

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
 Data File : VN078807.D
 Acq On : 08 Aug 2023 19:04
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Aug 09 04:41:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 09 04:37:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.824	128	33389	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	178270	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	152121	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	79114	30.850	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.833%			
60) 4-Bromofluorobenzene	12.853	95	56436	24.485	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 81.633%			
63) Toluene-d8	10.571	98	226259	29.708	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.033%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	17996	8.106	ug/l	94
3) Chloromethane	2.371	50	25170	9.499	ug/l	90
4) Vinyl Chloride	2.524	62	24845	7.331	ug/l	97
5) Bromomethane	2.971	94	17557	6.905	ug/l	94
6) Chloroethane	3.136	64	18214	8.039	ug/l #	86
7) Trichlorofluoromethane	3.506	101	31990	8.631	ug/l	100
8) Diethyl Ether	3.977	74	11375	9.237	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.377	101	17713	8.831	ug/l	60
10) 1,1-Dichloroethene	4.353	96	16717m	8.800	ug/l	
11) Methyl Iodide	4.600	142	21341	8.008	ug/l	99
12) Methyl Acetate	5.048	43	38384	11.537	ug/l #	87
13) Acrolein	4.195	56	21158m	61.063	ug/l	
14) Acrylonitrile	5.730	53	48086	50.548	ug/l #	56
15) Acetone	4.436	58	12163m	45.309	ug/l	
16) Carbon Disulfide	4.718	76	48031m	8.872	ug/l	
17) Allyl chloride	5.030	41	28271	10.617	ug/l	82
18) Methylene Chloride	5.289	84	21181	9.169	ug/l	91
19) trans-1,2-Dichloroethene	5.800	96	20076	9.109	ug/l	92
20) Diisopropyl ether	6.689	45	65225	10.569	ug/l #	91
21) 1,1-Dichloroethane	6.583	63	37182	9.391	ug/l	95
22) cis-1,2-Dichloroethene	7.494	96	20587	9.252	ug/l #	22
23) tert-Butyl Alcohol	5.542	59	17930	47.683	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	53769	8.402	ug/l #	89
25) Chloroform	7.977	83	37736	9.155	ug/l	95
26) Cyclohexane	8.265	56	26912	9.290	ug/l #	95
29) 1,1-Dichloropropene	8.377	75	25397	9.315	ug/l	88
30) 2-Butanone	7.494	43	66412	59.099	ug/l #	89
31) 2,2-Dichloropropane	7.494	77	26586	8.737	ug/l #	66
32) 1,1,1-Trichloroethane	8.177	97	30490	9.100	ug/l	95
33) Carbon Tetrachloride	8.365	117	25710	8.581	ug/l	96
34) Benzene	8.612	78	79467	9.746	ug/l #	86
35) Methacrylonitrile	7.789	41	15252	12.133	ug/l #	72
36) 1,2-Dichloroethane	8.683	62	27858	9.779	ug/l	98
37) Trichloroethene	9.359	130	19496	8.707	ug/l	96
38) Methylcyclohexane	9.606	83	23204	8.340	ug/l	91
39) 1,2-Dichloropropane	9.624	63	21582	9.773	ug/l #	76
40) Dibromomethane	9.712	93	14835	9.920	ug/l	94
41) Bromodichloromethane	9.894	83	28298	9.404	ug/l	86
42) Vinyl Acetate	6.618	43	195172	54.103	ug/l	95

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 ClientSampleId :
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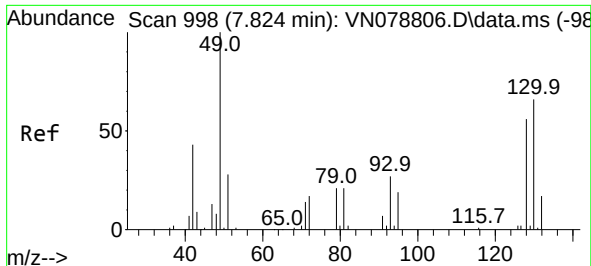
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Ethyl Acetate	7.565	43	27805	11.754	ug/l	#	84
44) Isopropyl Acetate	8.694	43	45235	11.138	ug/l		91
45) 1,4-Dioxane	9.700	88	6073	167.620	ug/l	#	59
46) Methyl methacrylate	9.688	41	21437	11.551	ug/l		88
47) n-amyl Acetate	12.500	43	29787	9.527	ug/l		93
48) t-1,3-Dichloropropene	10.841	75	26806	8.512	ug/l		96
49) cis-1,3-Dichloropropene	10.312	75	31101	9.108	ug/l	#	87
50) 1,1,2-Trichloroethane	11.018	97	19110	9.187	ug/l		91
51) Ethyl methacrylate	10.882	69	24378	8.515	ug/l		78
52) 1,3-Dichloropropane	11.165	76	32171	8.506	ug/l		94
53) Dibromochloromethane	11.359	129	19443	8.426	ug/l		98
54) 1,2-Dibromoethane	11.476	107	18484	8.911	ug/l		97
55) 2-Chloroethyl vinyl ether	10.165	63	50774	54.017	ug/l		97
56) Bromoform	12.582	173	11723	7.644	ug/l		95
58) 4-Methyl-2-Pentanone	10.453	43	136793	55.433	ug/l	#	90
59) 2-Hexanone	11.200	43	90050	49.369	ug/l		91
61) Tetrachloroethene	11.112	164	16970	8.537	ug/l	#	80
62) Toluene	10.635	91	82407	8.857	ug/l		95
64) Chlorobenzene	11.894	112	48821	9.035	ug/l		96
65) 1,1,1,2-Tetrachloroethane	11.965	131	19269	9.107	ug/l		94
66) Ethyl Benzene	11.965	91	79966	8.479	ug/l		93
67) m/p-Xylenes	12.076	106	60724	17.045	ug/l		94
68) o-Xylene	12.406	106	29217	8.008	ug/l		100
69) Styrene	12.418	104	43071	7.380	ug/l		98
70) Isopropylbenzene	12.700	105	71154	7.930	ug/l		98
71) 1,1,2,2-Tetrachloroethane	12.941	83	25232	8.549	ug/l		95
72) 1,2,3-Trichloropropane	13.000	75	20160m	8.390	ug/l		
73) Bromobenzene	12.982	156	16340	7.478	ug/l		94
74) n-propylbenzene	13.041	91	77343	7.709	ug/l		99
75) 2-Chlorotoluene	13.129	91	48321	7.007	ug/l		100
76) 1,3,5-Trimethylbenzene	13.176	105	55895	6.970	ug/l		99
77) t-1,4-Dichloro-2-butene	12.741	75	5904	6.883	ug/l		73
78) 4-Chlorotoluene	13.223	91	44192	6.723	ug/l		97
79) tert-butylbenzene	13.441	119	46131	6.713	ug/l		88
80) 1,2,4-Trimethylbenzene	13.488	105	52603	6.913	ug/l		98
81) sec-Butylbenzene	13.618	105	60726	6.829	ug/l		99
82) p-Isopropyltoluene	13.735	119	47809	6.667	ug/l		98
83) 1,3-Dichlorobenzene	13.741	146	24405	6.336	ug/l		96
84) 1,4-Dichlorobenzene	13.823	146	22575	6.247	ug/l		99
85) n-Butylbenzene	14.059	91	32215	6.451	ug/l		98
86) Hexachloroethane	14.335	117	10117	7.623	ug/l		96
87) 1,2-Dichlorobenzene	14.112	146	25016	6.894	ug/l		96
88) 1,2-Dibromo-3-Chloropr...	14.723	75	3441	7.031	ug/l		95
89) 1,2,4-Trichlorobenzene	15.400	180	5551	5.409	ug/l	#	93
90) Hexachlorobutadiene	15.506	225	5624	7.286	ug/l		89
91) Naphthalene	15.647	128	17286	5.562	ug/l	#	93
92) 1,2,3-Trichlorobenzene	15.847	180	7523	6.429	ug/l		71

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

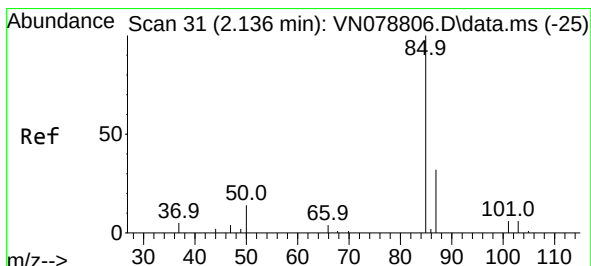
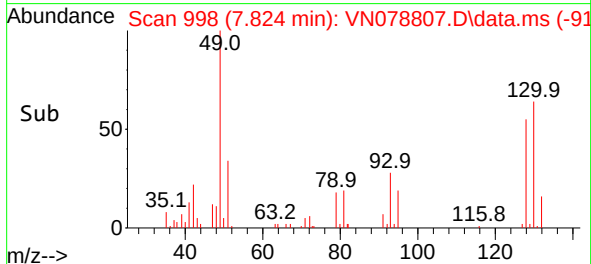
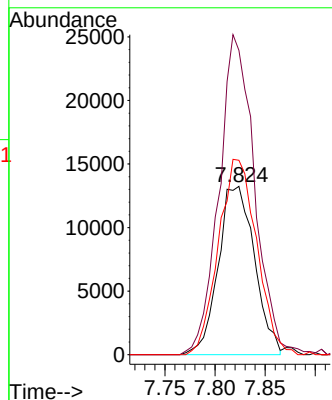
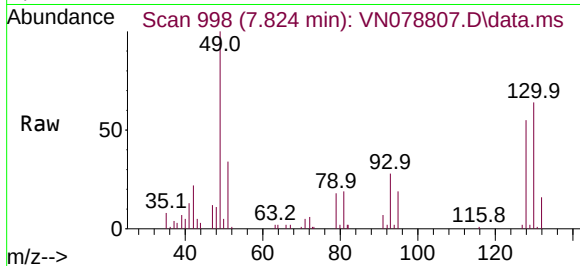
VSTDICC010

Tgt Ion:128 Resp: 33389
Ion Ratio Lower Upper
128 100
49 185.8 0.0 370.8
130 122.1 0.0 307.0

Manual Integrations

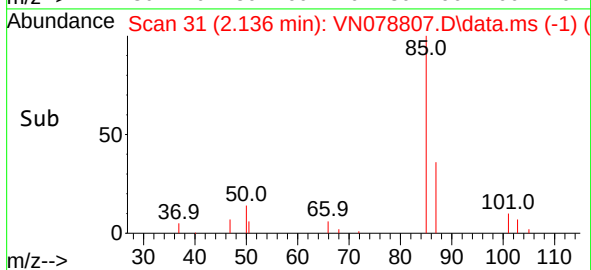
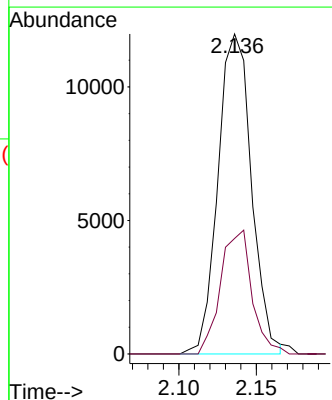
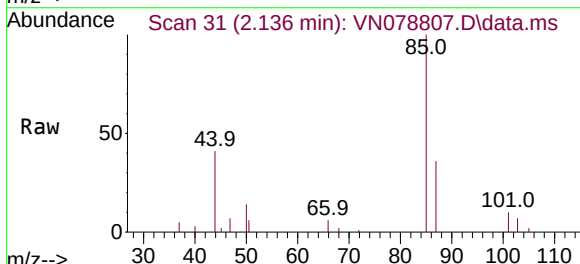
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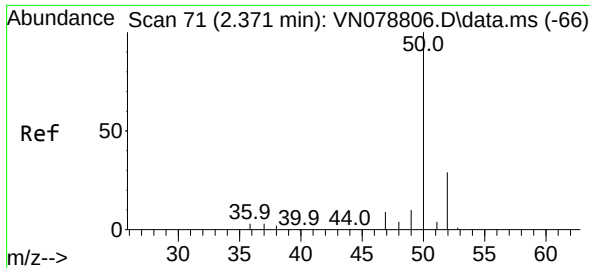
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#2
Dichlorodifluoromethane
Concen: 8.106 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

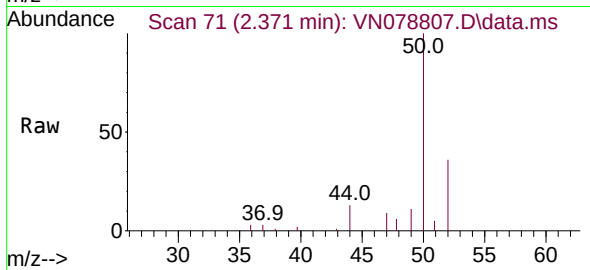
Tgt Ion: 85 Resp: 17996
Ion Ratio Lower Upper
85 100
87 36.1 16.4 49.4





#3
Chloromethane
Concen: 9.499 ug/l
RT: 2.371 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

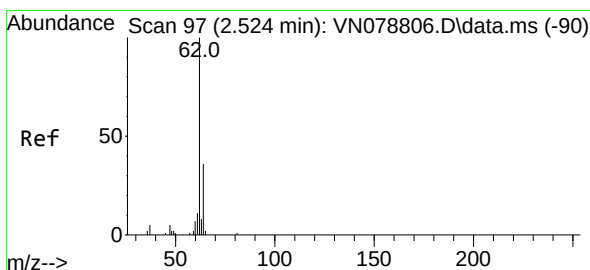
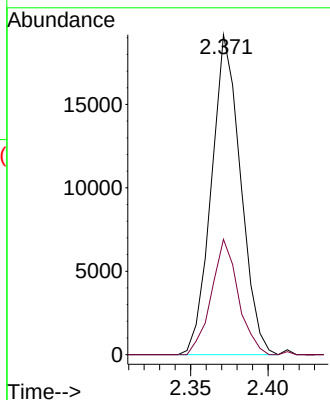
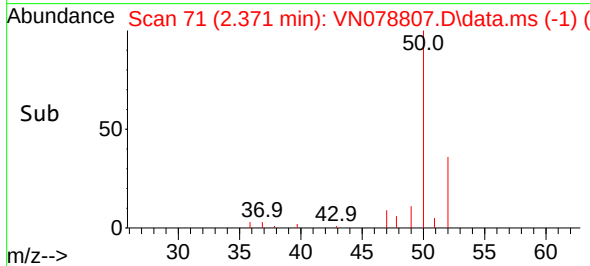
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 50 Resp: 25170
Ion Ratio Lower Upper
50 100
52 36.1 24.6 36.8

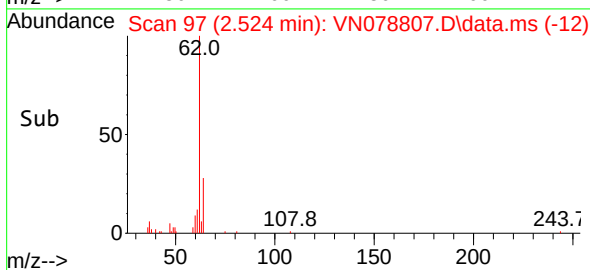
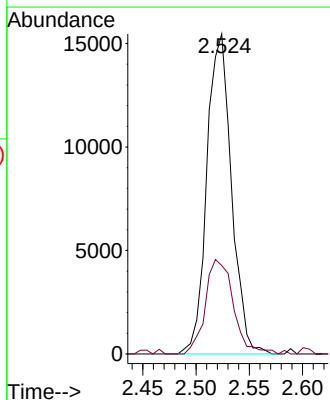
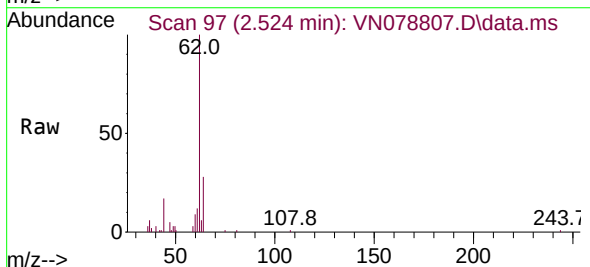
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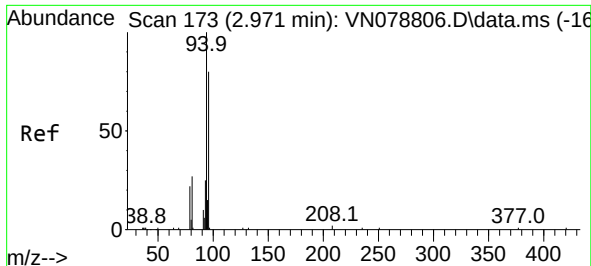
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#4
Vinyl Chloride
Concen: 7.331 ug/l
RT: 2.524 min Scan# 97
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

Tgt Ion: 62 Resp: 24845
Ion Ratio Lower Upper
62 100
64 27.6 23.3 34.9





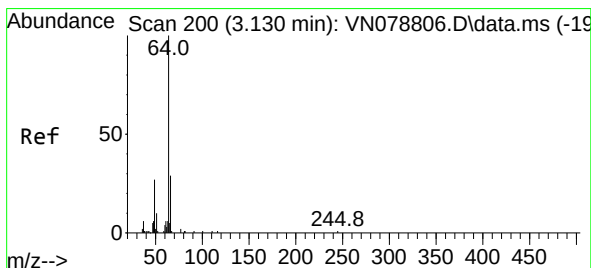
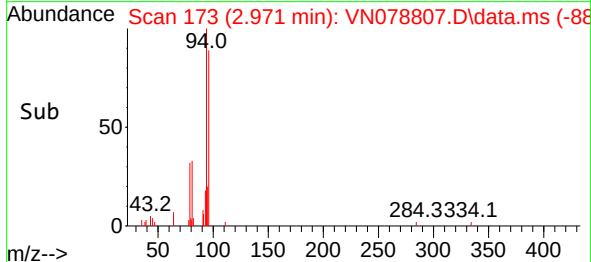
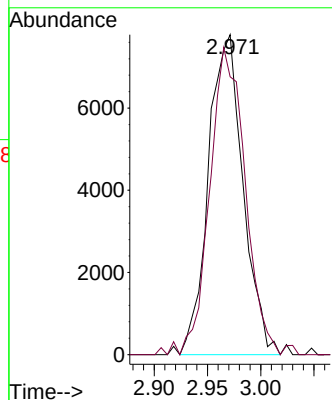
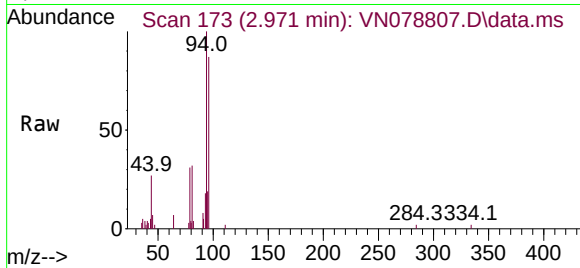
#5
Bromomethane
Concen: 6.905 ug/l
RT: 2.971 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 94 Resp: 1755
Ion Ratio Lower Upper
94 100
96 86.8 73.9 110.9

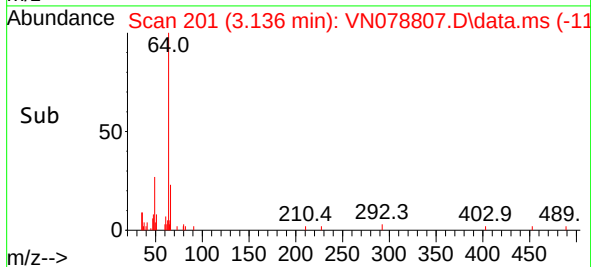
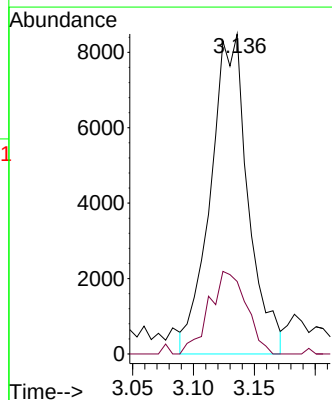
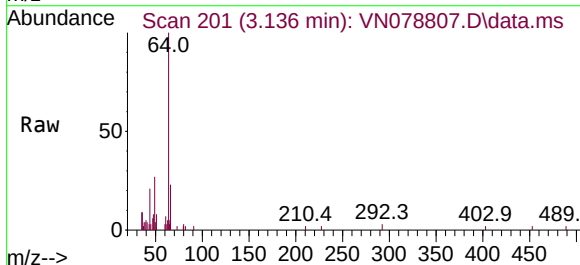
Manual Integrations
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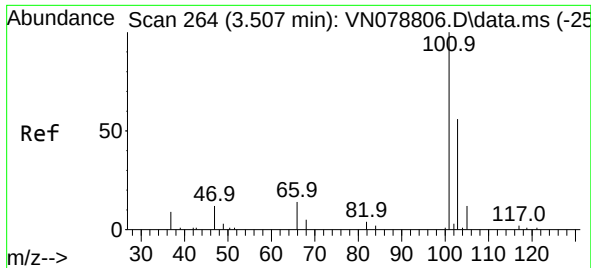
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#6
Chloroethane
Concen: 8.039 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

Tgt Ion: 64 Resp: 18214
Ion Ratio Lower Upper
64 100
66 24.3 25.7 38.5#





#7
 Trichlorofluoromethane
 Concen: 8.631 ug/l
 RT: 3.506 min Scan# 264
 Delta R.T. -0.000 min
 Lab File: VN078807.D
 Acq: 08 Aug 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

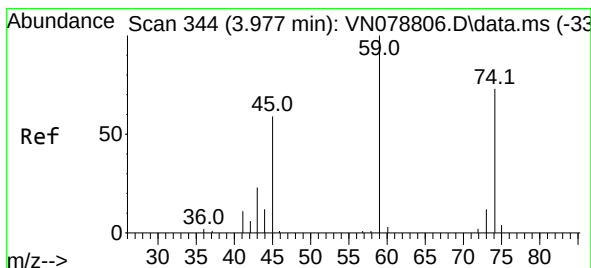
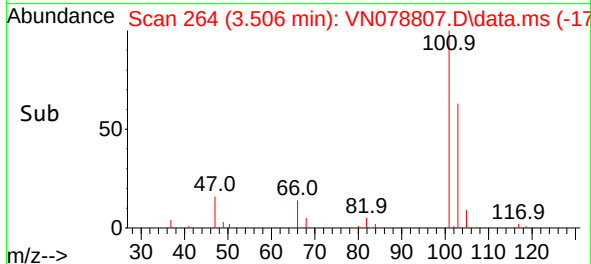
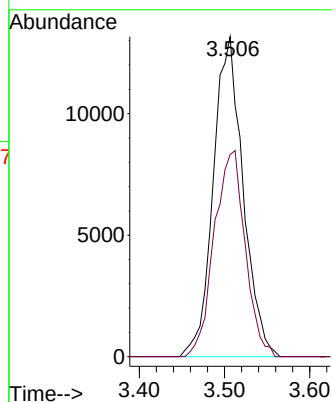
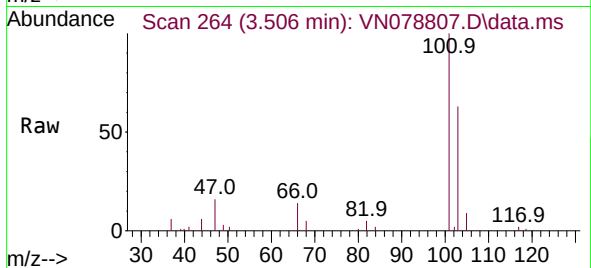
VSTDICC010

Tgt Ion:101 Resp: 31990
 Ion Ratio Lower Upper
 101 100
 103 63.1 50.4 75.6

Manual Integrations

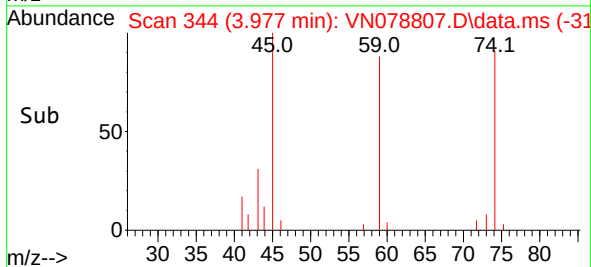
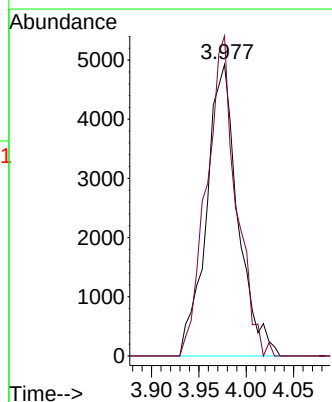
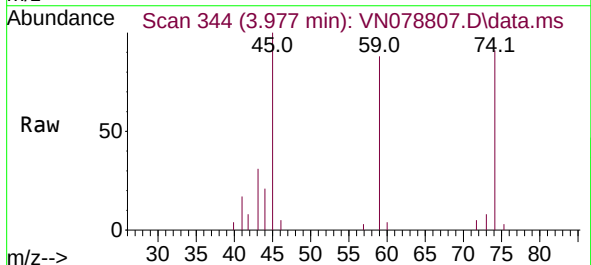
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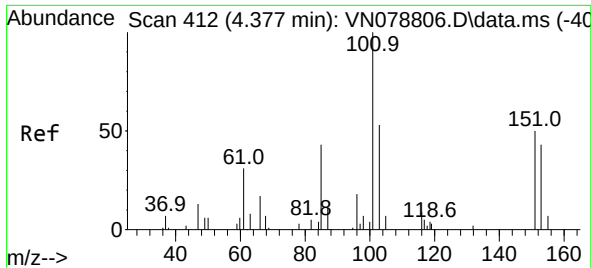
Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023



#8
 Diethyl Ether
 Concen: 9.237 ug/l
 RT: 3.977 min Scan# 344
 Delta R.T. -0.000 min
 Lab File: VN078807.D
 Acq: 08 Aug 2023 19:04

