

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081723\
 Data File : VN078922.D
 Acq On : 17 Aug 2023 13:27
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Aug 18 05:05:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:01:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	40101	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.106	114	226638	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	198413	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	99410	30.599	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.000%			
60) 4-Bromofluorobenzene	12.853	95	84037	29.036	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.800%			
63) Toluene-d8	10.570	98	283642	30.612	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.033%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	24236	9.578	ug/l	98
3) Chloromethane	2.365	50	29623	9.768	ug/l	99
4) Vinyl Chloride	2.512	62	29197	9.728	ug/l	96
5) Bromomethane	2.953	94	17969	9.699	ug/l	85
6) Chloroethane	3.118	64	19294	9.892	ug/l	100
7) Trichlorofluoromethane	3.494	101	40445	10.005	ug/l	97
8) Diethyl Ether	3.965	74	14269	9.385	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	20155m	9.557	ug/l	
10) 1,1-Dichloroethene	4.341	96	20447	9.559	ug/l #	88
11) Methyl Iodide	4.589	142	22408	8.742	ug/l	89
12) Methyl Acetate	5.041	43	48423	9.726	ug/l #	91
13) Acrolein	4.183	56	18549	53.451	ug/l	98
14) Acrylonitrile	5.730	53	62291	47.595	ug/l #	93
15) Acetone	4.430	58	16615	41.338	ug/l	93
16) Carbon Disulfide	4.712	76	58315	9.555	ug/l	99
17) Allyl chloride	5.030	41	36650	9.605	ug/l	90
18) Methylene Chloride	5.283	84	23767m	9.360	ug/l	
19) trans-1,2-Dichloroethene	5.788	96	24419m	10.215	ug/l	
20) Diisopropyl ether	6.677	45	79905	9.435	ug/l #	85
21) 1,1-Dichloroethane	6.571	63	43354	9.226	ug/l	97
22) cis-1,2-Dichloroethene	7.494	96	25157	9.194	ug/l	95
23) tert-Butyl Alcohol	5.524	59	22255m	45.587	ug/l	
24) Methyl tert-Butyl Ether	5.800	73	70404	9.333	ug/l #	87
25) Chloroform	7.971	83	45599	9.632	ug/l	92
26) Cyclohexane	8.265	56	31055	9.034	ug/l #	98
29) 1,1-Dichloropropene	8.371	75	31022	8.998	ug/l	96
30) 2-Butanone	7.488	43	89054	44.123	ug/l	98
31) 2,2-Dichloropropane	7.506	77	33375	8.759	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	37596	9.134	ug/l	98
33) Carbon Tetrachloride	8.365	117	33432m	9.377	ug/l	
34) Benzene	8.612	78	96628	9.353	ug/l #	92
35) Methacrylonitrile	7.782	41	19111	8.884	ug/l	94
36) 1,2-Dichloroethane	8.682	62	36103	9.331	ug/l	99
37) Trichloroethene	9.353	130	23972	9.321	ug/l	86
38) Methylcyclohexane	9.606	83	27593	9.091	ug/l	94
39) 1,2-Dichloropropane	9.629	63	26303	9.451	ug/l	97
40) Dibromomethane	9.712	93	18148	9.728	ug/l	95
41) Bromodichloromethane	9.900	83	34165	9.107	ug/l #	98
42) Vinyl Acetate	6.612	43	255960	44.981	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:01:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	36659m	9.551	ug/l	
44) Isopropyl Acetate	8.694	43	64309	9.321	ug/l	97
45) 1,4-Dioxane	9.706	88	9636	185.599	ug/l	97
46) Methyl methacrylate	9.688	41	24711	8.129	ug/l	88
47) n-amyl Acetate	12.500	43	43392	8.196	ug/l	96
48) t-1,3-Dichloropropene	10.835	75	35058	8.774	ug/l	93
49) cis-1,3-Dichloropropene	10.318	75	38705	9.034	ug/l	91
50) 1,1,2-Trichloroethane	11.023	97	23865	9.467	ug/l	93
51) Ethyl methacrylate	10.876	69	34534	8.851	ug/l	97
52) 1,3-Dichloropropane	11.170	76	41394	9.168	ug/l	98
53) Dibromochloromethane	11.365	129	25572	9.268	ug/l	91
54) 1,2-Dibromoethane	11.470	107	24398	9.427	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	96243	53.366	ug/l	96
56) Bromoform	12.582	173	17432	8.955	ug/l	98
58) 4-Methyl-2-Pentanone	10.453	43	185356	47.086	ug/l	99
59) 2-Hexanone	11.200	43	130198	45.141	ug/l	99
61) Tetrachloroethene	11.112	164	18501	9.630	ug/l	93
62) Toluene	10.635	91	102684	9.479	ug/l	100
64) Chlorobenzene	11.900	112	60550	9.297	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.965	131	22612	9.080	ug/l	97
66) Ethyl Benzene	11.970	91	105560	9.316	ug/l	97
67) m/p-Xylenes	12.076	106	75882	17.961	ug/l	96
68) o-Xylene	12.406	106	37844	9.085	ug/l	96
69) Styrene	12.412	104	58998	8.716	ug/l	98
70) Isopropylbenzene	12.700	105	91690	9.084	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.941	83	36650	9.687	ug/l	98
72) 1,2,3-Trichloropropane	13.000	75	31103m	9.381	ug/l	
73) Bromobenzene	12.982	156	24008	9.343	ug/l	95
74) n-propylbenzene	13.041	91	102570	8.967	ug/l	100
75) 2-Chlorotoluene	13.135	91	67246	9.267	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	71223	8.902	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	10274	8.907	ug/l	93
78) 4-Chlorotoluene	13.229	91	61230	8.807	ug/l	99
79) tert-butylbenzene	13.441	119	60558	8.957	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	69593	8.846	ug/l	98
81) sec-Butylbenzene	13.623	105	81408	9.124	ug/l	95
82) p-Isopropyltoluene	13.735	119	63966	8.780	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	36066	8.697	ug/l	98
84) 1,4-Dichlorobenzene	13.817	146	35245	8.657	ug/l	96
85) n-Butylbenzene	14.059	91	48956	8.544	ug/l	97
86) Hexachloroethane	14.341	117	14223	9.542	ug/l	97
87) 1,2-Dichlorobenzene	14.111	146	37428	8.812	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.729	75	6600	9.719	ug/l	94
89) 1,2,4-Trichlorobenzene	15.847	180	14480	8.630	ug/l	98
90) Hexachlorobutadiene	15.505	225	8922	10.216	ug/l	96
91) Naphthalene	15.647	128	38042	7.863	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	14480	8.633	ug/l	98

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

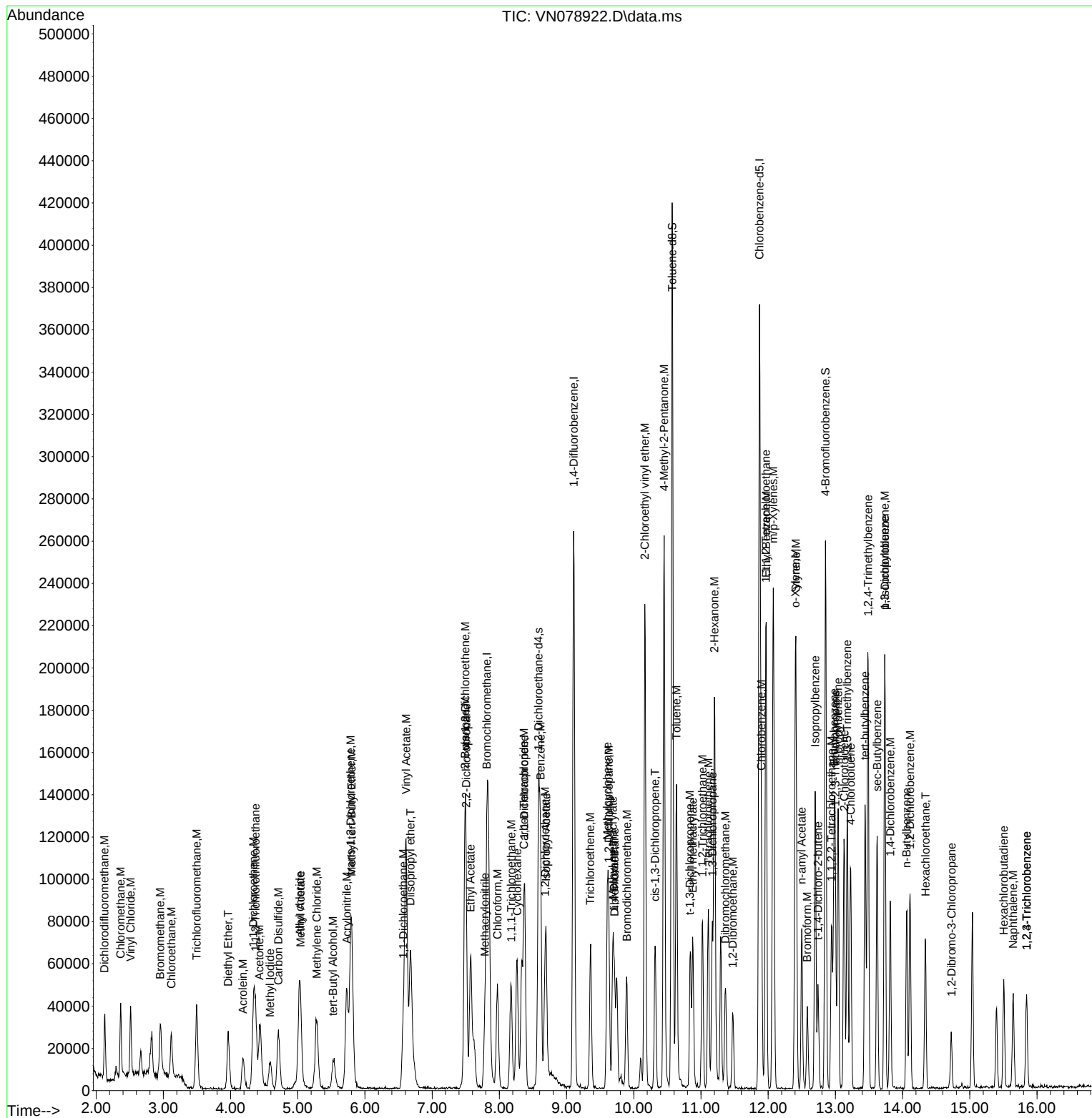
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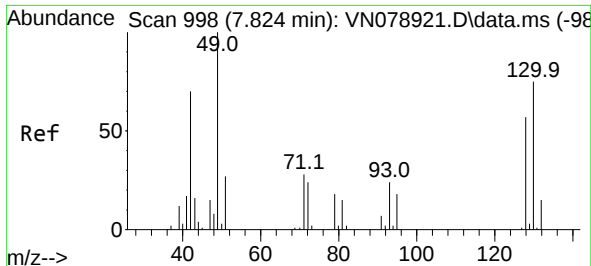
Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations
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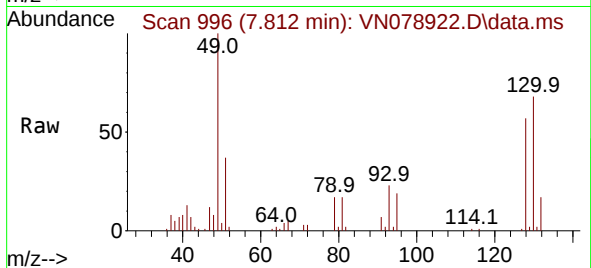
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 18 05:01:29 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

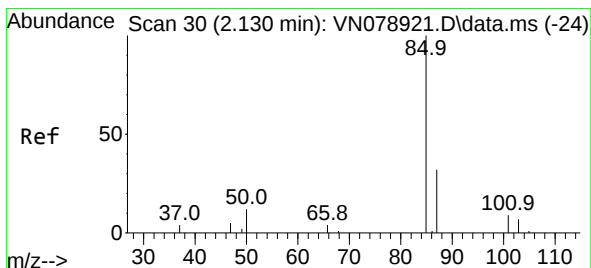
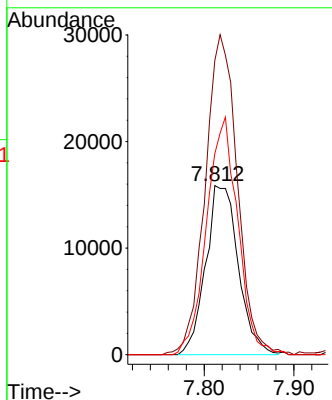
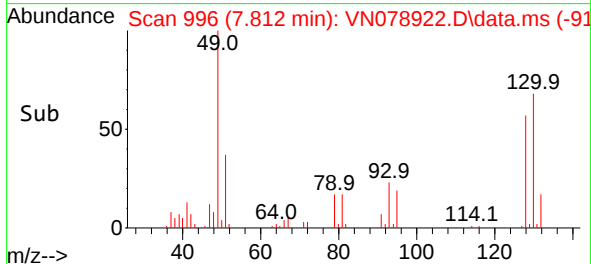
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:128 Resp: 4010
Ion Ratio Lower Upper
128 100
49 186.6 0.0 481.8
130 134.1 0.0 320.5

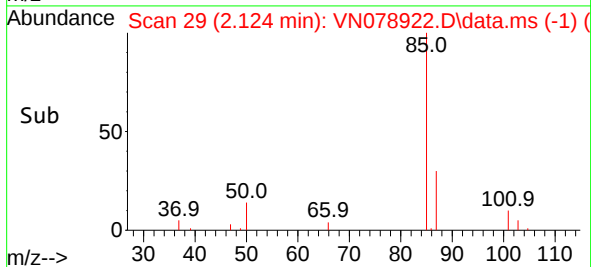
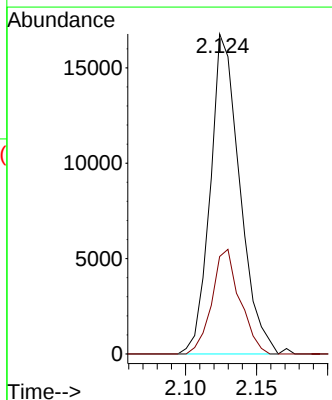
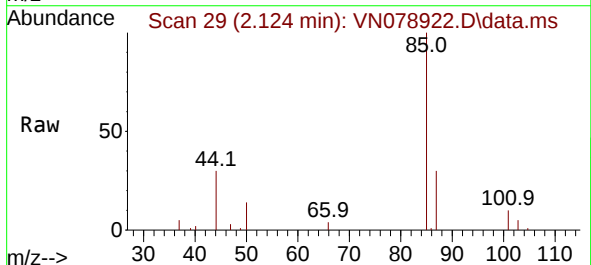
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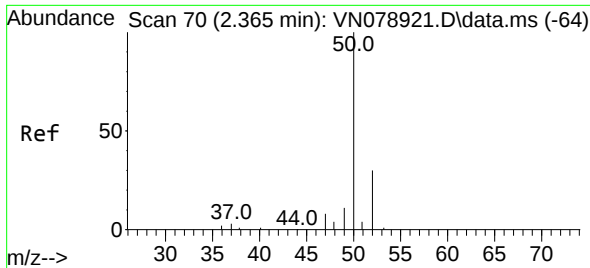
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#2
Dichlorodifluoromethane
Concen: 9.578 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

Tgt Ion: 85 Resp: 24236
Ion Ratio Lower Upper
85 100
87 30.4 15.9 47.7





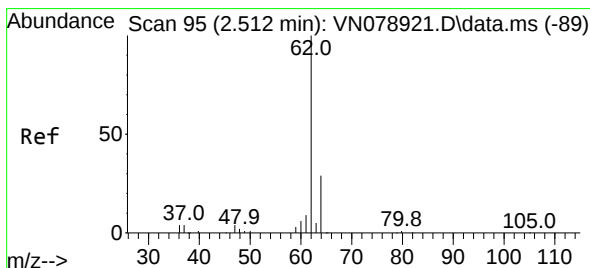
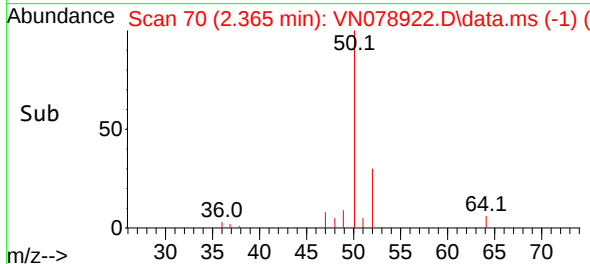
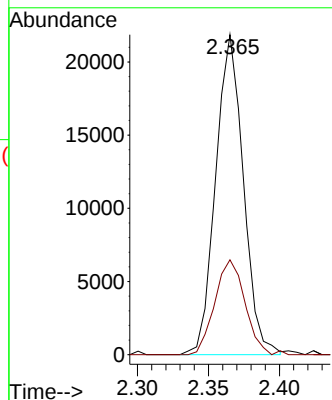
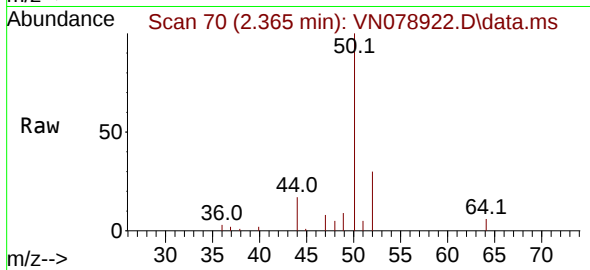
#3
Chloromethane
Concen: 9.768 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 2962
Ion Ratio Lower Upper
50 100
52 29.6 24.2 36.4

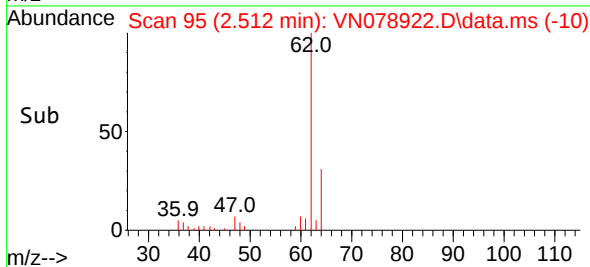
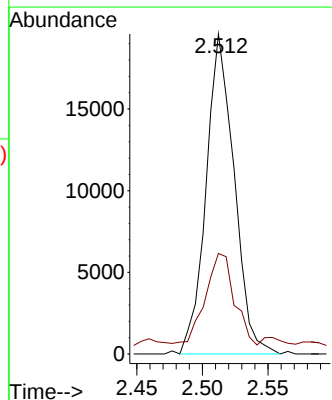
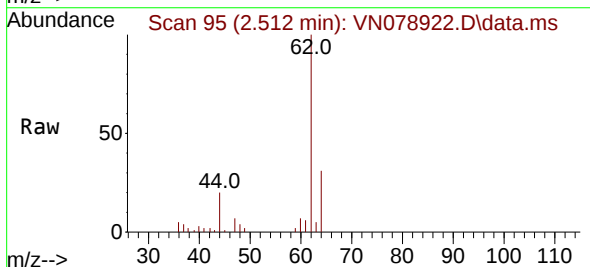
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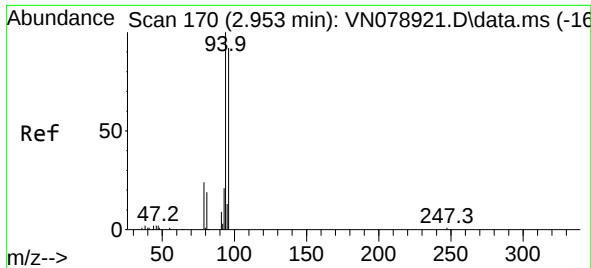
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#4
Vinyl Chloride
Concen: 9.728 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

Tgt Ion: 62 Resp: 29197
Ion Ratio Lower Upper
62 100
64 27.7 23.8 35.8





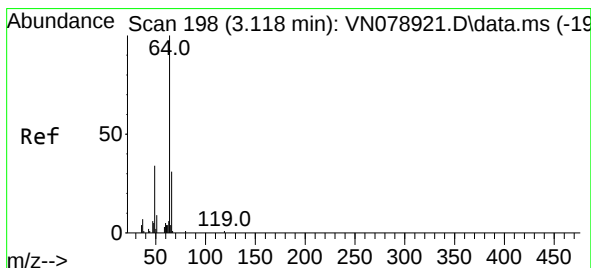
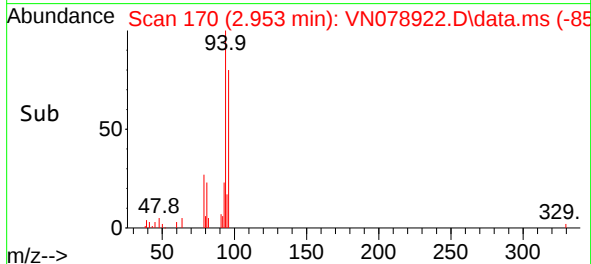
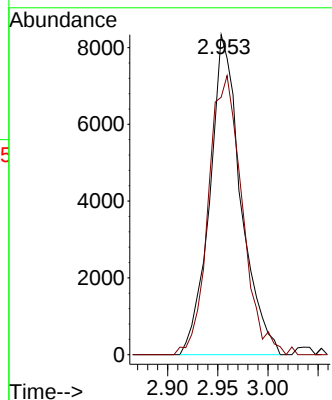
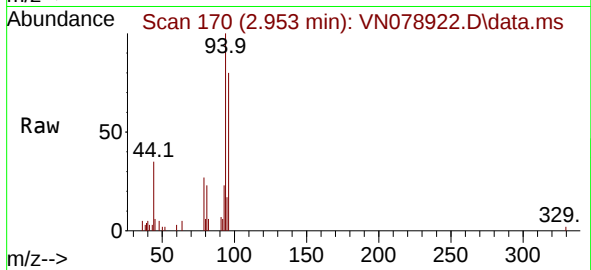
#5
Bromomethane
Concen: 9.699 ug/l
RT: 2.953 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 94 Resp: 17969
Ion Ratio Lower Upper
94 100
96 78.1 73.6 110.4

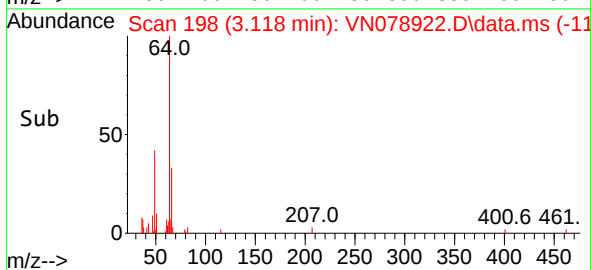
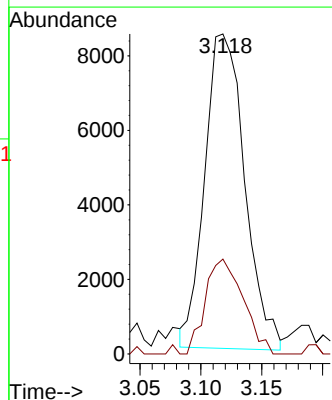
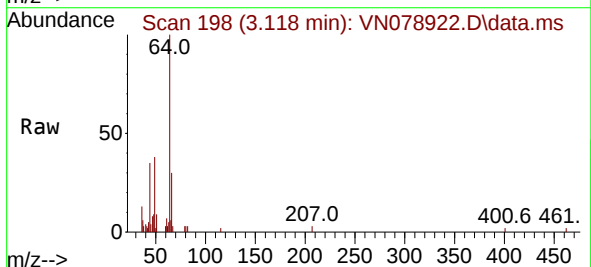
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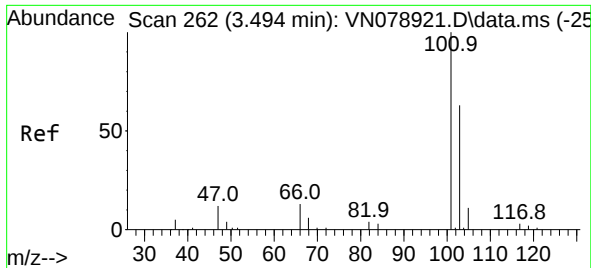
Reviewed By :John Carlone 08/18/2023
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#6
Chloroethane
Concen: 9.892 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

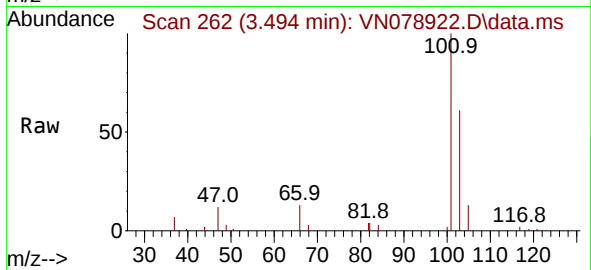
Tgt Ion: 64 Resp: 19294
Ion Ratio Lower Upper
64 100
66 31.0 24.9 37.3





#7
Trichlorofluoromethane
Concen: 10.005 ug/l
RT: 3.494 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN078922.D
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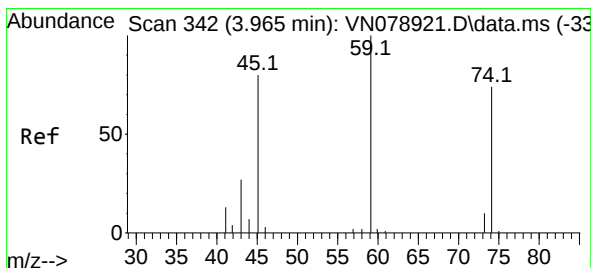
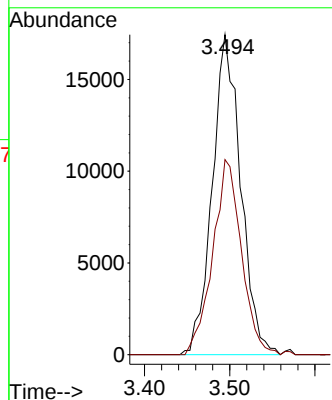
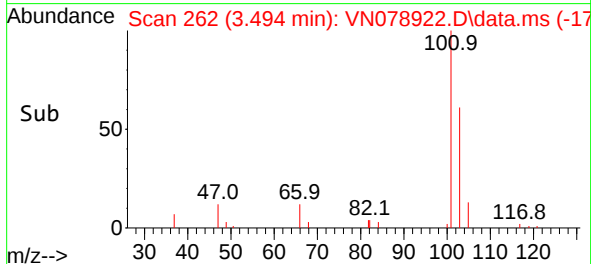
Instrument :
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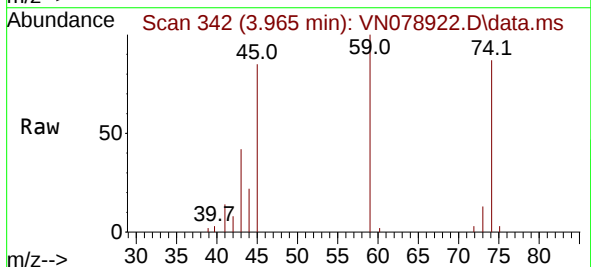
Tgt Ion:101 Resp: 4044
Ion Ratio Lower Upper
101 100
103 60.9 50.9 76.3

