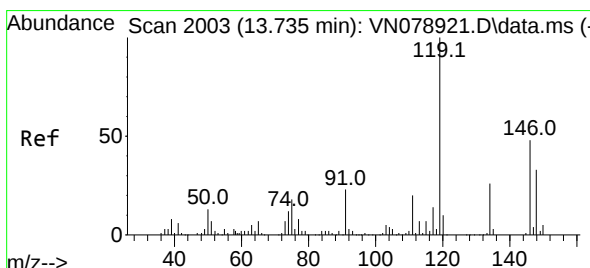
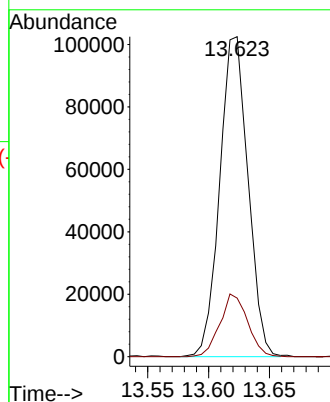
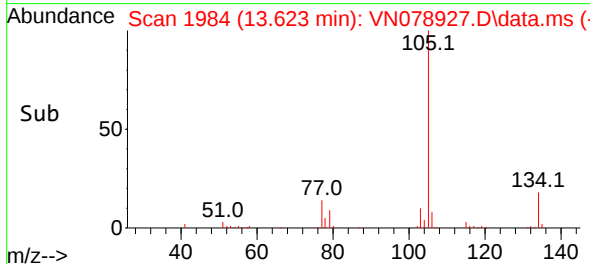
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01



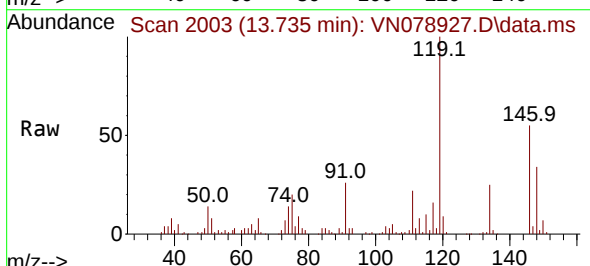
Tgt Ion:105 Resp: 16566
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 41.6

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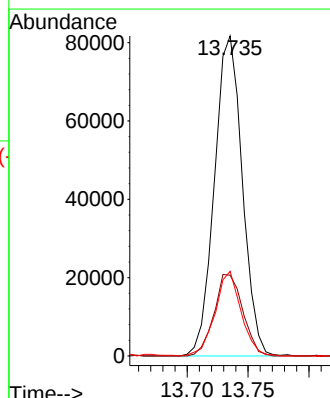
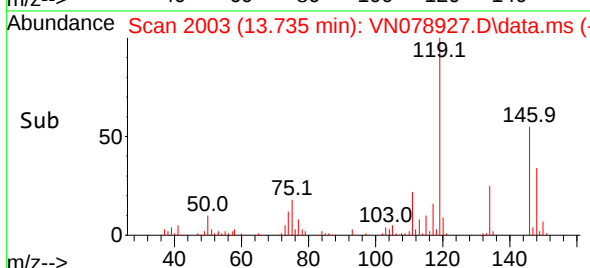
Reviewed By :John Carlone 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023

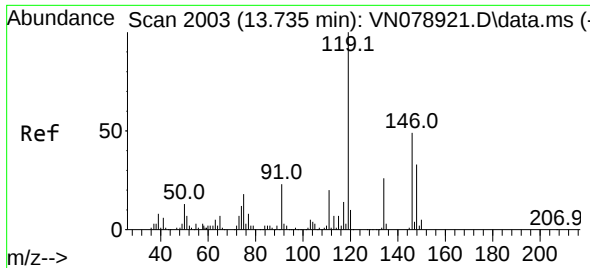


#82
 p-Isopropyltoluene
 Concen: 17.784 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078927.D
 Acq: 17 Aug 2023 15:40



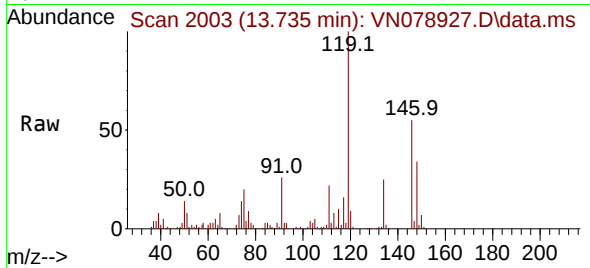
Tgt Ion:119 Resp: 130016
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 52.4
 91 24.7 0.0 47.4





