

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
 Data File : VN078808.D
 Acq On : 08 Aug 2023 19:28
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 09 04:41:48 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	30479	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	171362	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	144298	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	76796	32.805	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 109.367%			
60) 4-Bromofluorobenzene	12.853	95	54065	24.728	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 82.433%			
63) Toluene-d8	10.571	98	218426	30.234	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.767%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	12038	5.940	ug/l	85
3) Chloromethane	2.371	50	13322	5.508	ug/l	89
4) Vinyl Chloride	2.524	62	12268	3.966	ug/l #	82
5) Bromomethane	2.965	94	10886	4.690	ug/l	90
6) Chloroethane	3.130	64	9909m	4.791	ug/l	
7) Trichlorofluoromethane	3.500	101	17477	5.166	ug/l	93
8) Diethyl Ether	3.965	74	6246m	5.557	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.383	101	8879	4.849	ug/l #	31
10) 1,1-Dichloroethene	4.347	96	8862	5.110	ug/l	88
11) Methyl Iodide	4.600	142	11439m	4.702	ug/l	
12) Methyl Acetate	5.041	43	19819	6.526	ug/l	100
13) Acrolein	4.194	56	10859m	34.332	ug/l	
14) Acrylonitrile	5.741	53	24804m	28.563	ug/l	
15) Acetone	4.447	58	6688m	27.292	ug/l	
16) Carbon Disulfide	4.724	76	25614	5.183	ug/l	99
17) Allyl chloride	5.041	41	16743	6.888	ug/l	88
18) Methylene Chloride	5.300	84	11745m	5.570	ug/l	
19) trans-1,2-Dichloroethene	5.806	96	10143m	5.041	ug/l	
20) Diisopropyl ether	6.688	45	33309	5.913	ug/l #	87
21) 1,1-Dichloroethane	6.577	63	20202	5.589	ug/l	95
22) cis-1,2-Dichloroethene	7.488	96	10541	5.190	ug/l	85
23) tert-Butyl Alcohol	5.536	59	10670m	31.085	ug/l	
24) Methyl tert-Butyl Ether	5.806	73	28428	4.867	ug/l #	84
25) Chloroform	7.977	83	19328m	5.137	ug/l	
26) Cyclohexane	8.265	56	15980	6.043	ug/l #	45
29) 1,1-Dichloropropene	8.371	75	13448	5.131	ug/l	100
30) 2-Butanone	7.494	43	34670	32.096	ug/l #	90
31) 2,2-Dichloropropane	7.488	77	14249m	4.871	ug/l	
32) 1,1,1-Trichloroethane	8.171	97	17707	5.498	ug/l	93
33) Carbon Tetrachloride	8.365	117	14140	4.910	ug/l #	79
34) Benzene	8.612	78	44223	5.642	ug/l #	90
35) Methacrylonitrile	7.782	41	8120	6.720	ug/l	68
36) 1,2-Dichloroethane	8.677	62	15820	5.777	ug/l	97
37) Trichloroethene	9.359	130	11062	5.139	ug/l	95
38) Methylcyclohexane	9.606	83	12711	4.753	ug/l	91
39) 1,2-Dichloropropane	9.624	63	11298	5.322	ug/l #	85
40) Dibromomethane	9.712	93	7611	5.295	ug/l	99
41) Bromodichloromethane	9.894	83	15157	5.240	ug/l #	83
42) Vinyl Acetate	6.618	43	102791	29.643	ug/l	95

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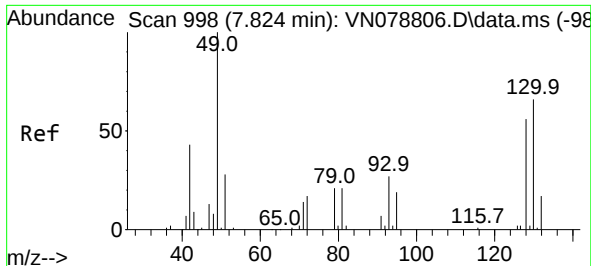
Manual Integrations
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 Supervised By : Semsettin Yesilyurt 08/09/2023

Quant Time: Aug 09 04:41:48 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.577	43	14193	6.242	ug/l #	87
44) Isopropyl Acetate	8.700	43	29716m	7.612	ug/l	
45) 1,4-Dioxane	9.700	88	3030m	87.002	ug/l	
46) Methyl methacrylate	9.688	41	9381	5.258	ug/l	81
47) n-amyl Acetate	12.500	43	15003	4.992	ug/l	90
48) t-1,3-Dichloropropene	10.841	75	14267	4.713	ug/l	89
49) cis-1,3-Dichloropropene	10.318	75	16211	4.939	ug/l #	84
50) 1,1,2-Trichloroethane	11.023	97	10371	5.187	ug/l	88
51) Ethyl methacrylate	10.876	69	13163	4.783	ug/l #	79
52) 1,3-Dichloropropane	11.171	76	17653	4.856	ug/l	96
53) Dibromochloromethane	11.370	129	10488	4.728	ug/l	92
54) 1,2-Dibromoethane	11.470	107	9898	4.964	ug/l	96
55) 2-Chloroethyl vinyl ether	10.165	63	21829	24.159	ug/l	96
56) Bromoform	12.582	173	5912	4.010	ug/l #	90
58) 4-Methyl-2-Pentanone	10.453	43	69140	29.537	ug/l #	92
59) 2-Hexanone	11.206	43	46961	27.141	ug/l	90
61) Tetrachloroethene	11.112	164	8901	4.721	ug/l #	79
62) Toluene	10.635	91	42462	4.811	ug/l	91
64) Chlorobenzene	11.894	112	24756	4.830	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.970	131	9747	4.857	ug/l	96
66) Ethyl Benzene	11.970	91	41996	4.695	ug/l	98
67) m/p-Xylenes	12.076	106	28868	8.543	ug/l	92
68) o-Xylene	12.400	106	15278	4.415	ug/l	92
69) Styrene	12.423	104	20160	3.642	ug/l	88
70) Isopropylbenzene	12.700	105	36204	4.253	ug/l	95
71) 1,1,2,2-Tetrachloroethane	12.941	83	14170	5.062	ug/l	96
72) 1,2,3-Trichloropropane	12.994	75	12765m	5.600	ug/l	
73) Bromobenzene	12.982	156	9897	4.775	ug/l	90
74) n-propylbenzene	13.041	91	37042	3.892	ug/l	96
75) 2-Chlorotoluene	13.129	91	25879	3.956	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	27375	3.599	ug/l	99
77) t-1,4-Dichloro-2-butene	12.747	75	3283	4.035	ug/l	77
78) 4-Chlorotoluene	13.223	91	20802	3.336	ug/l	97
79) tert-butylbenzene	13.441	119	22046	3.382	ug/l	86
80) 1,2,4-Trimethylbenzene	13.488	105	24272	3.363	ug/l	94
81) sec-Butylbenzene	13.623	105	29472	3.494	ug/l	99
82) p-Isopropyltoluene	13.735	119	21263	3.126	ug/l	95
83) 1,3-Dichlorobenzene	13.741	146	11482	3.142	ug/l	96
84) 1,4-Dichlorobenzene	13.817	146	11041	3.221	ug/l	98
85) n-Butylbenzene	14.059	91	15740	3.323	ug/l	96
86) Hexachloroethane	14.335	117	5463	4.340	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	11606	3.372	ug/l	94
88) 1,2-Dibromo-3-Chloropr...	14.729	75	1763	3.798	ug/l #	78
89) 1,2,4-Trichlorobenzene	15.400	180	2433	2.499	ug/l #	59
90) Hexachlorobutadiene	15.511	225	2957	4.039	ug/l	82
91) Naphthalene	15.647	128	8068	2.737	ug/l #	90
92) 1,2,3-Trichlorobenzene	15.858	180	3375m	3.041	ug/l	

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



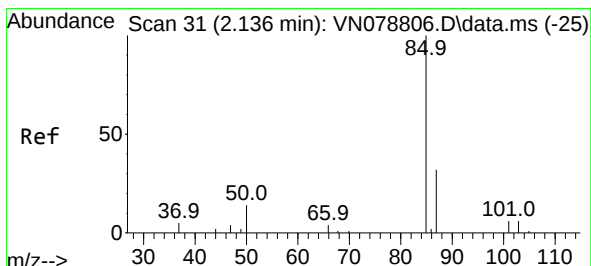
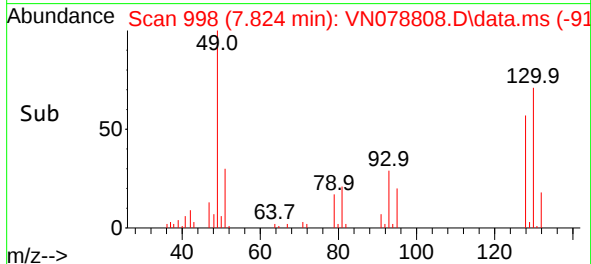
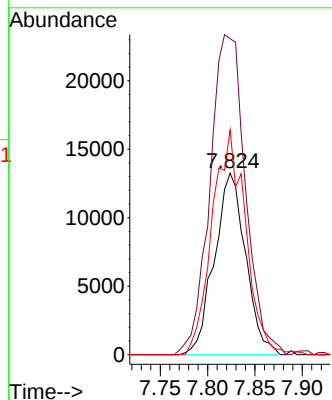
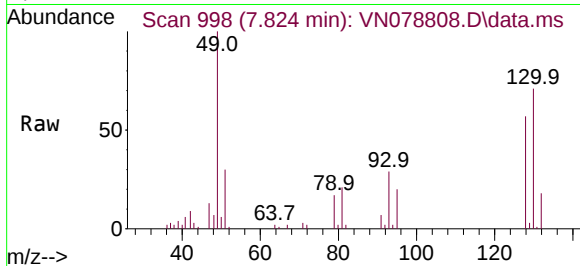
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 30479
Ion Ratio Lower Upper
128 100
49 199.9 0.0 370.8
130 131.3 0.0 307.0

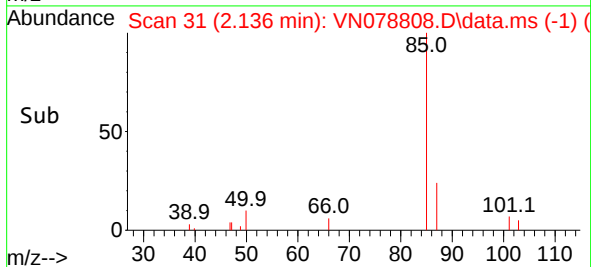
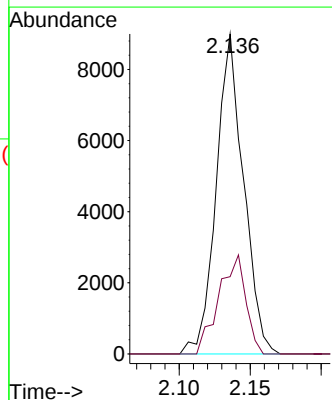
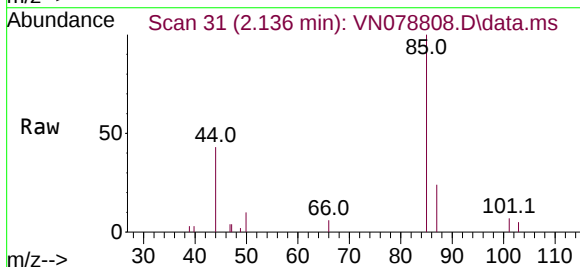
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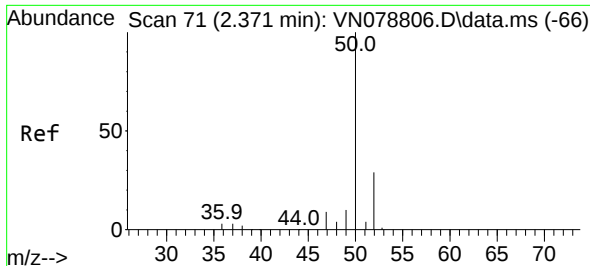
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#2
Dichlorodifluoromethane
Concen: 5.940 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

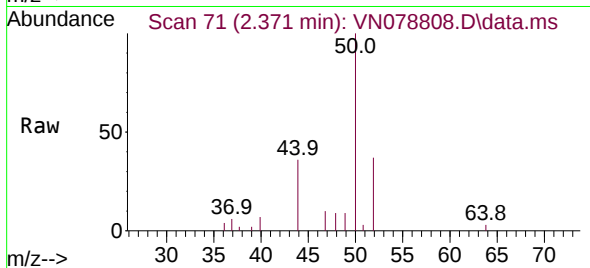
Tgt Ion: 85 Resp: 12038
Ion Ratio Lower Upper
85 100
87 24.2 16.4 49.4





#3
Chloromethane
Concen: 5.508 ug/l
RT: 2.371 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

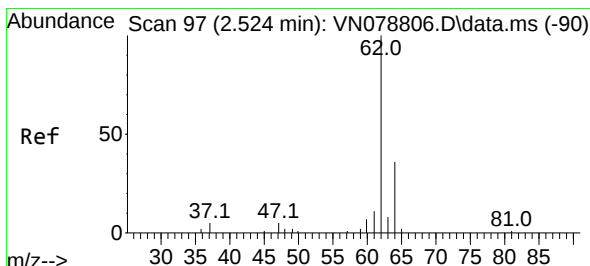
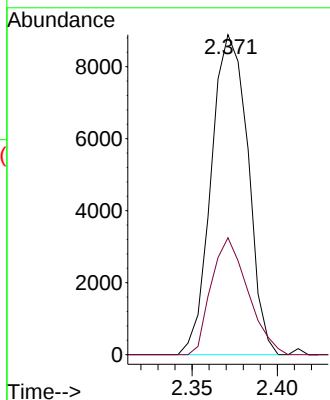
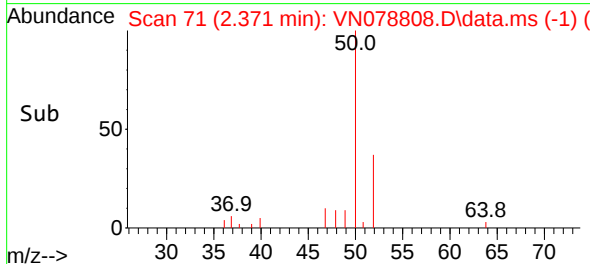
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 1332
Ion Ratio Lower Upper
50 100
52 36.5 24.6 36.8

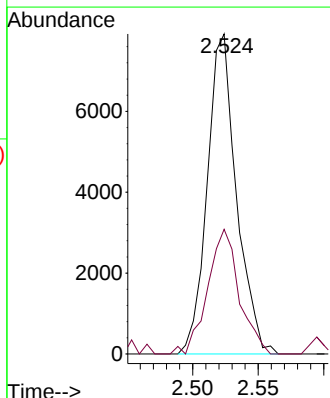
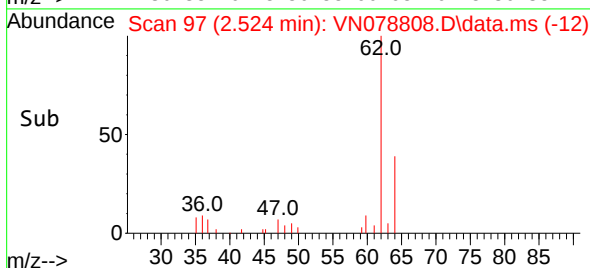
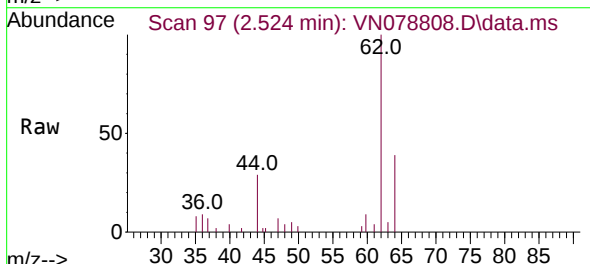
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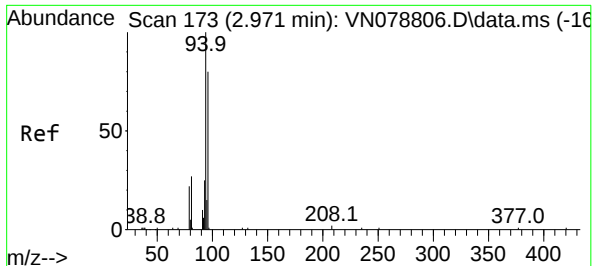
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#4
Vinyl Chloride
Concen: 3.966 ug/l
RT: 2.524 min Scan# 97
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Tgt Ion: 62 Resp: 12268
Ion Ratio Lower Upper
62 100
64 39.0 23.3 34.9#





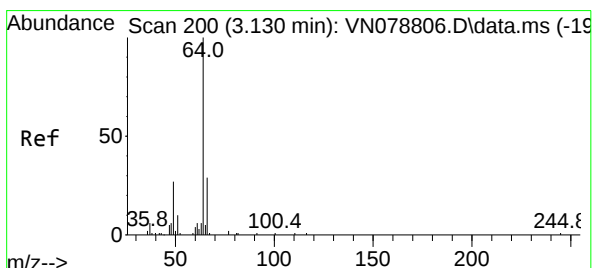
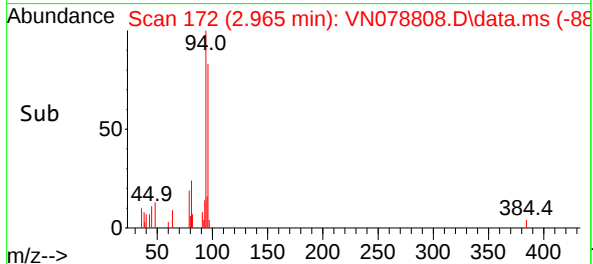
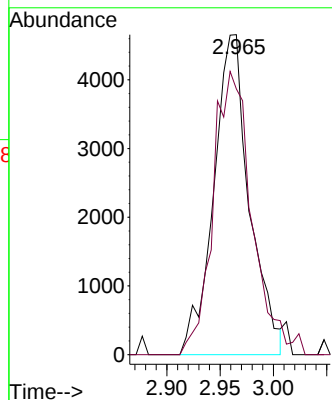
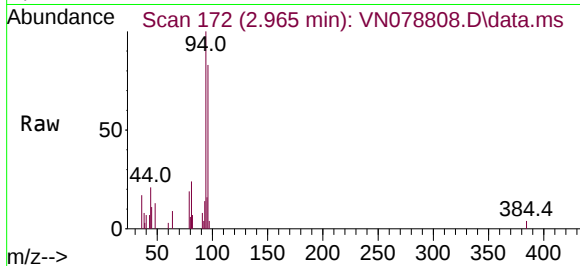
#5
Bromomethane
Concen: 4.690 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 10880
Ion Ratio Lower Upper
94 100
96 83.1 73.9 110.9

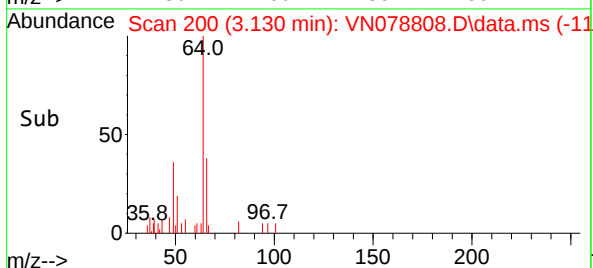
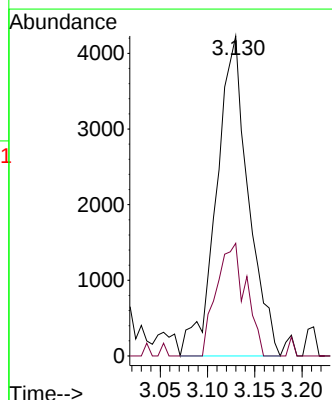
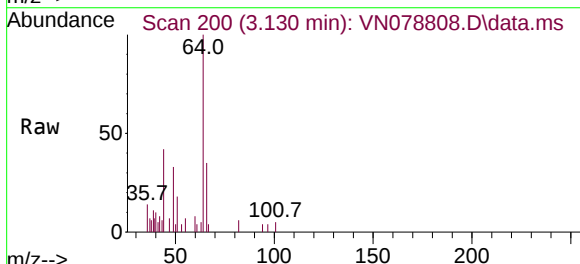
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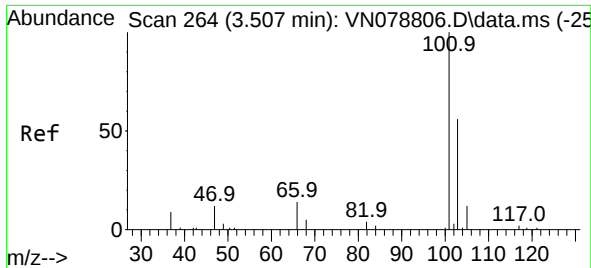
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#6
Chloroethane
Concen: 4.791 ug/l m
RT: 3.130 min Scan# 200
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Tgt Ion: 64 Resp: 9909
Ion Ratio Lower Upper
64 100
66 35.2 25.7 38.5





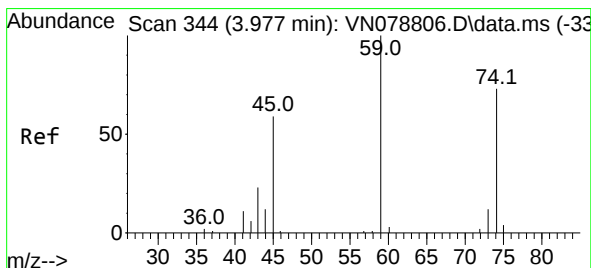
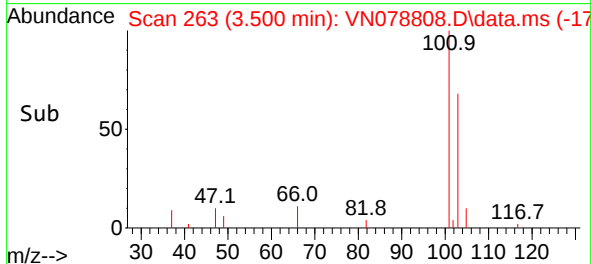
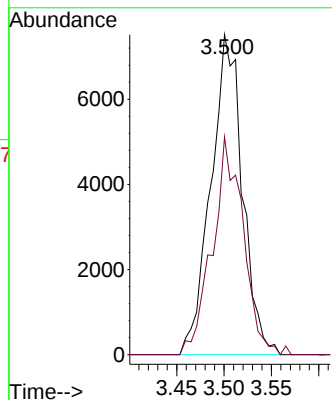
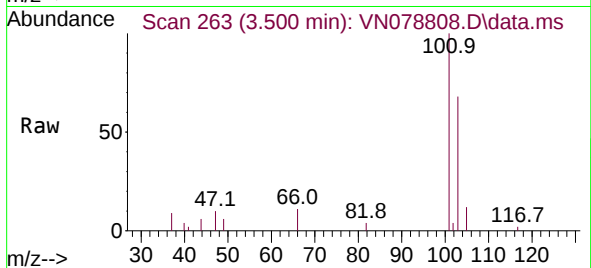
#7
 Trichlorofluoromethane
 Concen: 5.166 ug/l
 RT: 3.500 min Scan# 264
 Delta R.T. -0.006 min
 Lab File: VN078808.D
 Acq: 08 Aug 2023 19:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 1747
 Ion Ratio Lower Upper
 101 100
 103 68.1 50.4 75.6

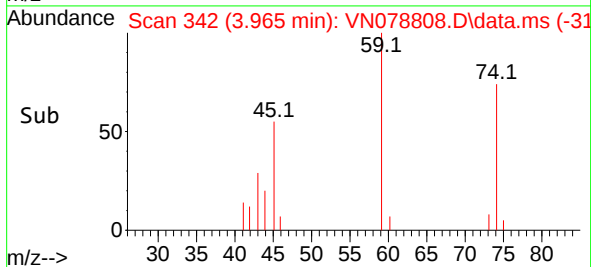
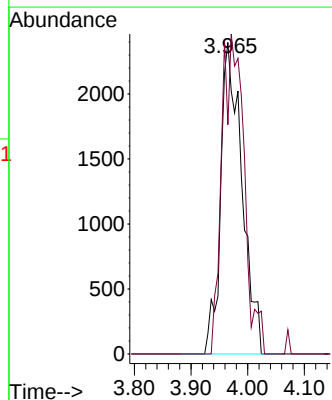
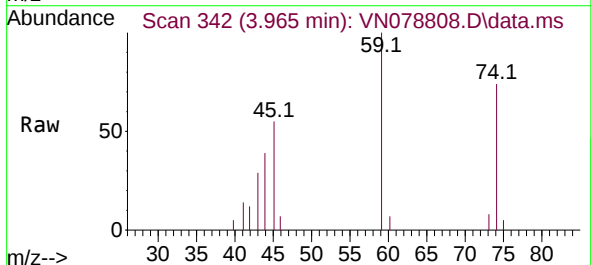
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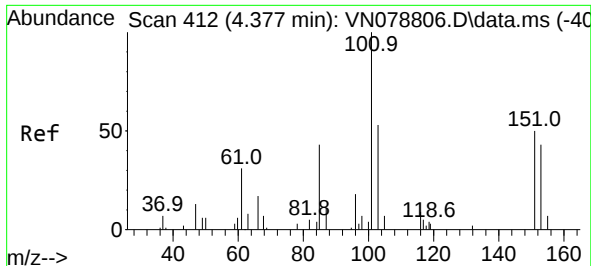
Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023



#8
 Diethyl Ether
 Concen: 5.557 ug/l m
 RT: 3.965 min Scan# 342
 Delta R.T. -0.012 min
 Lab File: VN078808.D
 Acq: 08 Aug 2023 19:28

Tgt Ion: 74 Resp: 6246
 Ion Ratio Lower Upper
 74 100
 45 64.2 16.3 146.5





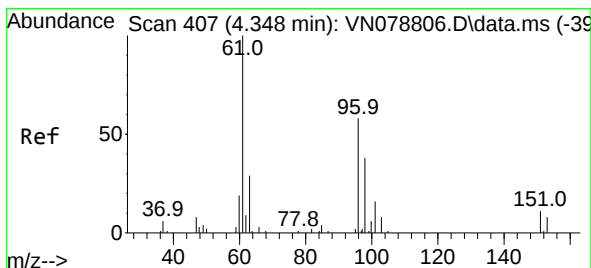
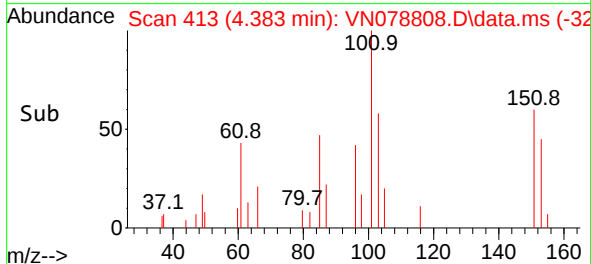
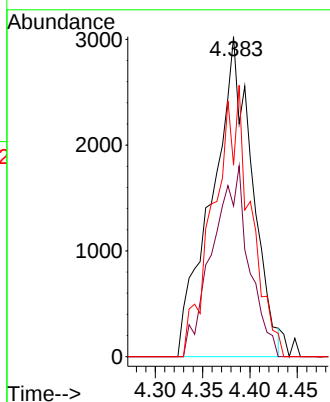
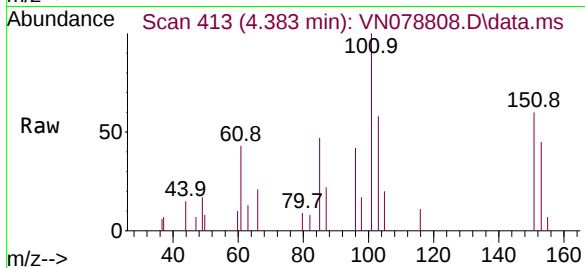
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1,1,2-Trichlorotrifluoroethane
Concen: 4.849 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 8879
Ion Ratio Lower Upper
101 100
85 20.4 0.0 89.2
151 0.0 0.0 148.8

