

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
 Data File : VN078805.D
 Acq On : 08 Aug 2023 18:15
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Quant Time: Aug 09 04:40:55 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	33566	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	180838	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	166075	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	78379	30.402	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	101.333%	
60) 4-Bromofluorobenzene	12.853	95	74239	29.503	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	98.333%	
63) Toluene-d8	10.571	98	235192	28.286	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	94.300%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	121526	54.451	ug/l	94
3) Chloromethane	2.371	50	140678	52.812	ug/l	99
4) Vinyl Chloride	2.518	62	135350	39.728	ug/l	98
5) Bromomethane	2.953	94	88040	34.443	ug/l	97
6) Chloroethane	3.118	64	87156	38.263	ug/l	100
7) Trichlorofluoromethane	3.500	101	180872	48.544	ug/l	98
8) Diethyl Ether	3.971	74	64589	52.175	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.383	101	98692	48.945	ug/l	98
10) 1,1-Dichloroethene	4.347	96	99388	52.042	ug/l	88
11) Methyl Iodide	4.600	142	130237	48.609	ug/l	96
12) Methyl Acetate	5.036	43	200064	59.815	ug/l	97
13) Acrolein	4.195	56	107386	308.289	ug/l	98
14) Acrylonitrile	5.736	53	275245	287.812	ug/l	99
15) Acetone	4.436	58	71100	263.461	ug/l	85
16) Carbon Disulfide	4.718	76	274576	50.450	ug/l	98
17) Allyl chloride	5.036	41	172415	64.407	ug/l	90
18) Methylene Chloride	5.289	84	111581	48.046	ug/l #	73
19) trans-1,2-Dichloroethene	5.800	96	109063	49.223	ug/l	98
20) Diisopropyl ether	6.689	45	380801	61.381	ug/l #	94
21) 1,1-Dichloroethane	6.583	63	216003	54.267	ug/l	98
22) cis-1,2-Dichloroethene	7.494	96	126704	56.642	ug/l	96
23) tert-Butyl Alcohol	5.536	59	96241	254.595	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	334524	51.999	ug/l #	92
25) Chloroform	7.971	83	214479	51.759	ug/l	97
26) Cyclohexane	8.265	56	175392	60.228	ug/l #	93
29) 1,1-Dichloropropene	8.377	75	162541	58.768	ug/l	95
30) 2-Butanone	7.494	43	382755	335.771	ug/l	93
31) 2,2-Dichloropropane	7.500	77	165286	53.545	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	182226	53.617	ug/l	96
33) Carbon Tetrachloride	8.365	117	163155	53.682	ug/l	93
34) Benzene	8.612	78	475468	57.481	ug/l	96
35) Methacrylonitrile	7.783	41	94735	74.294	ug/l	79
36) 1,2-Dichloroethane	8.682	62	164337	56.867	ug/l	99
37) Trichloroethene	9.359	130	109908	48.388	ug/l	93
38) Methylcyclohexane	9.606	83	153254	54.298	ug/l	91
39) 1,2-Dichloropropane	9.629	63	125535	56.038	ug/l	92
40) Dibromomethane	9.712	93	82838	54.607	ug/l	96
41) Bromodichloromethane	9.894	83	170229	55.766	ug/l	96
42) Vinyl Acetate	6.612	43	1270297m	347.136	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
 Data File : VN078805.D
 Acq On : 08 Aug 2023 18:15
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

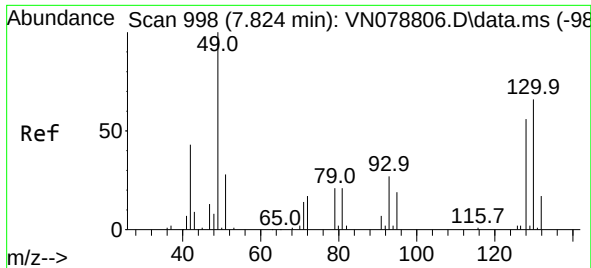
Quant Time: Aug 09 04:40:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 09 04:37:34 2023
 Response via : Initial Calibration

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)
43) Ethyl Acetate	7.571	43	147759	61.575	ug/l	99
44) Isopropyl Acetate	8.694	43	278203	67.530	ug/l	92
45) 1,4-Dioxane	9.700	88	40312	1096.843	ug/l #	87
46) Methyl methacrylate	9.688	41	128661	68.340	ug/l	87
47) n-amyl Acetate	12.500	43	219891	69.329	ug/l	90
48) t-1,3-Dichloropropene	10.841	75	181822	56.914	ug/l	95
49) cis-1,3-Dichloropropene	10.318	75	195412	56.413	ug/l #	89
50) 1,1,2-Trichloroethane	11.024	97	115477	54.725	ug/l	98
51) Ethyl methacrylate	10.876	69	174979	60.251	ug/l	76
52) 1,3-Dichloropropane	11.171	76	200318	52.214	ug/l	99
53) Dibromochloromethane	11.365	129	123388	52.712	ug/l	99
54) 1,2-Dibromoethane	11.476	107	114336	54.339	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	314703	330.048	ug/l	97
56) Bromoform	12.582	173	80782	51.924	ug/l	95
58) 4-Methyl-2-Pentanone	10.453	43	839660	311.670	ug/l #	92
59) 2-Hexanone	11.200	43	595852	299.220	ug/l	92
61) Tetrachloroethene	11.112	164	93276	42.981	ug/l	95
62) Toluene	10.635	91	512132	50.420	ug/l	97
64) Chlorobenzene	11.894	112	298469	50.593	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.965	131	112419	48.670	ug/l	99
66) Ethyl Benzene	11.971	91	545265	52.961	ug/l	99
67) m/p-Xylenes	12.076	106	409487	105.286	ug/l	99
68) o-Xylene	12.406	106	200695	50.389	ug/l	99
69) Styrene	12.418	104	329224	51.674	ug/l	99
70) Isopropylbenzene	12.700	105	511644	52.228	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	161226	50.038	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	146049m	55.674	ug/l	
73) Bromobenzene	12.988	156	117488	49.251	ug/l	98
74) n-propylbenzene	13.041	91	575466	52.540	ug/l	100
75) 2-Chlorotoluene	13.129	91	341391	45.347	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	408689	46.680	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	49813	53.196	ug/l	86
78) 4-Chlorotoluene	13.229	91	335129	46.701	ug/l	98
79) tert-butylbenzene	13.441	119	327897	43.707	ug/l	95
80) 1,2,4-Trimethylbenzene	13.488	105	395576	47.621	ug/l	97
81) sec-Butylbenzene	13.623	105	453332	46.696	ug/l	98
82) p-Isopropyltoluene	13.735	119	366036	46.755	ug/l	99
83) 1,3-Dichlorobenzene	13.741	146	198610	47.228	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	191108	48.440	ug/l	98
85) n-Butylbenzene	14.065	91	277587	50.916	ug/l	99
86) Hexachloroethane	14.335	117	70696	48.796	ug/l	97
87) 1,2-Dichlorobenzene	14.112	146	195502	49.353	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.723	75	24739	46.301	ug/l	95
89) 1,2,4-Trichlorobenzene	15.400	180	60359	53.874	ug/l	95
90) Hexachlorobutadiene	15.506	225	36421	43.222	ug/l	97
91) Naphthalene	15.647	128	192100	56.616	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	67645	52.950	ug/l	93

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Instrument :

MSVOA_N

ClientSampleId :

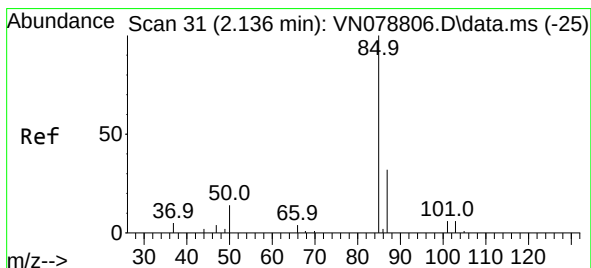
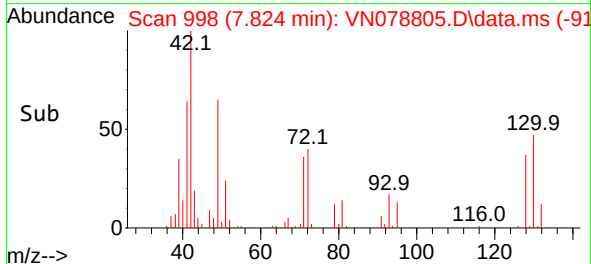
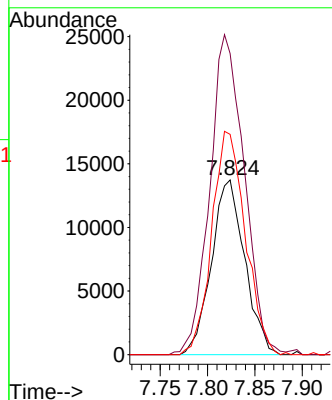
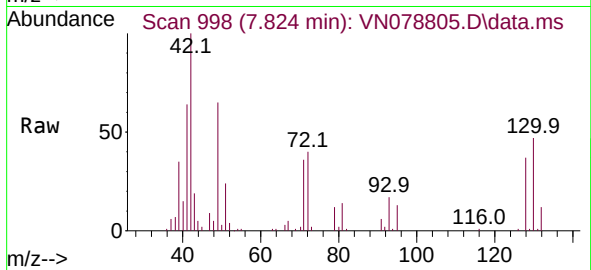
VSTDIC050

Tgt Ion:128 Resp: 33560
Ion Ratio Lower Upper
128 100
49 190.0 0.0 370.8
130 128.8 0.0 307.0

Manual Integrations

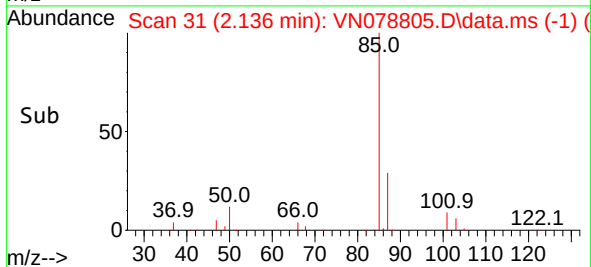
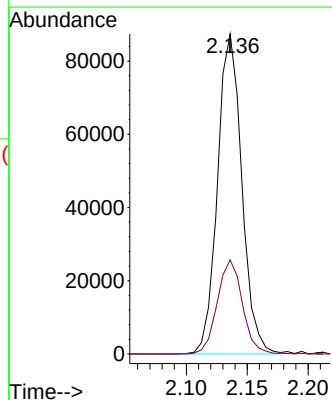
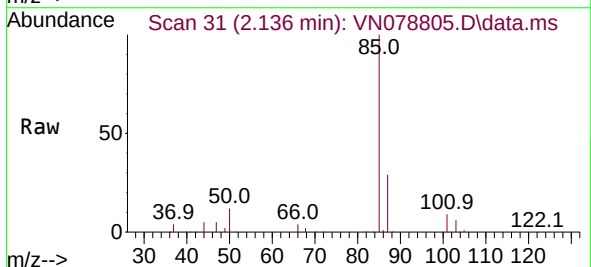
APPROVED

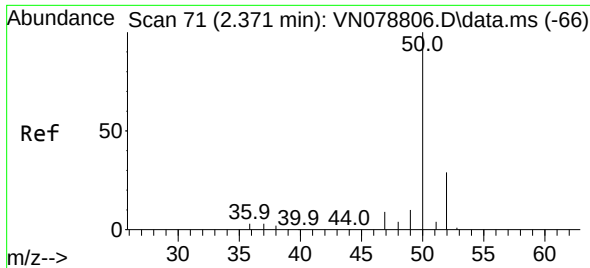
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#2
Dichlorodifluoromethane
Concen: 54.451 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Tgt Ion: 85 Resp: 121526
Ion Ratio Lower Upper
85 100
87 29.4 16.4 49.4





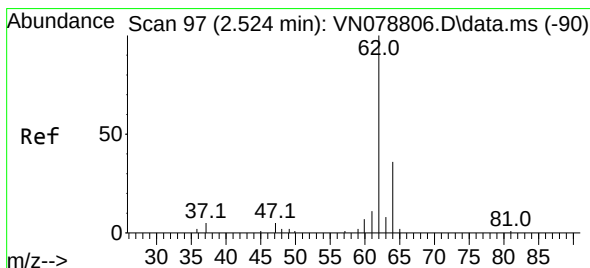
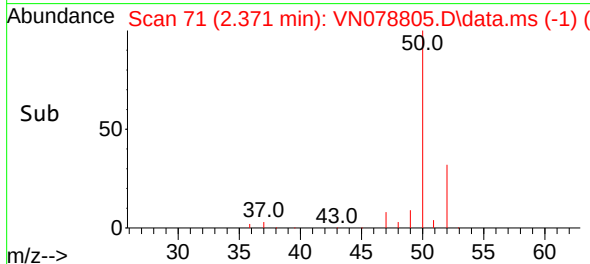
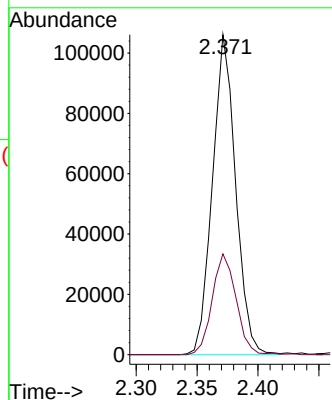
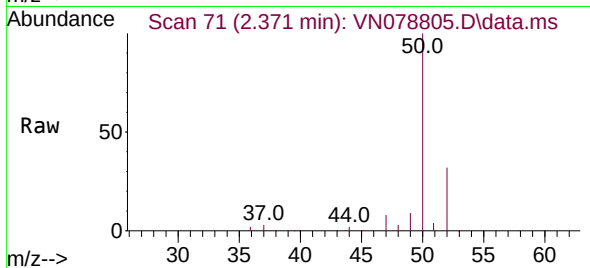
#3
Chloromethane
Concen: 52.812 ug/l
RT: 2.371 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 50 Resp: 140678
Ion Ratio Lower Upper
50 100
52 31.5 24.6 36.8

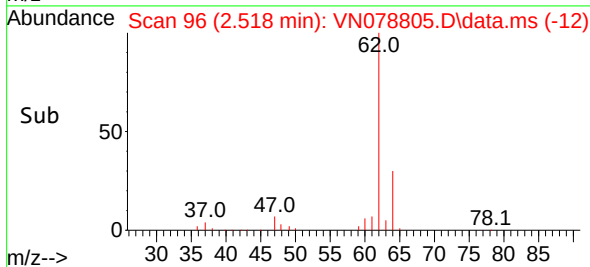
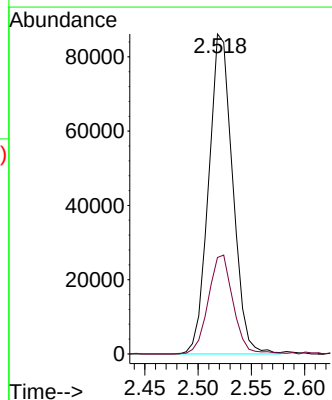
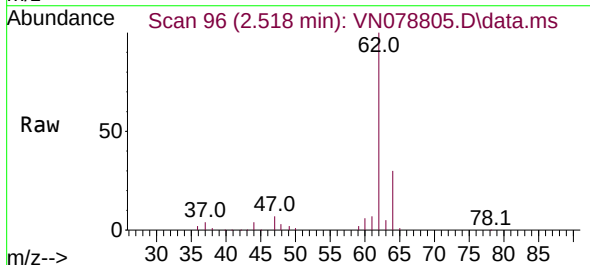
Manual Integrations
APPROVED

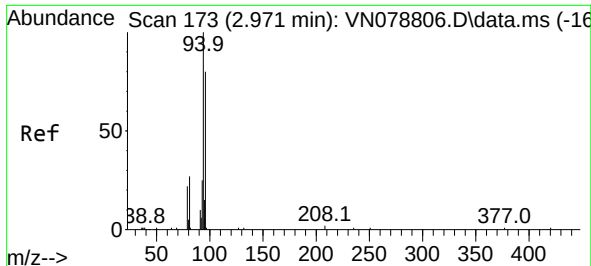
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#4
Vinyl Chloride
Concen: 39.728 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.006 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Tgt Ion: 62 Resp: 135350
Ion Ratio Lower Upper
62 100
64 29.9 23.3 34.9





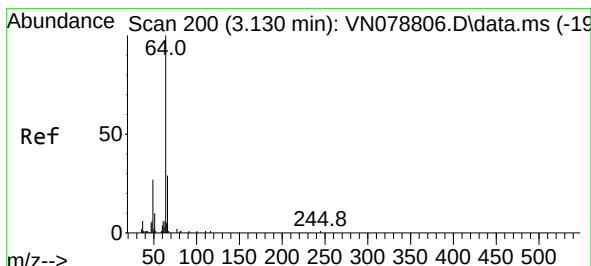
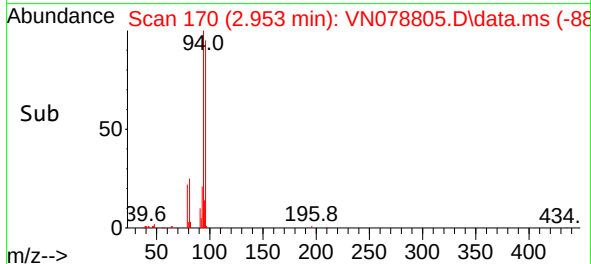
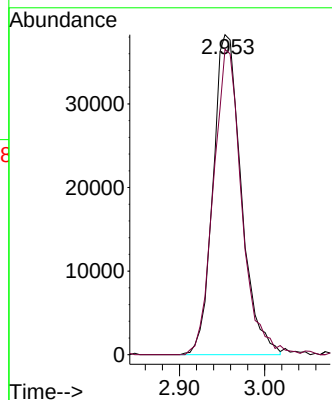
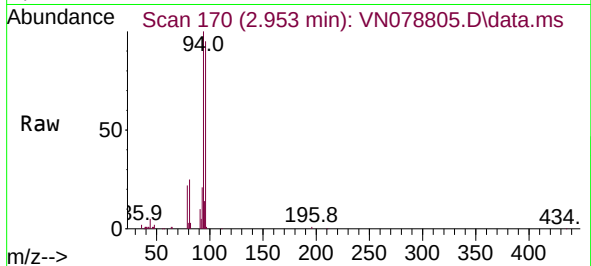
#5
Bromomethane
Concen: 34.443 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 94 Resp: 88040
Ion Ratio Lower Upper
94 100
96 95.4 73.9 110.9

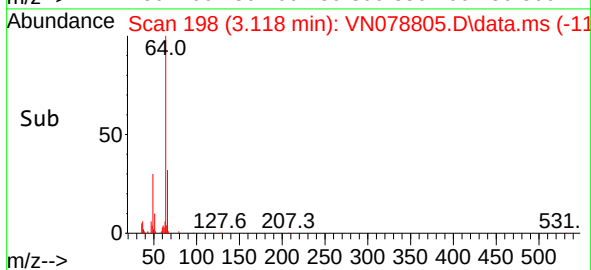
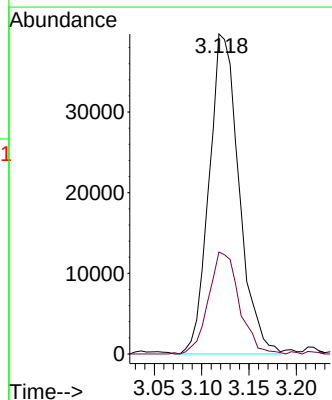
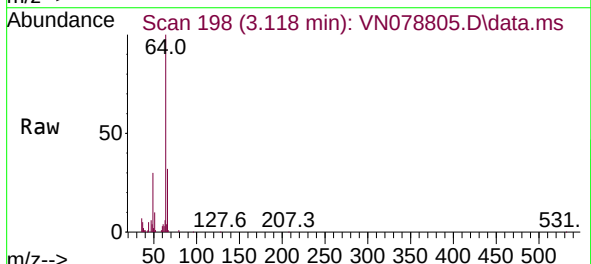
Manual Integrations
APPROVED

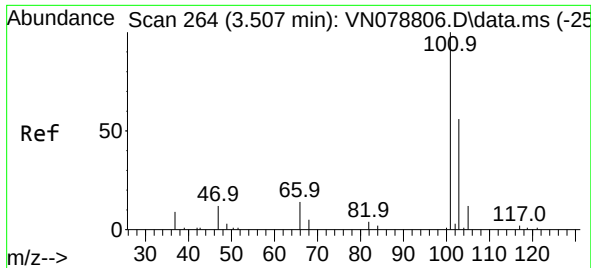
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#6
Chloroethane
Concen: 38.263 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.012 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Tgt Ion: 64 Resp: 87156
Ion Ratio Lower Upper
64 100
66 31.8 25.7 38.5





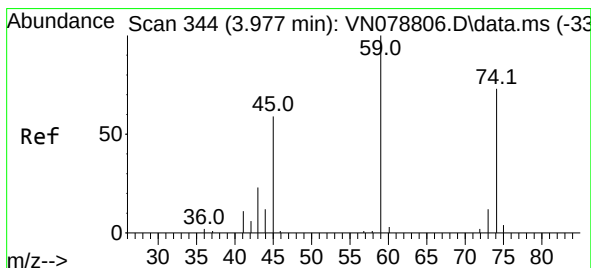
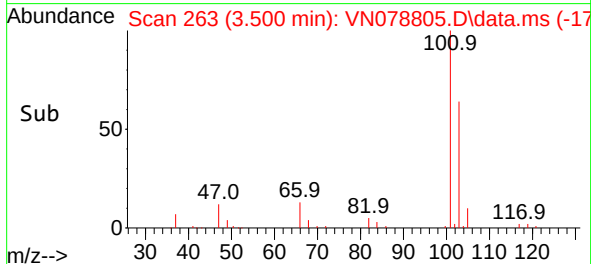
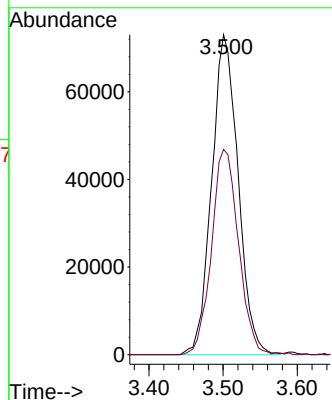
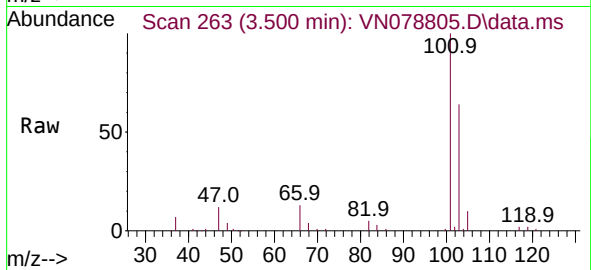
#7
 Trichlorofluoromethane
 Concen: 48.544 ug/l
 RT: 3.500 min Scan# 264
 Delta R.T. -0.006 min
 Lab File: VN078805.D
 Acq: 08 Aug 2023 18:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion:101 Resp: 180872
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.4 75.6

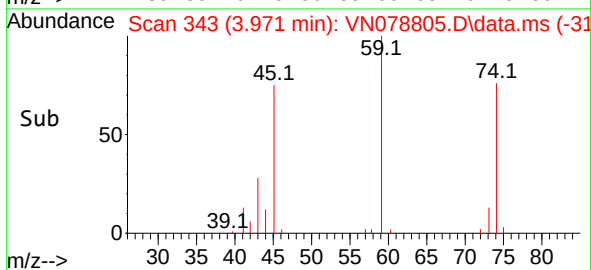
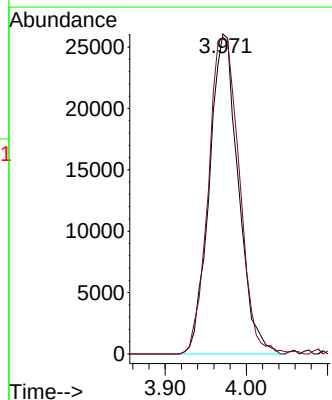
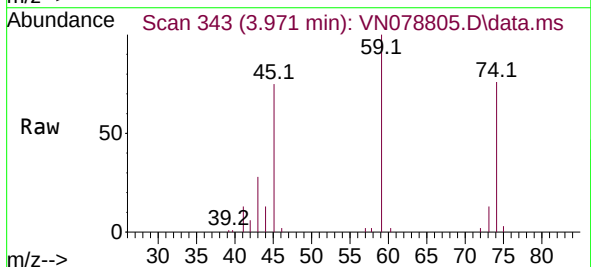
Manual Integrations
 APPROVED

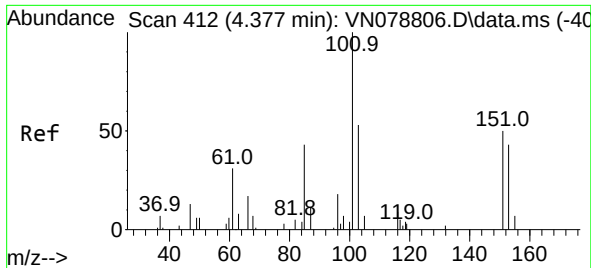
Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023



#8
 Diethyl Ether
 Concen: 52.175 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. -0.006 min
 Lab File: VN078805.D
 Acq: 08 Aug 2023 18:15

Tgt Ion: 74 Resp: 64589
 Ion Ratio Lower Upper
 74 100
 45 105.4 16.3 146.5





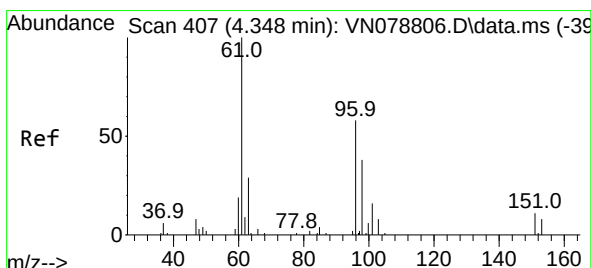
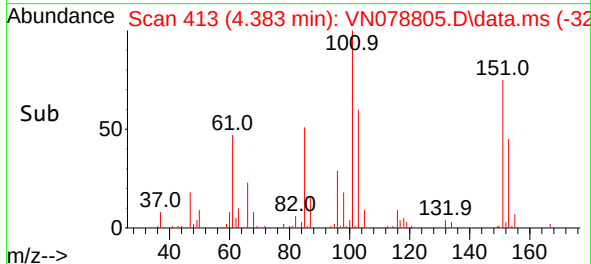
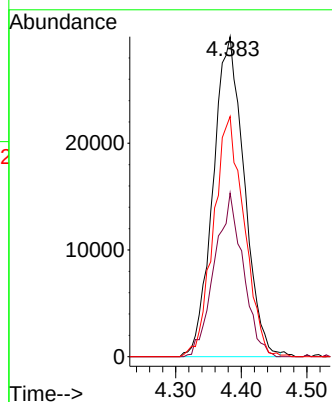
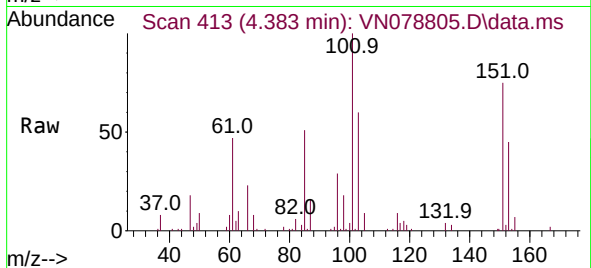
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.945 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 98692
Ion Ratio Lower Upper
101 100
85 47.0 0.0 89.2
151 73.6 0.0 148.8

