

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080223\
 Data File : VN078741.D
 Acq On : 02 Aug 2023 20:51
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Quant Time: Aug 03 05:34:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:51:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 08/03/2023

Supervised By :Semsetun
 Yesilyurt
 08/03/2023

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

Internal Standards						
1) Bromochloromethane	7.824	128	96931	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	533379	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	464565	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	224004	30.830	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.767%			
60) 4-Bromofluorobenzene	12.853	95	197391	28.352	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.500%			
63) Toluene-d8	10.571	98	692470	30.174	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.567%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	95643	15.643	ug/l	99
3) Chloromethane	2.377	50	176562	23.460	ug/l	97
4) Vinyl Chloride	2.524	62	204751	20.019	ug/l	94
5) Bromomethane	2.966	94	106086	13.876	ug/l	98
6) Chloroethane	3.130	64	116792	17.533	ug/l	100
7) Trichlorofluoromethane	3.507	101	277833	26.481	ug/l	98
8) Diethyl Ether	3.971	74	108681	31.729	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	153749	27.301	ug/l	98
10) 1,1-Dichloroethene	4.354	96	156318	28.946	ug/l	96
11) Methyl Iodide	4.601	142	169620	22.346	ug/l	98
12) Methyl Acetate	5.036	43	160934	18.373	ug/l	99
13) Acrolein	4.189	56	129781	139.137	ug/l	96
14) Acrylonitrile	5.730	53	241192	94.035	ug/l	95
15) Acetone	4.448	58	109756	147.692	ug/l	89
16) Carbon Disulfide	4.724	76	444639	29.148	ug/l	97
17) Allyl chloride	5.030	41	123359	16.730	ug/l	97
18) Methylene Chloride	5.289	84	120778	18.642	ug/l #	94
19) trans-1,2-Dichloroethene	5.795	96	105968	16.972	ug/l	95
20) Diisopropyl ether	6.683	45	304823	18.361	ug/l	97
21) 1,1-Dichloroethane	6.583	63	207484	18.874	ug/l #	94
22) cis-1,2-Dichloroethene	7.501	96	130145	18.560	ug/l	93
23) tert-Butyl Alcohol	5.542	59	90481m	86.329	ug/l	
24) Methyl tert-Butyl Ether	5.812	73	327171	18.017	ug/l	97
25) Chloroform	7.971	83	224706	19.307	ug/l	96
26) Cyclohexane	8.265	56	133594	16.498	ug/l #	98
29) 1,1-Dichloropropene	8.383	75	152315	19.407	ug/l	99
30) 2-Butanone	7.501	43	305885	98.593	ug/l	98
31) 2,2-Dichloropropane	7.501	77	150457	16.707	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	193063	19.443	ug/l	98
33) Carbon Tetrachloride	8.371	117	169329	19.200	ug/l	97
34) Benzene	8.612	78	468874	19.888	ug/l	98
35) Methacrylonitrile	7.789	41	67344	19.767	ug/l	90
36) 1,2-Dichloroethane	8.677	62	164714	19.894	ug/l	97
37) Trichloroethene	9.359	130	118212	17.868	ug/l	95
38) Methylcyclohexane	9.606	83	125188	15.525	ug/l	99
39) 1,2-Dichloropropane	9.630	63	120373	19.046	ug/l	94
40) Dibromomethane	9.712	93	87395	19.979	ug/l	97
41) Bromodichloromethane	9.895	83	176707	20.206	ug/l	95
42) Vinyl Acetate	6.618	43	950827	95.326	ug/l	100

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 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 08/03/2023