Tgt Ion: 74 Resp: 11375
 Ion Ratio Lower Upper
 74 100
 45 102.8 16.3 146.5





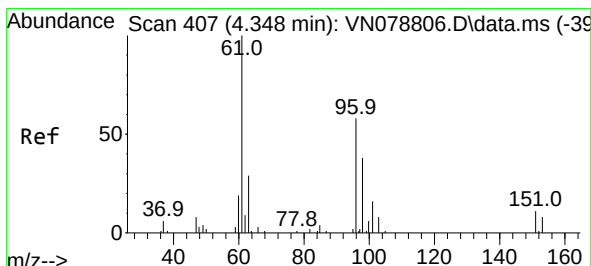
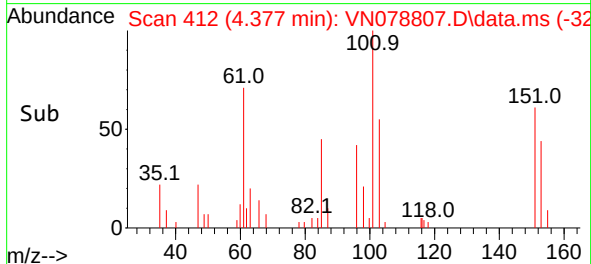
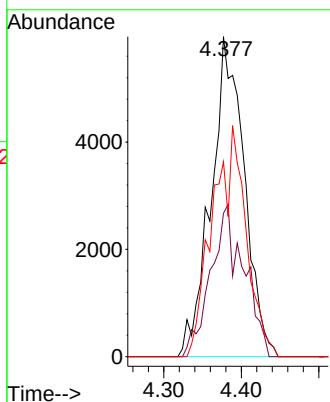
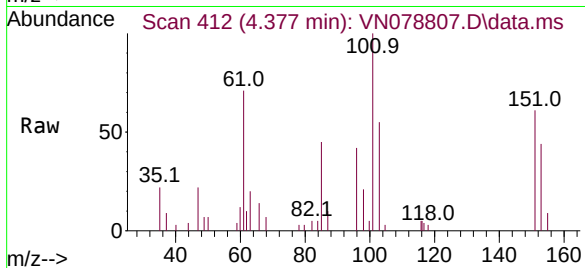
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1,1,2-Trichlorotrifluoroethane
Concen: 8.831 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 1771
Ion Ratio Lower Upper
101 100
85 22.1 0.0 89.2
151 37.7 0.0 148.8

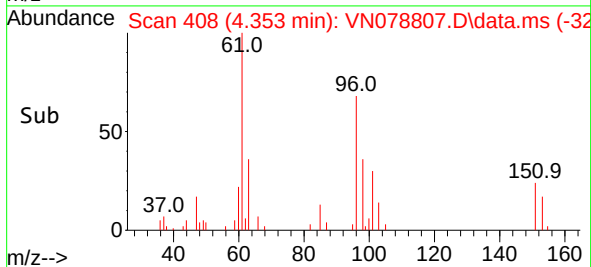
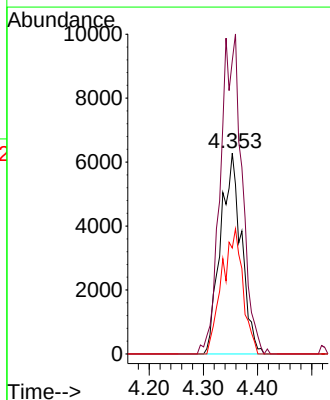
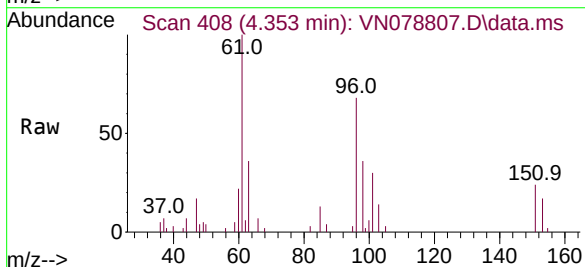
Manual Integrations
APPROVED

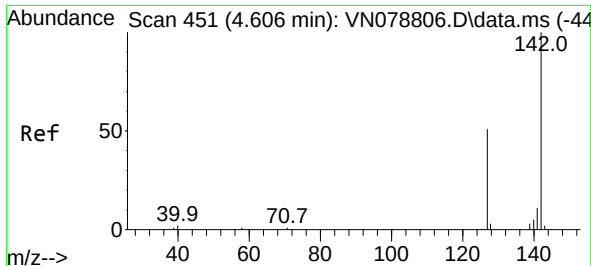
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#10
1,1-Dichloroethene
Concen: 8.800 ug/l m
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

Tgt Ion: 96 Resp: 16717
Ion Ratio Lower Upper
96 100
61 146.1 123.4 185.2
98 52.8 53.7 80.5#





#11

Methyl Iodide

Concen: 8.008 ug/l

RT: 4.600 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN078807.D

Acq: 08 Aug 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

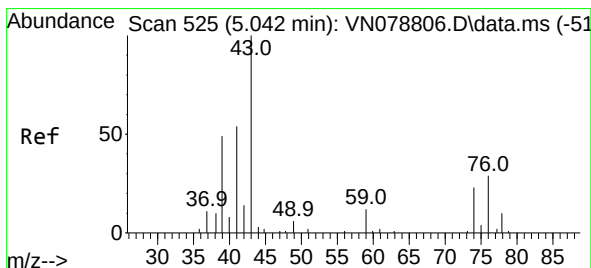
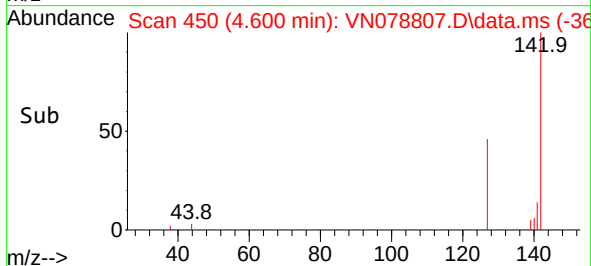
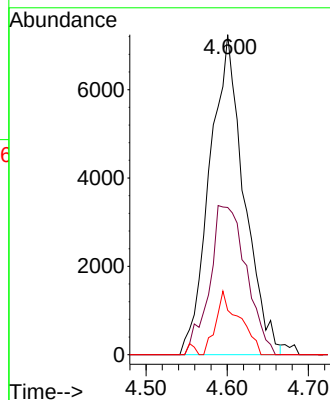
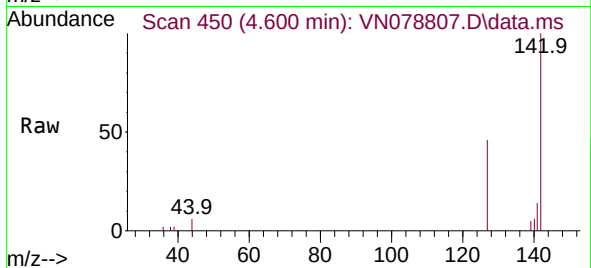
Tgt Ion:	142	Resp:	2134
Ion	Ratio	Lower	Upper
142	100		
127	46.7	23.2	69.5
141	14.1	7.2	21.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#12

Methyl Acetate

Concen: 11.537 ug/l

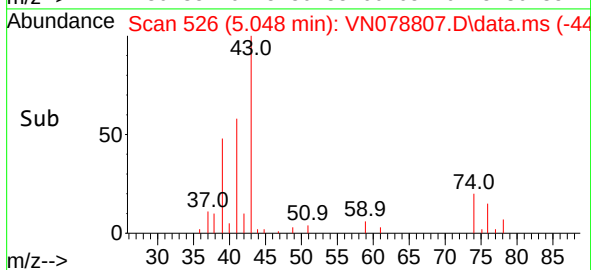
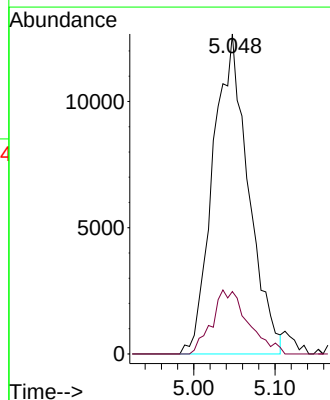
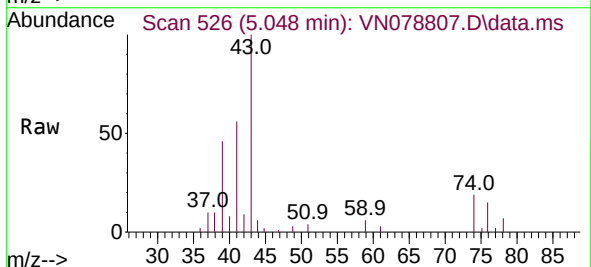
RT: 5.048 min Scan# 526

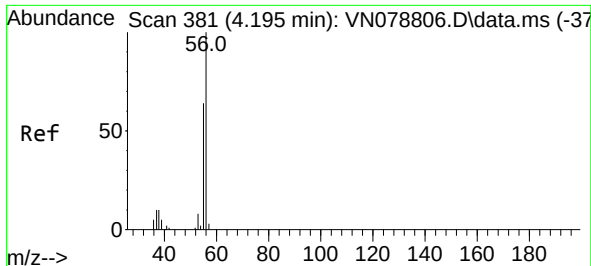
Delta R.T. 0.006 min

Lab File: VN078807.D

Acq: 08 Aug 2023 19:04

Tgt Ion:	43	Resp:	38384
Ion	Ratio	Lower	Upper
43	100		
74	19.0	20.5	30.7#





#13

Acrolein

Concen: 61.063 ug/l m

RT: 4.195 min Scan# 381

Delta R.T. -0.000 min

Lab File: VN078807.D

Acq: 08 Aug 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 21158

Ion Ratio Lower Upper

56 100

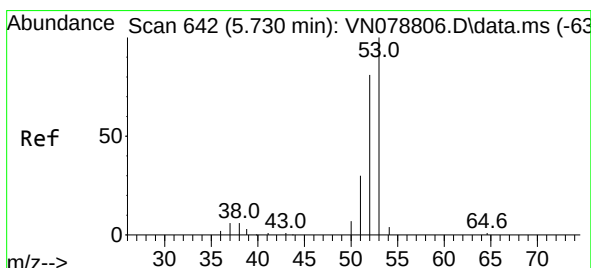
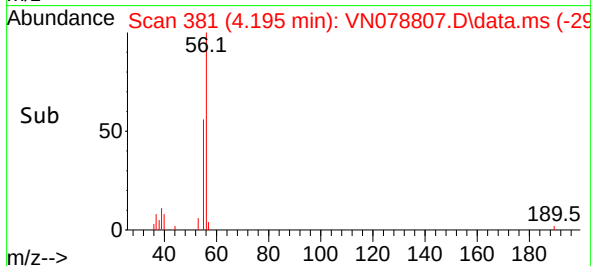
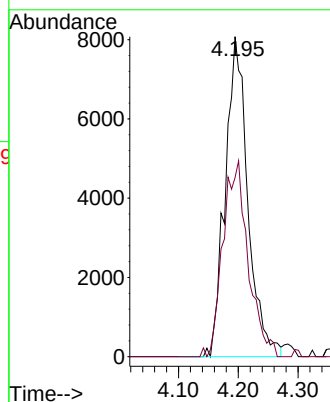
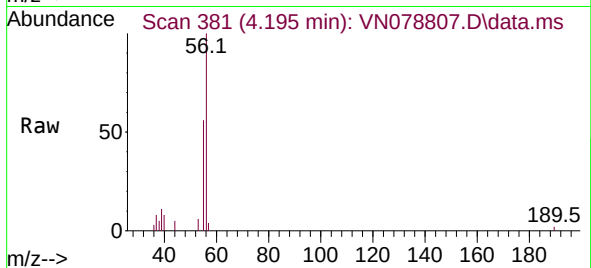
55 1.3 59.0 88.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#14

Acrylonitrile

Concen: 50.548 ug/l

RT: 5.730 min Scan# 642

Delta R.T. -0.000 min

Lab File: VN078807.D

Acq: 08 Aug 2023 19:04

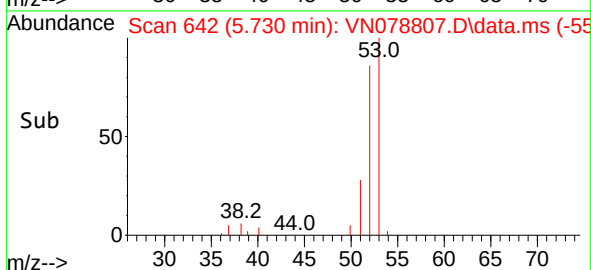
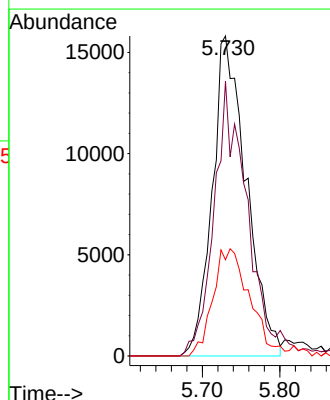
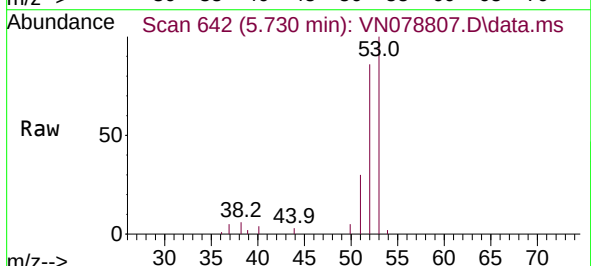
Tgt Ion: 53 Resp: 48086

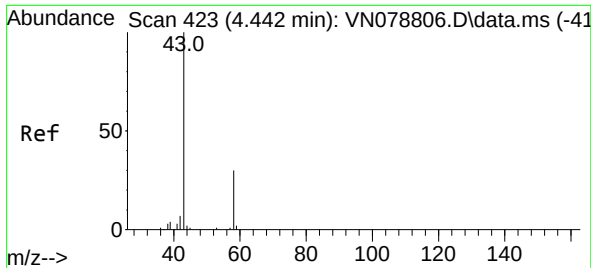
Ion Ratio Lower Upper

53 100

52 42.0 42.3 126.9#

51 14.4 18.4 55.4#





#15

Acetone

Concen: 45.309 ug/l m

RT: 4.436 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN078807.D

Acq: 08 Aug 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 58 Resp: 1216

Ion Ratio Lower Upper

58 100

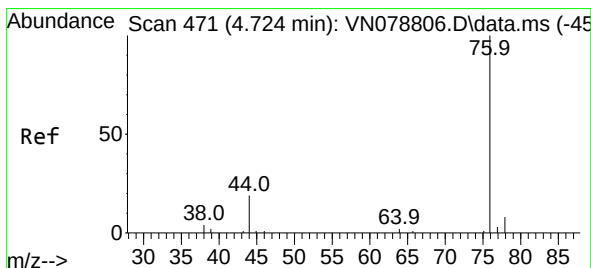
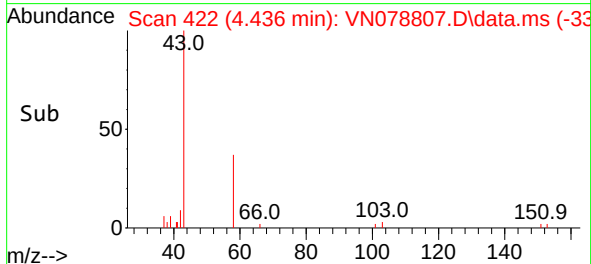
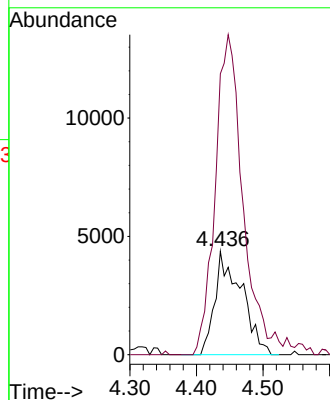
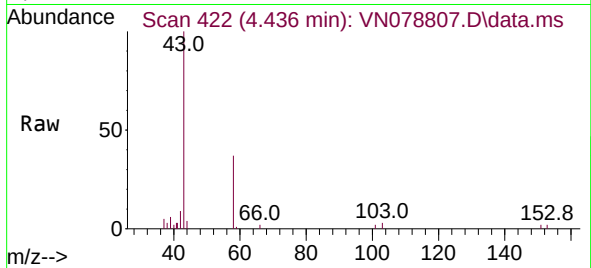
43 271.7 227.5 341.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#16

Carbon Disulfide

Concen: 8.872 ug/l m

RT: 4.718 min Scan# 470

Delta R.T. -0.006 min

Lab File: VN078807.D

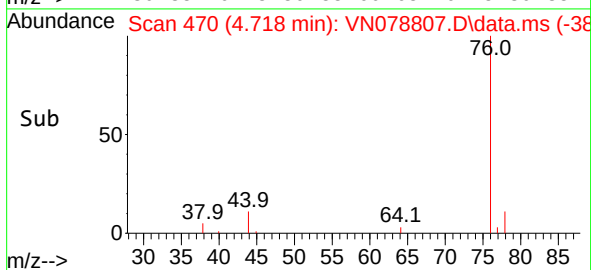
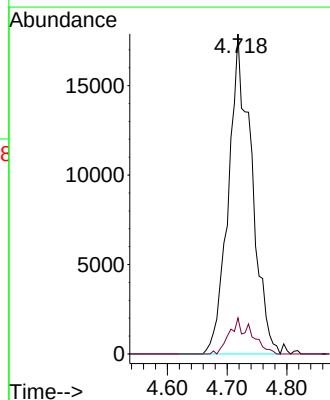
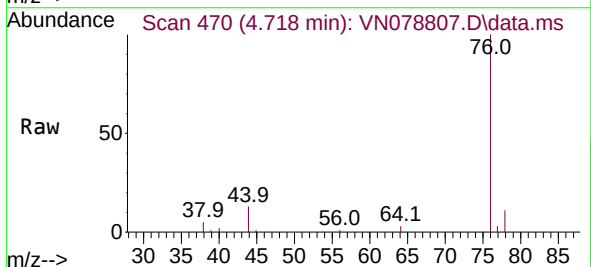
Acq: 08 Aug 2023 19:04

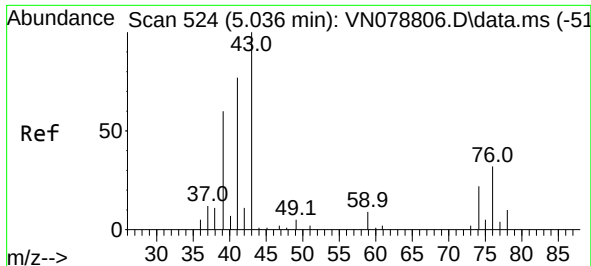
Tgt Ion: 76 Resp: 48031

Ion Ratio Lower Upper

76 100

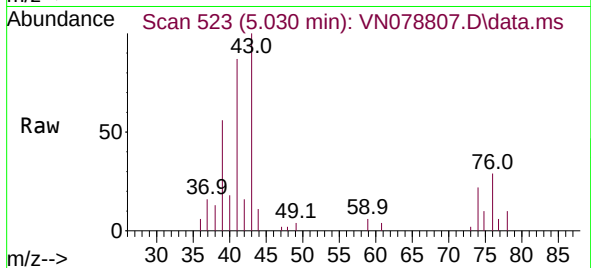
78 11.3 7.7 11.5





#17
 Allyl chloride
 Concen: 10.617 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN078807.D
 Acq: 08 Aug 2023 19:04

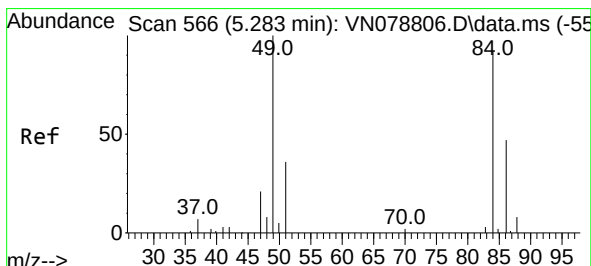
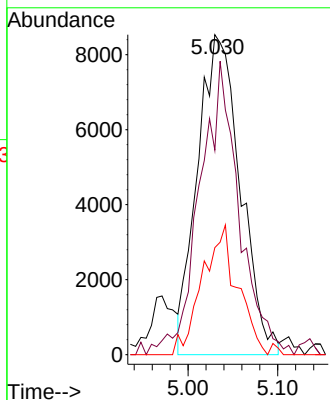
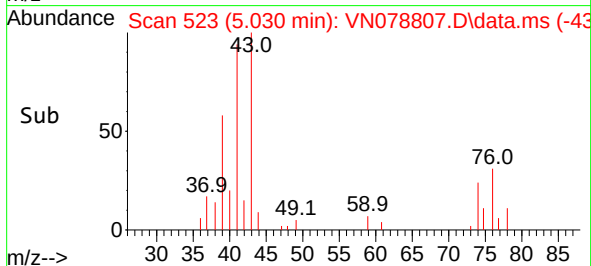
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 41 Resp: 2827
 Ion Ratio Lower Upper
 41 100
 39 62.1 37.6 112.8
 76 32.6 23.8 71.4

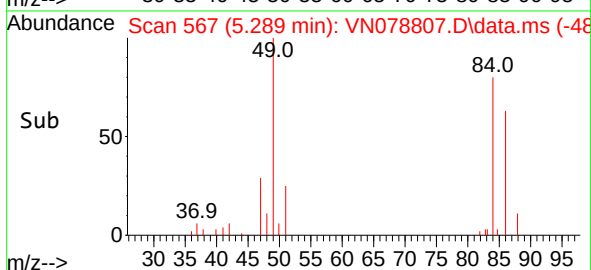
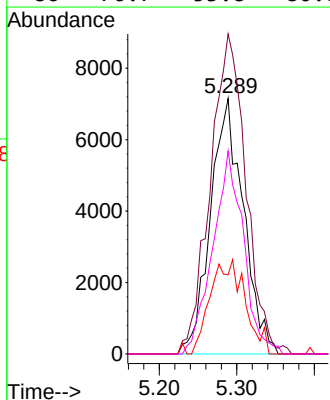
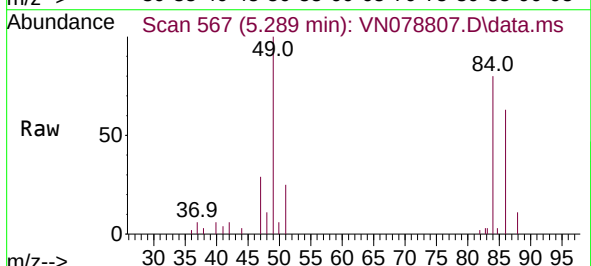
Manual Integrations
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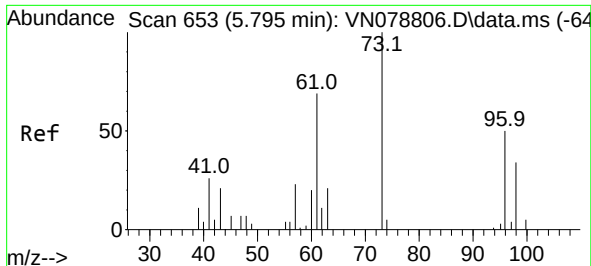
Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023



#18
 Methylene Chloride
 Concen: 9.169 ug/l
 RT: 5.289 min Scan# 567
 Delta R.T. 0.006 min
 Lab File: VN078807.D
 Acq: 08 Aug 2023 19:04

Tgt Ion: 84 Resp: 21181
 Ion Ratio Lower Upper
 84 100
 49 120.9 88.1 132.1
 51 29.9 24.0 36.0
 86 76.7 53.8 80.8





#19

trans-1,2-Dichloroethene

Concen: 9.109 ug/l

RT: 5.800 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN078807.D

Acq: 08 Aug 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 96 Resp: 20070

Ion Ratio Lower Upper

96 100

61 139.6 105.2 157.8

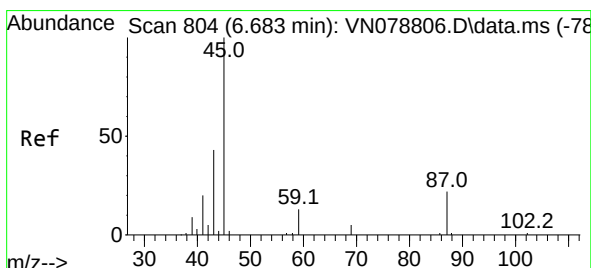
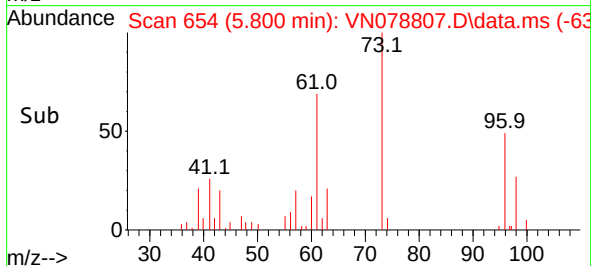
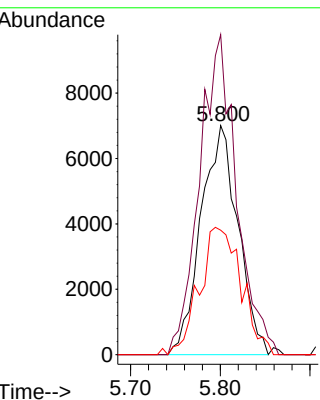
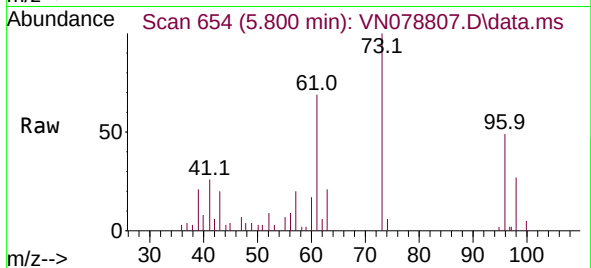
98 54.3 50.5 75.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#20

Diisopropyl ether

Concen: 10.569 ug/l

RT: 6.689 min Scan# 805

Delta R.T. 0.006 min

Lab File: VN078807.D

Acq: 08 Aug 2023 19:04

Tgt Ion: 45 Resp: 65225

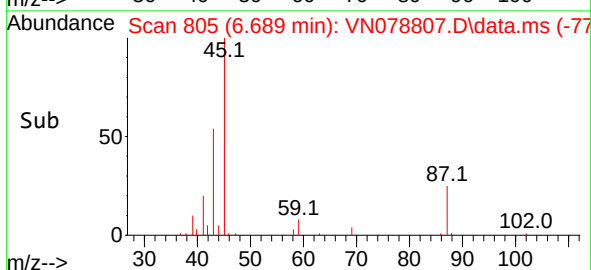
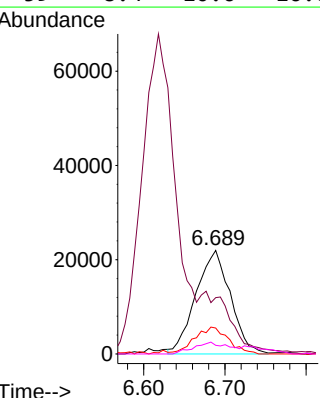
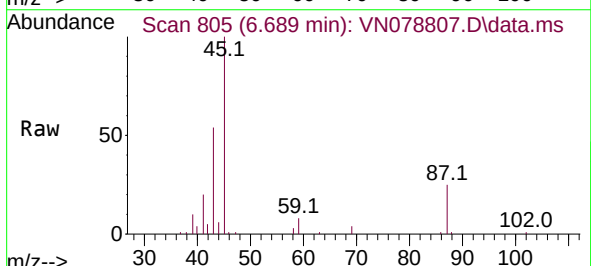
Ion Ratio Lower Upper