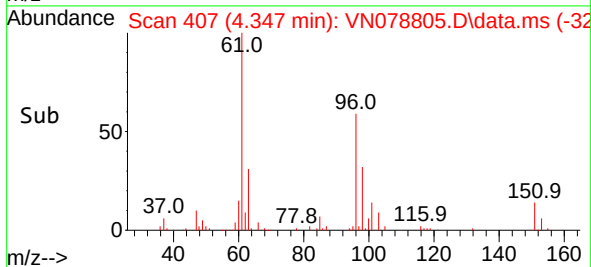
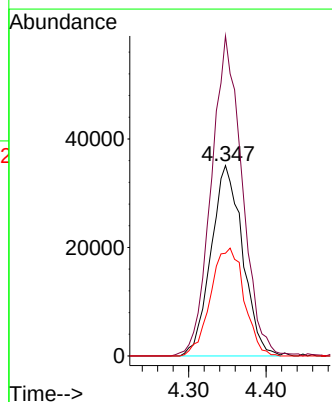
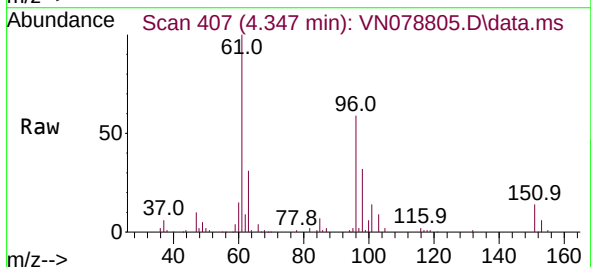
Manual Integrations
APPROVED

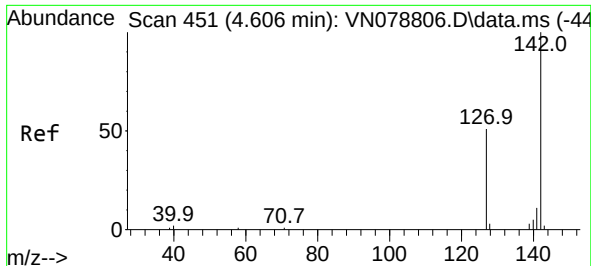
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#10
1,1-Dichloroethene
Concen: 52.042 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

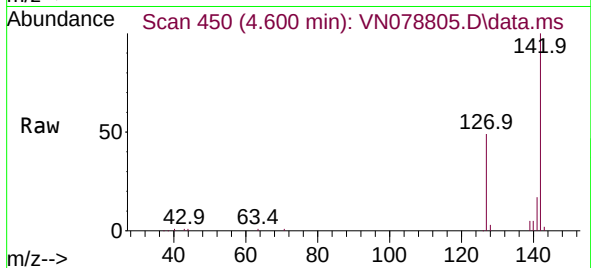
Tgt Ion: 96 Resp: 99388
Ion Ratio Lower Upper
96 100
61 166.6 123.4 185.2
98 53.9 53.7 80.5





#11
Methyl Iodide
Concen: 48.609 ug/l
RT: 4.600 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

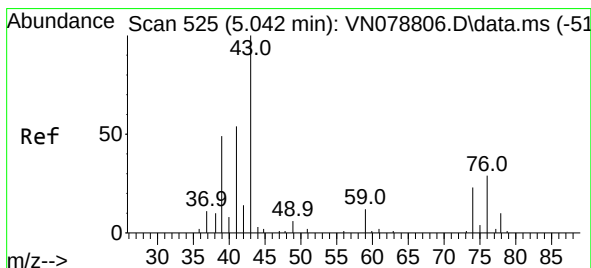
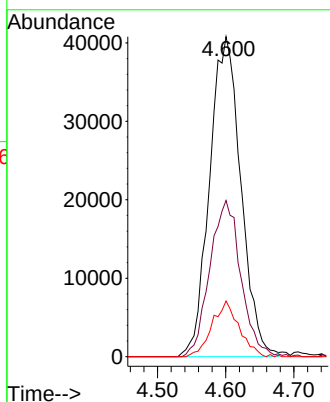
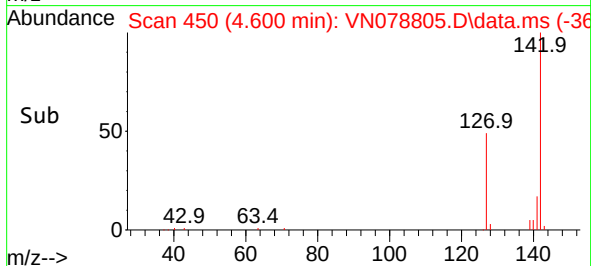
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:142 Resp: 13023
Ion Ratio Lower Upper
142 100
127 48.7 23.2 69.5
141 17.3 7.2 21.7

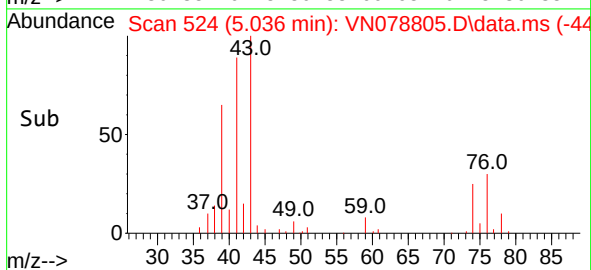
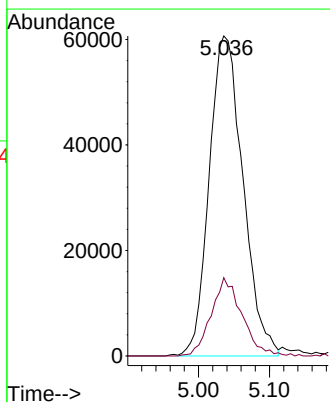
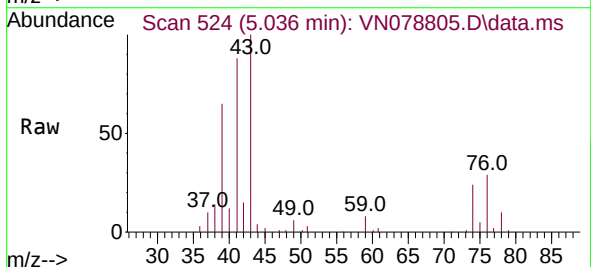
Manual Integrations
APPROVED

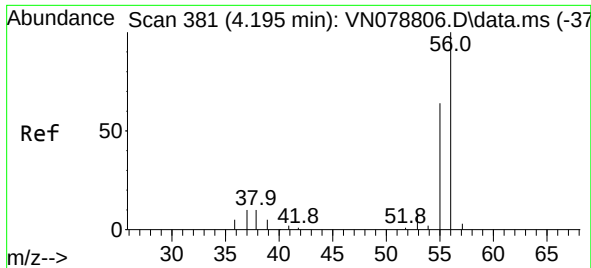
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#12
Methyl Acetate
Concen: 59.815 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

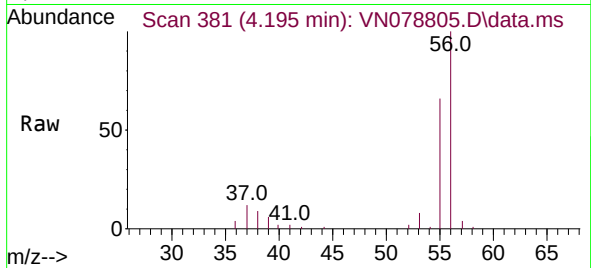
Tgt Ion: 43 Resp: 200064
Ion Ratio Lower Upper
43 100
74 24.2 20.5 30.7





#13
Acrolein
Concen: 308.289 ug/l
RT: 4.195 min Scan# 381
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

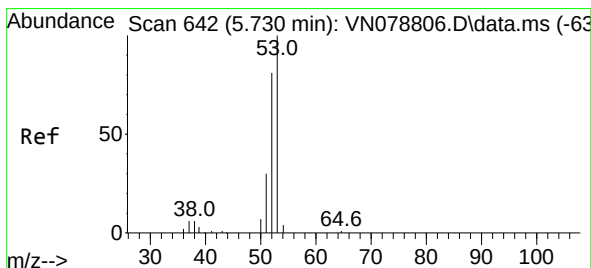
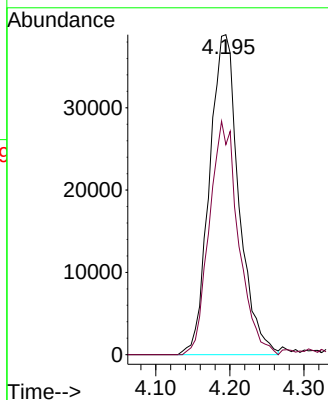
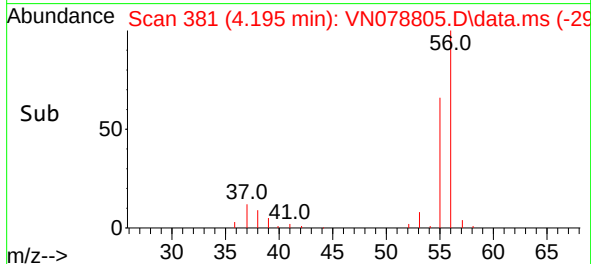
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 56 Resp: 107380
Ion Ratio Lower Upper
56 100
55 72.1 59.0 88.4

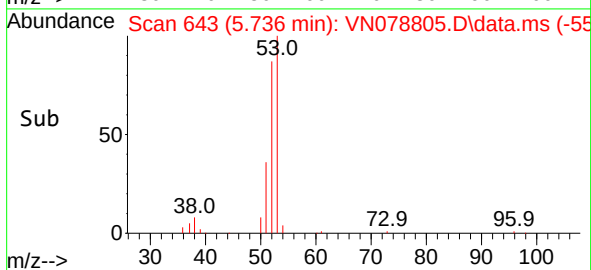
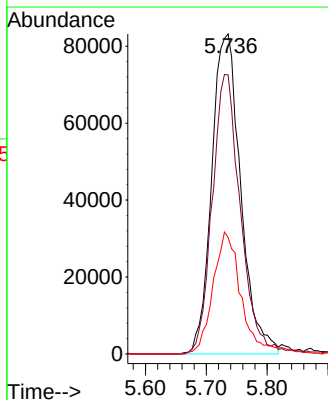
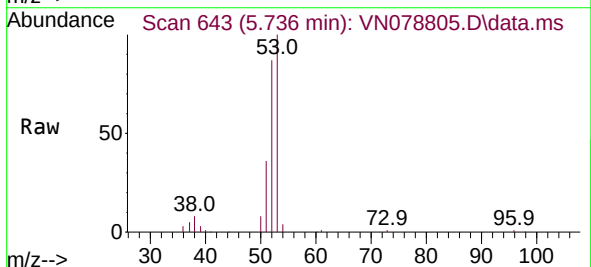
Manual Integrations
APPROVED

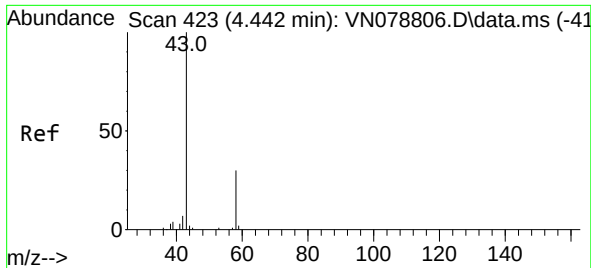
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#14
Acrylonitrile
Concen: 287.812 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.006 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Tgt Ion: 53 Resp: 275245
Ion Ratio Lower Upper
53 100
52 83.7 42.3 126.9
51 35.4 18.4 55.4





#15

Acetone

Concen: 263.461 ug/l

RT: 4.436 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN078805.D

Acq: 08 Aug 2023 18:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 58 Resp: 71100

Ion Ratio Lower Upper

58 100

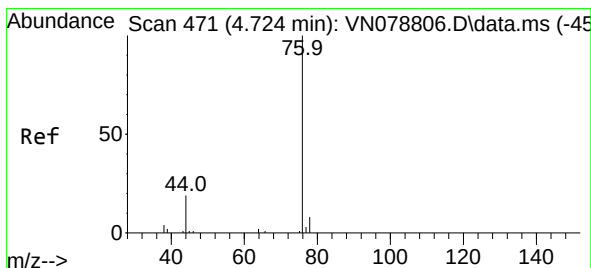
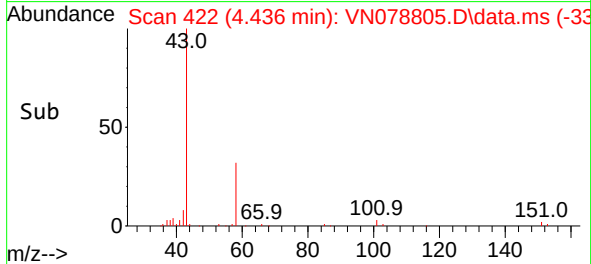
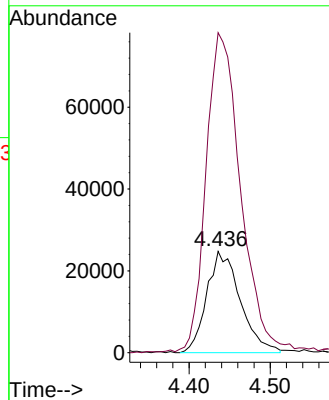
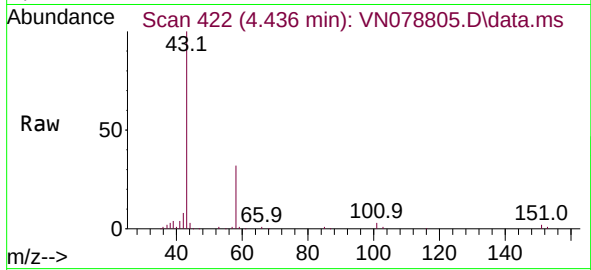
43 312.4 227.5 341.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#16

Carbon Disulfide

Concen: 50.450 ug/l

RT: 4.718 min Scan# 470

Delta R.T. -0.006 min

Lab File: VN078805.D

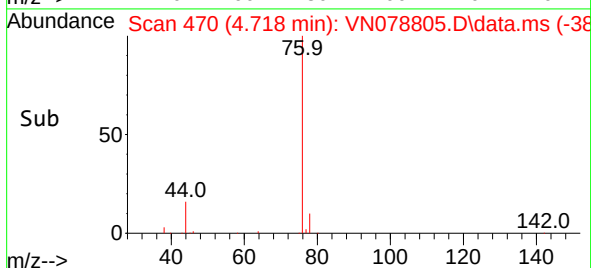
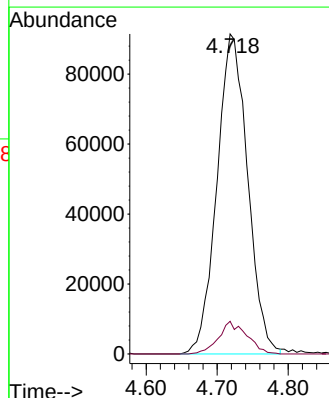
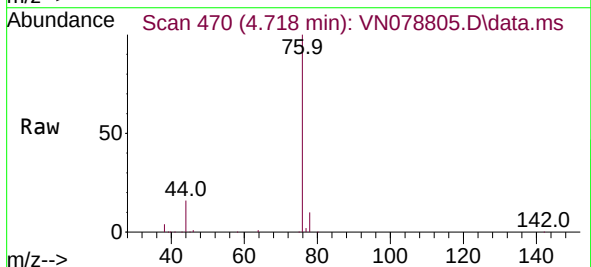
Acq: 08 Aug 2023 18:15

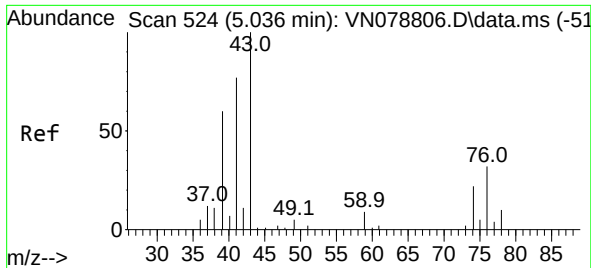
Tgt Ion: 76 Resp: 274576

Ion Ratio Lower Upper

76 100

78 10.2 7.7 11.5





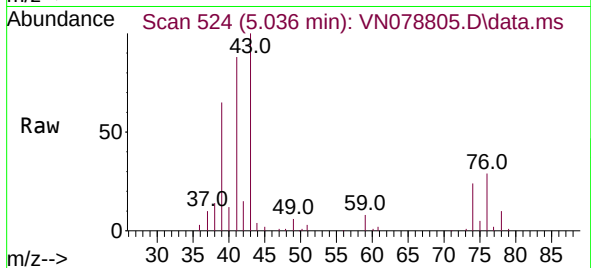
#17
 Allyl chloride
 Concen: 64.407 ug/l
 RT: 5.036 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN078805.D
 Acq: 08 Aug 2023 18:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

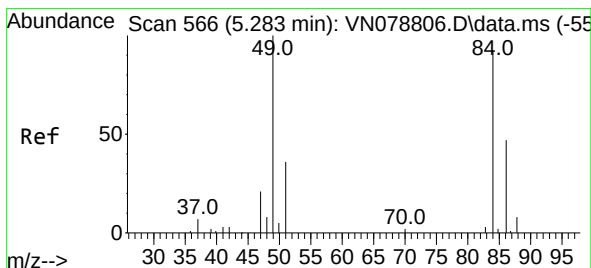
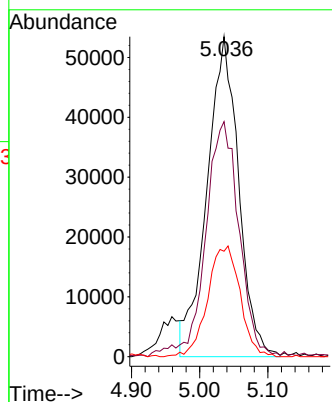
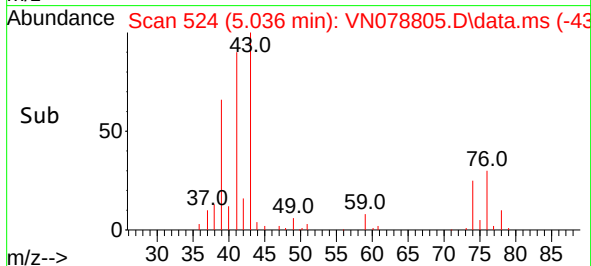


Tgt Ion: 41 Resp: 17241
 Ion Ratio Lower Upper
 41 100
 39 73.3 37.6 112.8
 76 33.1 23.8 71.4

Manual Integrations

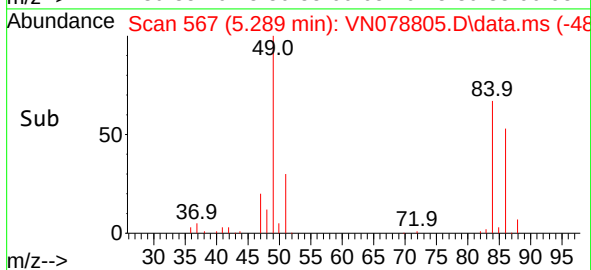
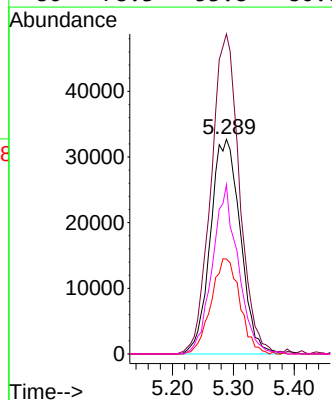
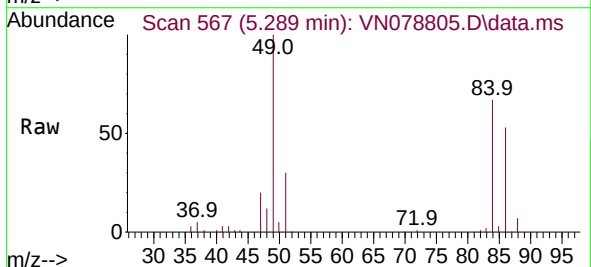
APPROVED

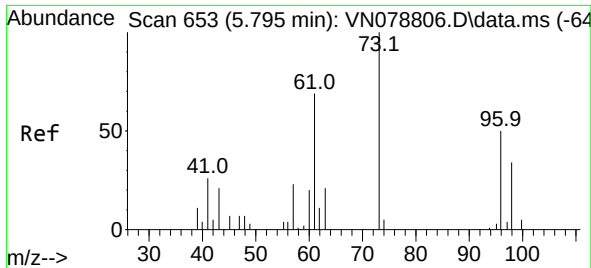
Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023



#18
 Methylene Chloride
 Concen: 48.046 ug/l
 RT: 5.289 min Scan# 567
 Delta R.T. 0.006 min
 Lab File: VN078805.D
 Acq: 08 Aug 2023 18:15

Tgt Ion: 84 Resp: 111581
 Ion Ratio Lower Upper
 84 100
 49 148.4 88.1 132.1#
 51 44.2 24.0 36.0#
 86 78.3 53.8 80.8





#19

trans-1,2-Dichloroethene

Concen: 49.223 ug/l

RT: 5.800 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN078805.D

Acq: 08 Aug 2023 18:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 96 Resp: 10906

Ion Ratio Lower Upper

96 100

61 132.7 105.2 157.8

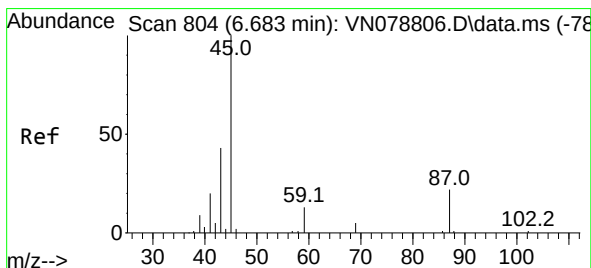
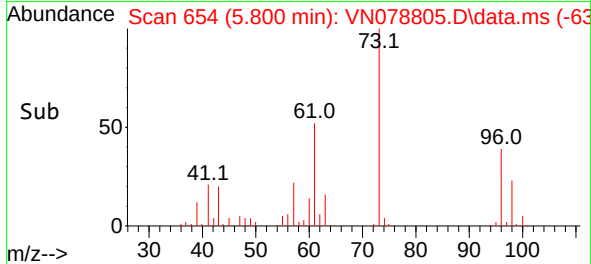
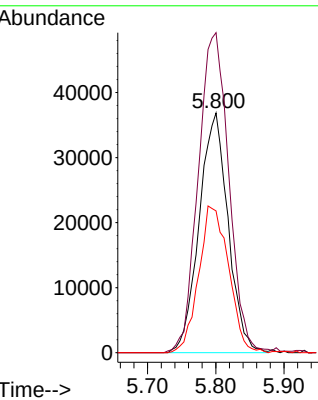
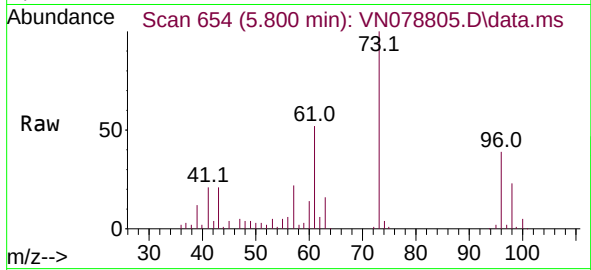
98 59.1 50.5 75.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#20

Diisopropyl ether

Concen: 61.381 ug/l

RT: 6.689 min Scan# 805

Delta R.T. 0.006 min

Lab File: VN078805.D

Acq: 08 Aug 2023 18:15

Tgt Ion: 45 Resp: 380801

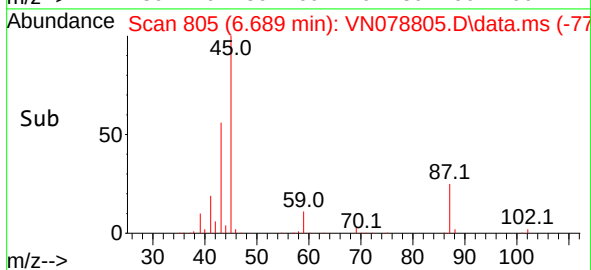
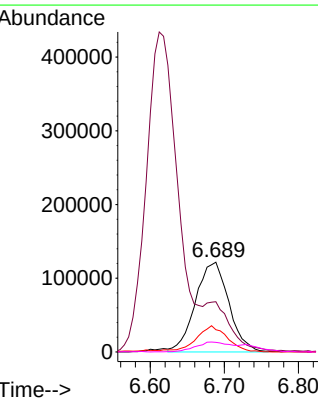
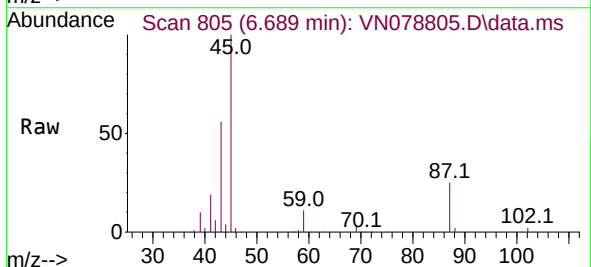
Ion Ratio Lower Upper