#83
1,3-Dichlorobenzene
Concen: 18.702 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

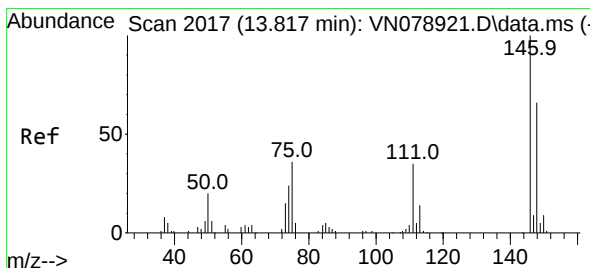
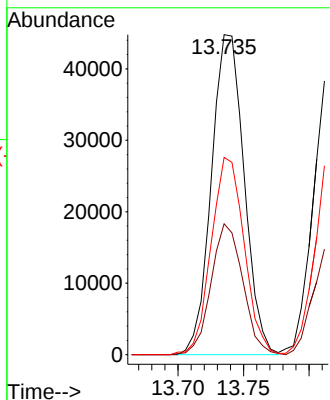
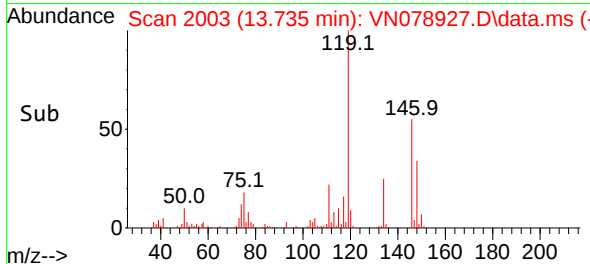
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



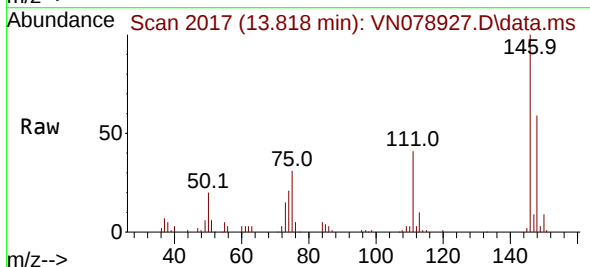
Tgt Ion:146 Resp: 77830
Ion Ratio Lower Upper
146 100
111 39.6 21.2 63.6
148 62.1 33.1 99.5

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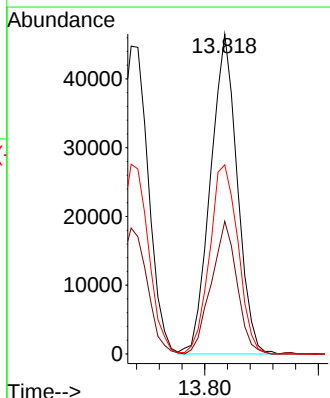
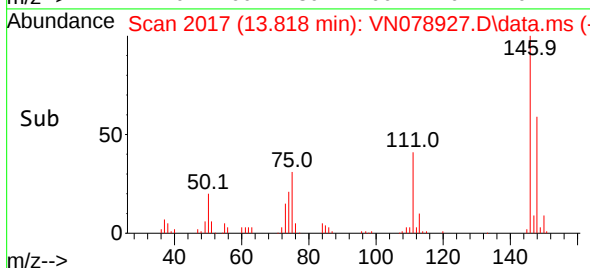
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

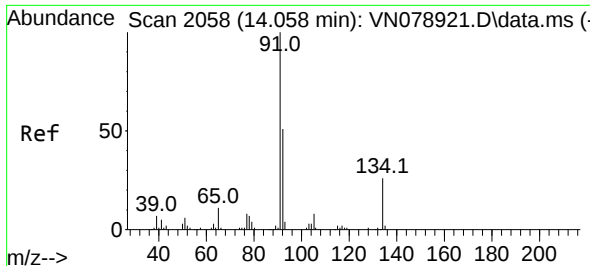


#84
1,4-Dichlorobenzene
Concen: 18.642 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40