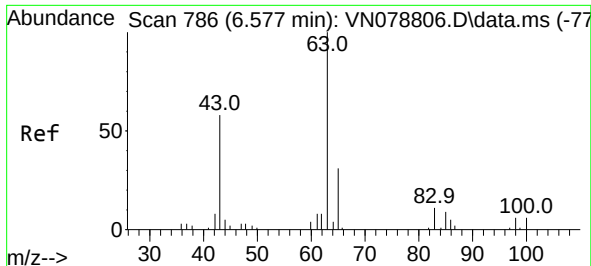
45 100

43 50.5 43.6 65.4

87 25.2 25.8 38.6#

59 8.4 10.6 16.0#





#21

1,1-Dichloroethane

Concen: 9.391 ug/l

RT: 6.583 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN078807.D

Acq: 08 Aug 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 3718

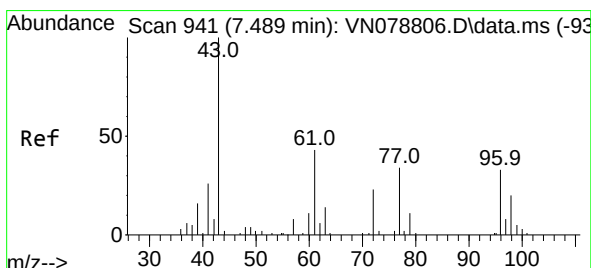
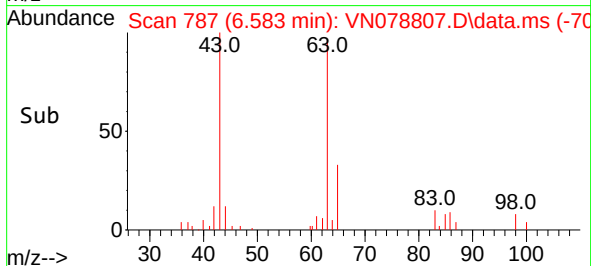
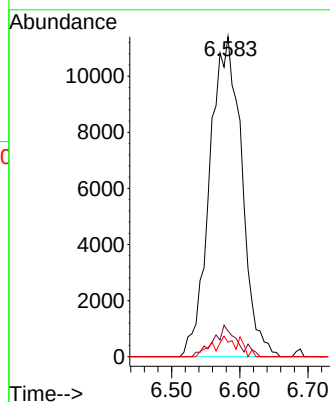
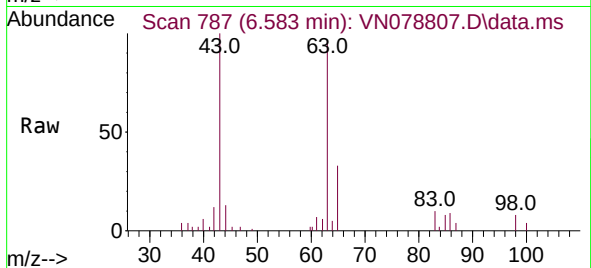
Ion	Ratio	Lower	Upper
63	100		
98	8.0	2.7	8.1
100	4.5	2.5	7.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#22

cis-1,2-Dichloroethene

Concen: 9.252 ug/l

RT: 7.494 min Scan# 942

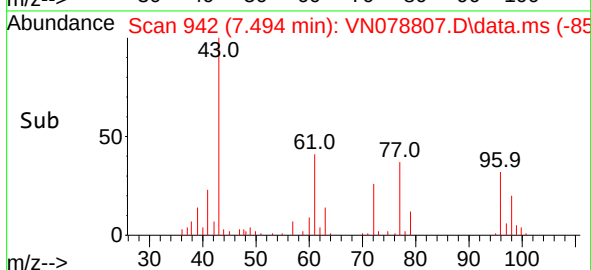
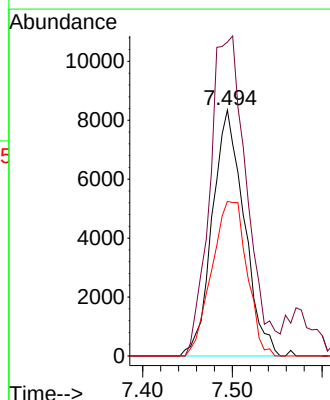
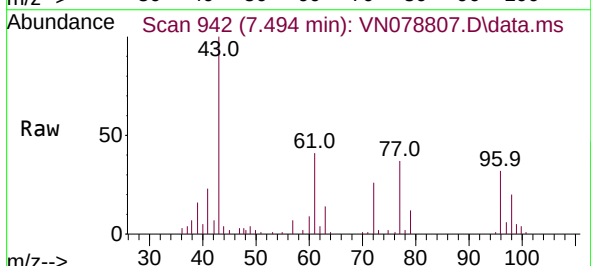
Delta R.T. 0.006 min

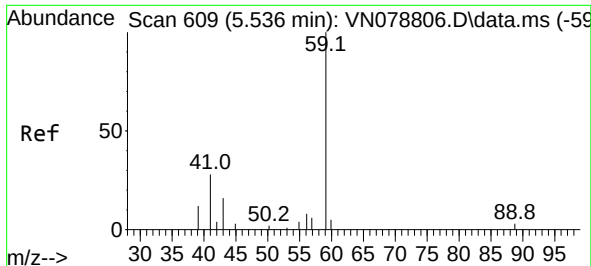
Lab File: VN078807.D

Acq: 08 Aug 2023 19:04

Tgt Ion: 96 Resp: 20587

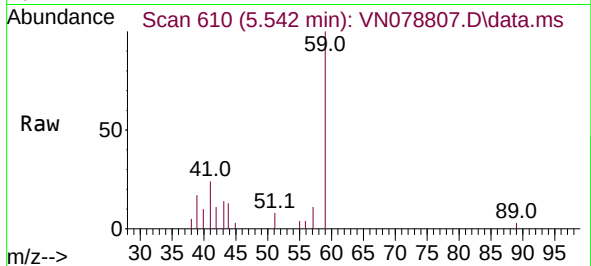
Ion	Ratio	Lower	Upper
96	100		
61	5.3	113.8	170.6#
98	69.3	52.2	78.4





#23
tert-Butyl Alcohol
Concen: 47.683 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

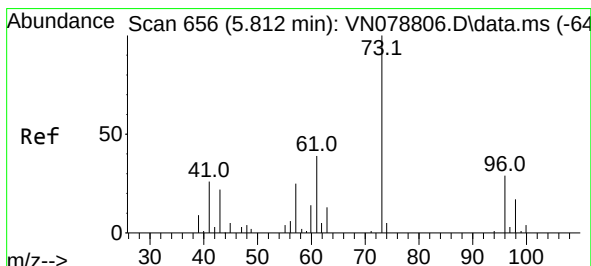
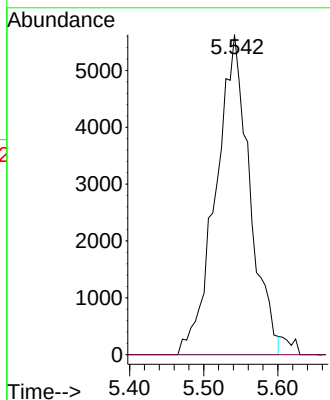
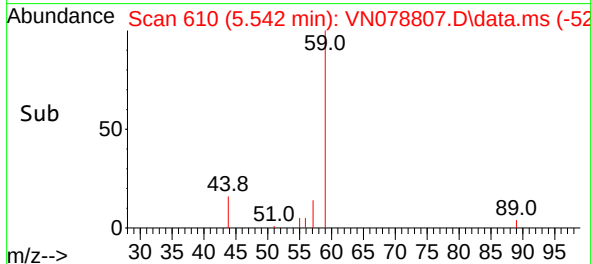
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 59 Resp: 17930
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

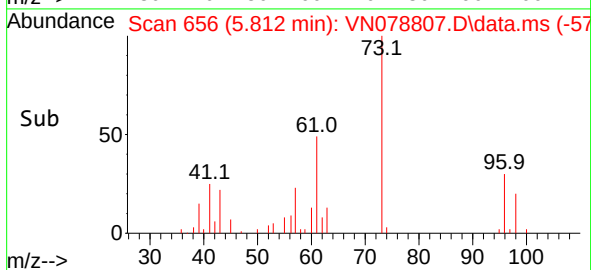
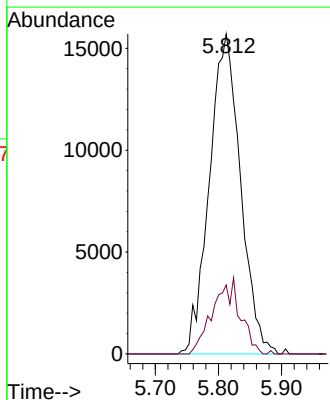
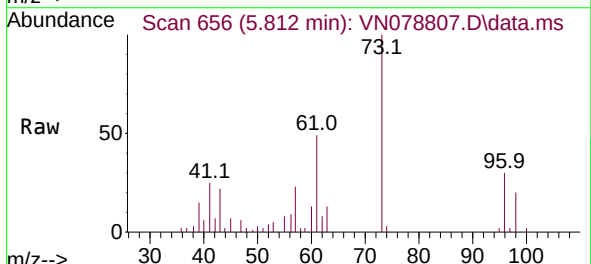
Manual Integrations
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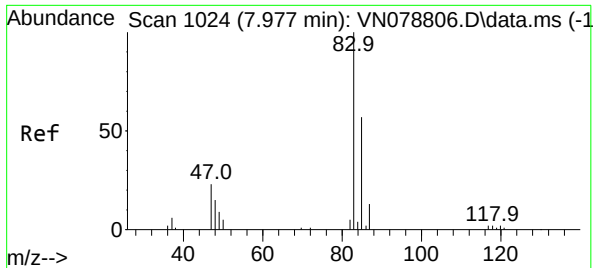
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#24
Methyl tert-Butyl Ether
Concen: 8.402 ug/l
RT: 5.812 min Scan# 656
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

Tgt Ion: 73 Resp: 53769
Ion Ratio Lower Upper
73 100
43 13.4 14.5 21.7#





#25

Chloroform

Concen: 9.155 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN078807.D

Acq: 08 Aug 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 83 Resp: 37730

Ion Ratio Lower Upper

83 100

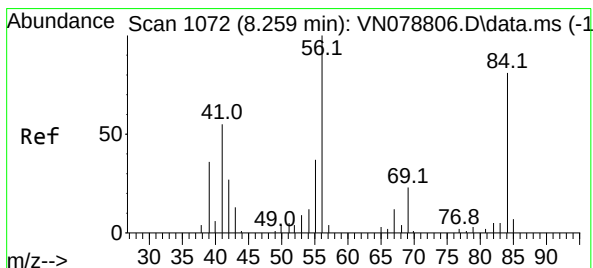
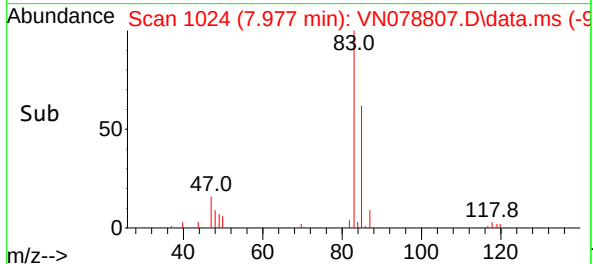
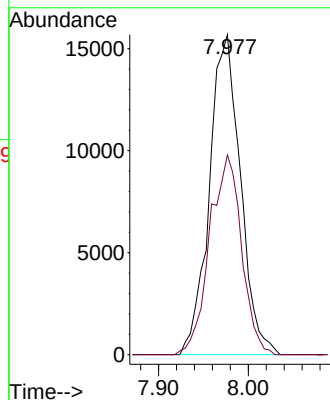
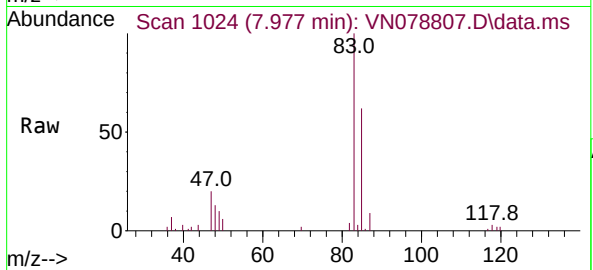
85 62.4 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#26

Cyclohexane

Concen: 9.290 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.006 min

Lab File: VN078807.D

Acq: 08 Aug 2023 19:04

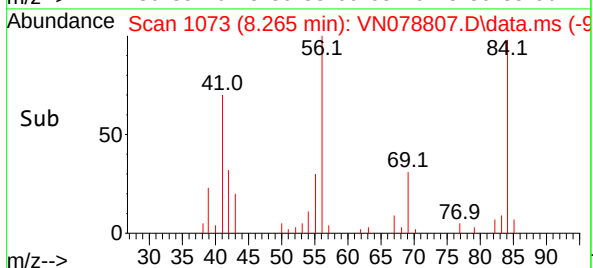
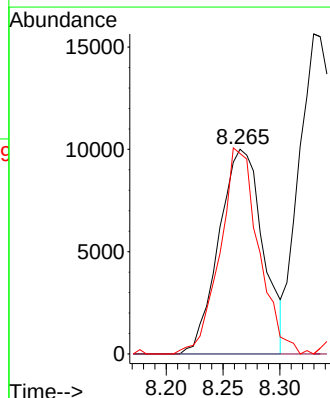
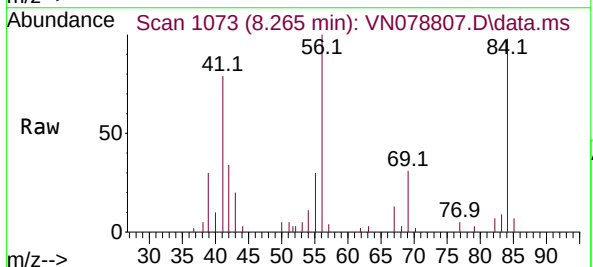
Tgt Ion: 56 Resp: 26912

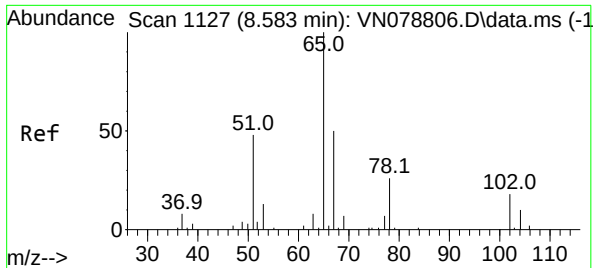
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.7 74.2 111.4





#27

1,2-Dichloroethane-d4

Concen: 30.850 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078807.D

Acq: 08 Aug 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 79114

Ion Ratio Lower Upper

65 100

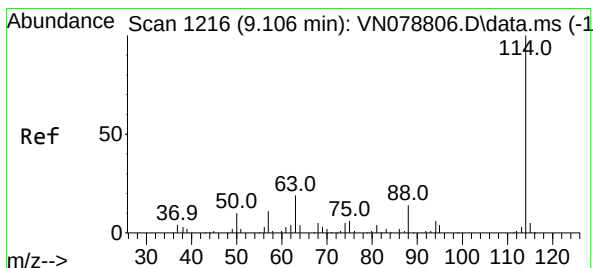
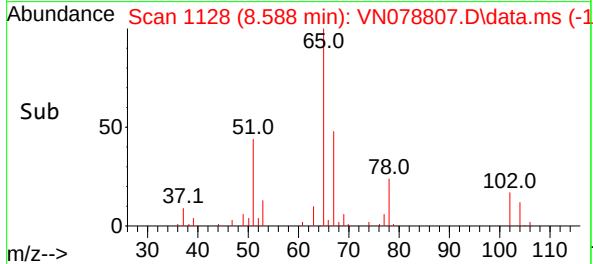
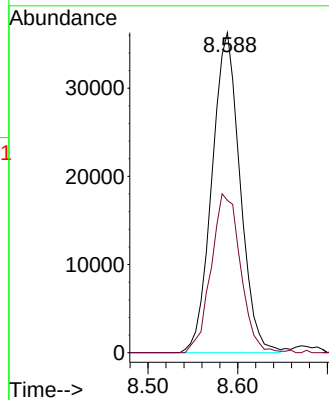
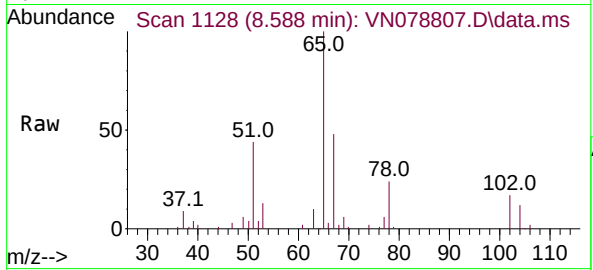
67 51.7 42.9 64.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078807.D

Acq: 08 Aug 2023 19:04

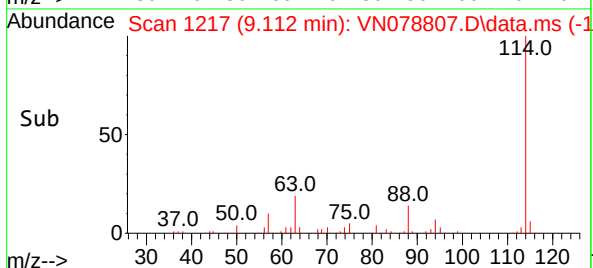
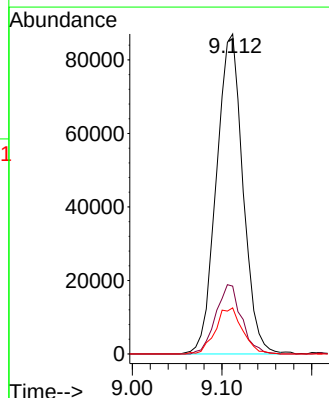
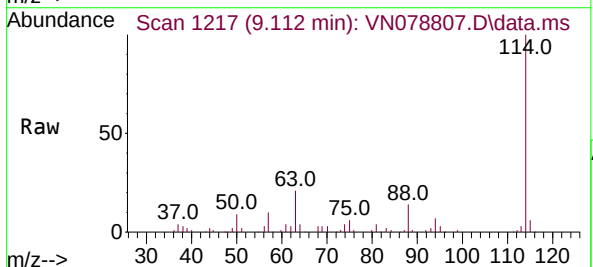
Tgt Ion:114 Resp: 178270

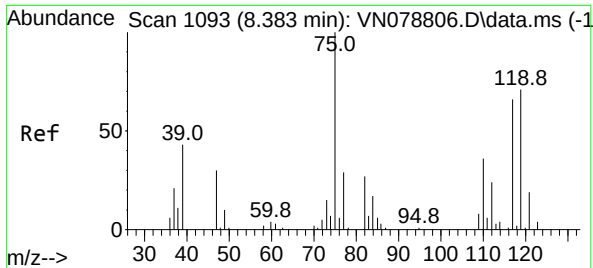
Ion Ratio Lower Upper

114 100

63 21.0 15.2 22.8

88 14.6 12.5 18.7





#29

1,1-Dichloropropene

Concen: 9.315 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VN078807.D

Acq: 08 Aug 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

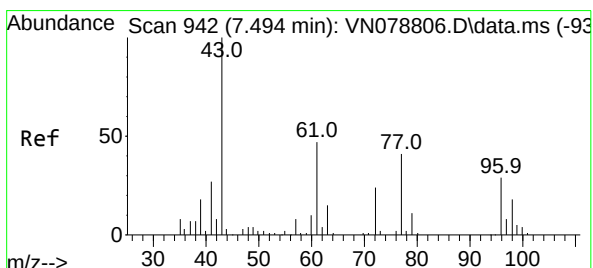
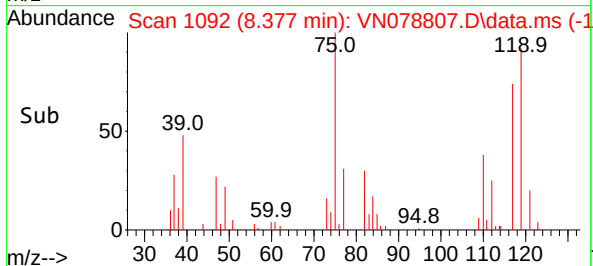
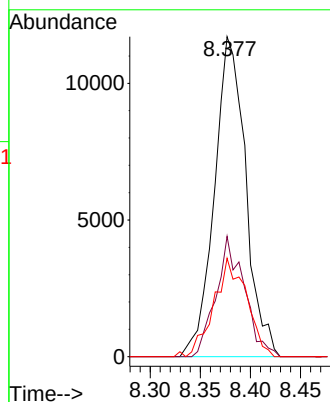
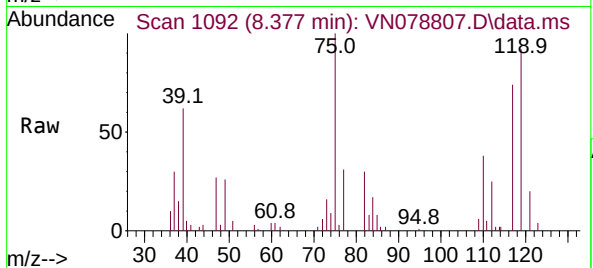
Tgt Ion:	75	Resp:	2539
Ion Ratio	Lower	Upper	
75	100		
110	34.2	0.0	72.2
77	19.6	0.0	62.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#30

2-Butanone

Concen: 59.099 ug/l

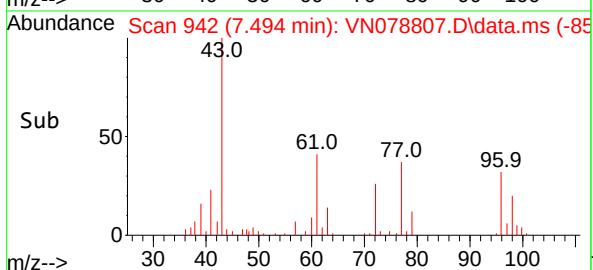
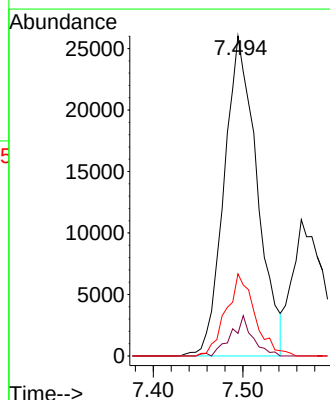
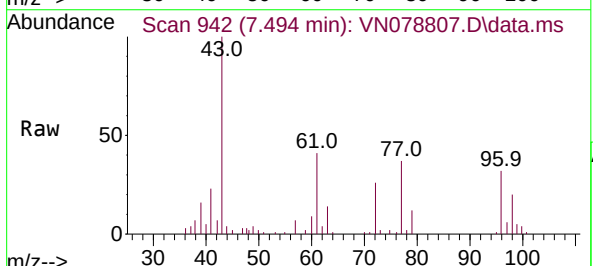
RT: 7.494 min Scan# 942

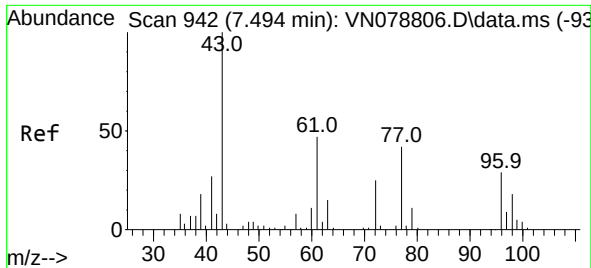
Delta R.T. -0.000 min

Lab File: VN078807.D

Acq: 08 Aug 2023 19:04

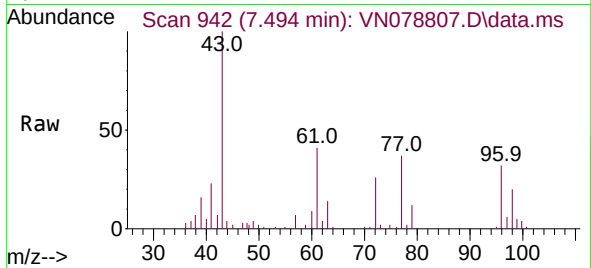
Tgt Ion:	43	Resp:	66412
Ion Ratio	Lower	Upper	
43	100		
57	8.1	6.8	10.2
72	22.1	23.8	35.6





#31
2,2-Dichloropropane
Concen: 8.737 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

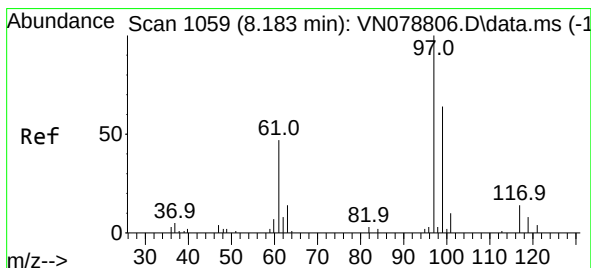
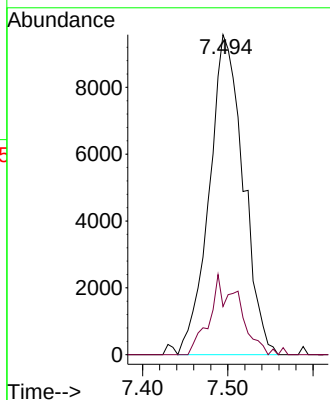
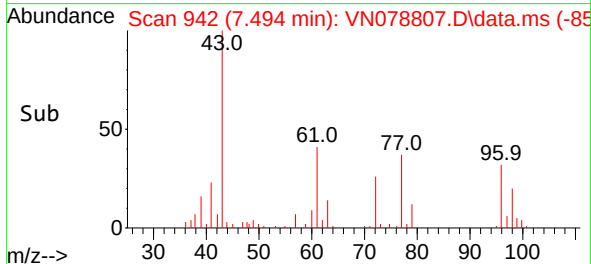
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



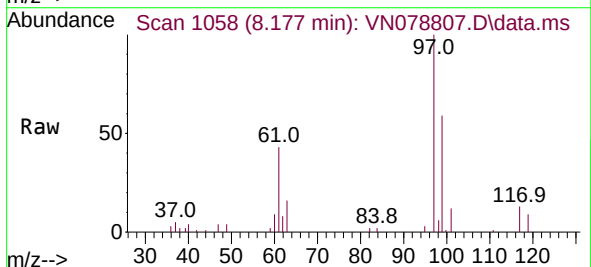
Tgt Ion: 77 Resp: 26580
Ion Ratio Lower Upper
77 100
97 6.9 18.8 28.2

Manual Integrations
APPROVED

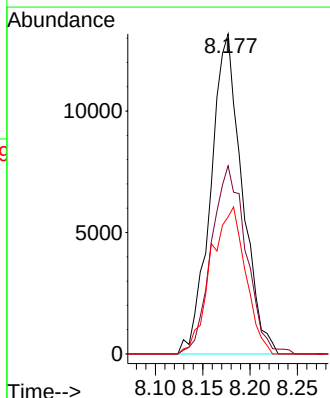
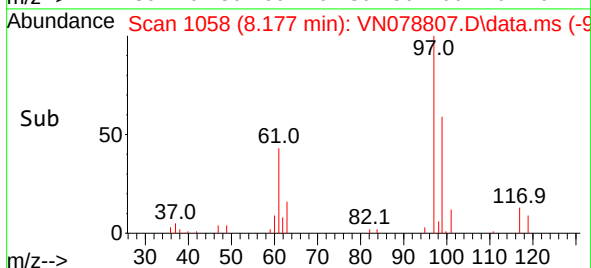
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