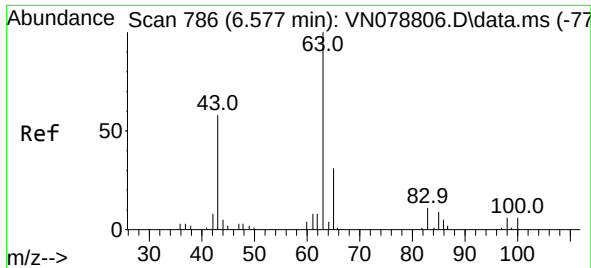
45 100

43 53.7 43.6 65.4

87 24.7 25.8 38.6#

59 10.4 10.6 16.0#





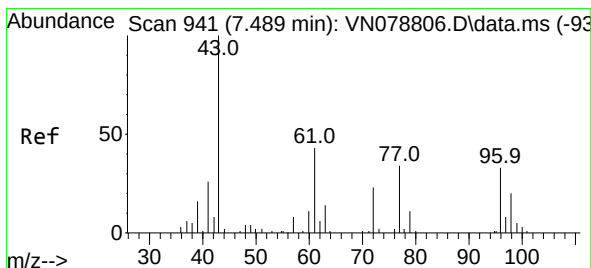
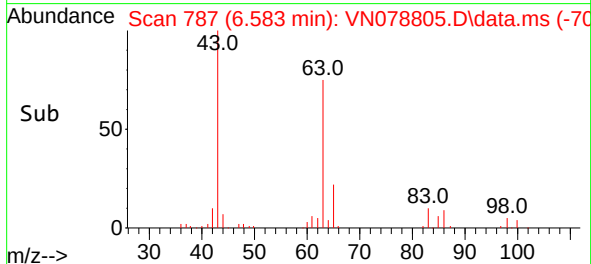
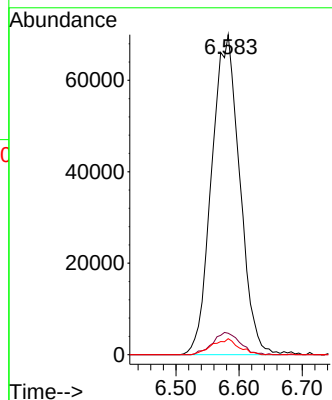
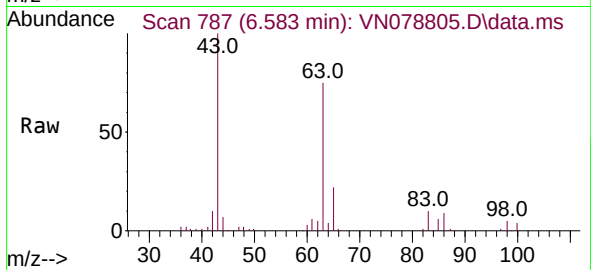
#21
1,1-Dichloroethane
Concen: 54.267 ug/l
RT: 6.583 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 21600
Ion Ratio Lower Upper
63 100
98 6.7 2.7 8.1
100 5.0 2.5 7.4

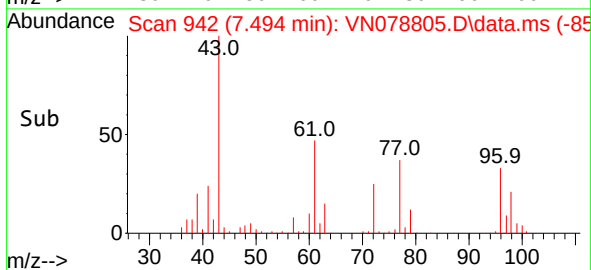
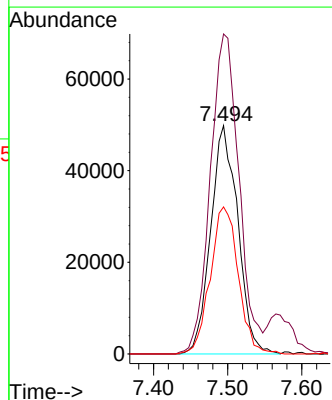
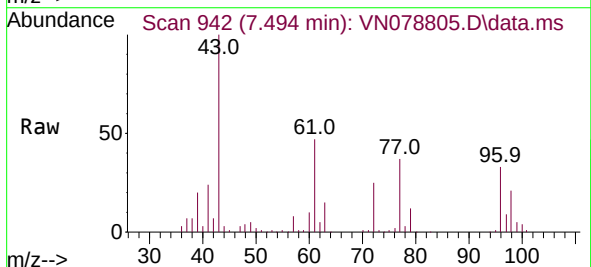
Manual Integrations
APPROVED

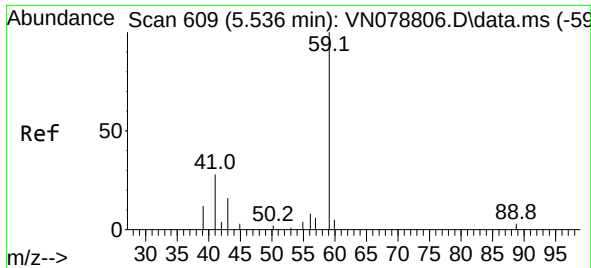
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#22
cis-1,2-Dichloroethene
Concen: 56.642 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

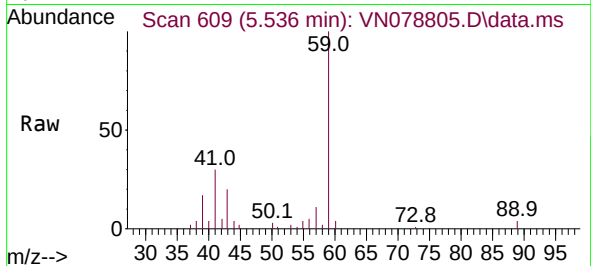
Tgt Ion: 96 Resp: 126704
Ion Ratio Lower Upper
96 100
61 148.5 113.8 170.6
98 66.5 52.2 78.4





#23
tert-Butyl Alcohol
Concen: 254.595 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

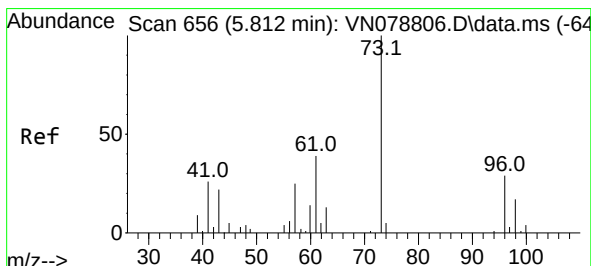
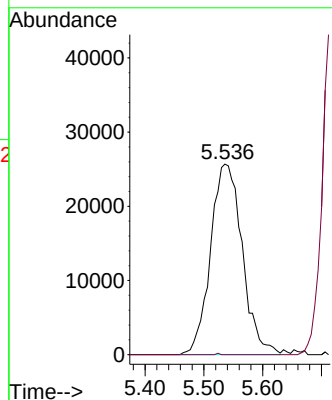
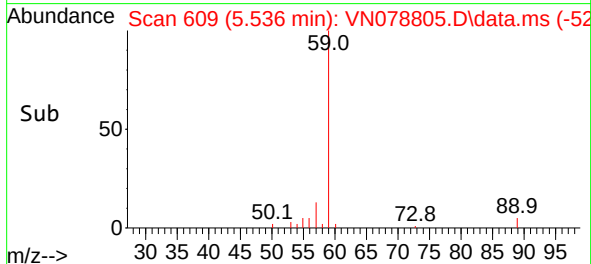
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 59 Resp: 9624
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

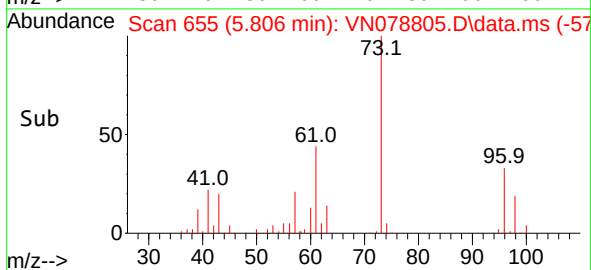
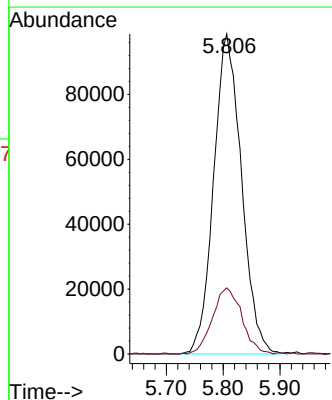
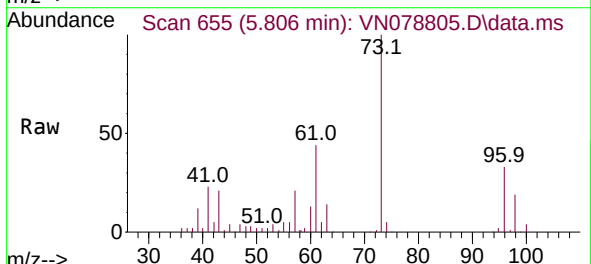
Manual Integrations
APPROVED

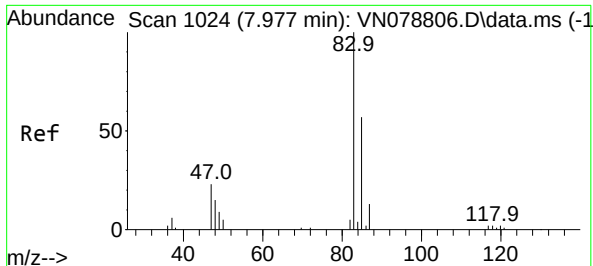
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#24
Methyl tert-Butyl Ether
Concen: 51.999 ug/l
RT: 5.806 min Scan# 655
Delta R.T. -0.006 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Tgt Ion: 73 Resp: 334524
Ion Ratio Lower Upper
73 100
43 21.7 14.5 21.7#





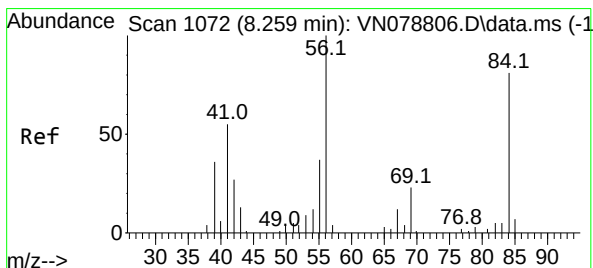
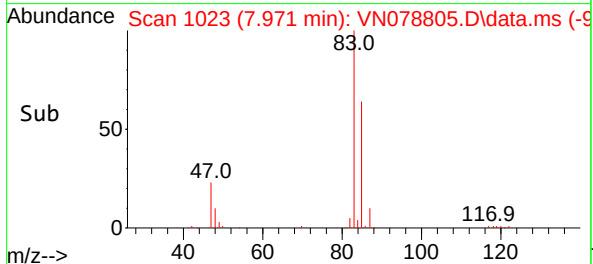
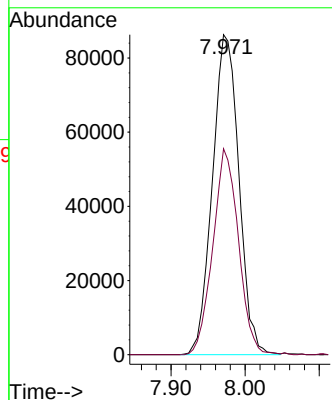
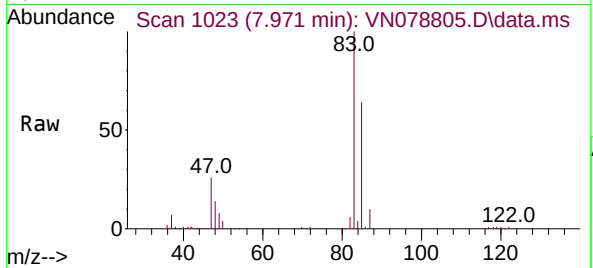
#25
Chloroform
Concen: 51.759 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 214479
Ion Ratio Lower Upper
83 100
85 64.4 53.4 80.0

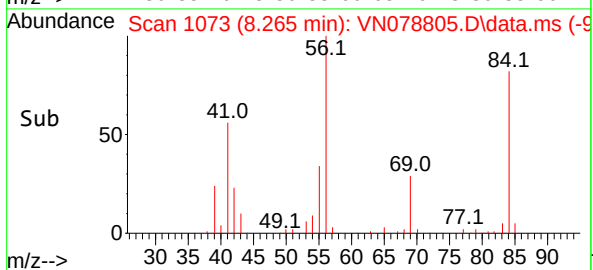
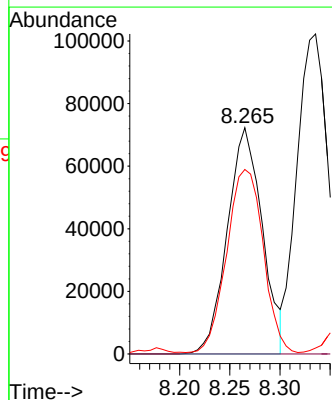
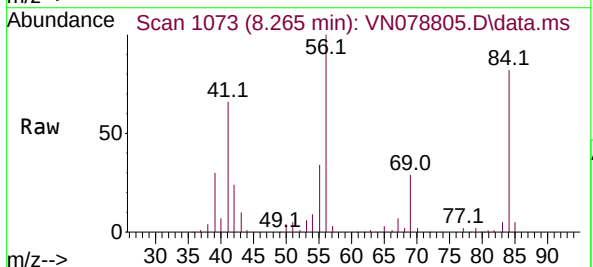
Manual Integrations
APPROVED

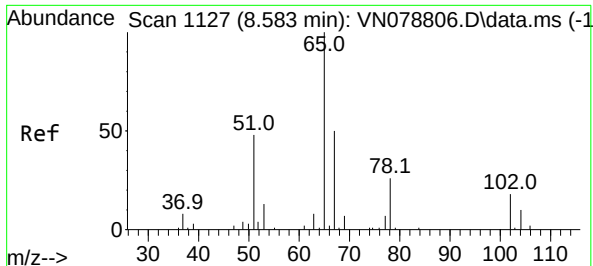
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#26
Cyclohexane
Concen: 60.228 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Tgt Ion: 56 Resp: 175392
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.9 74.2 111.4





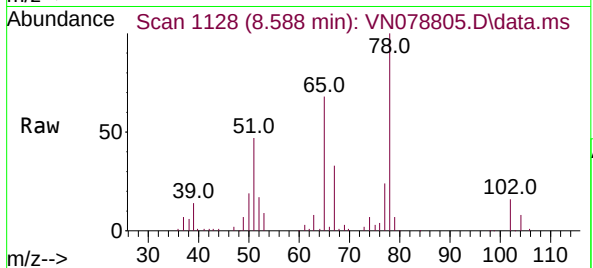
#27
1,2-Dichloroethane-d4
Concen: 30.402 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050



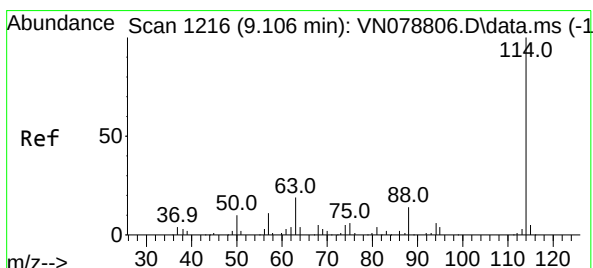
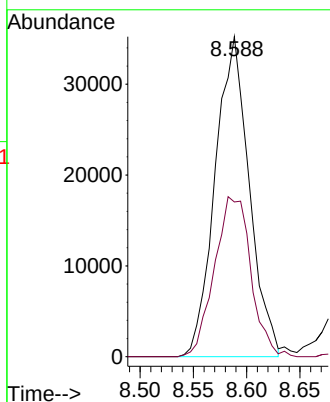
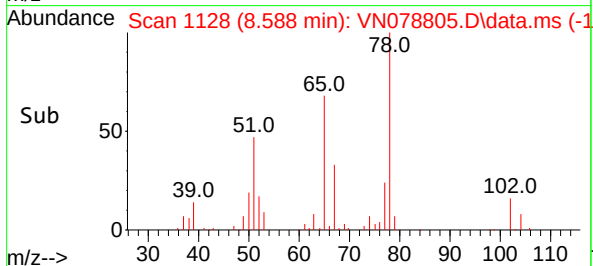
Tgt Ion: 65 Resp: 78379
Ion Ratio Lower Upper
65 100
67 53.0 42.9 64.3

Manual Integrations

APPROVED

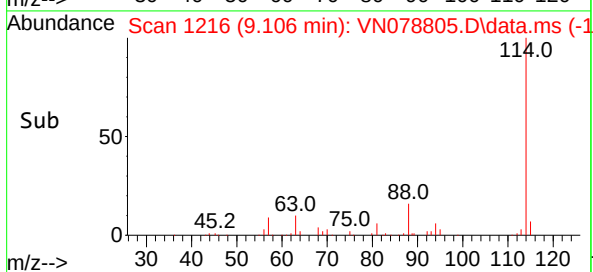
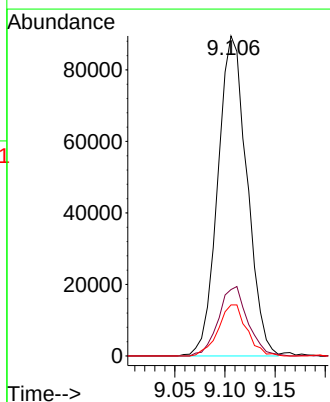
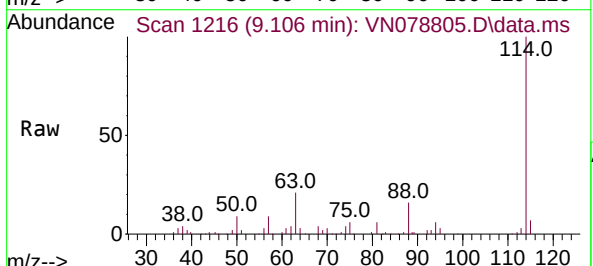
Reviewed By :John Carlone 08/09/2023

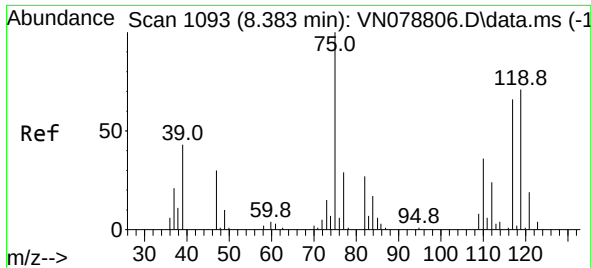
Supervised By :Semsettin Yesilyurt 08/09/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Tgt Ion:114 Resp: 180838
Ion Ratio Lower Upper
114 100
63 21.7 15.2 22.8
88 15.6 12.5 18.7





#29
1,1-Dichloropropene
Concen: 58.768 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

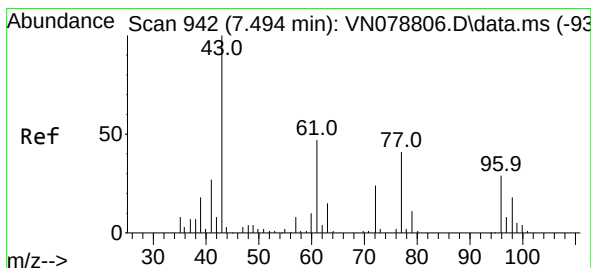
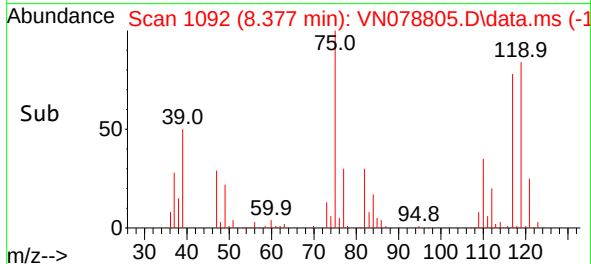
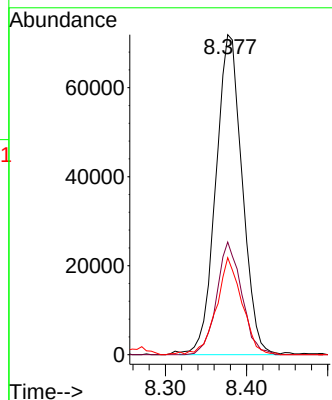
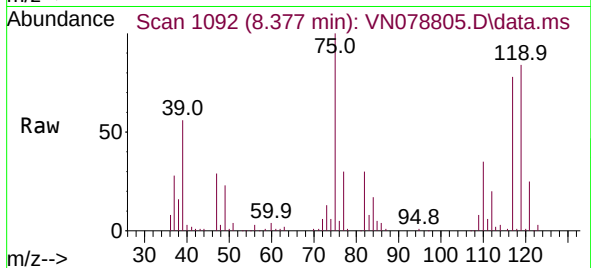
Tgt Ion: 75 Resp: 16254
Ion Ratio Lower Upper
75 100
110 33.3 0.0 72.2
77 28.4 0.0 62.8

Manual Integrations

APPROVED

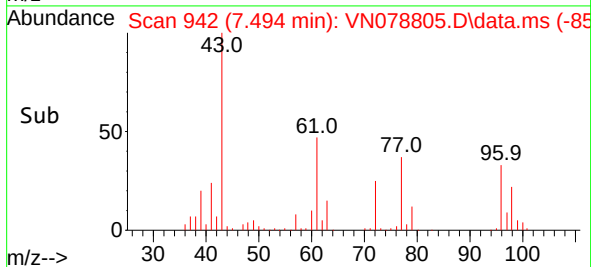
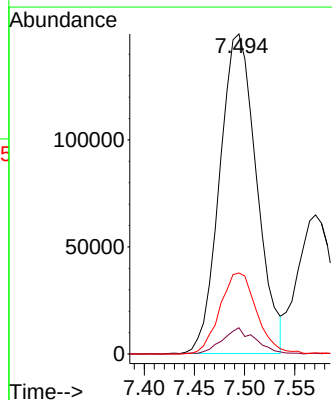
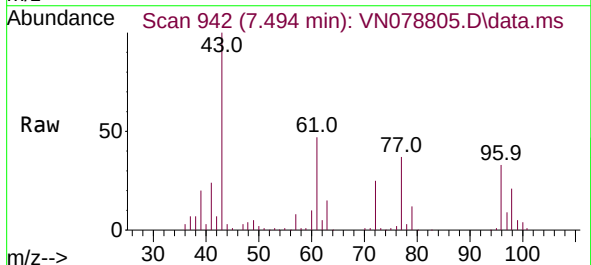
Reviewed By :John Carlone 08/09/2023

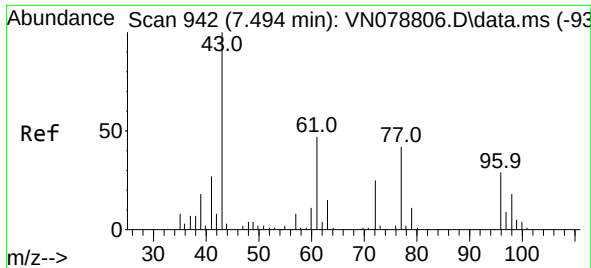
Supervised By :Semsettin Yesilyurt 08/09/2023



#30
2-Butanone
Concen: 335.771 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

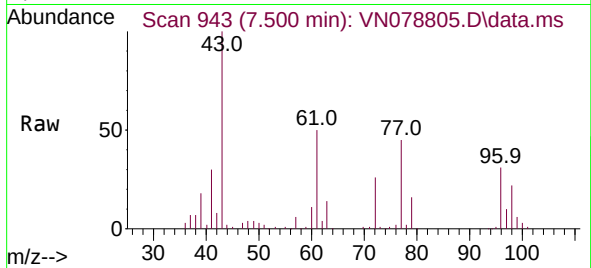
Tgt Ion: 43 Resp: 382755
Ion Ratio Lower Upper
43 100
57 7.3 6.8 10.2
72 25.1 23.8 35.6





#31
2,2-Dichloropropane
Concen: 53.545 ug/l
RT: 7.500 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

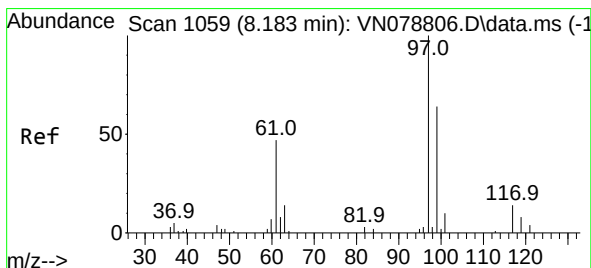
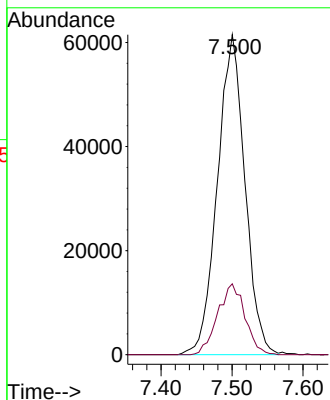
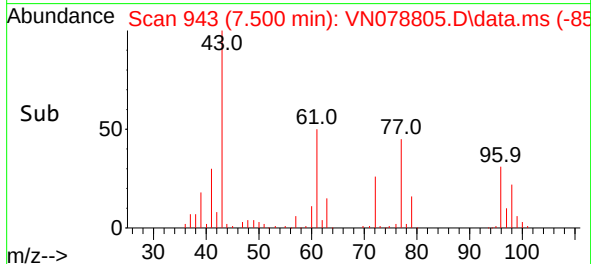
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



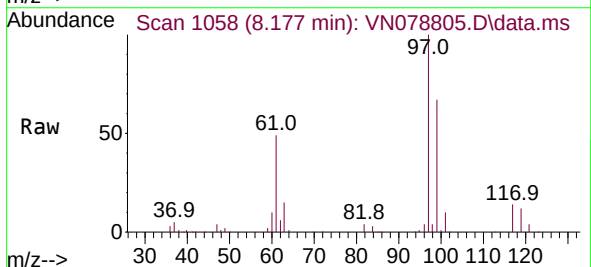
Tgt Ion: 77 Resp: 165280
Ion Ratio Lower Upper
77 100
97 22.0 18.8 28.2

Manual Integrations
APPROVED

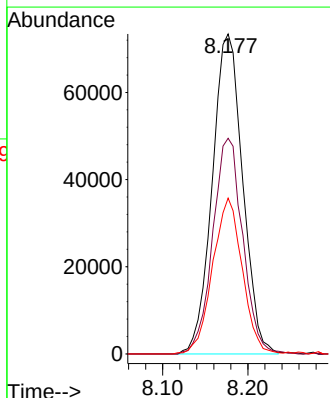
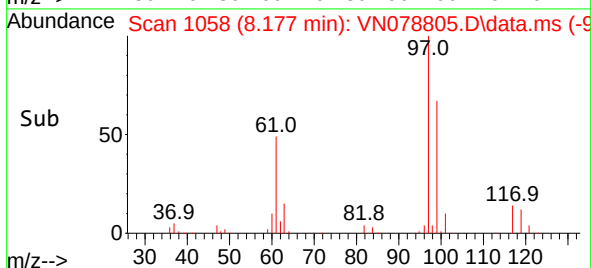
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

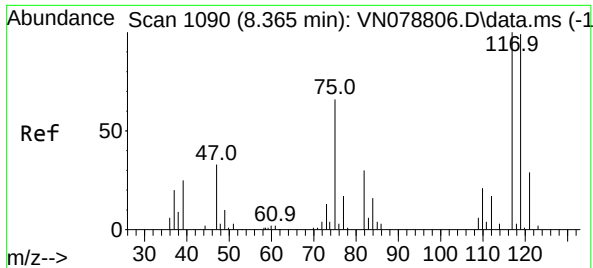


#32
1,1,1-Trichloroethane
Concen: 53.617 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15