Tgt Ion:146 Resp: 76166
Ion Ratio Lower Upper
146 100
111 39.7 18.6 56.0
148 62.6 32.0 96.2





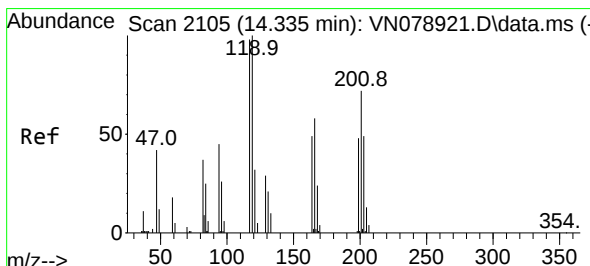
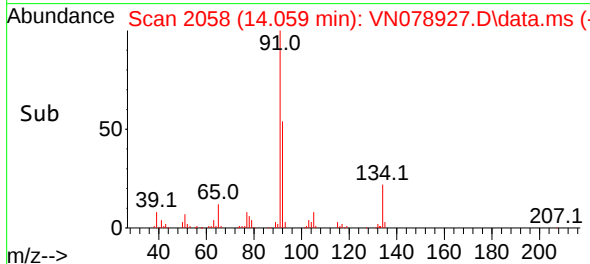
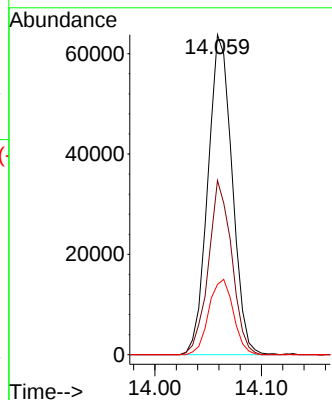
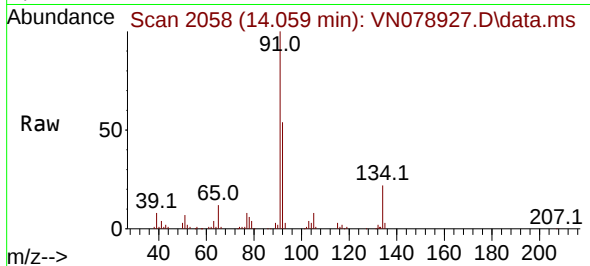
#85
n-Butylbenzene
Concen: 17.519 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tgt Ion: 91 Resp: 100735
Ion Ratio Lower Upper
91 100
92 52.4 0.0 102.8
134 23.8 0.0 48.6

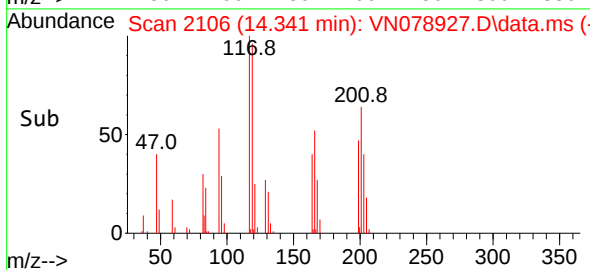
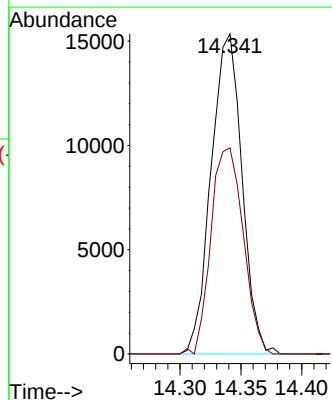
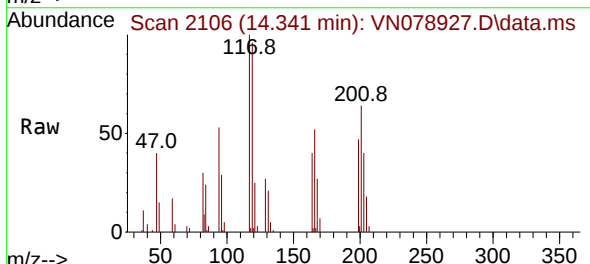
Manual Integrations
APPROVED