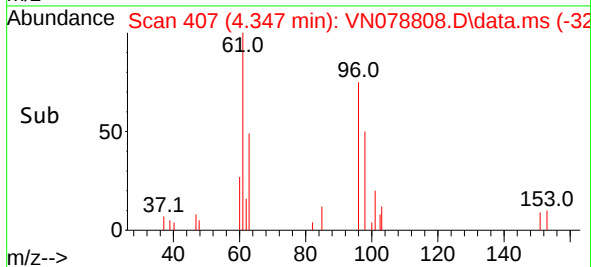
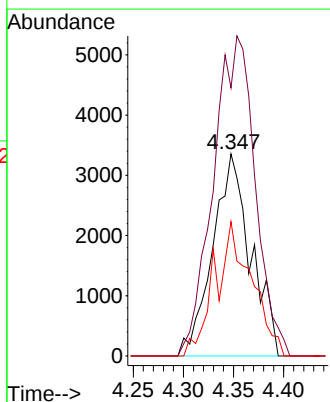
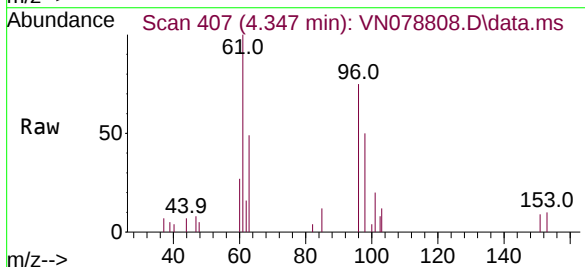
Manual Integrations
APPROVED

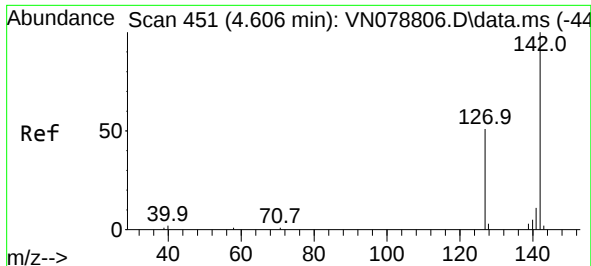
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#10
1,1-Dichloroethene
Concen: 5.110 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

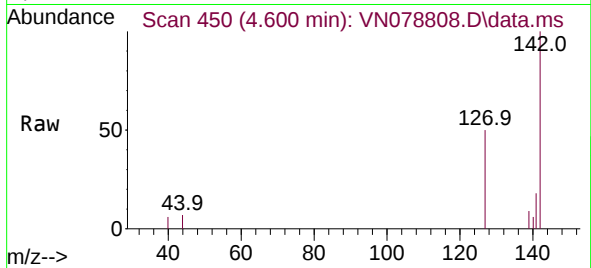
Tgt Ion: 96 Resp: 8862
Ion Ratio Lower Upper
96 100
61 132.7 123.4 185.2
98 66.4 53.7 80.5





#11
Methyl Iodide
Concen: 4.702 ug/l m
RT: 4.600 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

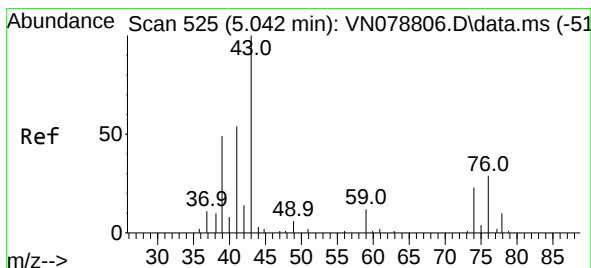
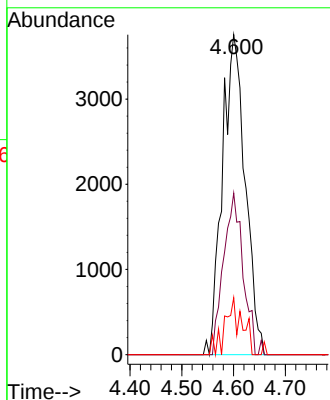
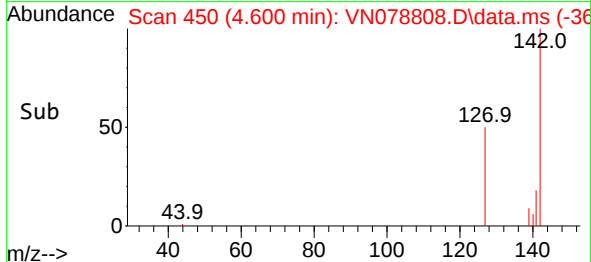
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:142 Resp: 11439
Ion Ratio Lower Upper
142 100
127 50.5 23.2 69.5
141 17.8 7.2 21.7

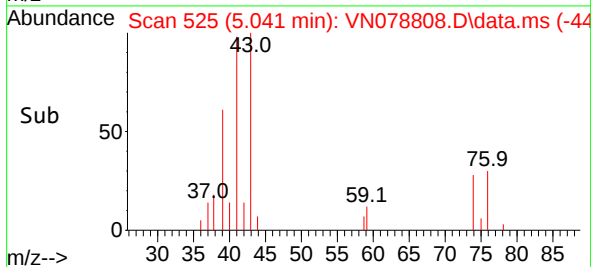
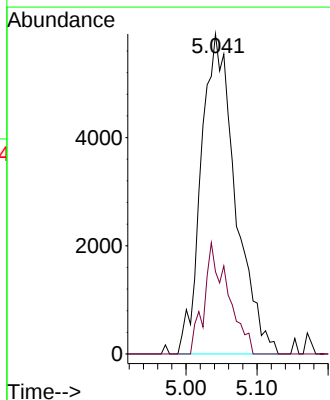
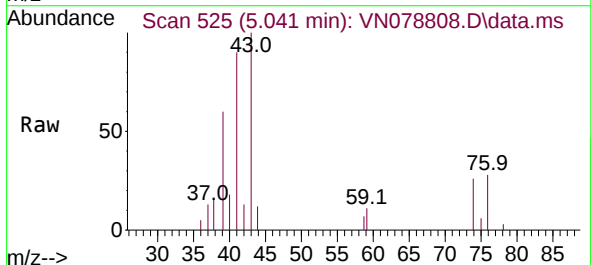
Manual Integrations
APPROVED

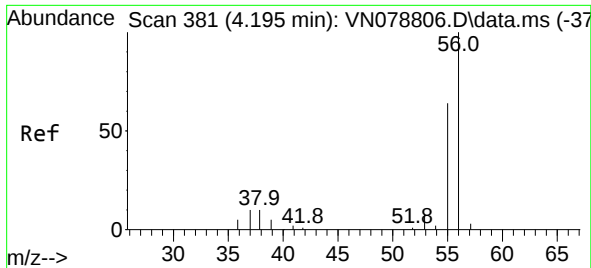
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#12
Methyl Acetate
Concen: 6.526 ug/l
RT: 5.041 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Tgt Ion: 43 Resp: 19819
Ion Ratio Lower Upper
43 100
74 25.7 20.5 30.7





#13

Acrolein

Concen: 34.332 ug/l m

RT: 4.194 min Scan# 381

Delta R.T. -0.000 min

Lab File: VN078808.D

Acq: 08 Aug 2023 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 10859

Ion Ratio Lower Upper

56 100

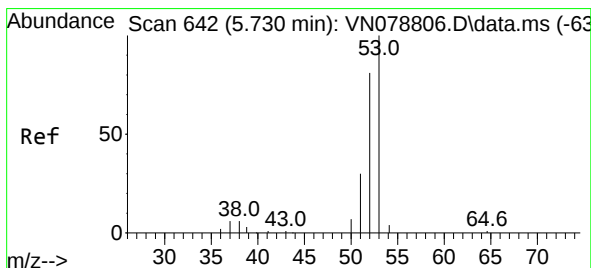
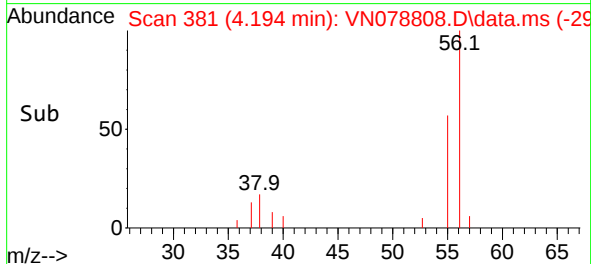
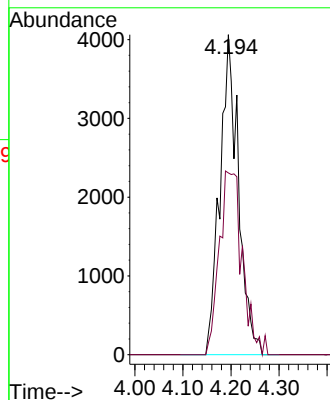
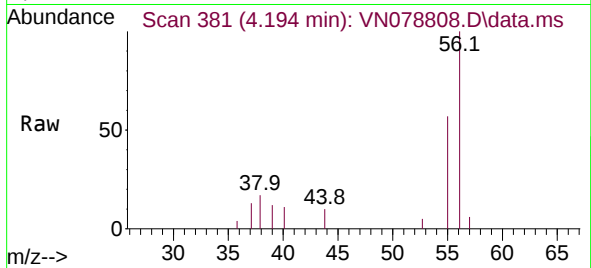
55 39.5 59.0 88.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#14

Acrylonitrile

Concen: 28.563 ug/l m

RT: 5.741 min Scan# 644

Delta R.T. 0.012 min

Lab File: VN078808.D

Acq: 08 Aug 2023 19:28

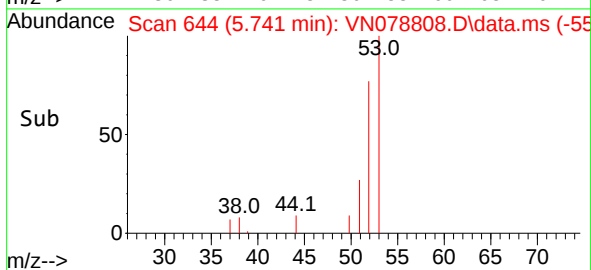
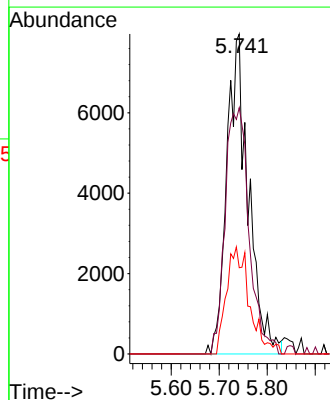
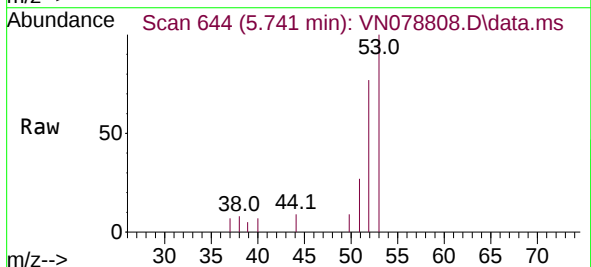
Tgt Ion: 53 Resp: 24804

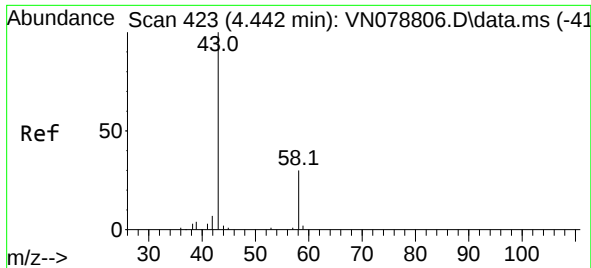
Ion Ratio Lower Upper

53 100

52 0.0 42.3 126.9#

51 0.0 18.4 55.4#





#15

Acetone

Concen: 27.292 ug/l m

RT: 4.447 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN078808.D

Acq: 08 Aug 2023 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 58 Resp: 6688

Ion Ratio Lower Upper

58 100

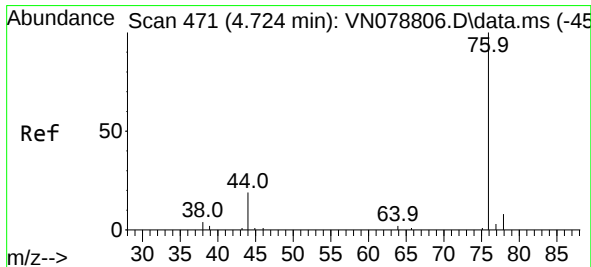
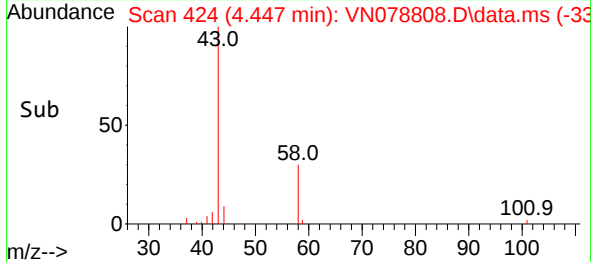
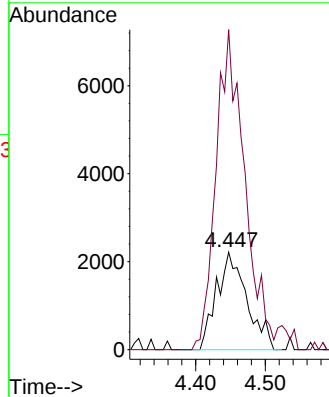
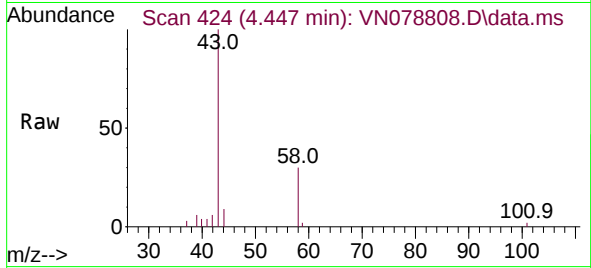
43 328.3 227.5 341.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#16

Carbon Disulfide

Concen: 5.183 ug/l

RT: 4.724 min Scan# 471

Delta R.T. -0.000 min

Lab File: VN078808.D

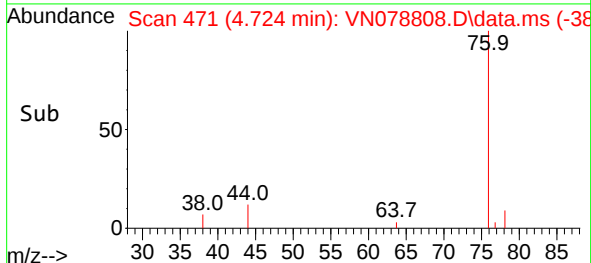
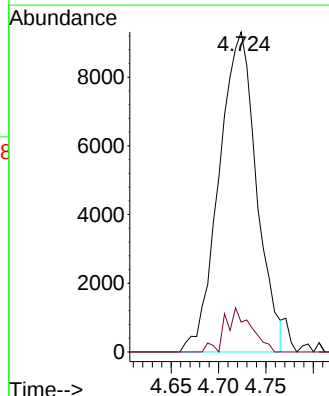
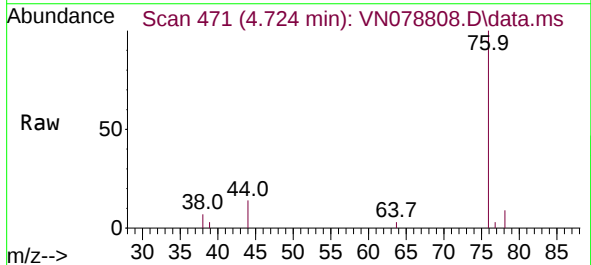
Acq: 08 Aug 2023 19:28

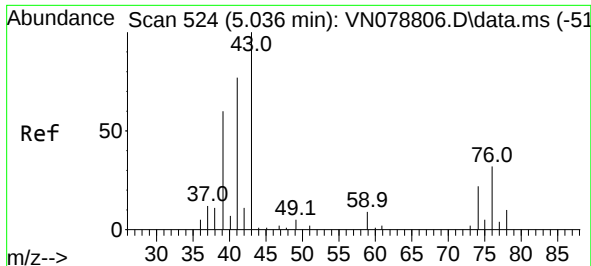
Tgt Ion: 76 Resp: 25614

Ion Ratio Lower Upper

76 100

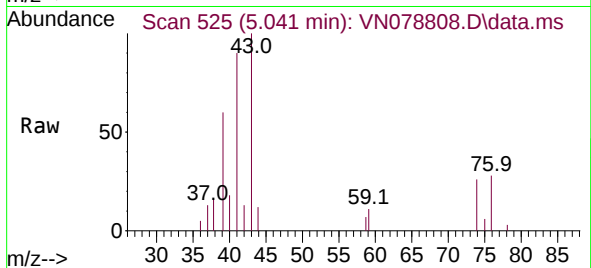
78 9.3 7.7 11.5





#17
 Allyl chloride
 Concen: 6.888 ug/l
 RT: 5.041 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN078808.D
 Acq: 08 Aug 2023 19:28

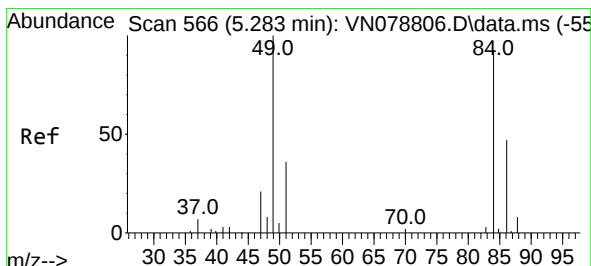
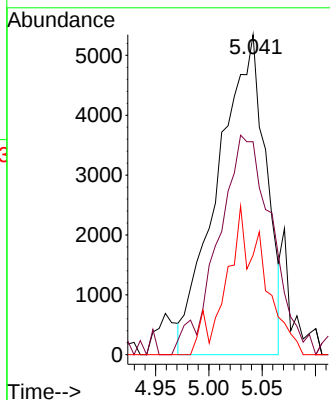
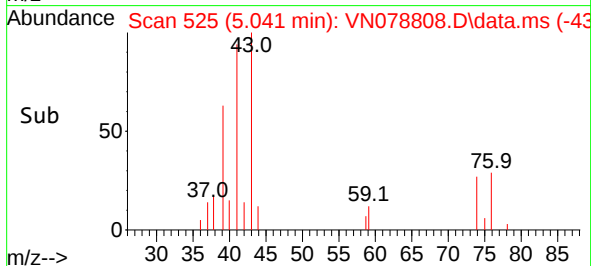
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion:	41	Resp:	1674
Ion	Ratio	Lower	Upper
41	100		
39	68.8	37.6	112.8
76	34.5	23.8	71.4

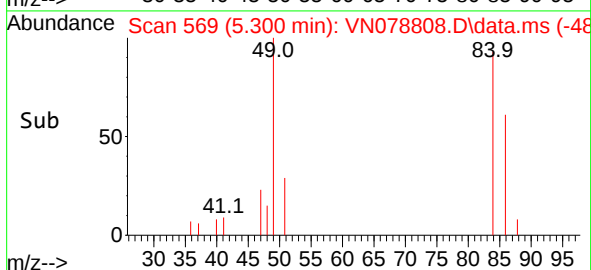
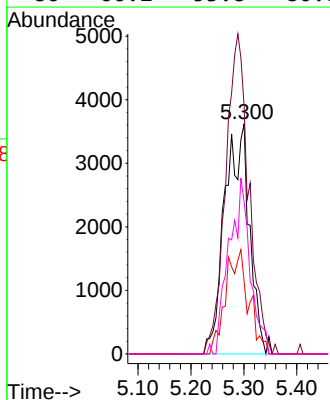
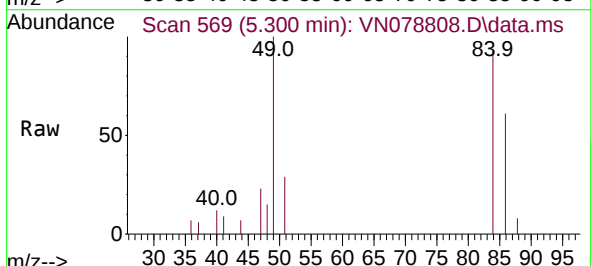
Manual Integrations
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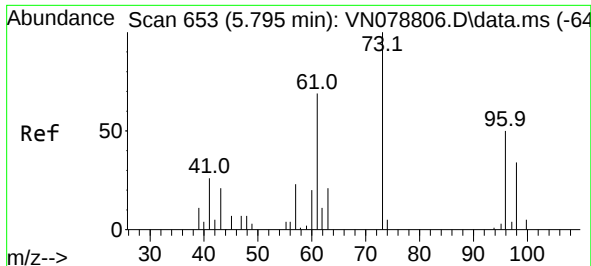
Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023



#18
 Methylene Chloride
 Concen: 5.570 ug/l m
 RT: 5.300 min Scan# 569
 Delta R.T. 0.017 min
 Lab File: VN078808.D
 Acq: 08 Aug 2023 19:28

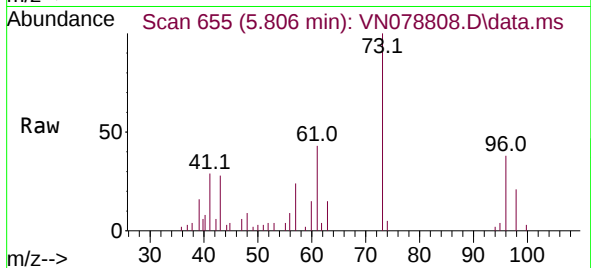
Tgt Ion:	84	Resp:	11745
Ion	Ratio	Lower	Upper
84	100		
49	108.0	88.1	132.1
51	31.5	24.0	36.0
86	66.2	53.8	80.8





#19
trans-1,2-Dichloroethene
Concen: 5.041 ug/l m
RT: 5.806 min Scan# 614
Delta R.T. 0.012 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

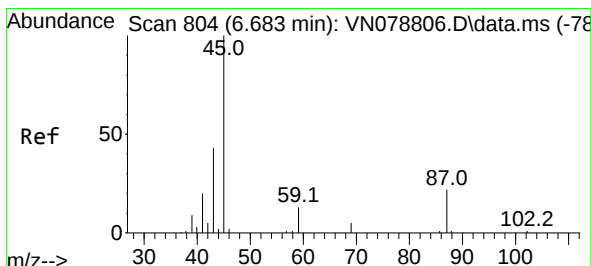
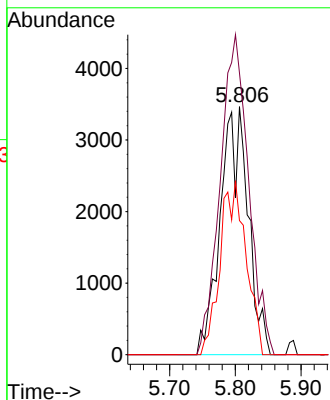
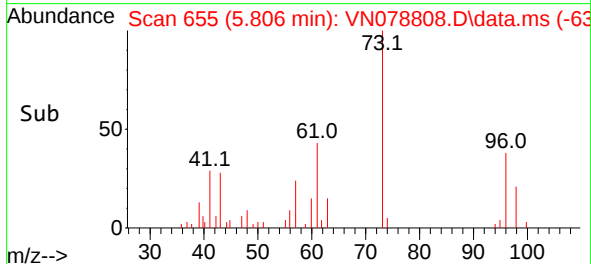
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



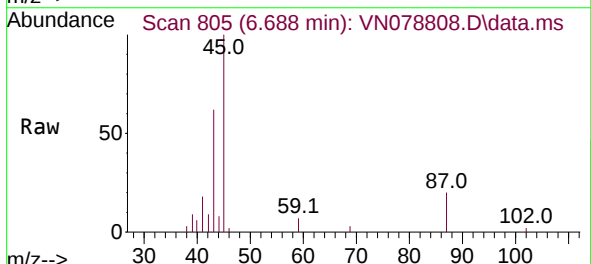
Tgt Ion: 96 Resp: 1014
Ion Ratio Lower Upper
96 100
61 113.6 105.2 157.8
98 54.1 50.5 75.7

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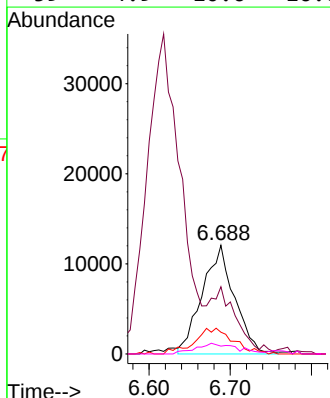
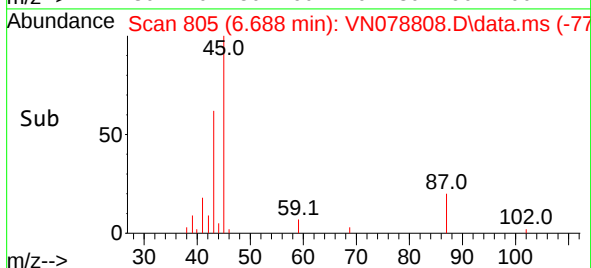
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

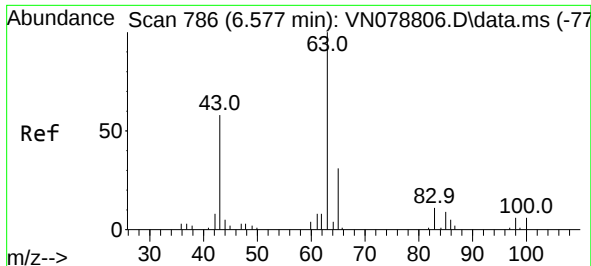


#20
Diisopropyl ether
Concen: 5.913 ug/l
RT: 6.688 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28



Tgt Ion: 45 Resp: 33309
Ion Ratio Lower Upper
45 100
43 58.6 43.6 65.4
87 20.4 25.8 38.6#
59 4.9 10.6 16.0#