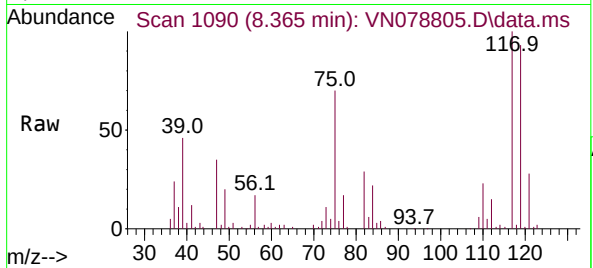
Tgt Ion: 97 Resp: 182226
Ion Ratio Lower Upper
97 100
99 66.5 51.3 76.9
61 47.5 34.6 52.0





#33
Carbon Tetrachloride
Concen: 53.682 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

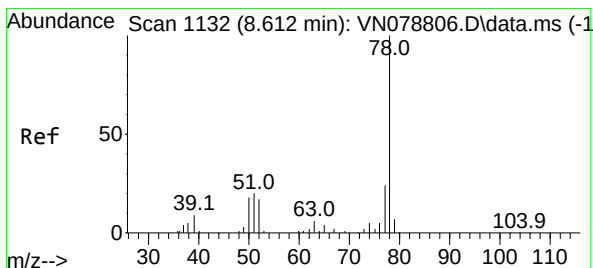
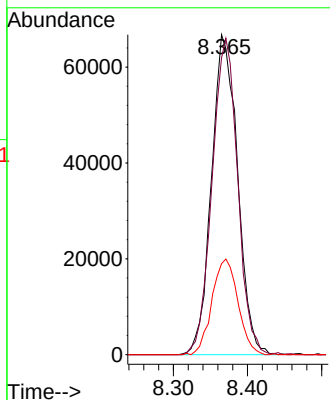
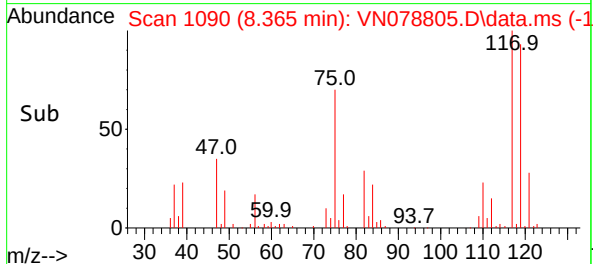
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



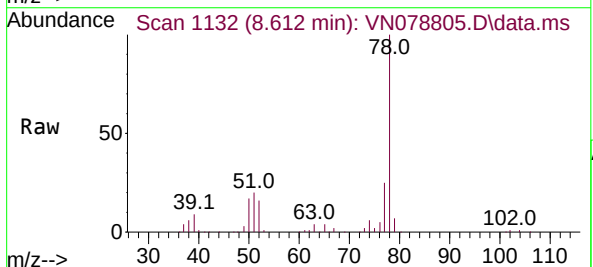
Tgt Ion:117 Resp: 16315
Ion Ratio Lower Upper
117 100
119 92.8 81.4 122.0
121 28.5 23.6 35.4

Manual Integrations
APPROVED

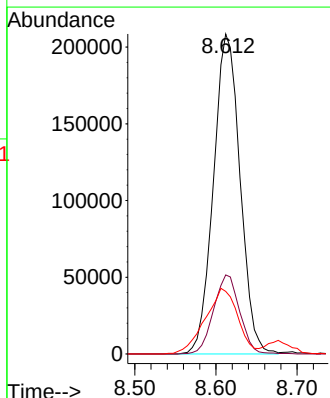
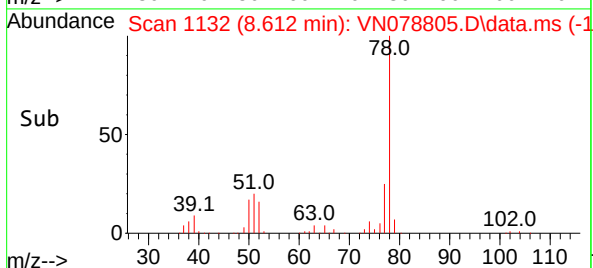
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

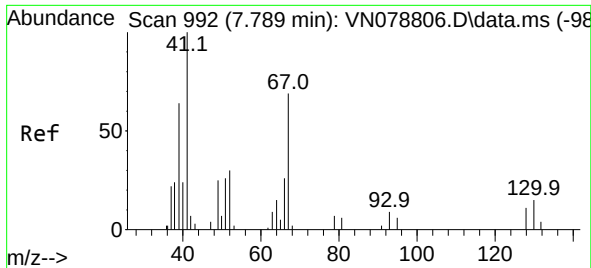


#34
Benzene
Concen: 57.481 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15



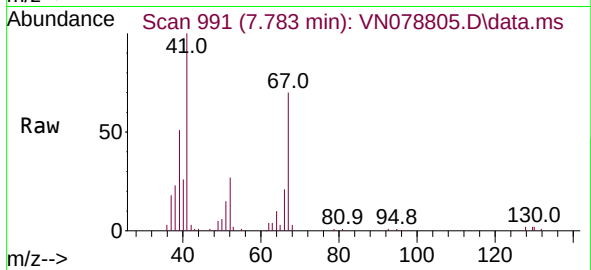
Tgt Ion: 78 Resp: 475468
Ion Ratio Lower Upper
78 100
77 24.7 18.3 27.5
51 18.8 13.7 20.5





#35
Methacrylonitrile
Concen: 74.294 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

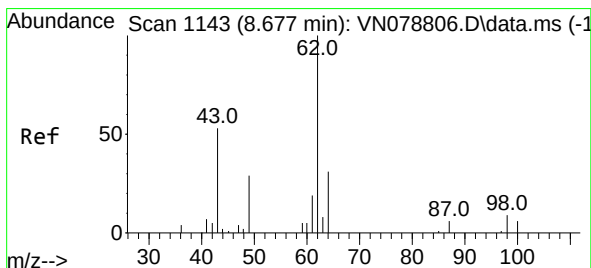
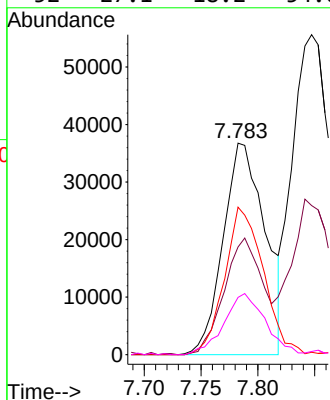
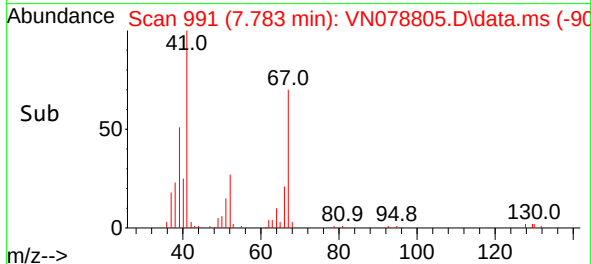
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 41 Resp: 94733
Ion Ratio Lower Upper
41 100
39 50.9 33.9 101.6
67 69.8 45.9 137.6
52 27.1 18.2 54.6

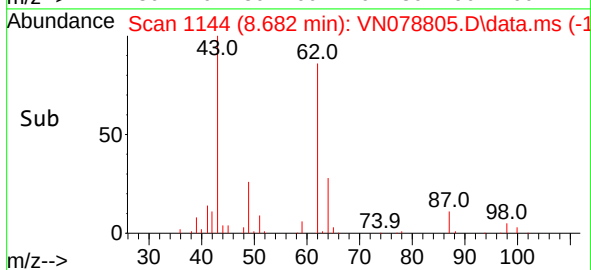
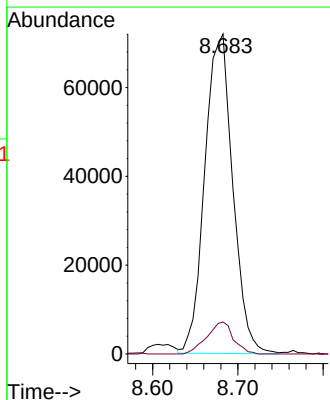
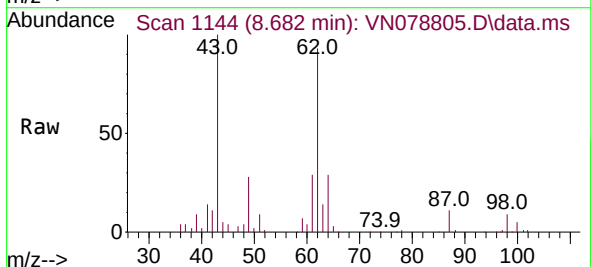
Manual Integrations
APPROVED

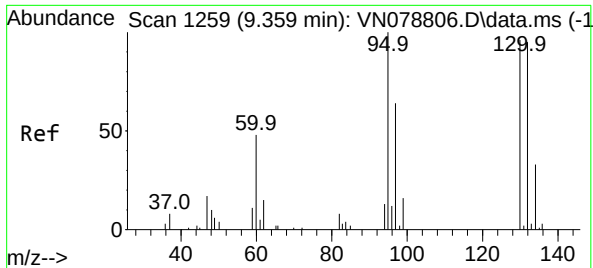
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#36
1,2-Dichloroethane
Concen: 56.867 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

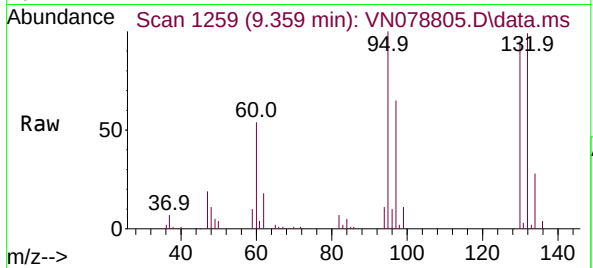
Tgt Ion: 62 Resp: 164337
Ion Ratio Lower Upper
62 100
98 9.5 7.4 11.0





#37
Trichloroethene
Concen: 48.388 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

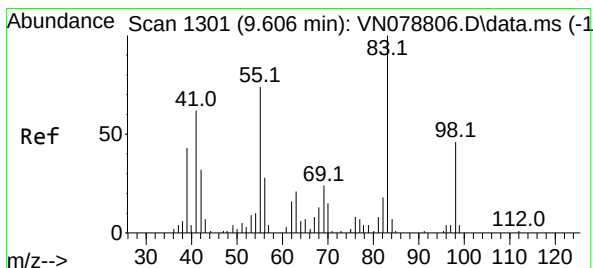
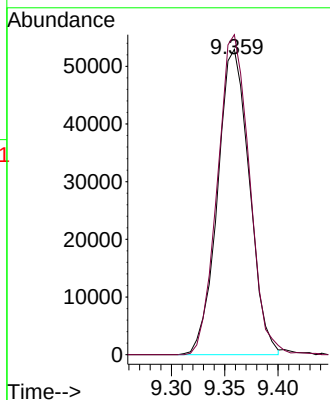
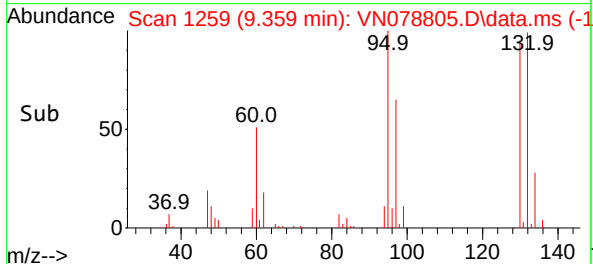
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



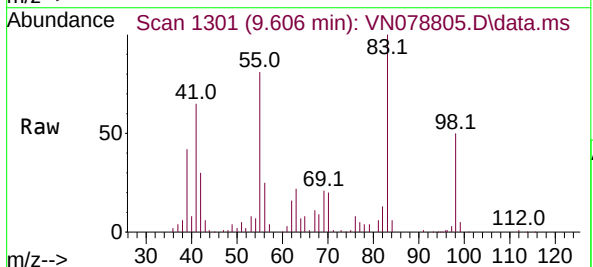
Tgt Ion:130 Resp: 109908
Ion Ratio Lower Upper
130 100
95 104.8 78.2 117.4

Manual Integrations
APPROVED

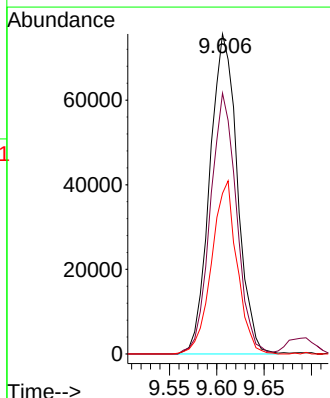
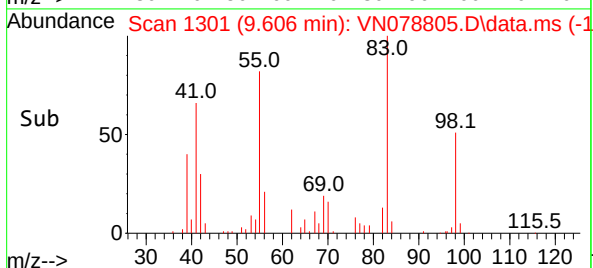
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

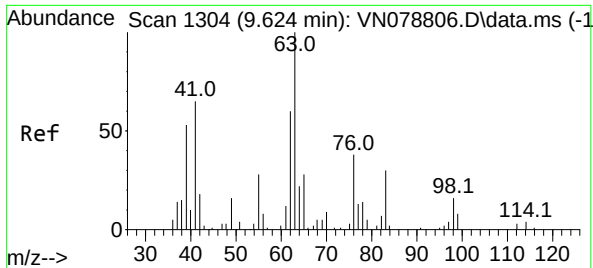


#38
Methylcyclohexane
Concen: 54.298 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15



Tgt Ion: 83 Resp: 153254
Ion Ratio Lower Upper
83 100
55 77.4 34.0 102.0
98 49.9 23.0 69.0





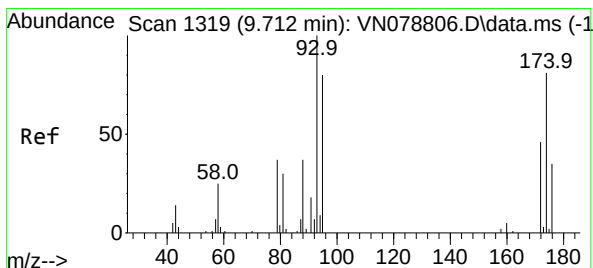
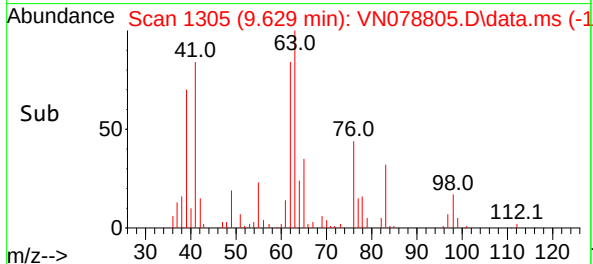
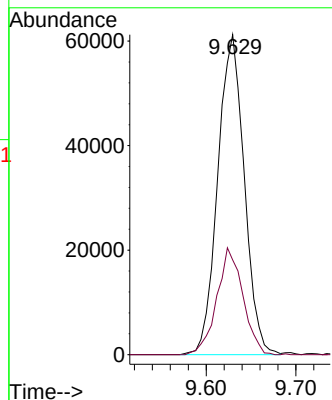
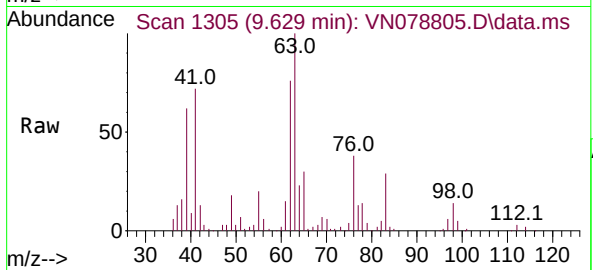
#39
1,2-Dichloropropane
Concen: 56.038 ug/l
RT: 9.629 min Scan# 1305
Delta R.T. 0.006 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 63 Resp: 12553
Ion Ratio Lower Upper
63 100
65 29.6 27.4 41.2

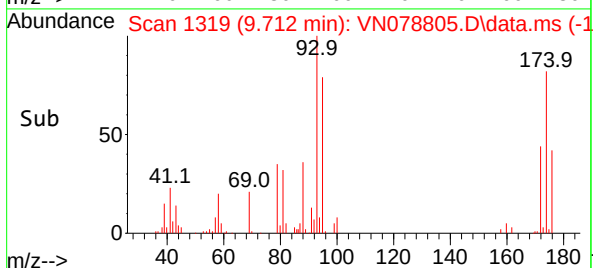
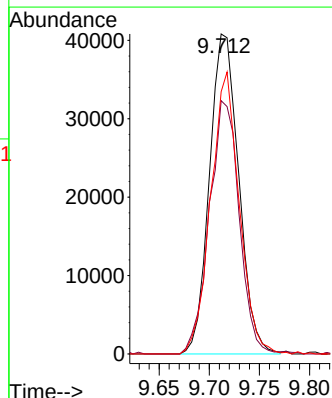
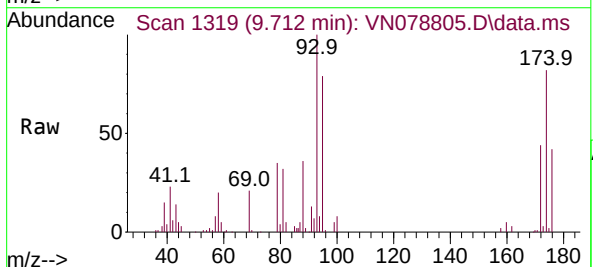
Manual Integrations
APPROVED

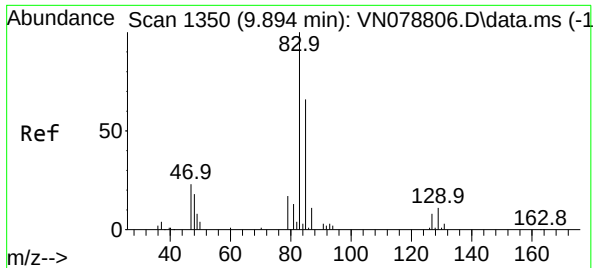
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#40
Dibromomethane
Concen: 54.607 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Tgt Ion: 93 Resp: 82838
Ion Ratio Lower Upper
93 100
95 80.4 0.0 167.8
174 85.9 0.0 180.8





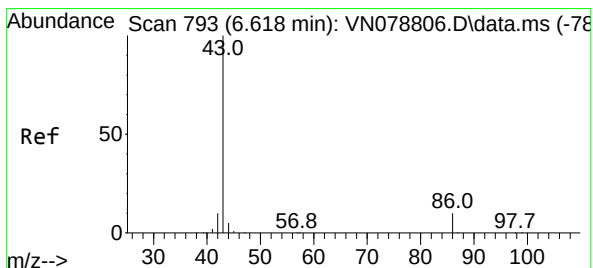
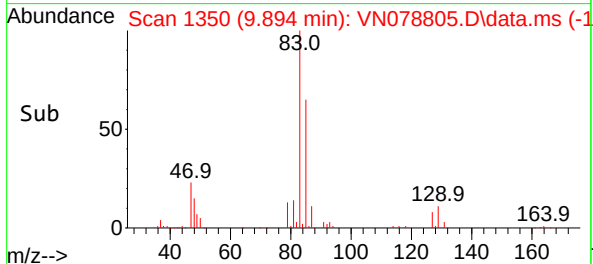
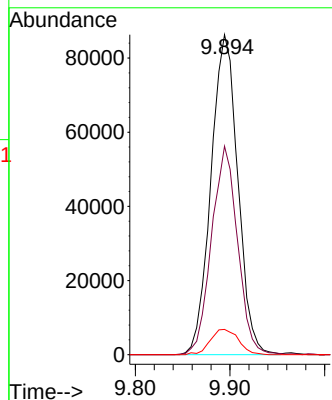
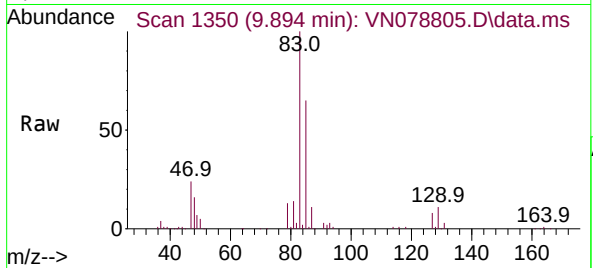
#41
Bromodichloromethane
Concen: 55.766 ug/l
RT: 9.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 170229
Ion Ratio Lower Upper
83 100
85 64.9 54.1 81.1
127 7.9 7.8 11.6

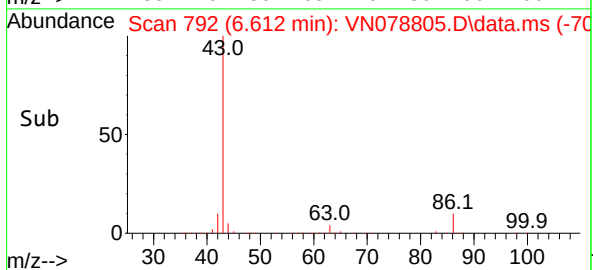
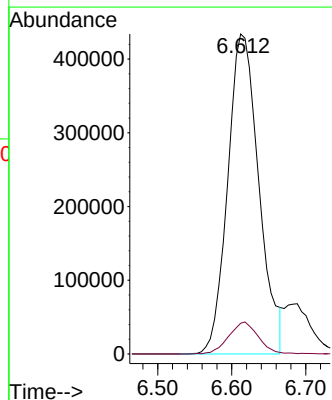
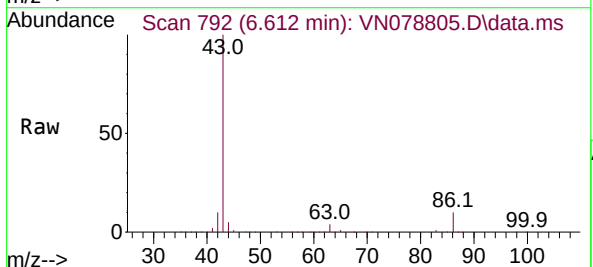
Manual Integrations
APPROVED

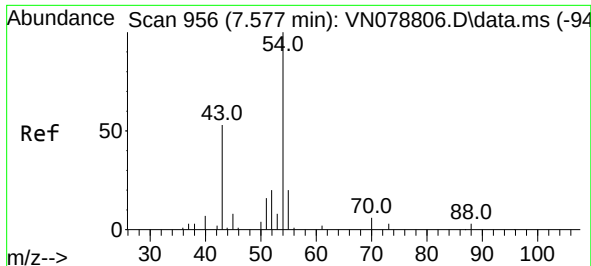
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#42
Vinyl Acetate
Concen: 347.136 ug/l m
RT: 6.612 min Scan# 792
Delta R.T. -0.006 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

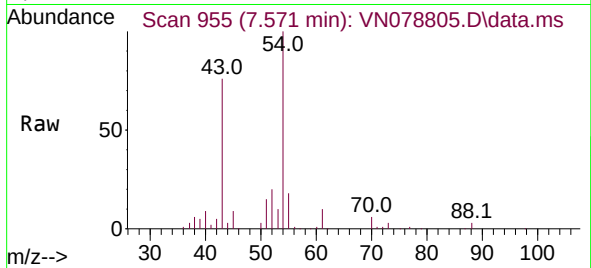
Tgt Ion: 43 Resp: 1270297
Ion Ratio Lower Upper
43 100
86 0.0 9.4 14.0#





#43
Ethyl Acetate
Concen: 61.575 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

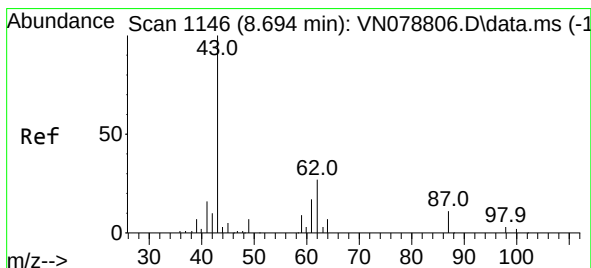
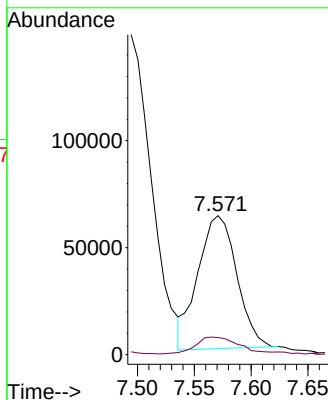
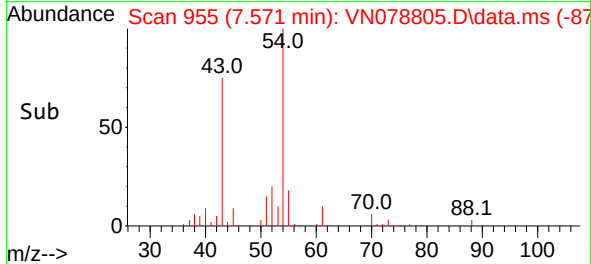
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



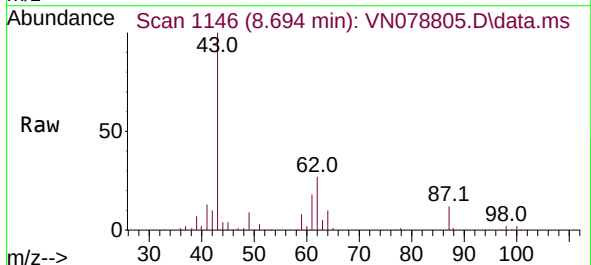
Tgt Ion: 43 Resp: 147759
Ion Ratio Lower Upper
43 100
45 13.8 10.9 16.3

Manual Integrations
APPROVED

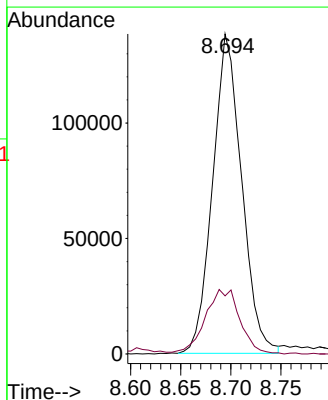
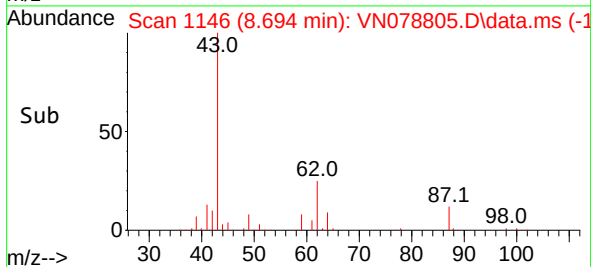
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

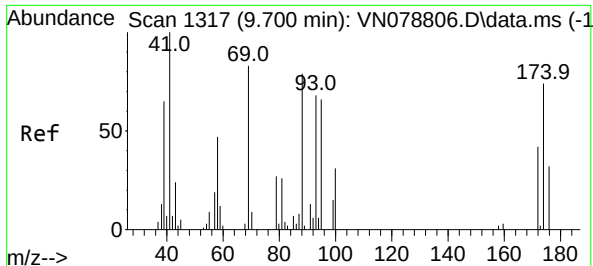


#44
Isopropyl Acetate
Concen: 67.530 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15