Manual Integrations
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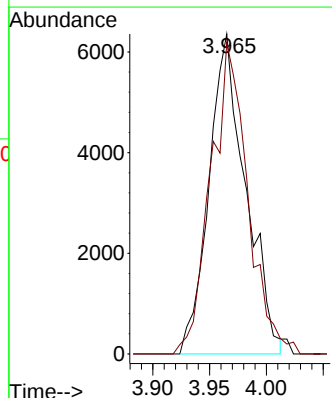
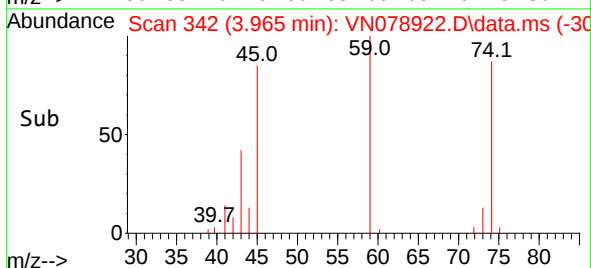
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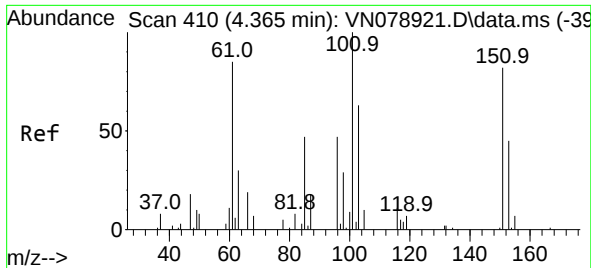


#8
Diethyl Ether
Concen: 9.385 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27



Tgt Ion: 74 Resp: 14269
Ion Ratio Lower Upper
74 100
45 98.3 21.3 191.9





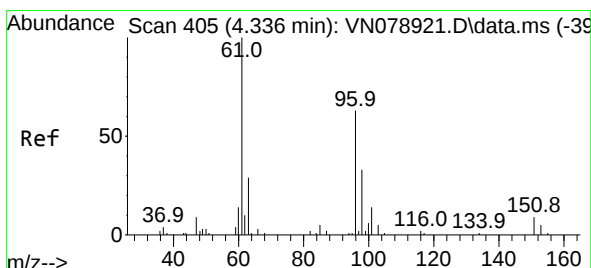
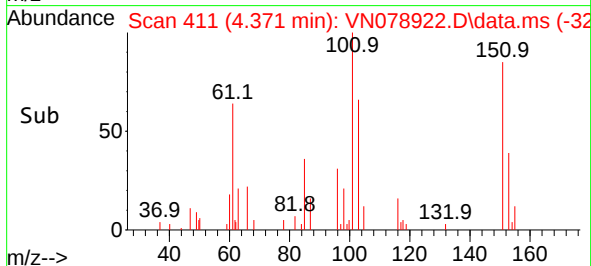
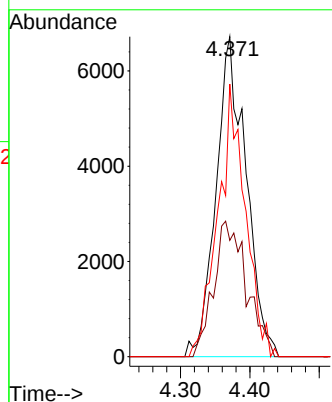
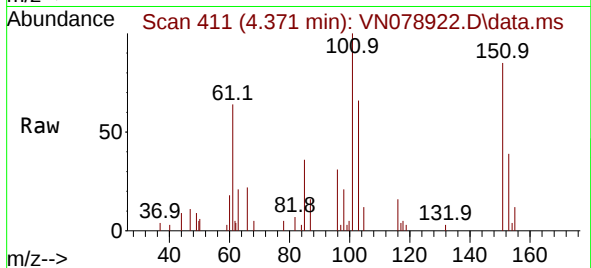
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1,1,2-Trichlorotrifluoroethane
Concen: 9.557 ug/l m
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

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ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 2015
Ion Ratio Lower Upper
101 100
85 38.6 0.0 65.4
151 47.2 0.0 156.8

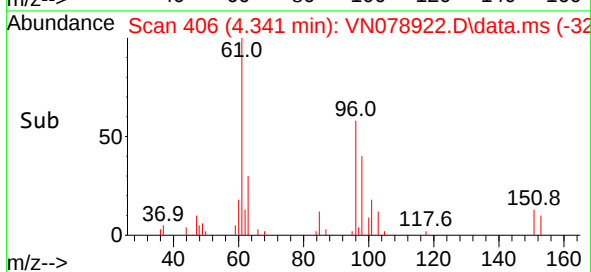
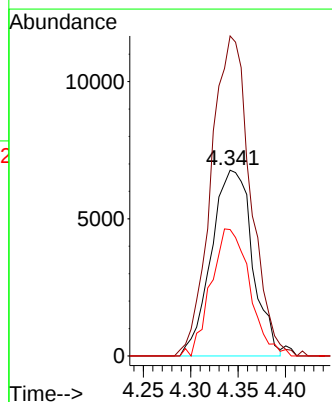
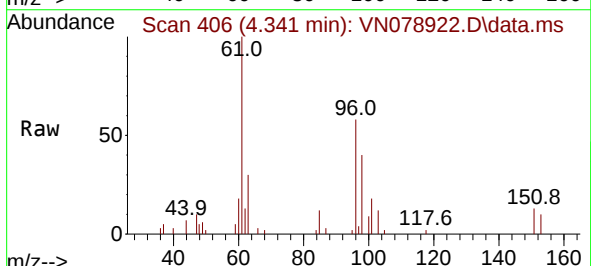
Manual Integrations
APPROVED

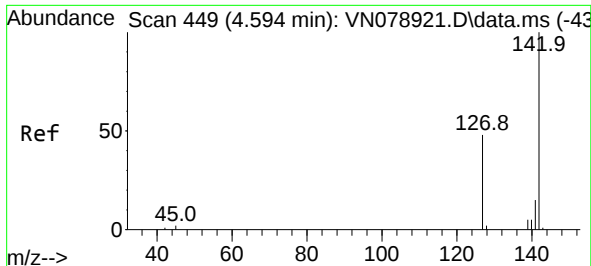
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#10
1,1-Dichloroethene
Concen: 9.559 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

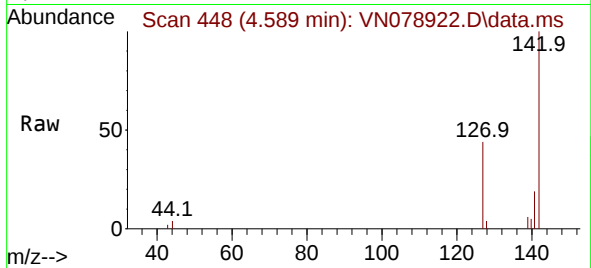
Tgt Ion: 96 Resp: 20447
Ion Ratio Lower Upper
96 100
61 169.2 126.2 189.4
98 68.1 41.7 62.5





#11
Methyl Iodide
Concen: 8.742 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

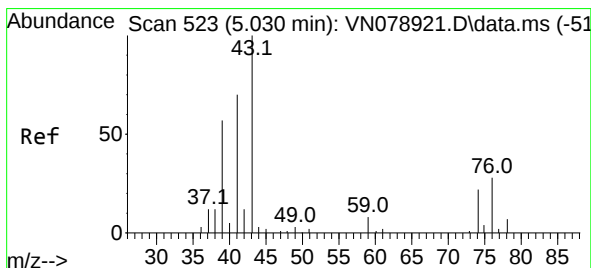
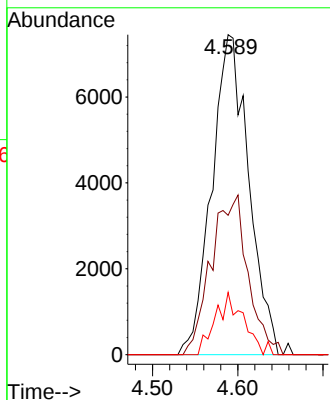
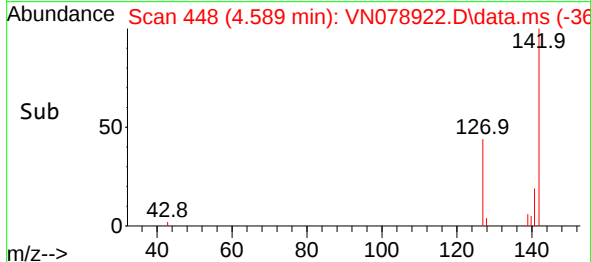
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC010



Tgt Ion: 142 Resp: 22408
Ion Ratio Lower Upper
142 100
127 41.6 24.3 72.9
141 19.4 7.3 22.0

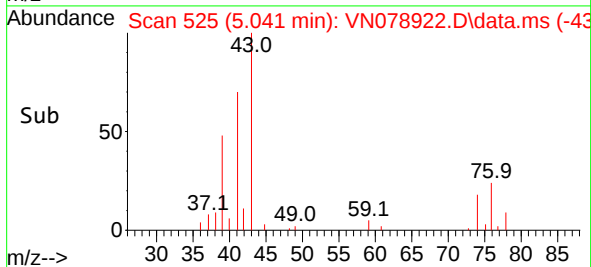
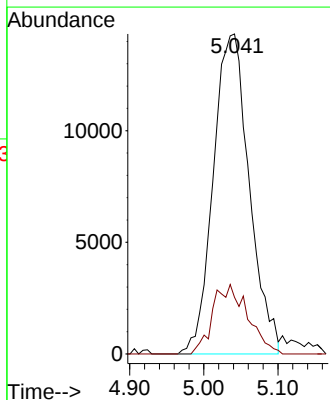
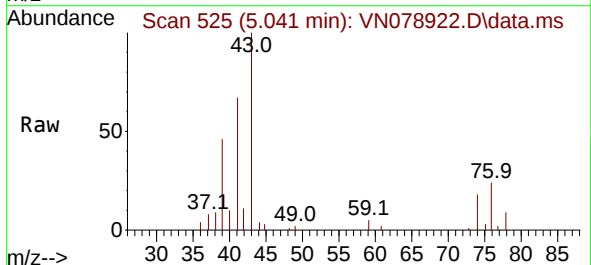
Manual Integrations
APPROVED

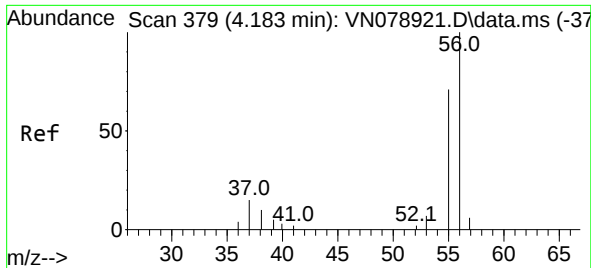
Reviewed By : John Carlone 08/18/2023
Supervised By : Semsettin Yesilyurt 08/18/2023



#12
Methyl Acetate
Concen: 9.726 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.012 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

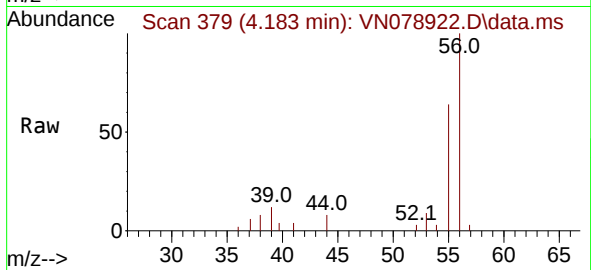
Tgt Ion: 43 Resp: 48423
Ion Ratio Lower Upper
43 100
74 17.5 17.5 26.3#





#13
Acrolein
Concen: 53.451 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

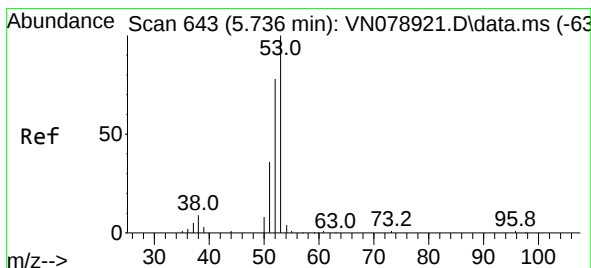
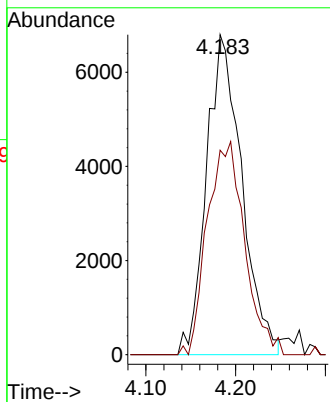
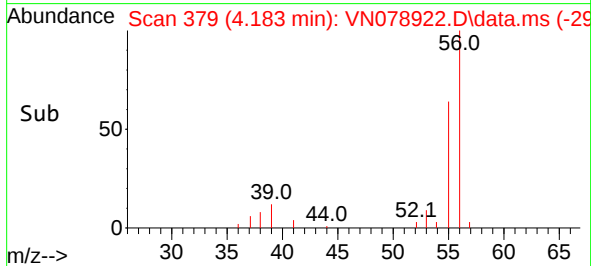
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



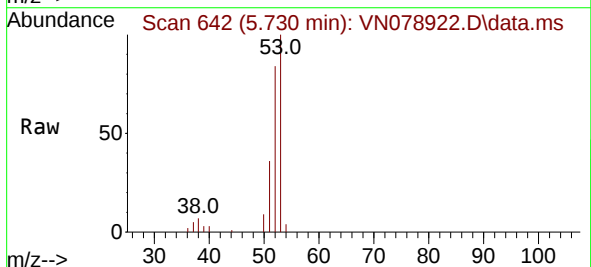
Tgt Ion: 56 Resp: 18549
Ion Ratio Lower Upper
56 100
55 70.1 54.5 81.7

Manual Integrations
APPROVED

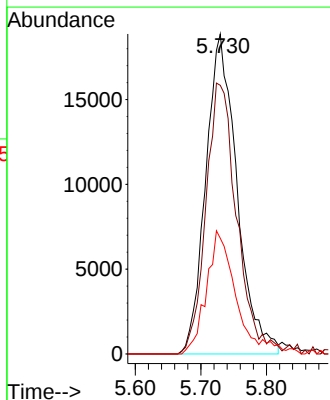
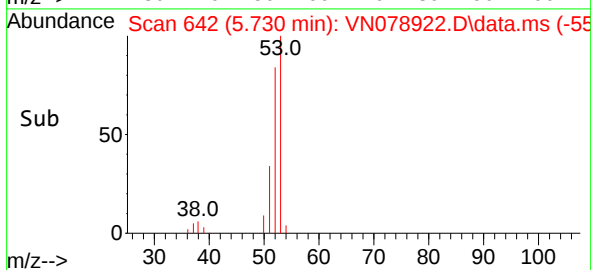
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

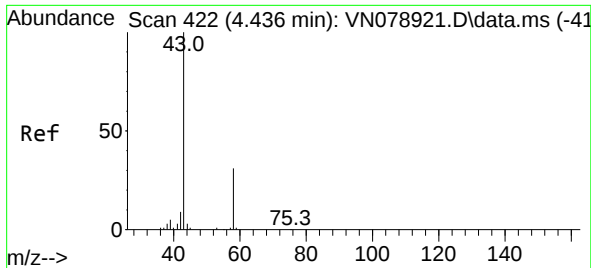


#14
Acrylonitrile
Concen: 47.595 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.006 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27



Tgt Ion: 53 Resp: 62291
Ion Ratio Lower Upper
53 100
52 82.4 41.9 125.6
51 34.3 10.1 30.1#





#15

Acetone

Concen: 41.338 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN078922.D

Acq: 17 Aug 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 58 Resp: 1661

Ion Ratio Lower Upper

58 100

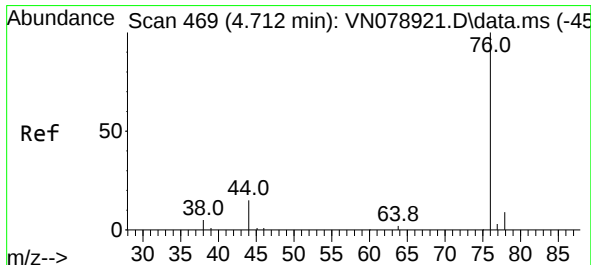
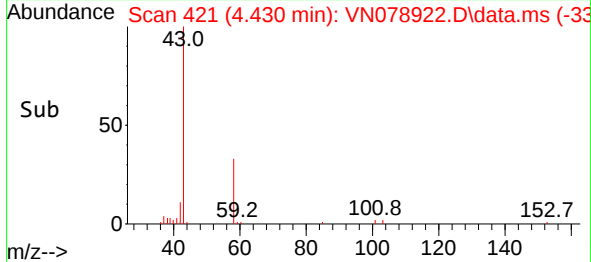
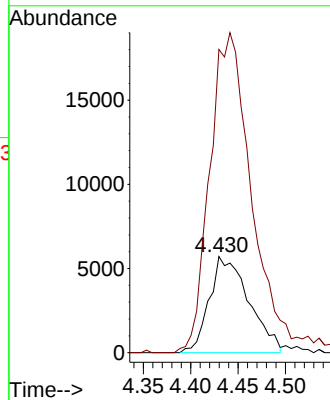
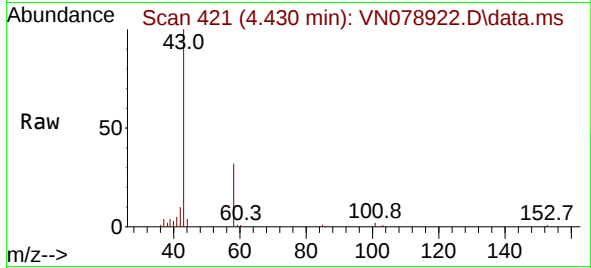
43 310.8 260.6 390.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#16

Carbon Disulfide

Concen: 9.555 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN078922.D

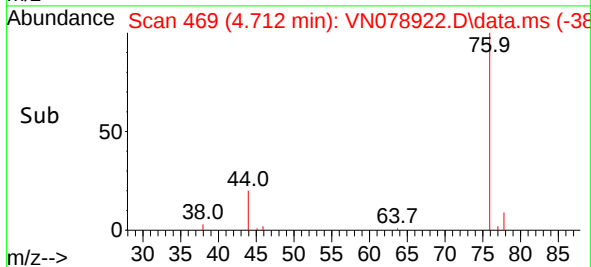
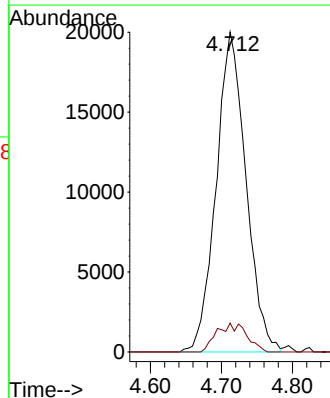
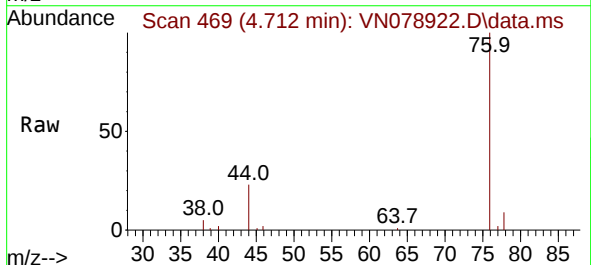
Acq: 17 Aug 2023 13:27

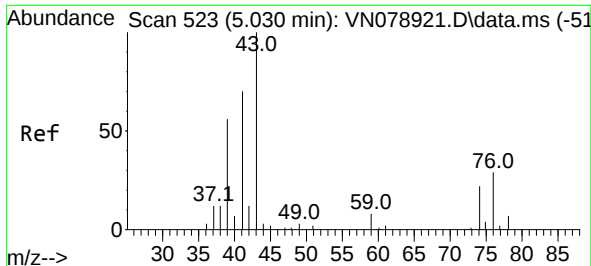
Tgt Ion: 76 Resp: 58315

Ion Ratio Lower Upper

76 100

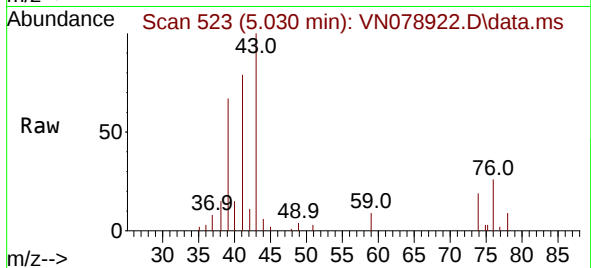
78 9.0 7.0 10.6





#17
 Allyl chloride
 Concen: 9.605 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN078922.D
 Acq: 17 Aug 2023 13:27

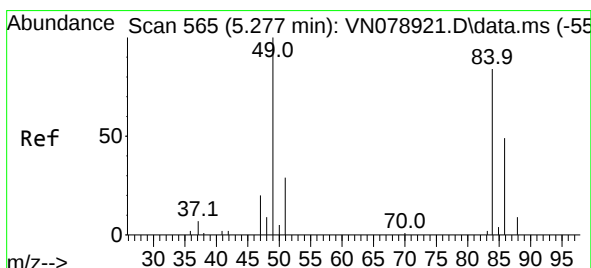
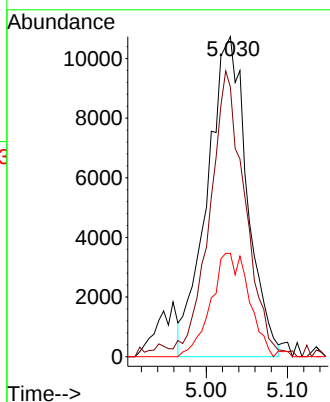
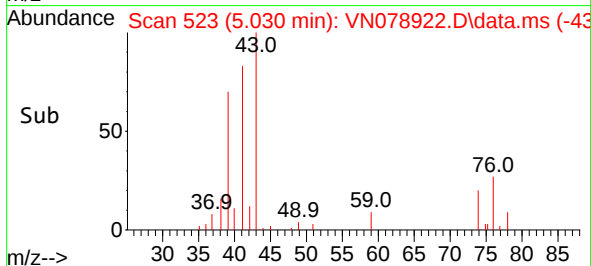
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 41 Resp: 36650
 Ion Ratio Lower Upper
 41 100
 39 85.3 36.9 110.7
 76 33.5 17.3 51.9

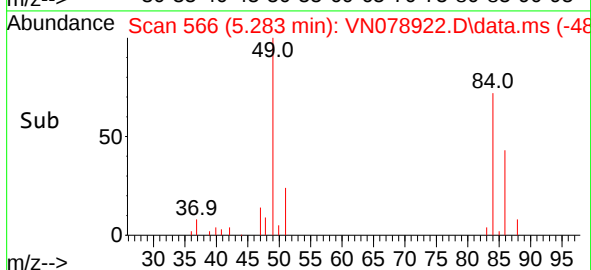
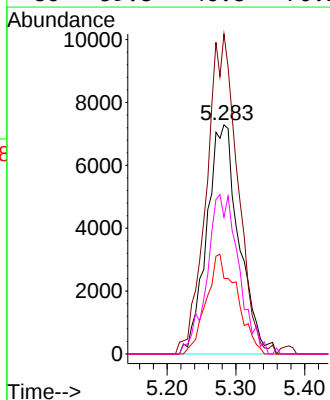
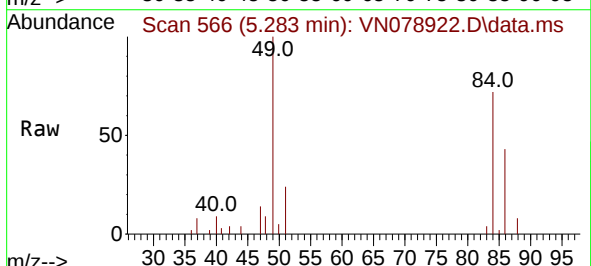
Manual Integrations
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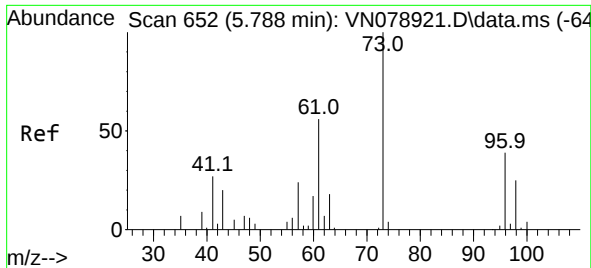
Reviewed By :John Carlone 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023



#18
 Methylene Chloride
 Concen: 9.360 ug/l m
 RT: 5.283 min Scan# 566
 Delta R.T. 0.006 min
 Lab File: VN078922.D
 Acq: 17 Aug 2023 13:27

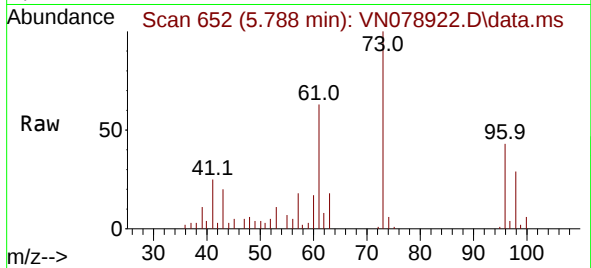
Tgt Ion: 84 Resp: 23767
 Ion Ratio Lower Upper
 84 100
 49 139.7 95.8 143.6
 51 32.9 28.6 43.0
 86 59.8 46.8 70.2





#19
trans-1,2-Dichloroethene
Concen: 10.215 ug/l m
RT: 5.788 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

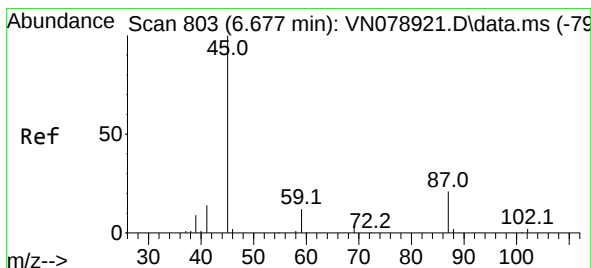
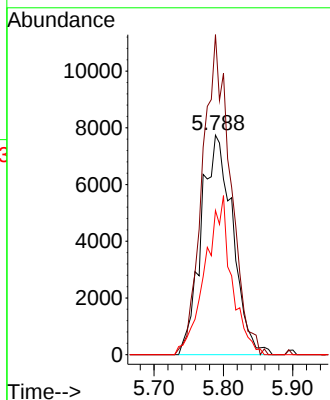
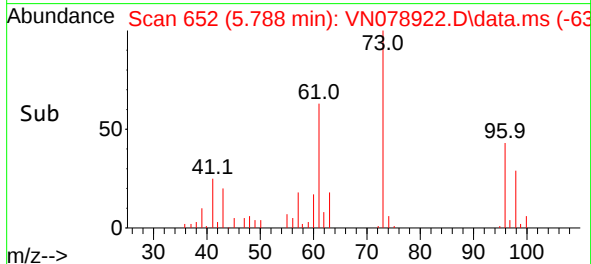
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



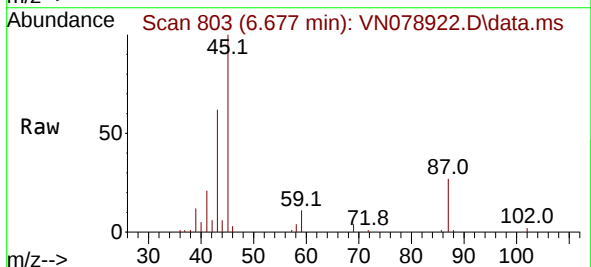
Tgt Ion: 96 Resp: 24419
Ion Ratio Lower Upper
96 100
61 145.8 114.0 171.0
98 65.7 50.6 76.0