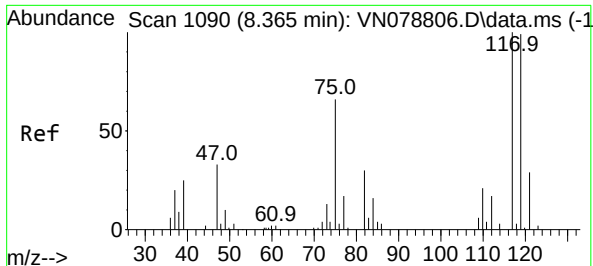


#32
1,1,1-Trichloroethane
Concen: 9.100 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04



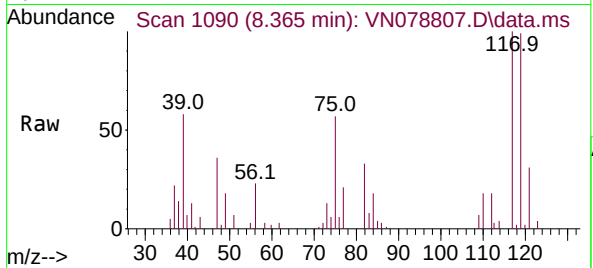
Tgt Ion: 97 Resp: 30490
Ion Ratio Lower Upper
97 100
99 64.3 51.3 76.9
61 50.8 34.6 52.0





#33
Carbon Tetrachloride
Concen: 8.581 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

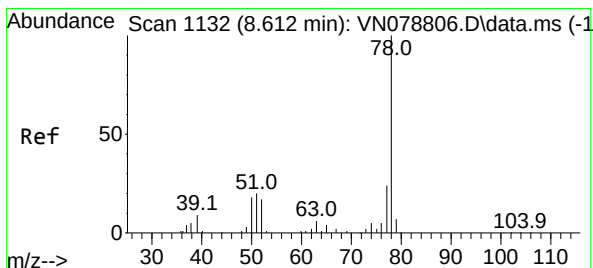
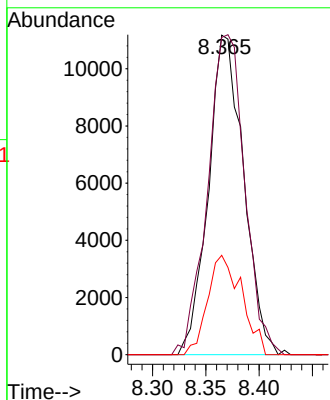
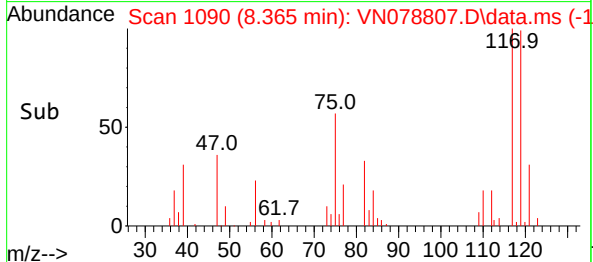
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 117 Resp: 25710
Ion Ratio Lower Upper
117 100
119 97.6 81.4 122.0
121 31.1 23.6 35.4

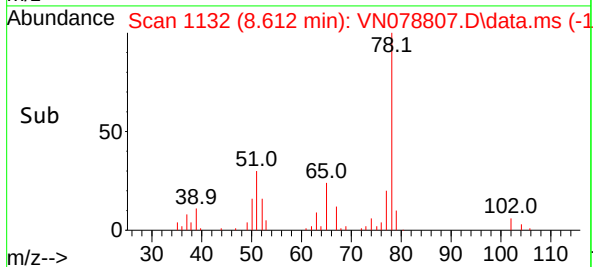
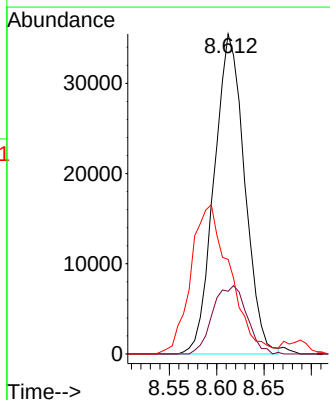
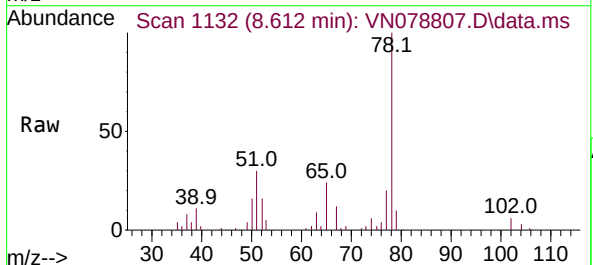
Manual Integrations
APPROVED

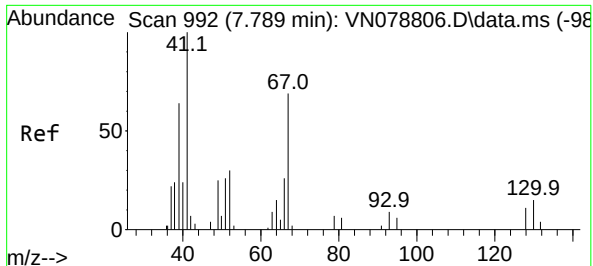
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#34
Benzene
Concen: 9.746 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

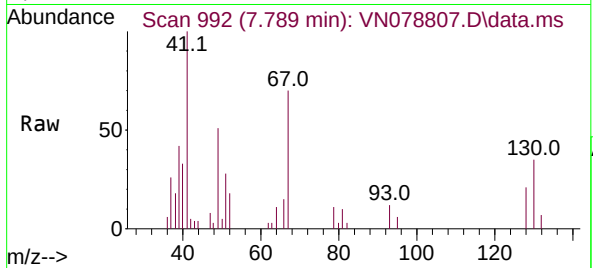
Tgt Ion: 78 Resp: 79467
Ion Ratio Lower Upper
78 100
77 19.6 18.3 27.5
51 27.7 13.7 20.5#





#35
Methacrylonitrile
Concen: 12.133 ug/l
RT: 7.789 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

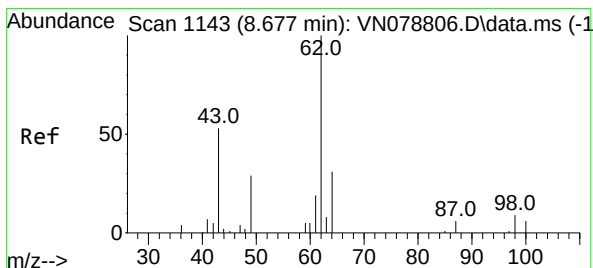
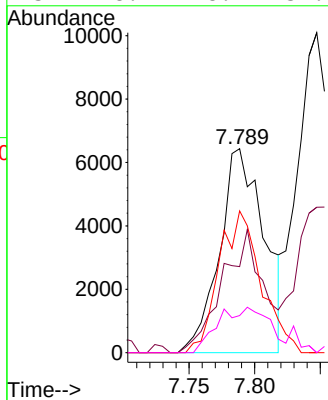
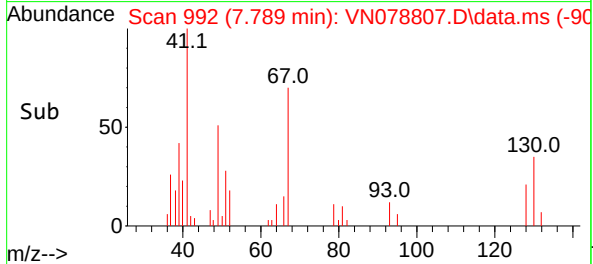
Instrument :
MSVOA_N
Client Sample Id :
VSTDICC010



Tgt Ion: 41 Resp: 1525
Ion Ratio Lower Upper
41 100
39 42.2 33.9 101.6
67 69.5 45.9 137.6
52 18.2 18.2 54.6#

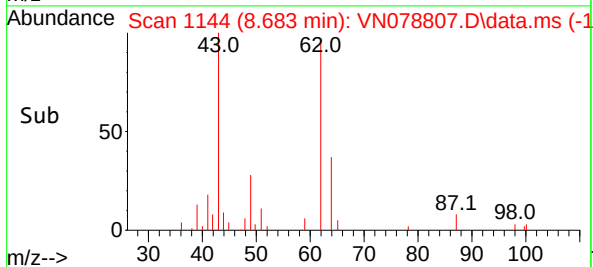
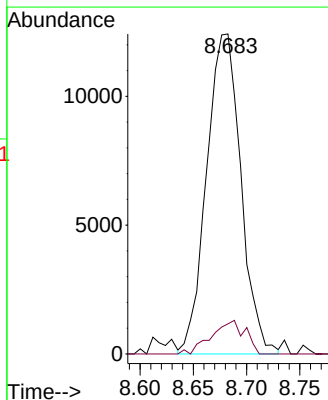
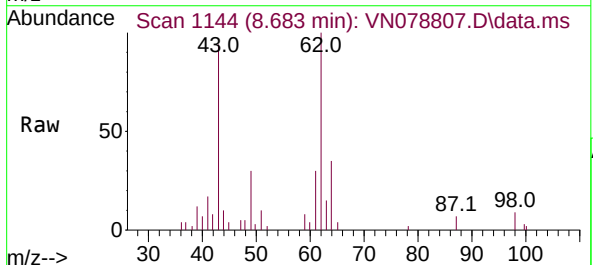
Manual Integrations
APPROVED

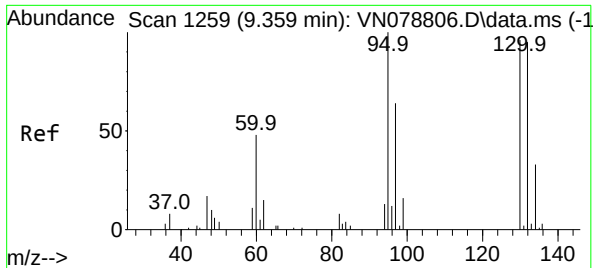
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#36
1,2-Dichloroethane
Concen: 9.779 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

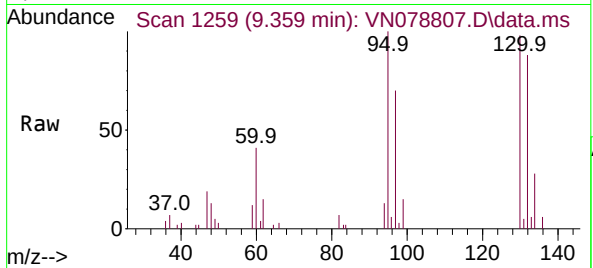
Tgt Ion: 62 Resp: 27858
Ion Ratio Lower Upper
62 100
98 10.0 7.4 11.0





#37
Trichloroethene
Concen: 8.707 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

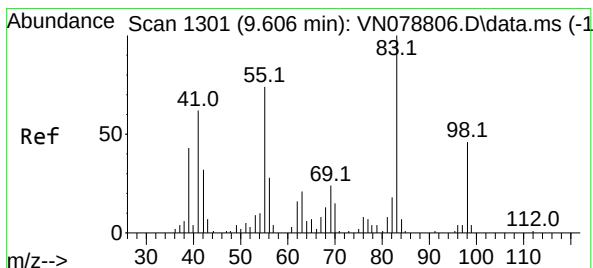
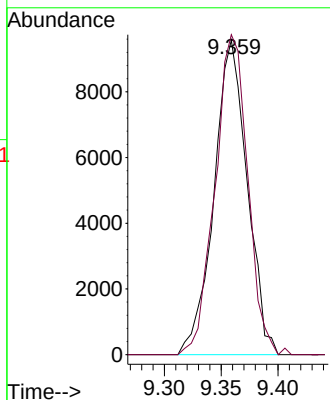
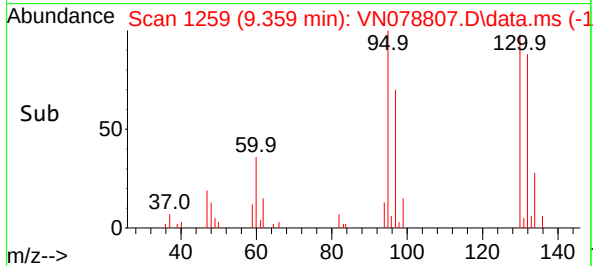
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



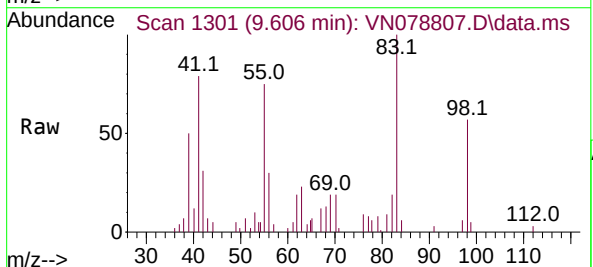
Tgt Ion:130 Resp: 19490
Ion Ratio Lower Upper
130 100
95 101.7 78.2 117.4

Manual Integrations
APPROVED

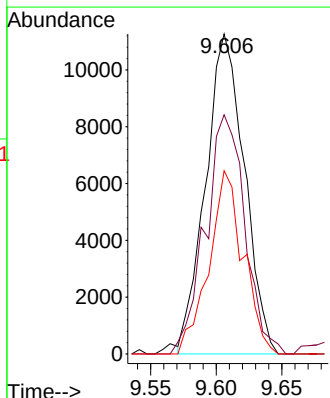
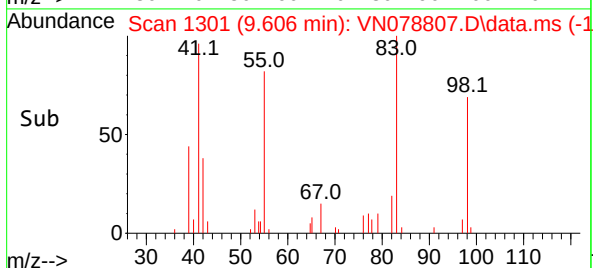
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

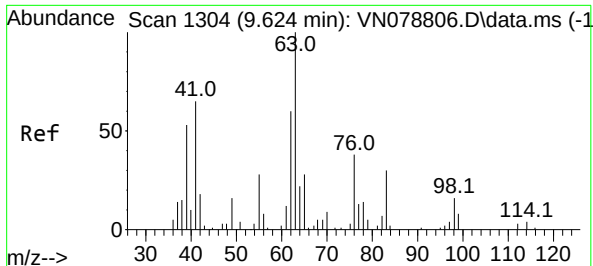


#38
Methylcyclohexane
Concen: 8.340 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04



Tgt Ion: 83 Resp: 23204
Ion Ratio Lower Upper
83 100
55 75.9 34.0 102.0
98 50.7 23.0 69.0





#39

1,2-Dichloropropane

Concen: 9.773 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN078807.D

Acq: 08 Aug 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 2158

Ion Ratio Lower Upper

63 100

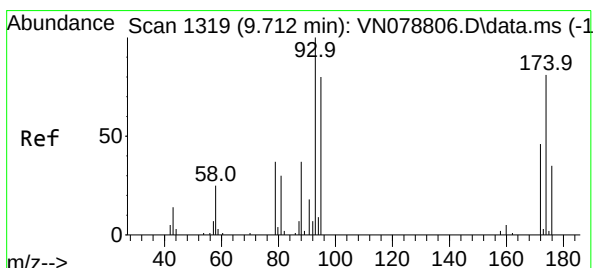
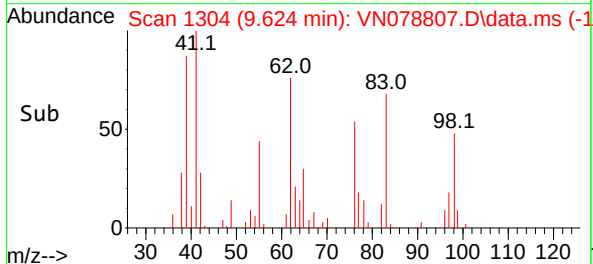
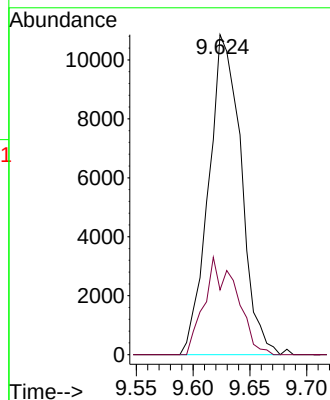
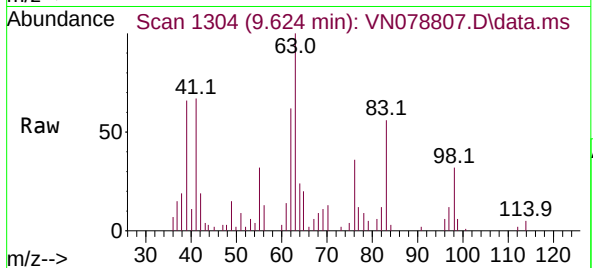
65 20.3 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#40

Dibromomethane

Concen: 9.920 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN078807.D

Acq: 08 Aug 2023 19:04

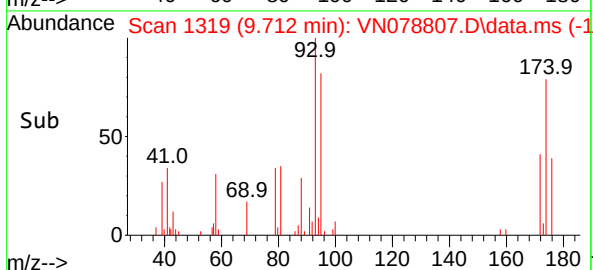
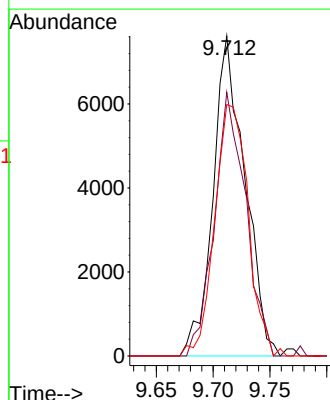
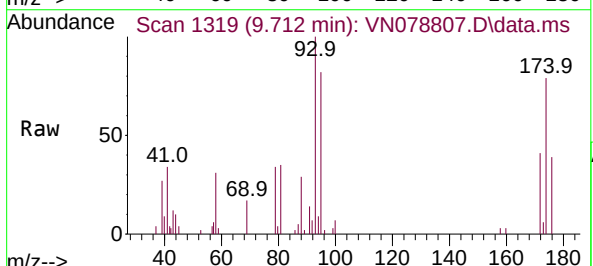
Tgt Ion: 93 Resp: 14835

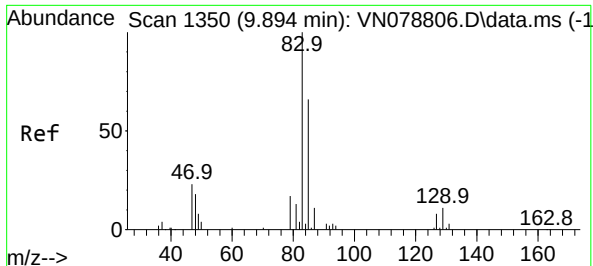
Ion Ratio Lower Upper

93 100

95 80.8 0.0 167.8

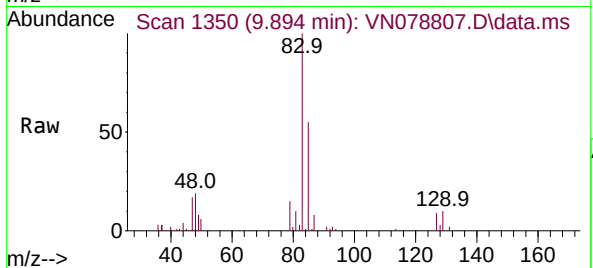
174 82.1 0.0 180.8





#41
Bromodichloromethane
Concen: 9.404 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

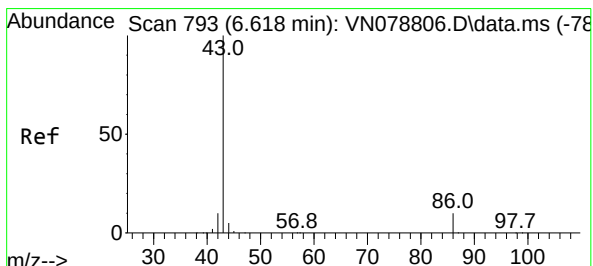
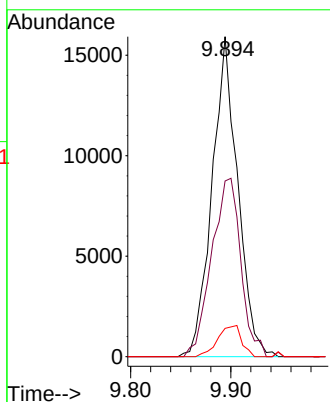
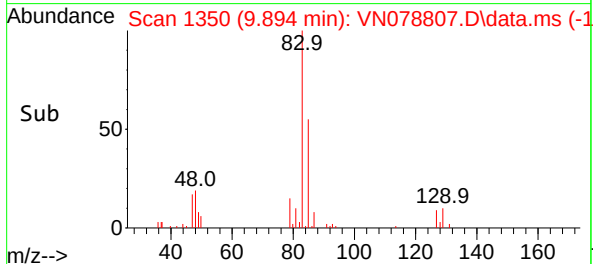
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



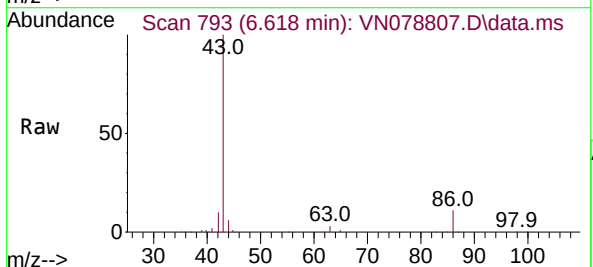
Tgt Ion: 83 Resp: 28298
Ion Ratio Lower Upper
83 100
85 54.9 54.1 81.1
127 8.8 7.8 11.6

Manual Integrations
APPROVED

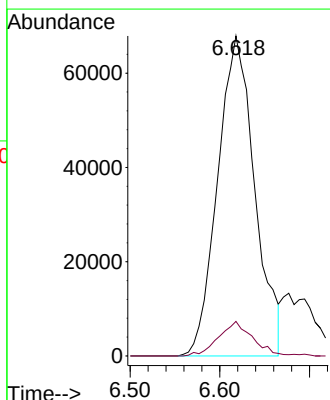
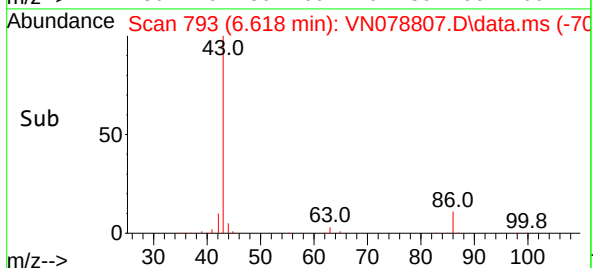
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

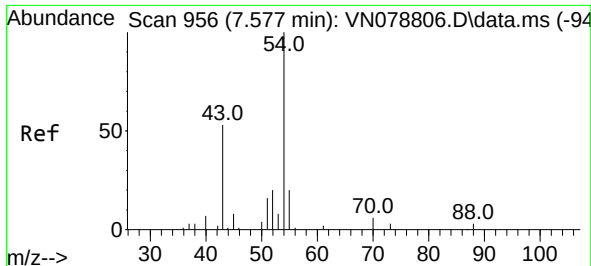


#42
Vinyl Acetate
Concen: 54.103 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04



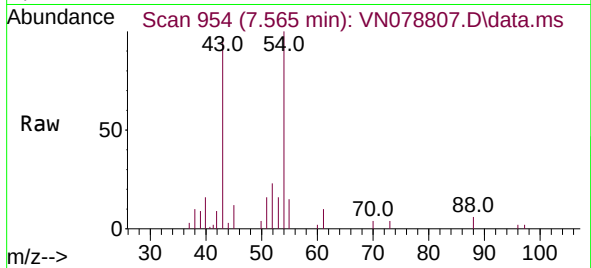
Tgt Ion: 43 Resp: 195172
Ion Ratio Lower Upper
43 100
86 9.8 9.4 14.0





#43
Ethyl Acetate
Concen: 11.754 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

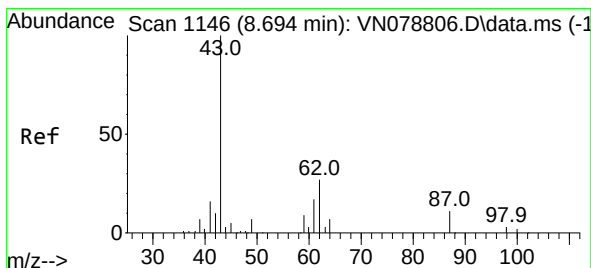
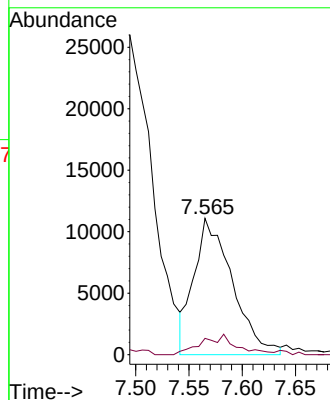
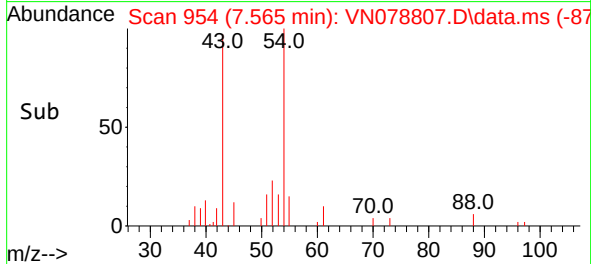
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



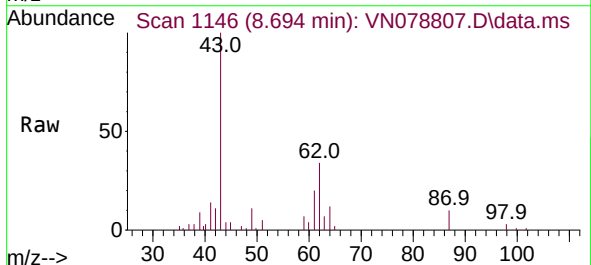
Tgt Ion: 43 Resp: 2780
Ion Ratio Lower Upper
43 100
45 7.0 10.9 16.3