Tgt Ion: 43 Resp: 278203
Ion Ratio Lower Upper
43 100
61 24.3 23.0 34.6





#45

1,4-Dioxane

Concen: 1096.843 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN078805.D

Acq: 08 Aug 2023 18:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

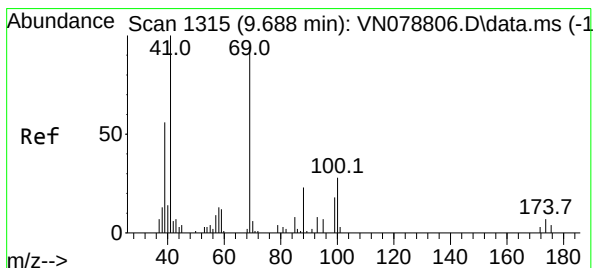
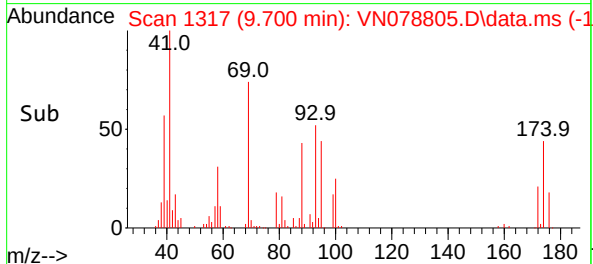
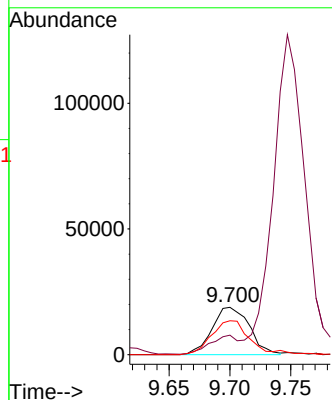
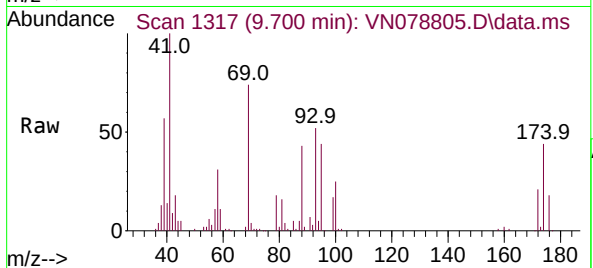
Tgt Ion: 88 Resp: 40312
 Ion Ratio Lower Upper
 88 100
 43 30.1 19.0 28.6
 58 70.0 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#46

Methyl methacrylate

Concen: 68.340 ug/l

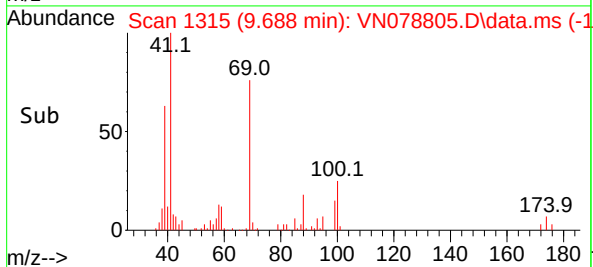
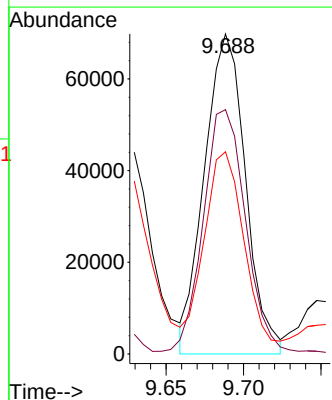
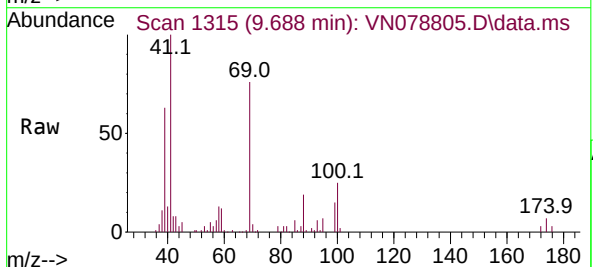
RT: 9.688 min Scan# 1315

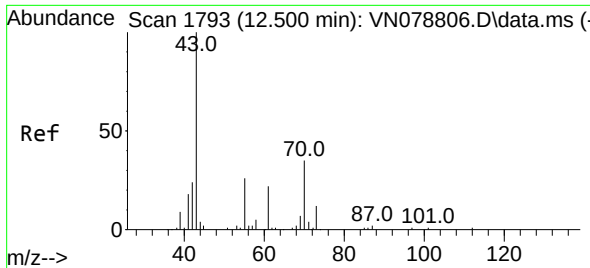
Delta R.T. -0.000 min

Lab File: VN078805.D

Acq: 08 Aug 2023 18:15

Tgt Ion: 41 Resp: 128661
 Ion Ratio Lower Upper
 41 100
 69 77.6 49.0 147.0
 39 61.9 31.6 94.8





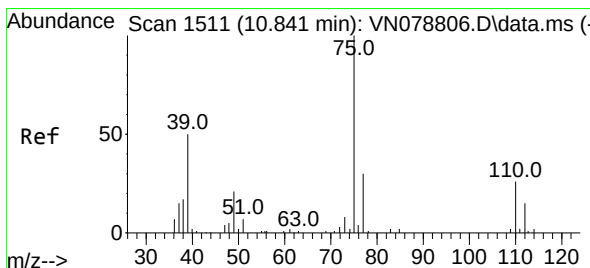
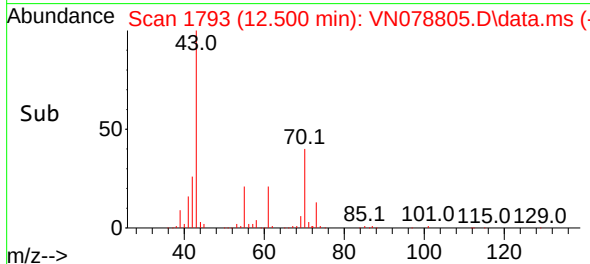
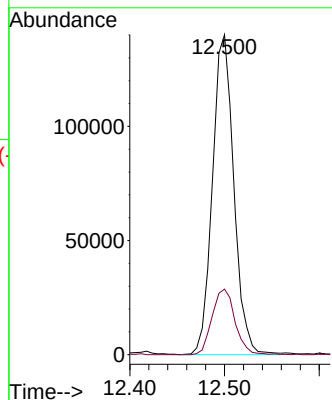
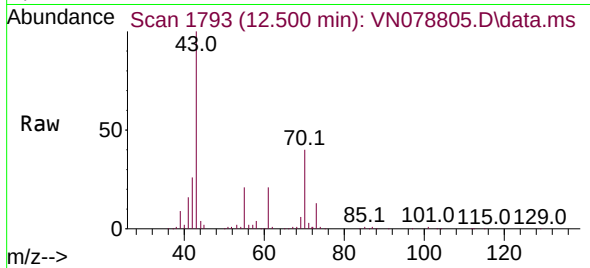
#47
n-amy1 Acetate
Concen: 69.329 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 43 Resp: 21989
Ion Ratio Lower Upper
43 100
55 21.9 21.5 32.3

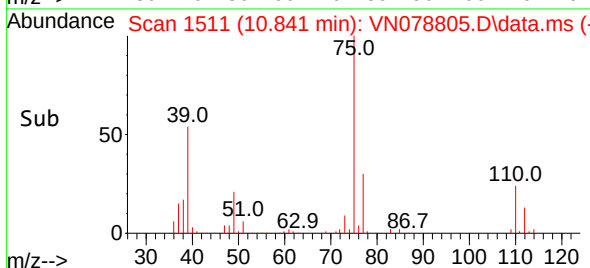
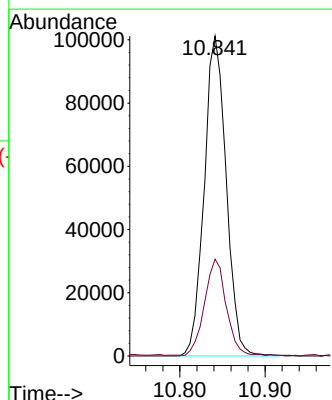
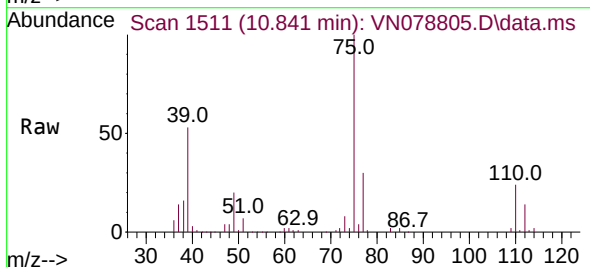
Manual Integrations
APPROVED

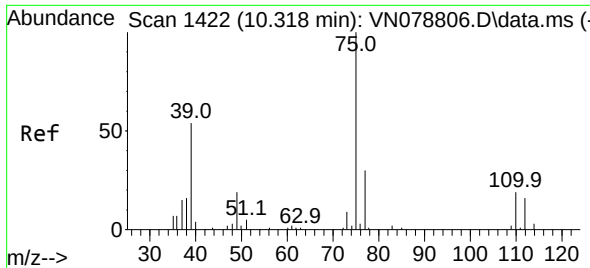
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#48
t-1,3-Dichloropropene
Concen: 56.914 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

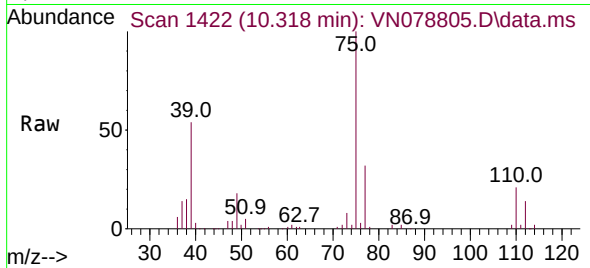
Tgt Ion: 75 Resp: 181822
Ion Ratio Lower Upper
75 100
77 30.0 26.1 39.1





#49
 cis-1,3-Dichloropropene
 Concen: 56.413 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078805.D
 Acq: 08 Aug 2023 18:15

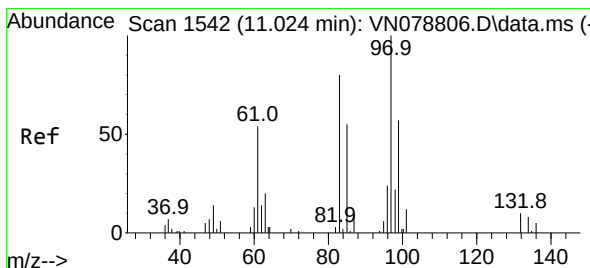
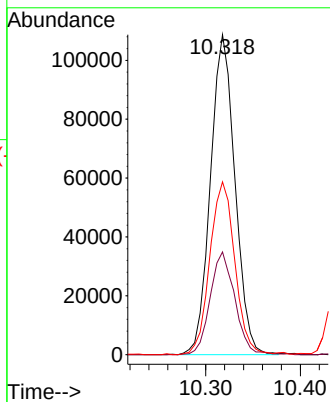
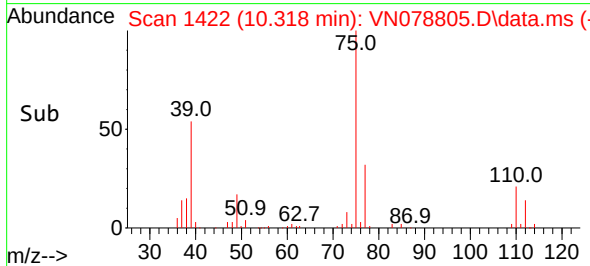
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



Tgt Ion: 75 Resp: 195412
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.0 36.0
 39 54.0 35.1 52.7

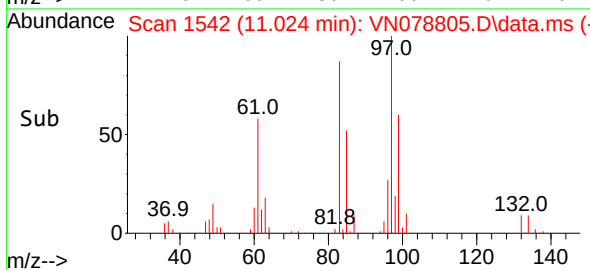
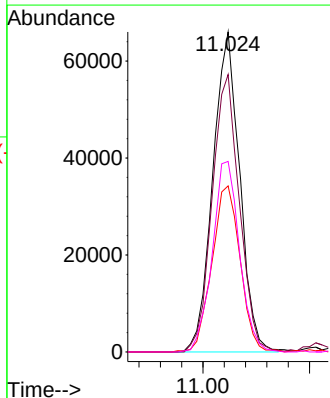
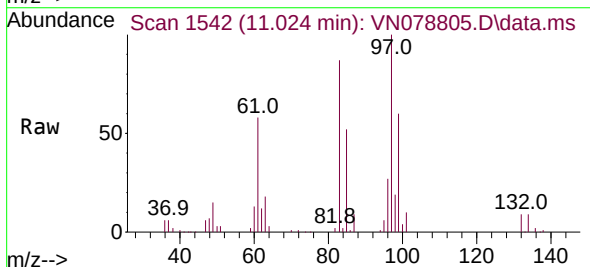
Manual Integrations
 APPROVED

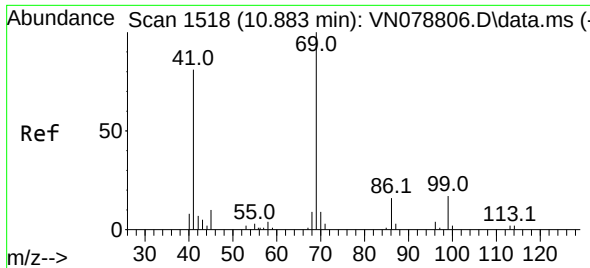
Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023



#50
 1,1,2-Trichloroethane
 Concen: 54.725 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. -0.000 min
 Lab File: VN078805.D
 Acq: 08 Aug 2023 18:15

Tgt Ion: 97 Resp: 115477
 Ion Ratio Lower Upper
 97 100
 83 86.7 66.8 100.2
 85 51.5 42.5 63.7
 99 59.5 48.3 72.5





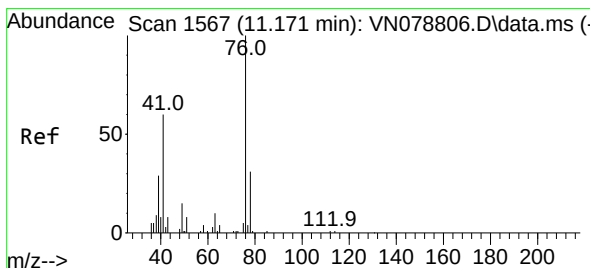
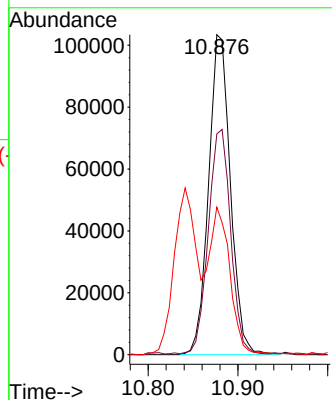
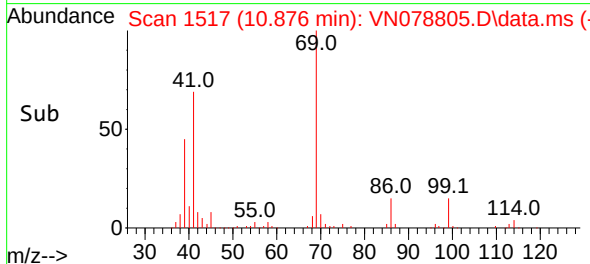
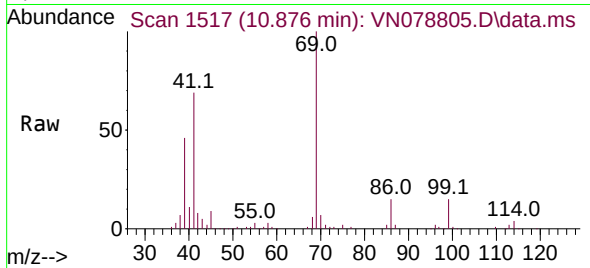
#51
Ethyl methacrylate
Concen: 60.251 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 69 Resp: 174979
Ion Ratio Lower Upper
69 100
41 68.7 26.0 78.0
39 45.8 16.3 48.9

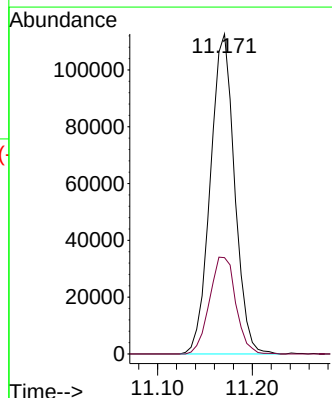
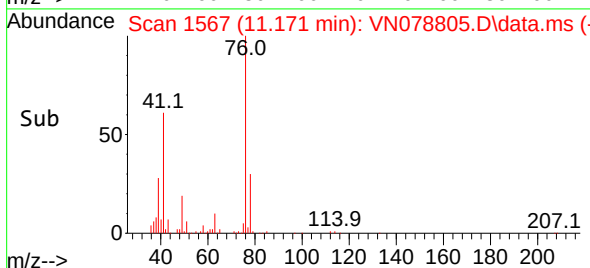
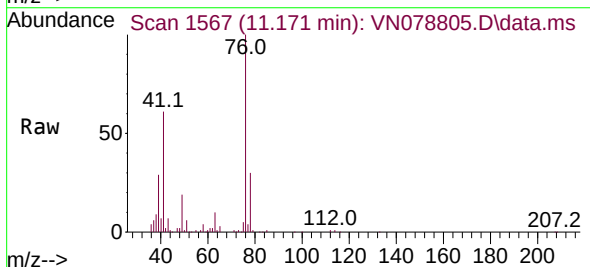
Manual Integrations
APPROVED

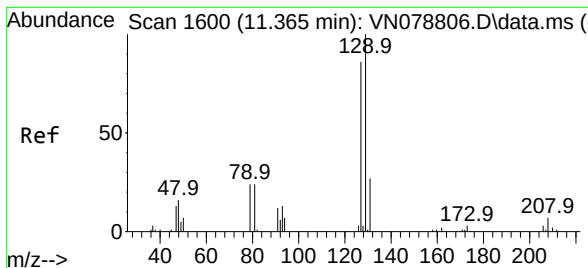
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#52
1,3-Dichloropropane
Concen: 52.214 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

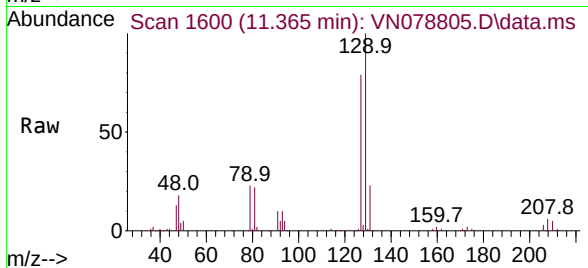
Tgt Ion: 76 Resp: 200318
Ion Ratio Lower Upper
76 100
78 32.7 0.0 66.2





#53
Dibromochloromethane
Concen: 52.712 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

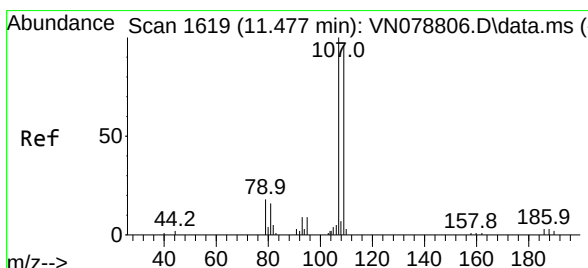
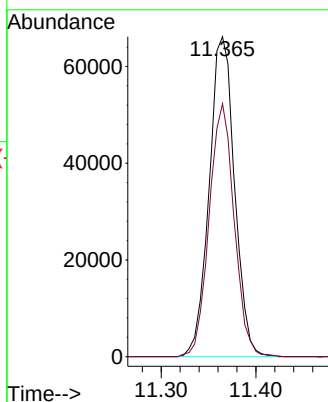
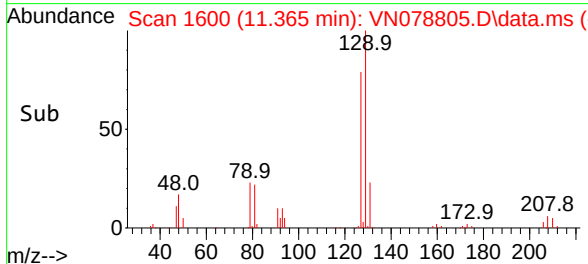
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



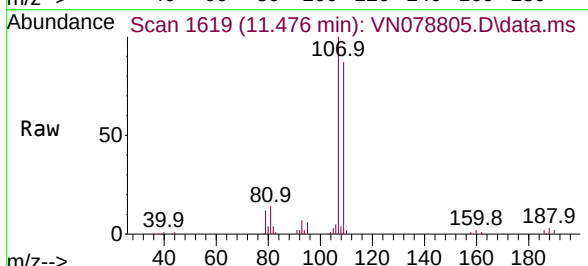
Tgt Ion:129 Resp: 123388
Ion Ratio Lower Upper
129 100
127 77.8 39.4 118.1

Manual Integrations
APPROVED

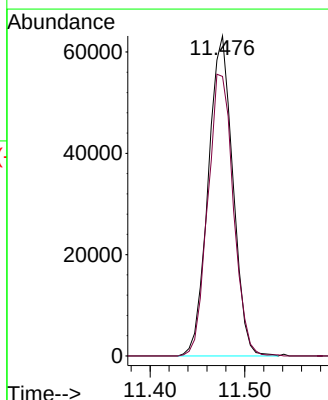
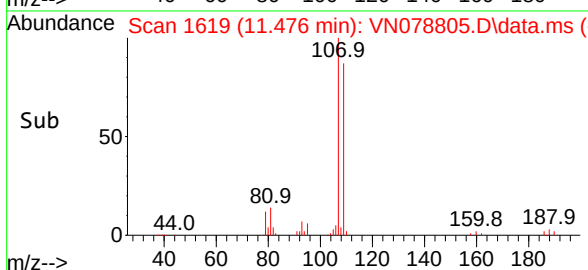
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

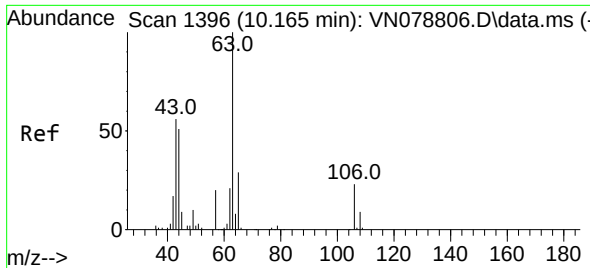


#54
1,2-Dibromoethane
Concen: 54.339 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15



Tgt Ion:107 Resp: 114336
Ion Ratio Lower Upper
107 100
109 91.0 74.6 112.0





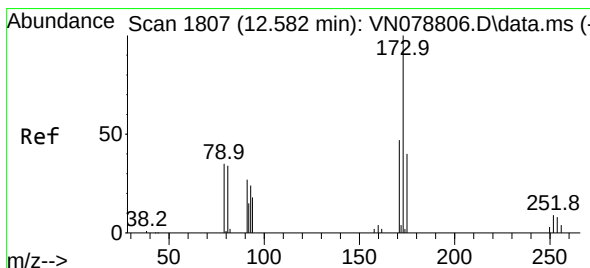
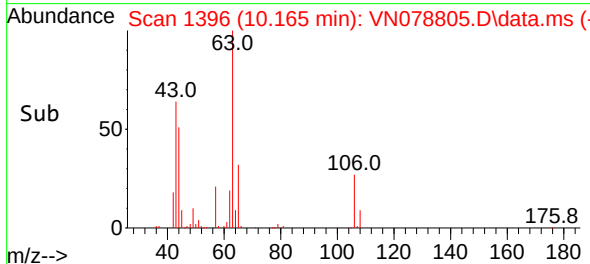
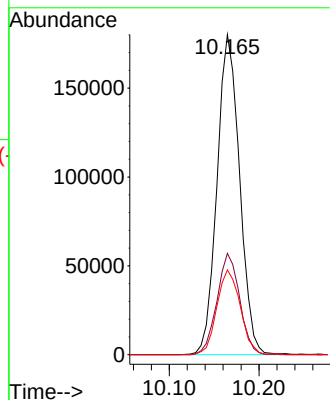
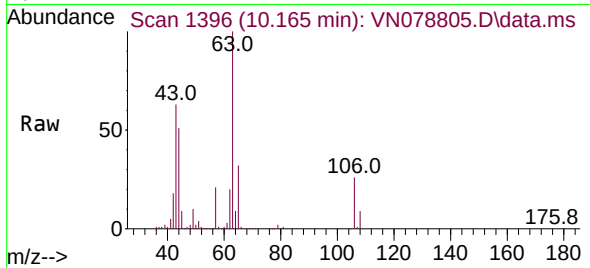
#55
2-Chloroethyl vinyl ether
Concen: 330.048 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 63 Resp: 31470
Ion Ratio Lower Upper
63 100
65 31.7 26.3 39.5
106 27.4 23.8 35.6

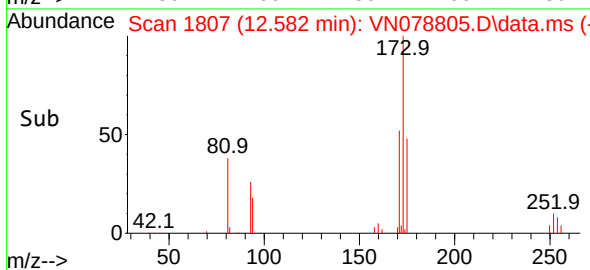
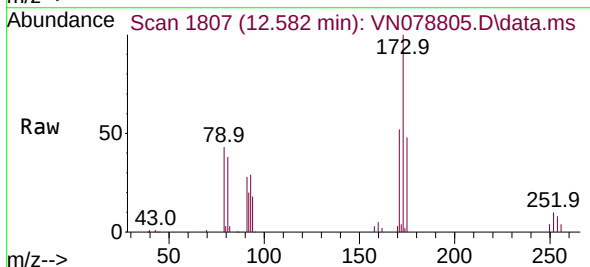
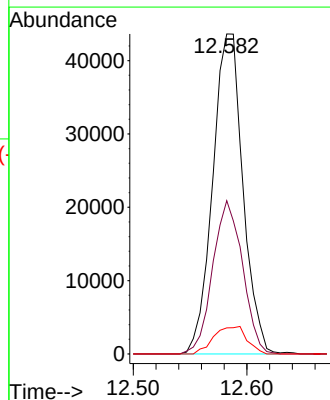
Manual Integrations
APPROVED