Manual Integrations
APPROVED

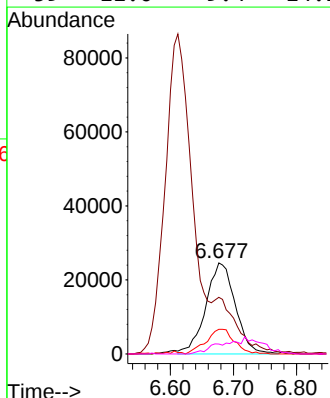
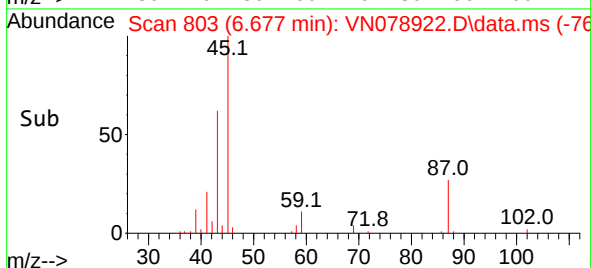
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

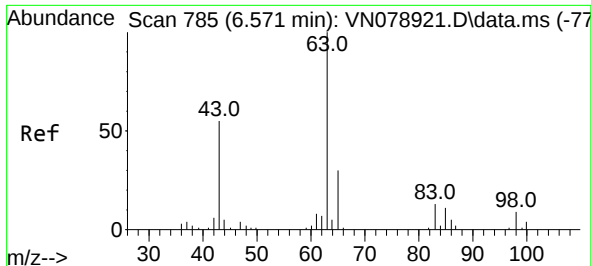


#20
Diisopropyl ether
Concen: 9.435 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27



Tgt Ion: 45 Resp: 79905
Ion Ratio Lower Upper
45 100
43 60.2 37.4 56.2#
87 27.4 17.3 25.9#
59 11.0 9.4 14.2





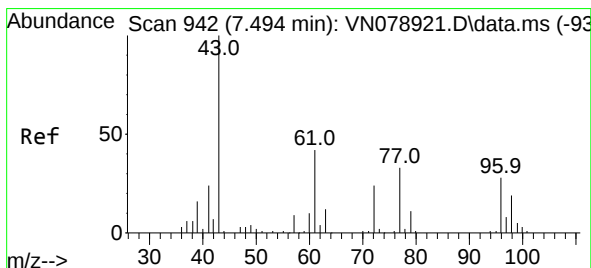
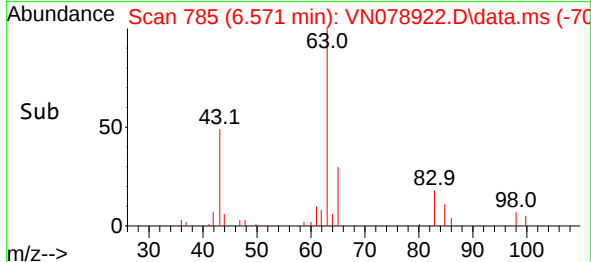
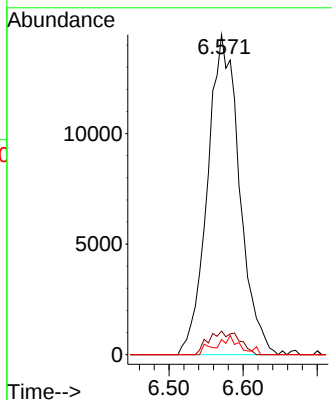
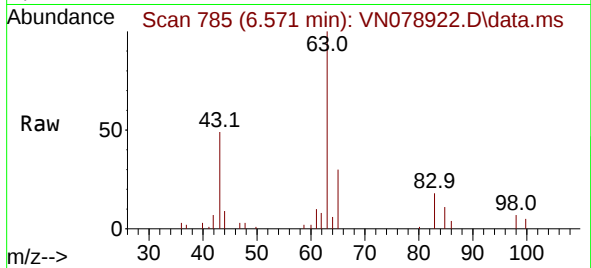
#21
1,1-Dichloroethane
Concen: 9.226 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 63 Resp: 43354
Ion Ratio Lower Upper
63 100
98 7.4 4.4 13.2
100 4.7 2.1 6.5

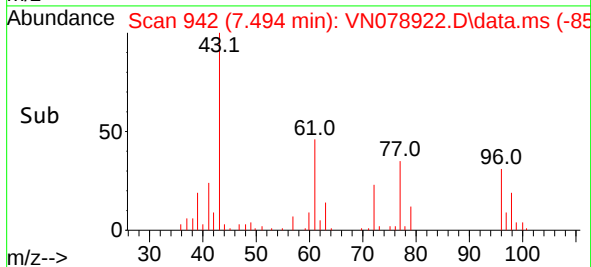
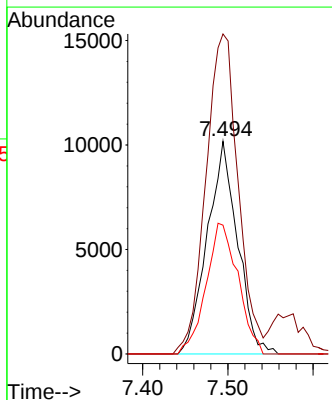
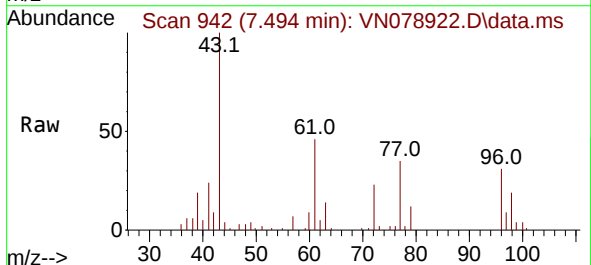
Manual Integrations
APPROVED

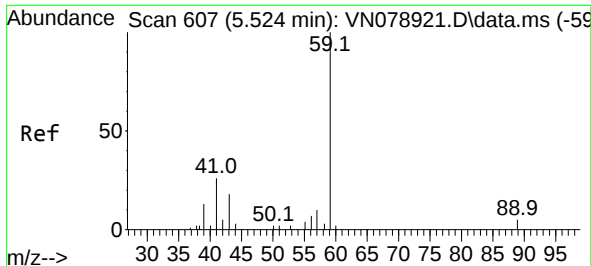
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#22
cis-1,2-Dichloroethene
Concen: 9.194 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

Tgt Ion: 96 Resp: 25157
Ion Ratio Lower Upper
96 100
61 160.1 121.8 182.6
98 64.7 50.7 76.1





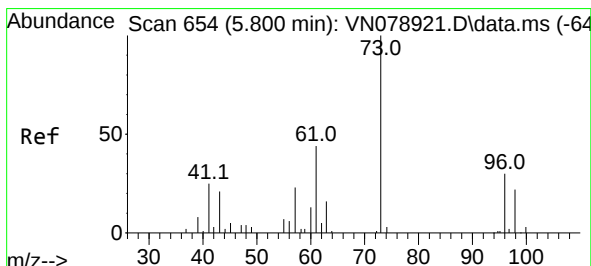
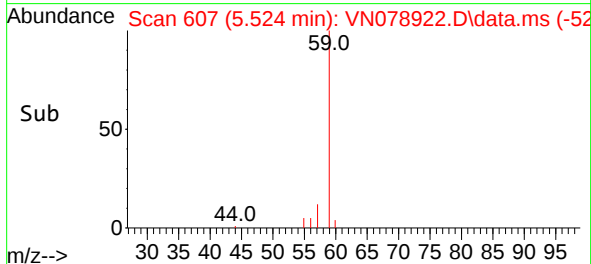
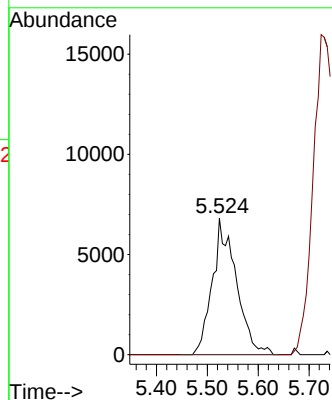
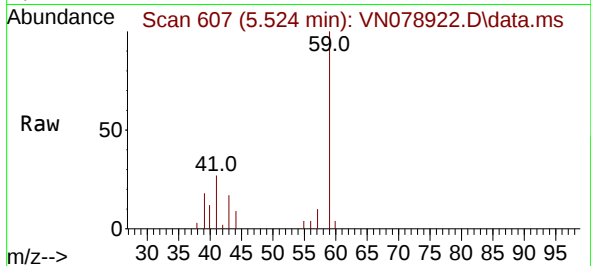
#23
tert-Butyl Alcohol
Concen: 45.587 ug/l m
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 59 Resp: 2225
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

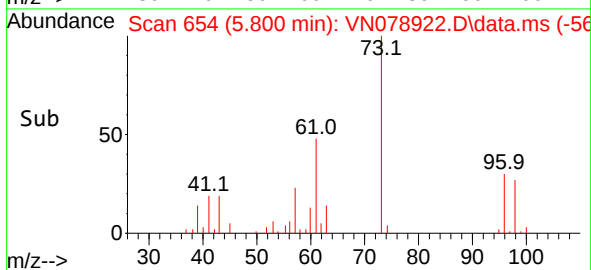
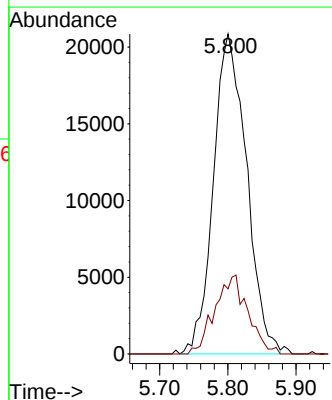
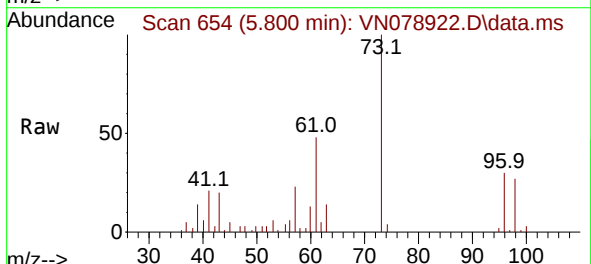
Manual Integrations
APPROVED

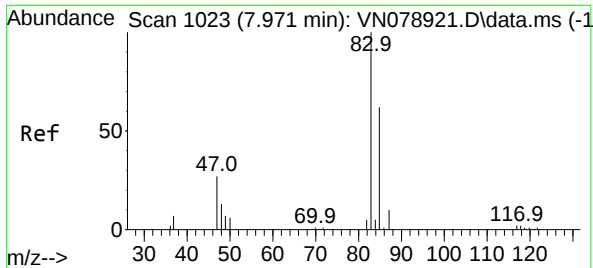
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#24
Methyl tert-Butyl Ether
Concen: 9.333 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

Tgt Ion: 73 Resp: 70404
Ion Ratio Lower Upper
73 100
43 15.7 17.3 25.9#





#25

Chloroform

Concen: 9.632 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078922.D

Acq: 17 Aug 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 83 Resp: 4559

Ion Ratio Lower Upper

83 100

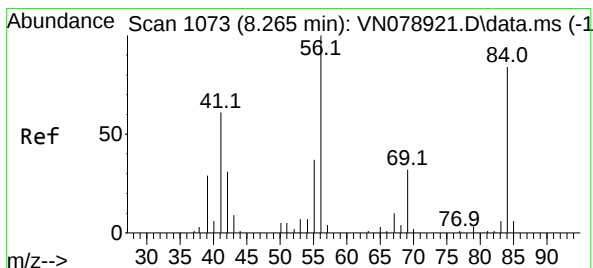
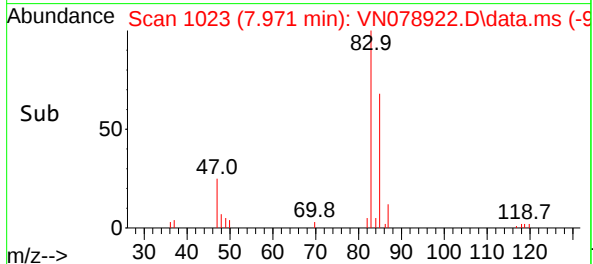
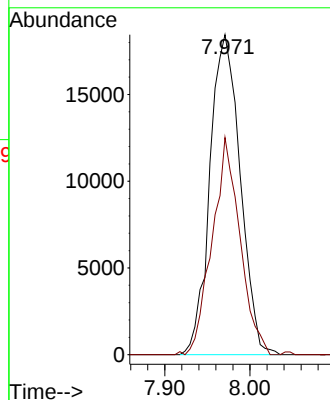
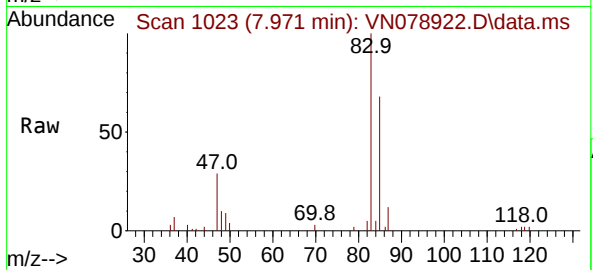
85 67.9 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#26

Cyclohexane

Concen: 9.034 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078922.D

Acq: 17 Aug 2023 13:27

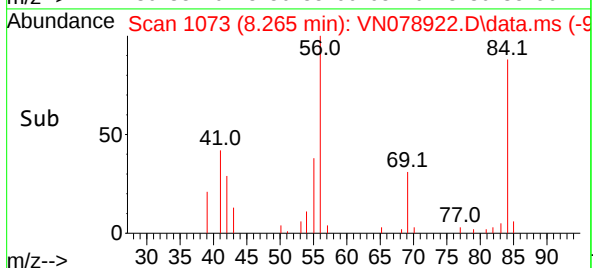
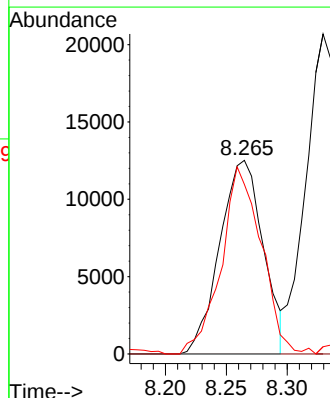
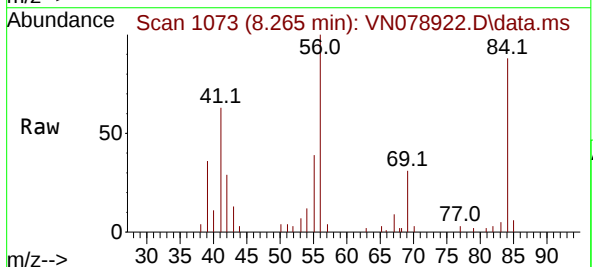
Tgt Ion: 56 Resp: 31055

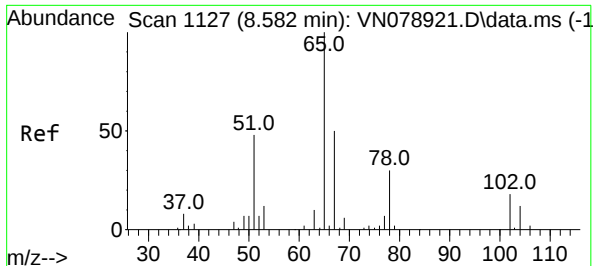
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

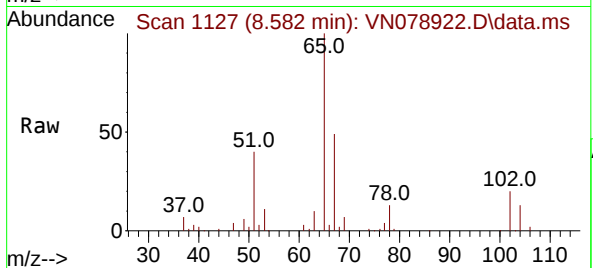
84 89.3 70.1 105.1





#27
1,2-Dichloroethane-d4
Concen: 30.599 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

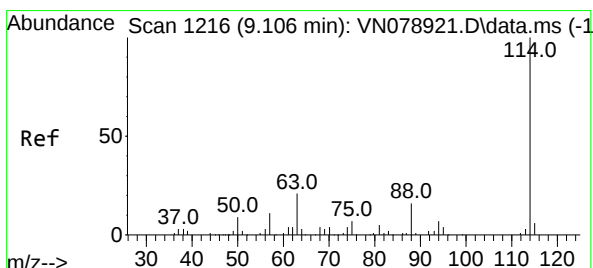
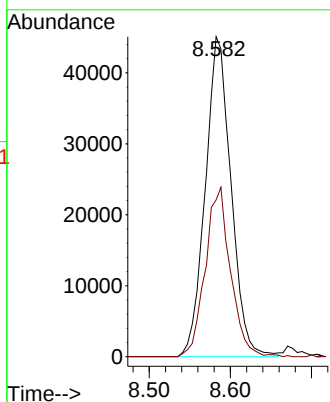
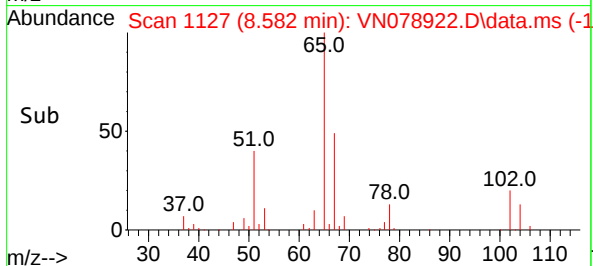
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 65 Resp: 99410
Ion Ratio Lower Upper
65 100
67 51.5 40.7 61.1

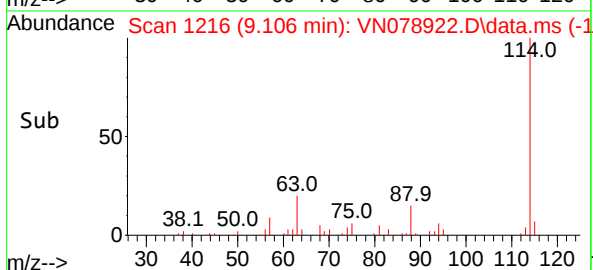
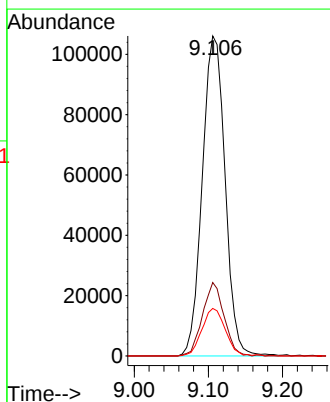
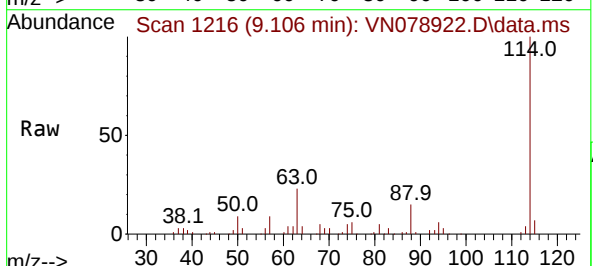
Manual Integrations
APPROVED

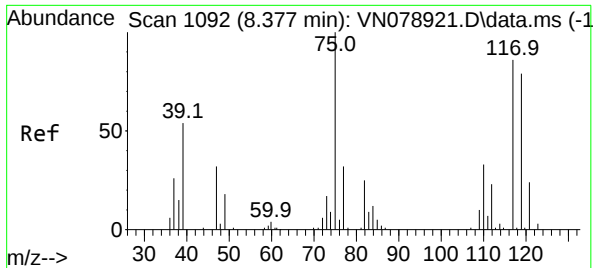
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

Tgt Ion:114 Resp: 226638
Ion Ratio Lower Upper
114 100
63 21.7 17.4 26.2
88 15.1 12.0 18.0





#29
1,1-Dichloropropene
Concen: 8.998 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

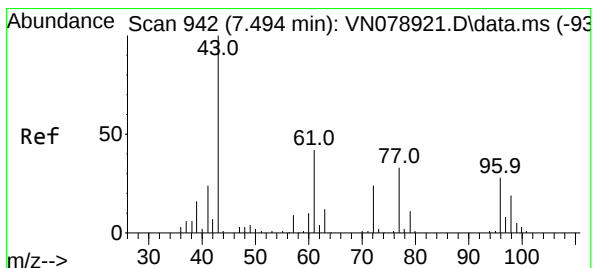
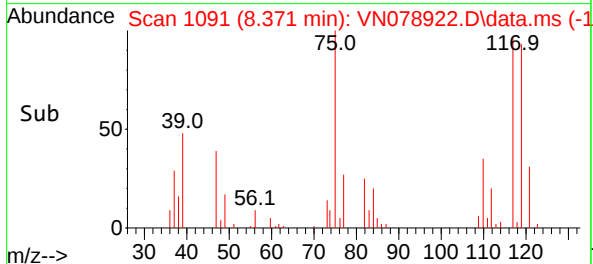
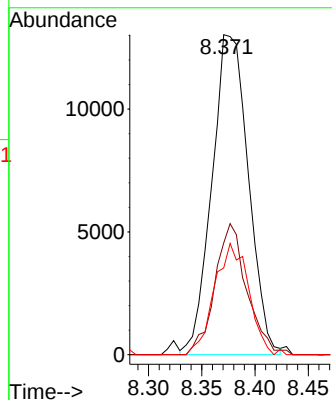
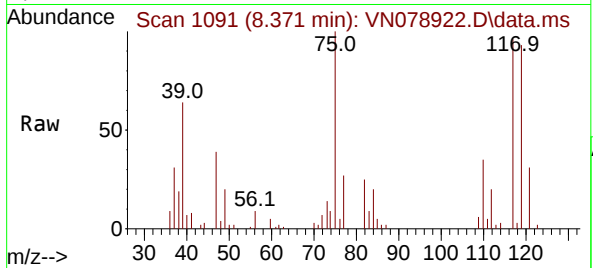
Tgt Ion: 75 Resp: 3102
Ion Ratio Lower Upper
75 100
110 35.6 0.0 65.8
77 32.4 0.0 60.4

Manual Integrations

APPROVED

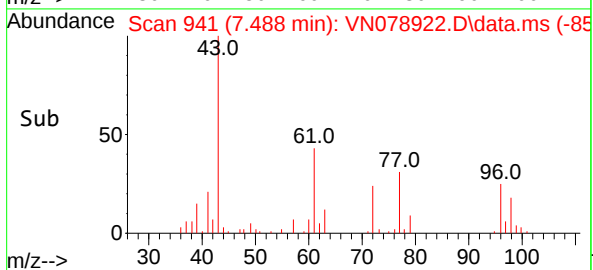
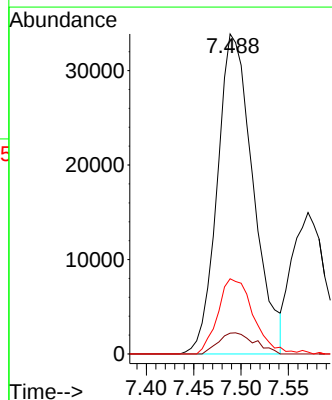
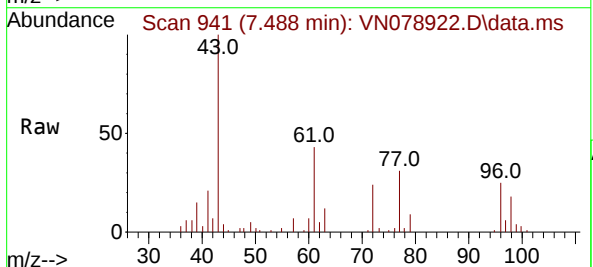
Reviewed By :John Carlone 08/18/2023

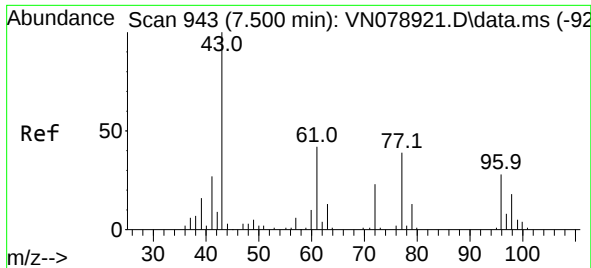
Supervised By :Semsettin Yesilyurt 08/18/2023



#30
2-Butanone
Concen: 44.123 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

Tgt Ion: 43 Resp: 89054
Ion Ratio Lower Upper
43 100
57 6.7 6.2 9.4
72 23.2 19.4 29.2





#31

2,2-Dichloropropane

Concen: 8.759 ug/l

RT: 7.506 min Scan# 943

Delta R.T. 0.006 min

Lab File: VN078922.D

Acq: 17 Aug 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 77 Resp: 33375

Ion Ratio Lower Upper

77 100

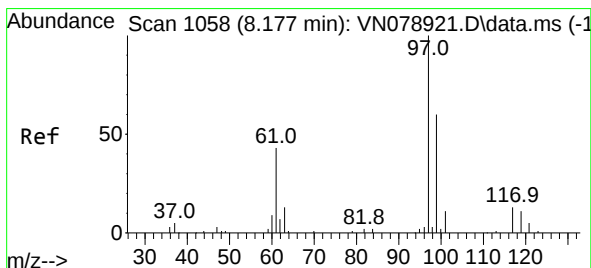
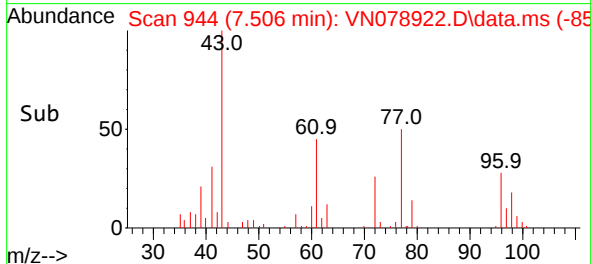
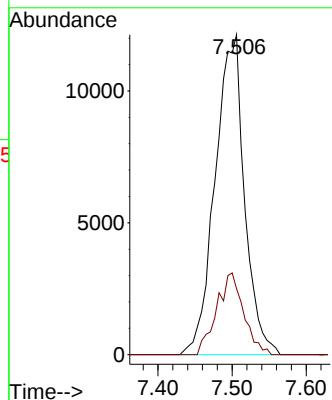
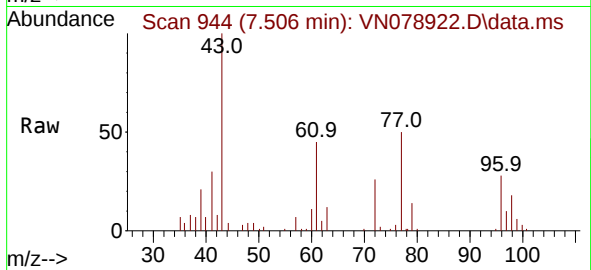
97 23.5 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#32