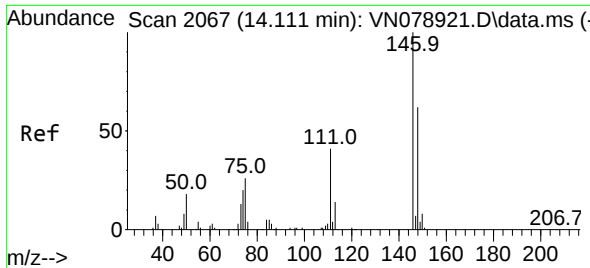
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#86
Hexachloroethane
Concen: 18.126 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion:117 Resp: 27114
Ion Ratio Lower Upper
117 100
201 66.9 36.6 109.8





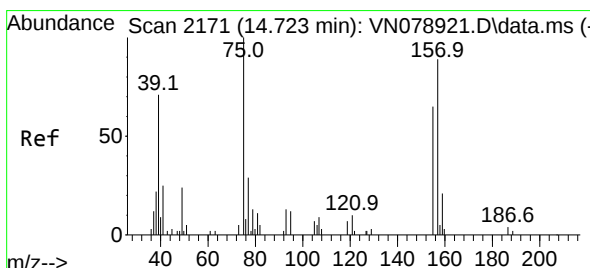
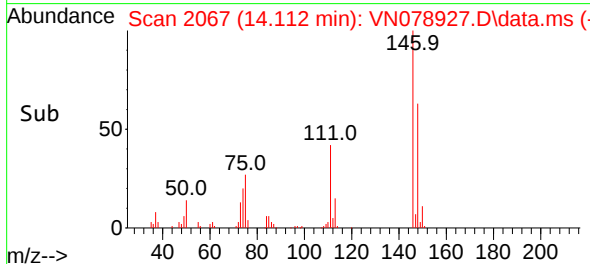
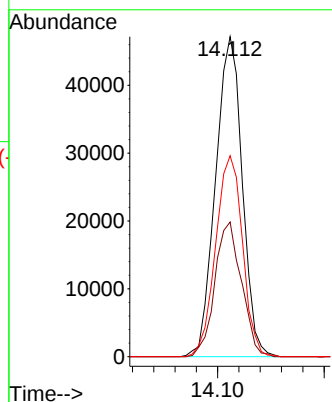
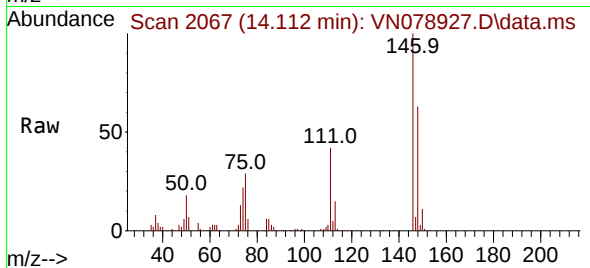
#87
1,2-Dichlorobenzene
Concen: 19.228 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tgt Ion:146 Resp: 8195
Ion Ratio Lower Upper
146 100
111 42.0 20.3 60.8
148 63.3 32.0 96.2

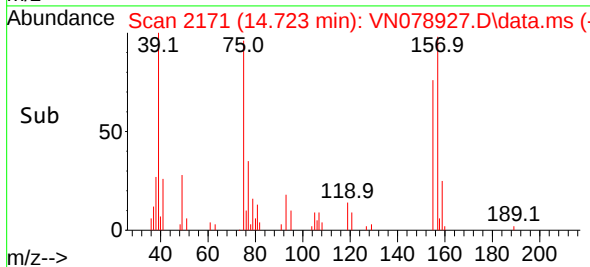
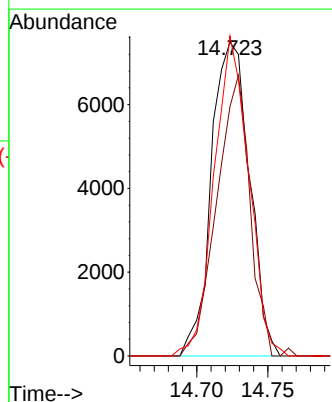
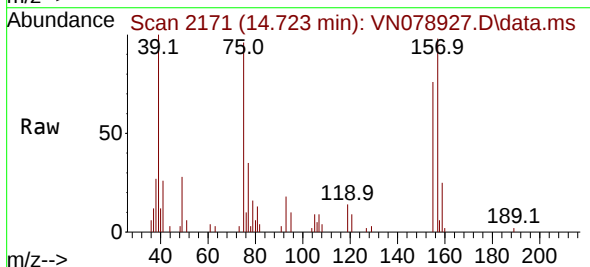
Manual Integrations
APPROVED