Supervised By :Semsettin
 Yesilyurt
 08/03/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	119127	18.573	ug/l	94
44) Isopropyl Acetate	8.700	43	233117	20.715	ug/l	98
45) 1,4-Dioxane	9.700	88	37012	357.547	ug/l	97
46) Methyl methacrylate	9.689	41	103037	19.994	ug/l	94
47) n-amyl Acetate	12.500	43	163363	18.849	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	169257	18.134	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	187320	18.896	ug/l	96
50) 1,1,2-Trichloroethane	11.024	97	120943	19.532	ug/l	95
51) Ethyl methacrylate	10.883	69	161861	19.093	ug/l	93
52) 1,3-Dichloropropane	11.171	76	195652	17.580	ug/l	99
53) Dibromochloromethane	11.365	129	135433	19.361	ug/l	99
54) 1,2-Dibromoethane	11.477	107	119470	19.215	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	274688	101.687	ug/l	99
56) Bromoform	12.583	173	87584	19.136	ug/l	99
58) 4-Methyl-2-Pentanone	10.453	43	652347	93.815	ug/l	99
59) 2-Hexanone	11.200	43	456891	86.779	ug/l	97
61) Tetrachloroethene	11.112	164	103441	16.933	ug/l	91
62) Toluene	10.636	91	558971	20.003	ug/l	99
64) Chlorobenzene	11.894	112	303465	18.601	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.965	131	126146	19.605	ug/l	99
66) Ethyl Benzene	11.971	91	517354	18.370	ug/l	97
67) m/p-Xylenes	12.077	106	392886	36.521	ug/l	98
68) o-Xylene	12.406	106	194404	17.760	ug/l	99
69) Styrene	12.418	104	305239	17.331	ug/l	99
70) Isopropylbenzene	12.700	105	467969	17.281	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	165467	18.811	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	146508m	19.854	ug/l	
73) Bromobenzene	12.988	156	118416	17.841	ug/l	97
74) n-propylbenzene	13.041	91	495437	16.507	ug/l	97
75) 2-Chlorotoluene	13.130	91	328580	15.852	ug/l	98
76) 1,3,5-Trimethylbenzene	13.177	105	391720	16.202	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	39780	15.425	ug/l	98
78) 4-Chlorotoluene	13.230	91	306549	15.317	ug/l	99
79) tert-butylbenzene	13.441	119	324769	15.607	ug/l	98
80) 1,2,4-Trimethylbenzene	13.488	105	372785	16.144	ug/l	100
81) sec-Butylbenzene	13.618	105	393454	14.751	ug/l	97
82) p-Isopropyltoluene	13.735	119	333316	15.221	ug/l	100
83) 1,3-Dichlorobenzene	13.741	146	183109	15.557	ug/l	99
84) 1,4-Dichlorobenzene	13.818	146	178962	16.241	ug/l	99
85) n-Butylbenzene	14.059	91	221575	14.592	ug/l	99
86) Hexachloroethane	14.335	117	62379	15.635	ug/l	95
87) 1,2-Dichlorobenzene	14.112	146	186342	16.916	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.724	75	25894	17.334	ug/l	98
89) 1,2,4-Trichlorobenzene	15.400	180	44726	14.231	ug/l	96
90) Hexachlorobutadiene	15.506	225	37573	15.692	ug/l	95
91) Naphthalene	15.647	128	130055	13.659	ug/l	97
92) 1,2,3-Trichlorobenzene	15.847	180	57519	16.081	ug/l	95