Manual Integrations
APPROVED

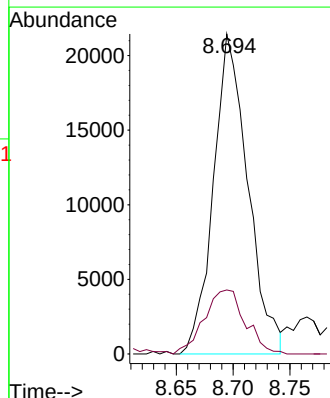
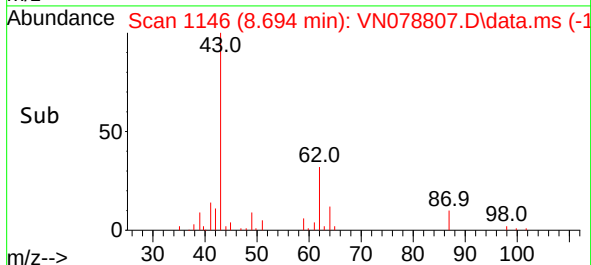
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

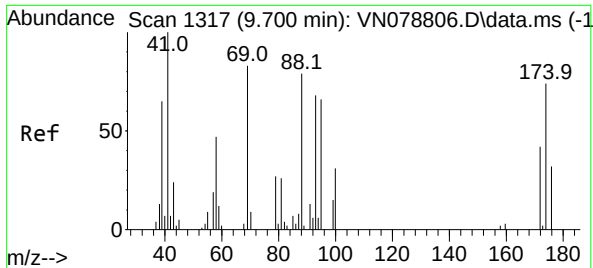


#44
Isopropyl Acetate
Concen: 11.138 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04



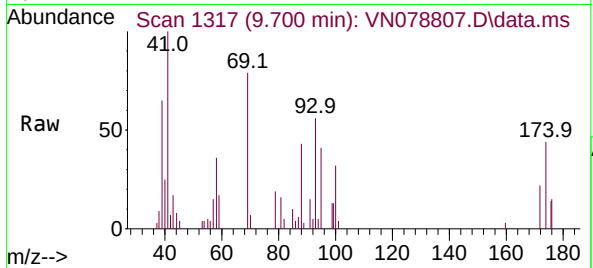
Tgt Ion: 43 Resp: 45235
Ion Ratio Lower Upper
43 100
61 23.8 23.0 34.6





#45
1,4-Dioxane
Concen: 167.620 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

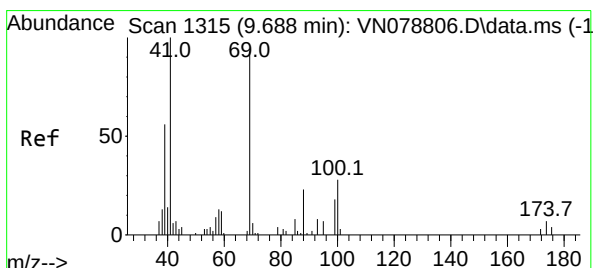
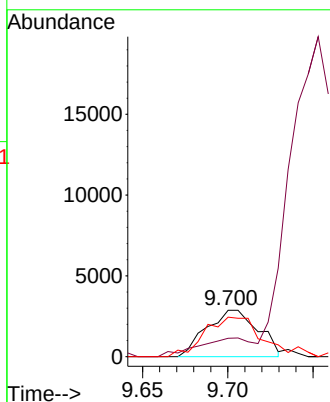
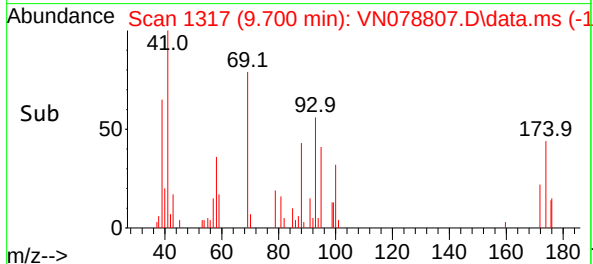
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



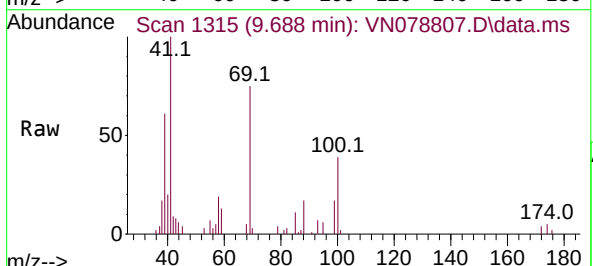
Tgt Ion: 88 Resp: 6072
Ion Ratio Lower Upper
88 100
43 43.8 19.0 28.6
58 91.2 48.2 72.2

Manual Integrations
APPROVED

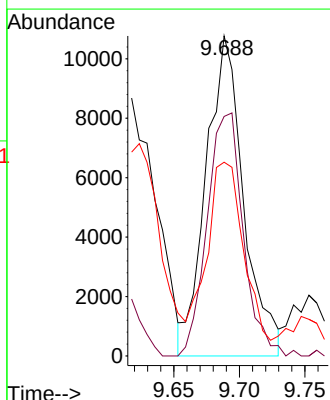
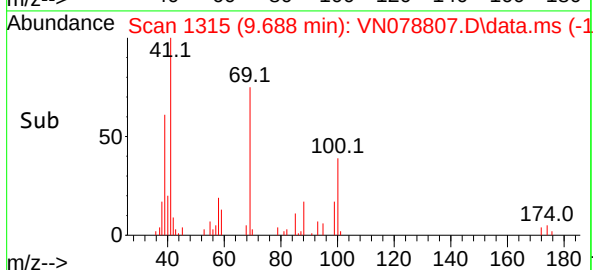
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

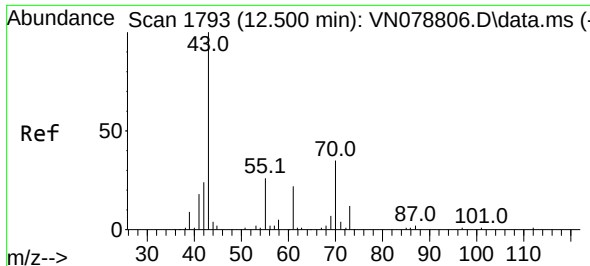


#46
Methyl methacrylate
Concen: 11.551 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04



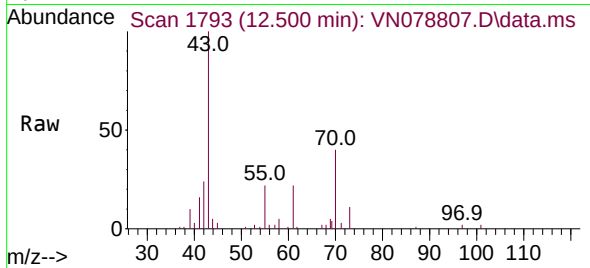
Tgt Ion: 41 Resp: 21437
Ion Ratio Lower Upper
41 100
69 81.6 49.0 147.0
39 59.3 31.6 94.8





#47
n-amy1 Acetate
Concen: 9.527 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

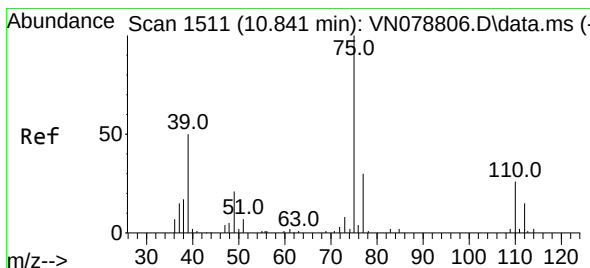
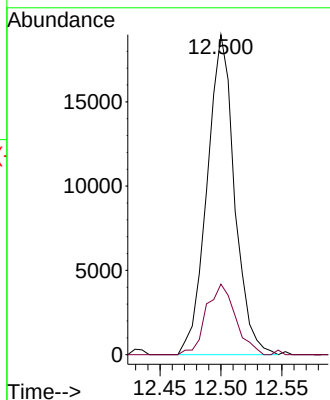
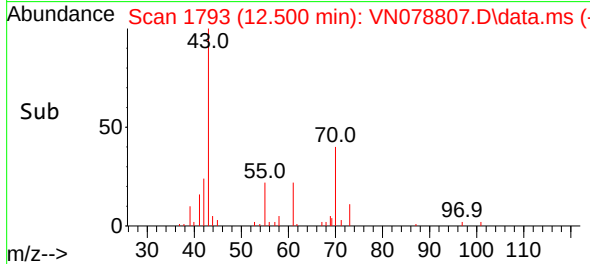
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 2978
Ion Ratio Lower Upper
43 100
55 23.5 21.5 32.3

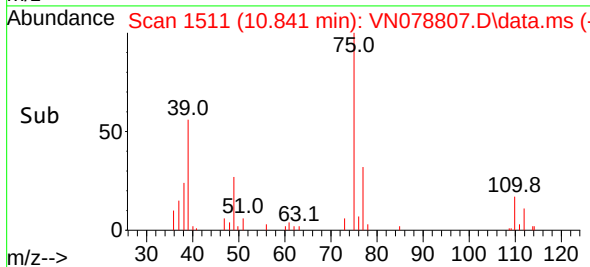
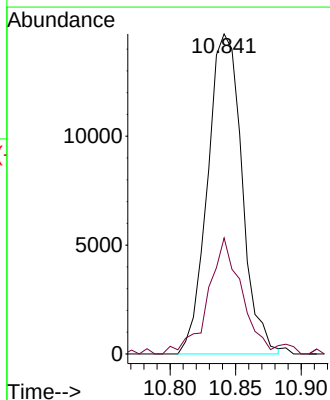
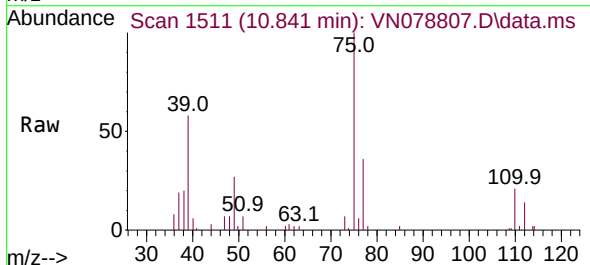
Manual Integrations
APPROVED

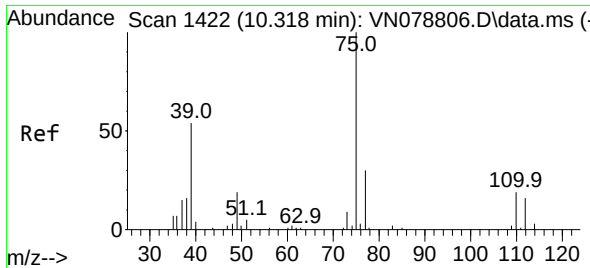
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#48
t-1,3-Dichloropropene
Concen: 8.512 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

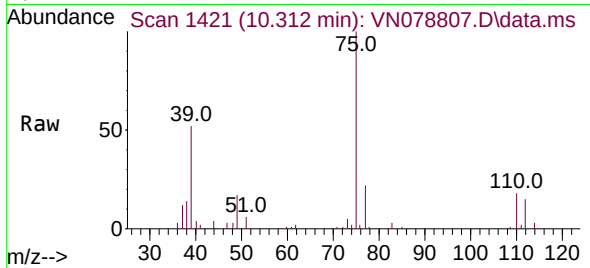
Tgt Ion: 75 Resp: 26806
Ion Ratio Lower Upper
75 100
77 34.9 26.1 39.1





#49
cis-1,3-Dichloropropene
Concen: 9.108 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

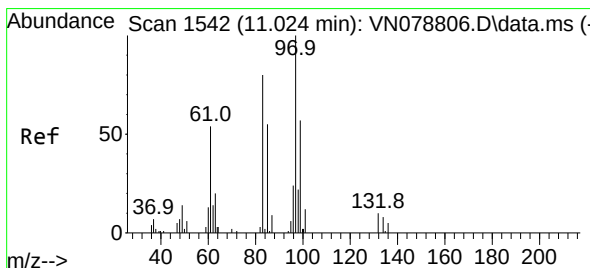
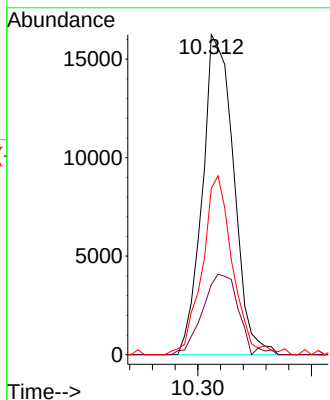
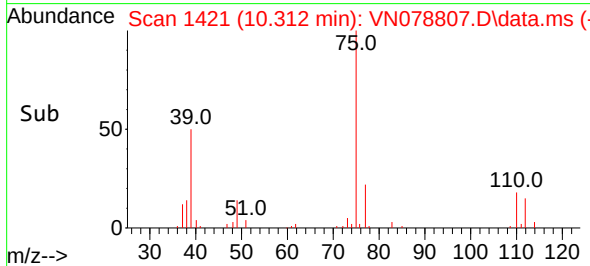
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 3110
Ion Ratio Lower Upper
75 100
77 21.9 24.0 36.0
39 51.1 35.1 52.7

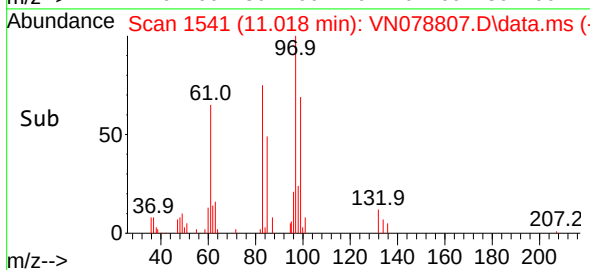
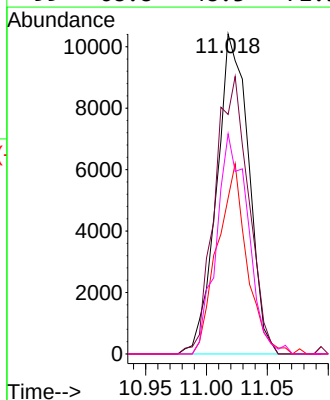
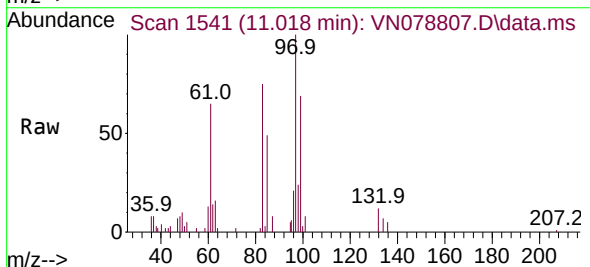
Manual Integrations
APPROVED

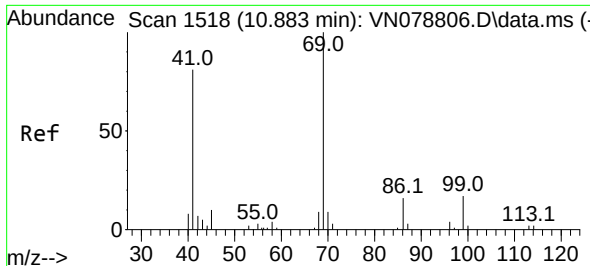
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#50
1,1,2-Trichloroethane
Concen: 9.187 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

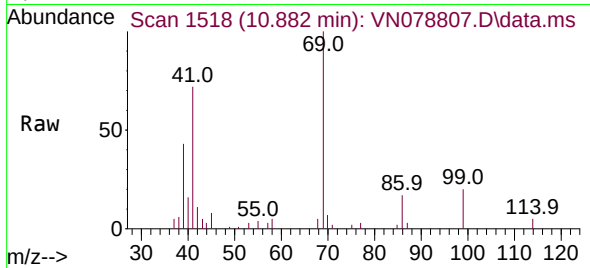
Tgt Ion: 97 Resp: 19110
Ion Ratio Lower Upper
97 100
83 74.9 66.8 100.2
85 48.7 42.5 63.7
99 68.8 48.3 72.5





#51
Ethyl methacrylate
Concen: 8.515 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

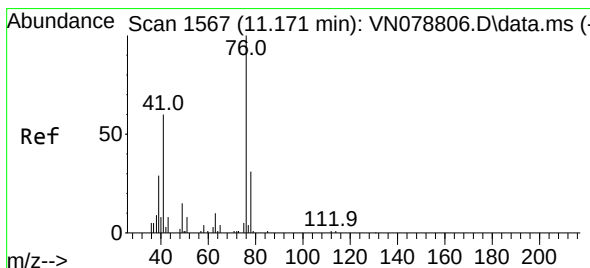
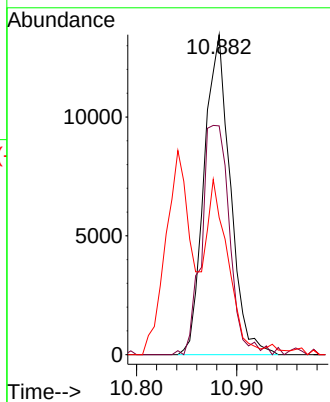
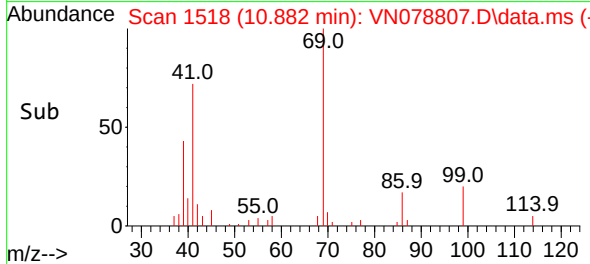
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 69 Resp: 24378
Ion Ratio Lower Upper
69 100
41 70.3 26.0 78.0
39 41.4 16.3 48.9

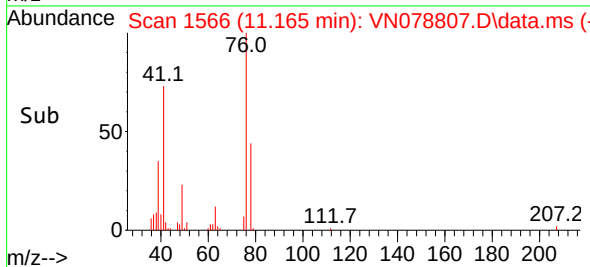
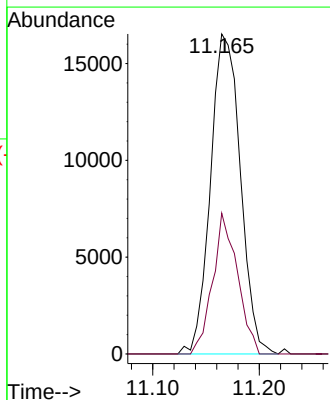
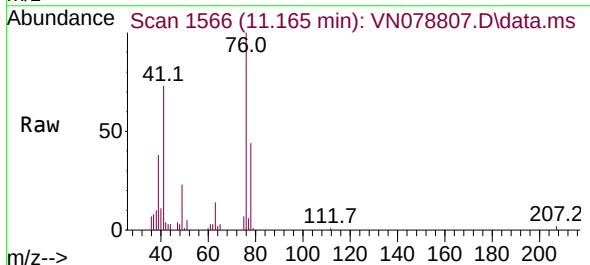
Manual Integrations
APPROVED

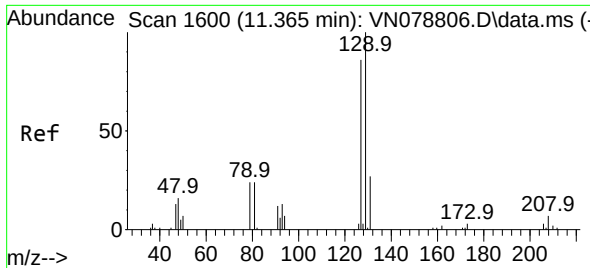
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#52
1,3-Dichloropropane
Concen: 8.506 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

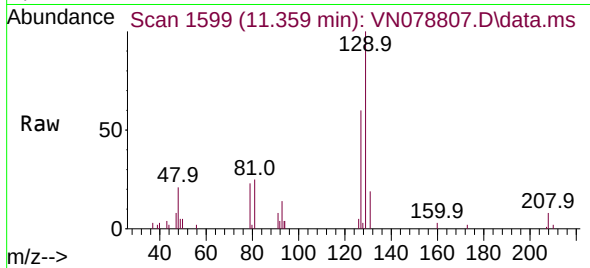
Tgt Ion: 76 Resp: 32171
Ion Ratio Lower Upper
76 100
78 36.5 0.0 66.2





#53
Dibromochloromethane
Concen: 8.426 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

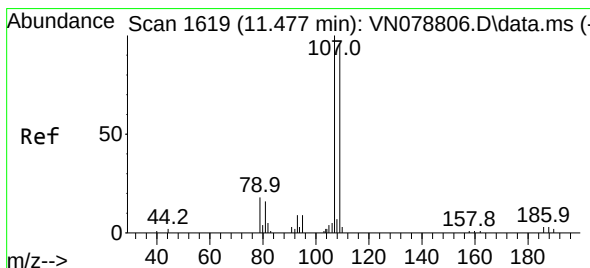
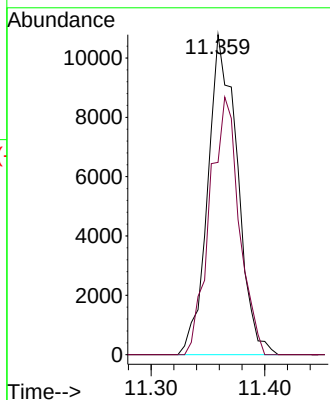
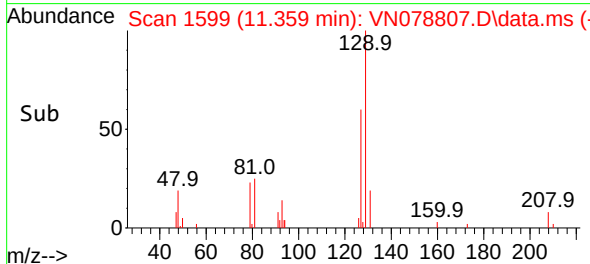
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



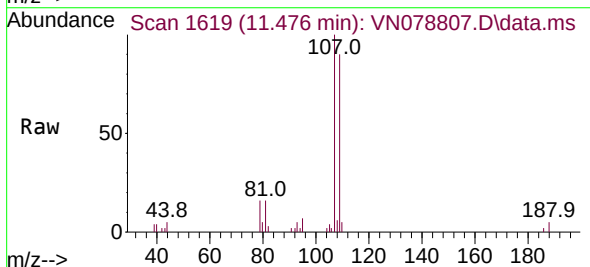
Tgt Ion:129 Resp: 1944
Ion Ratio Lower Upper
129 100
127 80.3 39.4 118.1

Manual Integrations
APPROVED

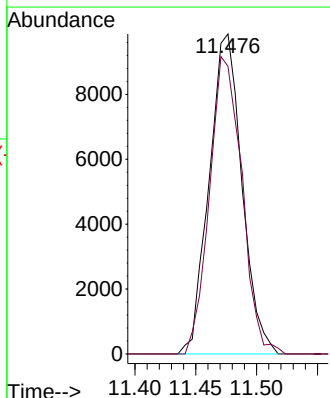
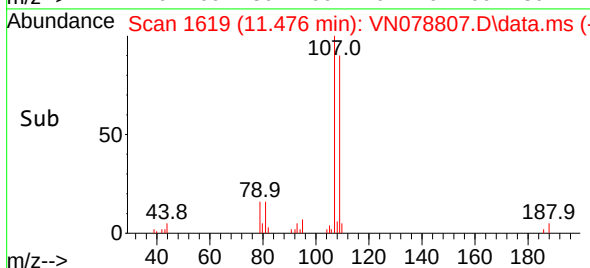
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

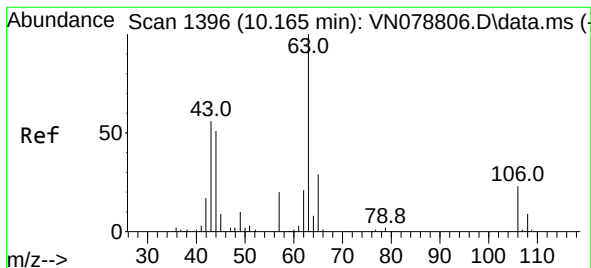


#54
1,2-Dibromoethane
Concen: 8.911 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04



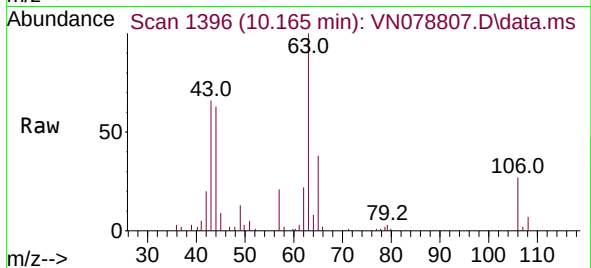
Tgt Ion:107 Resp: 18484
Ion Ratio Lower Upper
107 100
109 90.8 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 54.017 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

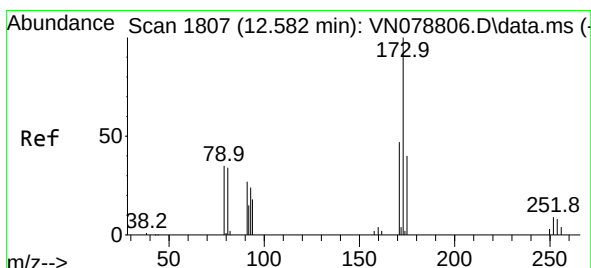
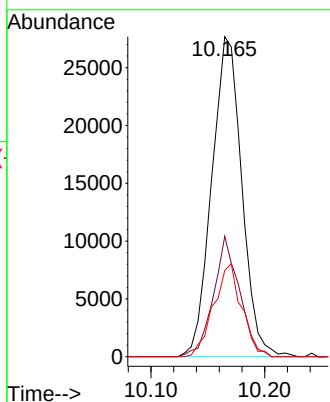
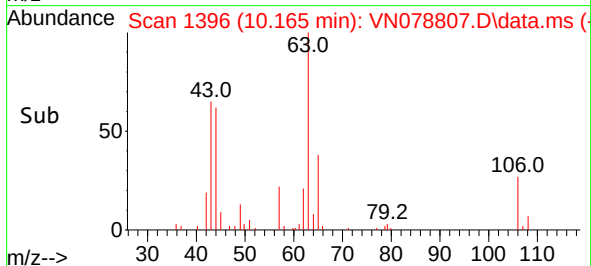
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 63 Resp: 50774
Ion Ratio Lower Upper
63 100
65 32.7 26.3 39.5
106 27.1 23.8 35.6

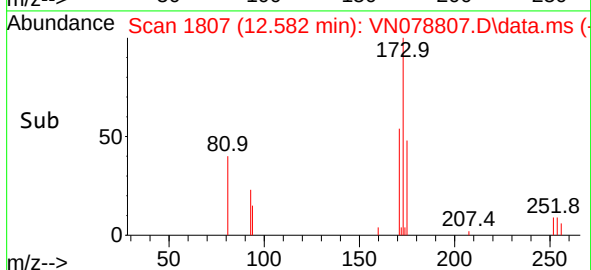
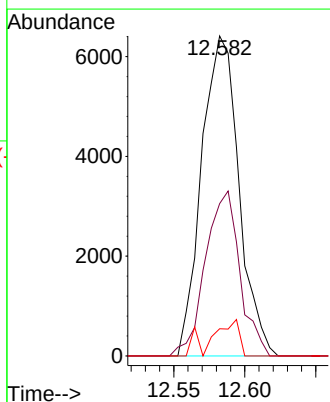
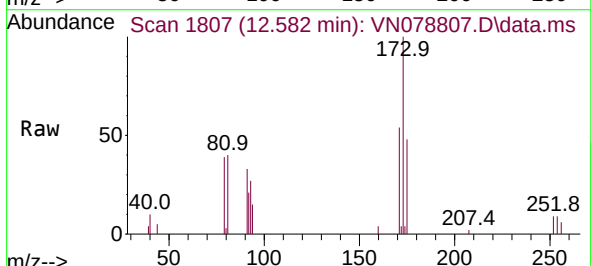
Manual Integrations
APPROVED