#21

1,1-Dichloroethane

Concen: 5.589 ug/l

RT: 6.577 min Scan# 786

Delta R.T. -0.000 min

Lab File: VN078808.D

Acq: 08 Aug 2023 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

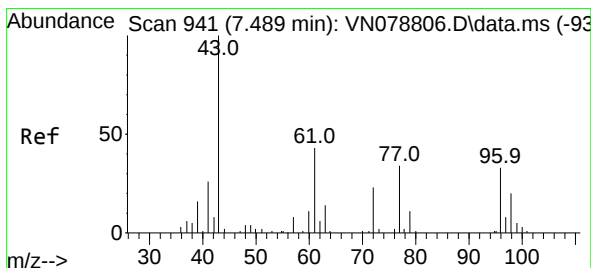
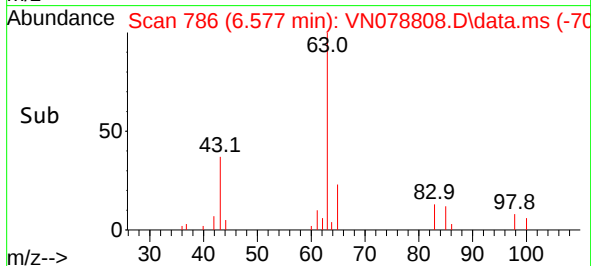
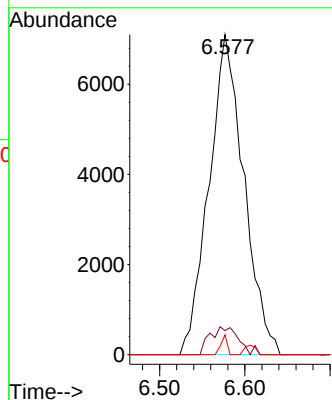
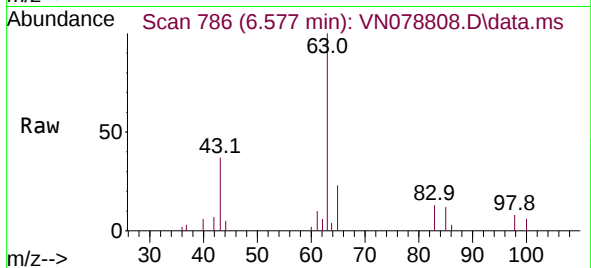
Tgt Ion:	63	Resp:	2020
Ion Ratio	Lower	Upper	
63	100		
98	7.5	2.7	8.1
100	6.2	2.5	7.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#22

cis-1,2-Dichloroethene

Concen: 5.190 ug/l

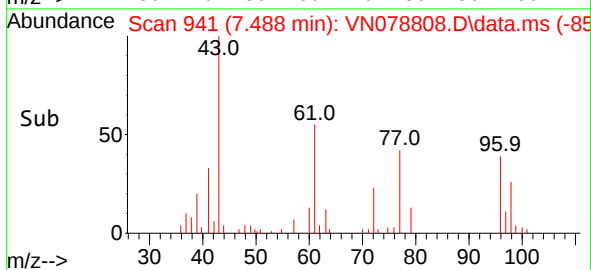
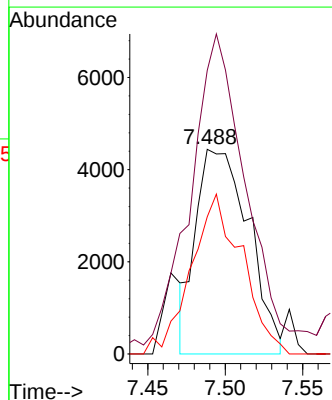
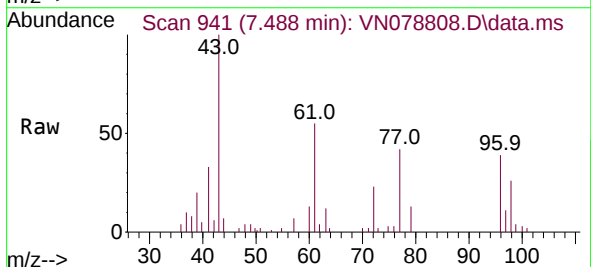
RT: 7.488 min Scan# 941

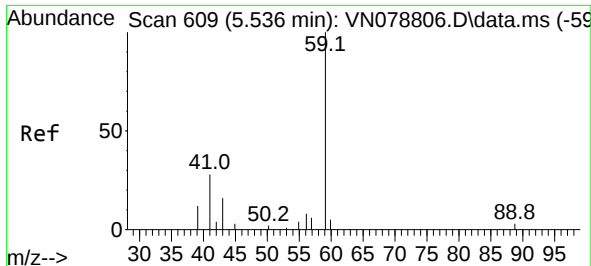
Delta R.T. -0.000 min

Lab File: VN078808.D

Acq: 08 Aug 2023 19:28

Tgt Ion:	96	Resp:	10541
Ion Ratio	Lower	Upper	
96	100		
61	164.1	113.8	170.6
98	58.8	52.2	78.4





#23

tert-Butyl Alcohol

Concen: 31.085 ug/l m

RT: 5.536 min Scan# 609

Delta R.T. -0.000 min

Lab File: VN078808.D

Acq: 08 Aug 2023 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 59 Resp: 10670

Ion Ratio Lower Upper

59 100

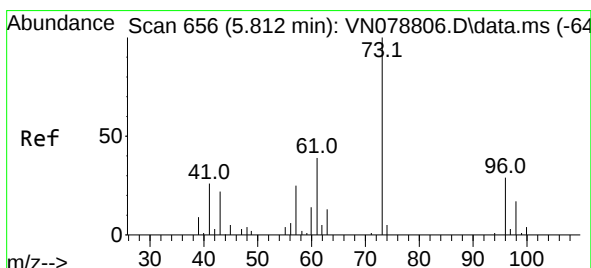
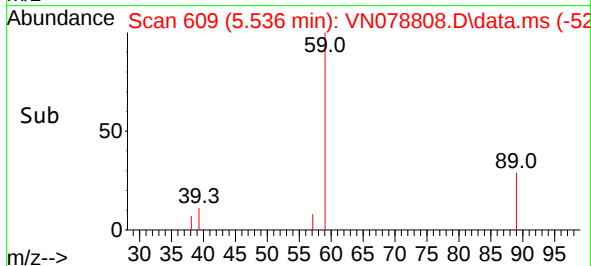
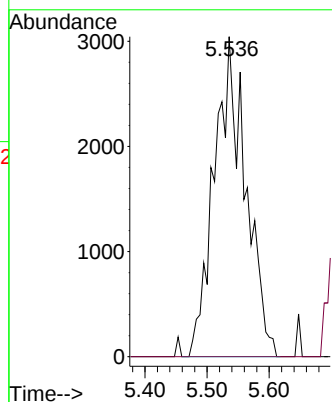
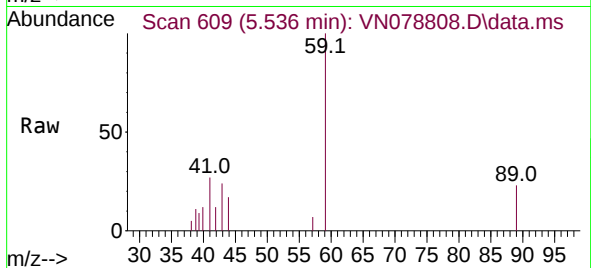
52 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#24

Methyl tert-Butyl Ether

Concen: 4.867 ug/l

RT: 5.806 min Scan# 655

Delta R.T. -0.006 min

Lab File: VN078808.D

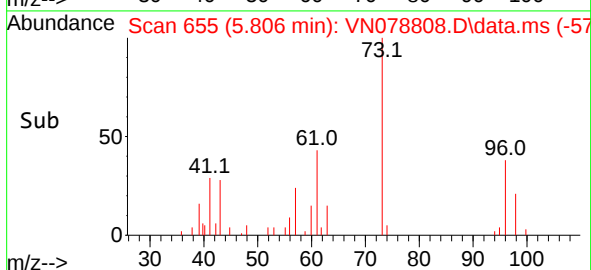
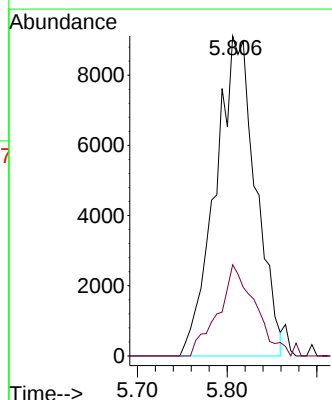
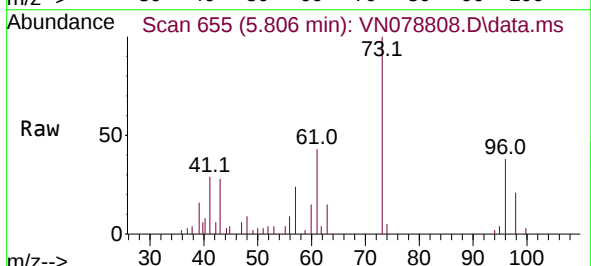
Acq: 08 Aug 2023 19:28

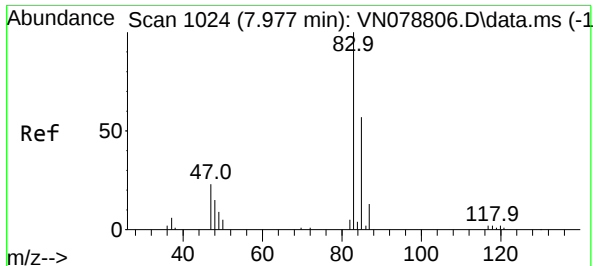
Tgt Ion: 73 Resp: 28428

Ion Ratio Lower Upper

73 100

43 25.2 14.5 21.7#





#25

Chloroform

Concen: 5.137 ug/l m

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN078808.D

Acq: 08 Aug 2023 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 83 Resp: 19328

Ion Ratio Lower Upper

83 100

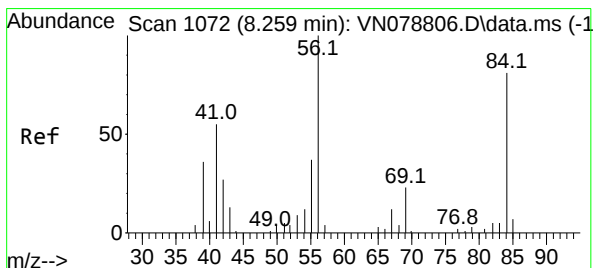
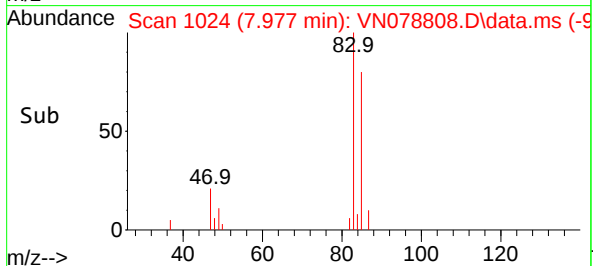
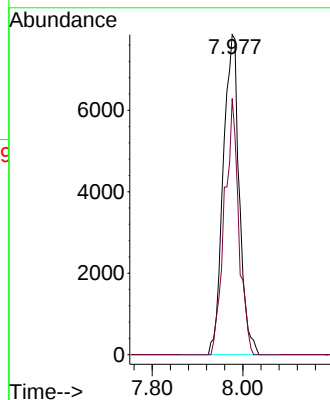
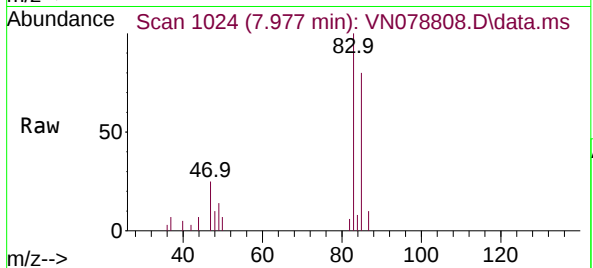
85 80.1 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#26

Cyclohexane

Concen: 6.043 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.006 min

Lab File: VN078808.D

Acq: 08 Aug 2023 19:28

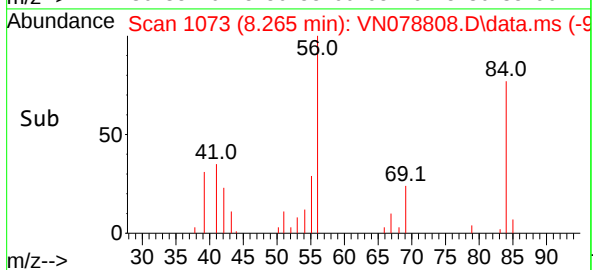
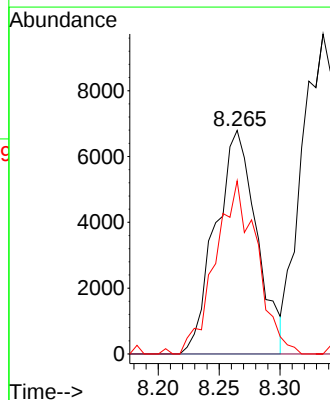
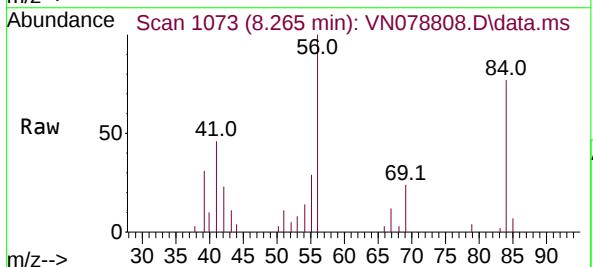
Tgt Ion: 56 Resp: 15980

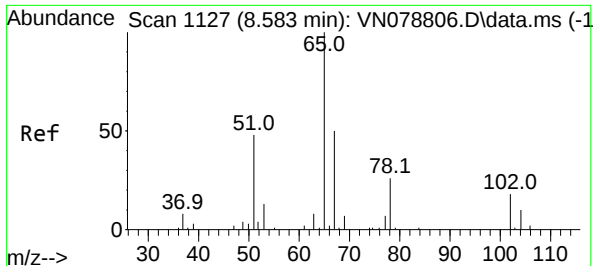
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 40.0 74.2 111.4#





#27
1,2-Dichloroethane-d4
Concen: 32.805 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Instrument :

MSVOA_N

ClientSampleId :

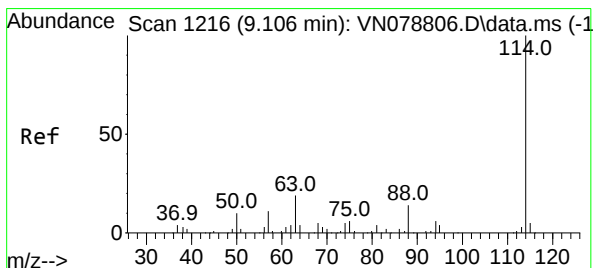
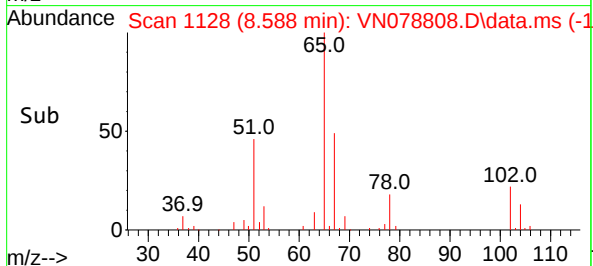
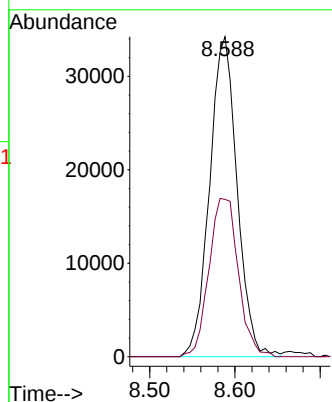
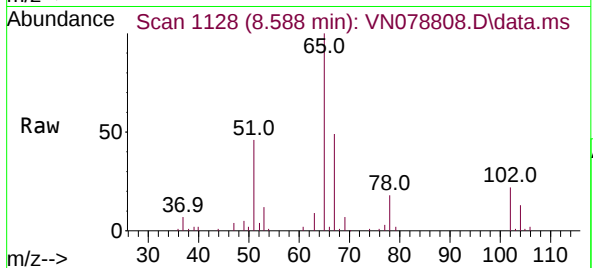
VSTDIC005

Tgt Ion: 65 Resp: 76790
Ion Ratio Lower Upper
65 100
67 52.6 42.9 64.3

Manual Integrations

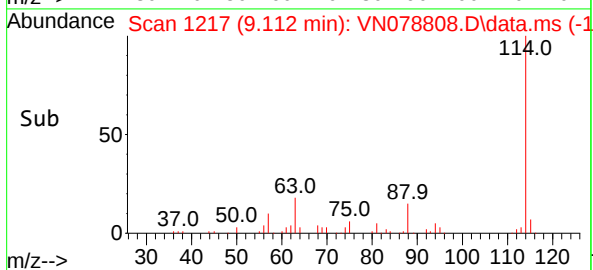
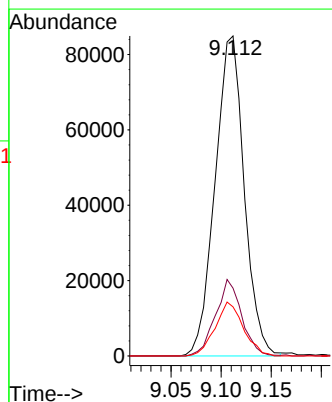
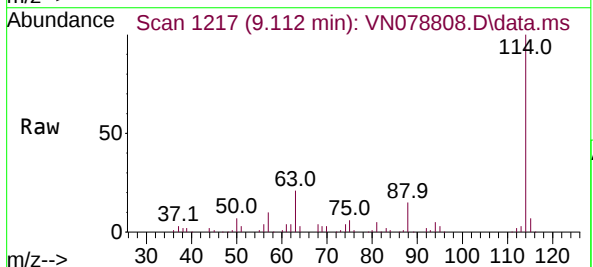
APPROVED

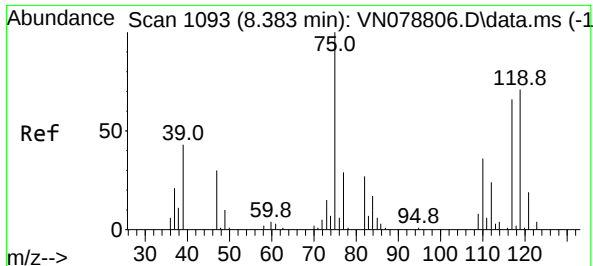
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Tgt Ion:114 Resp: 171362
Ion Ratio Lower Upper
114 100
63 21.4 15.2 22.8
88 16.3 12.5 18.7





#29
1,1-Dichloropropene
Concen: 5.131 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.012 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

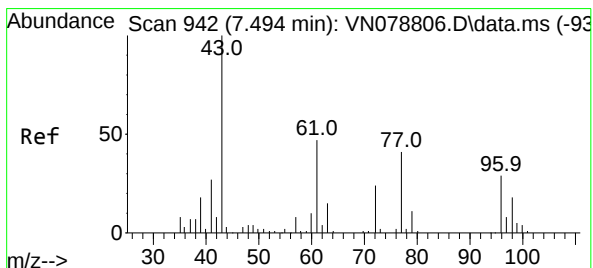
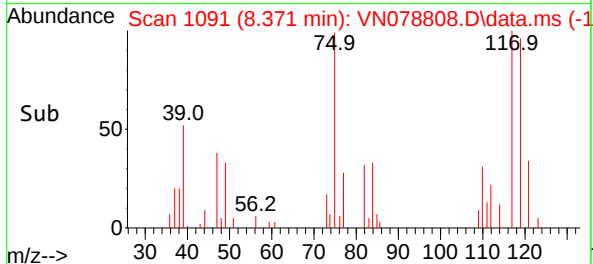
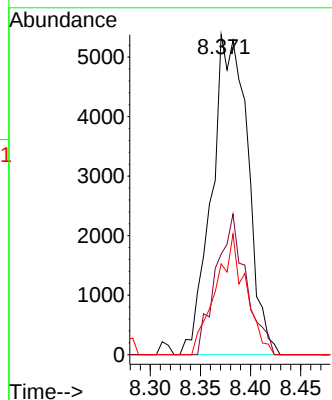
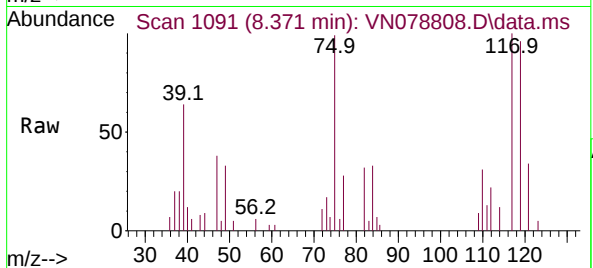
Tgt Ion: 75 Resp: 13448
Ion Ratio Lower Upper
75 100
110 36.3 0.0 72.2
77 31.3 0.0 62.8

Manual Integrations

APPROVED

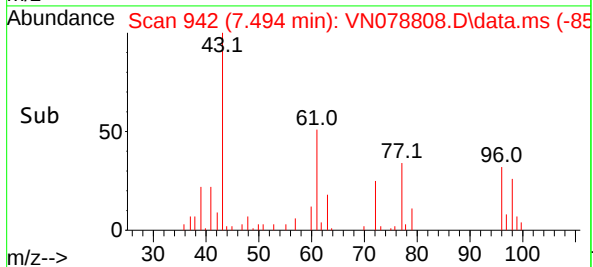
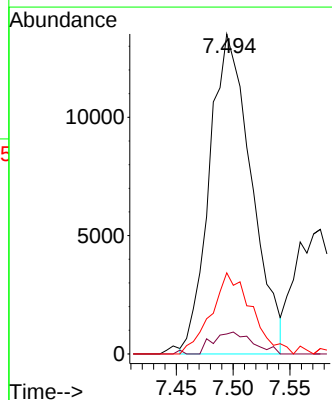
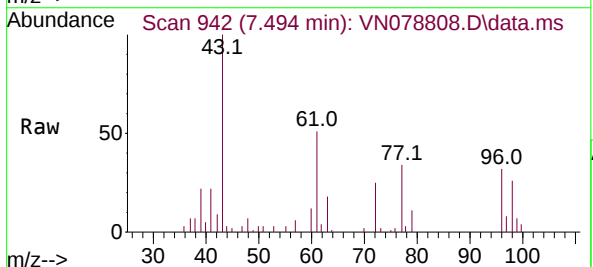
Reviewed By :John Carlone 08/09/2023

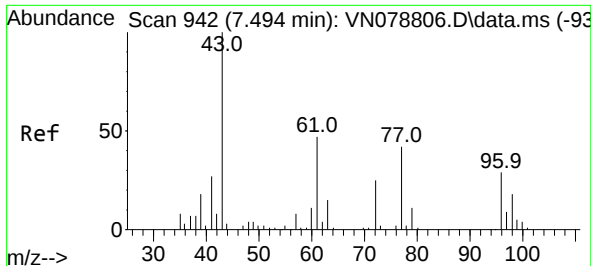
Supervised By :Semsettin Yesilyurt 08/09/2023



#30
2-Butanone
Concen: 32.096 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Tgt Ion: 43 Resp: 34670
Ion Ratio Lower Upper
43 100
57 6.1 6.8 10.2#
72 23.6 23.8 35.6#





#31

2,2-Dichloropropane

Concen: 4.871 ug/l m

RT: 7.488 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN078808.D

Acq: 08 Aug 2023 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 77 Resp: 14249

Ion Ratio Lower Upper

77 100

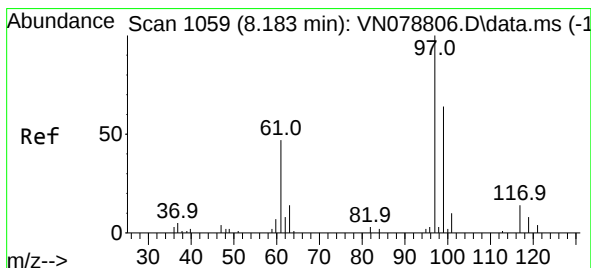
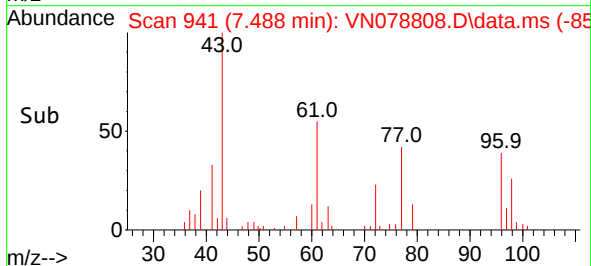
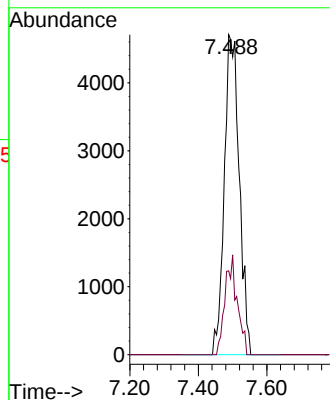
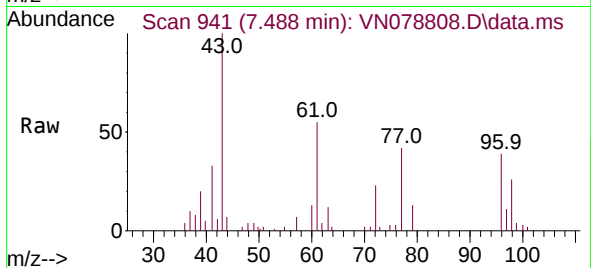
97 13.2 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#32

1,1,1-Trichloroethane

Concen: 5.498 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.012 min

Lab File: VN078808.D

Acq: 08 Aug 2023 19:28

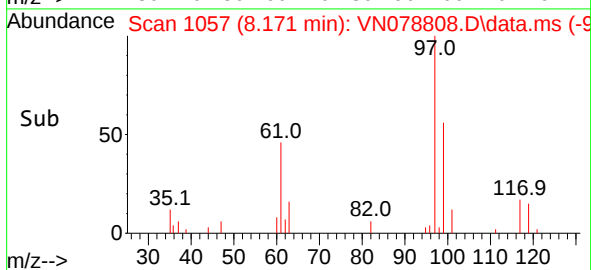
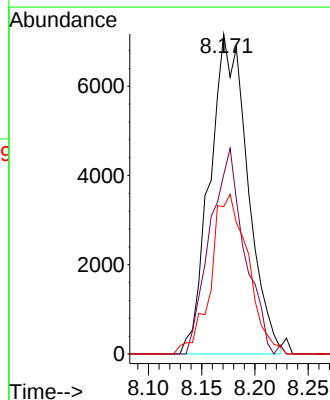
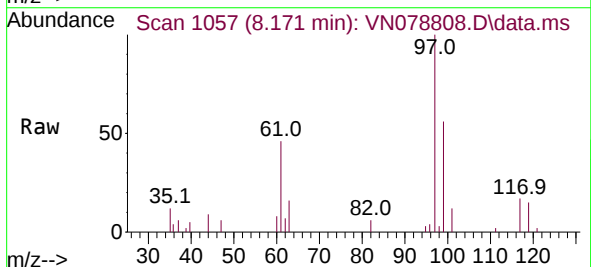
Tgt Ion: 97 Resp: 17707