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

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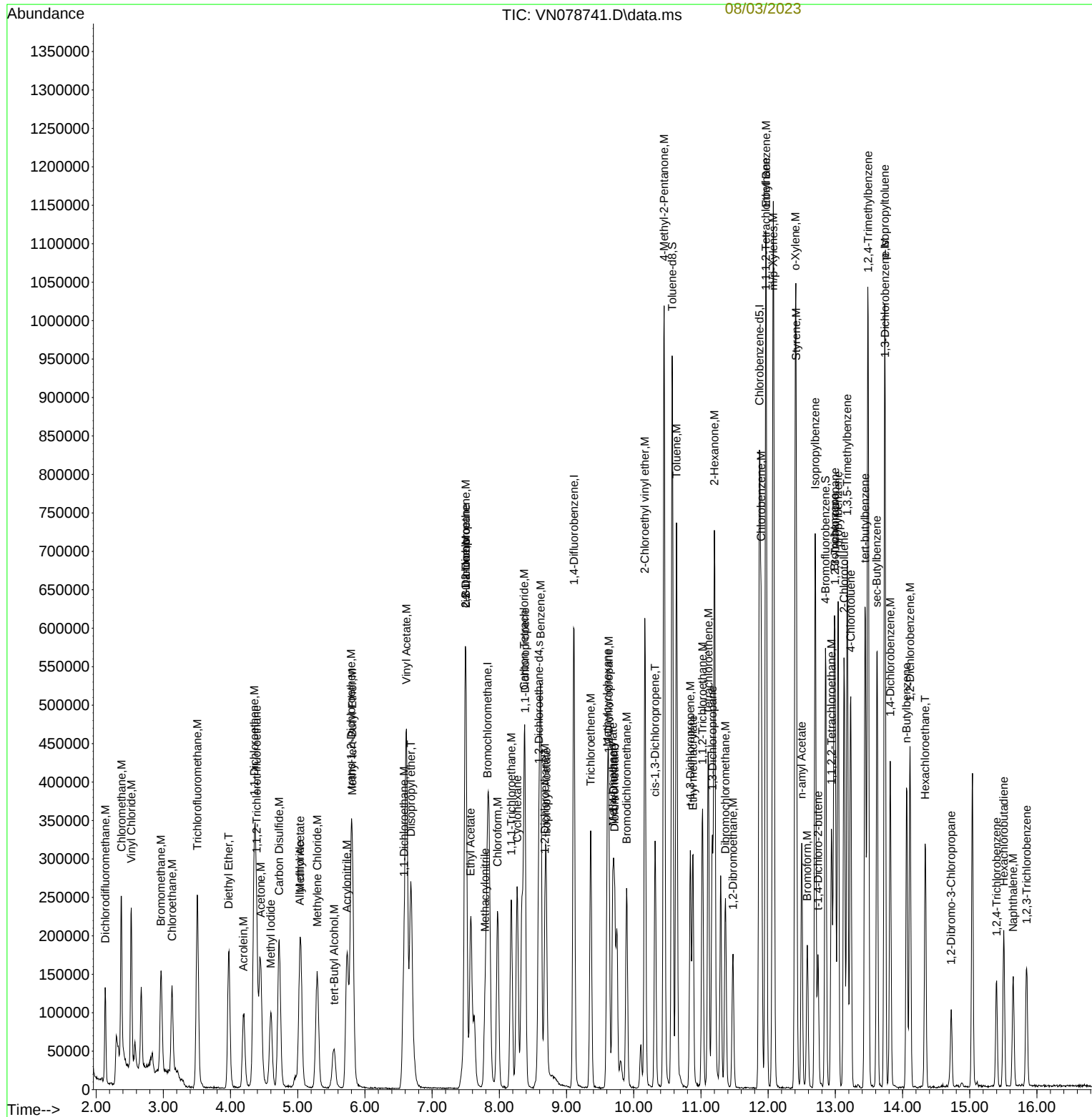
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

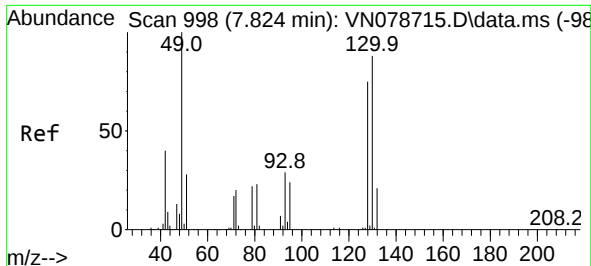
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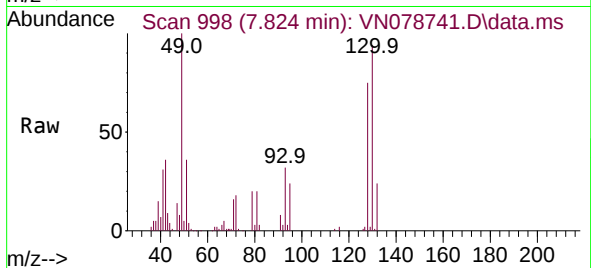
Supervised By :Semsetin
 Yesilyurt
 08/03/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