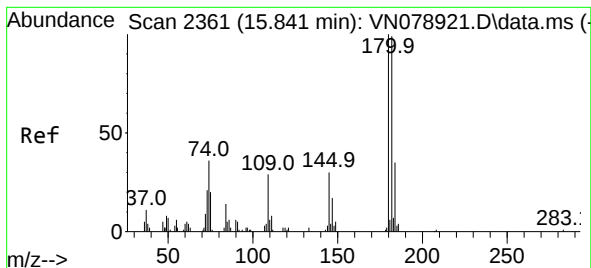
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.446 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion: 75 Resp: 13934
Ion Ratio Lower Upper
75 100
155 78.1 61.1 91.7
157 92.5 79.8 119.6





#89

1,2,4-Trichlorobenzene

Concen: 17.030 ug/l

RT: 15.847 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

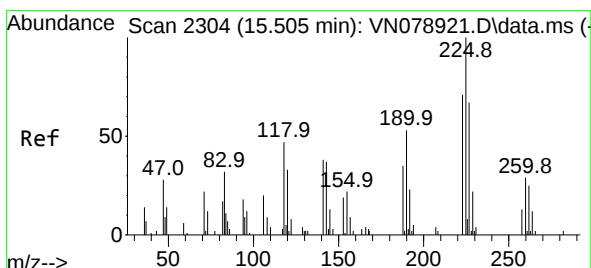
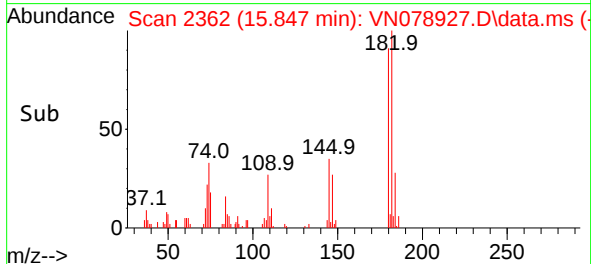
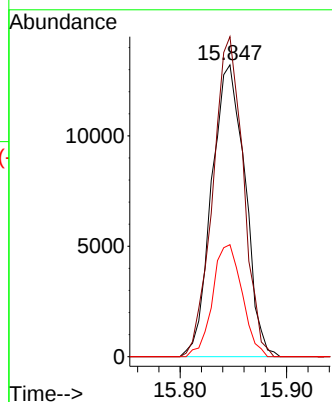
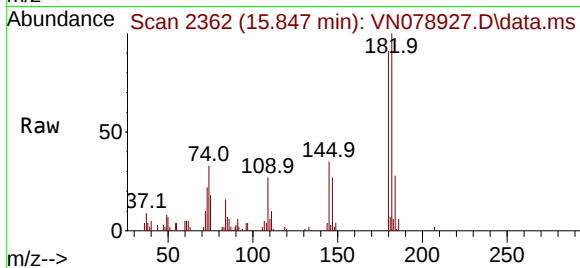
Tgt Ion:	180	Resp:	2866
Ion Ratio	Lower	Upper	
180	100		
182	100.3	76.1	114.1
145	34.1	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#90

Hexachlorobutadiene

Concen: 17.354 ug/l

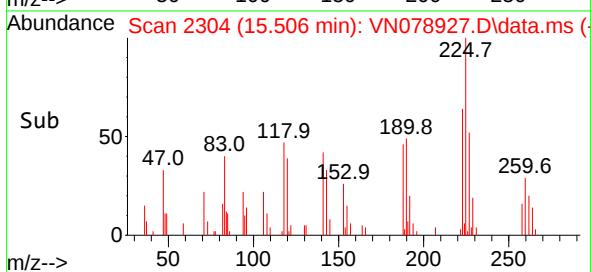
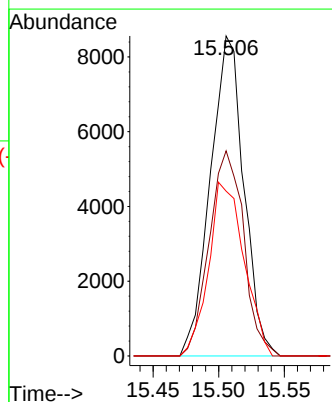
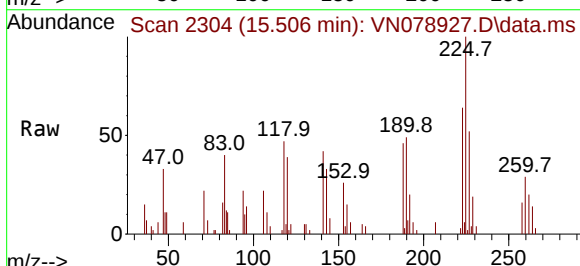
RT: 15.506 min Scan# 2304