1,1,1-Trichloroethane

Concen: 9.134 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078922.D

Acq: 17 Aug 2023 13:27

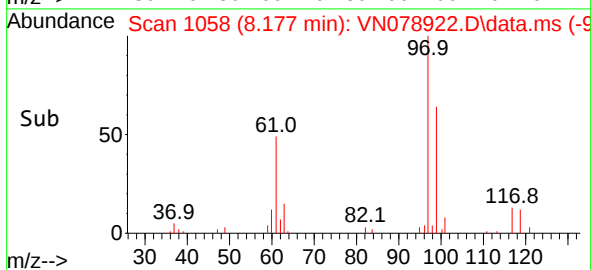
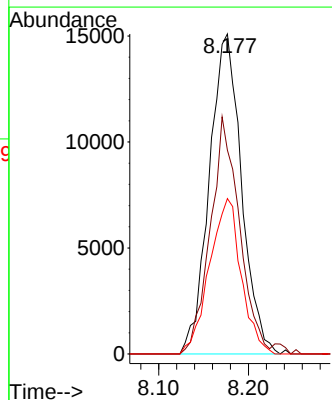
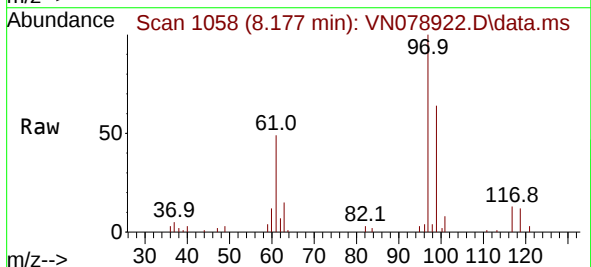
Tgt Ion: 97 Resp: 37596

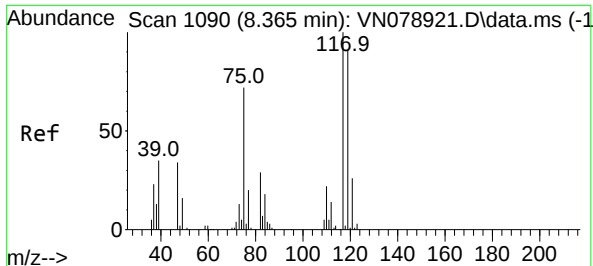
Ion Ratio Lower Upper

97 100

99 67.0 52.0 78.0

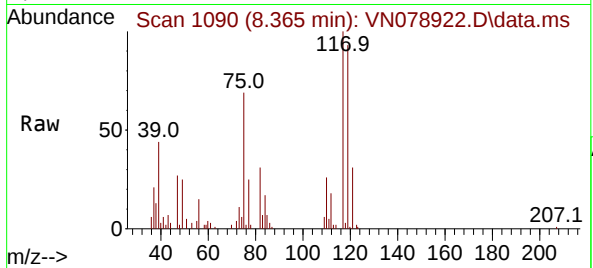
61 47.9 37.0 55.6





#33
Carbon Tetrachloride
Concen: 9.377 ug/l m
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

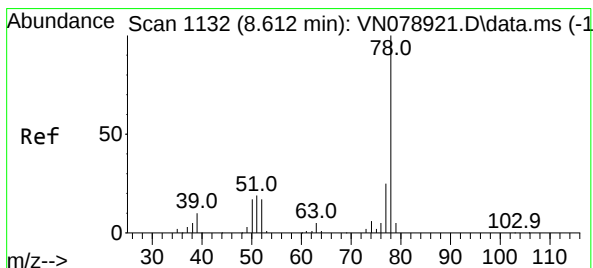
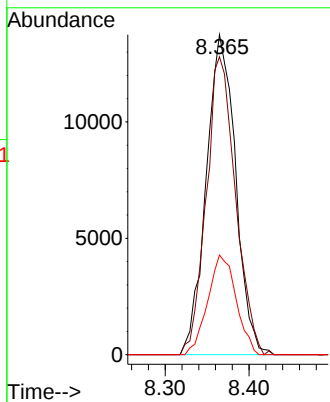
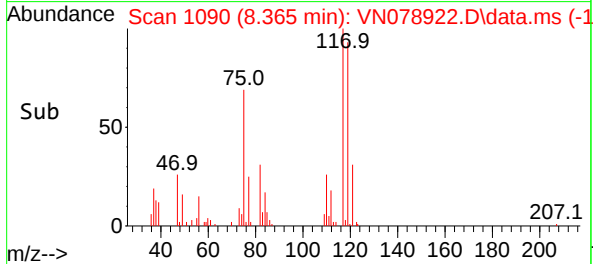
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 117 Resp: 3343
Ion Ratio Lower Upper
117 100
119 93.1 72.6 108.8
121 31.1 20.7 31.1

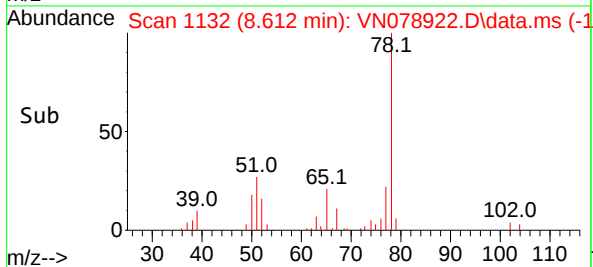
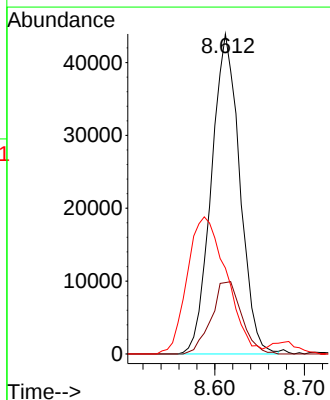
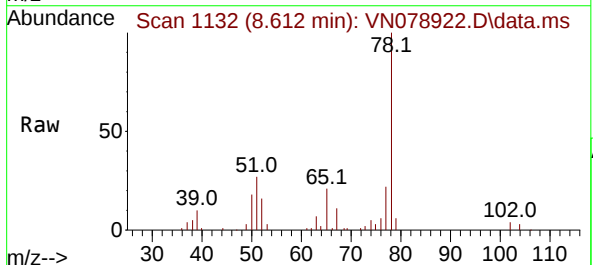
Manual Integrations
APPROVED

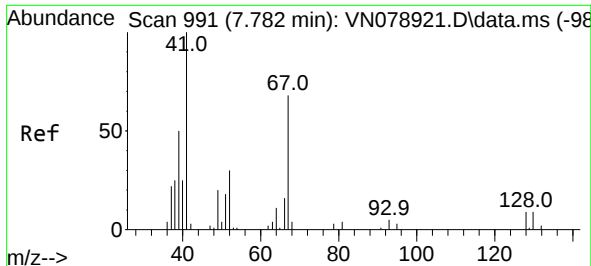
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#34
Benzene
Concen: 9.353 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

Tgt Ion: 78 Resp: 96628
Ion Ratio Lower Upper
78 100
77 22.3 19.9 29.9
51 23.5 14.8 22.2





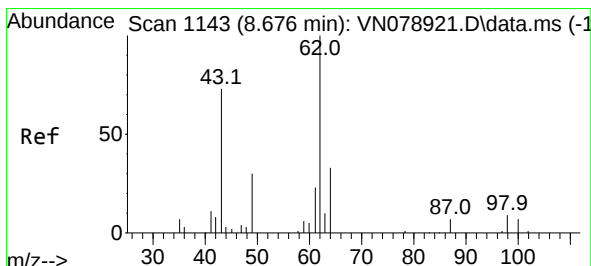
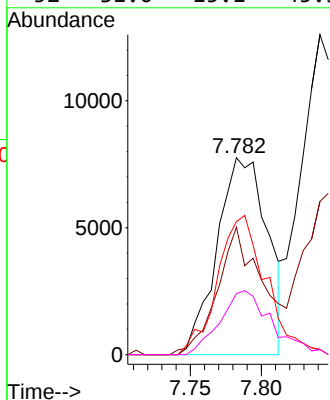
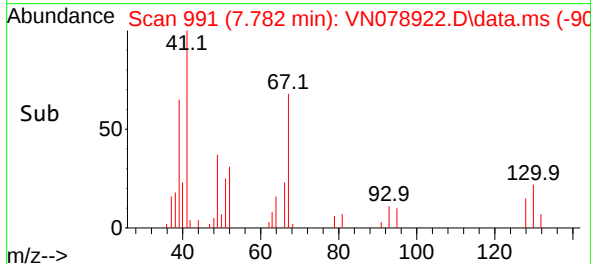
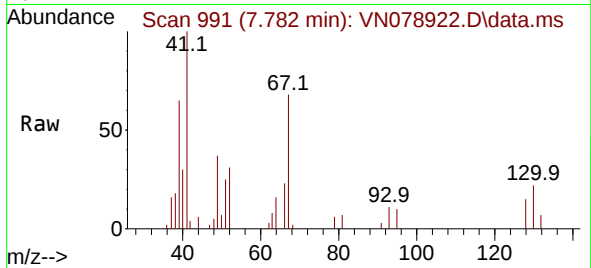
#35
Methacrylonitrile
Concen: 8.884 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC010

Tgt Ion:	41	Resp:	1911
Ion Ratio	Lower	Upper	
41	100		
39	62.2	25.0	75.0
67	67.6	34.0	102.0
52	31.0	15.1	45.3

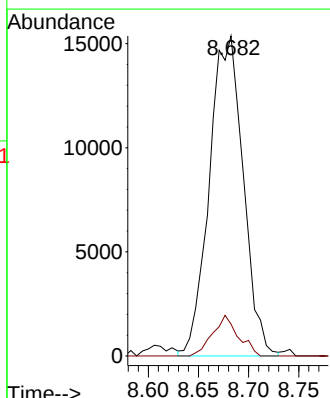
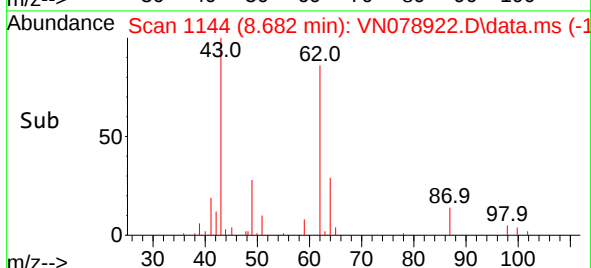
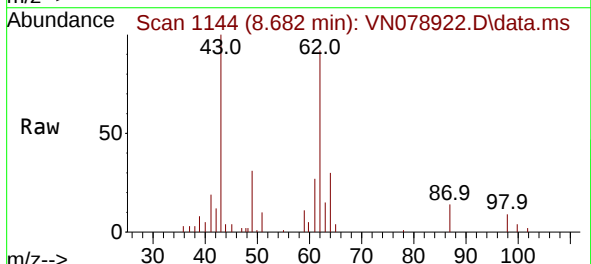
Manual Integrations
APPROVED

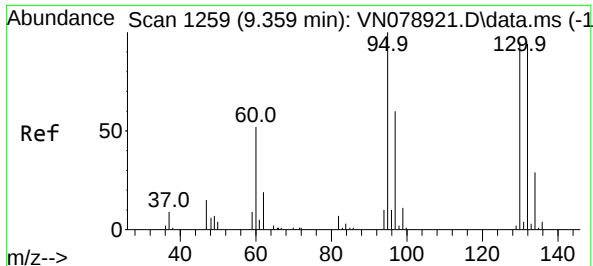
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#36
1,2-Dichloroethane
Concen: 9.331 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

Tgt Ion:	62	Resp:	36103
Ion Ratio	Lower	Upper	
62	100		
98	9.6	8.1	12.1





#37

Trichloroethene

Concen: 9.321 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.006 min

Lab File: VN078922.D

Acq: 17 Aug 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion:130 Resp: 23972

Ion Ratio Lower Upper

130 100

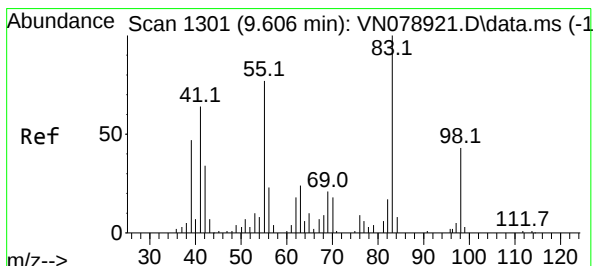
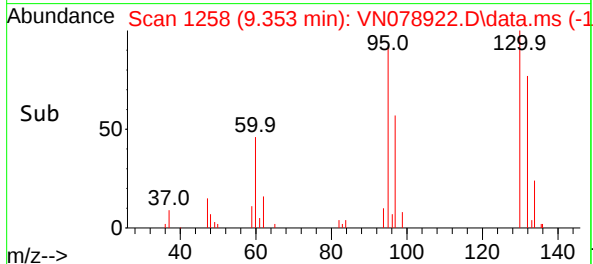
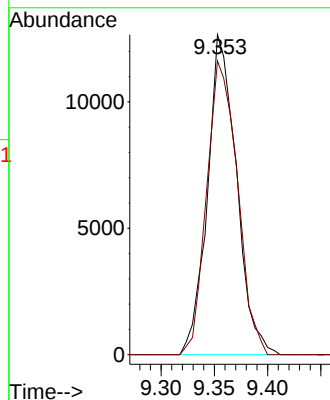
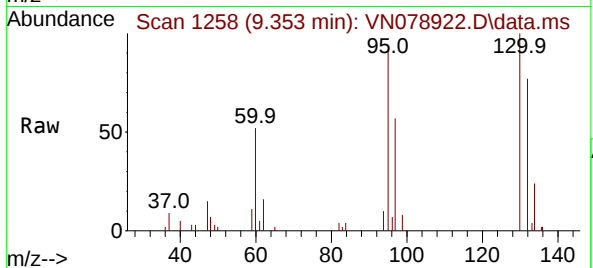
95 91.8 84.6 127.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#38

Methylcyclohexane

Concen: 9.091 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN078922.D

Acq: 17 Aug 2023 13:27

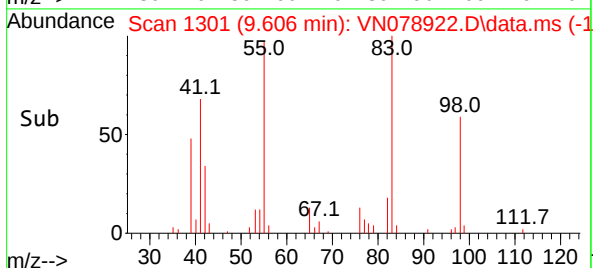
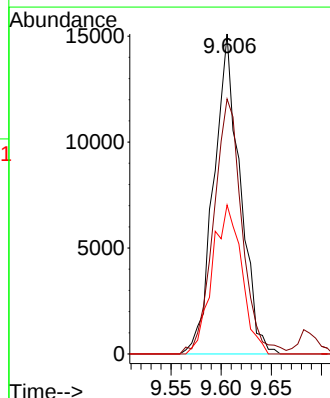
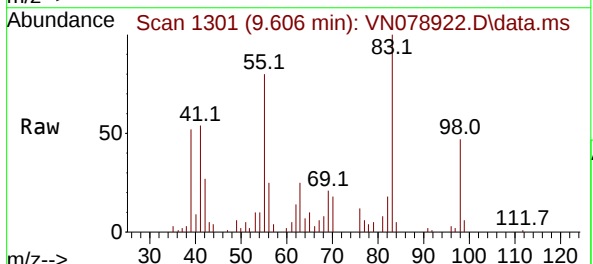
Tgt Ion: 83 Resp: 27593

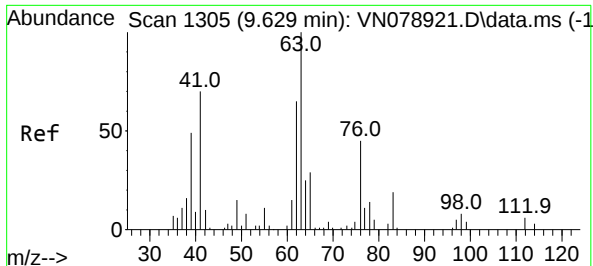
Ion Ratio Lower Upper

83 100

55 85.5 40.2 120.6

98 52.1 24.1 72.3





#39

1,2-Dichloropropane

Concen: 9.451 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078922.D

Acq: 17 Aug 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 2630

Ion Ratio Lower Upper

63 100

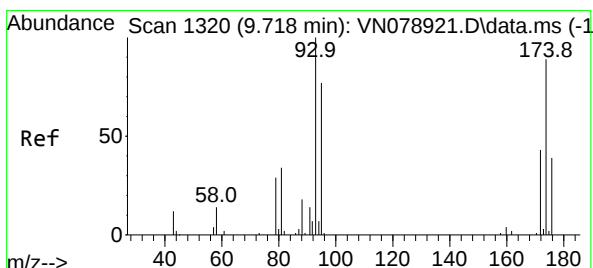
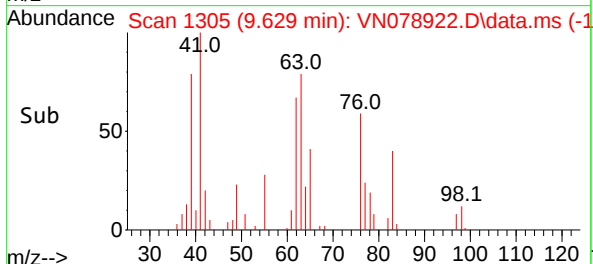
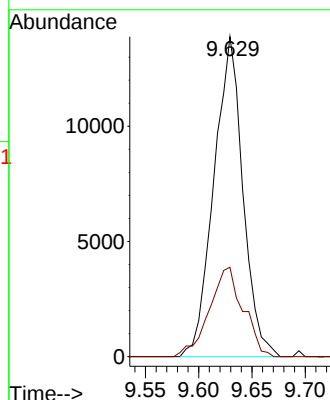
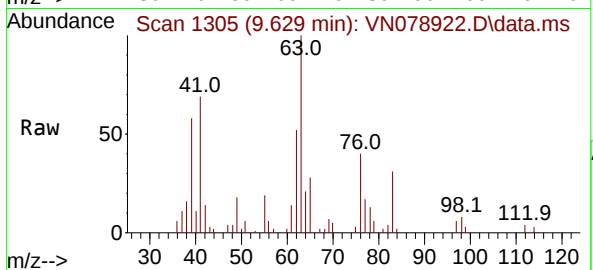
65 28.0 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#40

Dibromomethane

Concen: 9.728 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078922.D

Acq: 17 Aug 2023 13:27

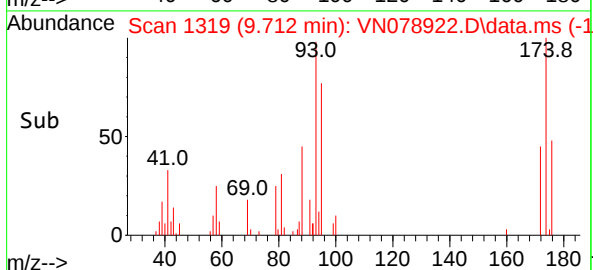
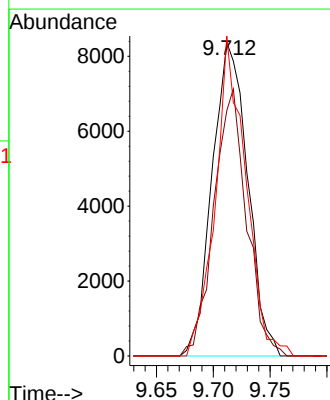
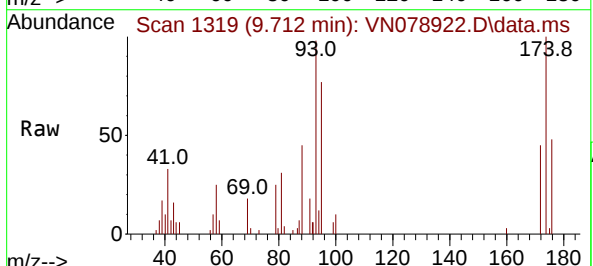
Tgt Ion: 93 Resp: 18148

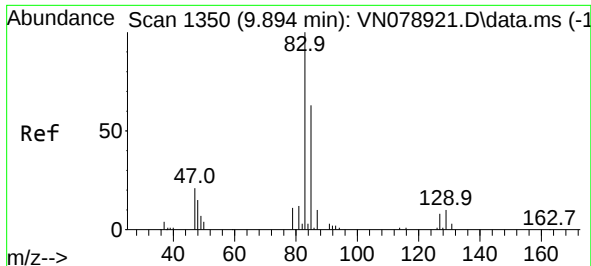
Ion Ratio Lower Upper

93 100

95 78.4 0.0 162.0

174 87.8 0.0 188.6





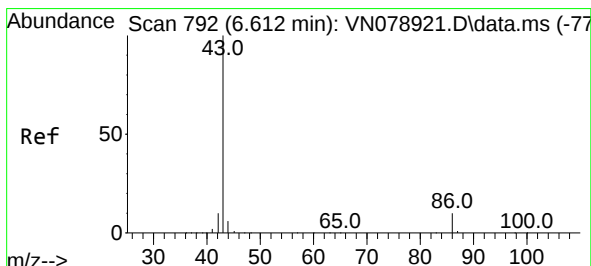
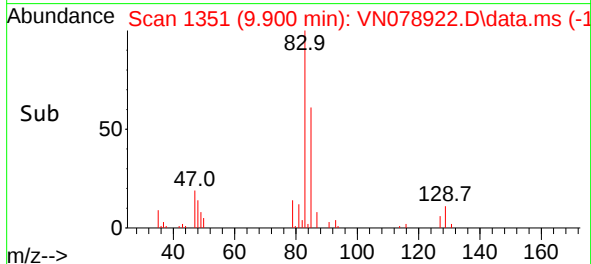
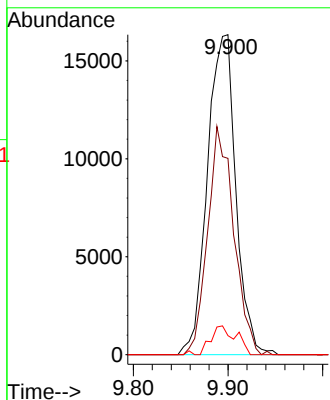
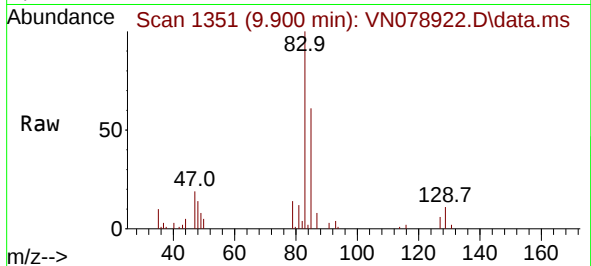
#41
Bromodichloromethane
Concen: 9.107 ug/l
RT: 9.900 min Scan# 1351
Delta R.T. 0.006 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 3416
Ion Ratio Lower Upper
83 100
85 61.3 50.2 75.2
127 5.9 6.2 9.4

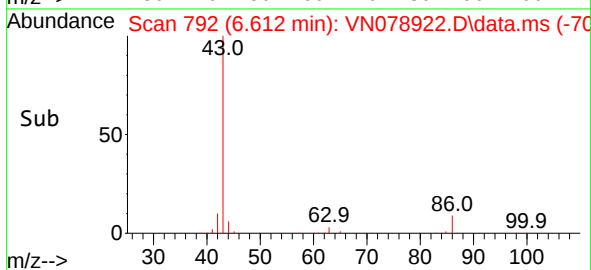
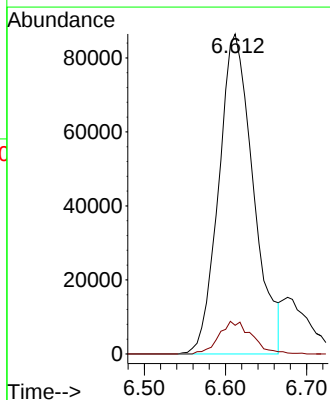
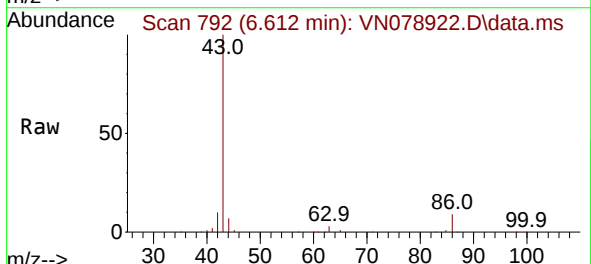
Manual Integrations
APPROVED

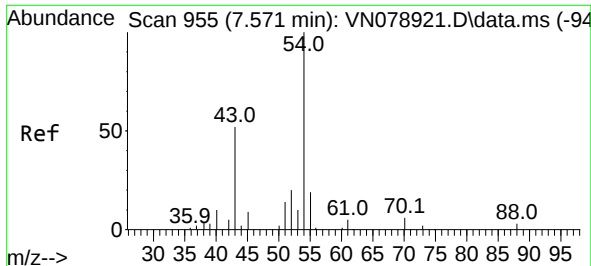
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#42
Vinyl Acetate
Concen: 44.981 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

Tgt Ion: 43 Resp: 255960
Ion Ratio Lower Upper
43 100
86 9.7 7.4 11.0





#43

Ethyl Acetate

Concen: 9.551 ug/l m

RT: 7.571 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN078922.D

Acq: 17 Aug 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 3665

Ion Ratio Lower Upper

43 100

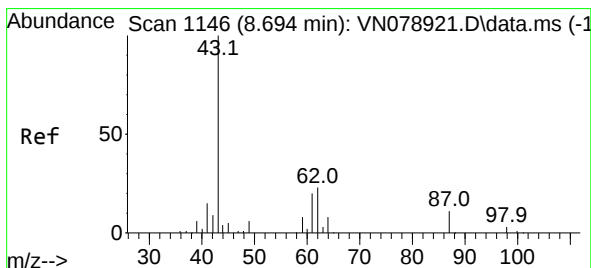
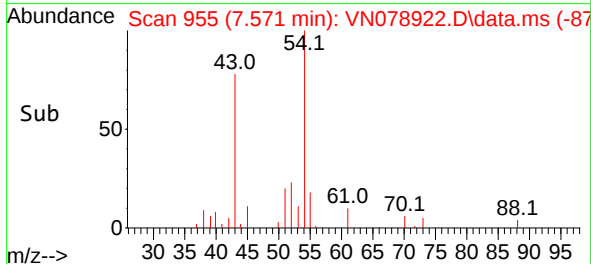
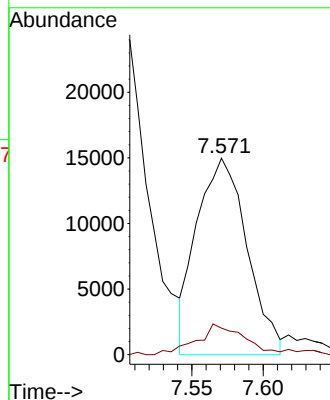
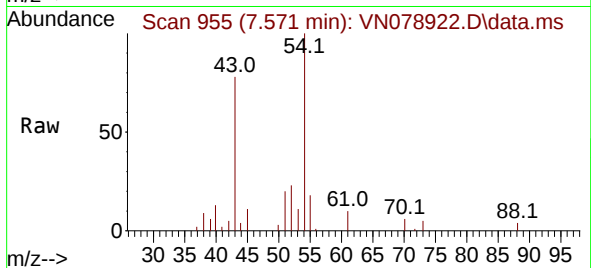
45 14.5 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#44