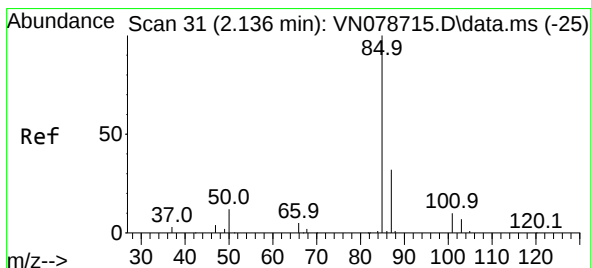
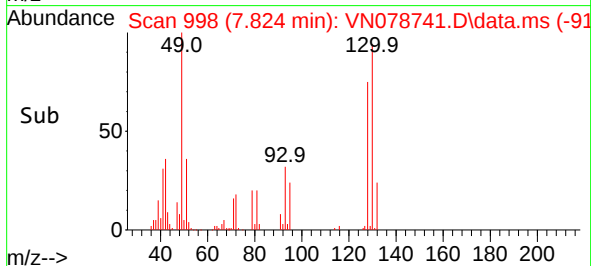
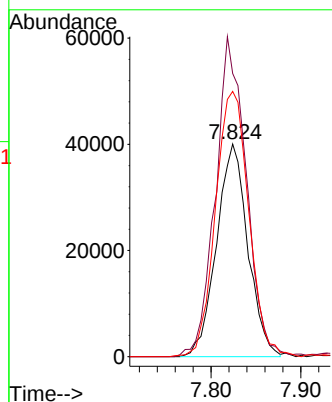


Tgt Ion:128 Resp: 9693
Ion Ratio Lower Upper
128 100
49 147.9 0.0 370.8
130 132.8 0.0 307.0

Manual Integrations
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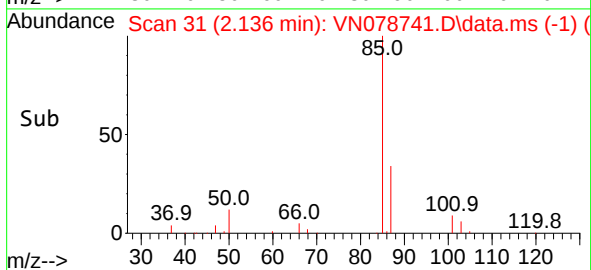
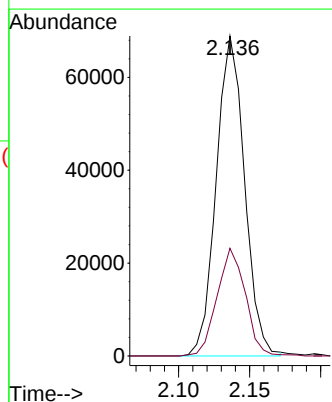
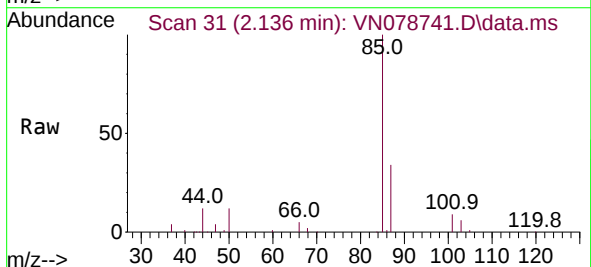
Reviewed By :John
Carlone
08/03/2023

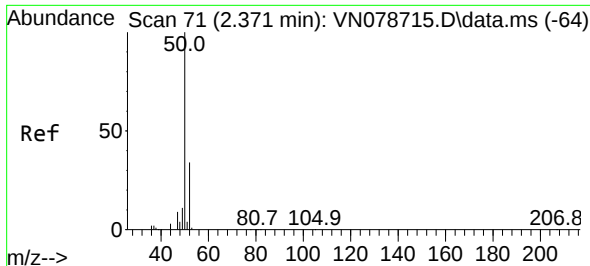
Supervised By :Semsetin
Yesilyurt
08/03/2023



#2
Dichlorodifluoromethane
Concen: 15.643 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

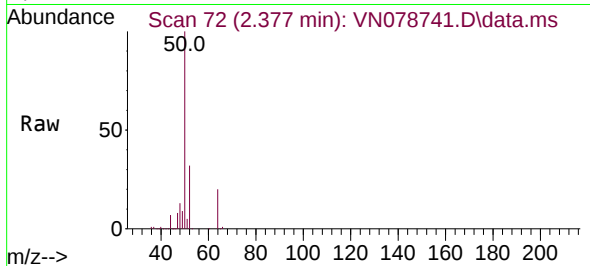
Tgt Ion: 85 Resp: 95643
Ion Ratio Lower Upper
85 100
87 33.6 16.4 49.4