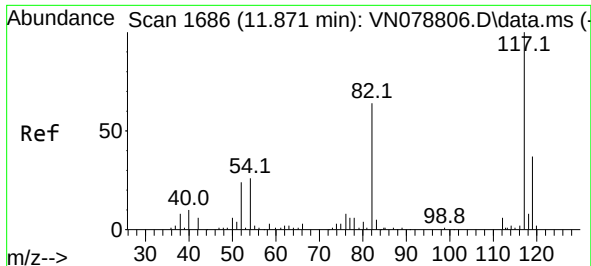
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#56
Bromoform
Concen: 51.924 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Tgt Ion:173 Resp: 80782
Ion Ratio Lower Upper
173 100
175 47.2 40.7 61.1
254 9.4 6.5 9.7





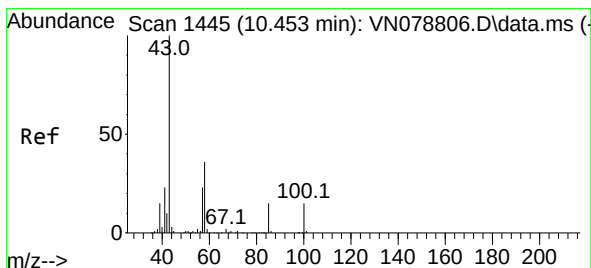
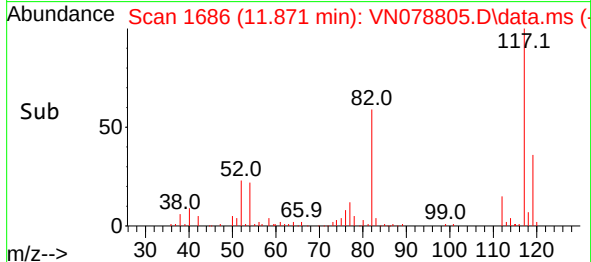
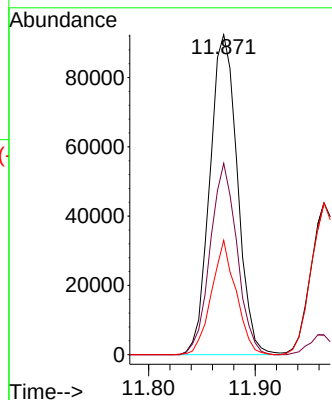
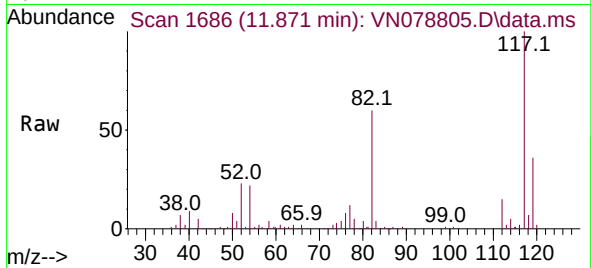
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:117 Resp: 166075
Ion Ratio Lower Upper
117 100
82 58.2 43.9 65.9
119 32.1 26.2 39.4

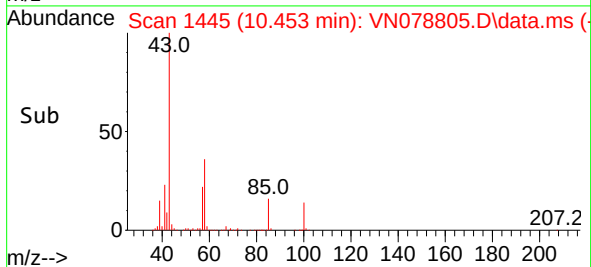
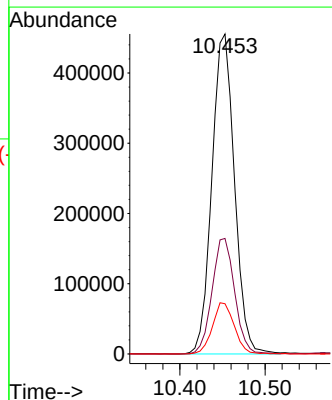
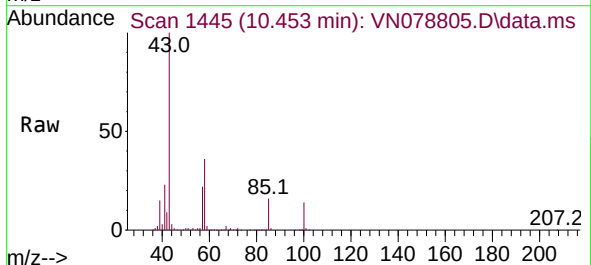
Manual Integrations
APPROVED

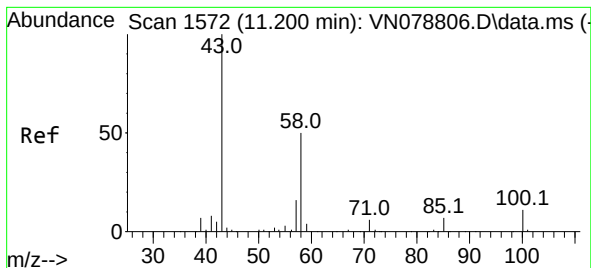
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#58
4-Methyl-2-Pentanone
Concen: 311.670 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

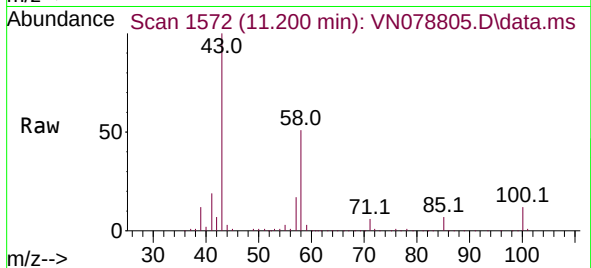
Tgt Ion: 43 Resp: 839660
Ion Ratio Lower Upper
43 100
58 36.1 32.6 48.8
85 15.5 16.2 24.2#





#59
2-Hexanone
Concen: 299.220 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

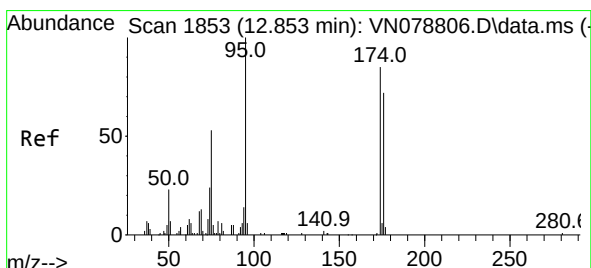
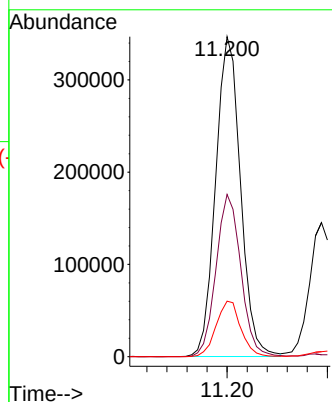
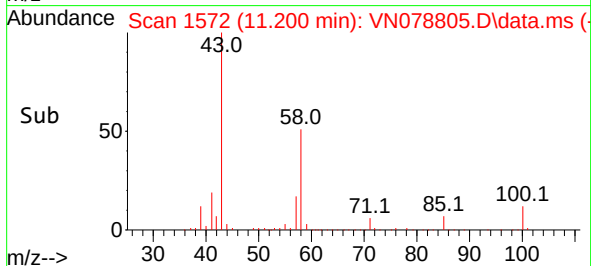
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 43 Resp: 595852
Ion Ratio Lower Upper
43 100
58 50.8 45.9 68.9
57 17.3 15.8 23.6

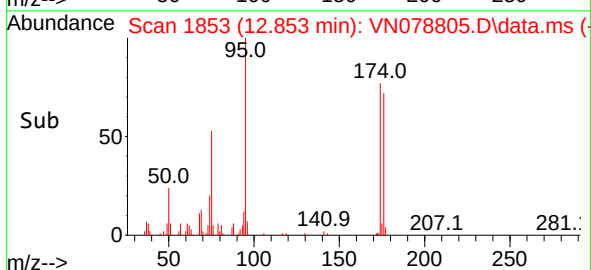
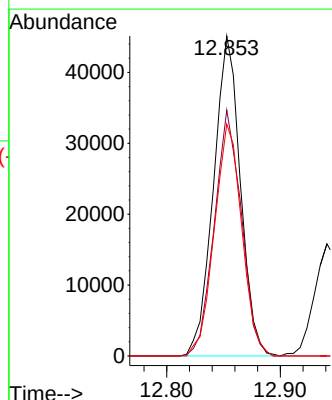
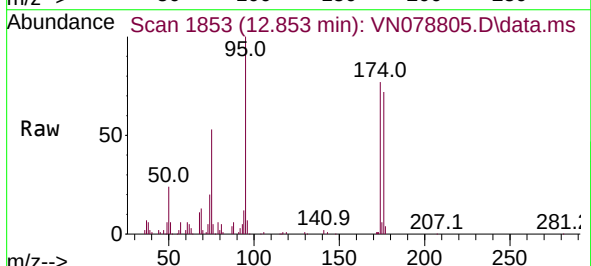
Manual Integrations
APPROVED

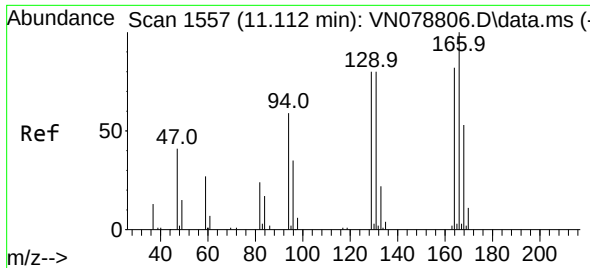
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#60
4-Bromofluorobenzene
Concen: 29.503 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

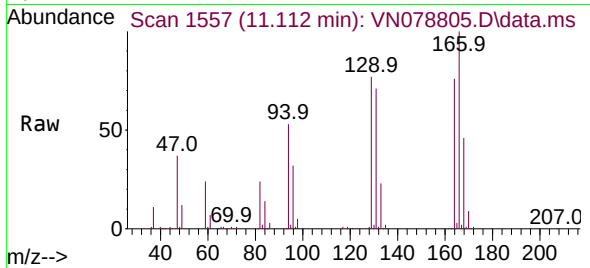
Tgt Ion: 95 Resp: 74239
Ion Ratio Lower Upper
95 100
174 77.2 61.7 92.5
176 73.9 58.1 87.1





#61
Tetrachloroethene
Concen: 42.981 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

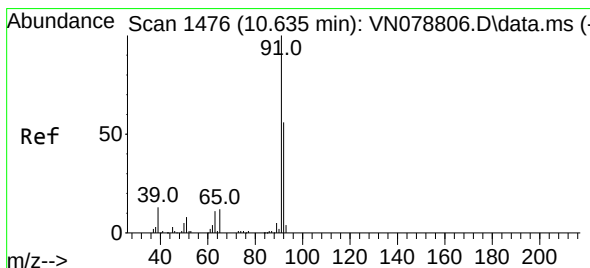
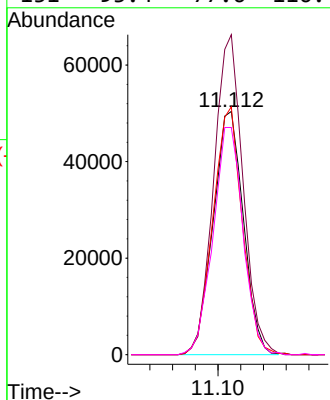
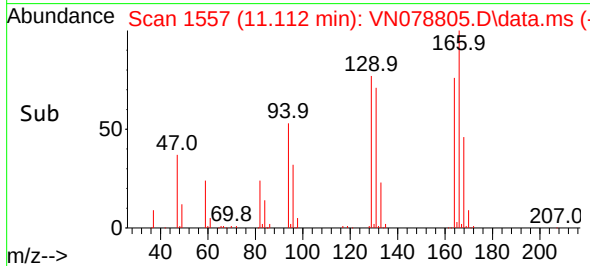
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



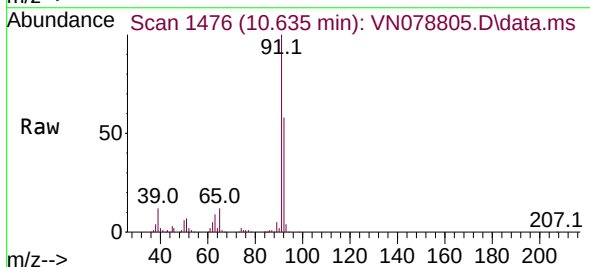
Tgt Ion:164 Resp: 93270
Ion Ratio Lower Upper
164 100
166 131.5 99.1 148.7
129 101.9 85.6 128.4
131 93.4 77.6 116.4

Manual Integrations
APPROVED

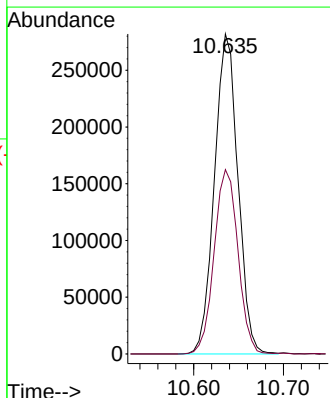
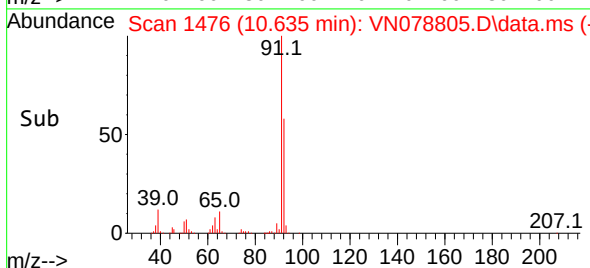
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

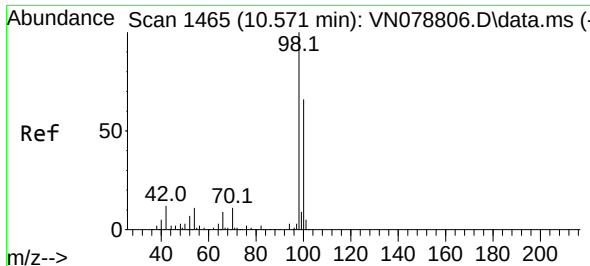


#62
Toluene
Concen: 50.420 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15



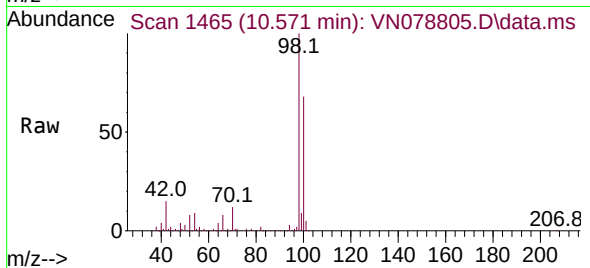
Tgt Ion: 91 Resp: 512132
Ion Ratio Lower Upper
91 100
92 58.5 45.2 67.8





#63
Toluene-d8
Concen: 28.286 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

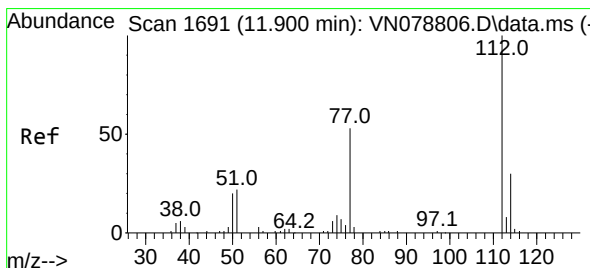
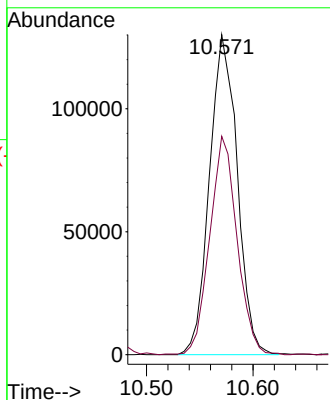
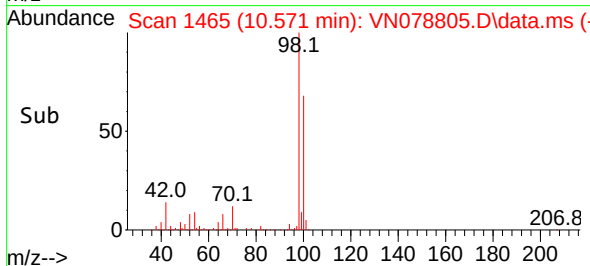
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



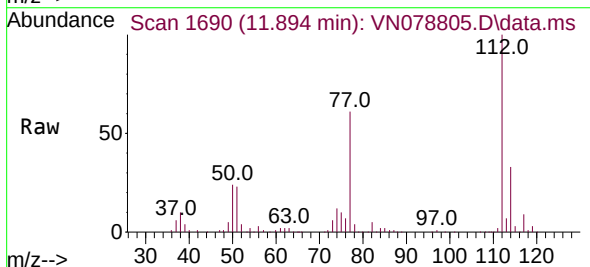
Tgt Ion: 98 Resp: 235192
Ion Ratio Lower Upper
98 100
100 67.1 49.7 74.5

Manual Integrations
APPROVED

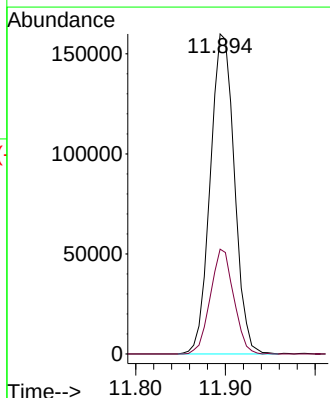
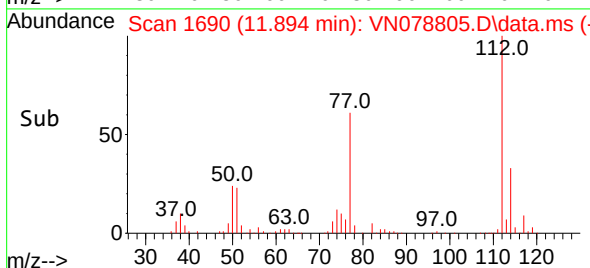
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

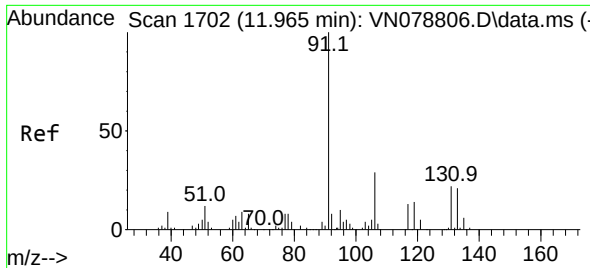


#64
Chlorobenzene
Concen: 50.593 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15



Tgt Ion:112 Resp: 298469
Ion Ratio Lower Upper
112 100
114 32.7 25.9 38.9





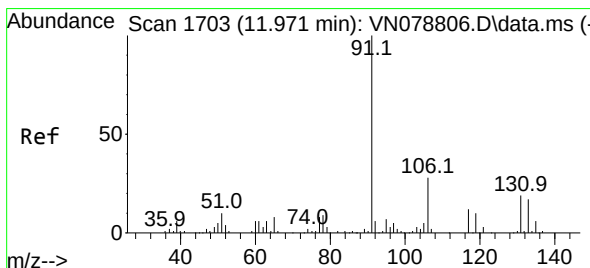
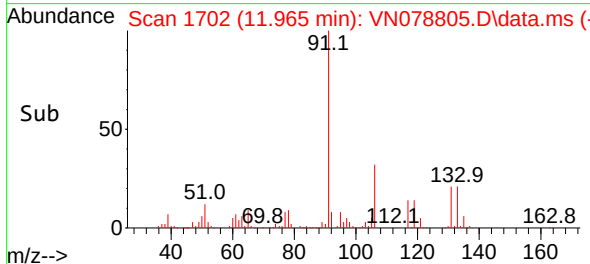
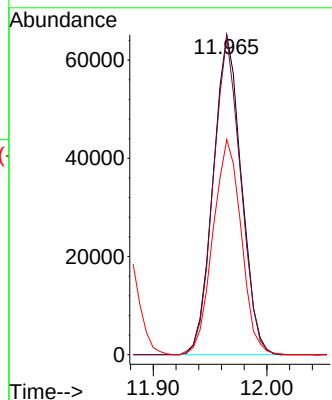
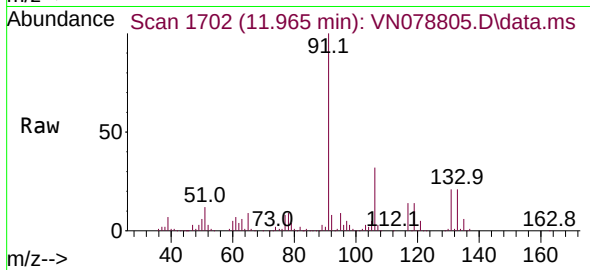
#65
1,1,1,2-Tetrachloroethane
Concen: 48.670 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:131 Resp: 112419
Ion Ratio Lower Upper
131 100
133 96.8 0.0 191.8
119 67.3 0.0 132.0

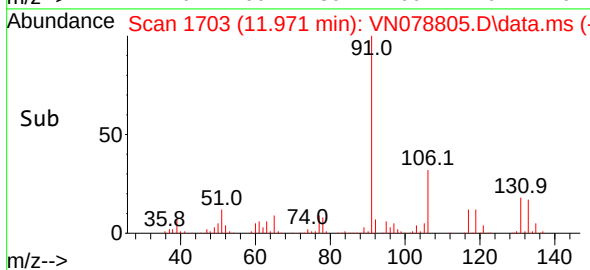
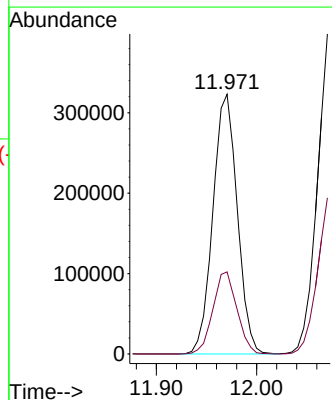
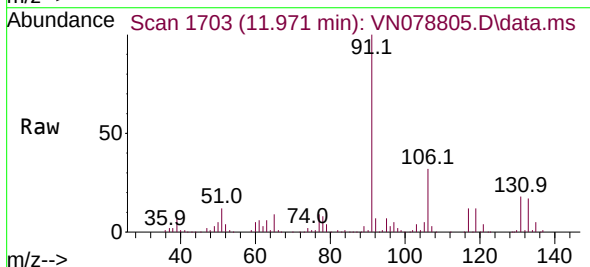
Manual Integrations
APPROVED

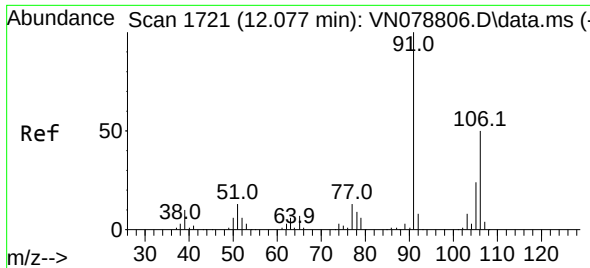
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#66
Ethyl Benzene
Concen: 52.961 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Tgt Ion: 91 Resp: 545265
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4





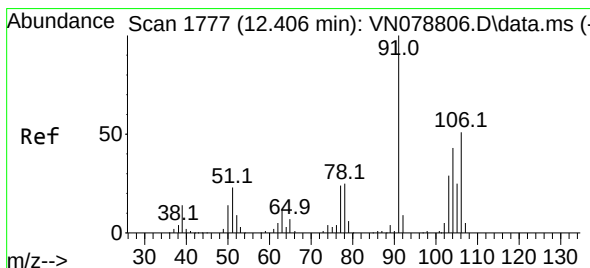
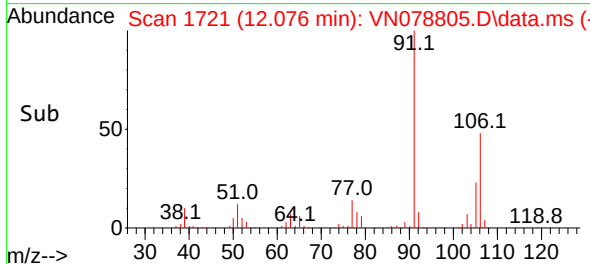
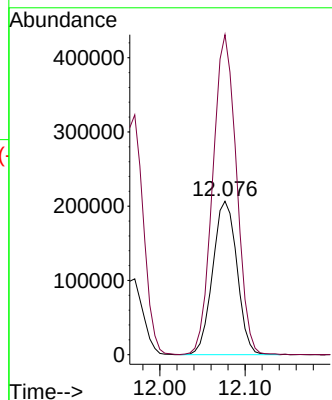
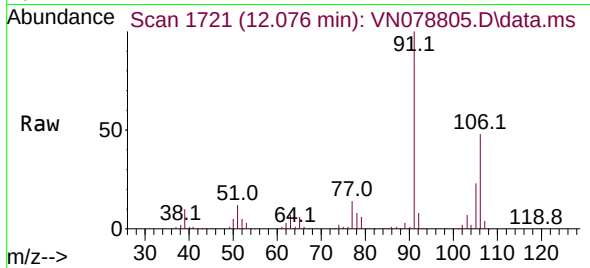
#67
m/p-Xylenes
Concen: 105.286 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 40948
Ion Ratio Lower Upper
106 100
91 204.2 162.5 243.7

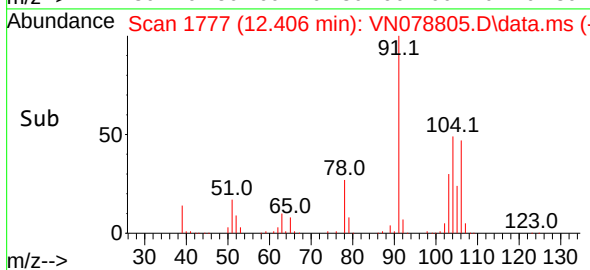
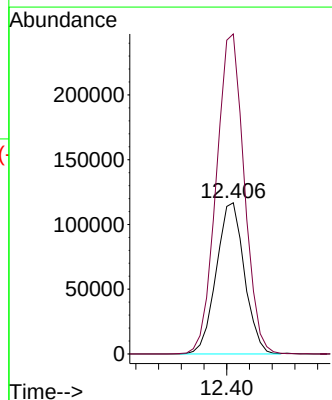
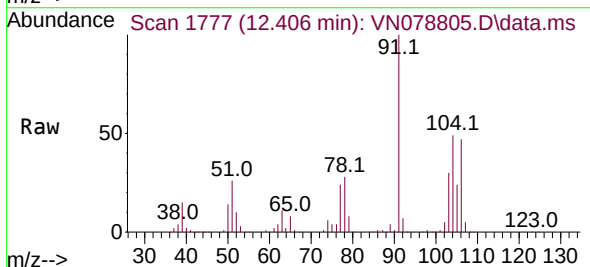
Manual Integrations
APPROVED