Isopropyl Acetate

Concen: 9.321 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078922.D

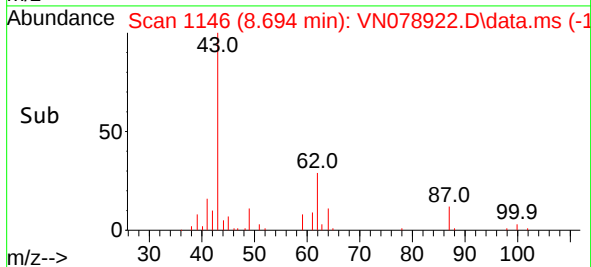
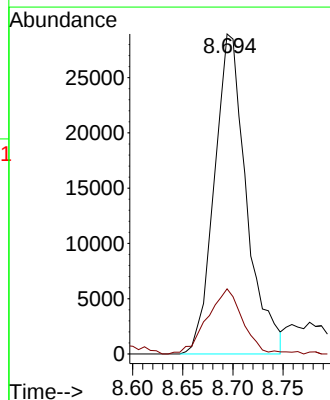
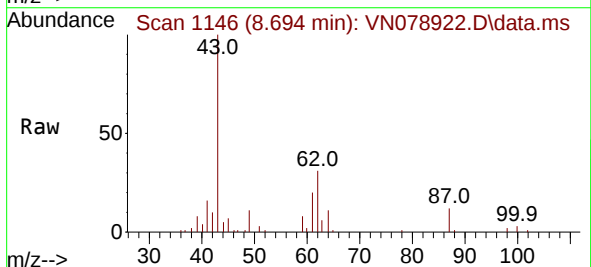
Acq: 17 Aug 2023 13:27

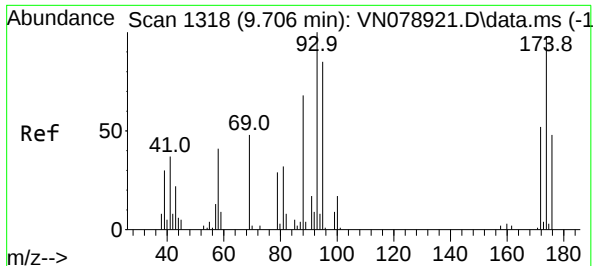
Tgt Ion: 43 Resp: 64309

Ion Ratio Lower Upper

43 100

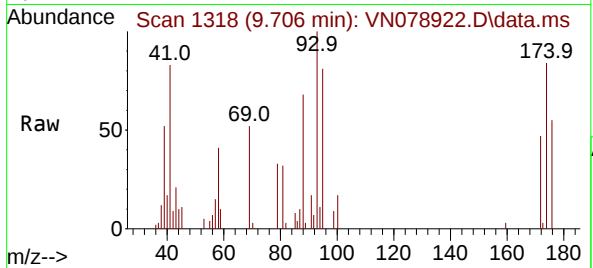
61 22.1 19.0 28.4





#45
1,4-Dioxane
Concen: 185.599 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

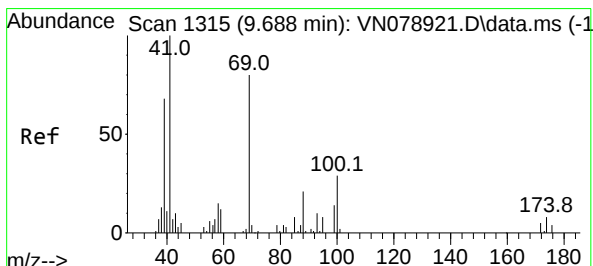
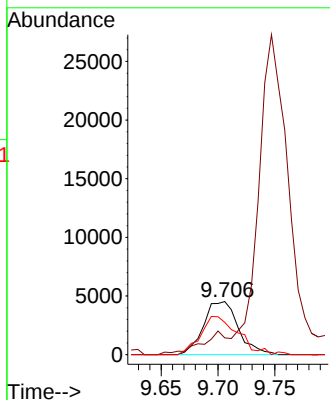
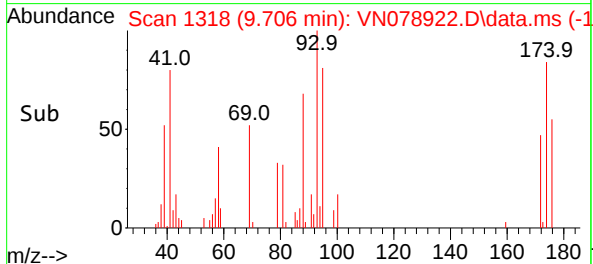
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 88 Resp: 9630
Ion Ratio Lower Upper
88 100
43 35.4 28.1 42.1
58 74.8 57.0 85.4

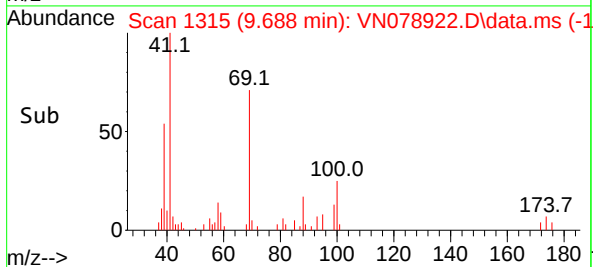
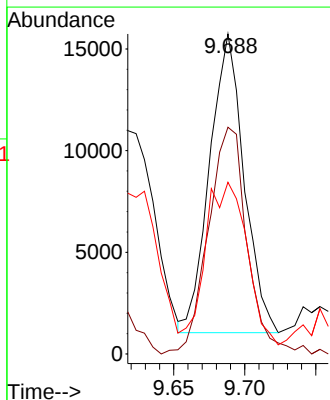
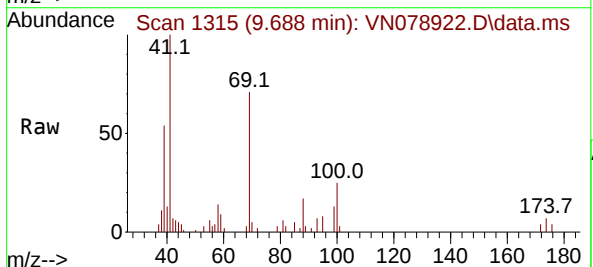
Manual Integrations
APPROVED

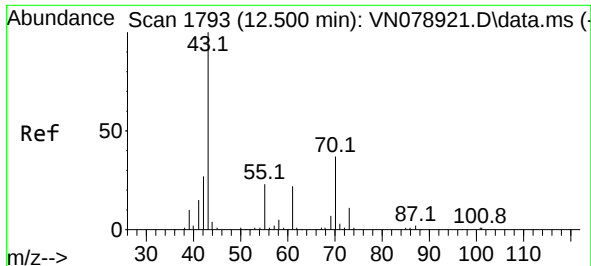
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#46
Methyl methacrylate
Concen: 8.129 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

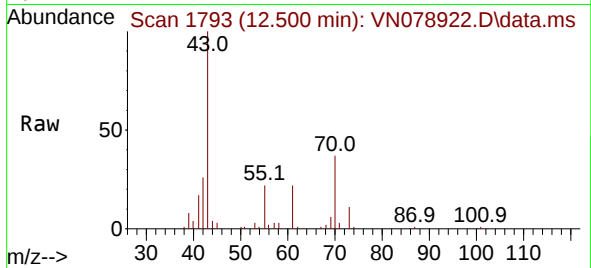
Tgt Ion: 41 Resp: 24711
Ion Ratio Lower Upper
41 100
69 74.5 38.5 115.5
39 54.4 35.9 107.8





#47
n-amyl acetate
Concen: 8.196 ug/l
RT: 12.500 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

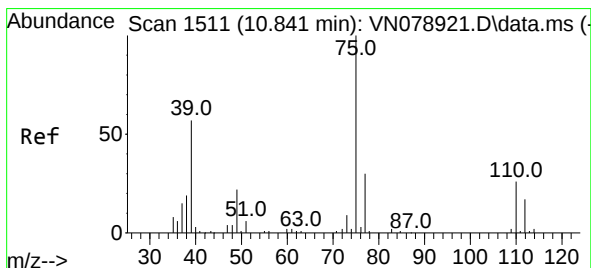
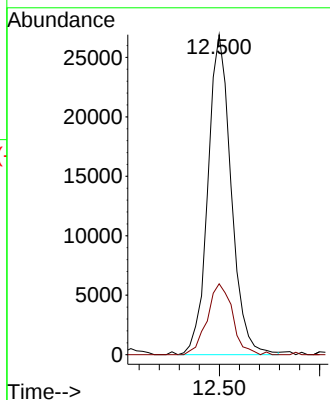
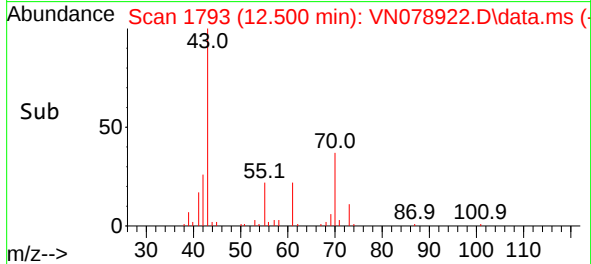
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 43392
Ion Ratio Lower Upper
43 100
55 23.8 17.5 26.3

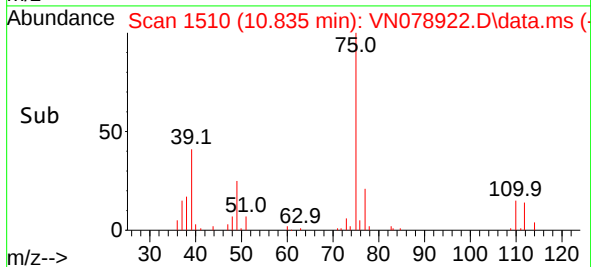
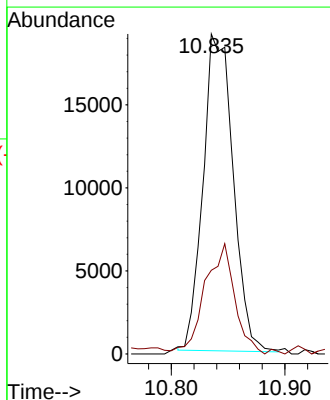
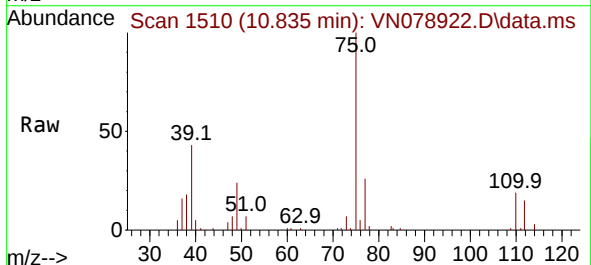
Manual Integrations
APPROVED

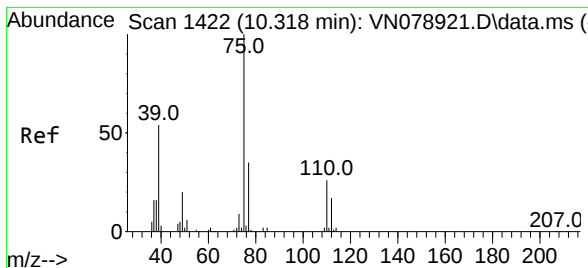
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#48
t-1,3-Dichloropropene
Concen: 8.774 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

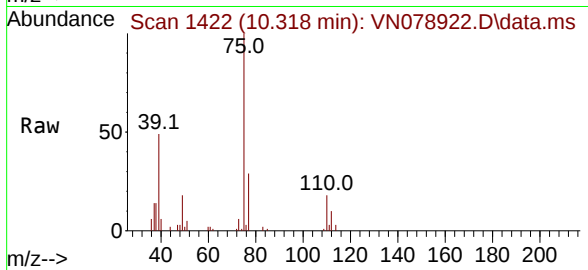
Tgt Ion: 75 Resp: 35058
Ion Ratio Lower Upper
75 100
77 25.6 23.7 35.5





#49
 cis-1,3-Dichloropropene
 Concen: 9.034 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN078922.D
 Acq: 17 Aug 2023 13:27

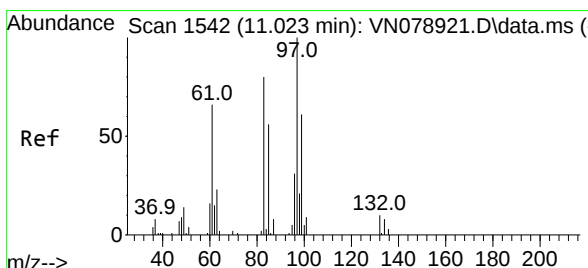
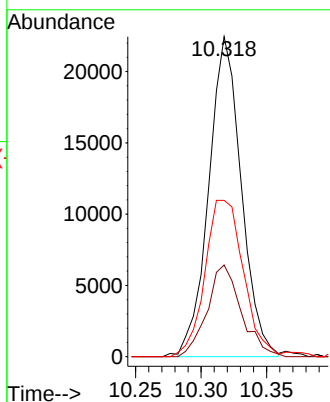
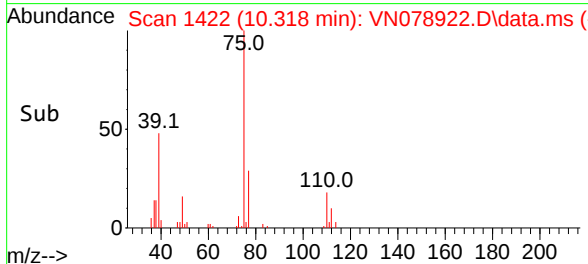
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 75 Resp: 3870
 Ion Ratio Lower Upper
 75 100
 77 28.8 27.8 41.8
 39 48.4 43.5 65.3

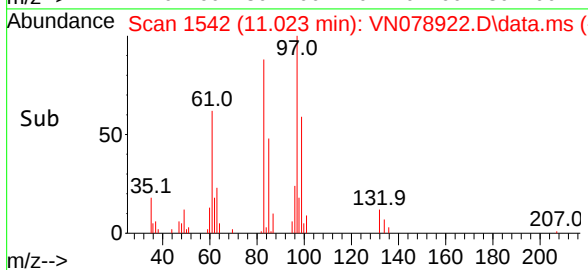
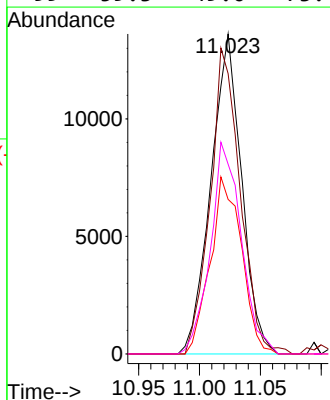
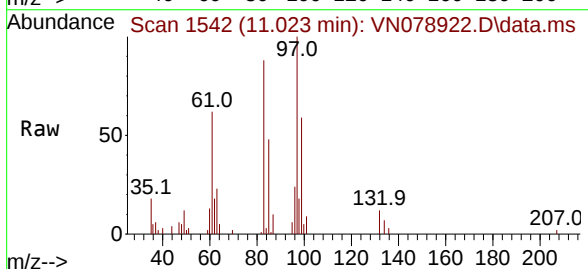
Manual Integrations
 APPROVED

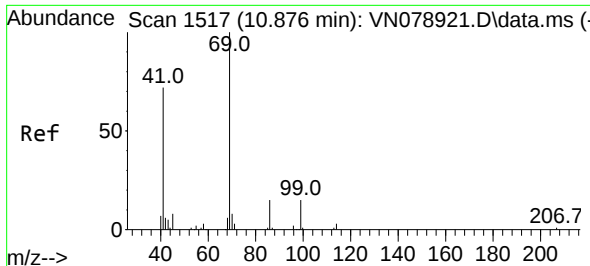
Reviewed By :John Carlone 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023



#50
 1,1,2-Trichloroethane
 Concen: 9.467 ug/l
 RT: 11.023 min Scan# 1542
 Delta R.T. 0.000 min
 Lab File: VN078922.D
 Acq: 17 Aug 2023 13:27

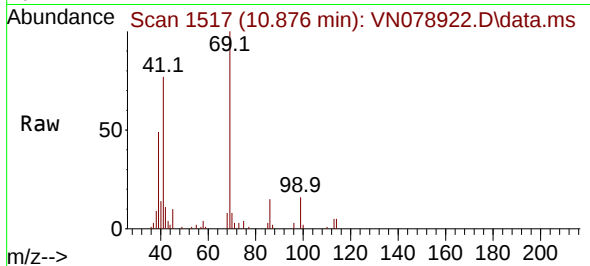
Tgt Ion: 97 Resp: 23865
 Ion Ratio Lower Upper
 97 100
 83 87.6 63.7 95.5
 85 48.3 44.9 67.3
 99 59.3 49.0 73.4





#51
Ethyl methacrylate
Concen: 8.851 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

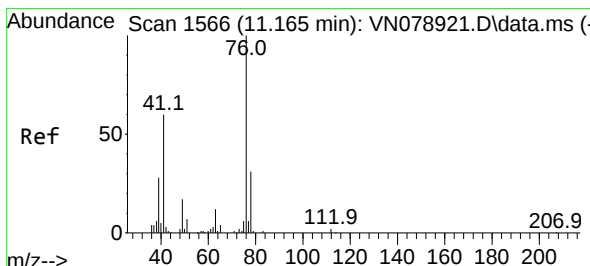
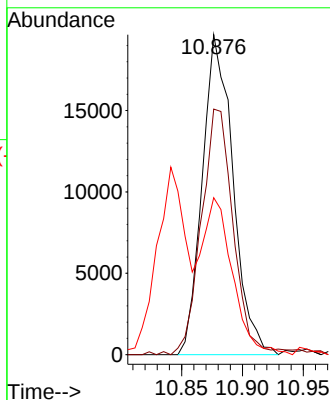
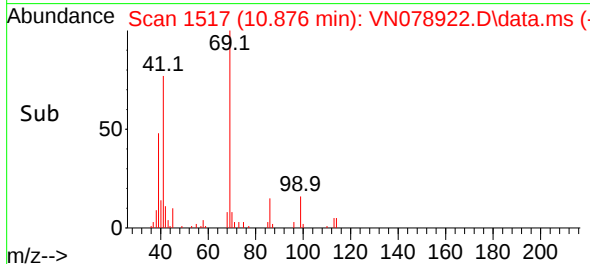
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



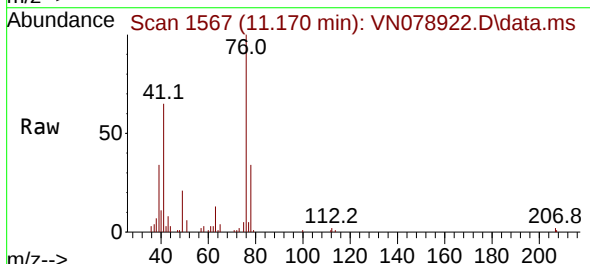
Tgt Ion: 69 Resp: 34534
Ion Ratio Lower Upper
69 100
41 75.0 35.9 107.8
39 47.9 23.5 70.5

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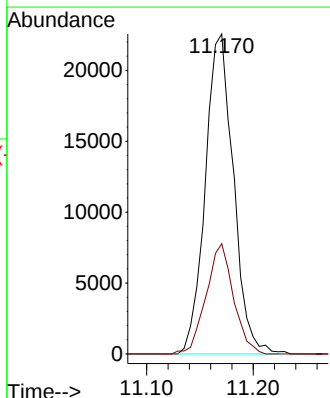
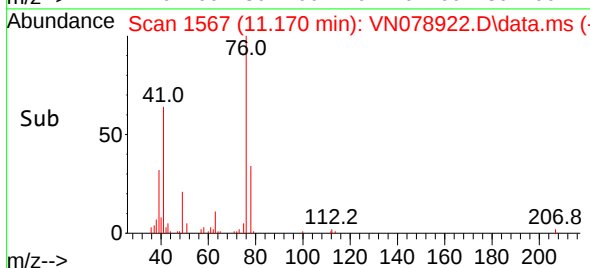
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

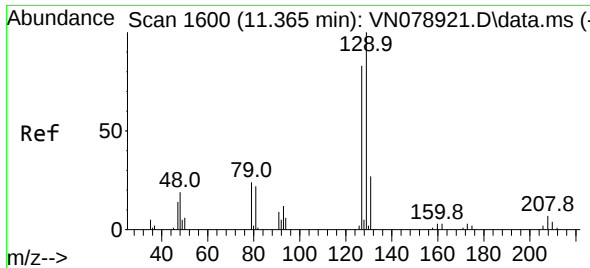


#52
1,3-Dichloropropane
Concen: 9.168 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27



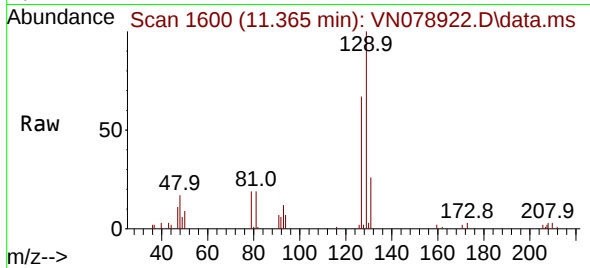
Tgt Ion: 76 Resp: 41394
Ion Ratio Lower Upper
76 100
78 33.5 0.0 64.6





#53
Dibromochloromethane
Concen: 9.268 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

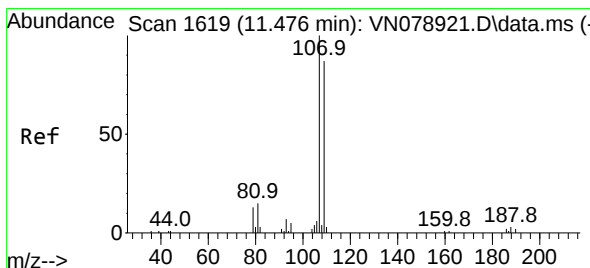
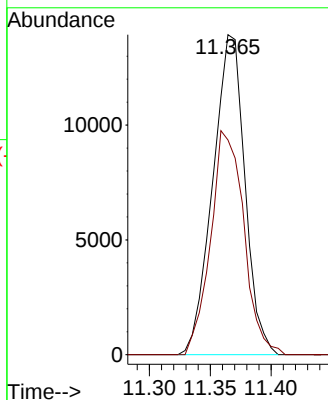
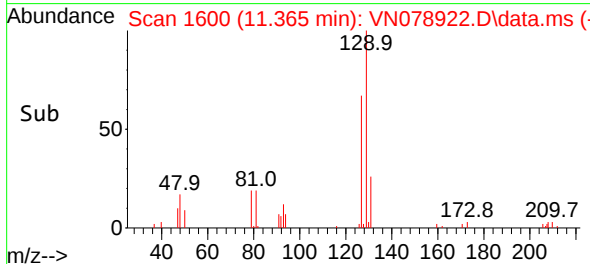
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



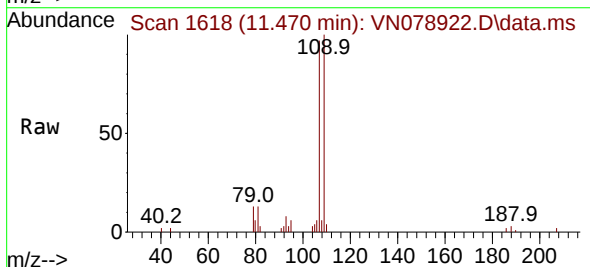
Tgt Ion:129 Resp: 25572
Ion Ratio Lower Upper
129 100
127 72.3 40.1 120.2

Manual Integrations
APPROVED

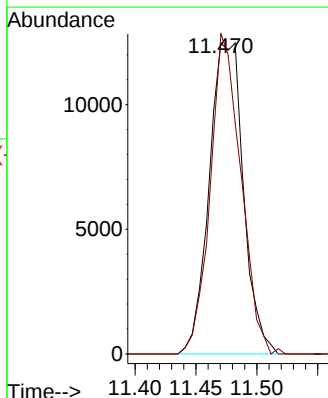
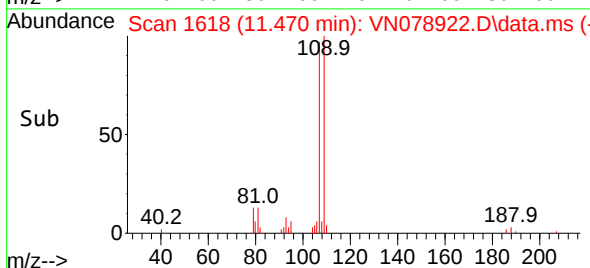
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

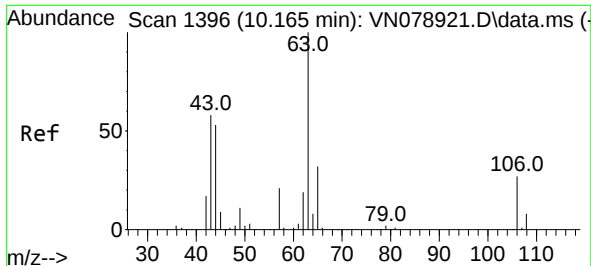


#54
1,2-Dibromoethane
Concen: 9.427 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27



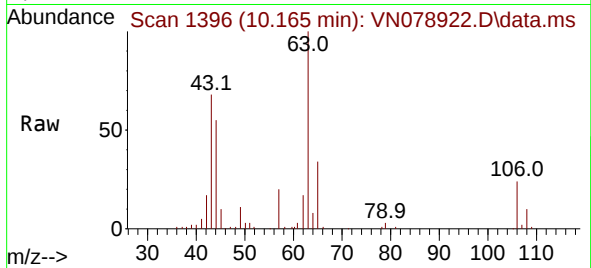
Tgt Ion:107 Resp: 24398
Ion Ratio Lower Upper
107 100
109 91.8 71.7 107.5





#55
2-Chloroethyl vinyl ether
Concen: 53.366 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

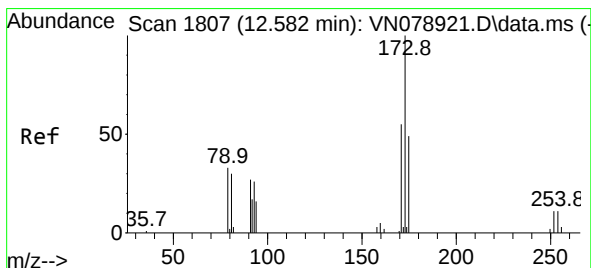
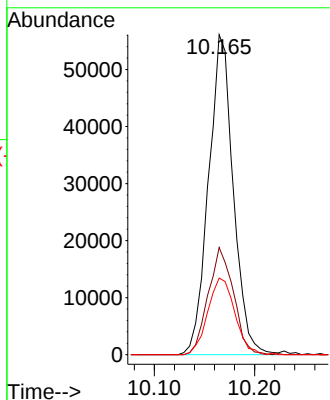
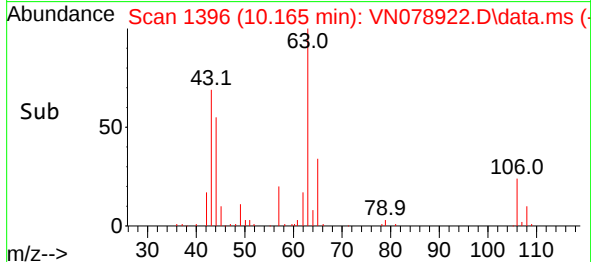
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 63 Resp: 9624
Ion Ratio Lower Upper
63 100
65 34.2 25.4 38.2
106 26.1 22.3 33.5