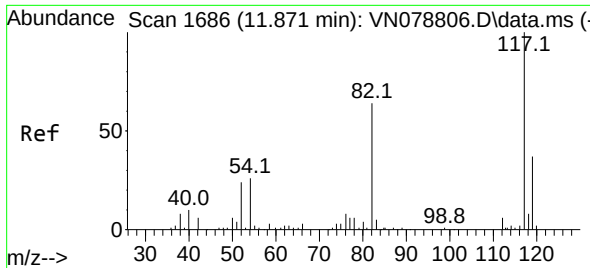
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#56
Bromoform
Concen: 7.644 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

Tgt Ion:173 Resp: 11723
Ion Ratio Lower Upper
173 100
175 47.4 40.7 61.1
254 6.6 6.5 9.7





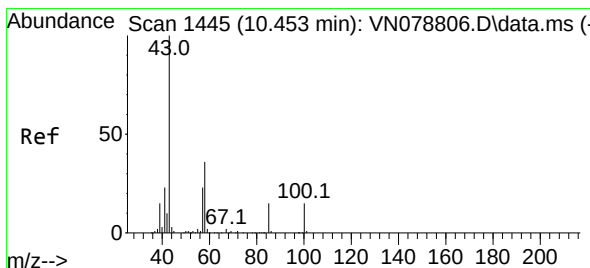
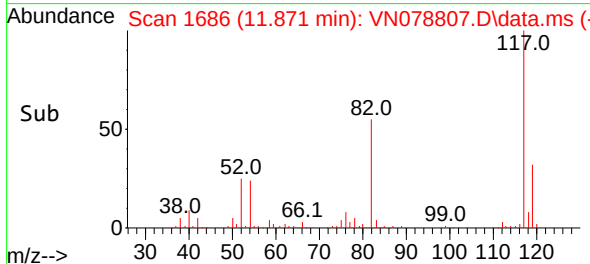
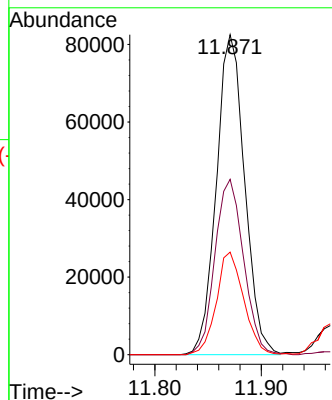
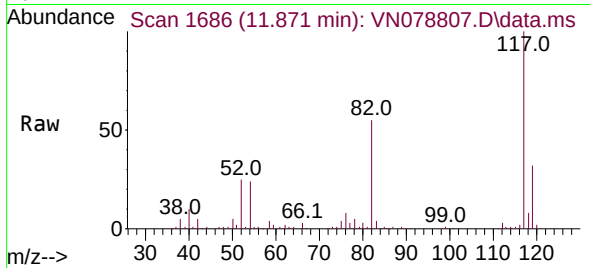
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:117 Resp: 15212
Ion Ratio Lower Upper
117 100
82 55.5 43.9 65.9
119 31.0 26.2 39.4

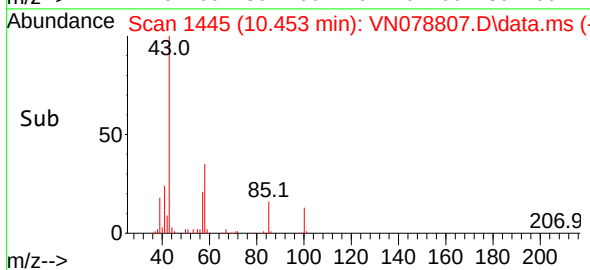
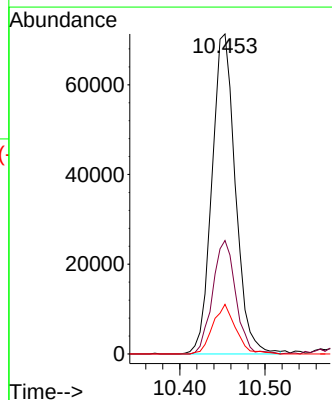
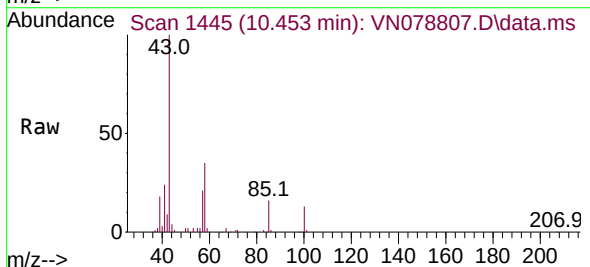
Manual Integrations
APPROVED

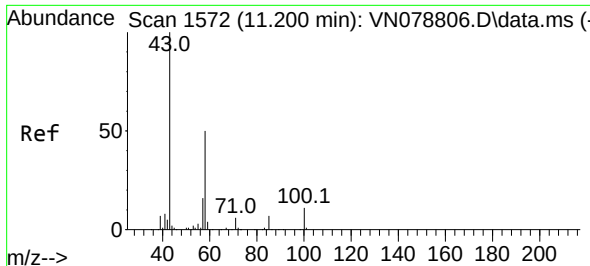
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#58
4-Methyl-2-Pentanone
Concen: 55.433 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

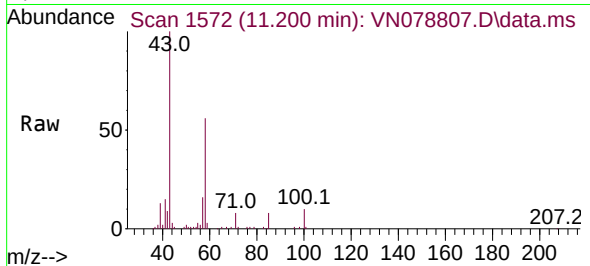
Tgt Ion: 43 Resp: 136793
Ion Ratio Lower Upper
43 100
58 34.6 32.6 48.8
85 14.8 16.2 24.2#





#59
2-Hexanone
Concen: 49.369 ug/l
RT: 11.200 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

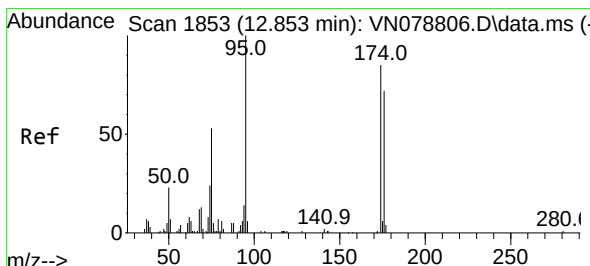
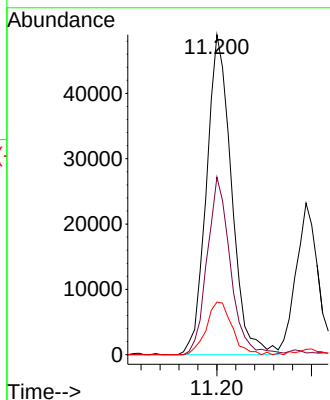
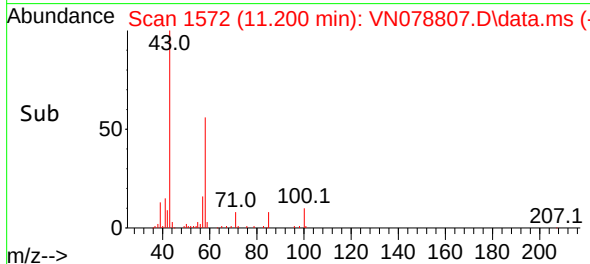
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 90050
Ion Ratio Lower Upper
43 100
58 50.5 45.9 68.9
57 16.7 15.8 23.6

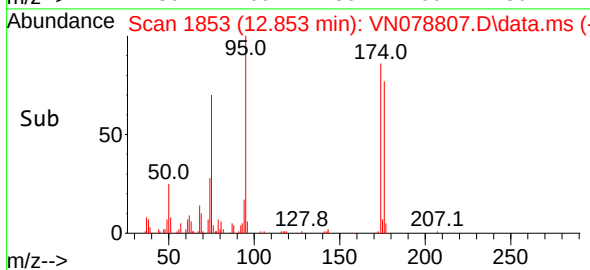
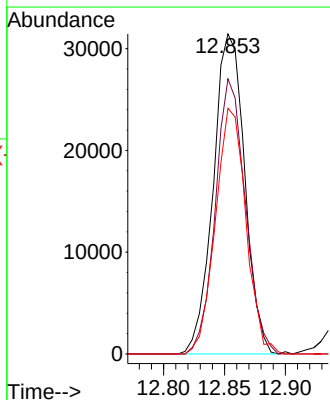
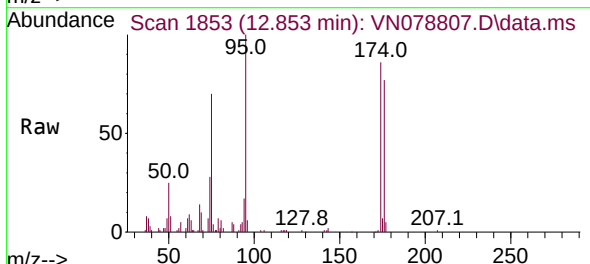
Manual Integrations
APPROVED

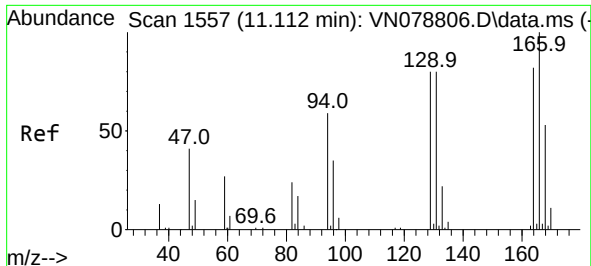
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#60
4-Bromofluorobenzene
Concen: 24.485 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

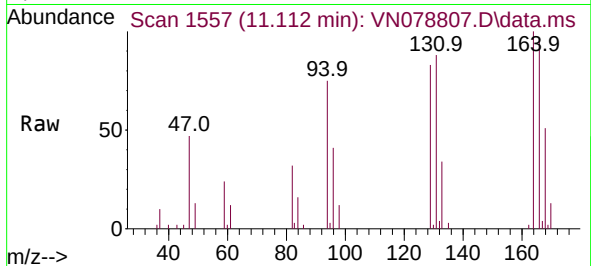
Tgt Ion: 95 Resp: 56436
Ion Ratio Lower Upper
95 100
174 82.0 61.7 92.5
176 74.5 58.1 87.1





#61
Tetrachloroethene
Concen: 8.537 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

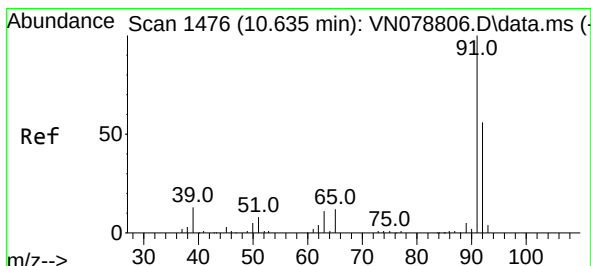
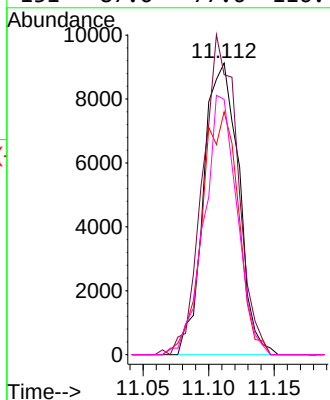
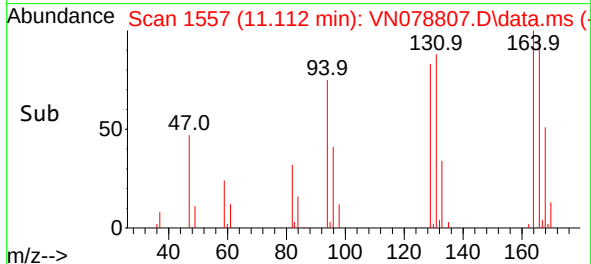
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:164 Resp: 16970
Ion Ratio Lower Upper
164 100
166 96.0 99.1 148.7
129 83.3 85.6 128.4
131 87.6 77.6 116.4

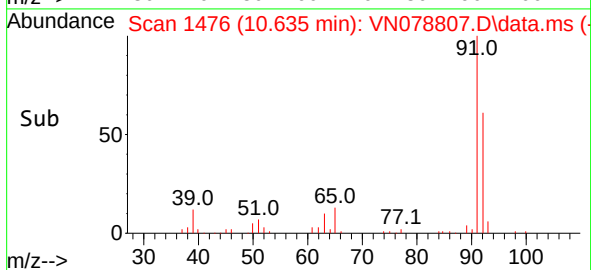
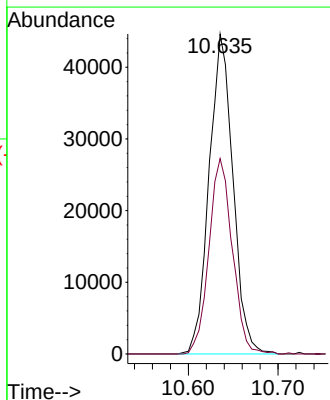
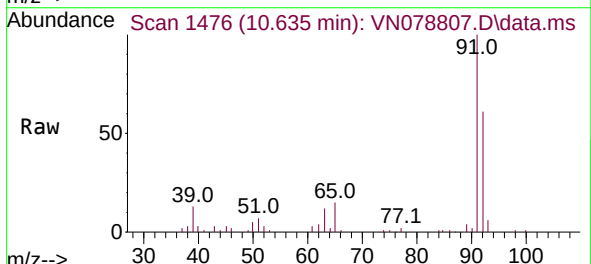
Manual Integrations
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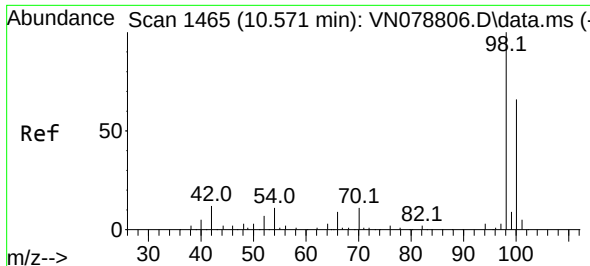
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#62
Toluene
Concen: 8.857 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

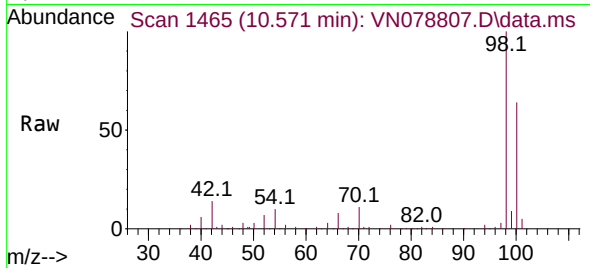
Tgt Ion: 91 Resp: 82407
Ion Ratio Lower Upper
91 100
92 59.8 45.2 67.8





#63
Toluene-d8
Concen: 29.708 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

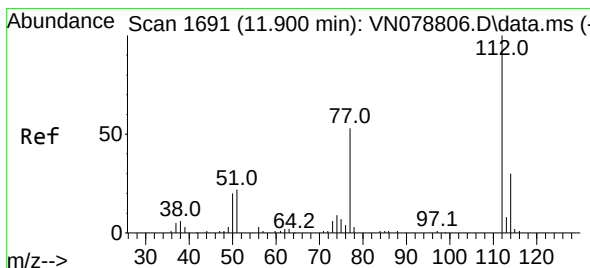
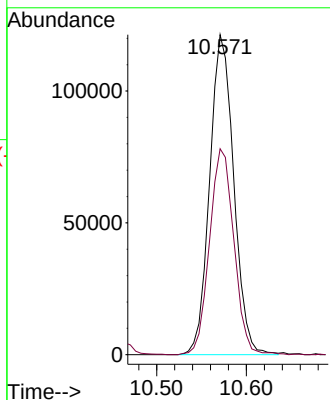
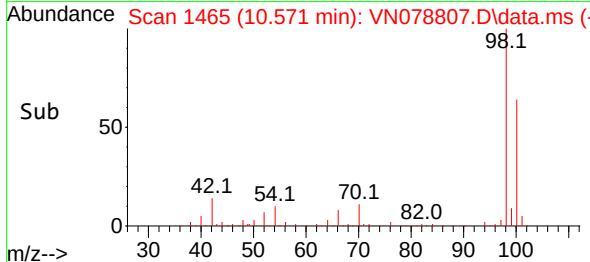
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



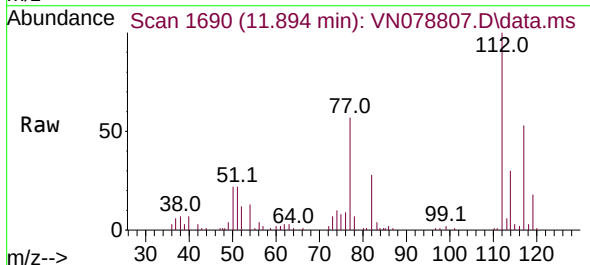
Tgt Ion: 98 Resp: 226259
Ion Ratio Lower Upper
98 100
100 64.9 49.7 74.5

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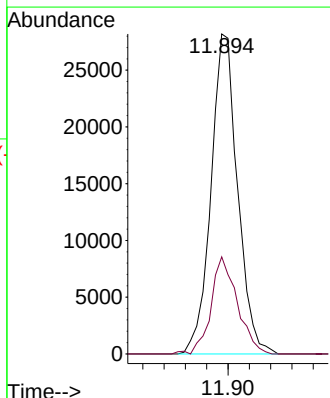
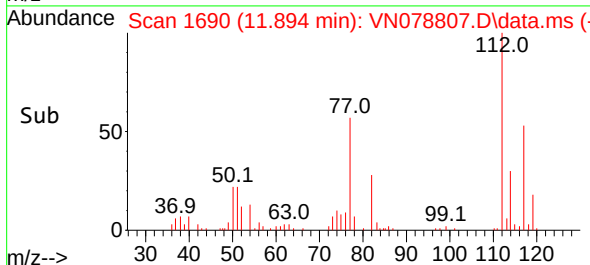
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

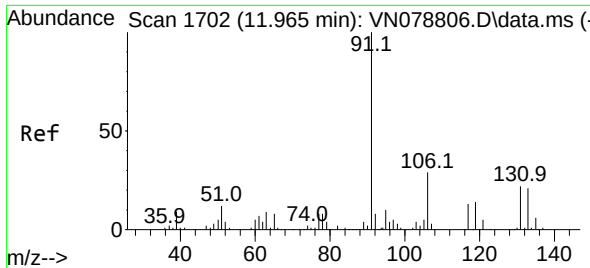


#64
Chlorobenzene
Concen: 9.035 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04



Tgt Ion:112 Resp: 48821
Ion Ratio Lower Upper
112 100
114 30.4 25.9 38.9





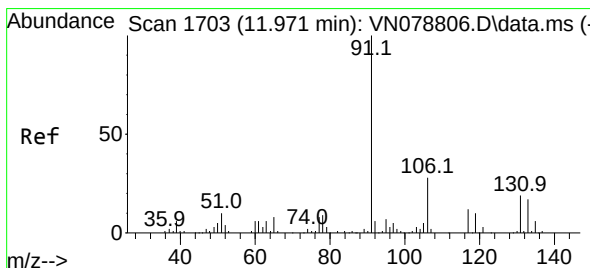
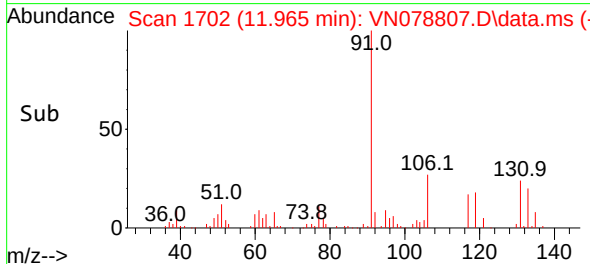
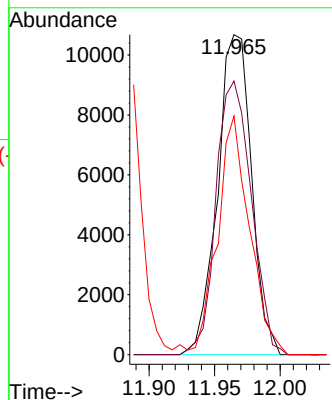
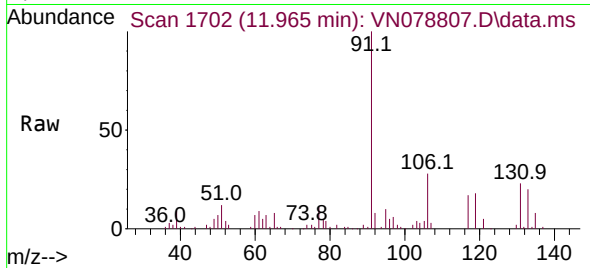
#65
1,1,1,2-Tetrachloroethane
Concen: 9.107 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:131 Resp: 19269
Ion Ratio Lower Upper
131 100
133 89.0 0.0 191.8
119 70.2 0.0 132.0

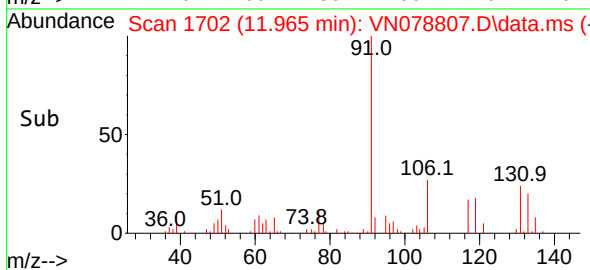
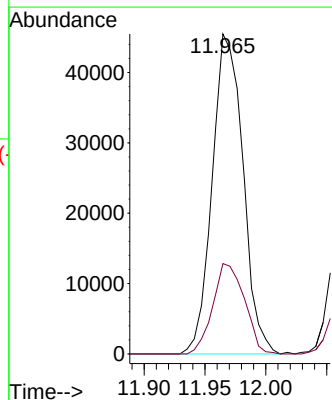
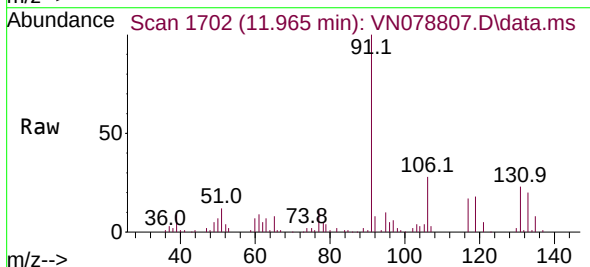
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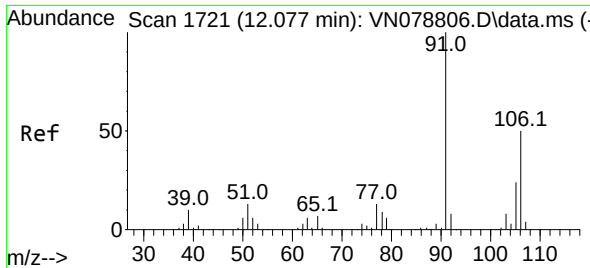
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#66
Ethyl Benzene
Concen: 8.479 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

Tgt Ion: 91 Resp: 79966
Ion Ratio Lower Upper
91 100
106 28.2 25.6 38.4





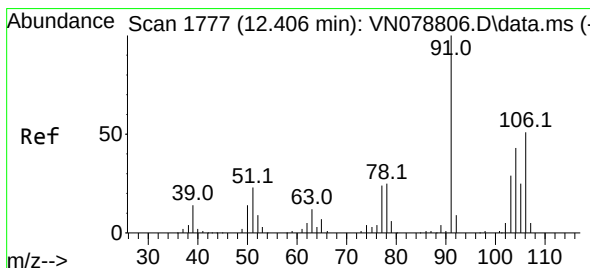
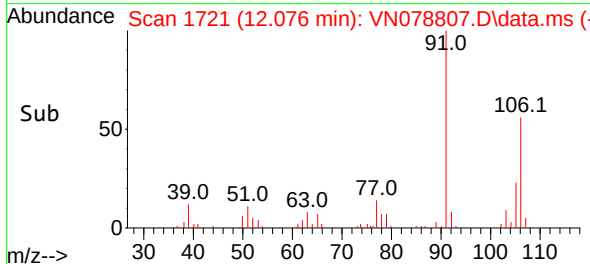
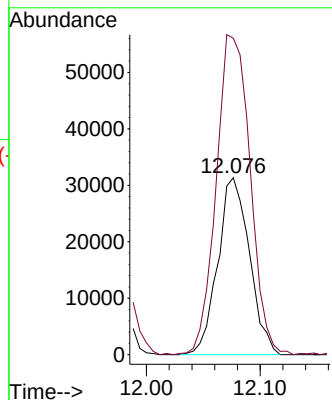
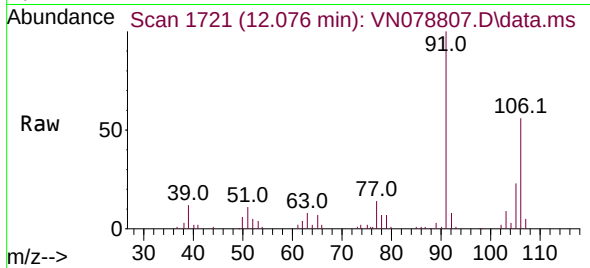
#67
m/p-Xylenes
Concen: 17.045 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 60724
Ion Ratio Lower Upper
106 100
91 193.5 162.5 243.7