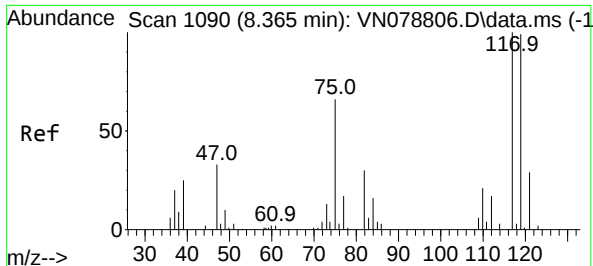
Ion Ratio Lower Upper

97 100

99 58.7 51.3 76.9

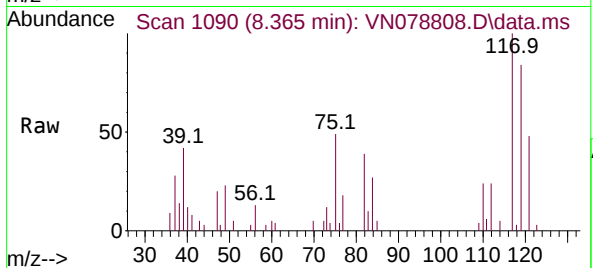
61 48.1 34.6 52.0





#33
Carbon Tetrachloride
Concen: 4.910 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

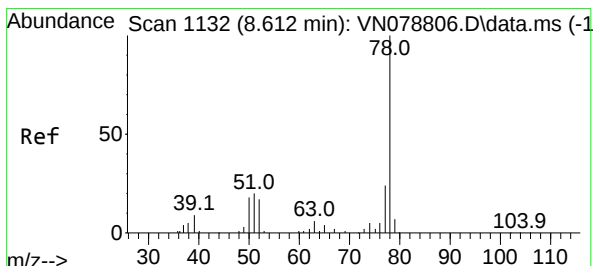
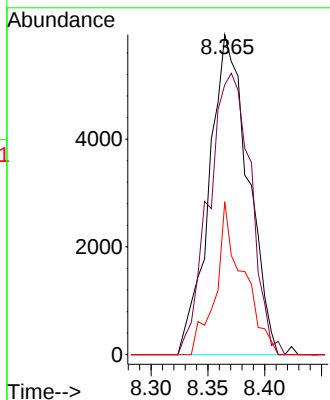
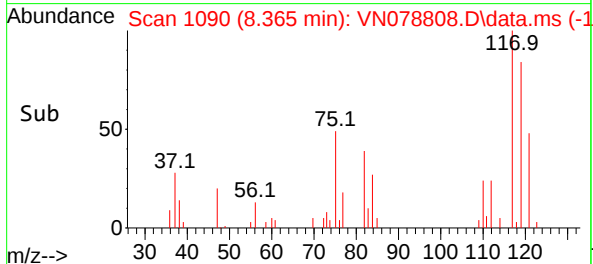
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



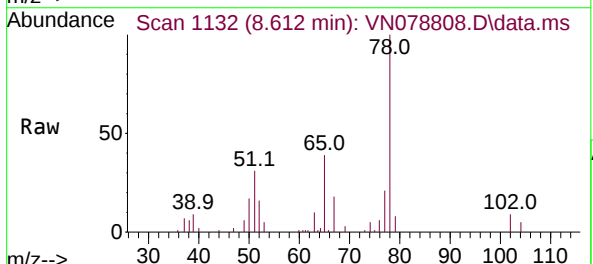
Tgt Ion:117 Resp: 14140
Ion Ratio Lower Upper
117 100
119 84.3 81.4 122.0
121 47.8 23.6 35.4

Manual Integrations
APPROVED

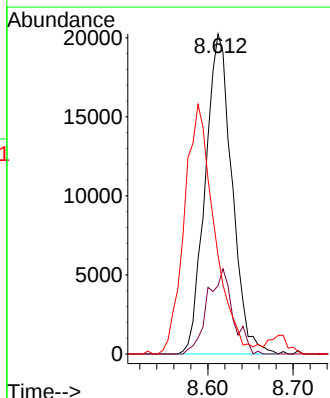
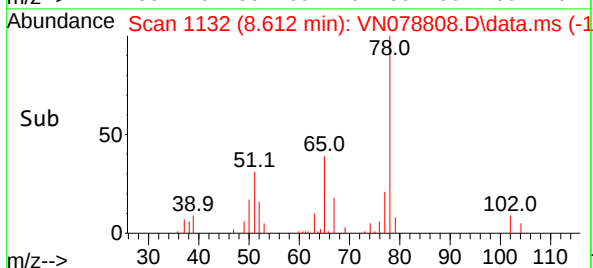
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

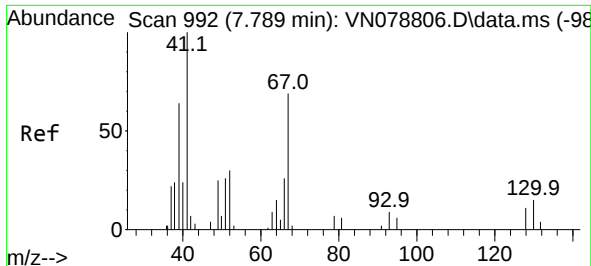


#34
Benzene
Concen: 5.642 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28



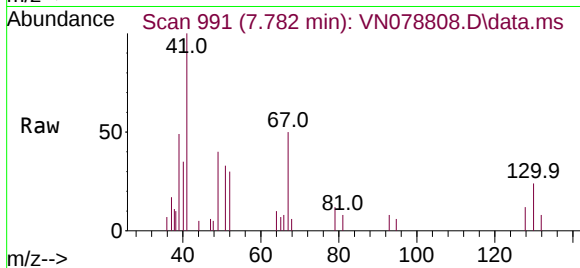
Tgt Ion: 78 Resp: 44223
Ion Ratio Lower Upper
78 100
77 21.3 18.3 27.5
51 25.0 13.7 20.5





#35
Methacrylonitrile
Concen: 6.720 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

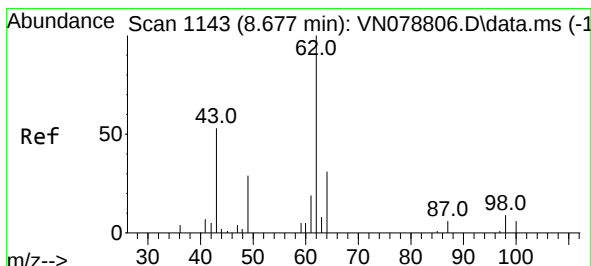
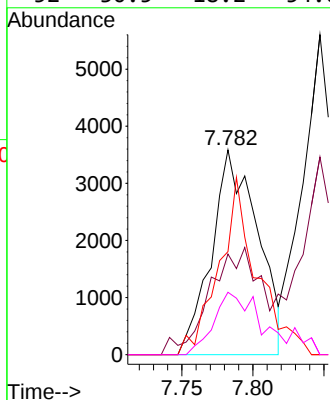
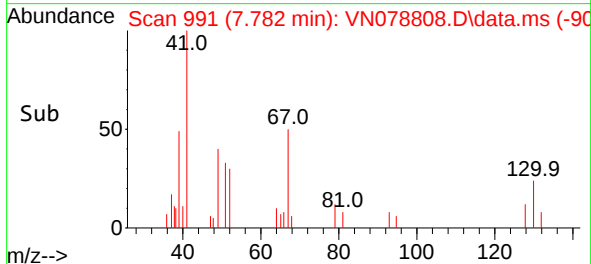
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
41	100		
39	44.5	33.9	101.6
67	50.3	45.9	137.6
52	30.5	18.2	54.6

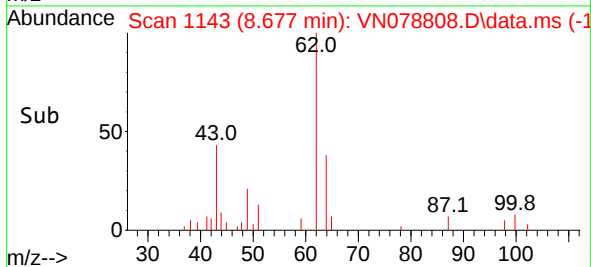
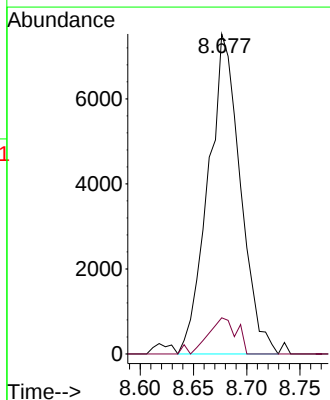
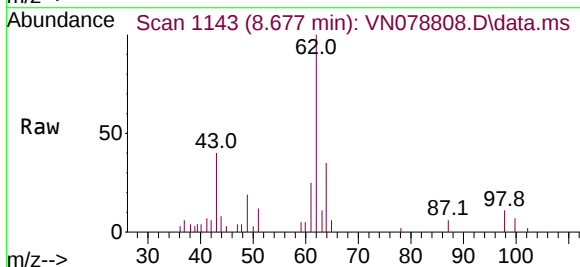
Manual Integrations
APPROVED

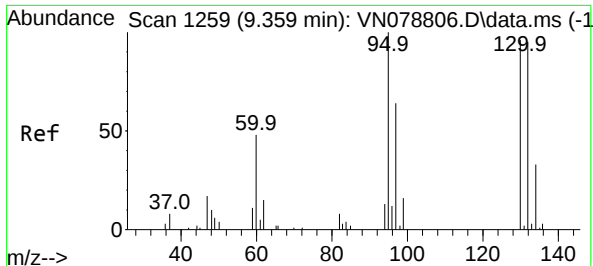
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#36
1,2-Dichloroethane
Concen: 5.777 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	7.4	11.0





#37

Trichloroethene

Concen: 5.139 ug/l

RT: 9.359 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VN078808.D

Acq: 08 Aug 2023 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:130 Resp: 1106

Ion Ratio Lower Upper

130 100

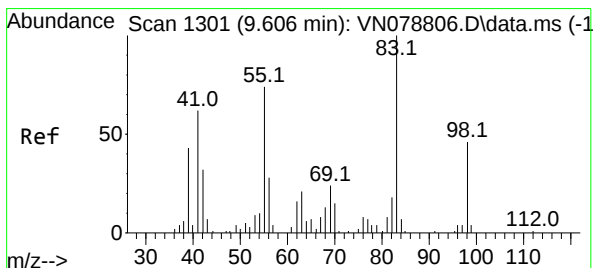
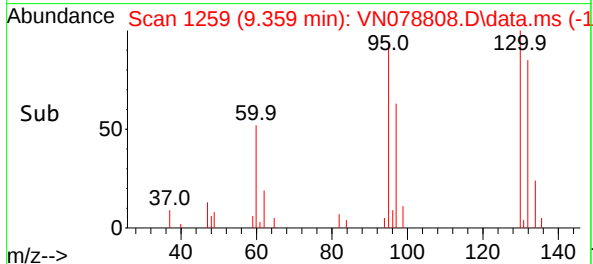
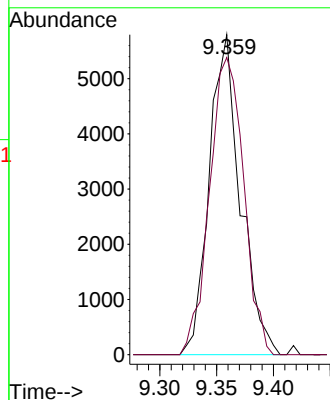
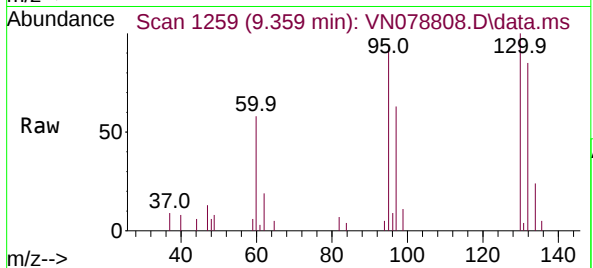
95 92.8 78.2 117.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#38

Methylcyclohexane

Concen: 4.753 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN078808.D

Acq: 08 Aug 2023 19:28

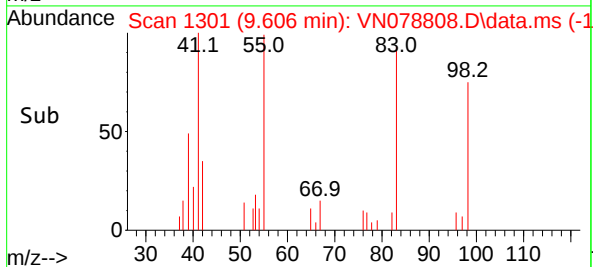
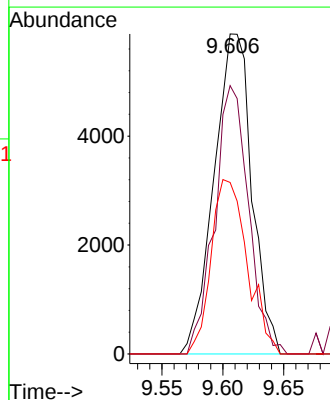
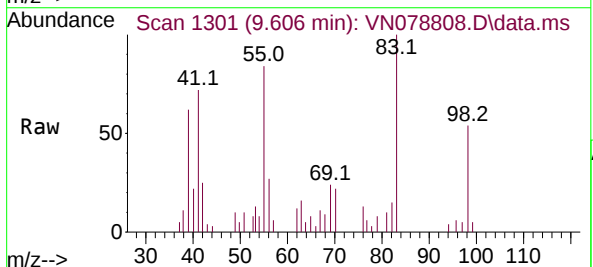
Tgt Ion: 83 Resp: 12711

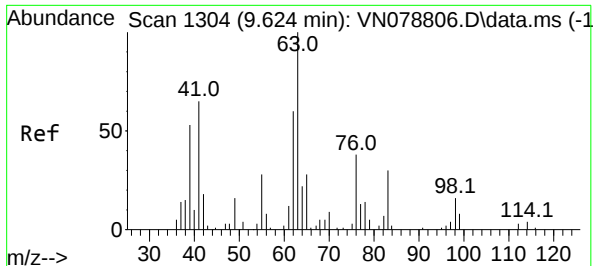
Ion Ratio Lower Upper

83 100

55 75.1 34.0 102.0

98 52.2 23.0 69.0





#39

1,2-Dichloropropane

Concen: 5.322 ug/l

RT: 9.624 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN078808.D

Acq: 08 Aug 2023 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 1129

Ion Ratio Lower Upper

63 100

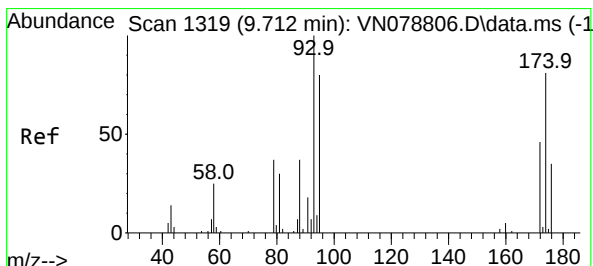
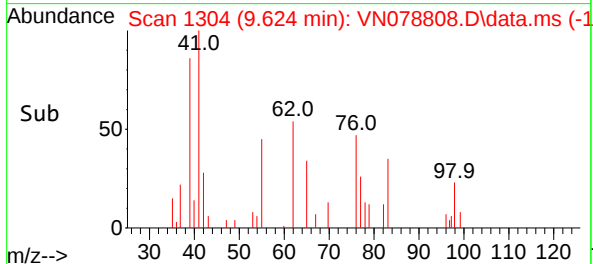
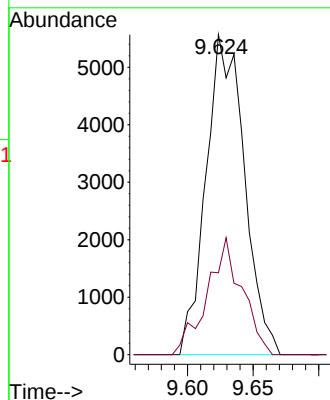
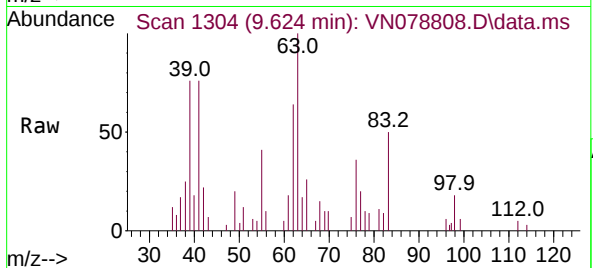
65 25.6 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#40

Dibromomethane

Concen: 5.295 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN078808.D

Acq: 08 Aug 2023 19:28

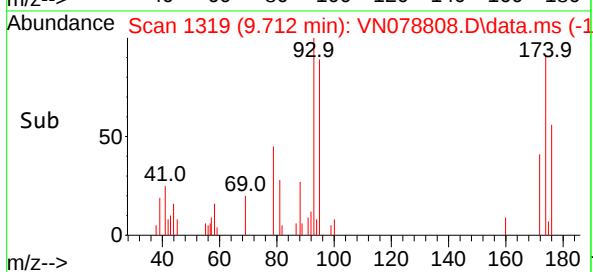
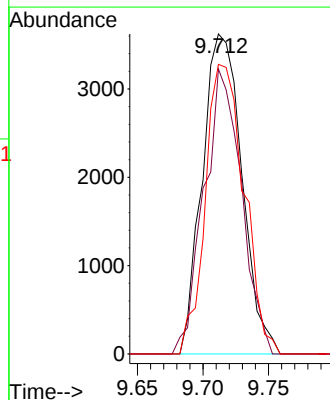
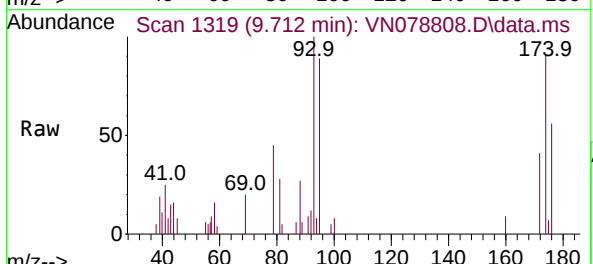
Tgt Ion: 93 Resp: 7611

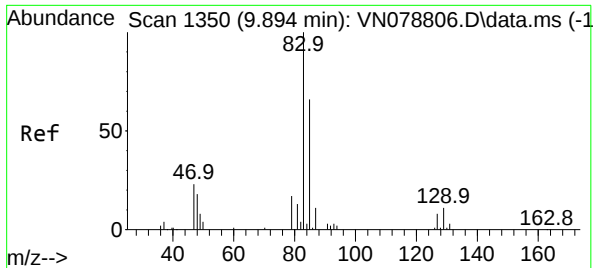
Ion Ratio Lower Upper

93 100

95 84.2 0.0 167.8

174 88.4 0.0 180.8





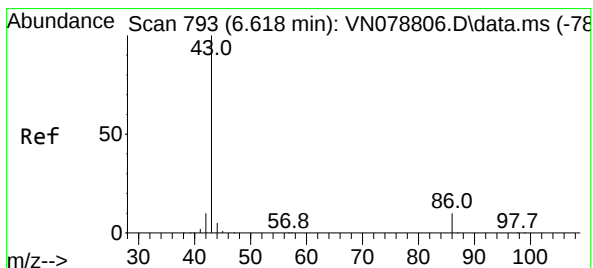
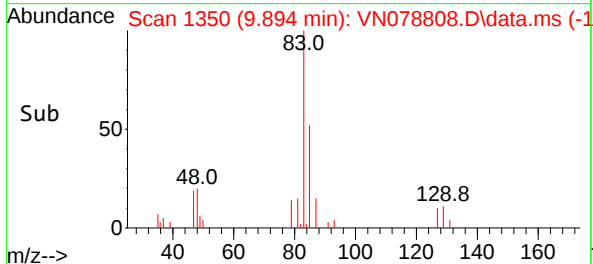
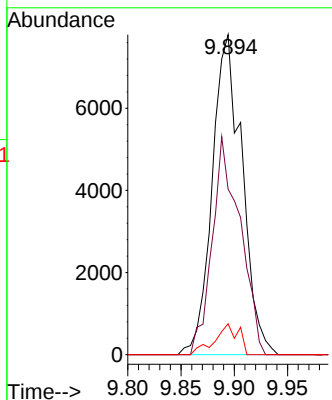
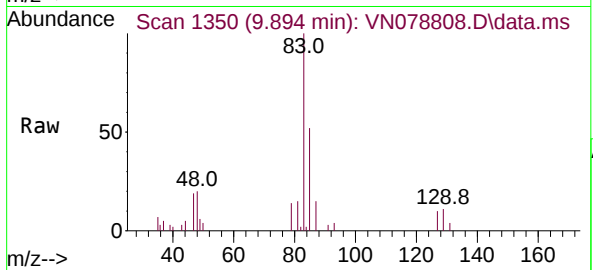
#41
Bromodichloromethane
Concen: 5.240 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1515
Ion Ratio Lower Upper
83 100
85 51.7 54.1 81.1
127 9.6 7.8 11.6

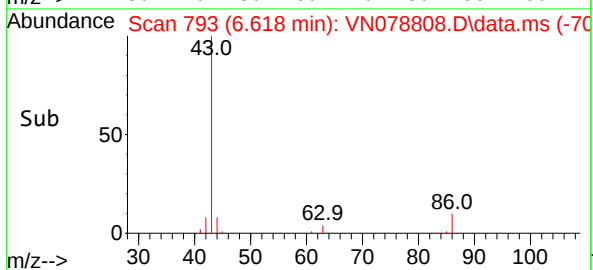
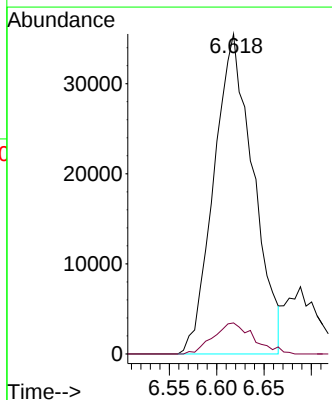
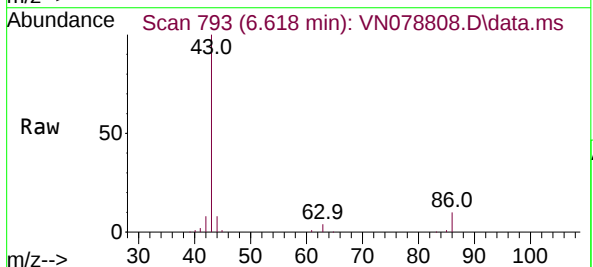
Manual Integrations
APPROVED

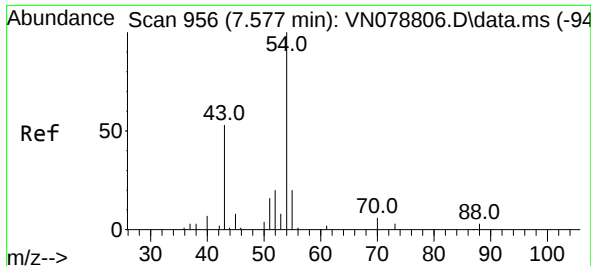
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#42
Vinyl Acetate
Concen: 29.643 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Tgt Ion: 43 Resp: 102791
Ion Ratio Lower Upper
43 100
86 9.9 9.4 14.0





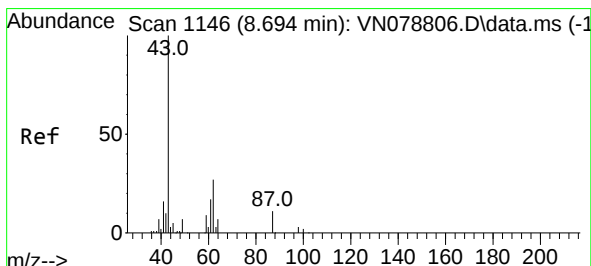
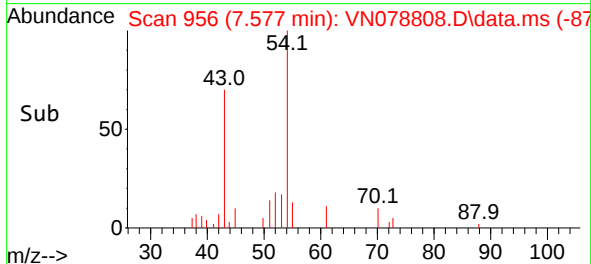
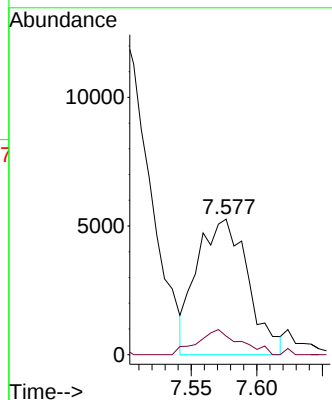
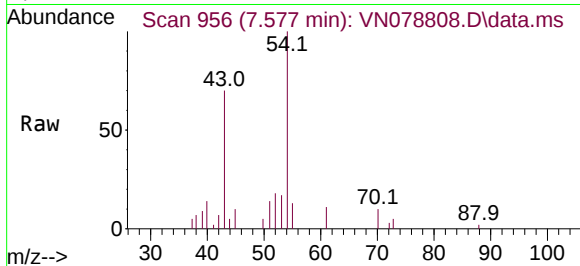
#43
Ethyl Acetate
Concen: 6.242 ug/l
RT: 7.577 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 1419
Ion Ratio Lower Upper
43 100
45 8.2 10.9 16.3

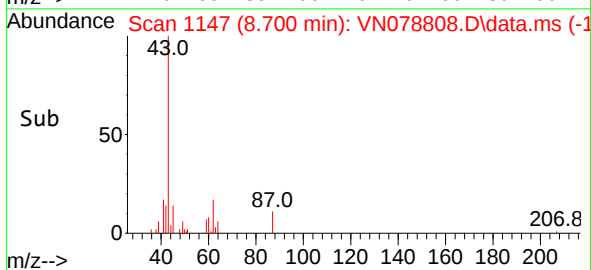
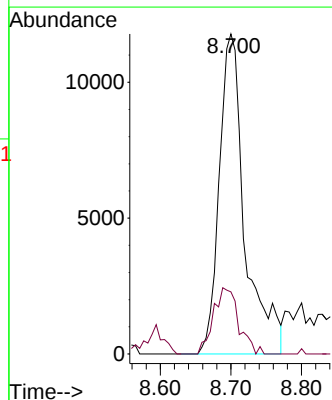
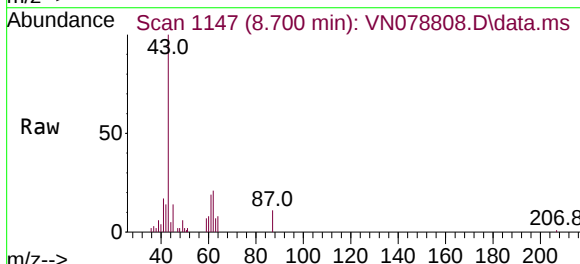
Manual Integrations
APPROVED