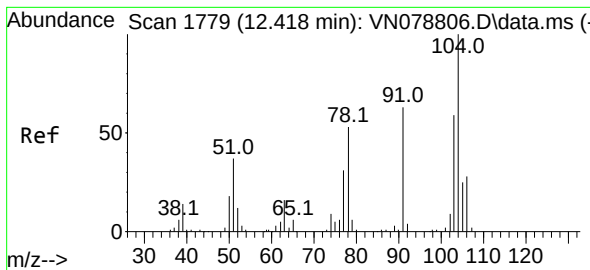
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#68
o-Xylene
Concen: 50.389 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Tgt Ion:106 Resp: 200695
Ion Ratio Lower Upper
106 100
91 210.4 106.1 318.3





#69

Styrene

Concen: 51.674 ug/l

RT: 12.418 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078805.D

Acq: 08 Aug 2023 18:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

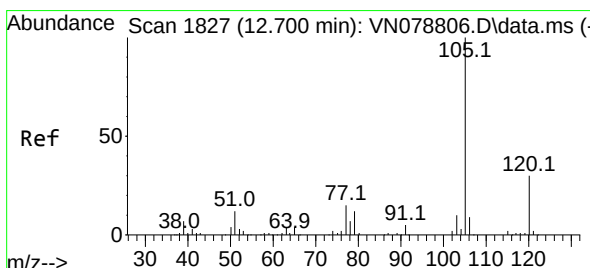
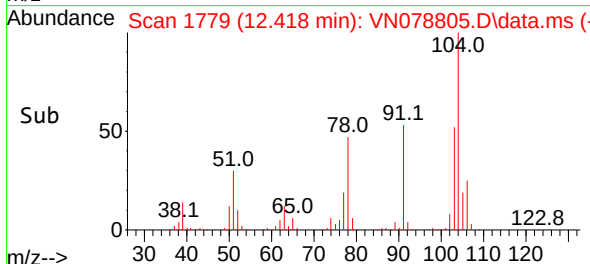
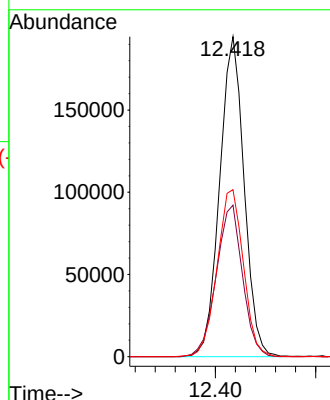
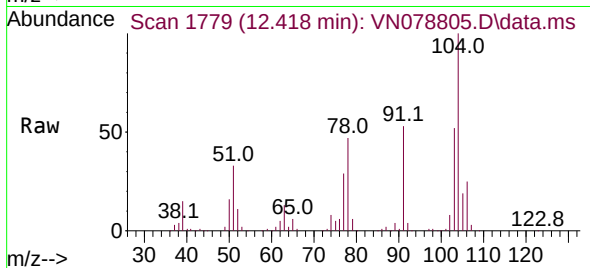
Tgt Ion:104 Resp: 329224
 Ion Ratio Lower Upper
 104 100
 78 50.8 40.1 60.1
 103 56.2 45.1 67.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#70

Isopropylbenzene

Concen: 52.228 ug/l

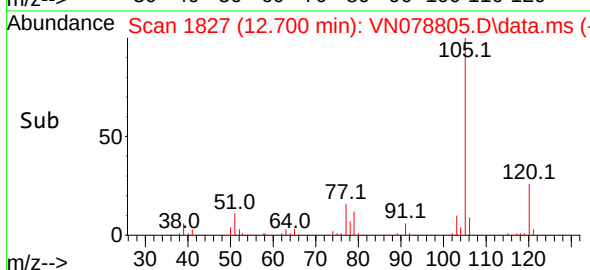
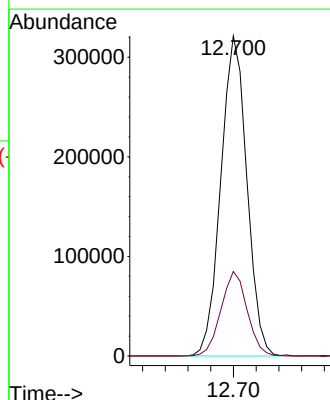
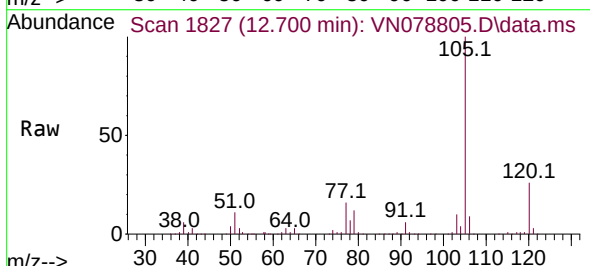
RT: 12.700 min Scan# 1827

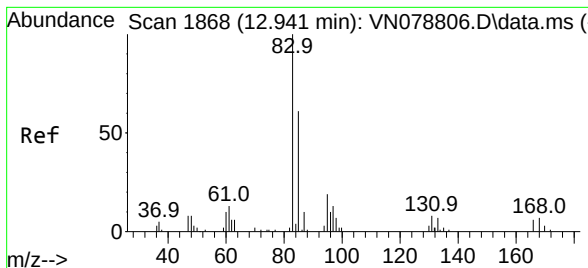
Delta R.T. -0.000 min

Lab File: VN078805.D

Acq: 08 Aug 2023 18:15

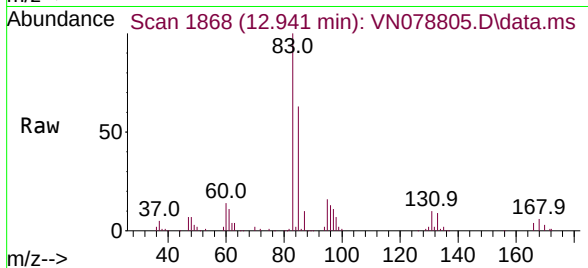
Tgt Ion:105 Resp: 511644
 Ion Ratio Lower Upper
 105 100
 120 26.5 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 50.038 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

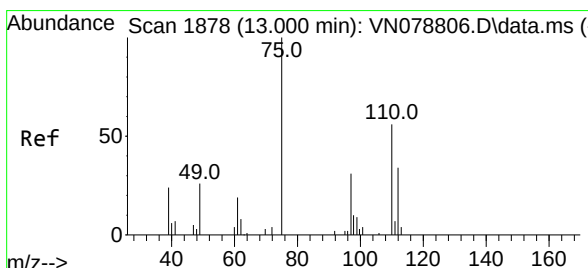
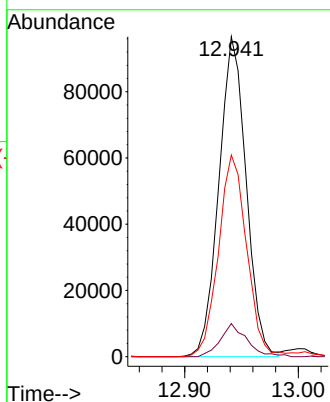
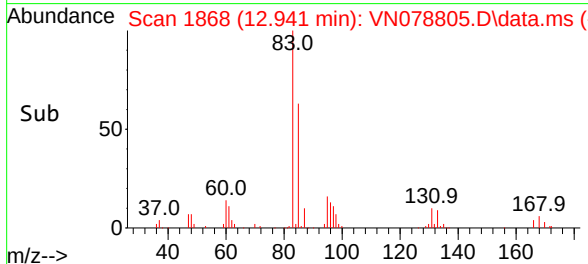
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 83 Resp: 161220
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.4
85 64.5 32.6 98.0

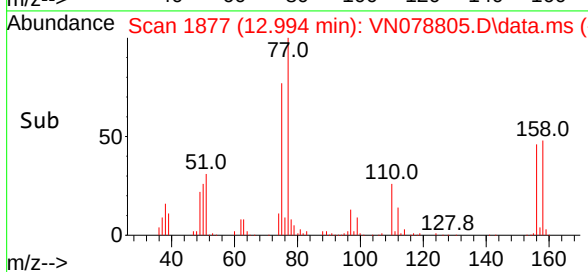
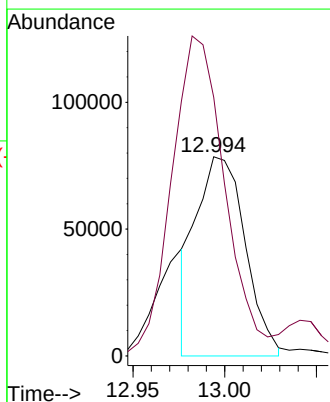
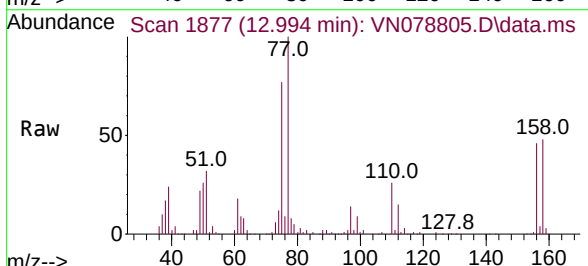
Manual Integrations
APPROVED

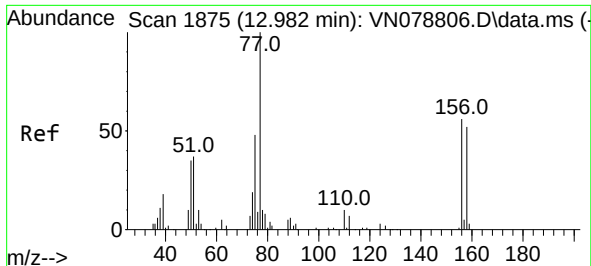
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#72
1,2,3-Trichloropropane
Concen: 55.674 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

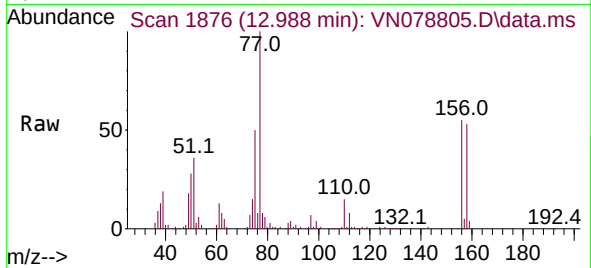
Tgt Ion: 75 Resp: 146049
Ion Ratio Lower Upper
75 100
77 173.6 0.0 387.4





#73
Bromobenzene
Concen: 49.251 ug/l
RT: 12.988 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

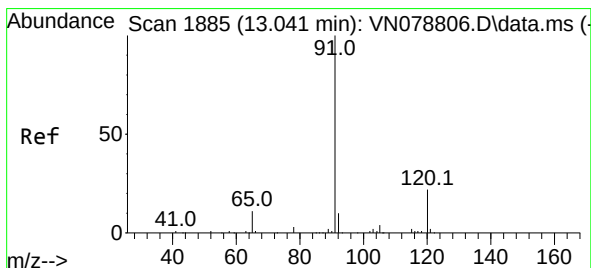
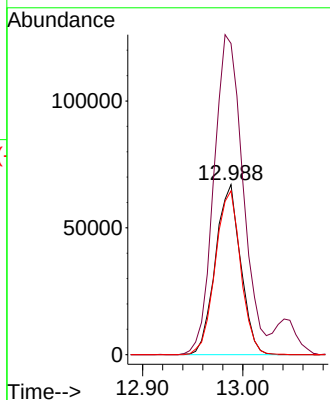
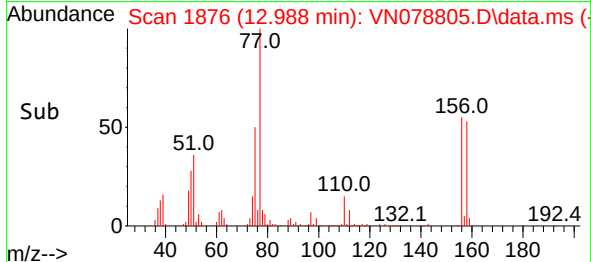
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:156 Resp: 117488
Ion Ratio Lower Upper
156 100
77 215.7 0.0 420.8
158 96.6 0.0 193.2

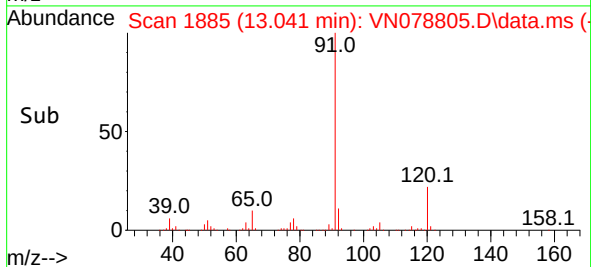
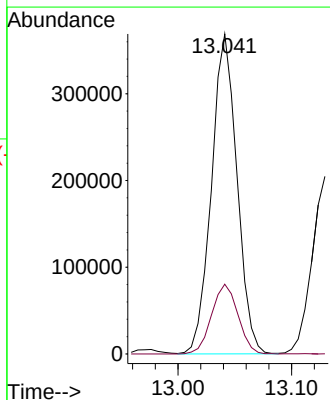
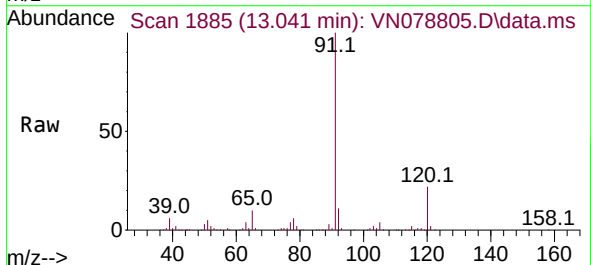
Manual Integrations
APPROVED

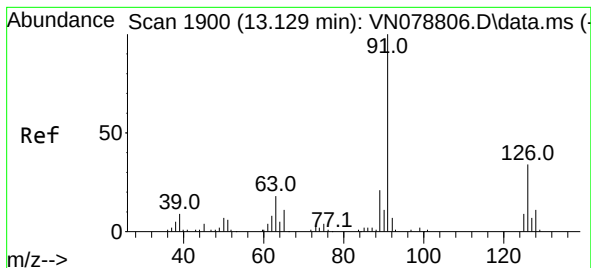
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#74
n-propylbenzene
Concen: 52.540 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Tgt Ion: 91 Resp: 575466
Ion Ratio Lower Upper
91 100
120 22.5 0.0 44.6





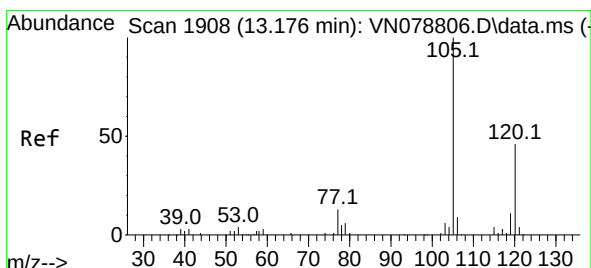
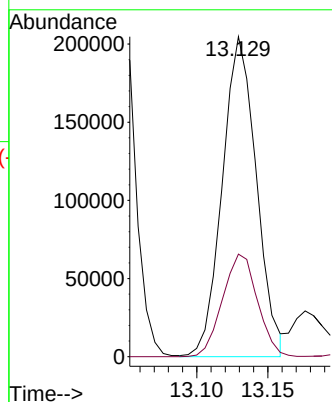
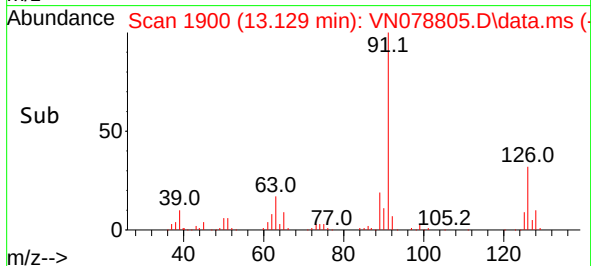
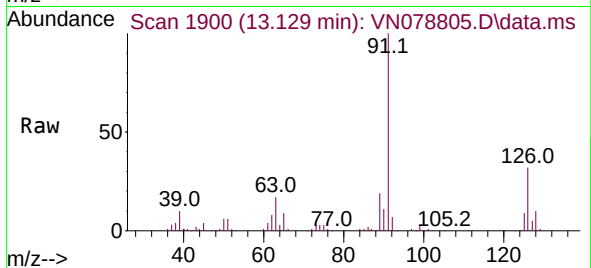
#75
2-Chlorotoluene
Concen: 45.347 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 91 Resp: 34139
Ion Ratio Lower Upper
91 100
126 32.8 0.0 67.2

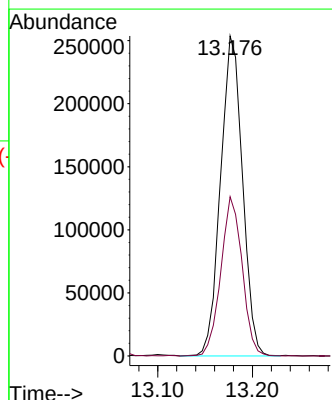
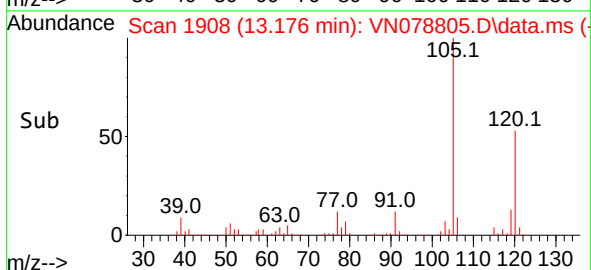
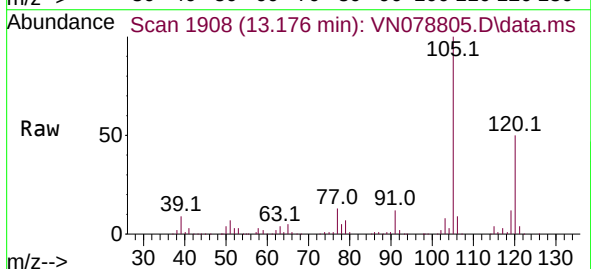
Manual Integrations
APPROVED

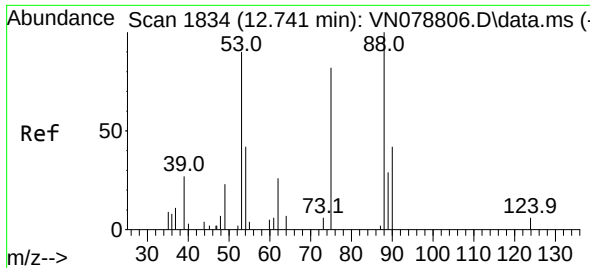
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 46.680 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

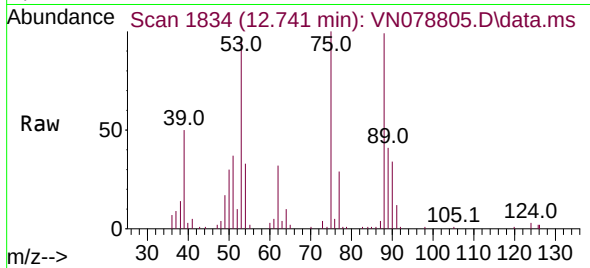
Tgt Ion:105 Resp: 408689
Ion Ratio Lower Upper
105 100
120 48.3 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 53.196 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

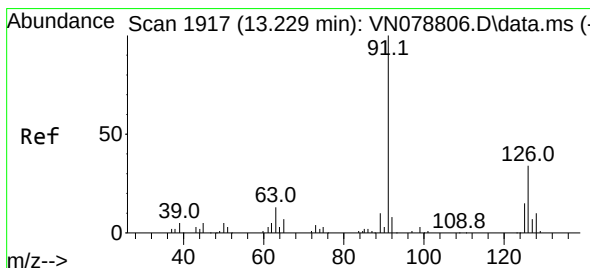
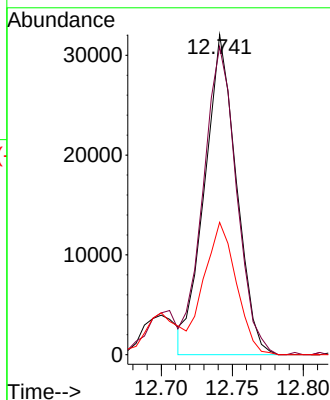
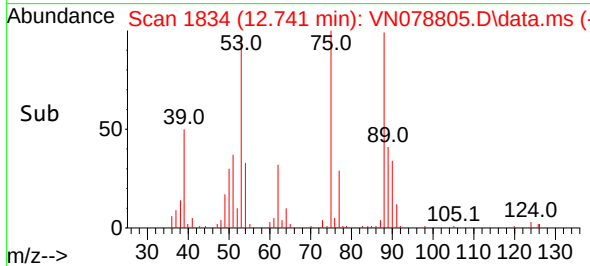
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



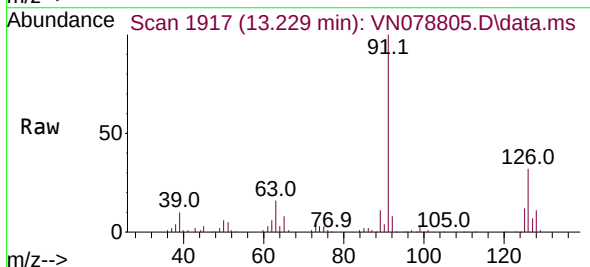
Tgt Ion: 75 Resp: 4981
Ion Ratio Lower Upper
75 100
53 96.2 41.6 124.9
89 41.4 25.1 75.4

Manual Integrations
APPROVED

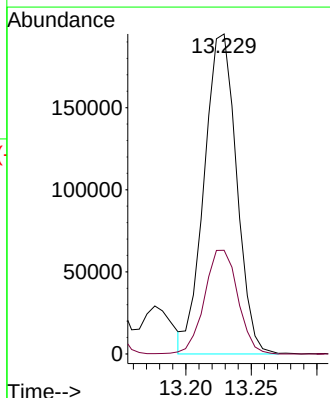
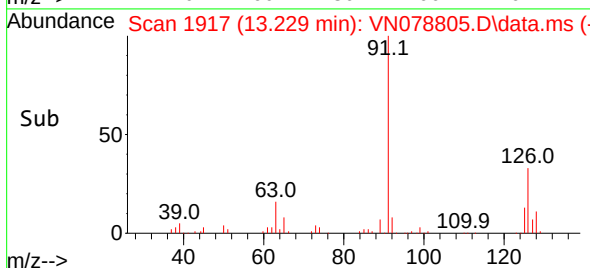
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

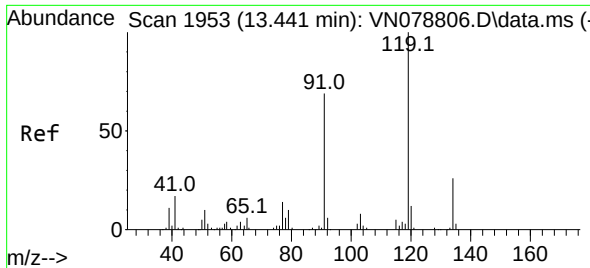


#78
4-Chlorotoluene
Concen: 46.701 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15



Tgt Ion: 91 Resp: 335129
Ion Ratio Lower Upper
91 100
126 33.3 0.0 68.8





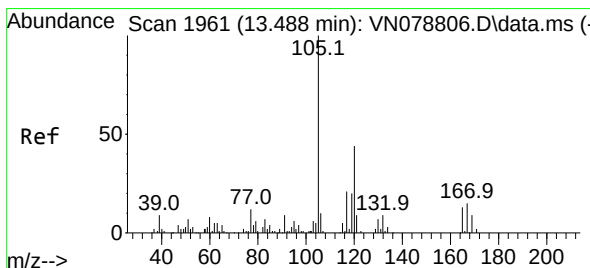
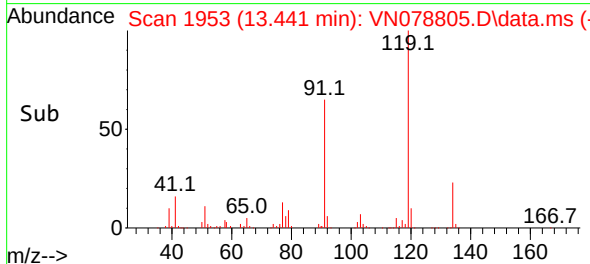
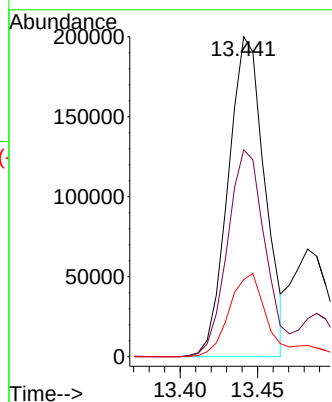
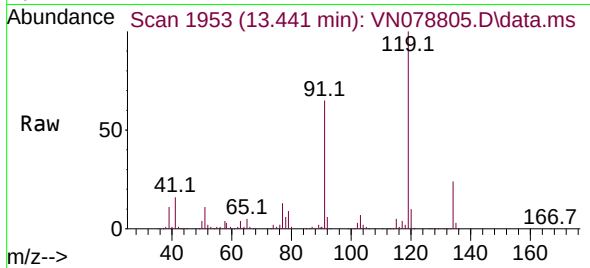
#79
tert-butylbenzene
Concen: 43.707 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:119 Resp: 32789
Ion Ratio Lower Upper
119 100
91 66.9 0.0 126.6
134 25.7 0.0 44.0

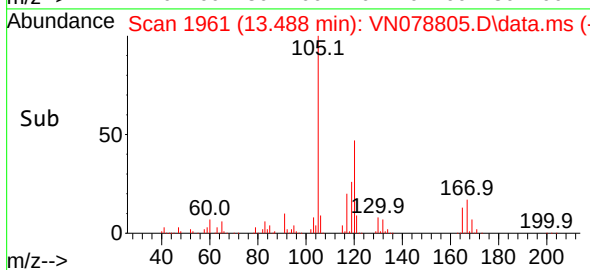
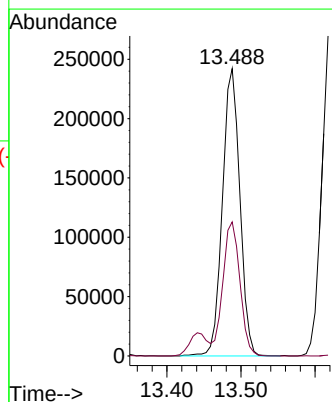
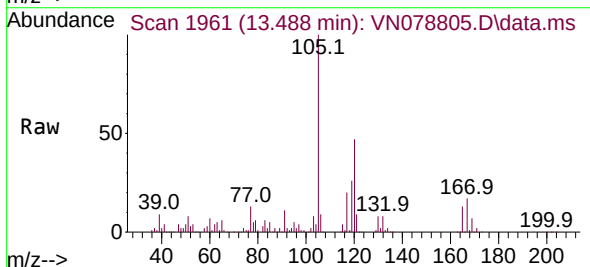
Manual Integrations
APPROVED