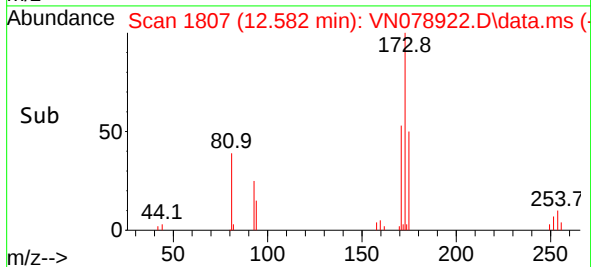
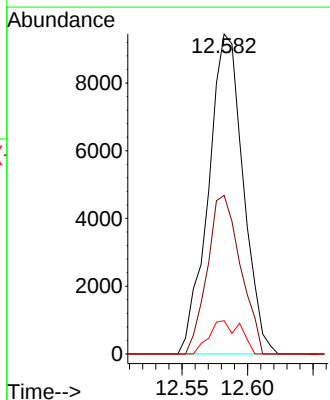
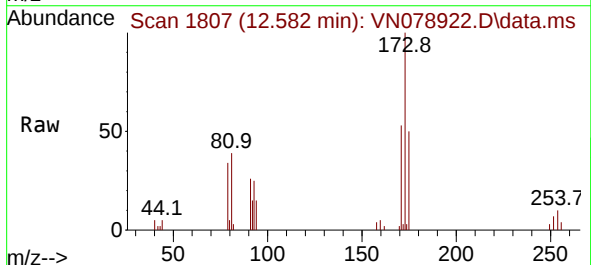
Manual Integrations
APPROVED

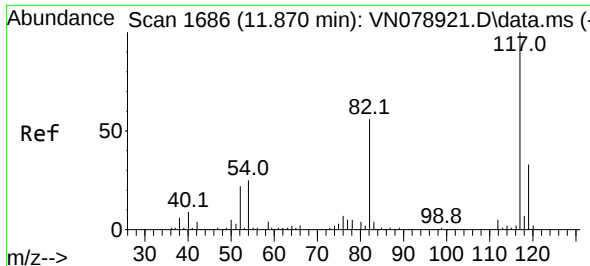
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#56
Bromoform
Concen: 8.955 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

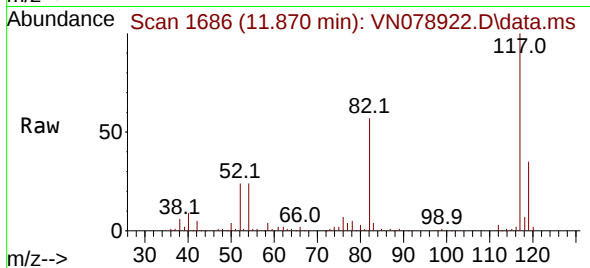
Tgt Ion:173 Resp: 17432
Ion Ratio Lower Upper
173 100
175 47.3 38.8 58.2
254 9.4 7.6 11.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

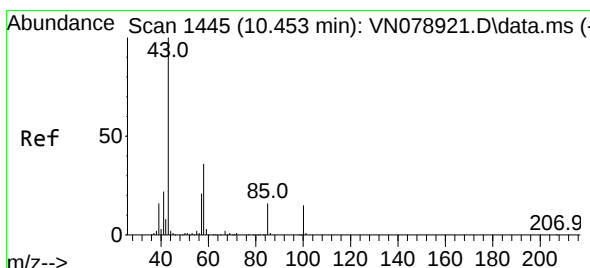
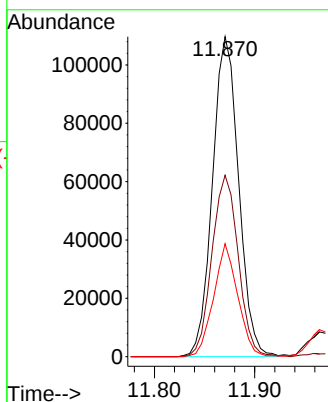
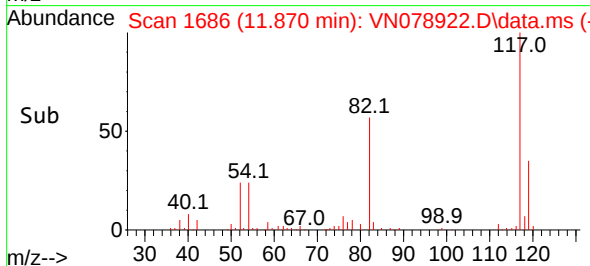
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



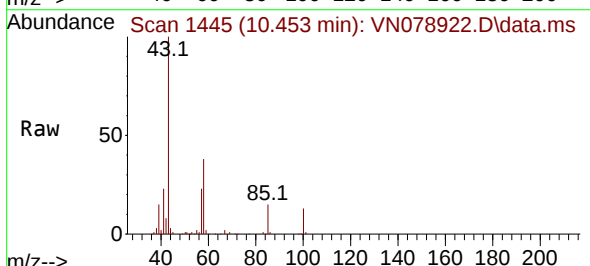
Tgt Ion: 117 Resp: 19841
Ion Ratio Lower Upper
117 100
82 57.0 43.4 65.0
119 32.5 25.5 38.3

Manual Integrations
APPROVED

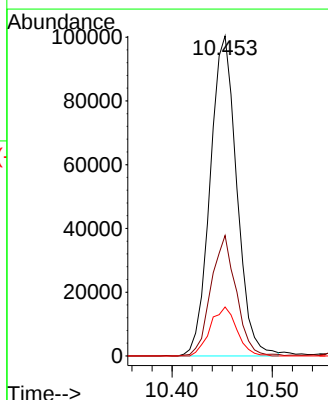
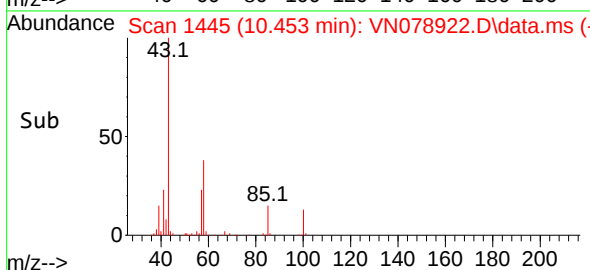
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

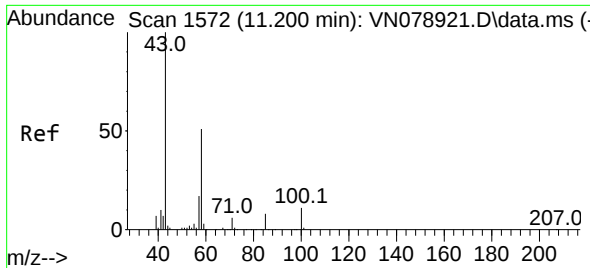


#58
4-Methyl-2-Pentanone
Concen: 47.086 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27



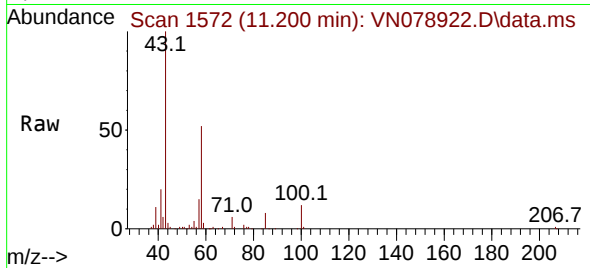
Tgt Ion: 43 Resp: 185356
Ion Ratio Lower Upper
43 100
58 35.4 28.8 43.2
85 15.3 12.7 19.1





#59
2-Hexanone
Concen: 45.141 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

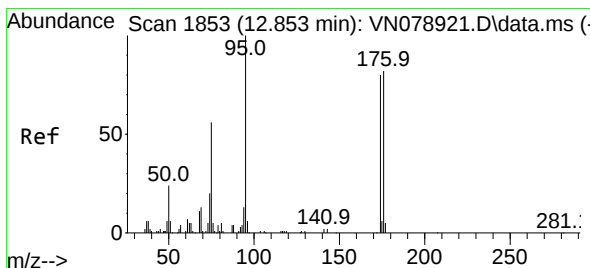
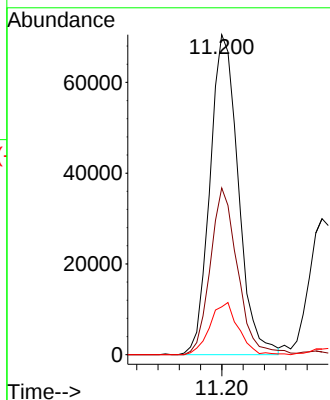
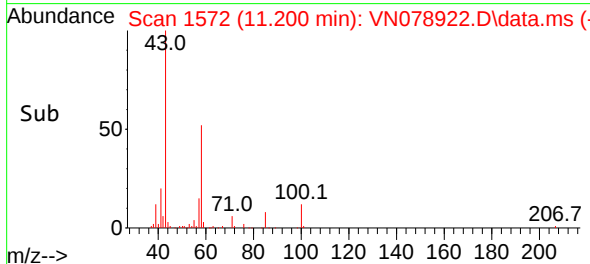
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 130198
Ion Ratio Lower Upper
43 100
58 50.2 40.6 60.8
57 16.1 13.6 20.4

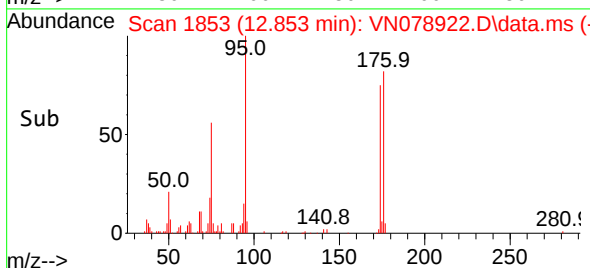
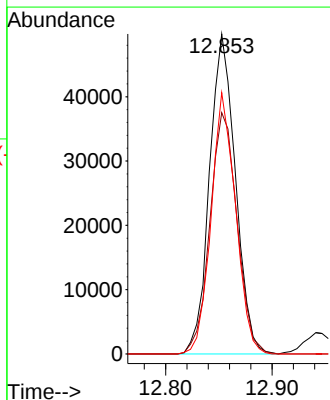
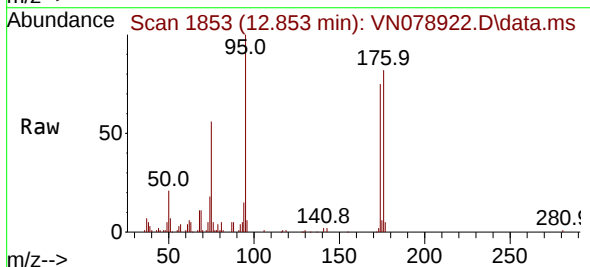
Manual Integrations
APPROVED

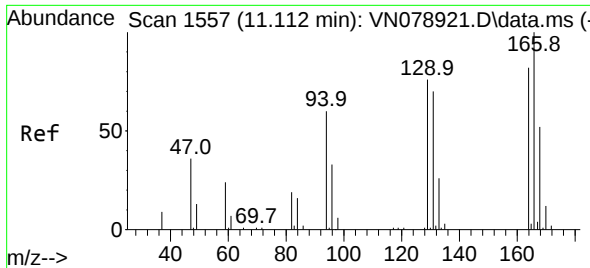
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#60
4-Bromofluorobenzene
Concen: 29.036 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

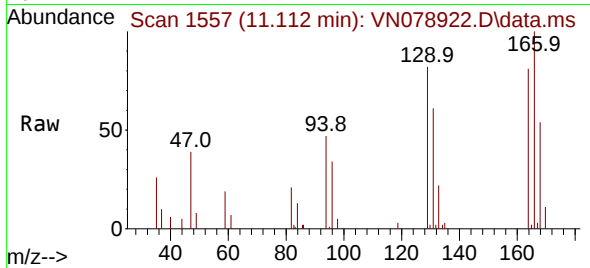
Tgt Ion: 95 Resp: 84037
Ion Ratio Lower Upper
95 100
174 79.1 64.8 97.2
176 77.1 63.0 94.6





#61
Tetrachloroethene
Concen: 9.630 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

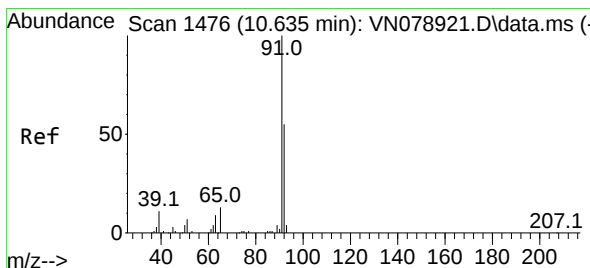
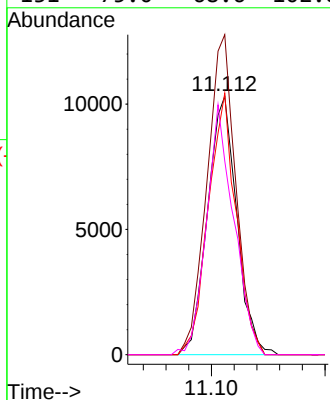
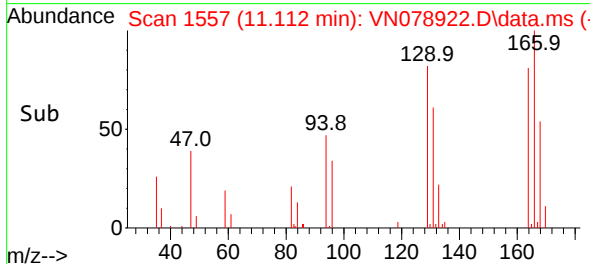
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



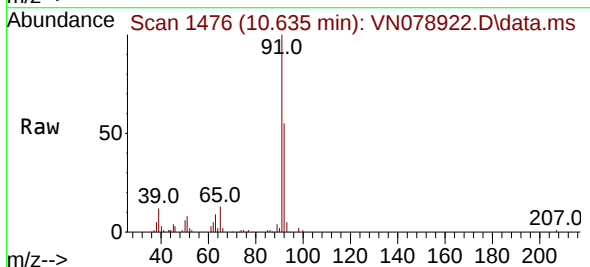
Tgt Ion:164 Resp: 1850
Ion Ratio Lower Upper
164 100
166 123.9 97.6 146.4
129 101.2 74.1 111.1
131 75.0 68.6 102.8

Manual Integrations
APPROVED

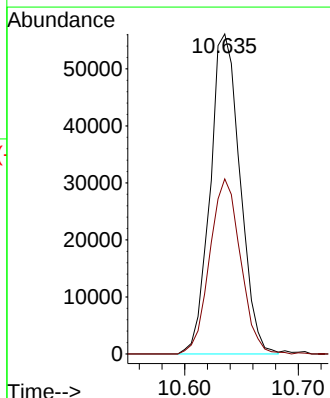
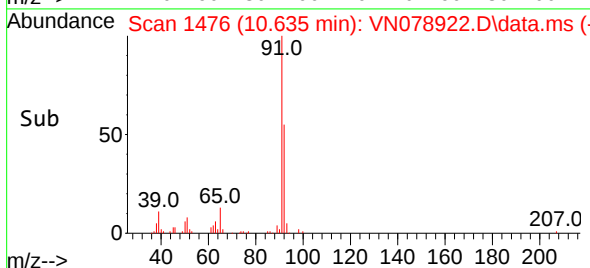
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

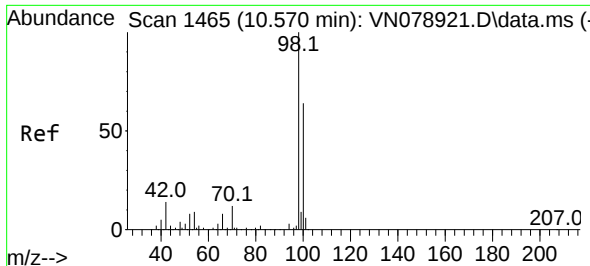


#62
Toluene
Concen: 9.479 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27



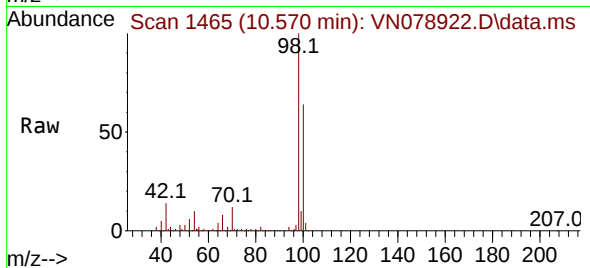
Tgt Ion: 91 Resp: 102684
Ion Ratio Lower Upper
91 100
92 56.3 44.7 67.1





#63
Toluene-d8
Concen: 30.612 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

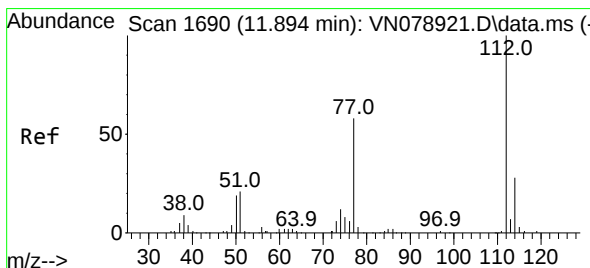
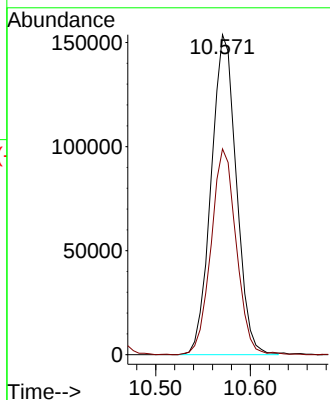
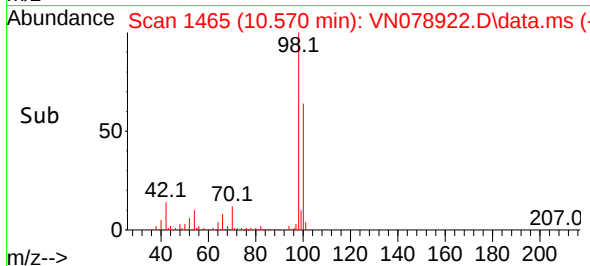
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 98 Resp: 28364
Ion Ratio Lower Upper
98 100
100 64.0 51.1 76.7

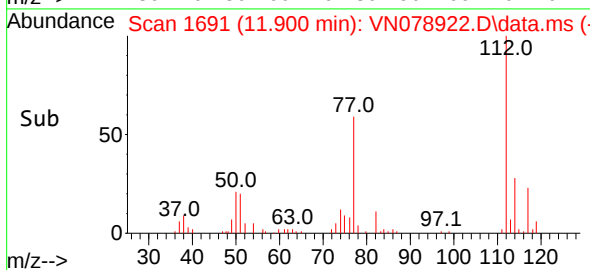
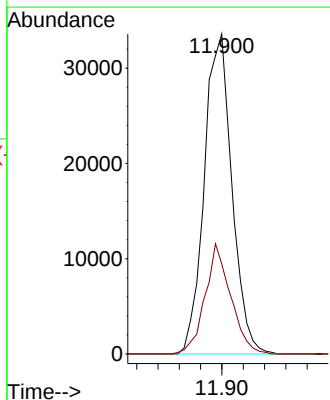
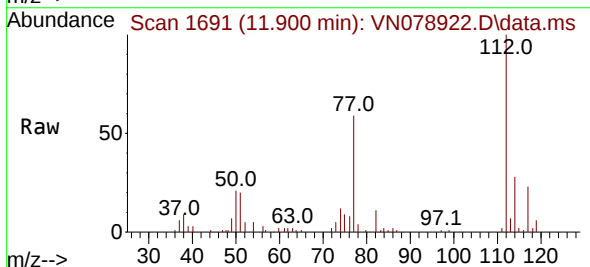
Manual Integrations
APPROVED

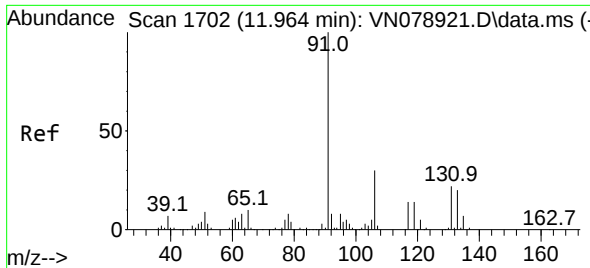
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#64
Chlorobenzene
Concen: 9.297 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

Tgt Ion:112 Resp: 60550
Ion Ratio Lower Upper
112 100
114 28.1 22.4 33.6





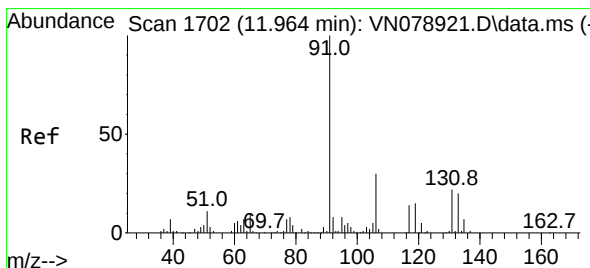
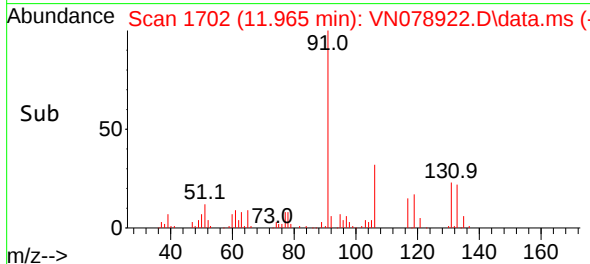
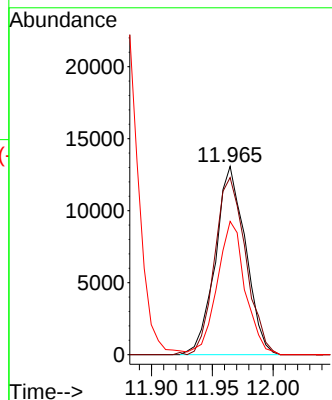
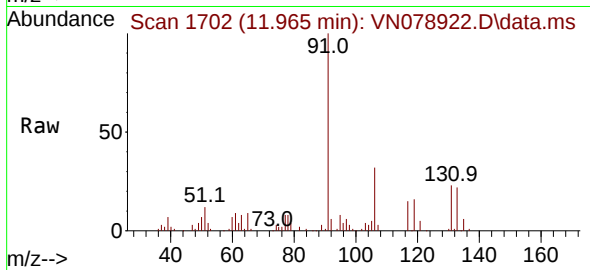
#65
1,1,1,2-Tetrachloroethane
Concen: 9.080 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:131 Resp: 2261
Ion Ratio Lower Upper
131 100
133 96.3 0.0 184.8
119 65.7 0.0 133.4

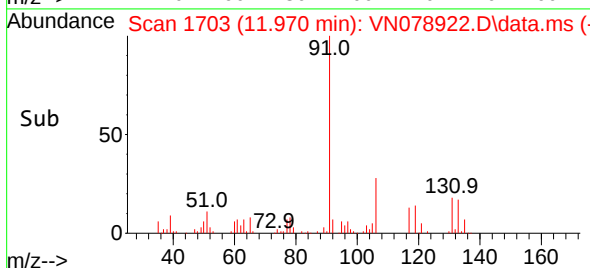
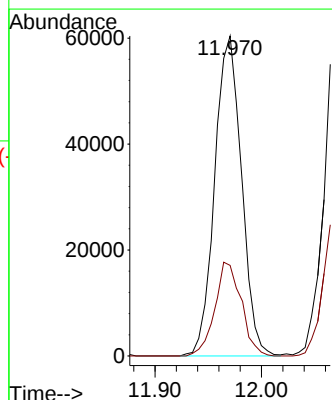
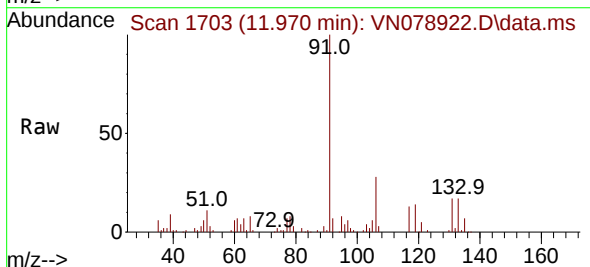
Manual Integrations
APPROVED

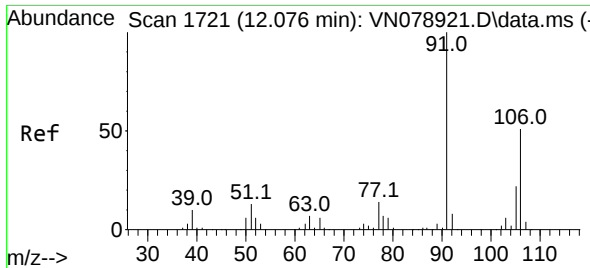
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#66
Ethyl Benzene
Concen: 9.316 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

Tgt Ion: 91 Resp: 105560
Ion Ratio Lower Upper
91 100
106 28.3 24.1 36.1





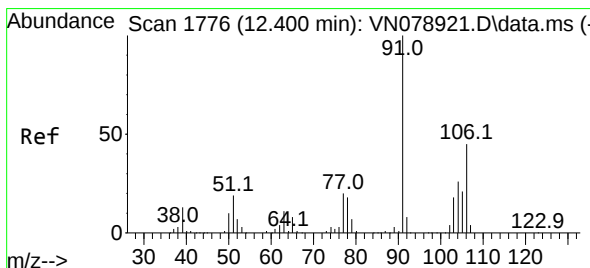
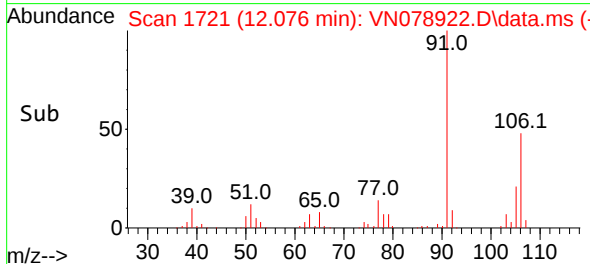
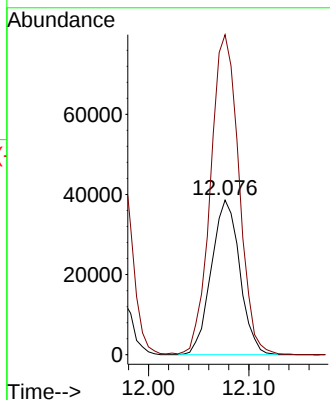
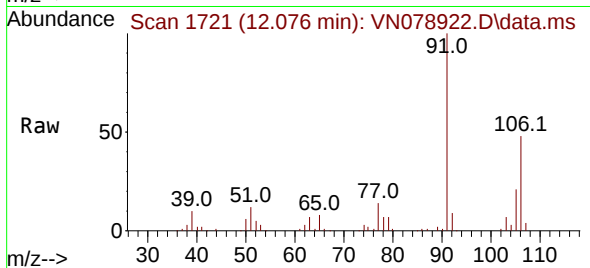
#67
m/p-Xylenes
Concen: 17.961 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 7588
Ion Ratio Lower Upper
106 100
91 206.8 161.2 241.8

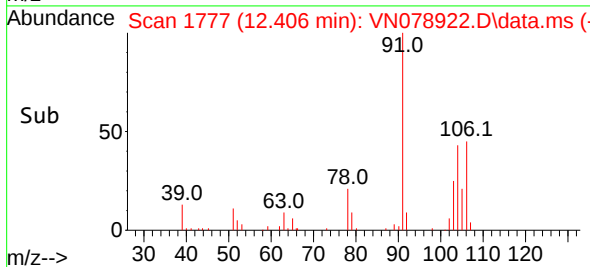
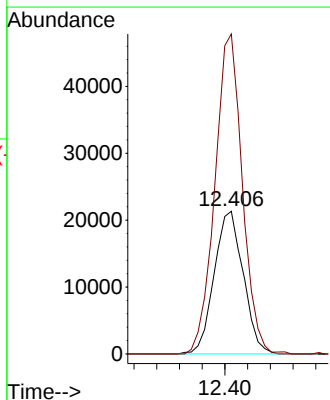
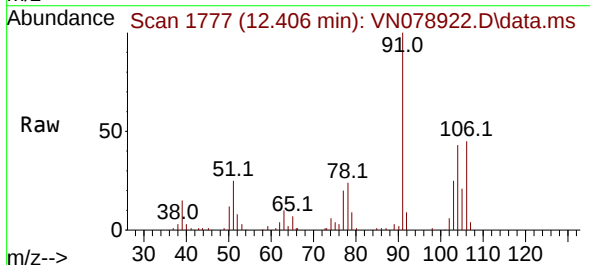
Manual Integrations
APPROVED