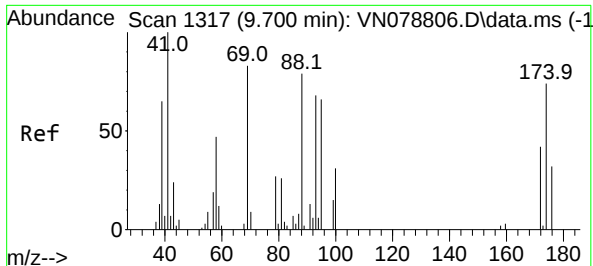
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#44
Isopropyl Acetate
Concen: 7.612 ug/l m
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Tgt Ion: 43 Resp: 29716
Ion Ratio Lower Upper
43 100
61 0.9 23.0 34.6





#45

1,4-Dioxane

Concen: 87.002 ug/l m

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078808.D

Acq: 08 Aug 2023 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

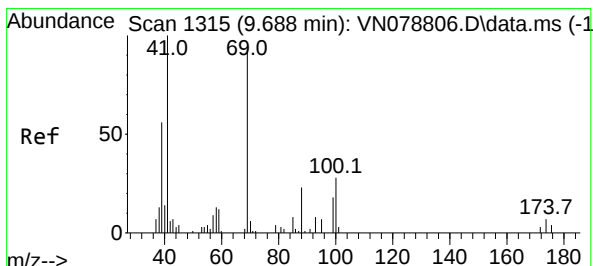
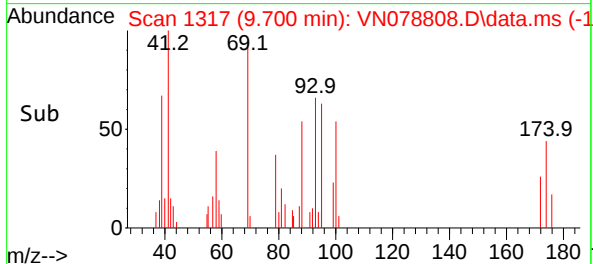
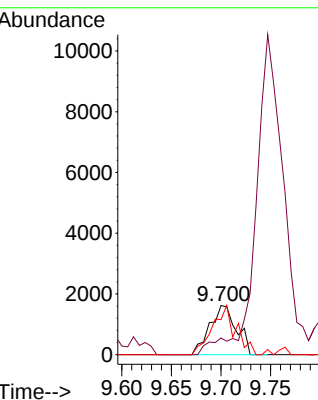
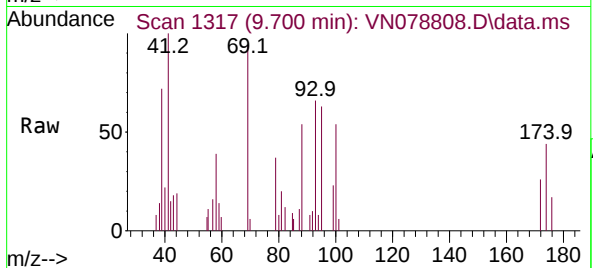
Tgt Ion: 88 Resp: 3030
 Ion Ratio Lower Upper
 88 100
 43 36.1 19.0 28.6
 58 88.0 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#46

Methyl methacrylate

Concen: 5.258 ug/l

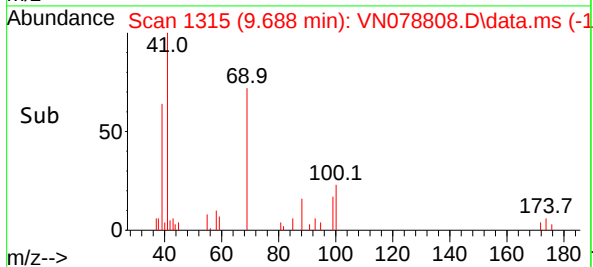
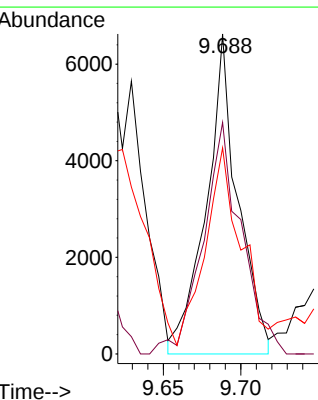
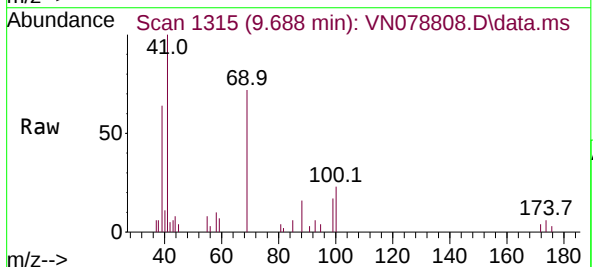
RT: 9.688 min Scan# 1315

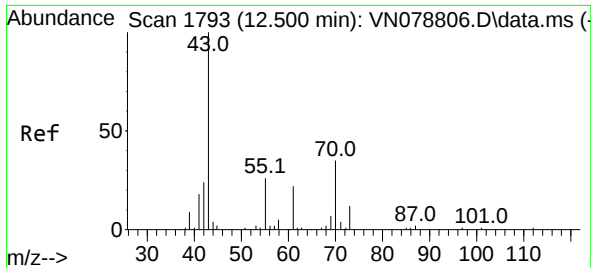
Delta R.T. -0.000 min

Lab File: VN078808.D

Acq: 08 Aug 2023 19:28

Tgt Ion: 41 Resp: 9381
 Ion Ratio Lower Upper
 41 100
 69 70.8 49.0 147.0
 39 59.1 31.6 94.8





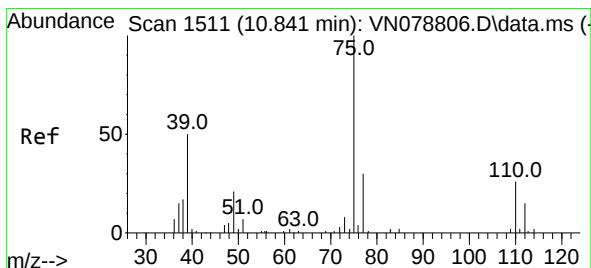
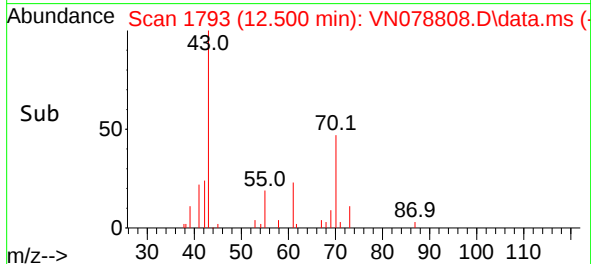
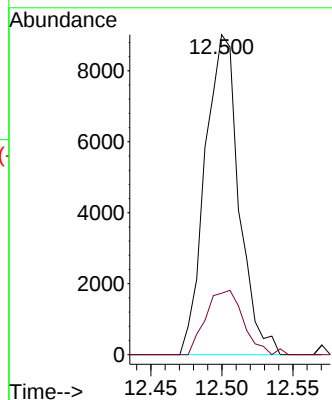
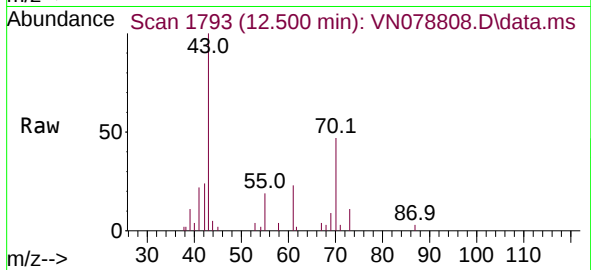
#47
n-amy1 Acetate
Concen: 4.992 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 1500
Ion Ratio Lower Upper
43 100
55 22.0 21.5 32.3

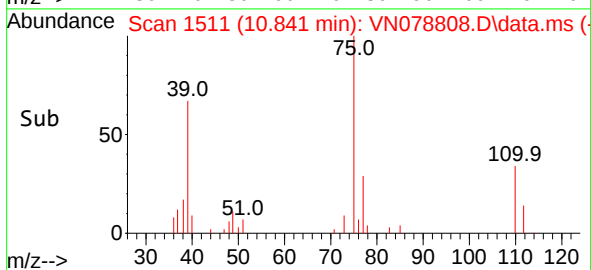
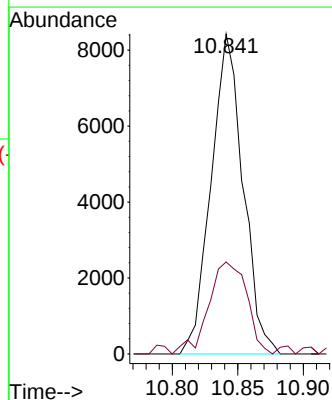
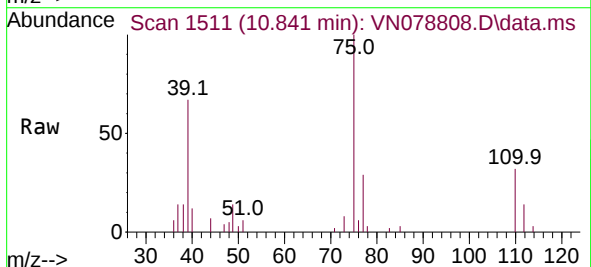
Manual Integrations
APPROVED

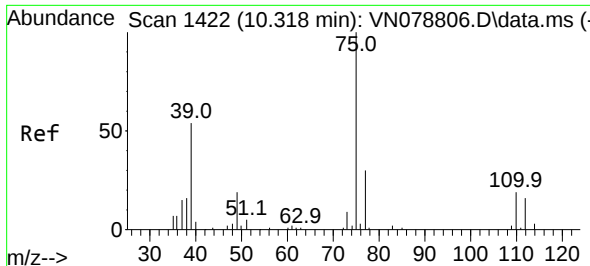
Reviewed By :John Carbone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#48
t-1,3-Dichloropropene
Concen: 4.713 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

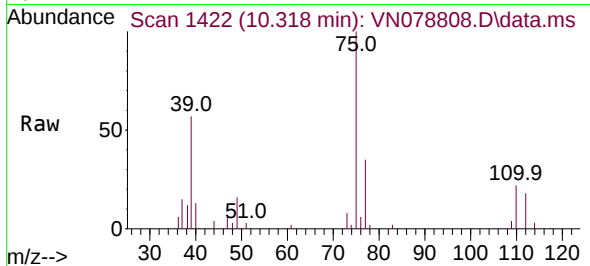
Tgt Ion: 75 Resp: 14267
Ion Ratio Lower Upper
75 100
77 26.7 26.1 39.1





#49
 cis-1,3-Dichloropropene
 Concen: 4.939 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078808.D
 Acq: 08 Aug 2023 19:28

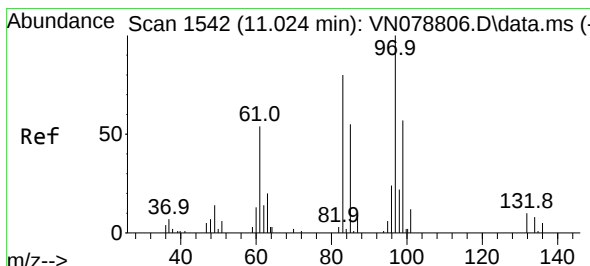
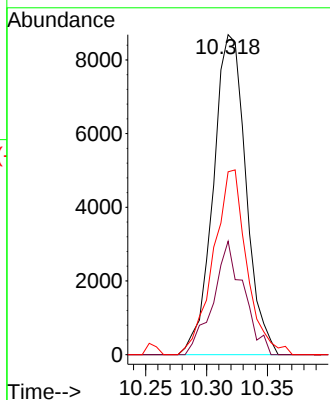
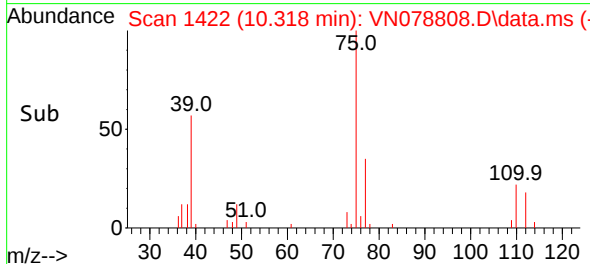
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



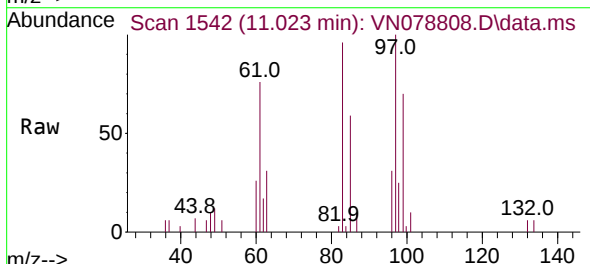
Tgt Ion: 75 Resp: 1621
 Ion Ratio Lower Upper
 75 100
 77 35.4 24.0 36.0
 39 57.1 35.1 52.7

Manual Integrations
 APPROVED

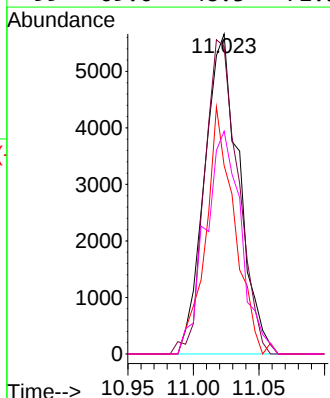
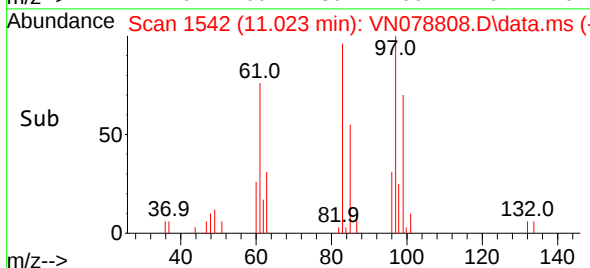
Reviewed By :John Carbone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023

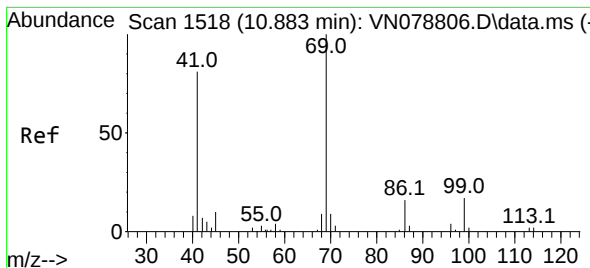


#50
 1,1,2-Trichloroethane
 Concen: 5.187 ug/l
 RT: 11.023 min Scan# 1542
 Delta R.T. -0.000 min
 Lab File: VN078808.D
 Acq: 08 Aug 2023 19:28



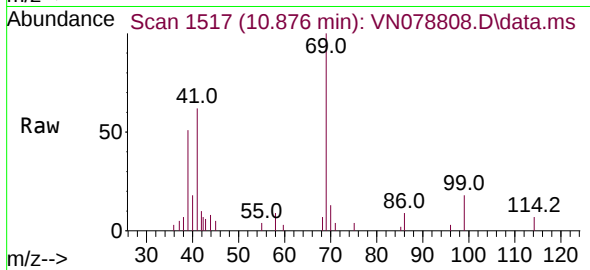
Tgt Ion: 97 Resp: 10371
 Ion Ratio Lower Upper
 97 100
 83 96.1 66.8 100.2
 85 58.9 42.5 63.7
 99 69.6 48.3 72.5





#51
Ethyl methacrylate
Concen: 4.783 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

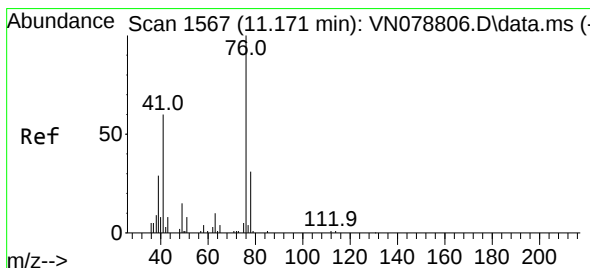
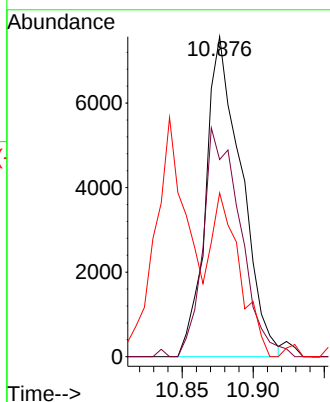
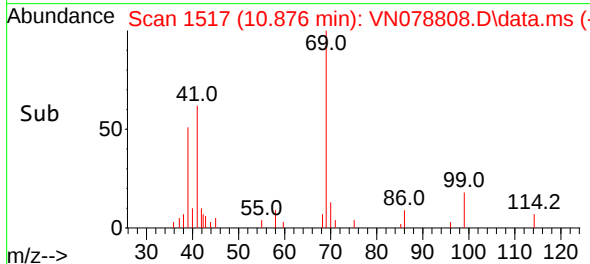
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 69 Resp: 1316
Ion Ratio Lower Upper
69 100
41 61.6 26.0 78.0
39 51.1 16.3 48.9

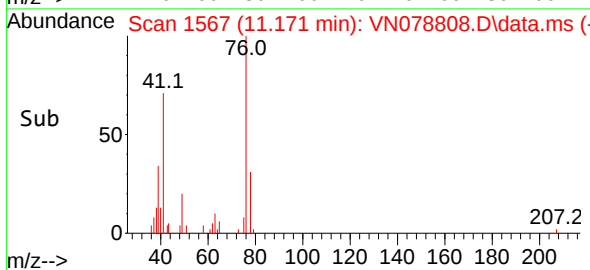
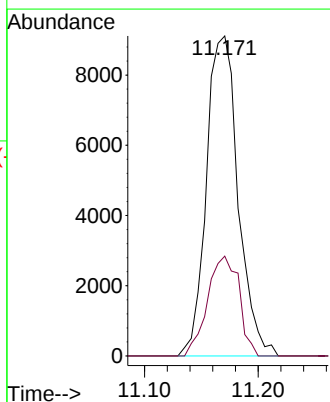
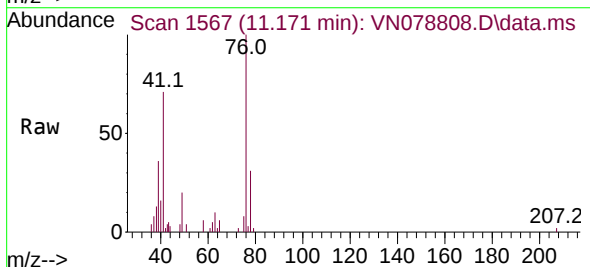
Manual Integrations
APPROVED

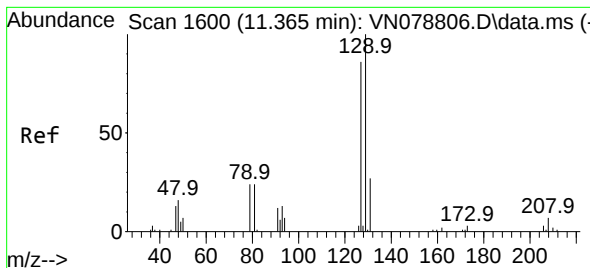
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#52
1,3-Dichloropropane
Concen: 4.856 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

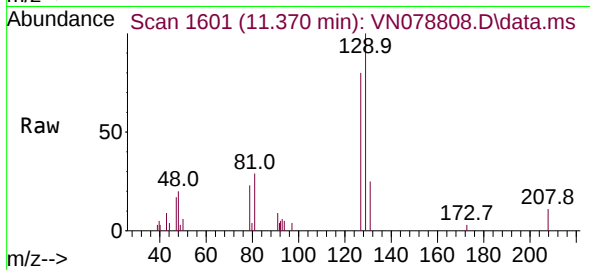
Tgt Ion: 76 Resp: 17653
Ion Ratio Lower Upper
76 100
78 31.0 0.0 66.2





#53
Dibromochloromethane
Concen: 4.728 ug/l
RT: 11.370 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

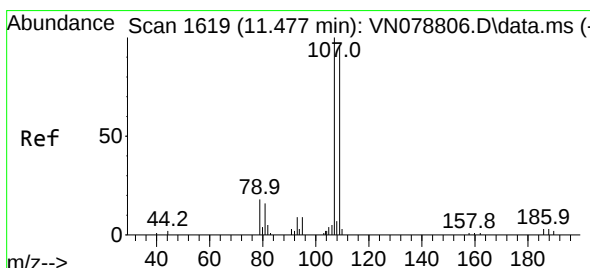
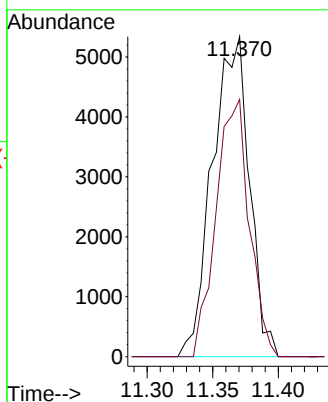
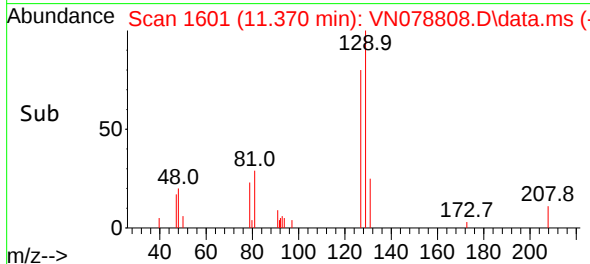
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



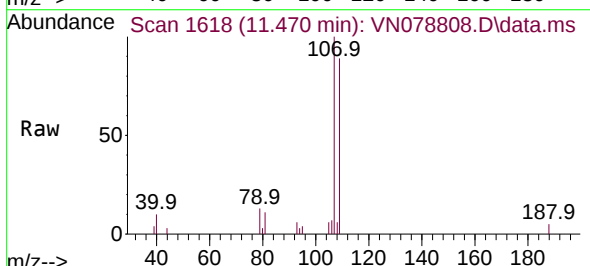
Tgt Ion:129 Resp: 10488
Ion Ratio Lower Upper
129 100
127 72.1 39.4 118.1

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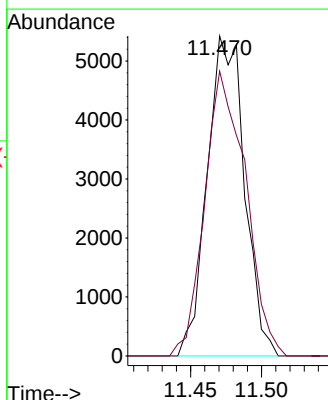
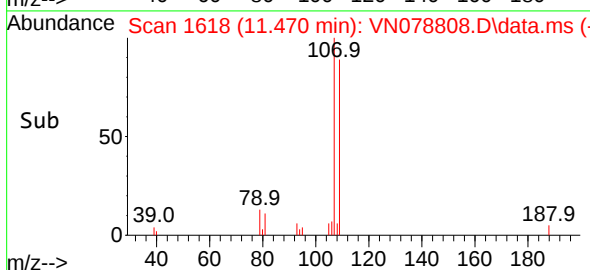
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

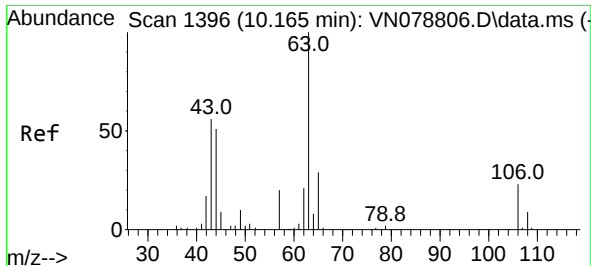


#54
1,2-Dibromoethane
Concen: 4.964 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28



Tgt Ion:107 Resp: 9898
Ion Ratio Lower Upper
107 100
109 97.4 74.6 112.0





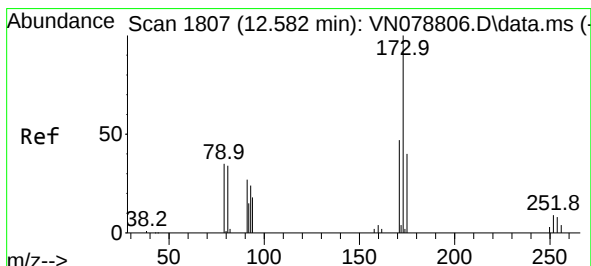
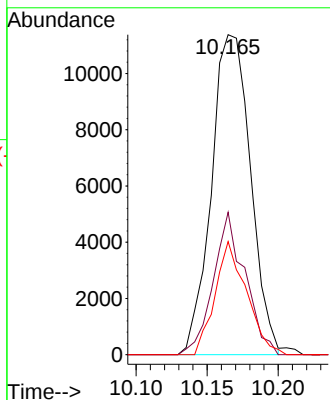
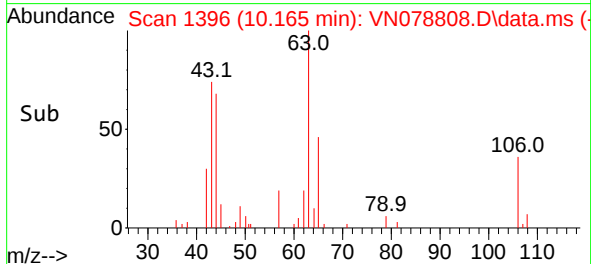
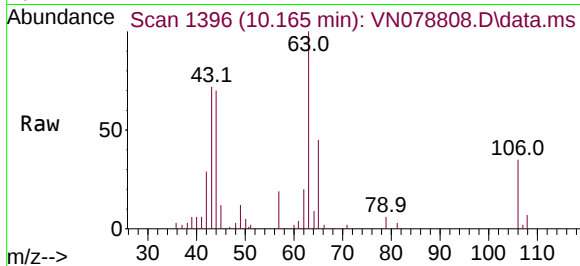
#55
2-Chloroethyl vinyl ether
Concen: 24.159 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 21829
Ion Ratio Lower Upper
63 100
65 35.9 26.3 39.5
106 28.4 23.8 35.6

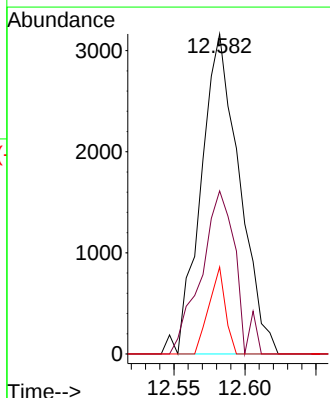
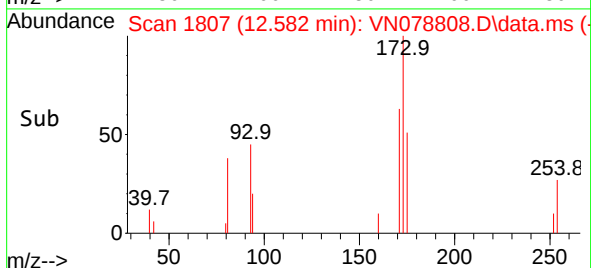
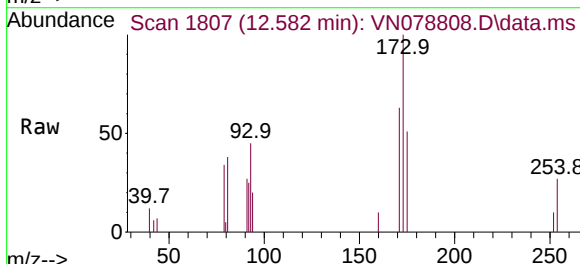
Manual Integrations
APPROVED