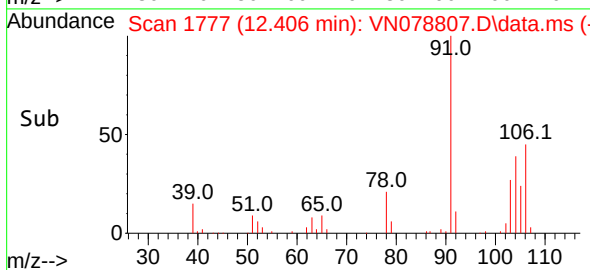
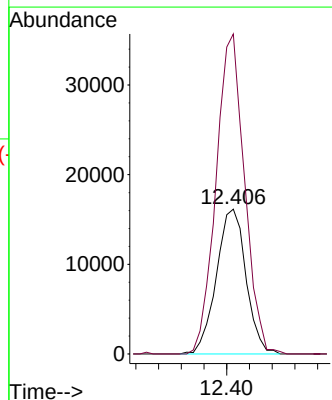
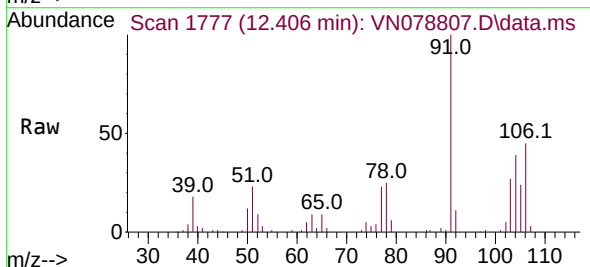
Manual Integrations
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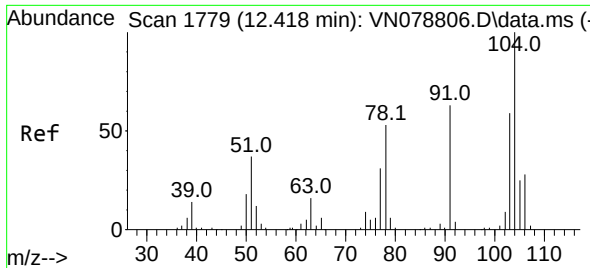
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#68
o-Xylene
Concen: 8.008 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

Tgt Ion:106 Resp: 29217
Ion Ratio Lower Upper
106 100
91 212.4 106.1 318.3





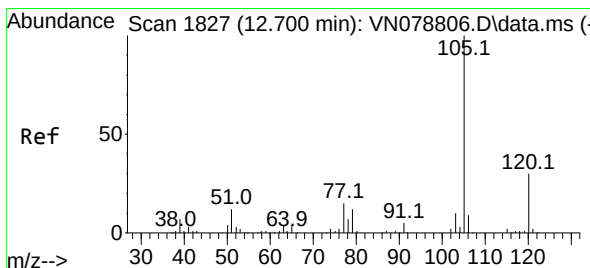
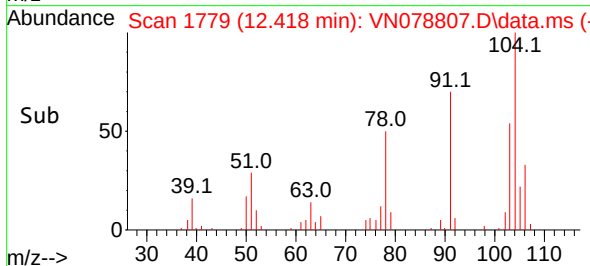
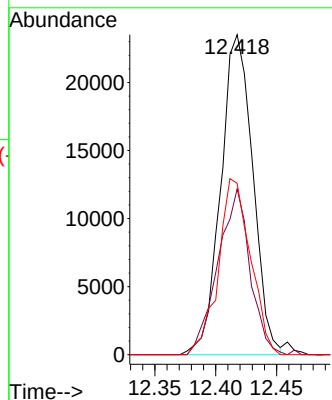
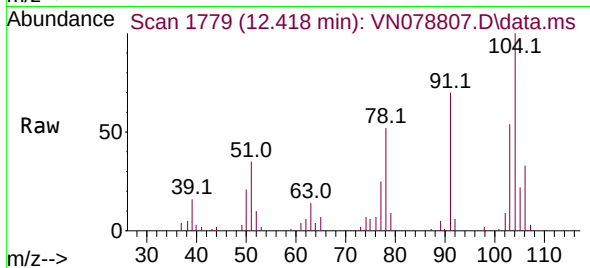
#69
Styrene
Concen: 7.380 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:104 Resp: 4307
Ion Ratio Lower Upper
104 100
78 51.8 40.1 60.1
103 55.1 45.1 67.7

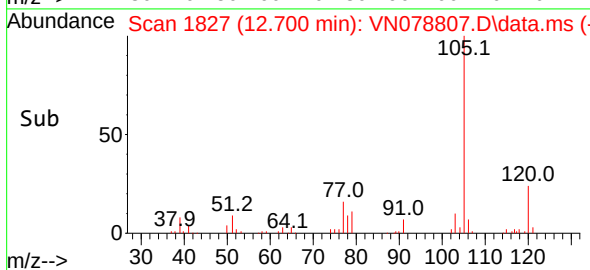
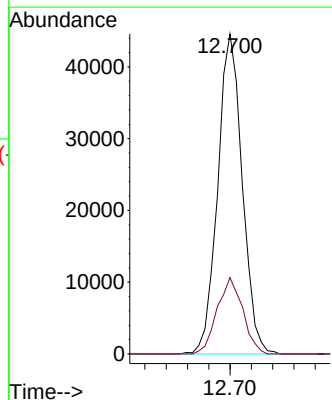
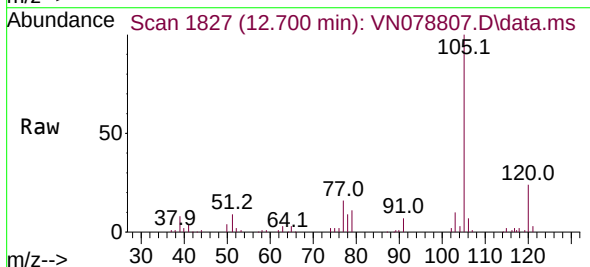
Manual Integrations
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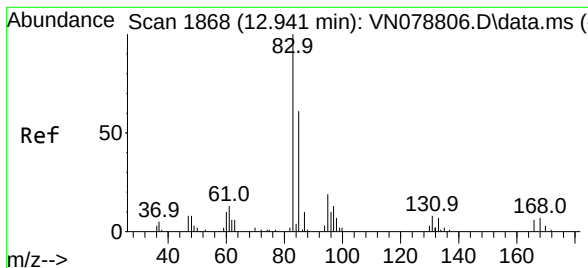
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#70
Isopropylbenzene
Concen: 7.930 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

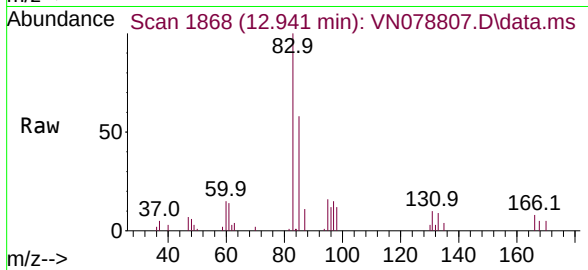
Tgt Ion:105 Resp: 71154
Ion Ratio Lower Upper
105 100
120 25.0 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 8.549 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

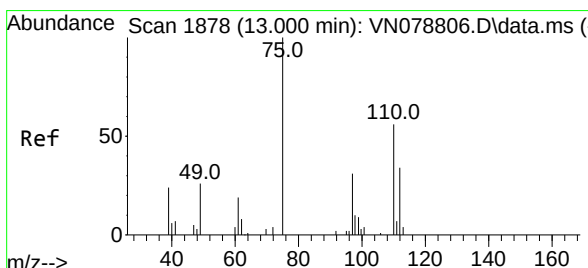
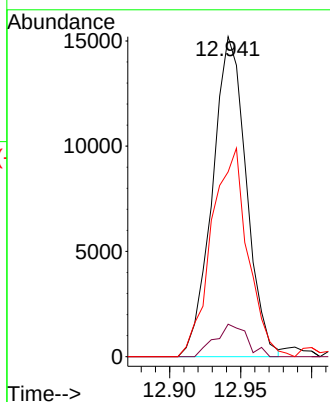
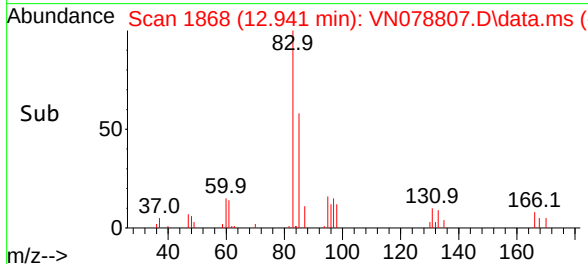
Instrument : MSVOA_N
ClientSampleId : VSTDIC010



Tgt Ion: 83 Resp: 2523
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 69.9 32.6 98.0

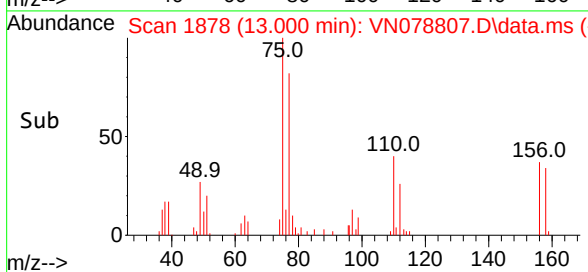
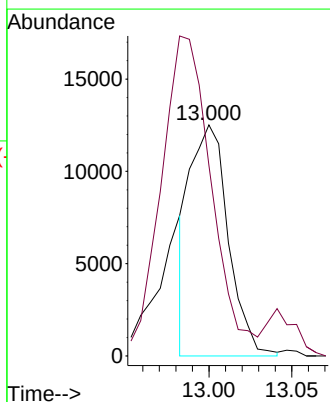
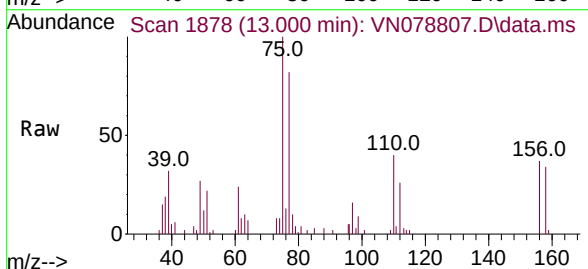
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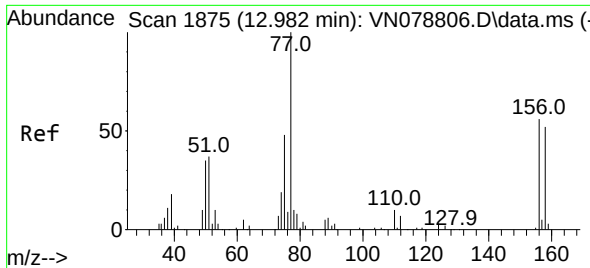
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#72
1,2,3-Trichloropropane
Concen: 8.390 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

Tgt Ion: 75 Resp: 20160
Ion Ratio Lower Upper
75 100
77 181.3 0.0 387.4





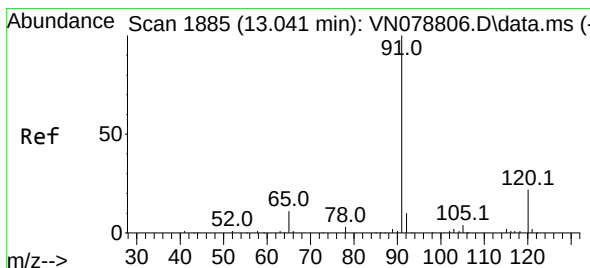
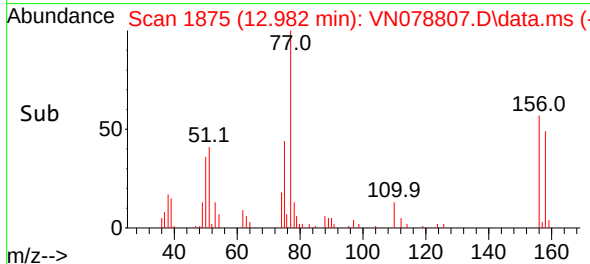
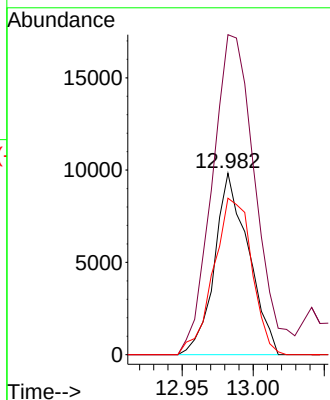
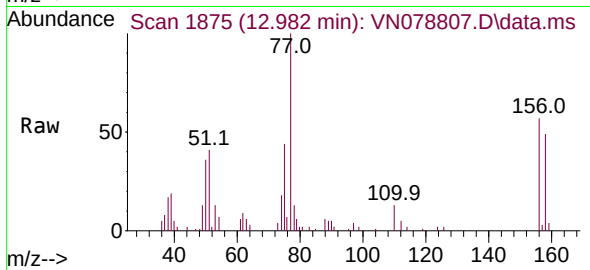
#73
Bromobenzene
Concen: 7.478 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:156 Resp: 16340
Ion Ratio Lower Upper
156 100
77 223.6 0.0 420.8
158 96.9 0.0 193.2

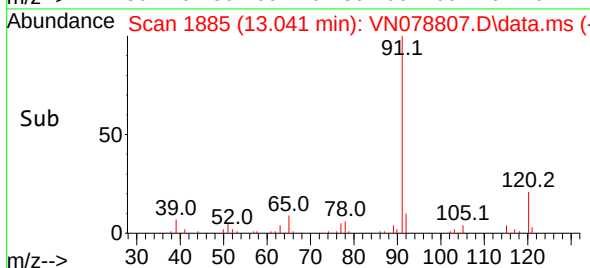
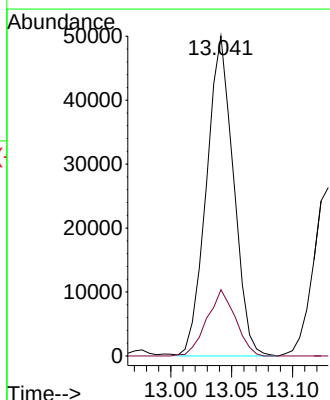
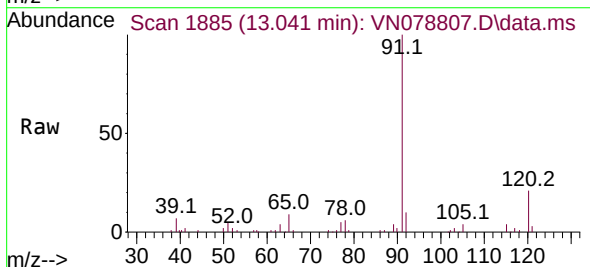
Manual Integrations
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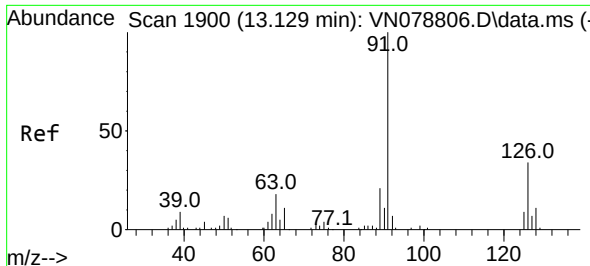
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#74
n-propylbenzene
Concen: 7.709 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

Tgt Ion: 91 Resp: 77343
Ion Ratio Lower Upper
91 100
120 21.9 0.0 44.6





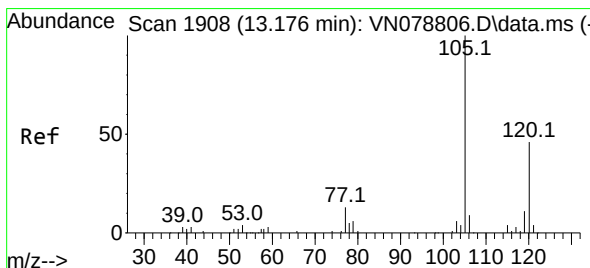
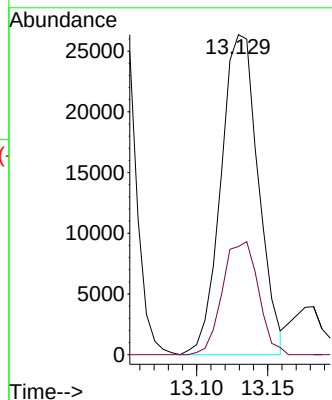
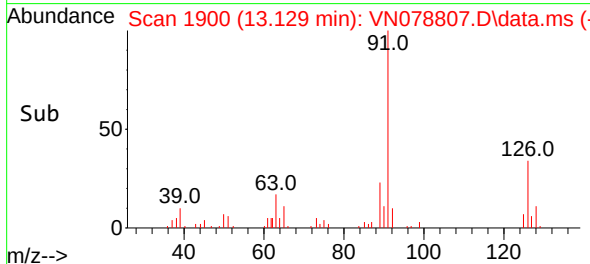
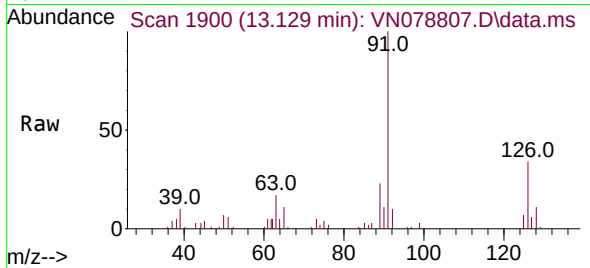
#75
2-Chlorotoluene
Concen: 7.007 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 4832
Ion Ratio Lower Upper
91 100
126 33.9 0.0 67.2

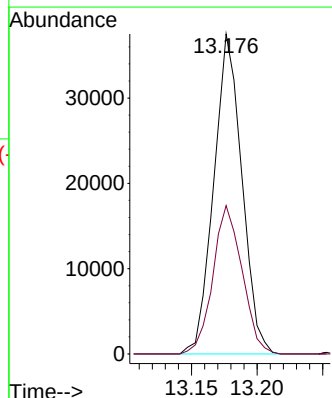
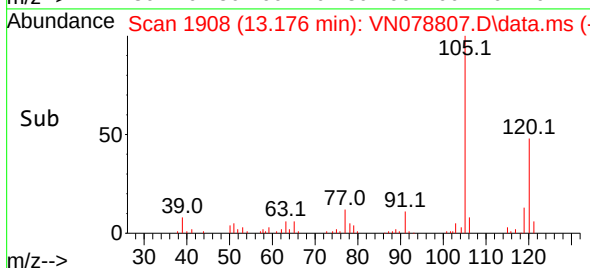
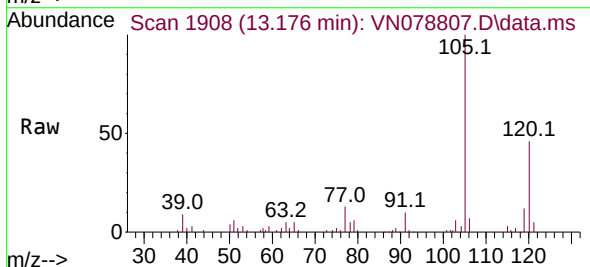
Manual Integrations
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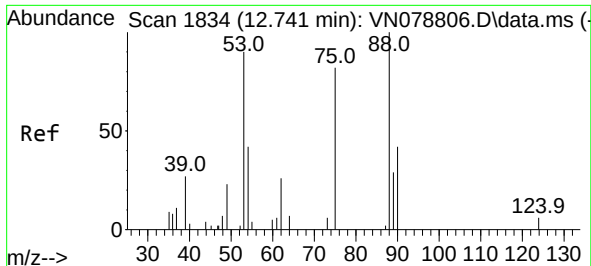
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 6.970 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

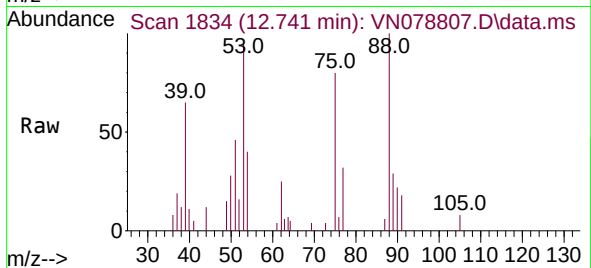
Tgt Ion:105 Resp: 55895
Ion Ratio Lower Upper
105 100
120 48.1 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 6.883 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

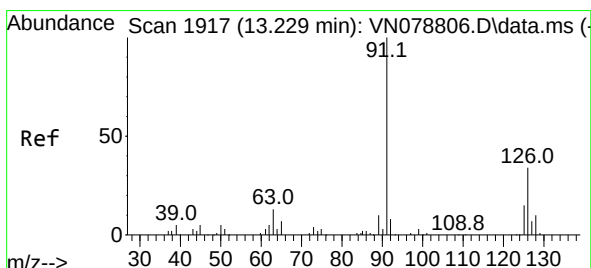
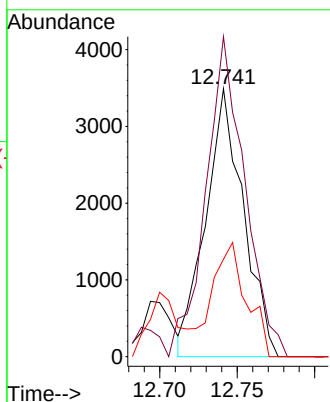
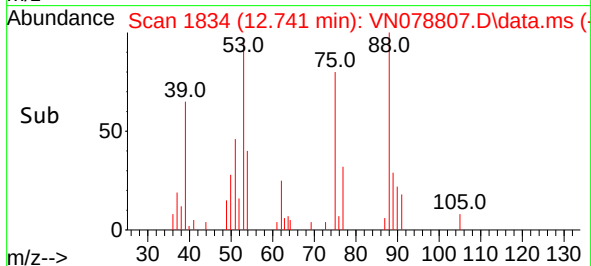
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



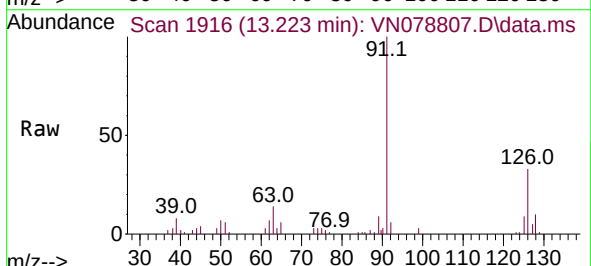
Tgt Ion: 75 Resp: 5904
Ion Ratio Lower Upper
75 100
53 111.2 41.6 124.9
89 36.4 25.1 75.4

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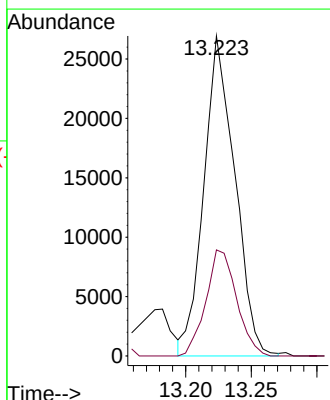
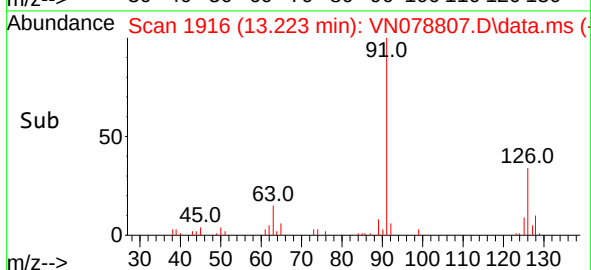
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

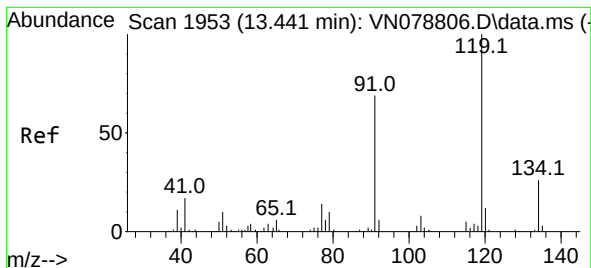


#78
4-Chlorotoluene
Concen: 6.723 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04



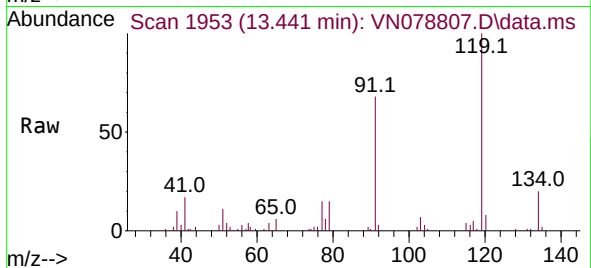
Tgt Ion: 91 Resp: 44192
Ion Ratio Lower Upper
91 100
126 32.9 0.0 68.8





#79
tert-butylbenzene
Concen: 6.713 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

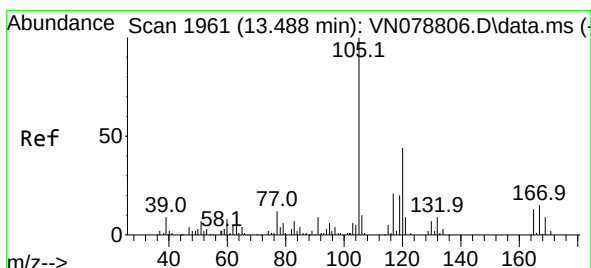
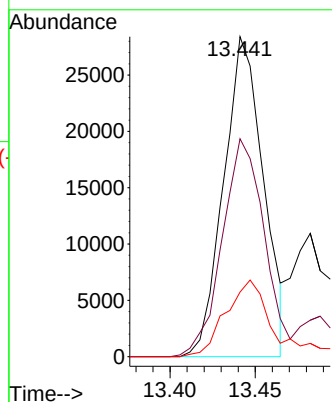
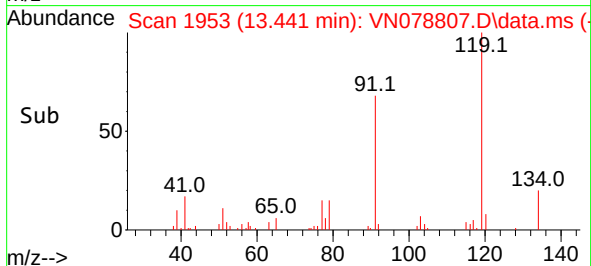
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



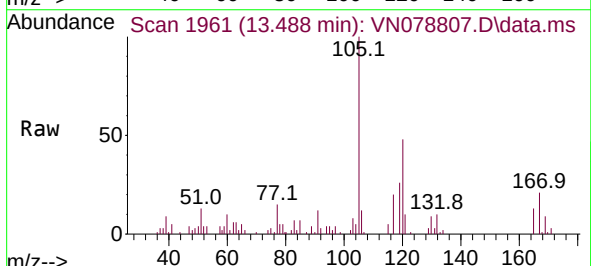
Tgt Ion:119 Resp: 4613
Ion Ratio Lower Upper
119 100
91 71.9 0.0 126.6
134 28.6 0.0 44.0