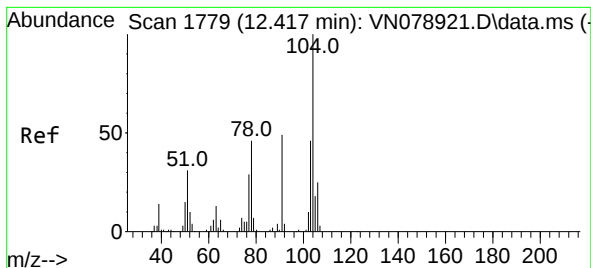
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#68
o-Xylene
Concen: 9.085 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

Tgt Ion:106 Resp: 37844
Ion Ratio Lower Upper
106 100
91 211.4 109.0 327.0





#69

Styrene

Concen: 8.716 ug/l

RT: 12.412 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VN078922.D

Acq: 17 Aug 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

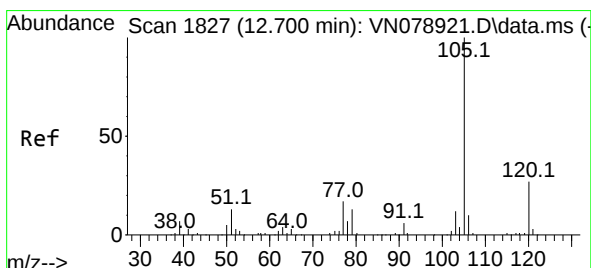
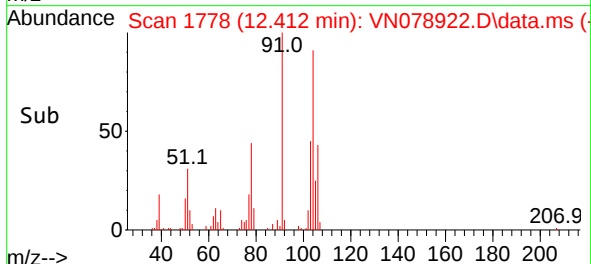
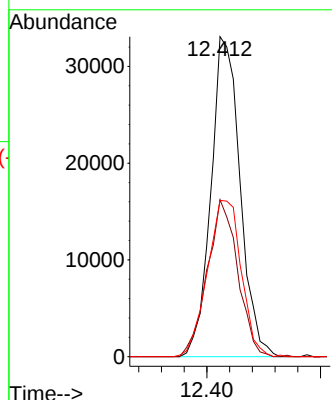
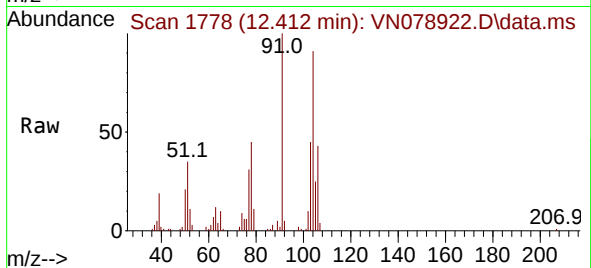
Tgt Ion:104	Resp:	58998
Ion Ratio	Lower	Upper
104	100	
78	50.9	40.2 60.4
103	56.4	43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#70

Isopropylbenzene

Concen: 9.084 ug/l

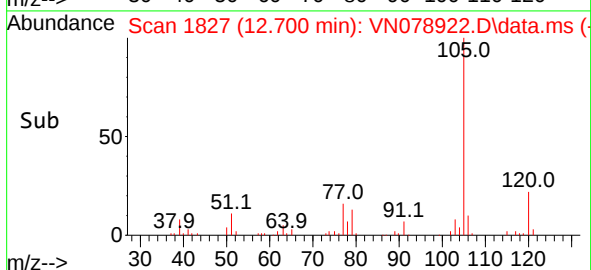
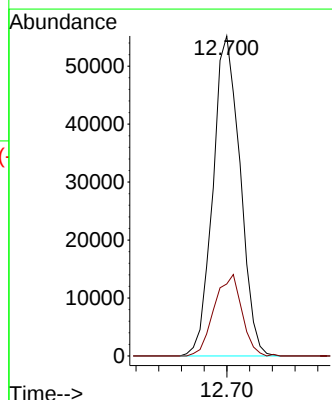
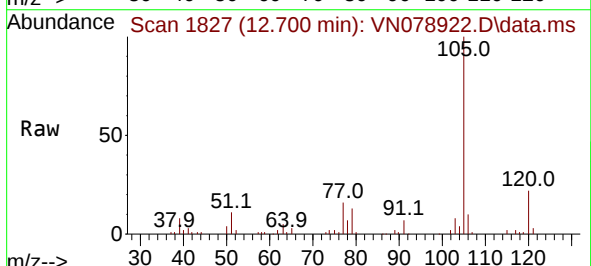
RT: 12.700 min Scan# 1827

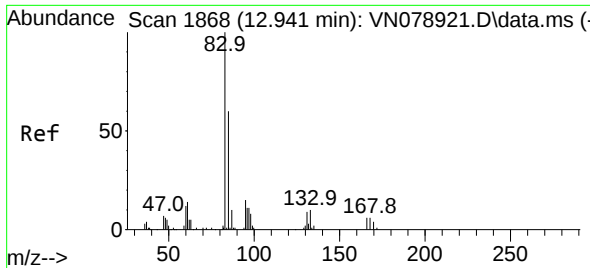
Delta R.T. 0.000 min

Lab File: VN078922.D

Acq: 17 Aug 2023 13:27

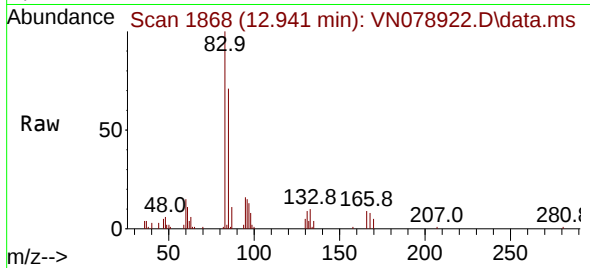
Tgt Ion:105	Resp:	91690
Ion Ratio	Lower	Upper
105	100	
120	25.7	19.1 35.5





#71
1,1,2,2-Tetrachloroethane
Concen: 9.687 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

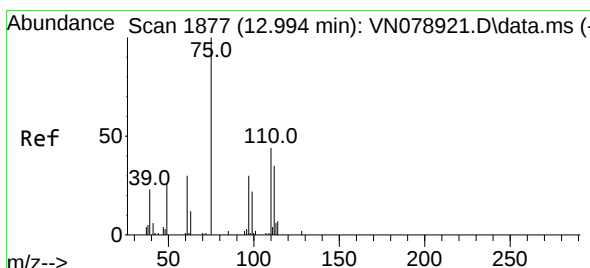
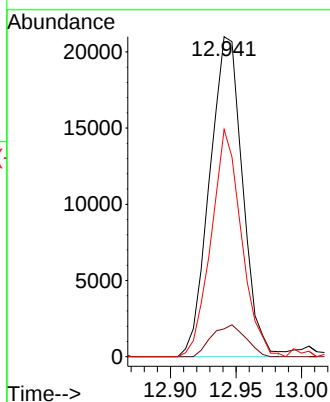
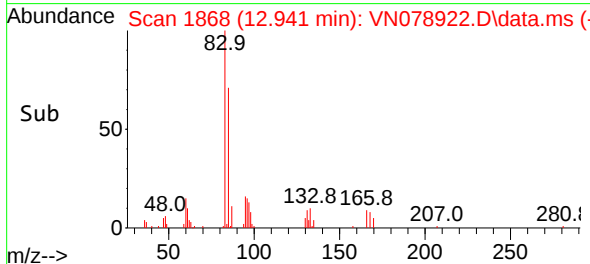
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 36650
Ion Ratio Lower Upper
83 100
131 10.3 4.7 14.0
85 65.4 31.9 95.7

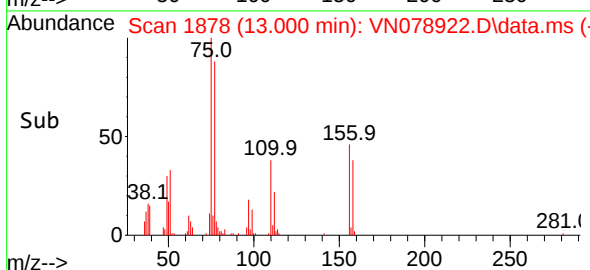
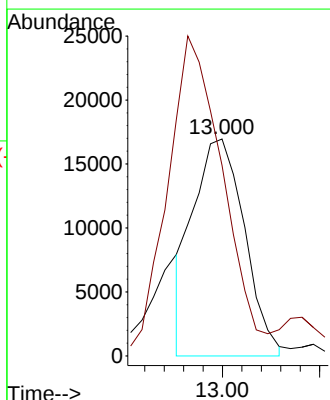
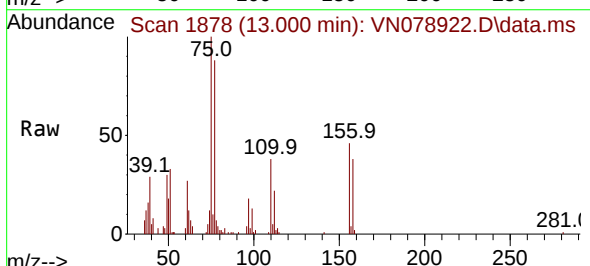
Manual Integrations
APPROVED

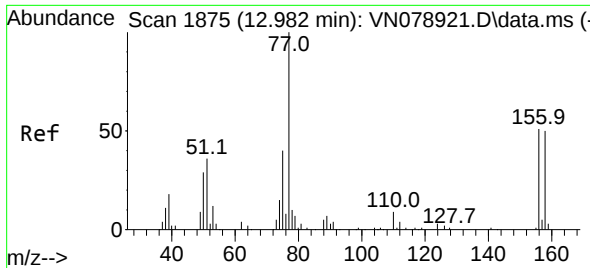
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#72
1,2,3-Trichloropropane
Concen: 9.381 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

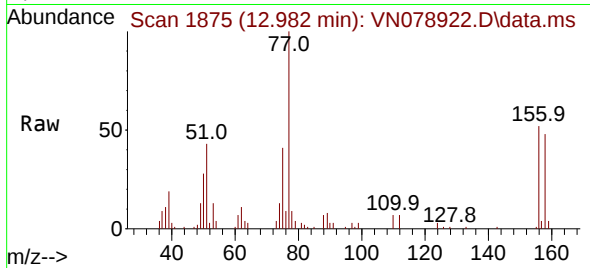
Tgt Ion: 75 Resp: 31103
Ion Ratio Lower Upper
75 100
77 159.8 0.0 367.4





#73
Bromobenzene
Concen: 9.343 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

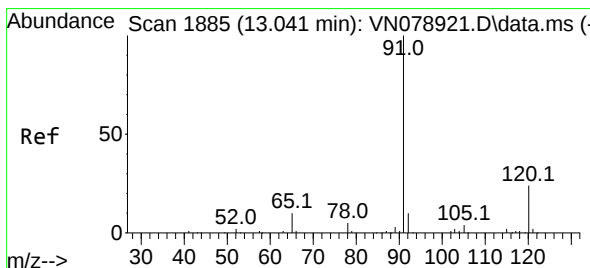
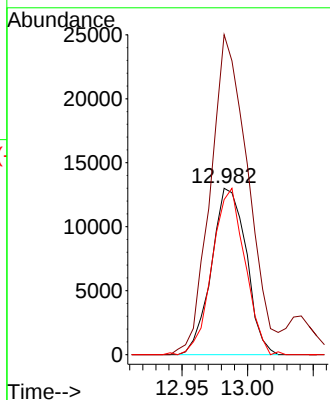
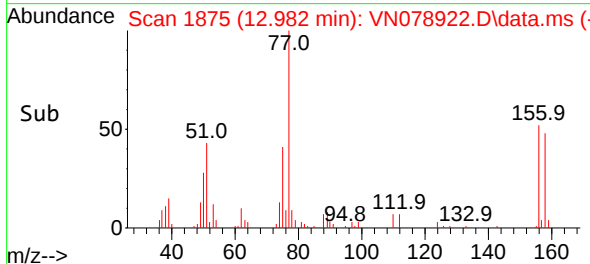
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



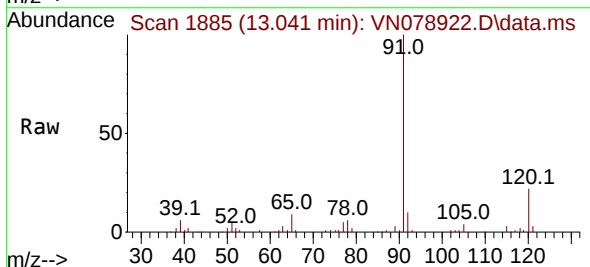
Tgt Ion:156 Resp: 24008
Ion Ratio Lower Upper
156 100
77 207.0 0.0 431.0
158 93.5 0.0 196.8

Manual Integrations
APPROVED

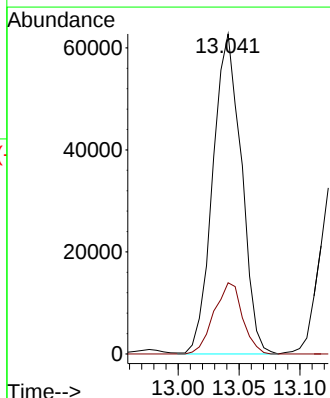
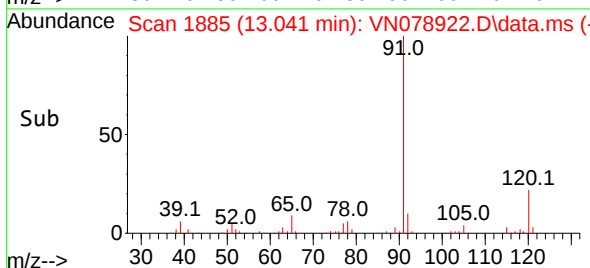
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

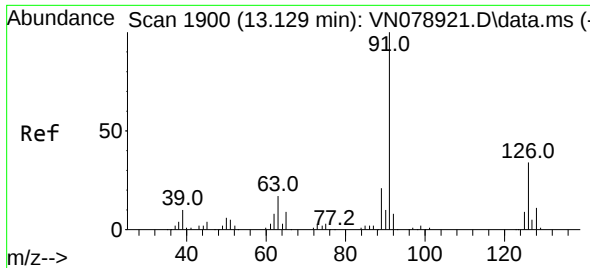


#74
n-propylbenzene
Concen: 8.967 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27



Tgt Ion: 91 Resp: 102570
Ion Ratio Lower Upper
91 100
120 22.1 0.0 44.4





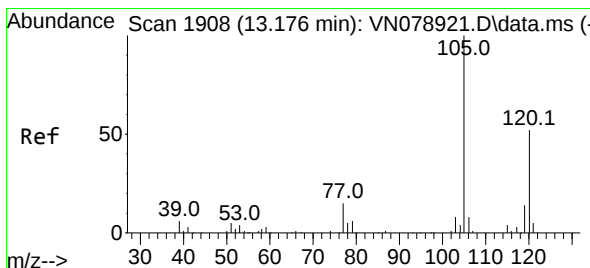
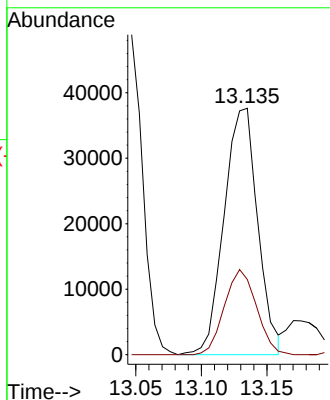
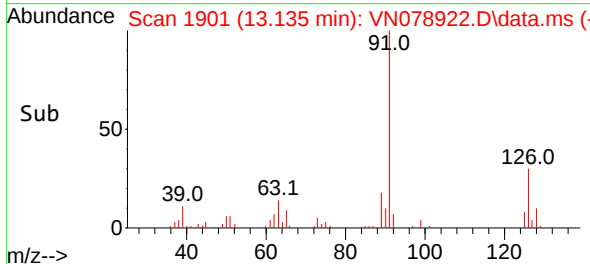
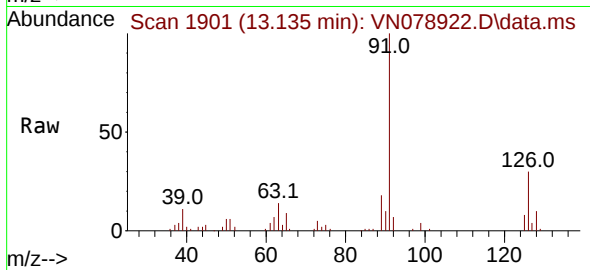
#75
2-Chlorotoluene
Concen: 9.267 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 67240
Ion Ratio Lower Upper
91 100
126 32.9 0.0 67.2

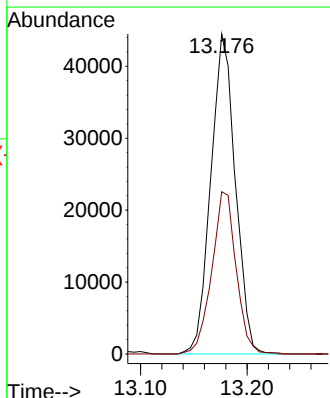
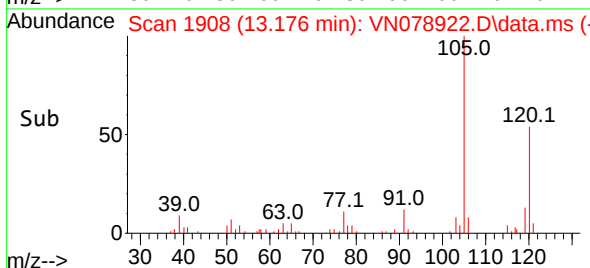
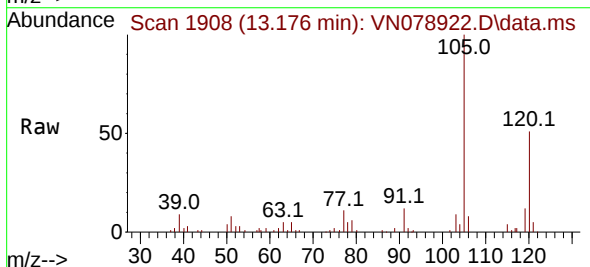
Manual Integrations
APPROVED

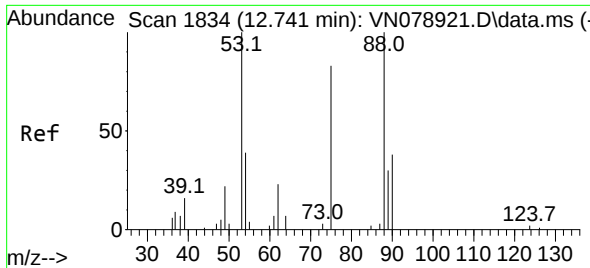
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#76
1,3,5-Trimethylbenzene
Concen: 8.902 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

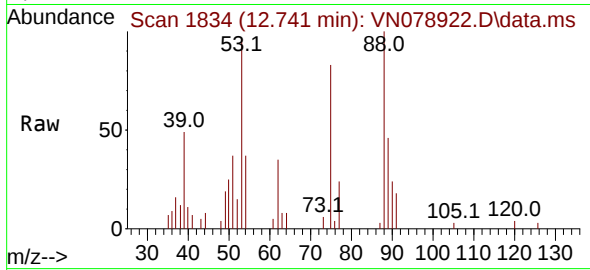
Tgt Ion:105 Resp: 71223
Ion Ratio Lower Upper
105 100
120 50.3 0.0 98.8





#77
t-1,4-Dichloro-2-butene
Concen: 8.907 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

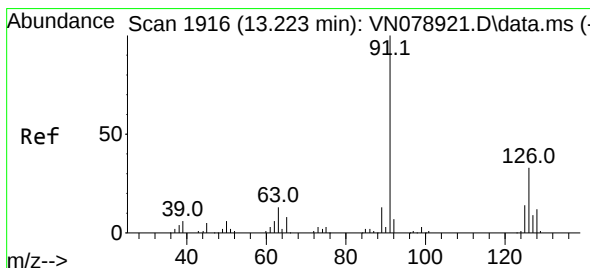
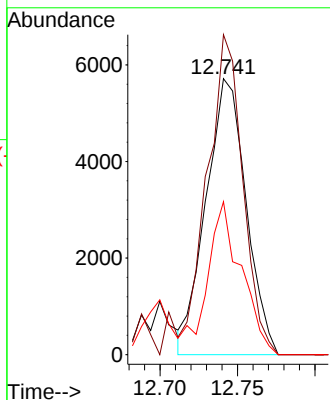
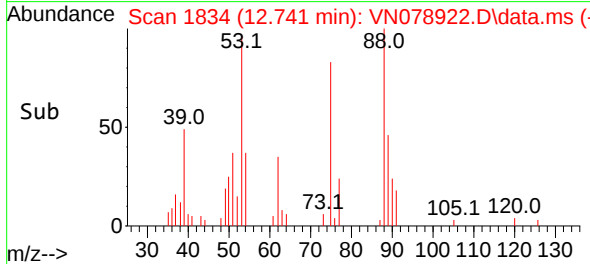
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



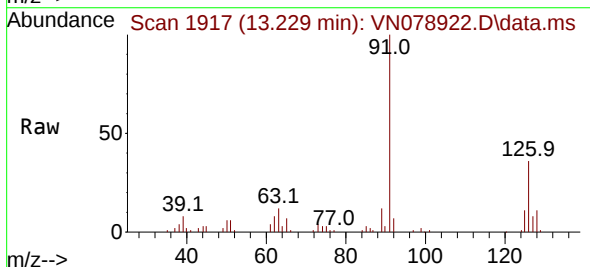
Tgt Ion: 75 Resp: 10274
Ion Ratio Lower Upper
75 100
53 115.9 60.1 180.3
89 55.4 22.9 68.8

Manual Integrations
APPROVED

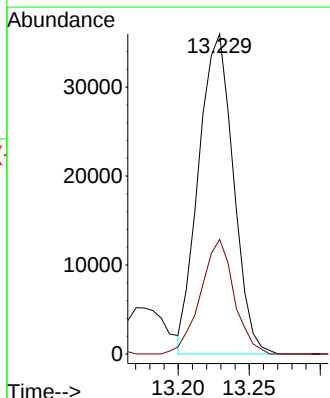
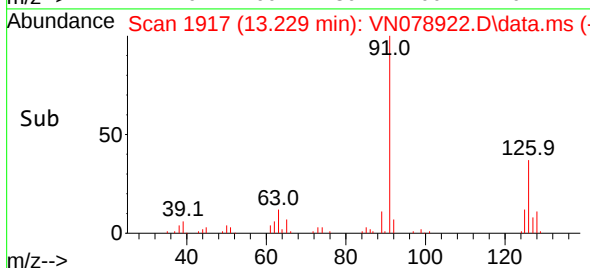
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

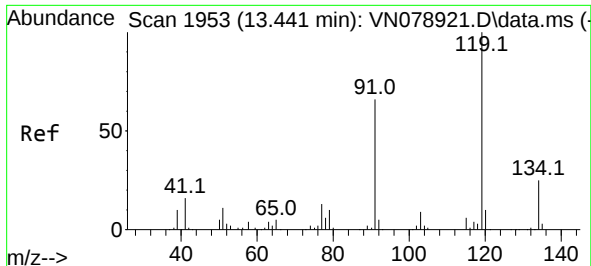


#78
4-Chlorotoluene
Concen: 8.807 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27



Tgt Ion: 91 Resp: 61230
Ion Ratio Lower Upper
91 100
126 34.5 0.0 67.4





#79

tert-butylbenzene

Concen: 8.957 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN078922.D

Acq: 17 Aug 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:119 Resp: 60558

Ion Ratio Lower Upper

119 100

91 67.5 0.0 135.6

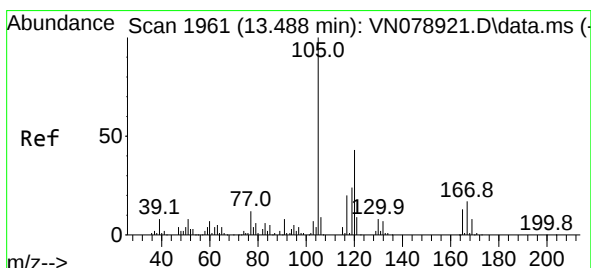
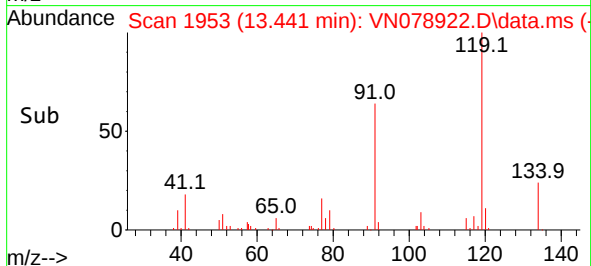
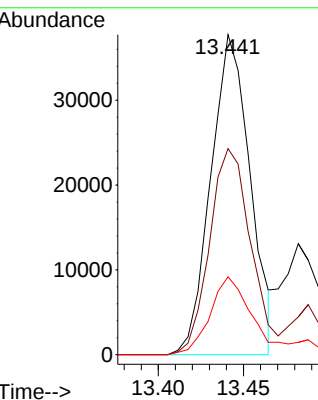
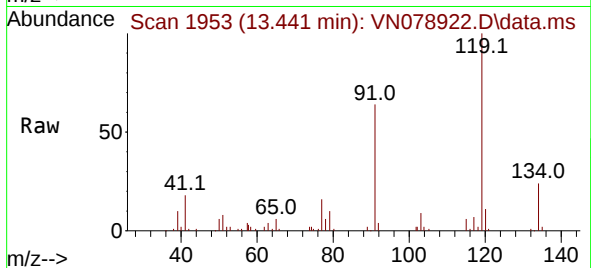
134 24.3 0.0 51.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#80

1,2,4-Trimethylbenzene

Concen: 8.846 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078922.D

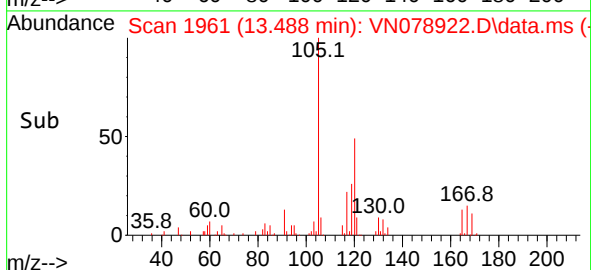
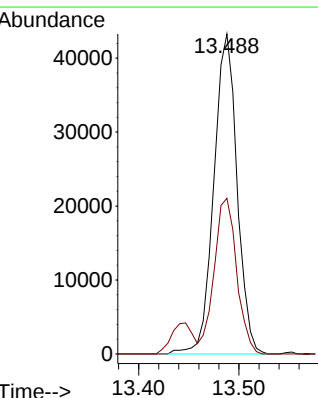
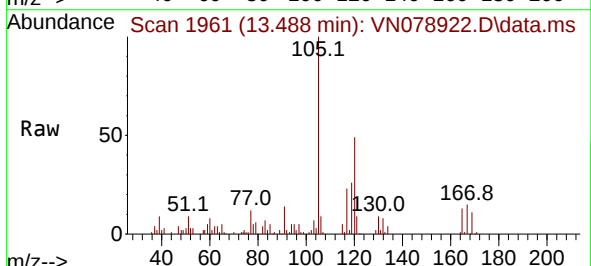
Acq: 17 Aug 2023 13:27