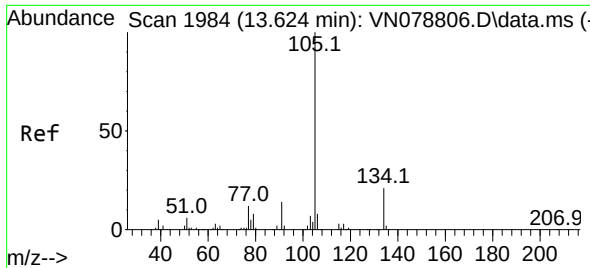
Reviewed By :John Carbone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#80
1,2,4-Trimethylbenzene
Concen: 47.621 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

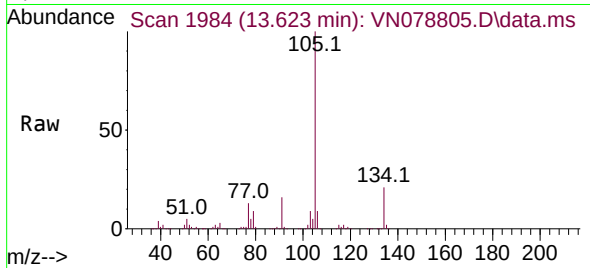
Tgt Ion:105 Resp: 395576
Ion Ratio Lower Upper
105 100
120 45.8 0.0 88.2





#81
 sec-Butylbenzene
 Concen: 46.696 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078805.D
 Acq: 08 Aug 2023 18:15

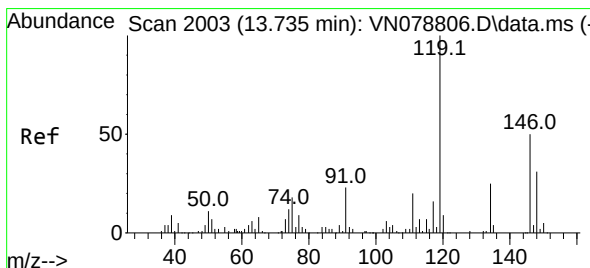
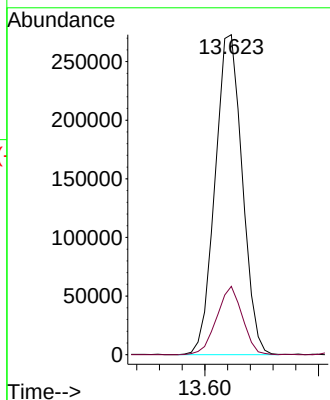
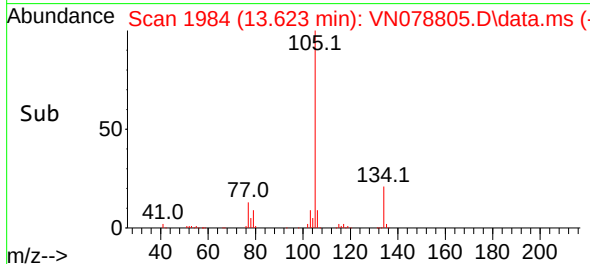
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



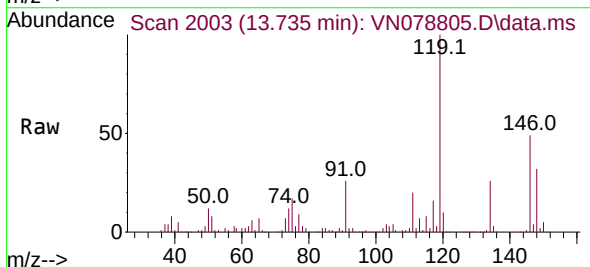
Tgt Ion:105 Resp: 45333
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 38.6

Manual Integrations
 APPROVED

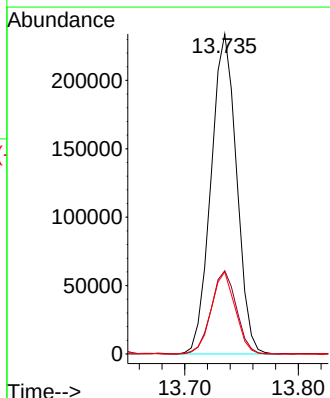
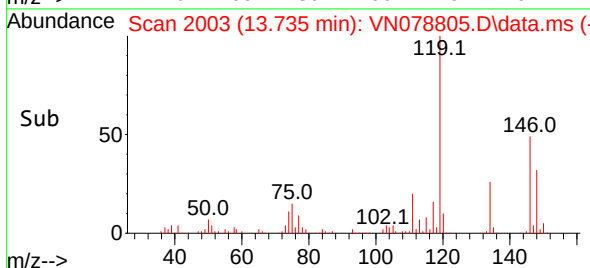
Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023

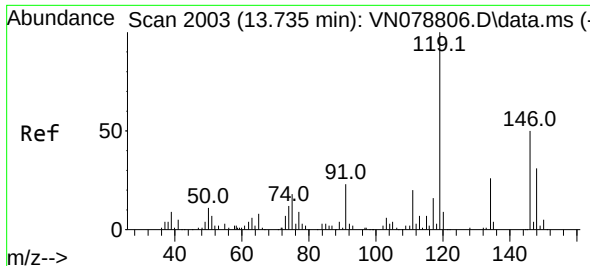


#82
 p-Isopropyltoluene
 Concen: 46.755 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078805.D
 Acq: 08 Aug 2023 18:15



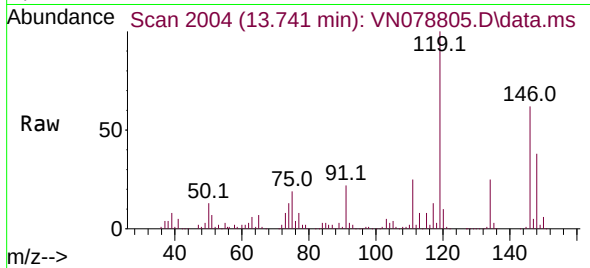
Tgt Ion:119 Resp: 366036
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 52.4
 91 24.1 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 47.228 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

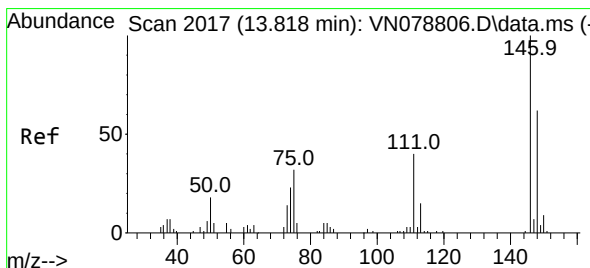
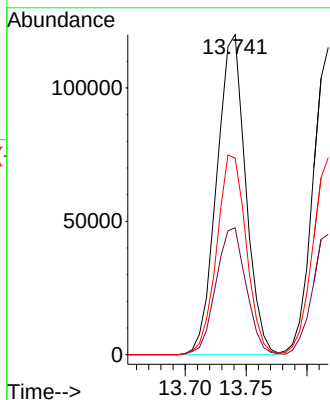
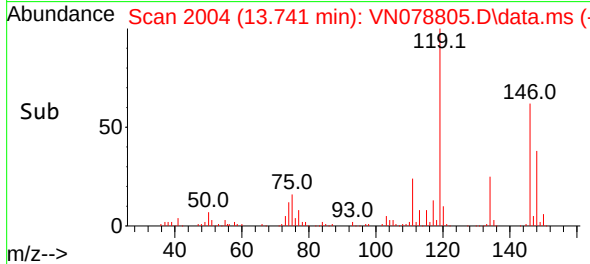
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



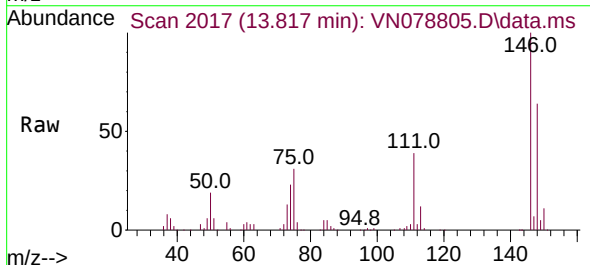
Tgt Ion:146 Resp: 198610
Ion Ratio Lower Upper
146 100
111 41.3 21.6 64.6
148 63.5 31.9 95.5

Manual Integrations
APPROVED

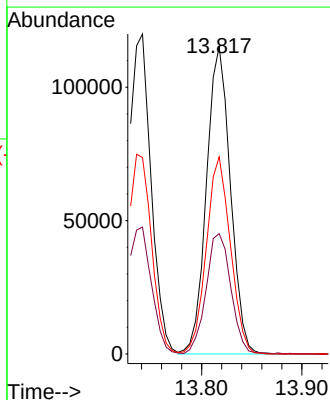
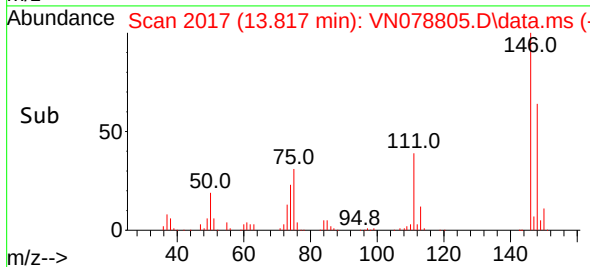
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

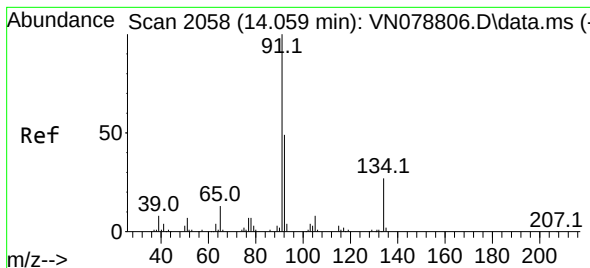


#84
1,4-Dichlorobenzene
Concen: 48.440 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15



Tgt Ion:146 Resp: 191108
Ion Ratio Lower Upper
146 100
111 40.5 19.4 58.2
148 64.5 31.4 94.3





#85

n-Butylbenzene

Concen: 50.916 ug/l

RT: 14.065 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VN078805.D

Acq: 08 Aug 2023 18:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

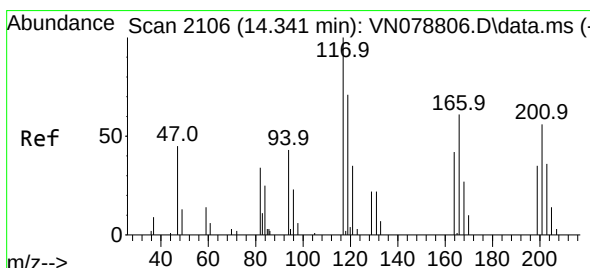
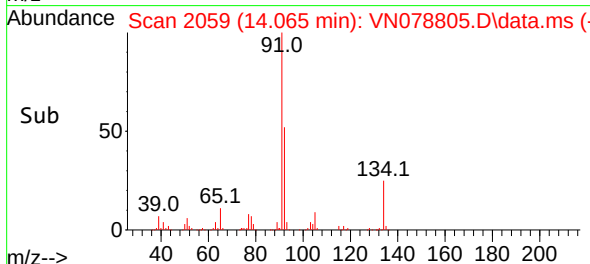
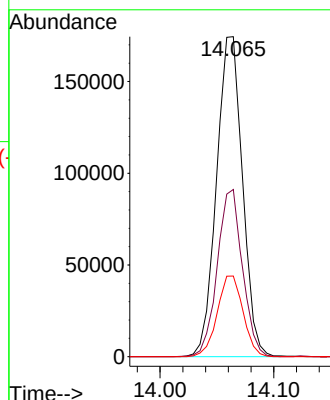
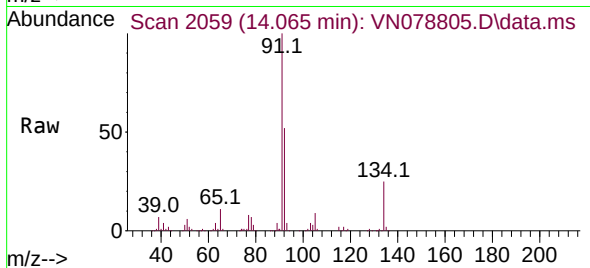
Tgt Ion:	91	Resp:	27758
Ion Ratio	Lower	Upper	
91	100		
92	50.7	0.0	99.6
134	25.0	0.0	50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#86

Hexachloroethane

Concen: 48.796 ug/l

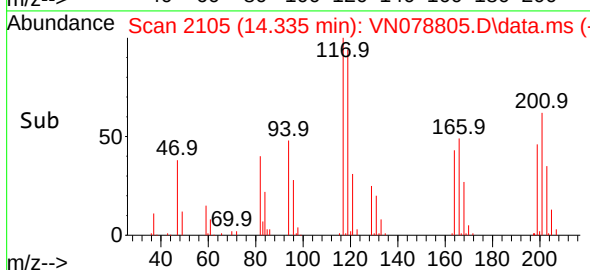
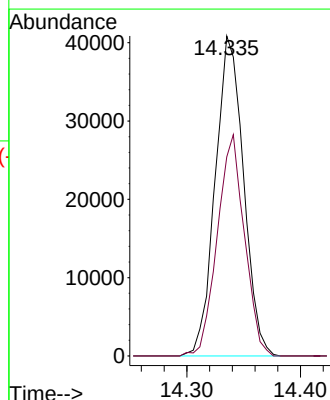
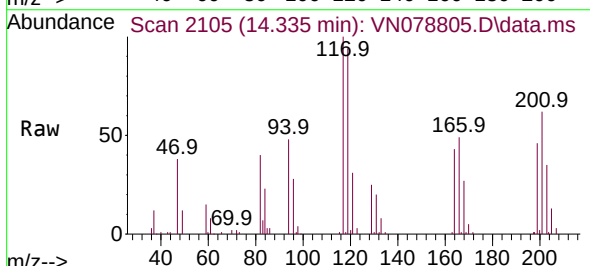
RT: 14.335 min Scan# 2105

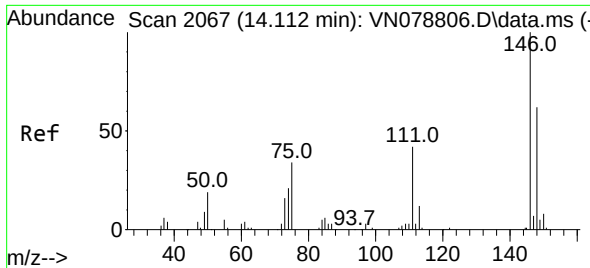
Delta R.T. -0.006 min

Lab File: VN078805.D

Acq: 08 Aug 2023 18:15

Tgt Ion:	117	Resp:	70696
Ion Ratio	Lower	Upper	
117	100		
201	66.3	34.2	102.6





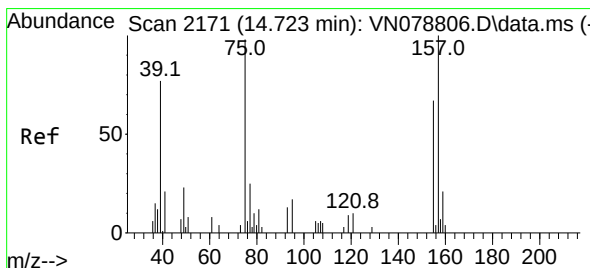
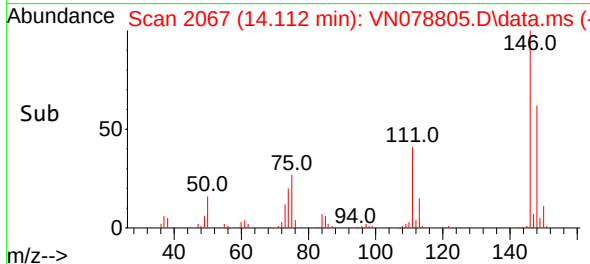
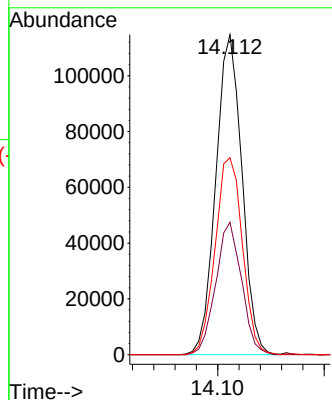
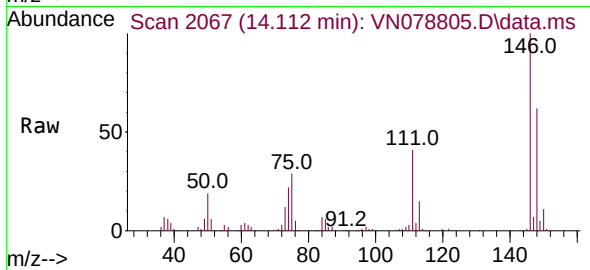
#87
1,2-Dichlorobenzene
Concen: 49.353 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:146 Resp: 195502
Ion Ratio Lower Upper
146 100
111 40.8 22.4 67.3
148 64.3 33.4 100.1

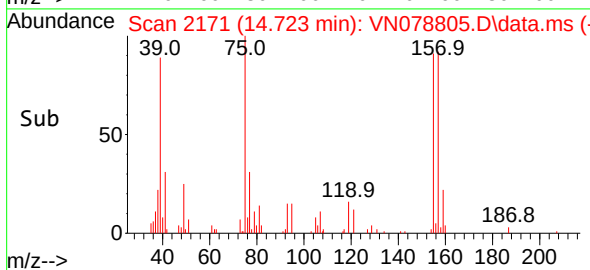
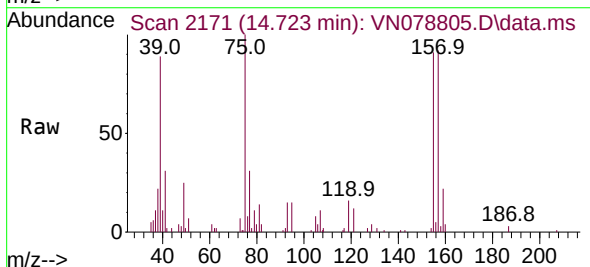
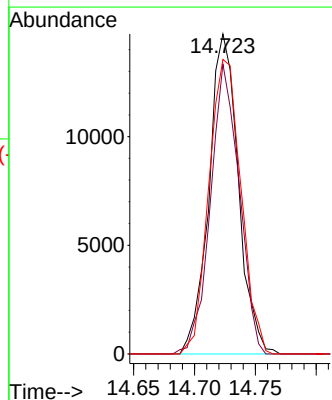
Manual Integrations
APPROVED

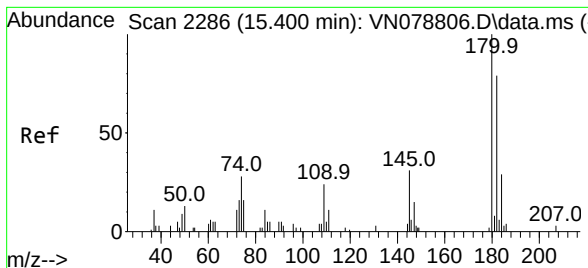
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 46.301 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

Tgt Ion: 75 Resp: 24739
Ion Ratio Lower Upper
75 100
155 88.4 68.2 102.2
157 100.3 84.7 127.1





#89

1,2,4-Trichlorobenzene

Concen: 53.874 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078805.D

Acq: 08 Aug 2023 18:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

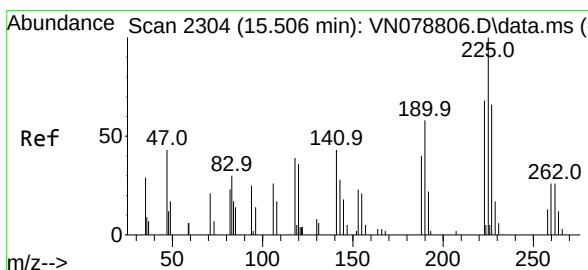
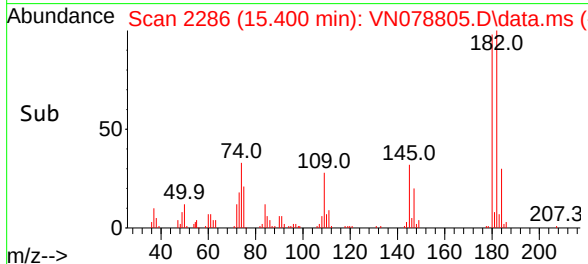
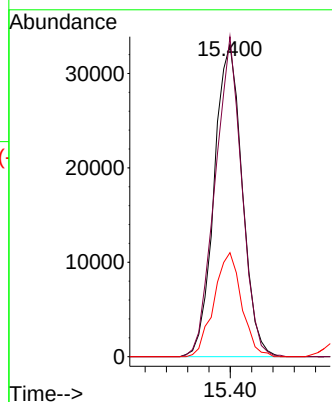
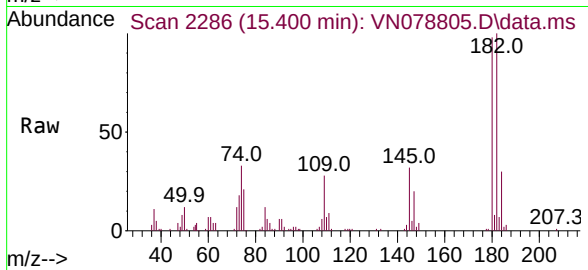
Tgt Ion:	180	Resp:	60359
Ion Ratio	Lower	Upper	
180	100		
182	97.7	73.7	110.5
145	32.8	25.0	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#90

Hexachlorobutadiene

Concen: 43.222 ug/l

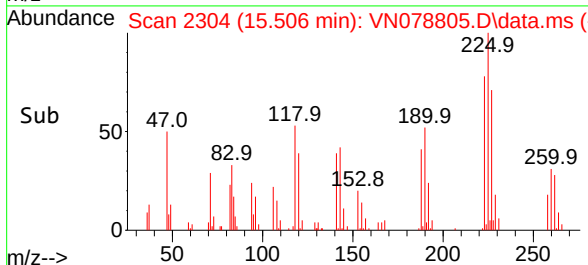
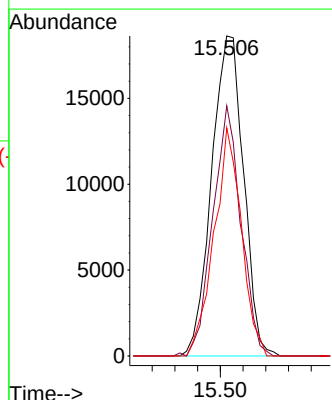
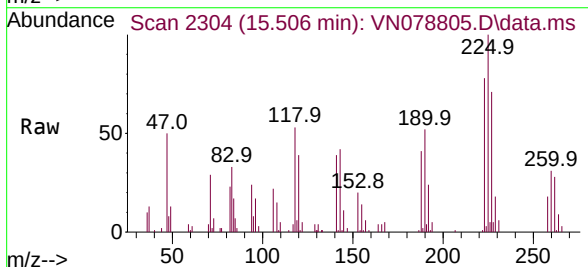
RT: 15.506 min Scan# 2304

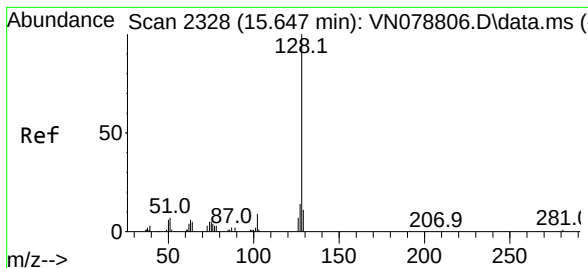
Delta R.T. -0.000 min

Lab File: VN078805.D

Acq: 08 Aug 2023 18:15

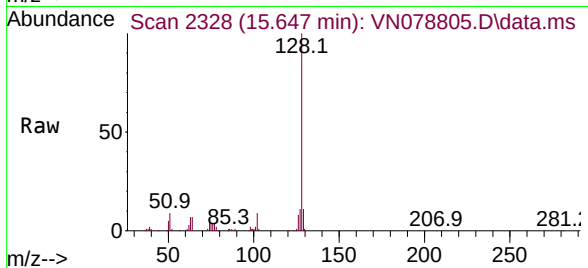
Tgt Ion:	225	Resp:	36421
Ion Ratio	Lower	Upper	
225	100		
223	68.8	0.0	130.0
227	61.1	0.0	124.0





#91
Naphthalene
Concen: 56.616 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15

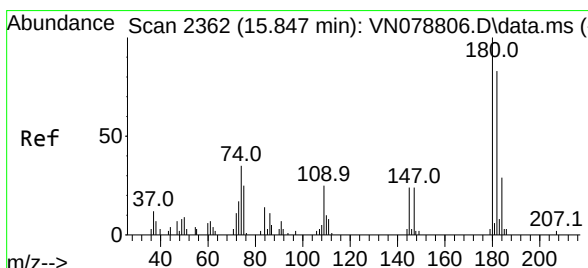
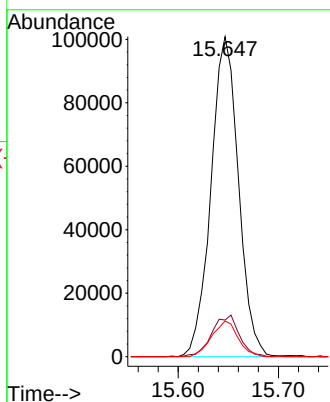
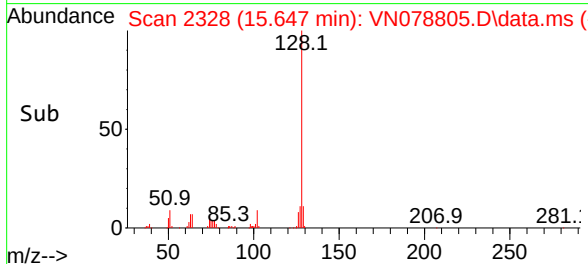
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



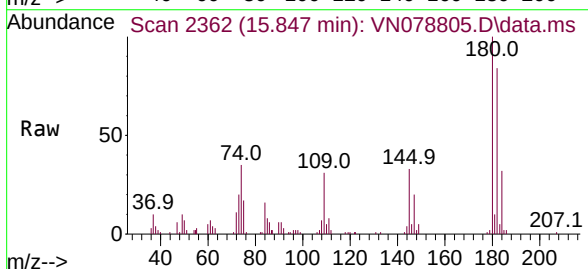
Tgt Ion:128 Resp: 192100
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.7 9.0 13.4

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 52.950 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078805.D
Acq: 08 Aug 2023 18:15



Tgt Ion:180 Resp: 67645
Ion Ratio Lower Upper
180 100
182 90.0 0.0 196.4
145 33.1 0.0 71.0