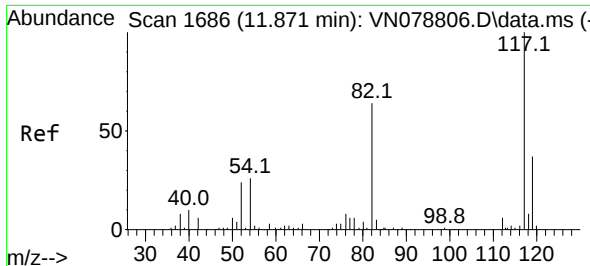
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#56
Bromoform
Concen: 4.010 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Tgt Ion:173 Resp: 5912
Ion Ratio Lower Upper
173 100
175 43.7 40.7 61.1
254 11.7 6.5 9.7#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

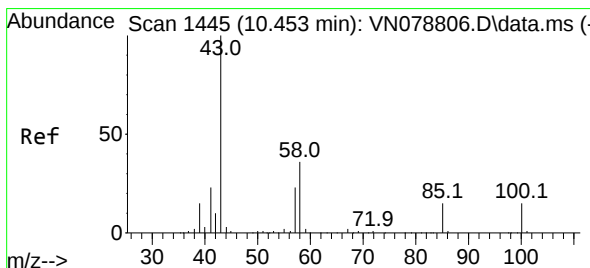
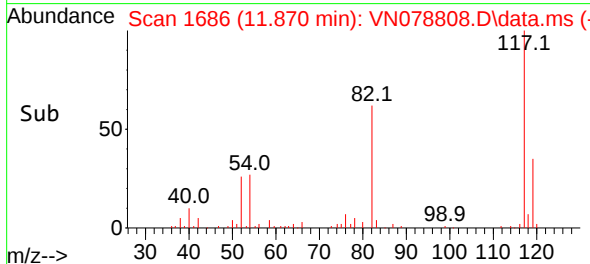
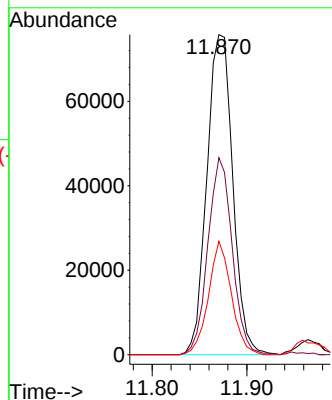
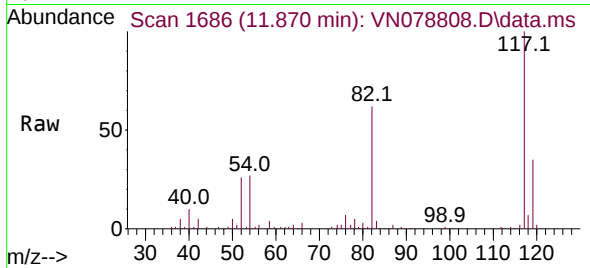
Tgt Ion:117 Resp: 144298
Ion Ratio Lower Upper
117 100
82 57.6 43.9 65.9
119 31.3 26.2 39.4

Manual Integrations

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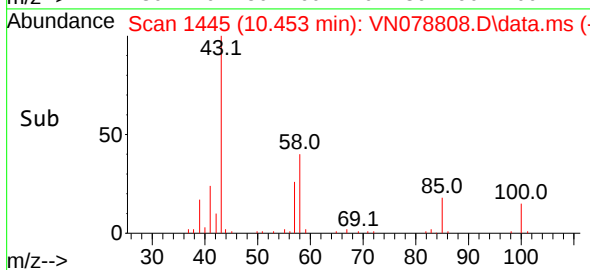
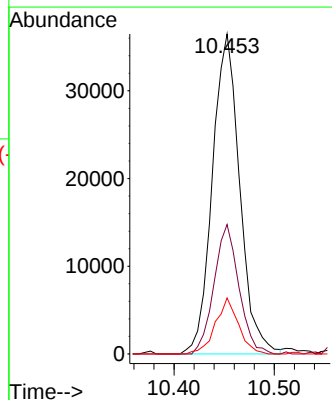
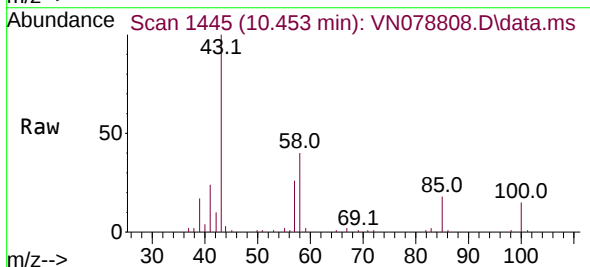
Reviewed By :John Carlone 08/09/2023

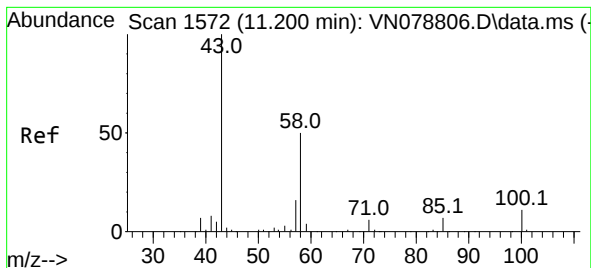
Supervised By :Semsettin Yesilyurt 08/09/2023



#58
4-Methyl-2-Pentanone
Concen: 29.537 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Tgt Ion: 43 Resp: 69140
Ion Ratio Lower Upper
43 100
58 36.8 32.6 48.8
85 14.7 16.2 24.2#





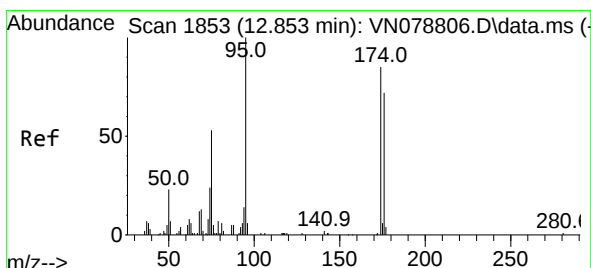
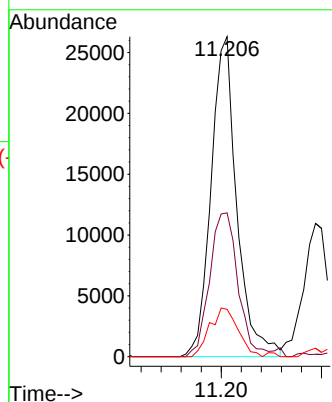
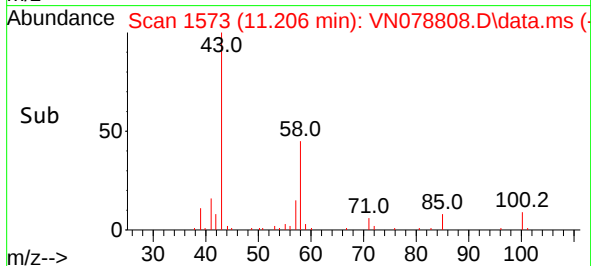
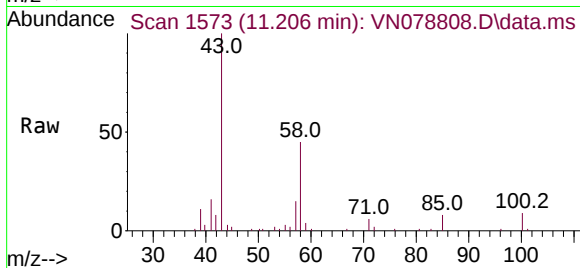
#59
2-Hexanone
Concen: 27.141 ug/l
RT: 11.206 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 4696
Ion Ratio Lower Upper
43 100
58 49.4 45.9 68.9
57 16.6 15.8 23.6

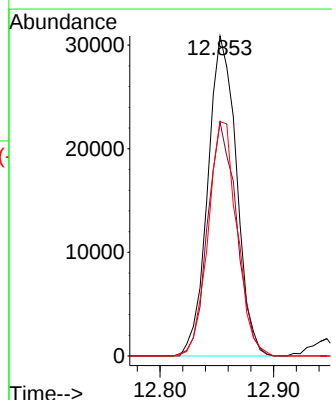
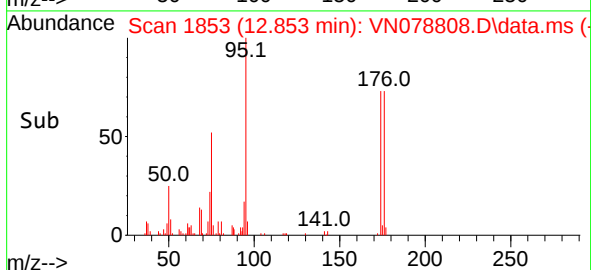
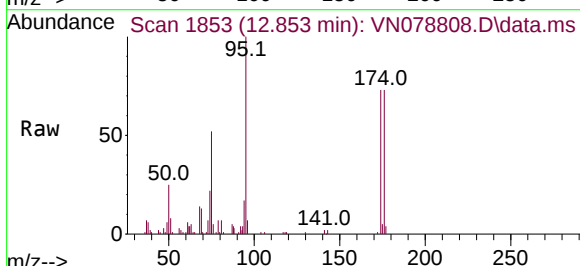
Manual Integrations
APPROVED

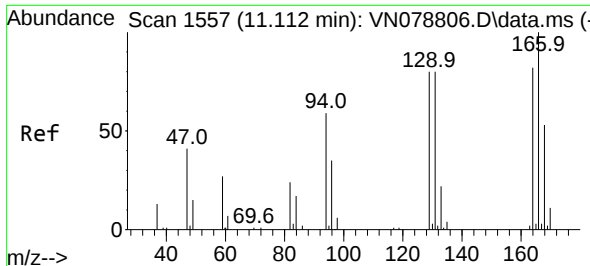
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#60
4-Bromofluorobenzene
Concen: 24.728 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

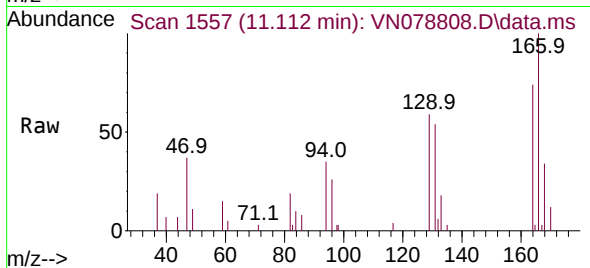
Tgt Ion: 95 Resp: 54065
Ion Ratio Lower Upper
95 100
174 74.0 61.7 92.5
176 73.8 58.1 87.1





#61
Tetrachloroethene
Concen: 4.721 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

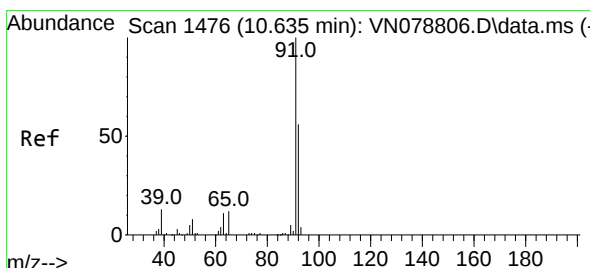
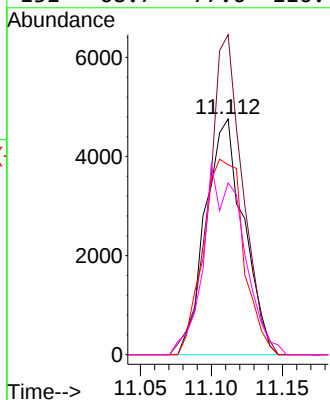
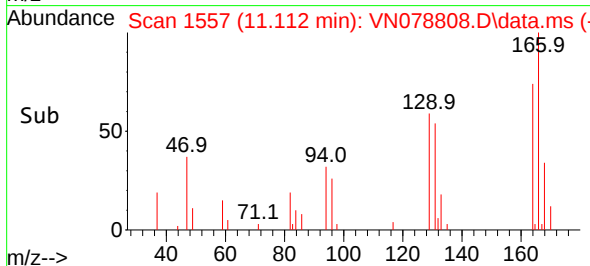
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:164 Resp: 890
Ion Ratio Lower Upper
164 100
166 135.8 99.1 148.7
129 80.6 85.6 128.4
131 68.7 77.6 116.4#

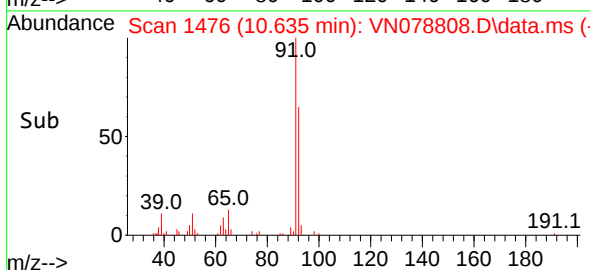
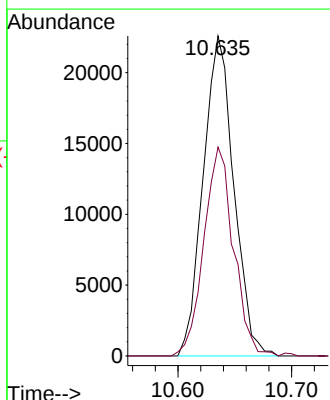
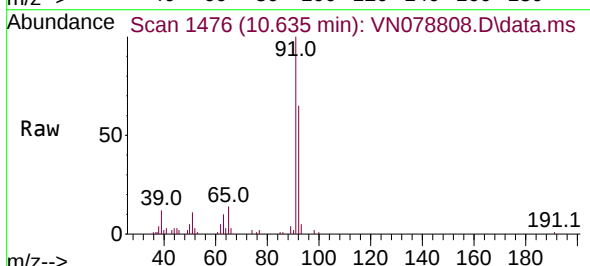
Manual Integrations
APPROVED

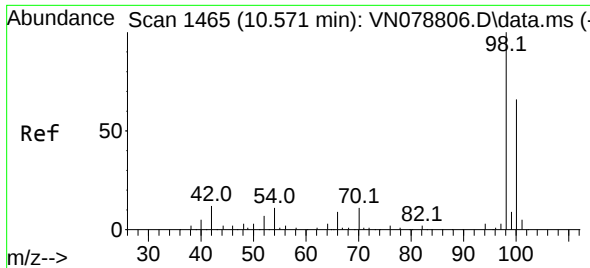
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#62
Toluene
Concen: 4.811 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

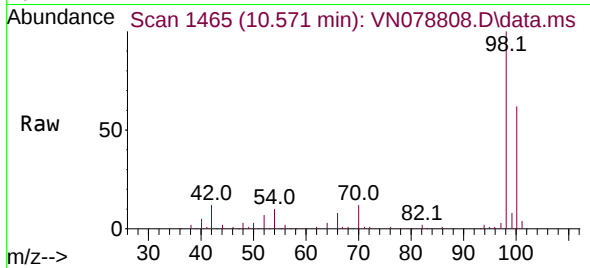
Tgt Ion: 91 Resp: 42462
Ion Ratio Lower Upper
91 100
92 62.8 45.2 67.8





#63
Toluene-d8
Concen: 30.234 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

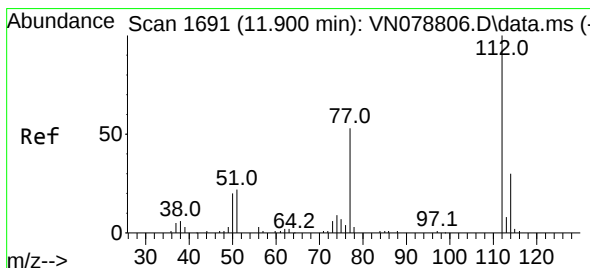
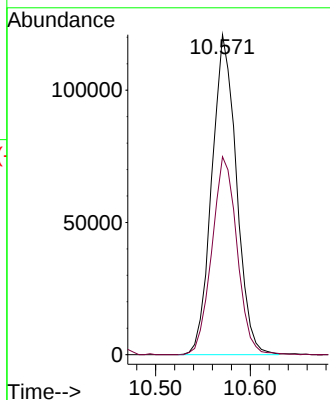
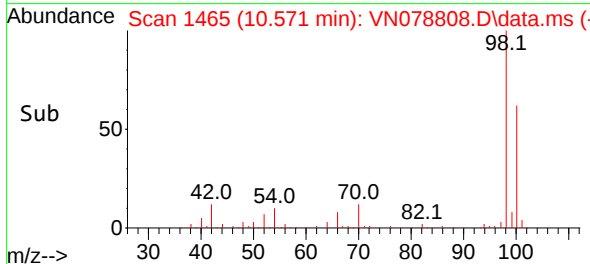
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



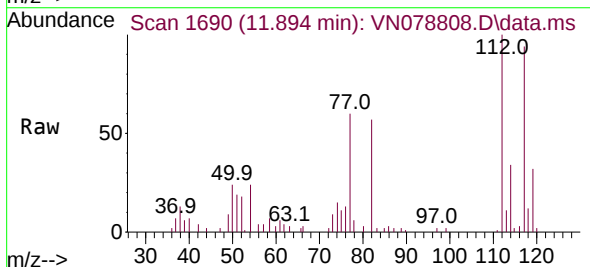
Tgt Ion: 98 Resp: 218420
Ion Ratio Lower Upper
98 100
100 63.3 49.7 74.5

Manual Integrations
APPROVED

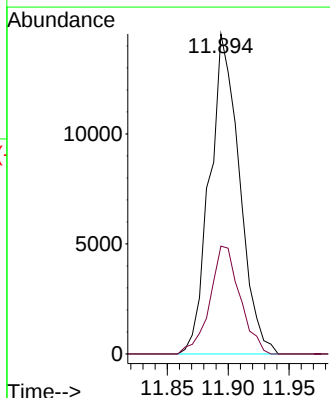
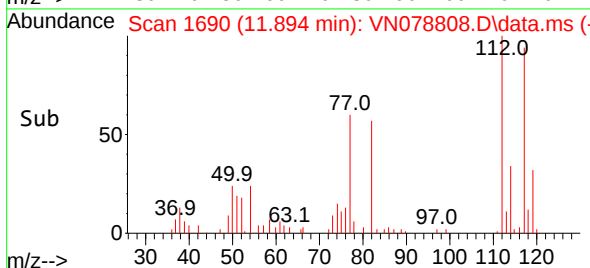
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

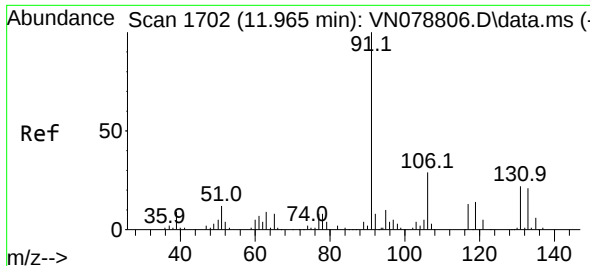


#64
Chlorobenzene
Concen: 4.830 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28



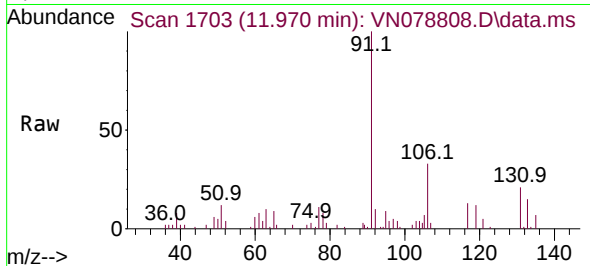
Tgt Ion:112 Resp: 24756
Ion Ratio Lower Upper
112 100
114 33.7 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 4.857 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

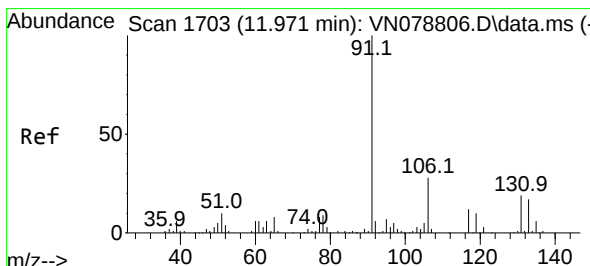
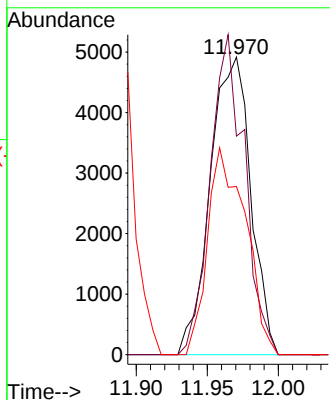
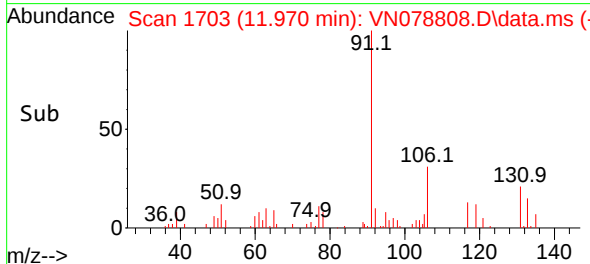
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:131 Resp: 974
Ion Ratio Lower Upper
131 100
133 90.8 0.0 191.8
119 65.2 0.0 132.0

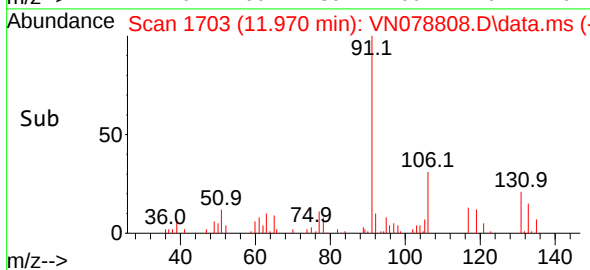
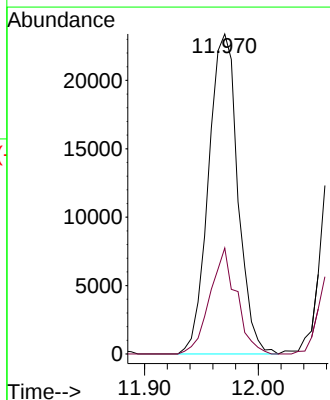
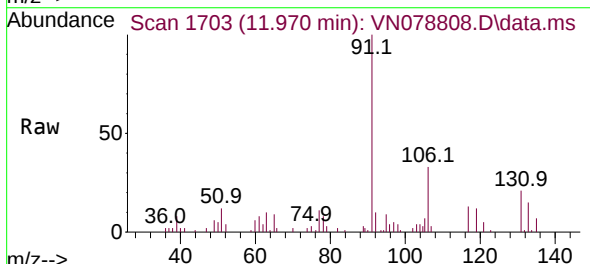
Manual Integrations
APPROVED

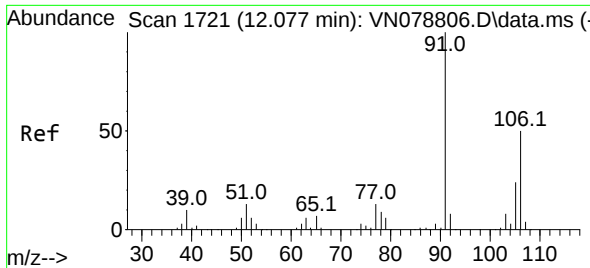
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#66
Ethyl Benzene
Concen: 4.695 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Tgt Ion: 91 Resp: 41996
Ion Ratio Lower Upper
91 100
106 33.1 25.6 38.4





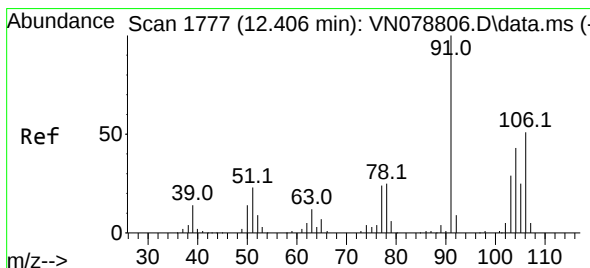
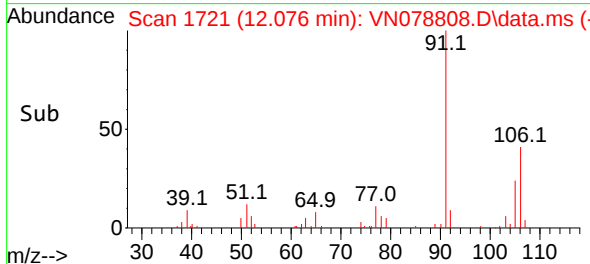
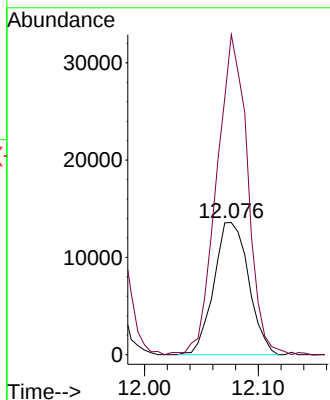
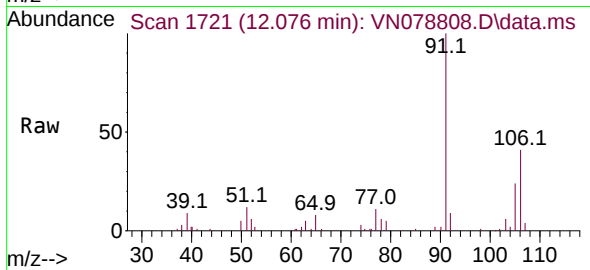
#67
m/p-Xylenes
Concen: 8.543 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 2886
Ion Ratio Lower Upper
106 100
91 214.7 162.5 243.7

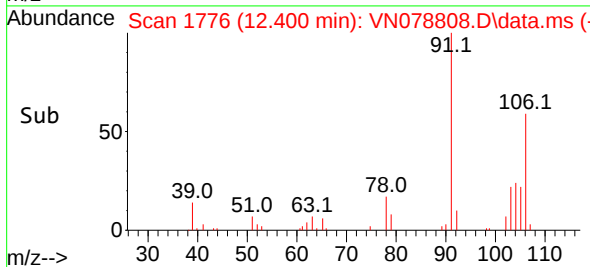
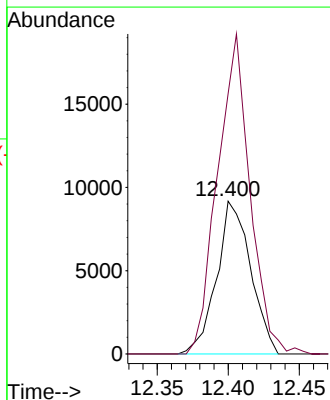
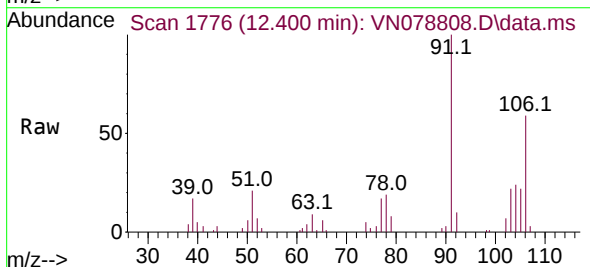
Manual Integrations
APPROVED