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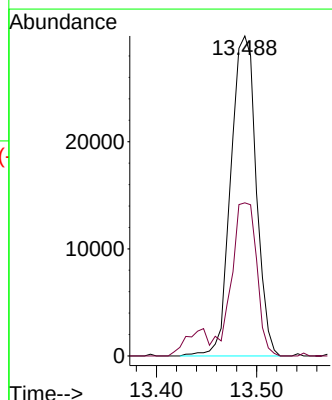
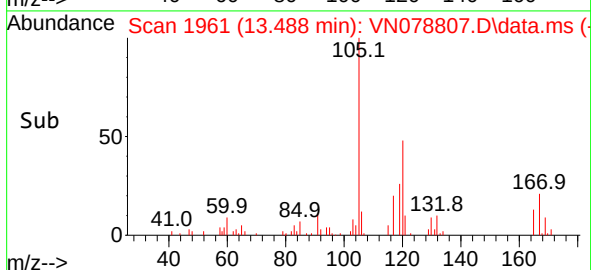
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

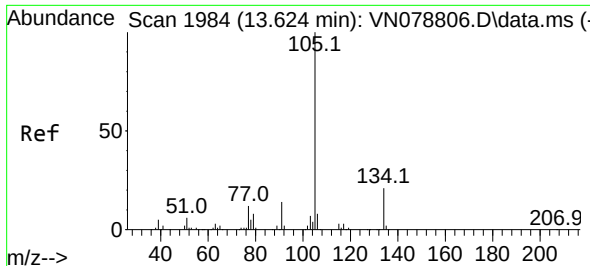


#80
1,2,4-Trimethylbenzene
Concen: 6.913 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04



Tgt Ion:105 Resp: 52603
Ion Ratio Lower Upper
105 100
120 45.6 0.0 88.2





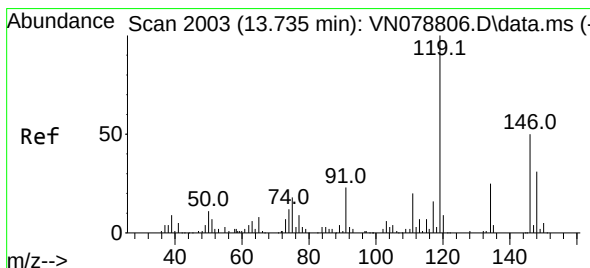
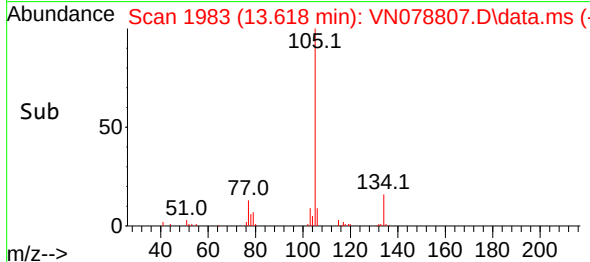
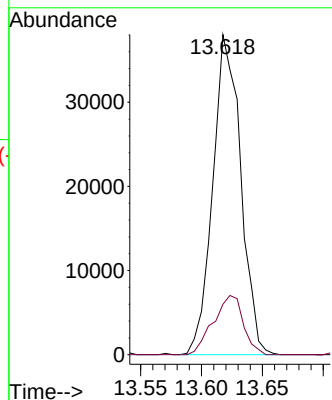
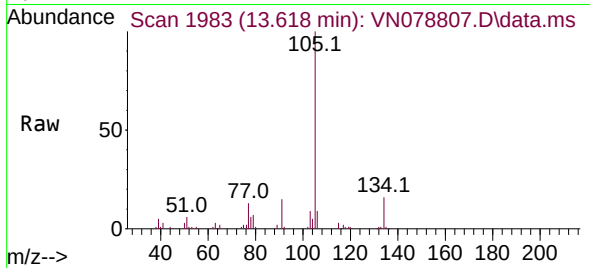
#81
 sec-Butylbenzene
 Concen: 6.829 ug/l
 RT: 13.618 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN078807.D
 Acq: 08 Aug 2023 19:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 60720
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 38.6

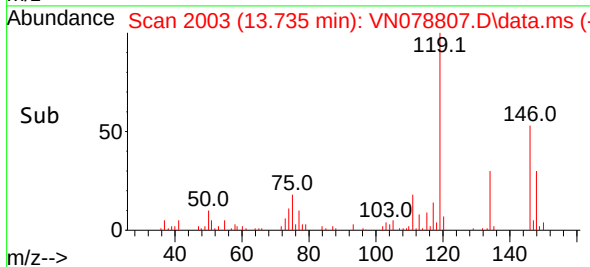
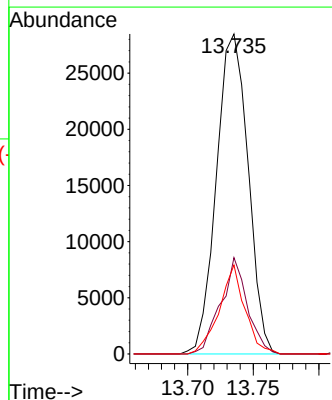
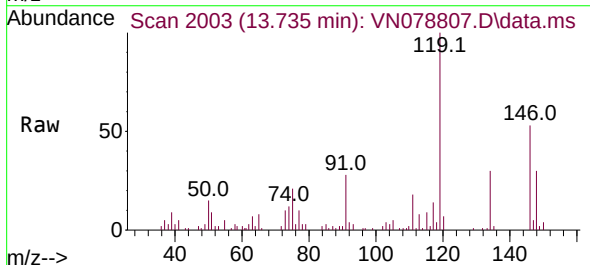
Manual Integrations
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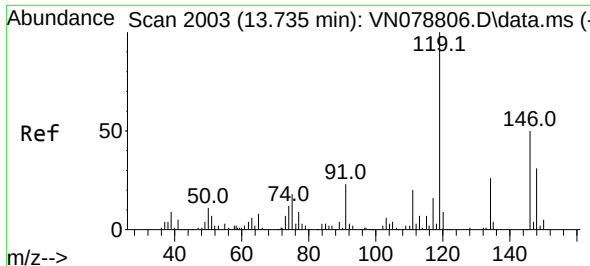
Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023



#82
 p-Isopropyltoluene
 Concen: 6.667 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078807.D
 Acq: 08 Aug 2023 19:04

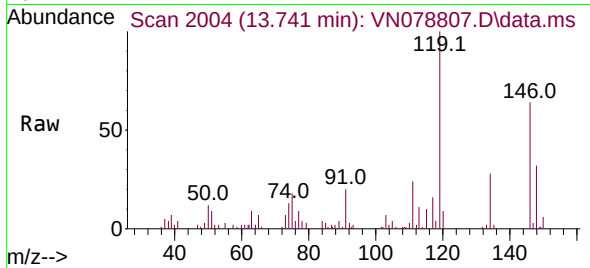
Tgt Ion:119 Resp: 47809
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 52.4
 91 22.6 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 6.336 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

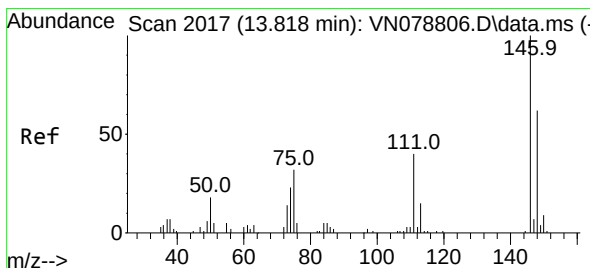
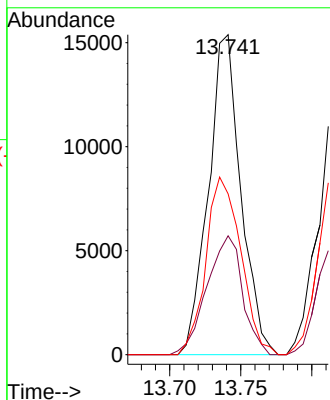
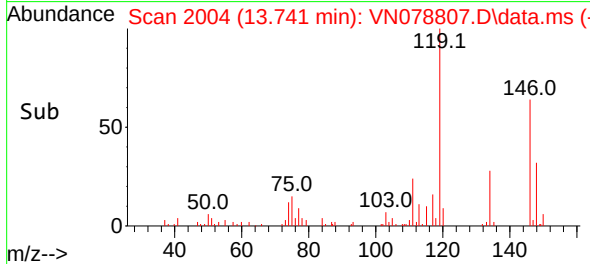
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:146 Resp: 2440
Ion Ratio Lower Upper
146 100
111 40.9 21.6 64.6
148 59.8 31.9 95.5

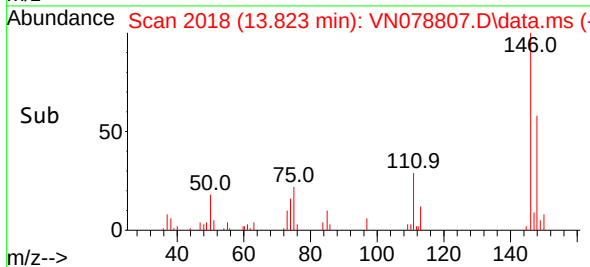
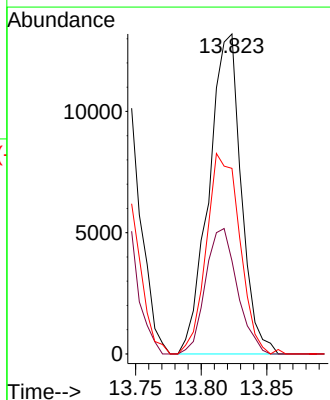
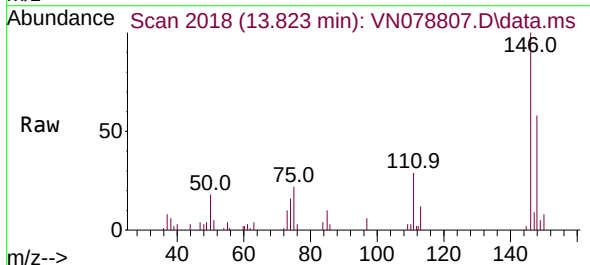
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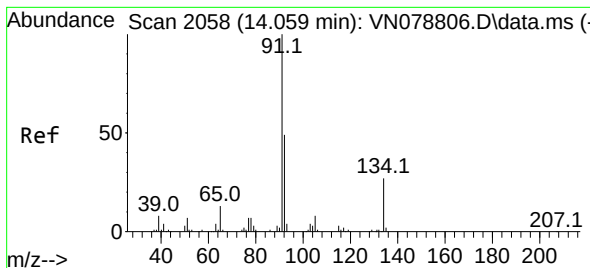
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#84
1,4-Dichlorobenzene
Concen: 6.247 ug/l
RT: 13.823 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

Tgt Ion:146 Resp: 22575
Ion Ratio Lower Upper
146 100
111 38.6 19.4 58.2
148 64.4 31.4 94.3





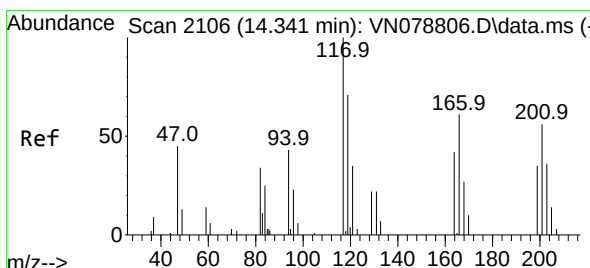
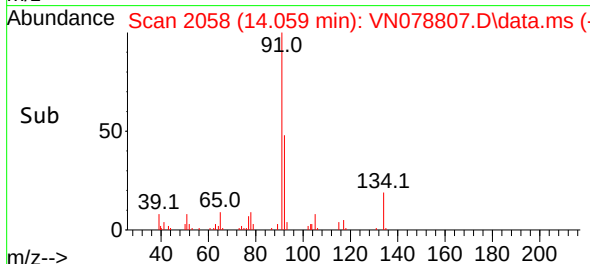
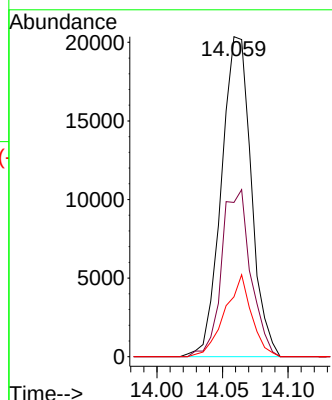
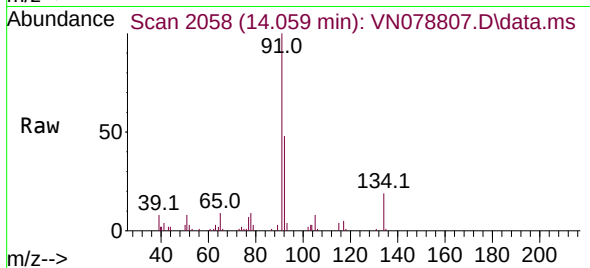
#85
n-Butylbenzene
Concen: 6.451 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 32215
Ion Ratio Lower Upper
91 100
92 50.7 0.0 99.6
134 23.0 0.0 50.0

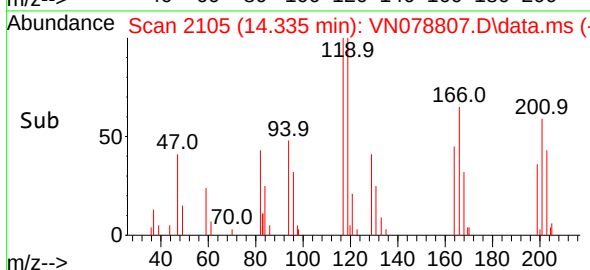
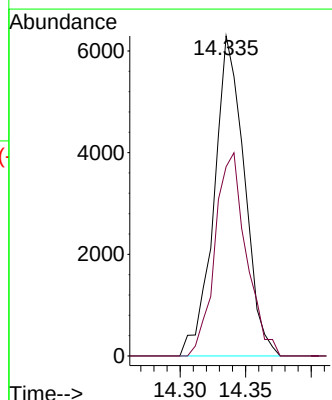
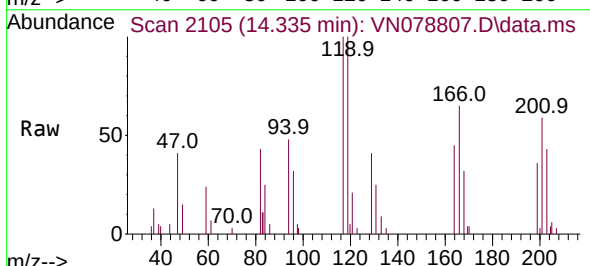
Manual Integrations
APPROVED

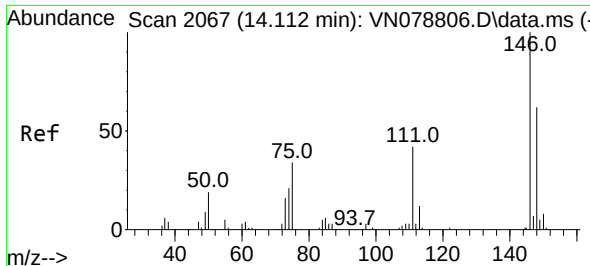
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#86
Hexachloroethane
Concen: 7.623 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

Tgt Ion:117 Resp: 10117
Ion Ratio Lower Upper
117 100
201 65.5 34.2 102.6





#87

1,2-Dichlorobenzene

Concen: 6.894 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078807.D

Acq: 08 Aug 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:146 Resp: 25010

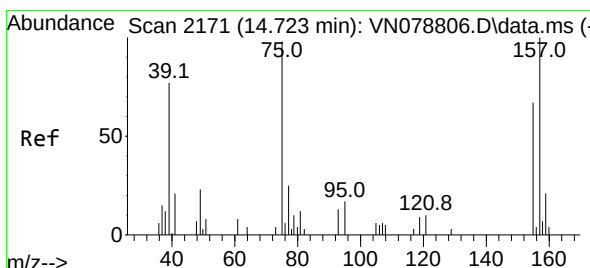
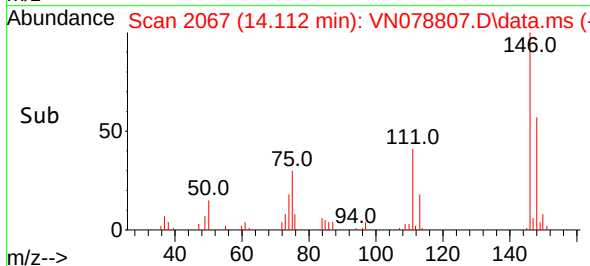
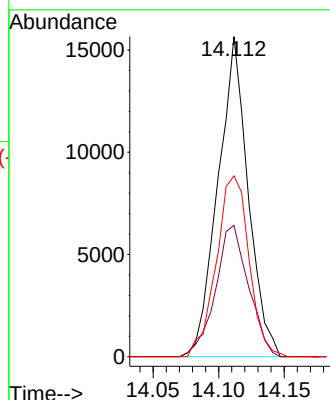
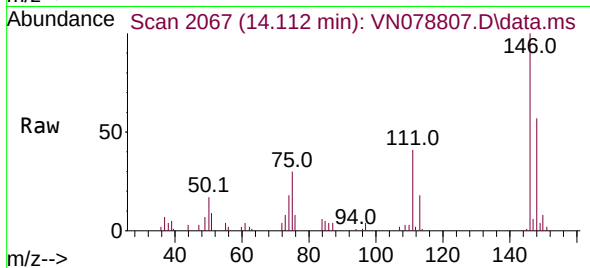
Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.4	67.3
148	61.3	33.4	100.1

Manual Integrations

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Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 7.031 ug/l

RT: 14.723 min Scan# 2171

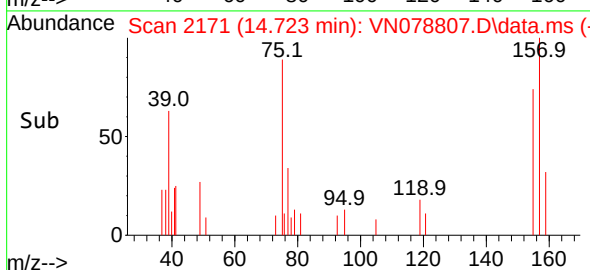
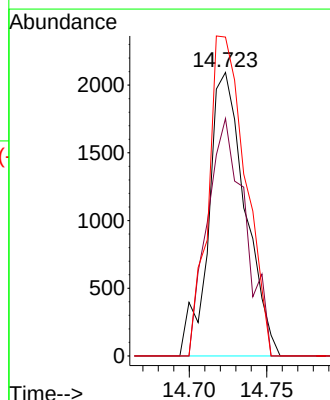
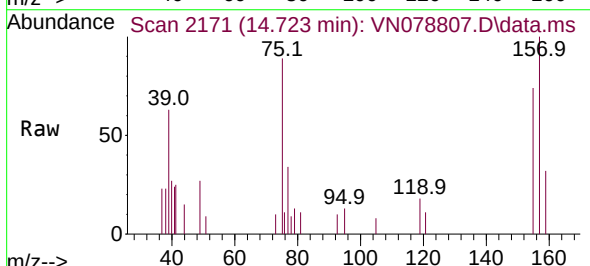
Delta R.T. -0.000 min

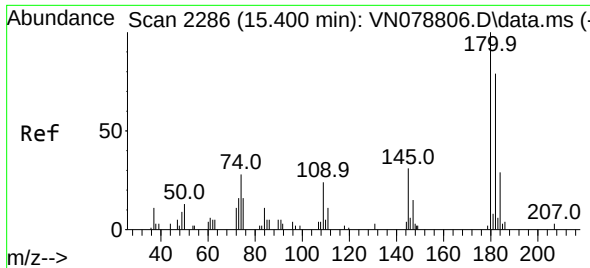
Lab File: VN078807.D

Acq: 08 Aug 2023 19:04

Tgt Ion: 75 Resp: 3441

Ion	Ratio	Lower	Upper
75	100		
155	86.4	68.2	102.2
157	114.6	84.7	127.1





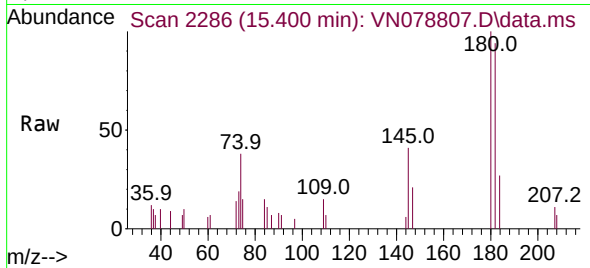
#89
1,2,4-Trichlorobenzene
Concen: 5.409 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

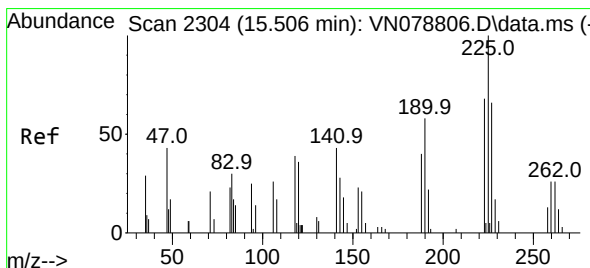
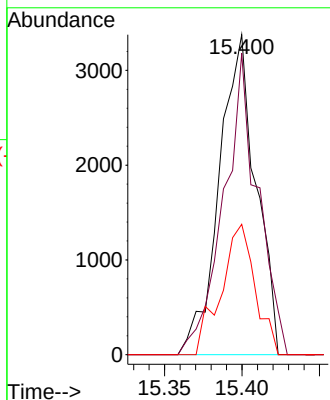
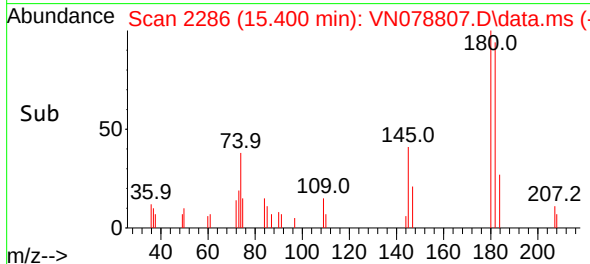


Tgt Ion:180 Resp: 555
Ion Ratio Lower Upper
180 100
182 87.5 73.7 110.5
145 37.9 25.0 37.6

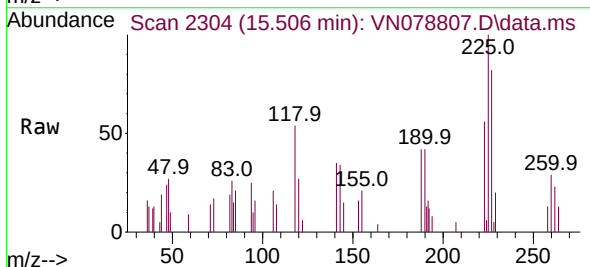
Manual Integrations

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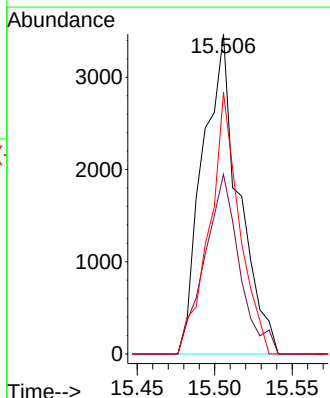
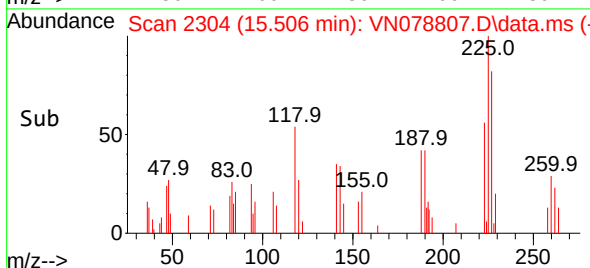
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

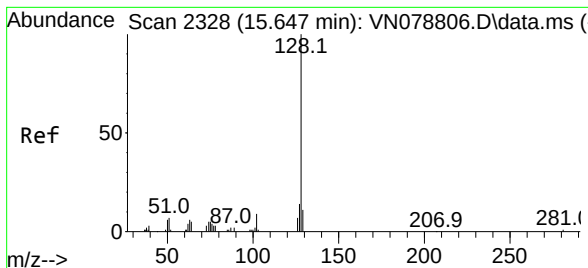


#90
Hexachlorobutadiene
Concen: 7.286 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04



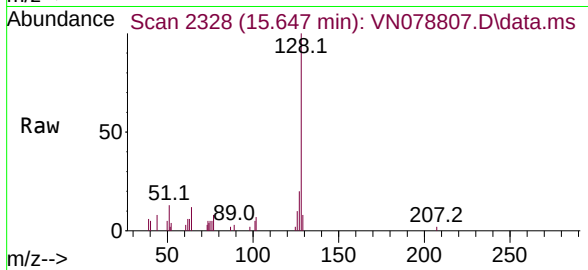
Tgt Ion:225 Resp: 5624
Ion Ratio Lower Upper
225 100
223 53.8 0.0 130.0
227 67.7 0.0 124.0





#91
Naphthalene
Concen: 5.562 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04

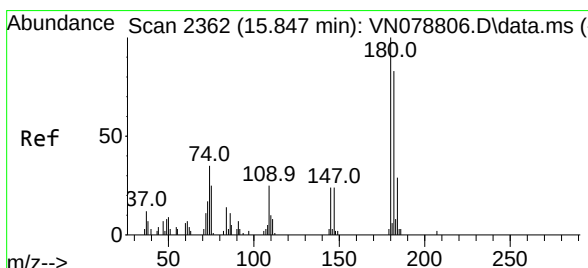
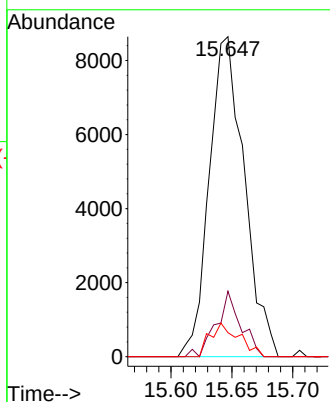
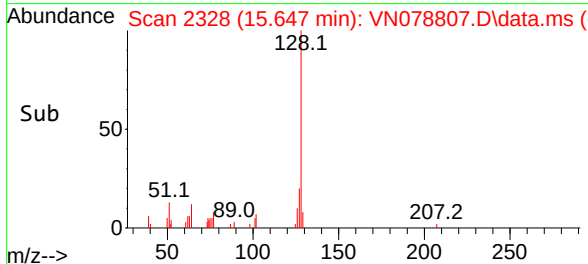
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



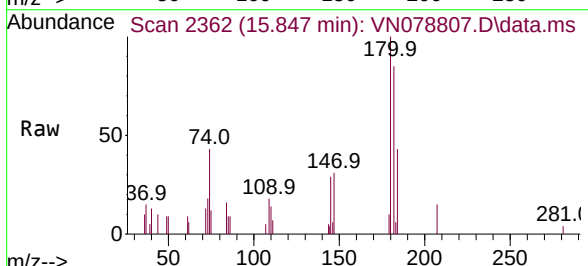
Tgt Ion:128 Resp: 17280
Ion Ratio Lower Upper
128 100
127 13.9 10.2 15.2
129 6.6 9.0 13.4

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



#92
1,2,3-Trichlorobenzene
Concen: 6.429 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078807.D
Acq: 08 Aug 2023 19:04



Tgt Ion:180 Resp: 7523
Ion Ratio Lower Upper
180 100
182 61.1 0.0 196.4
145 32.6 0.0 71.0