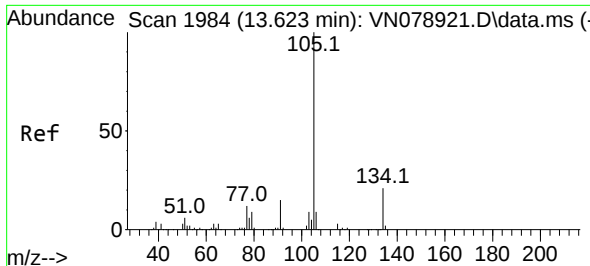
Tgt Ion:105 Resp: 69593

Ion Ratio Lower Upper

105 100

120 47.3 0.0 91.6





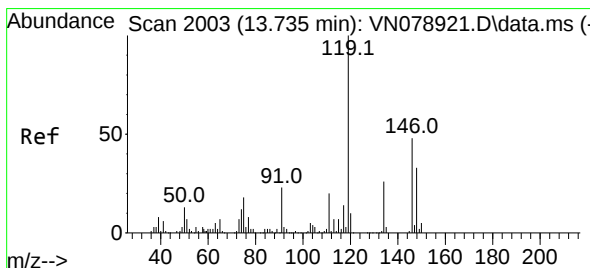
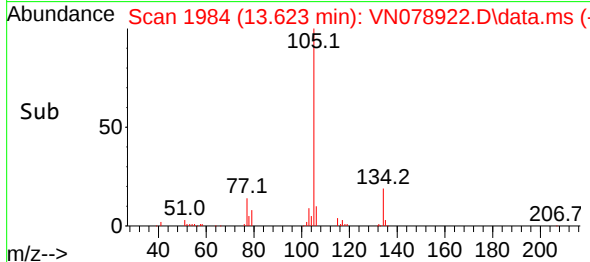
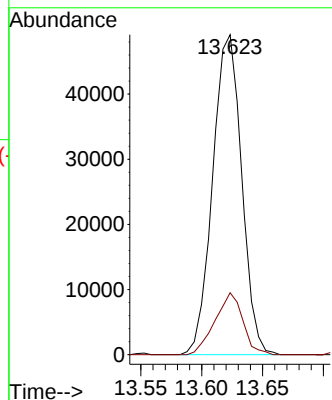
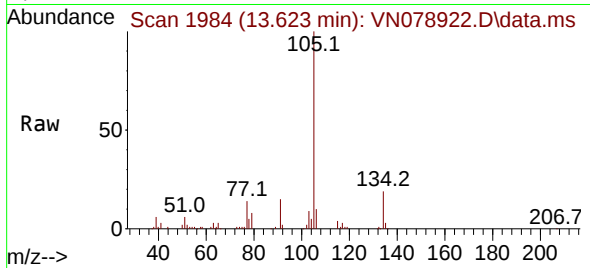
#81
 sec-Butylbenzene
 Concen: 9.124 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078922.D
 Acq: 17 Aug 2023 13:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 81408
 Ion Ratio Lower Upper
 105 100
 134 18.6 0.0 41.6

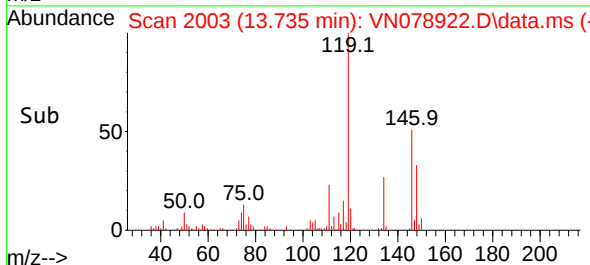
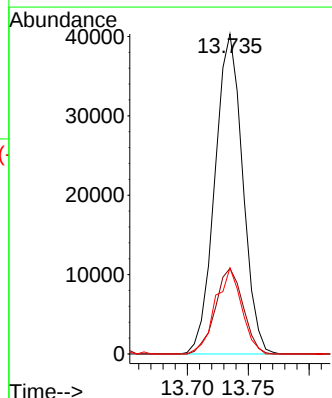
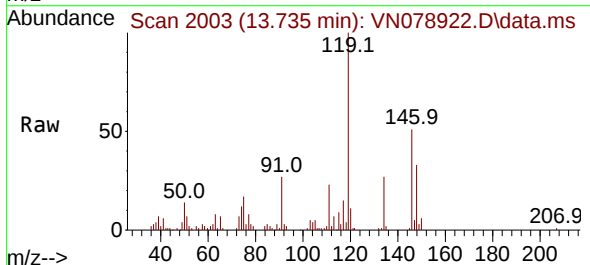
Manual Integrations
 APPROVED

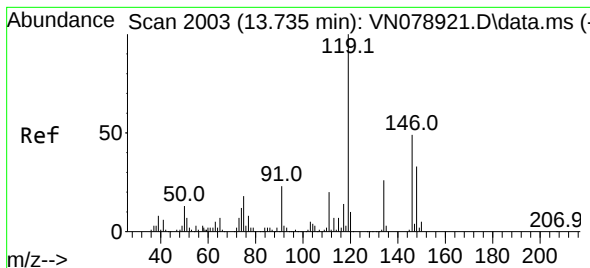
Reviewed By :John Carlone 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023



#82
 p-Isopropyltoluene
 Concen: 8.780 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078922.D
 Acq: 17 Aug 2023 13:27

Tgt Ion:119 Resp: 63966
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 52.4
 91 25.3 0.0 47.4





#83

1,3-Dichlorobenzene

Concen: 8.697 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078922.D

Acq: 17 Aug 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

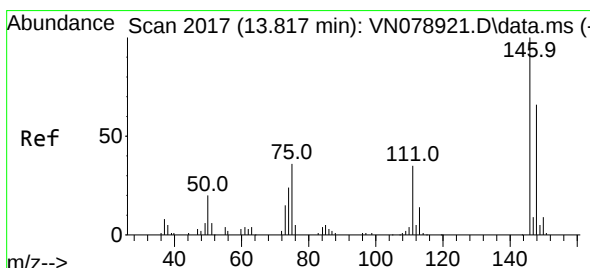
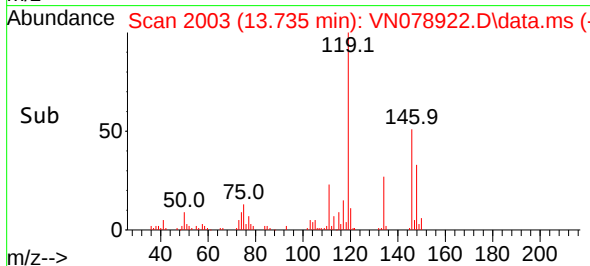
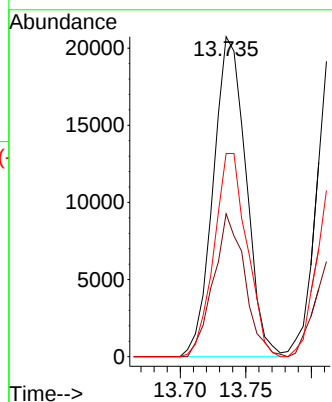
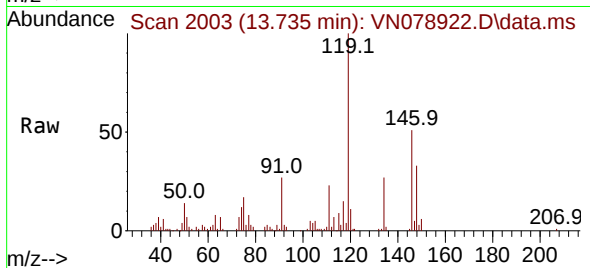
Tgt Ion:146	Resp:	3606
Ion Ratio	Lower	Upper
146	100	
111	42.7	21.2 63.6
148	63.8	33.1 99.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#84

1,4-Dichlorobenzene

Concen: 8.657 ug/l

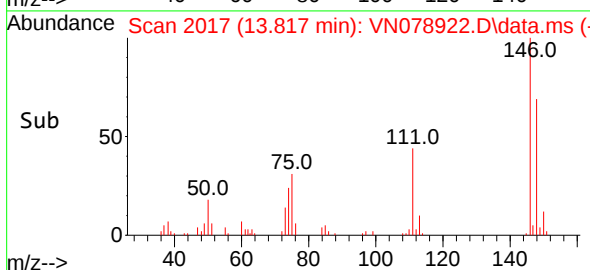
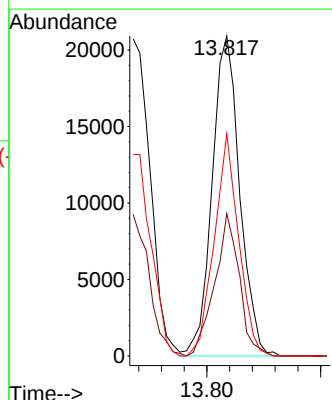
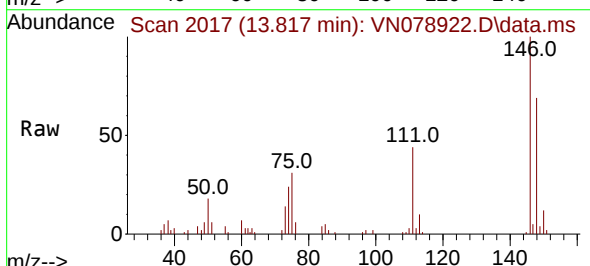
RT: 13.817 min Scan# 2017

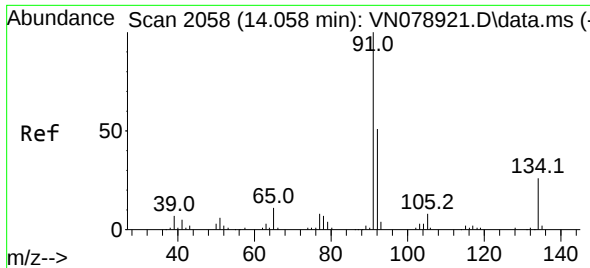
Delta R.T. 0.000 min

Lab File: VN078922.D

Acq: 17 Aug 2023 13:27

Tgt Ion:146	Resp:	35245
Ion Ratio	Lower	Upper
146	100	
111	39.7	18.6 56.0
148	61.5	32.0 96.2





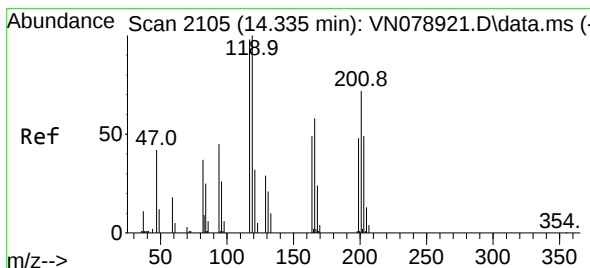
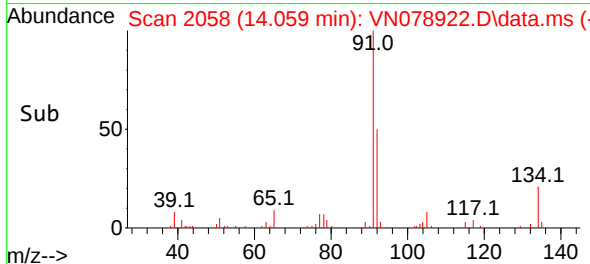
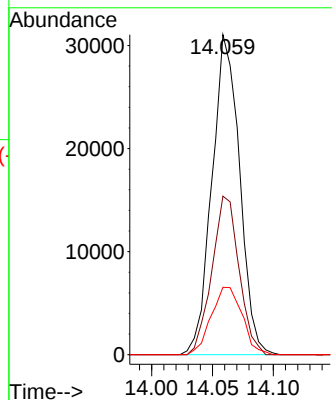
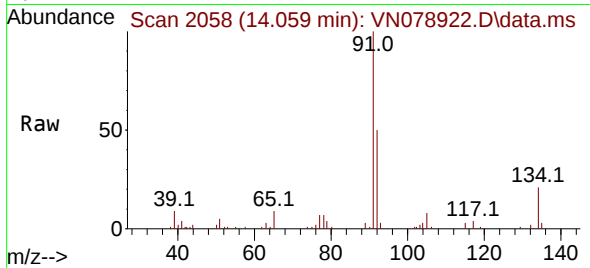
#85
n-Butylbenzene
Concen: 8.544 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 48950
Ion Ratio Lower Upper
91 100
92 48.8 0.0 102.8
134 23.6 0.0 48.6

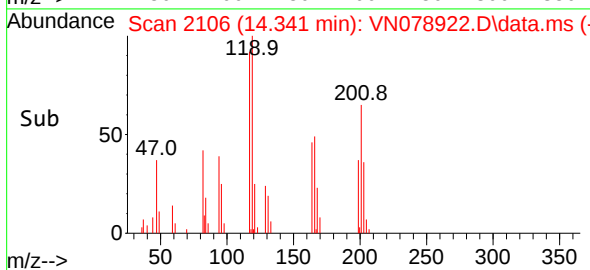
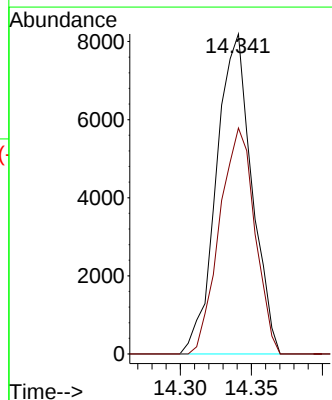
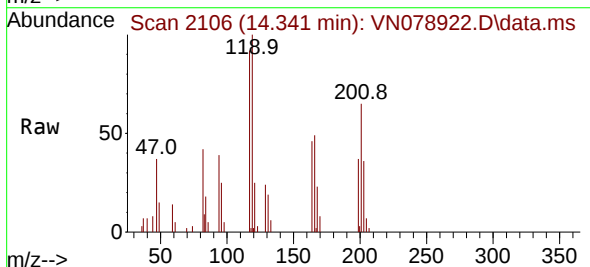
Manual Integrations
APPROVED

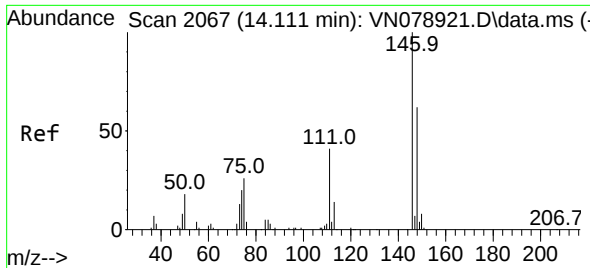
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#86
Hexachloroethane
Concen: 9.542 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

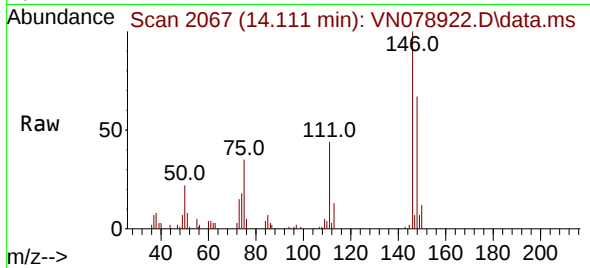
Tgt Ion:117 Resp: 14223
Ion Ratio Lower Upper
117 100
201 70.4 36.6 109.8





#87
1,2-Dichlorobenzene
Concen: 8.812 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

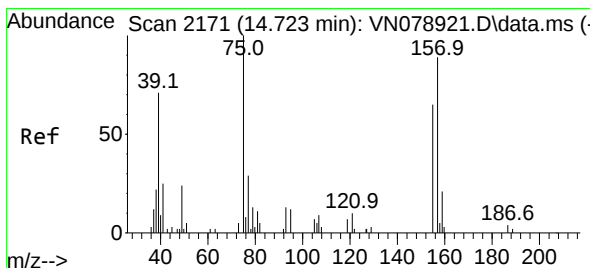
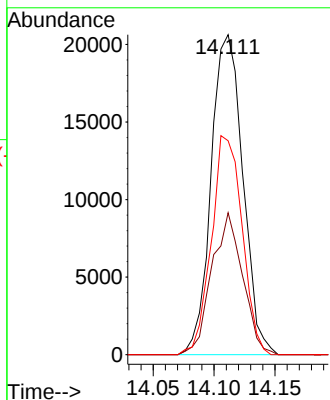
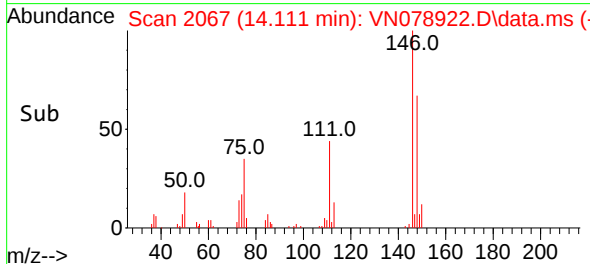
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



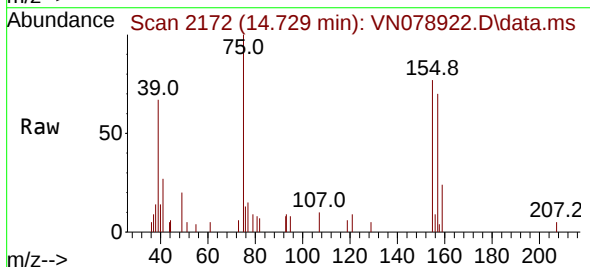
Tgt Ion:146 Resp: 37428
Ion Ratio Lower Upper
146 100
111 43.2 20.3 60.8
148 66.3 32.0 96.2

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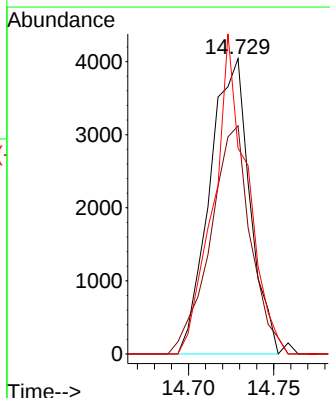
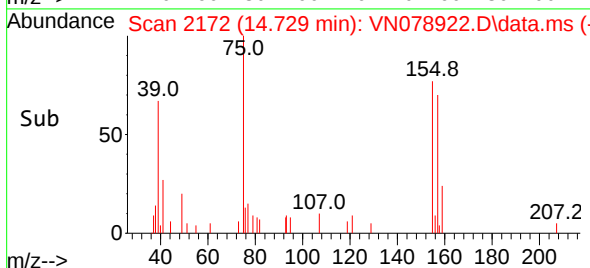
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

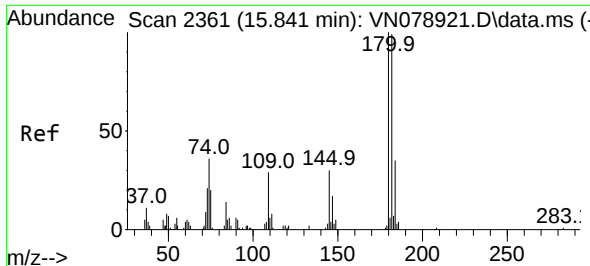


#88
1,2-Dibromo-3-Chloropropane
Concen: 9.719 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27



Tgt Ion: 75 Resp: 6600
Ion Ratio Lower Upper
75 100
155 77.9 61.1 91.7
157 91.2 79.8 119.6





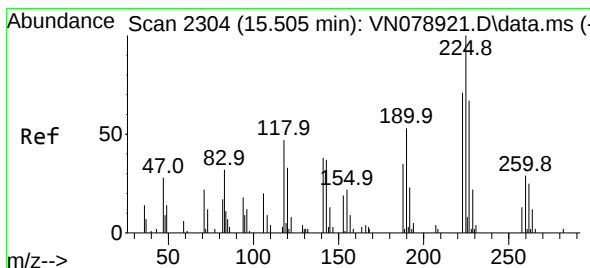
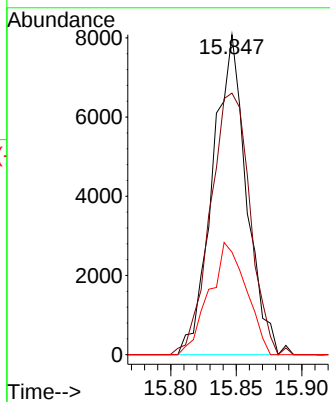
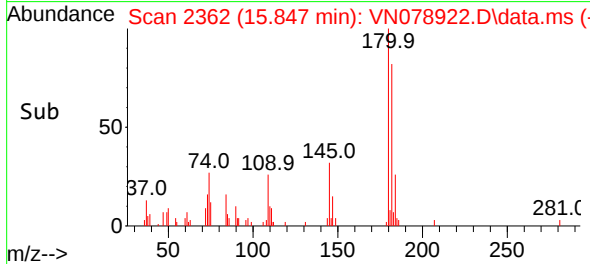
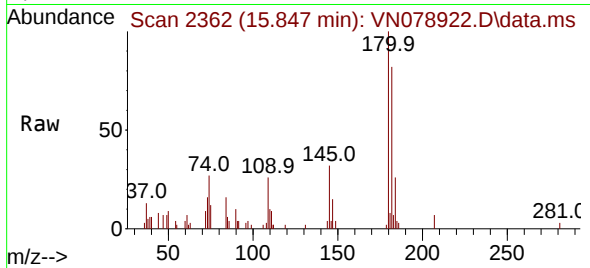
#89
1,2,4-Trichlorobenzene
Concen: 8.630 ug/l
RT: 15.847 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:180 Resp: 14480
Ion Ratio Lower Upper
180 100
182 95.3 76.1 114.1
145 38.2 26.5 39.7

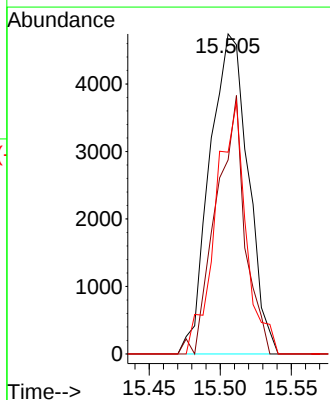
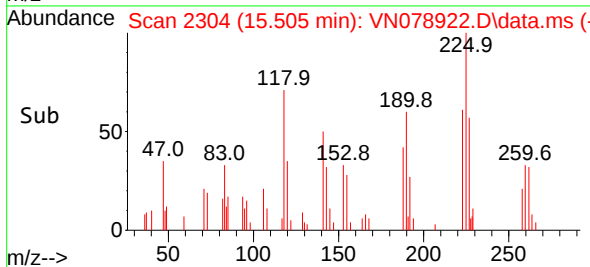
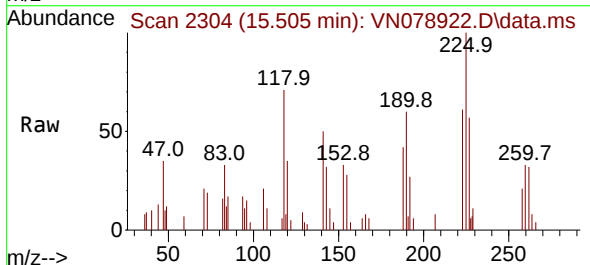
Manual Integrations
APPROVED

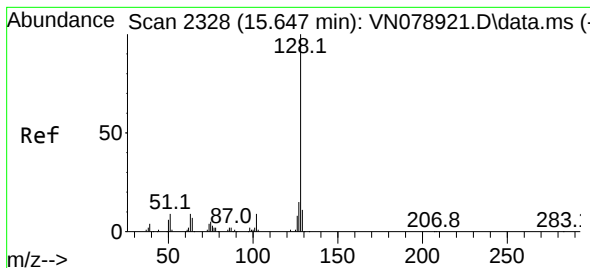
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#90
Hexachlorobutadiene
Concen: 10.216 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

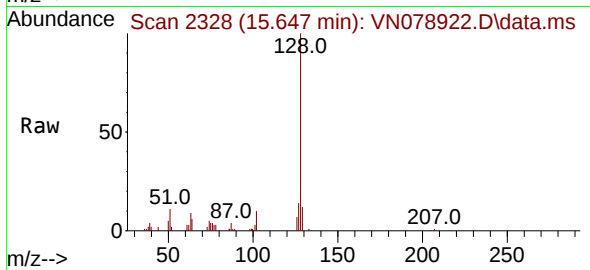
Tgt Ion:225 Resp: 8922
Ion Ratio Lower Upper
225 100
223 59.8 0.0 124.0
227 62.8 0.0 117.4





#91
Naphthalene
Concen: 7.863 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27

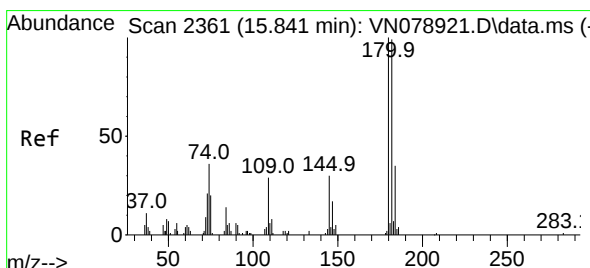
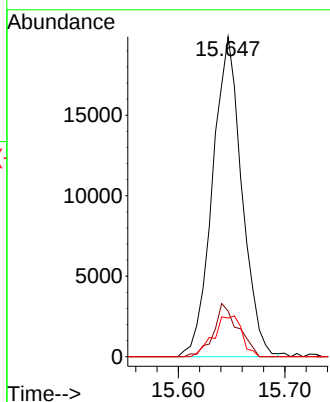
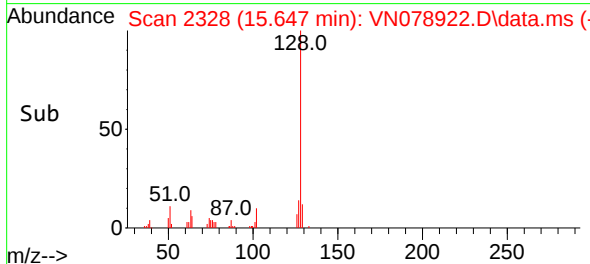
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



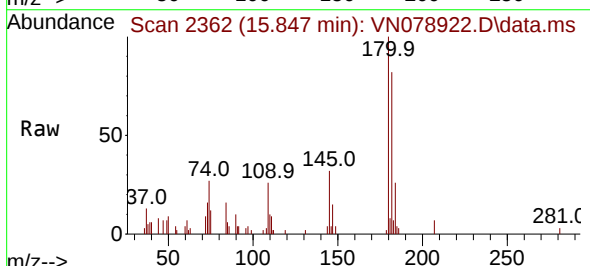
Tgt Ion:128 Resp: 3804
Ion Ratio Lower Upper
128 100
127 13.9 11.1 16.7
129 12.3 8.6 13.0

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 8.633 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN078922.D
Acq: 17 Aug 2023 13:27



Tgt Ion:180 Resp: 14480
Ion Ratio Lower Upper
180 100
182 95.3 0.0 190.2
145 38.2 0.0 66.2