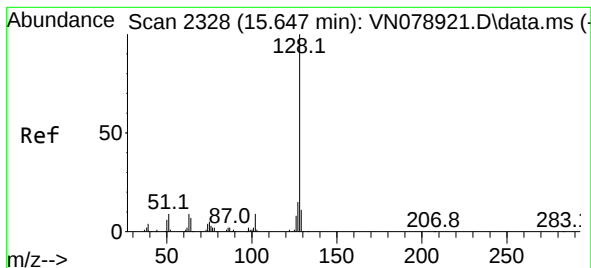
Delta R.T. 0.000 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

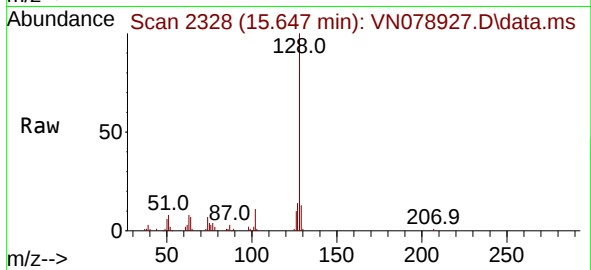
Tgt Ion:	225	Resp:	15209
Ion Ratio	Lower	Upper	
225	100		
223	66.1	0.0	124.0
227	57.4	0.0	117.4





#91
Naphthalene
Concen: 16.681 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

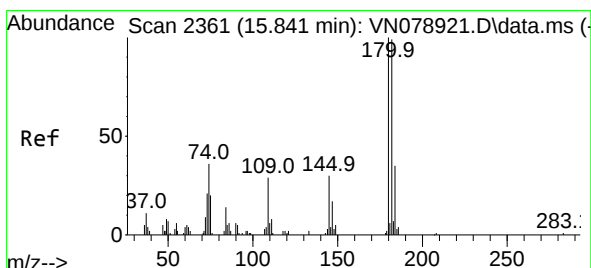
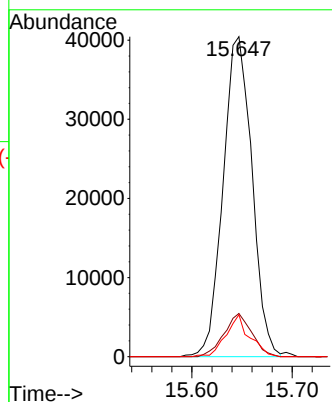
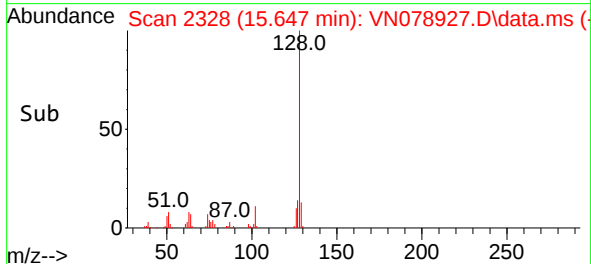
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



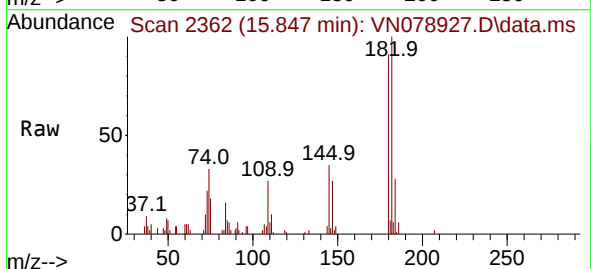
Tgt Ion:128 Resp: 8098
Ion Ratio Lower Upper
128 100
127 13.0 11.1 16.7
129 10.4 8.6 13.0

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 17.030 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40



Tgt Ion:180 Resp: 28667
Ion Ratio Lower Upper
180 100
182 100.3 0.0 190.2
145 34.1 0.0 66.2