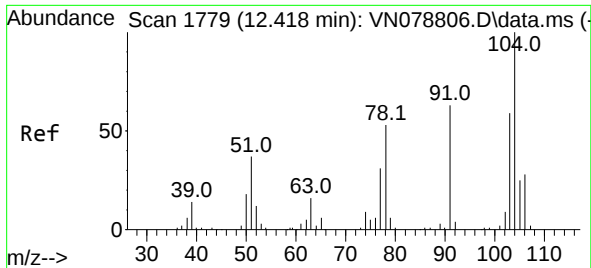
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#68
o-Xylene
Concen: 4.415 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Tgt Ion:106 Resp: 15278
Ion Ratio Lower Upper
106 100
91 198.9 106.1 318.3





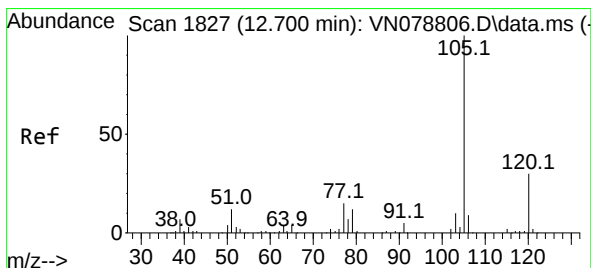
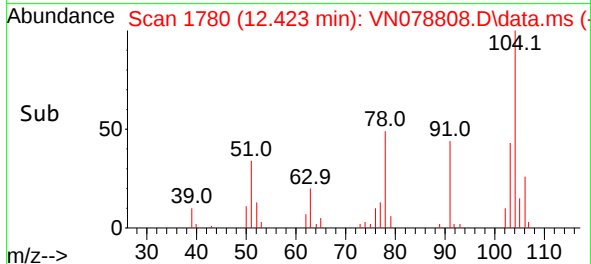
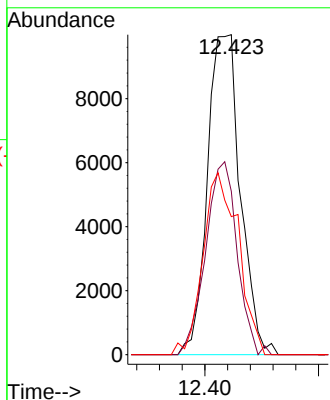
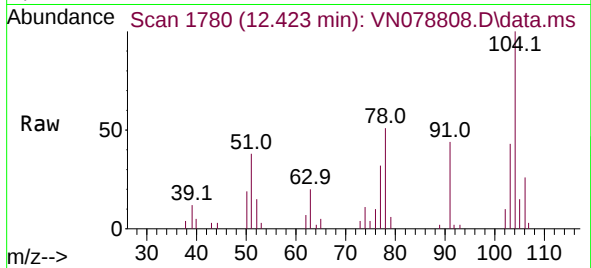
#69
Styrene
Concen: 3.642 ug/l
RT: 12.423 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:104 Resp: 20160
Ion Ratio Lower Upper
104 100
78 57.0 40.1 60.1
103 46.9 45.1 67.7

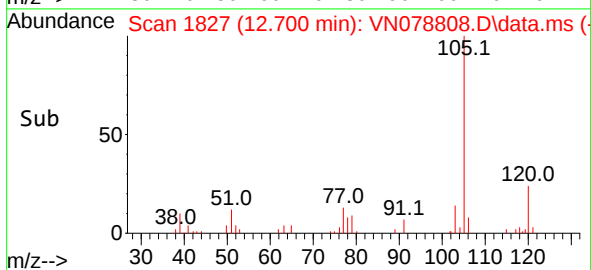
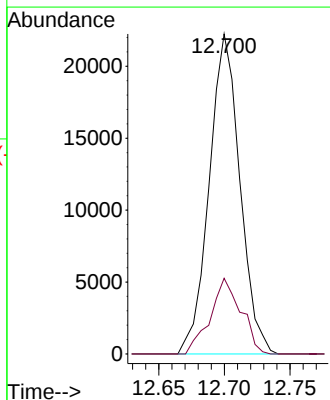
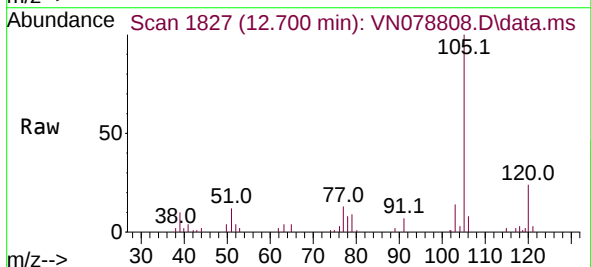
Manual Integrations
APPROVED

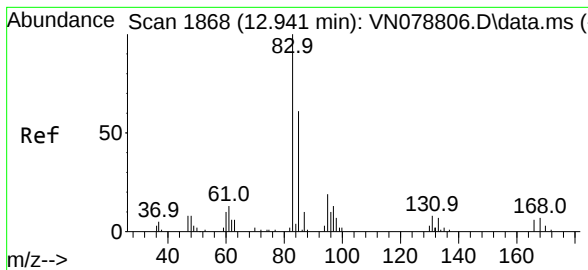
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#70
Isopropylbenzene
Concen: 4.253 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

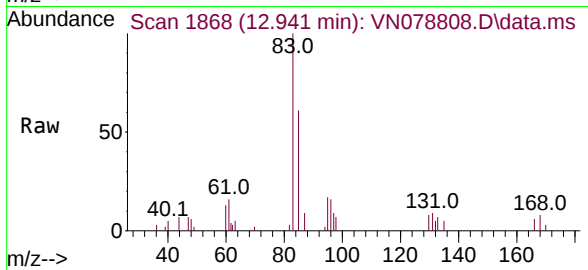
Tgt Ion:105 Resp: 36204
Ion Ratio Lower Upper
105 100
120 23.7 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 5.062 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

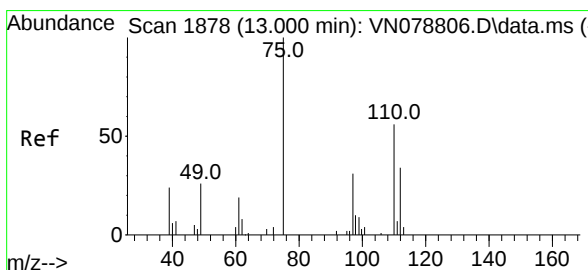
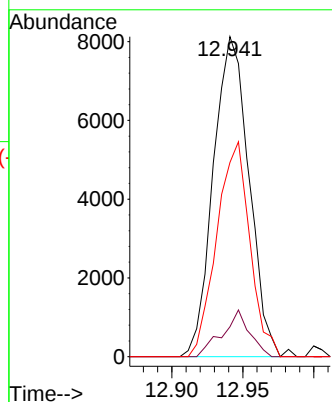
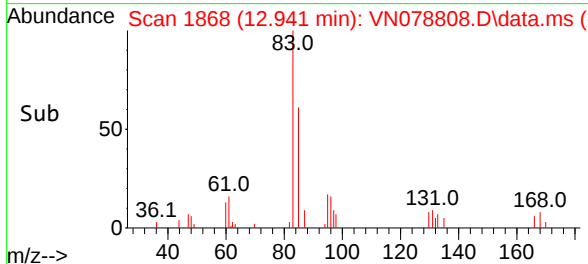
Instrument : MSVOA_N
ClientSampleId : VSTDIC005



Tgt Ion: 83 Resp: 14170
Ion Ratio Lower Upper
83 100
131 11.2 4.8 14.4
85 62.4 32.6 98.0

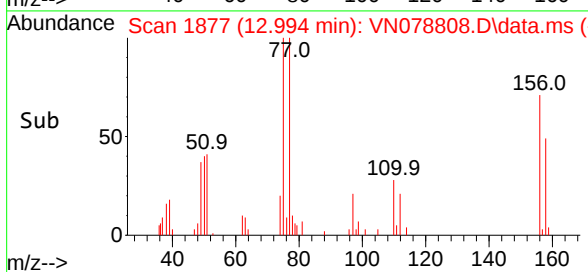
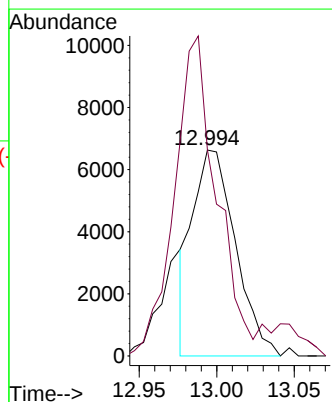
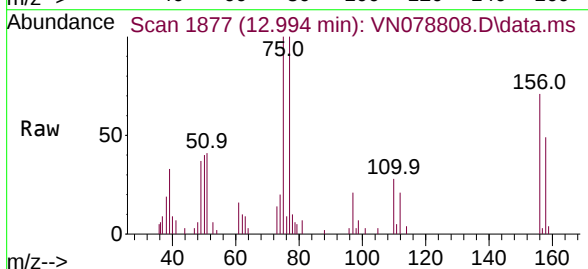
Manual Integrations
APPROVED

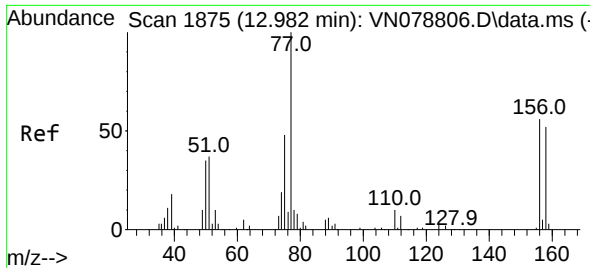
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#72
1,2,3-Trichloropropane
Concen: 5.600 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Tgt Ion: 75 Resp: 12765
Ion Ratio Lower Upper
75 100
77 152.4 0.0 387.4





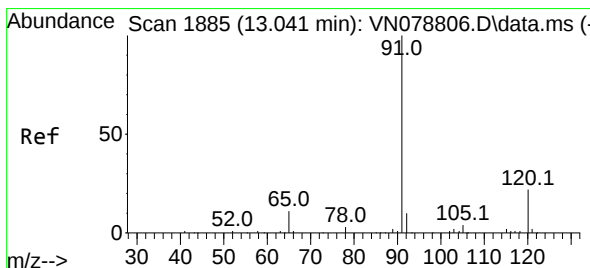
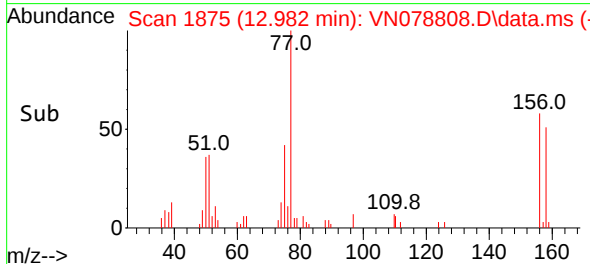
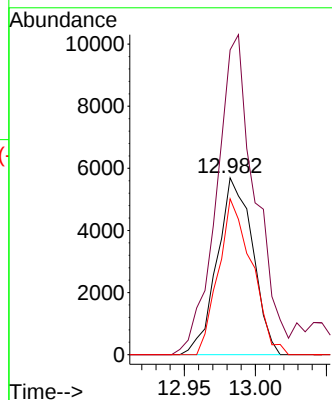
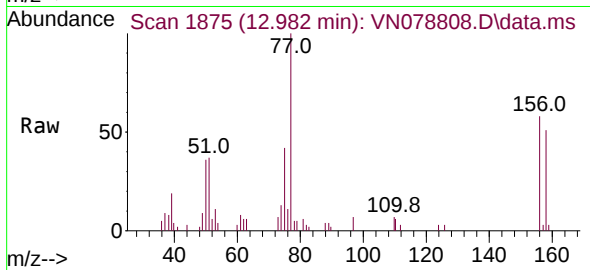
#73
Bromobenzene
Concen: 4.775 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
156	100		
77	196.5	0.0	420.8
158	82.8	0.0	193.2

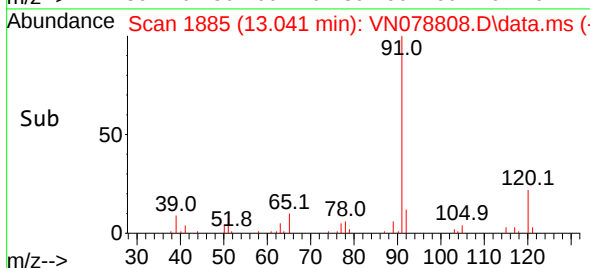
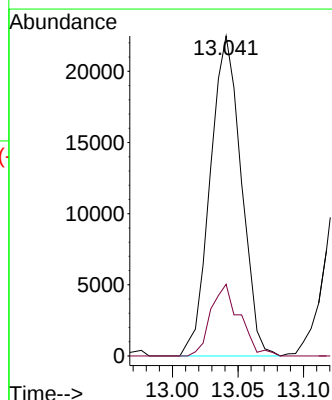
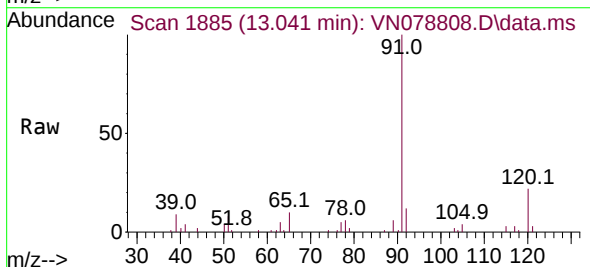
Manual Integrations
APPROVED

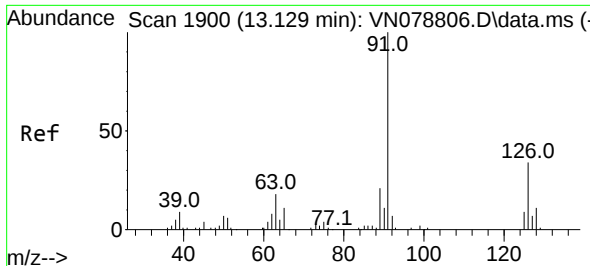
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#74
n-propylbenzene
Concen: 3.892 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Tgt Ion	Ratio	Lower	Upper
91	100		
120	20.3	0.0	44.6





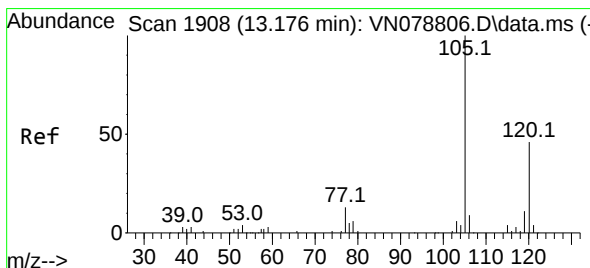
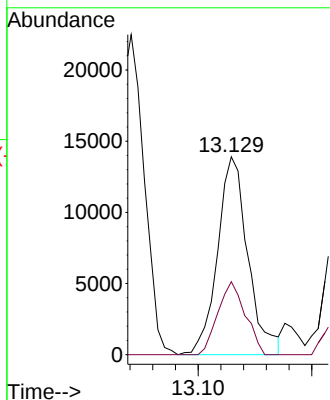
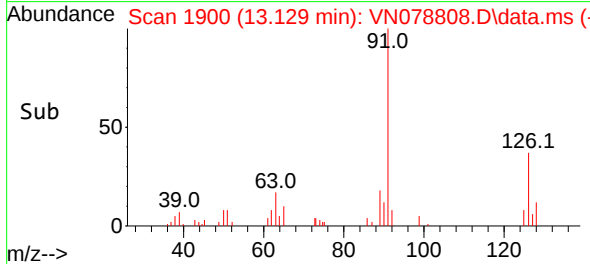
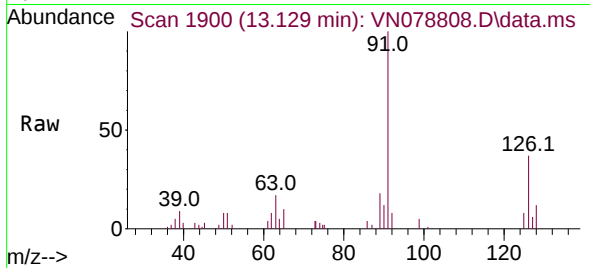
#75
2-Chlorotoluene
Concen: 3.956 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 25879
Ion Ratio Lower Upper
91 100
126 33.2 0.0 67.2

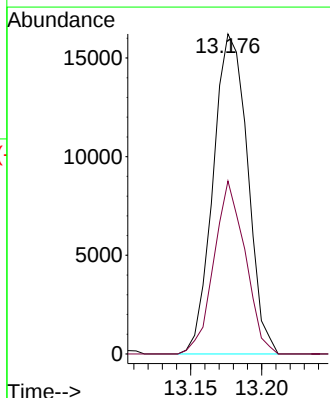
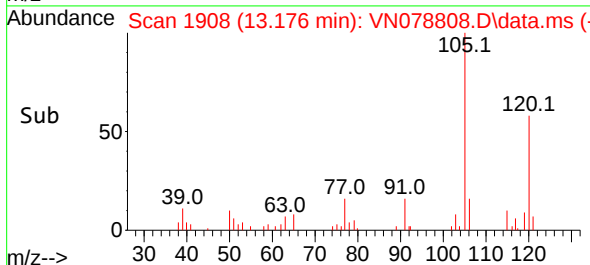
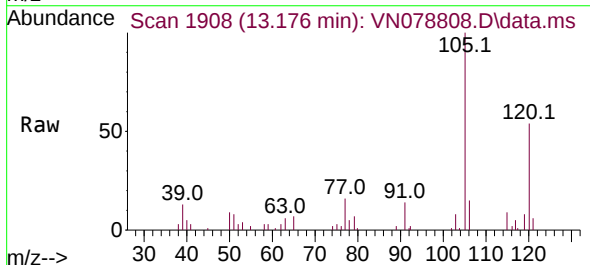
Manual Integrations
APPROVED

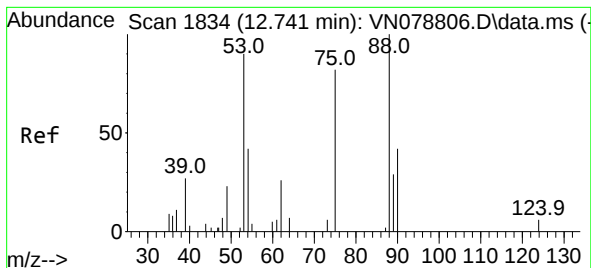
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 3.599 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

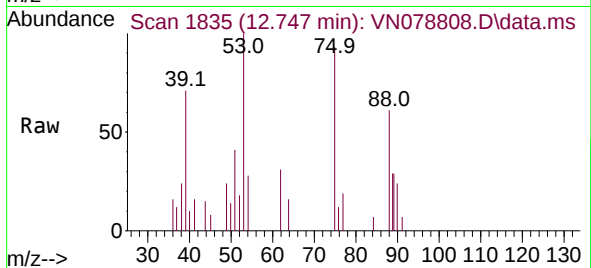
Tgt Ion:105 Resp: 27375
Ion Ratio Lower Upper
105 100
120 49.0 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 4.035 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

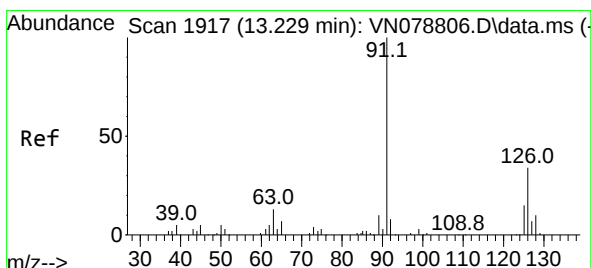
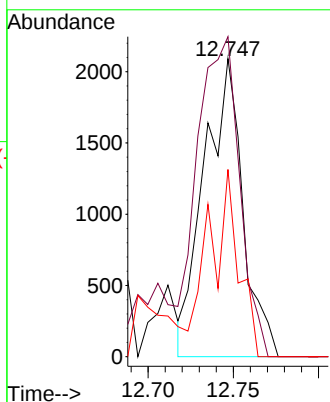
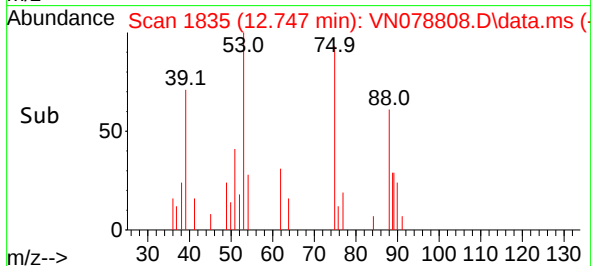
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



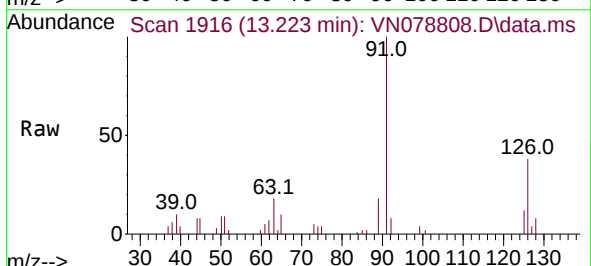
Tgt Ion: 75 Resp: 328
Ion Ratio Lower Upper
75 100
53 107.4 41.6 124.9
89 62.8 25.1 75.4

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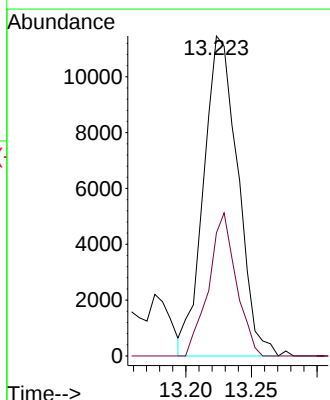
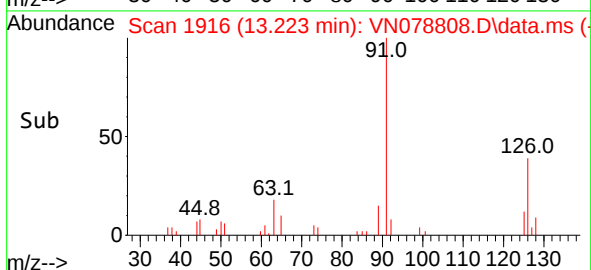
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

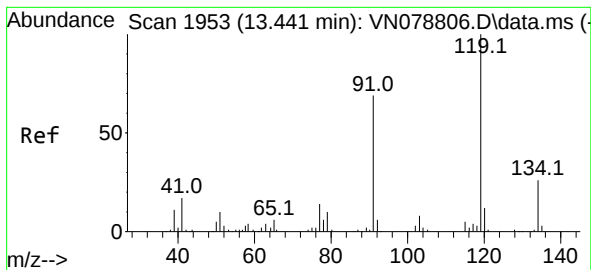


#78
4-Chlorotoluene
Concen: 3.336 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28



Tgt Ion: 91 Resp: 20802
Ion Ratio Lower Upper
91 100
126 36.0 0.0 68.8





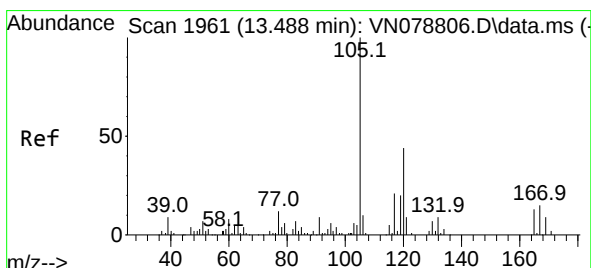
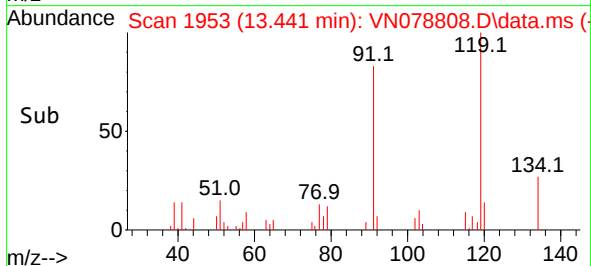
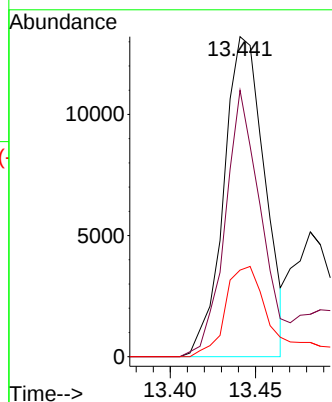
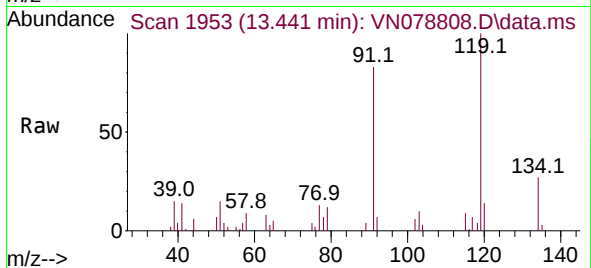
#79
tert-butylbenzene
Concen: 3.382 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 22040
Ion Ratio Lower Upper
119 100
91 73.9 0.0 126.6
134 28.9 0.0 44.0

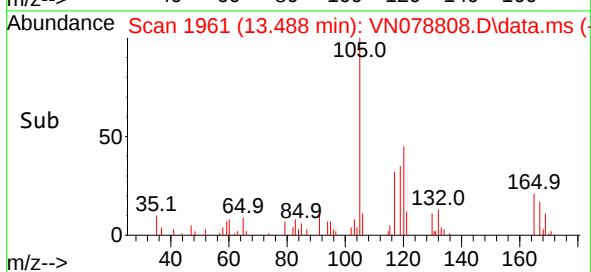
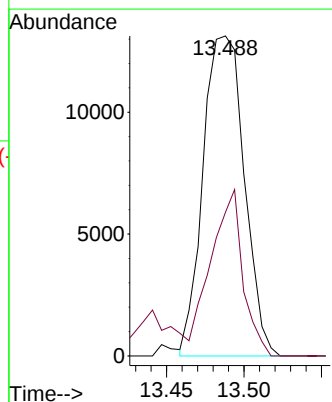
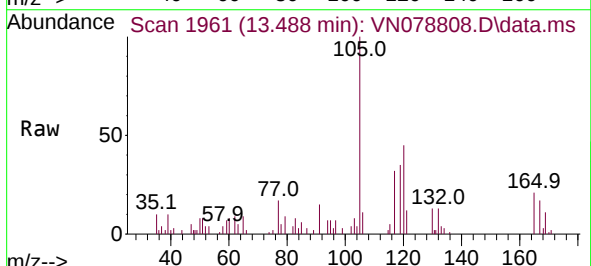
Manual Integrations
APPROVED

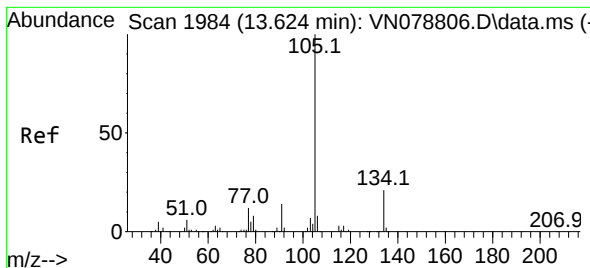
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#80
1,2,4-Trimethylbenzene
Concen: 3.363 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Tgt Ion:105 Resp: 24272
Ion Ratio Lower Upper
105 100
120 40.2 0.0 88.2





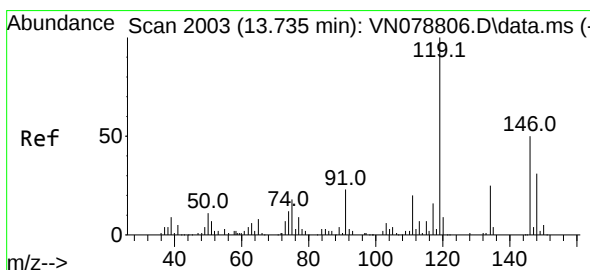
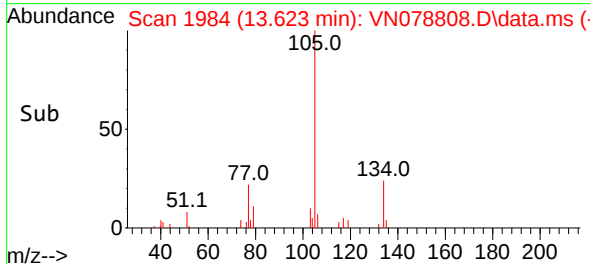
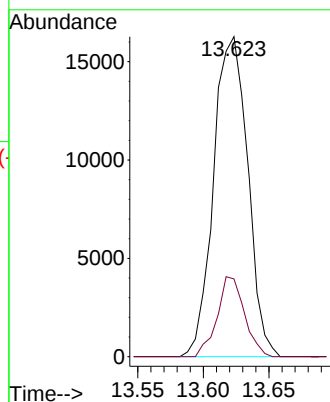
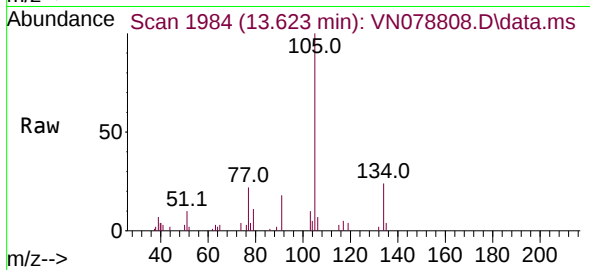
#81
 sec-Butylbenzene
 Concen: 3.494 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078808.D
 Acq: 08 Aug 2023 19:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 29472
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 38.6

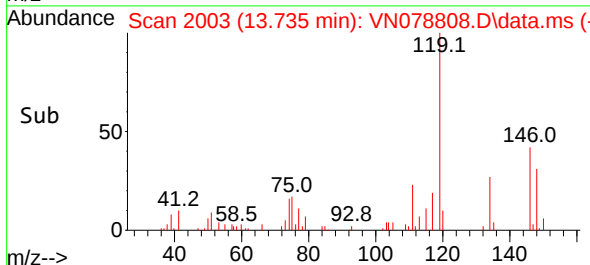
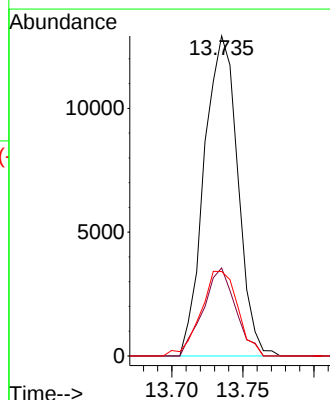
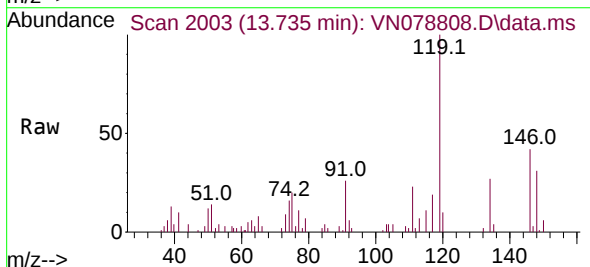
Manual Integrations
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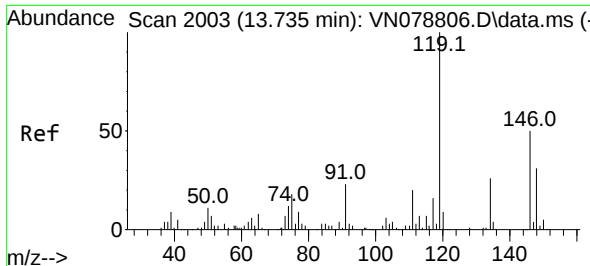
Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023



#82
 p-Isopropyltoluene
 Concen: 3.126 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078808.D
 Acq: 08 Aug 2023 19:28

Tgt Ion:119 Resp: 21263
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 52.4
 91 29.1 0.0 48.2





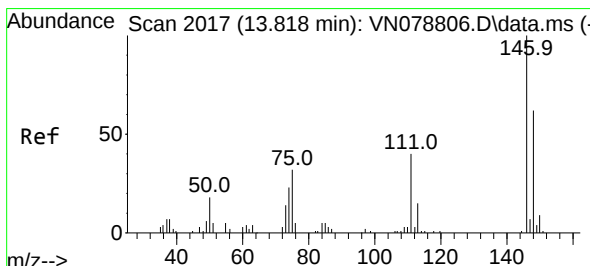
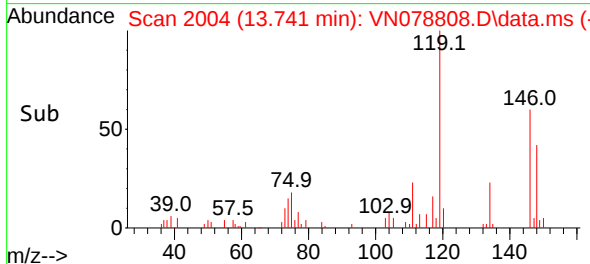
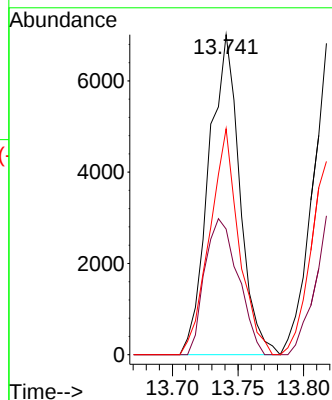
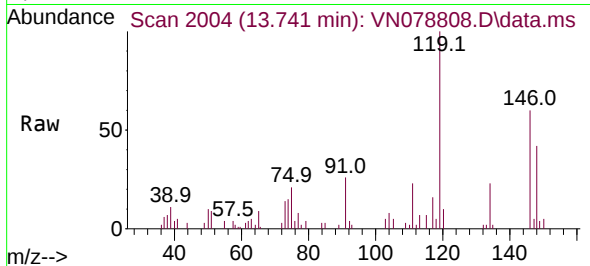
#83
1,3-Dichlorobenzene
Concen: 3.142 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 1148
Ion Ratio Lower Upper
146 100
111 46.0 21.6 64.6
148 67.1 31.9 95.5

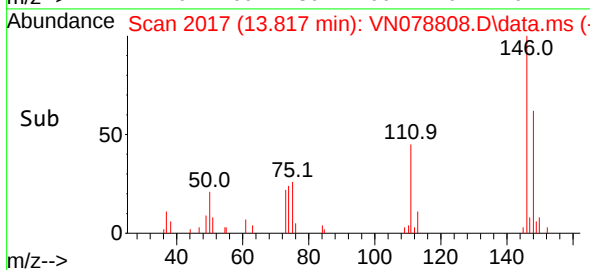
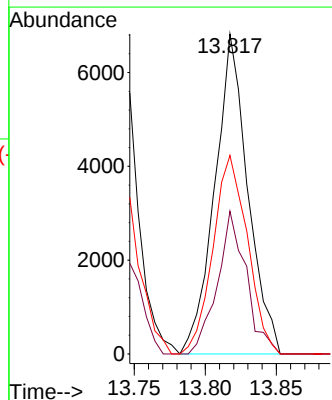
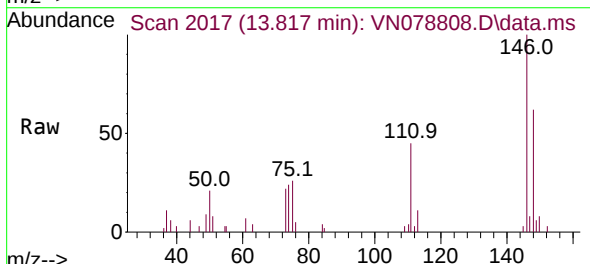
Manual Integrations
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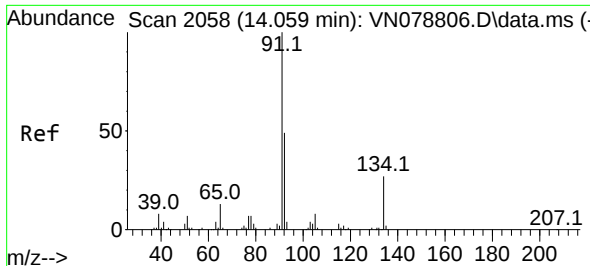
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#84
1,4-Dichlorobenzene
Concen: 3.221 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Tgt Ion:146 Resp: 11041
Ion Ratio Lower Upper
146 100
111 38.9 19.4 58.2
148 64.7 31.4 94.3





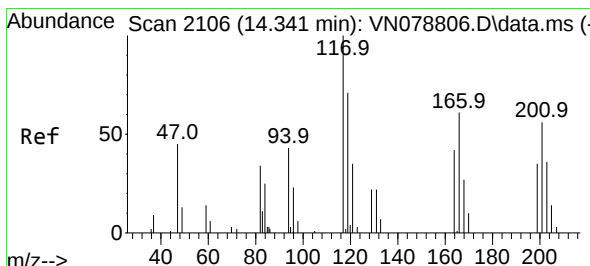
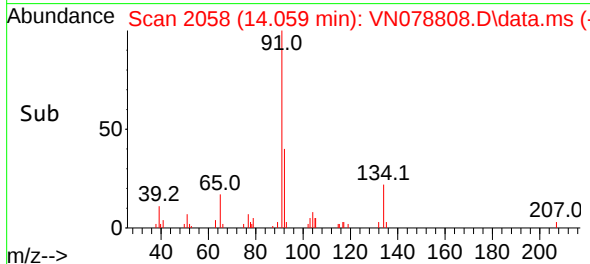
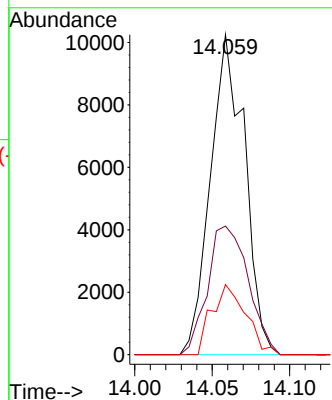
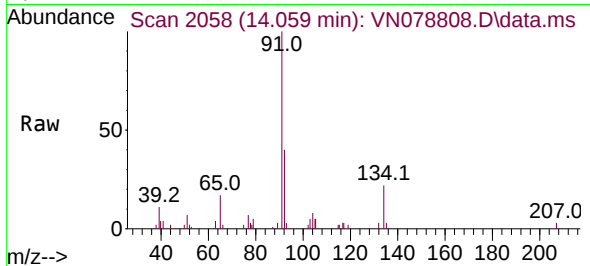
#85
n-Butylbenzene
Concen: 3.323 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 15740
Ion Ratio Lower Upper
91 100
92 47.8 0.0 99.6
134 21.8 0.0 50.0

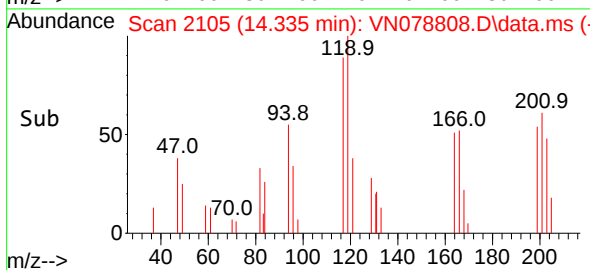
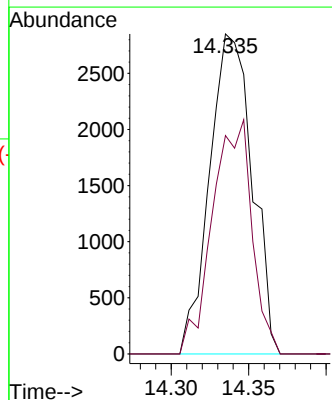
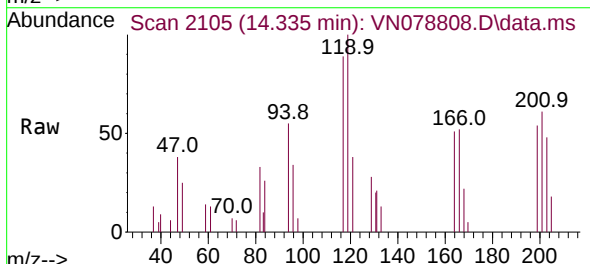
Manual Integrations
APPROVED

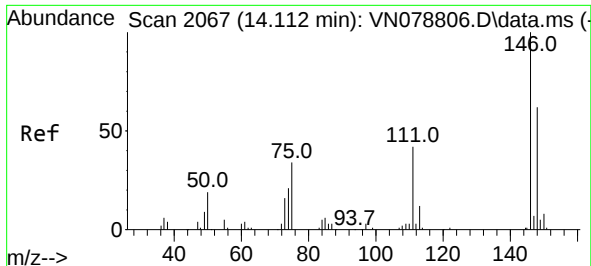
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#86
Hexachloroethane
Concen: 4.340 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

Tgt Ion:117 Resp: 5463
Ion Ratio Lower Upper
117 100
201 67.4 34.2 102.6





#87

1,2-Dichlorobenzene

Concen: 3.372 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN078808.D

Acq: 08 Aug 2023 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

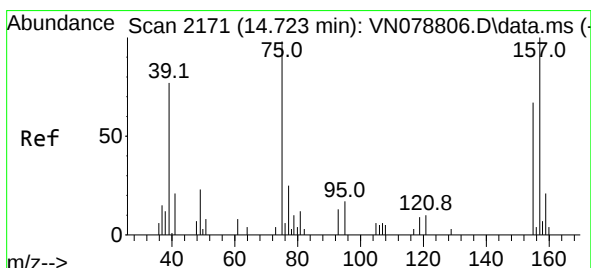
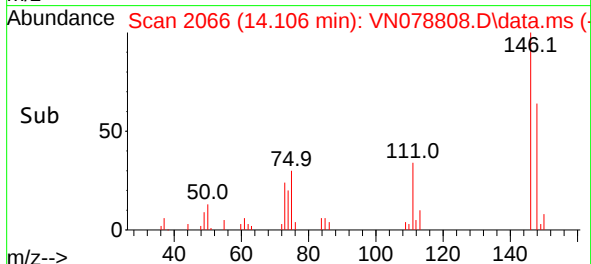
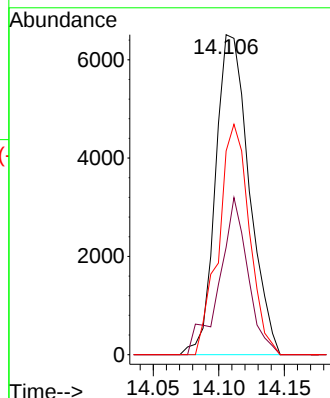
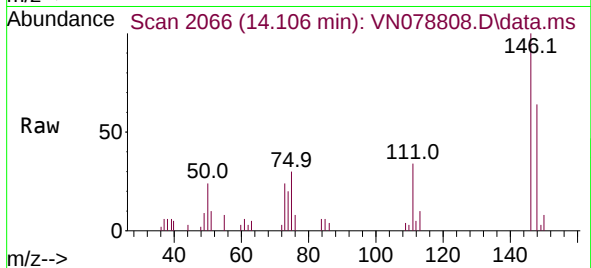
Tgt Ion:146	Resp:	11600
Ion Ratio	Lower	Upper
146	100	
111	36.3	22.4 67.3
148	65.8	33.4 100.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 3.798 ug/l

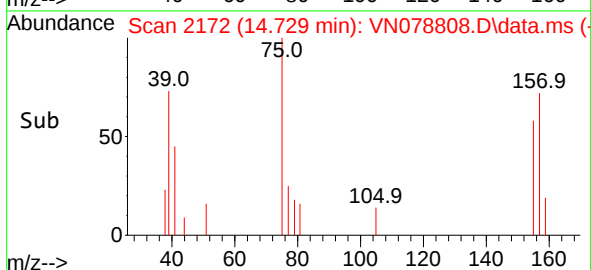
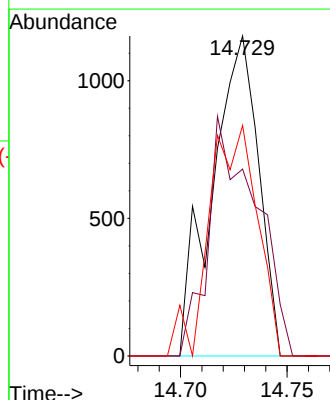
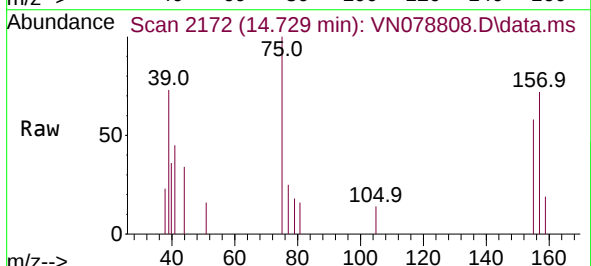
RT: 14.729 min Scan# 2172

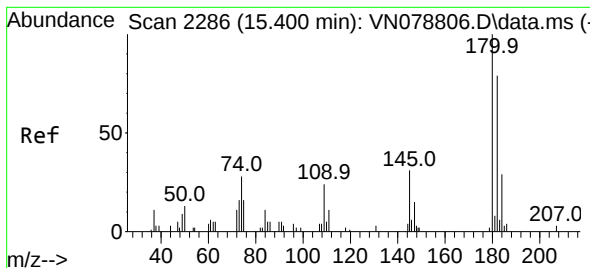
Delta R.T. 0.006 min

Lab File: VN078808.D

Acq: 08 Aug 2023 19:28

Tgt Ion: 75	Resp:	1763
Ion Ratio	Lower	Upper
75	100	
155	77.7	68.2 102.2
157	71.3	84.7 127.1#





#89

1,2,4-Trichlorobenzene

Concen: 2.499 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078808.D

Acq: 08 Aug 2023 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

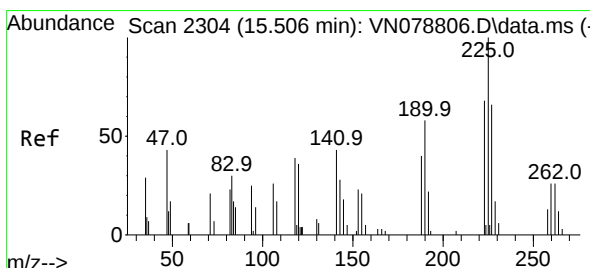
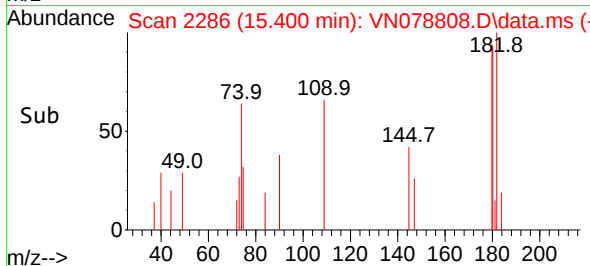
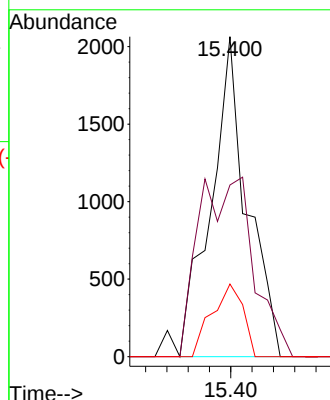
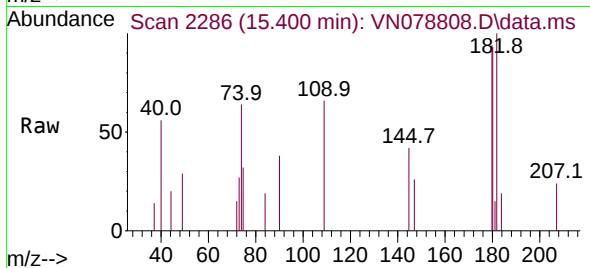
Tgt Ion:180	Resp:	243
Ion Ratio	Lower	Upper
180	100	
182	46.7	73.7 110.5
145	19.6	25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#90

Hexachlorobutadiene

Concen: 4.039 ug/l

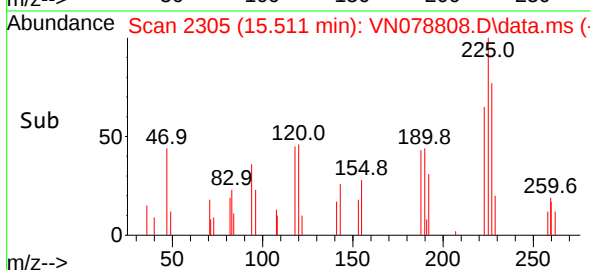
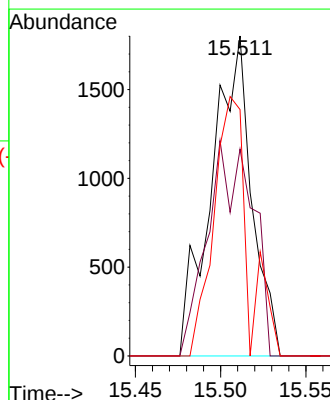
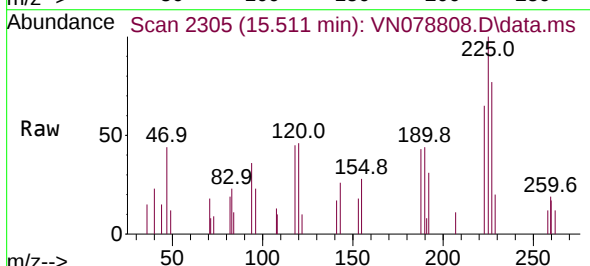
RT: 15.511 min Scan# 2305

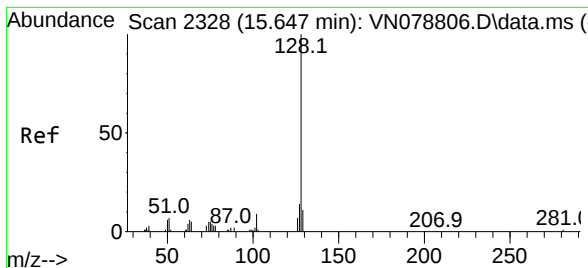
Delta R.T. 0.006 min

Lab File: VN078808.D

Acq: 08 Aug 2023 19:28

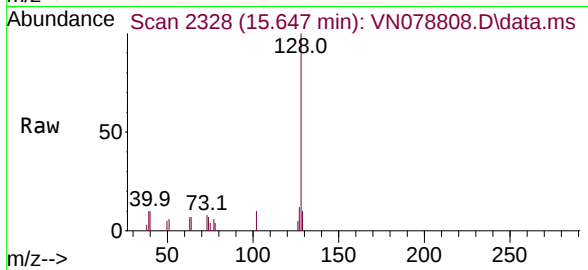
Tgt Ion:225	Resp:	2957
Ion Ratio	Lower	Upper
225	100	
223	41.7	0.0 130.0
227	58.0	0.0 124.0





#91
Naphthalene
Concen: 2.737 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28

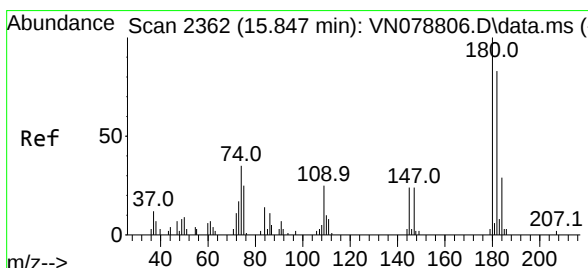
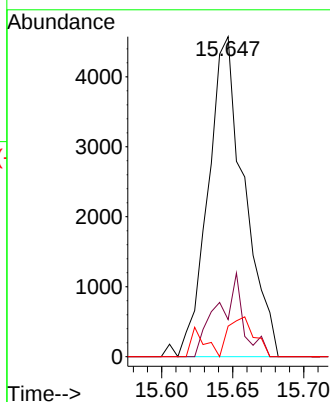
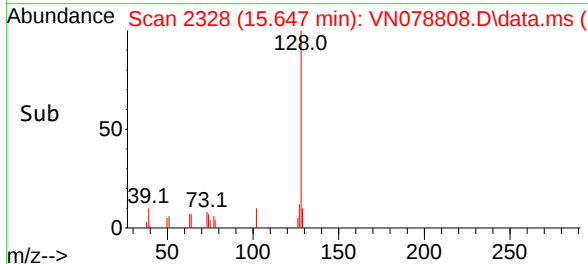
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



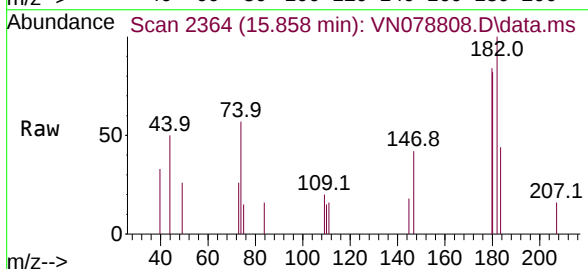
Tgt Ion:128 Resp: 8068
Ion Ratio Lower Upper
128 100
127 7.2 10.2 15.2
129 9.0 9.0 13.4

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 3.041 ug/l m
RT: 15.858 min Scan# 2364
Delta R.T. 0.012 min
Lab File: VN078808.D
Acq: 08 Aug 2023 19:28



Tgt Ion:180 Resp: 3375
Ion Ratio Lower Upper
180 100
182 33.7 0.0 196.4
145 14.2 0.0 71.0