#3
Chloromethane
Concen: 23.460 ug/l
RT: 2.377 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

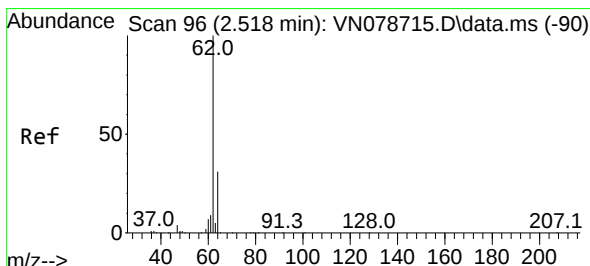
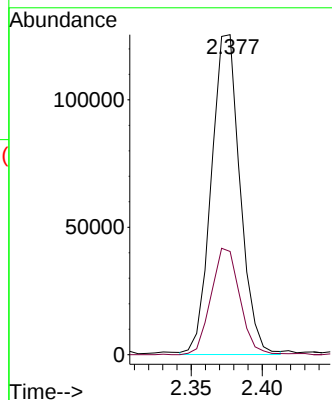
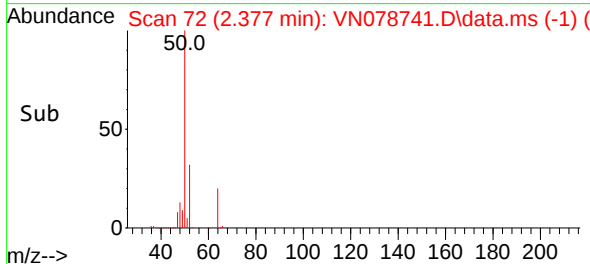


Tgt Ion: 50 Resp: 176562
Ion Ratio Lower Upper
50 100
52 32.5 24.6 36.8

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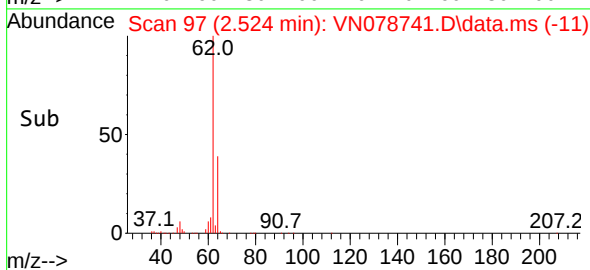
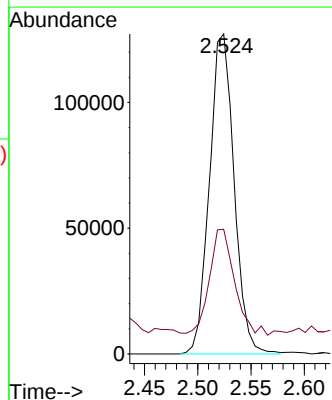
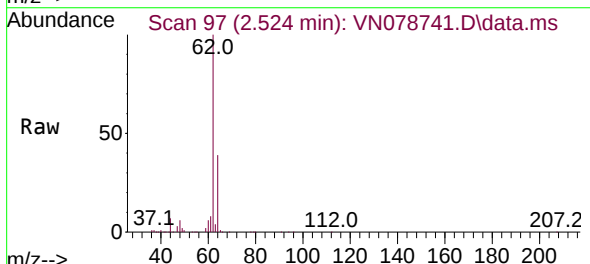
Reviewed By :John
Carlone
08/03/2023

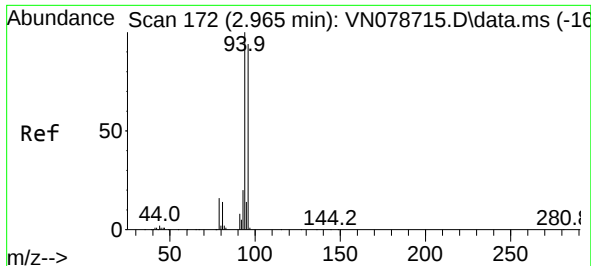
Supervised By :Semsettin
Yesilyurt
08/03/2023



#4
Vinyl Chloride
Concen: 20.019 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

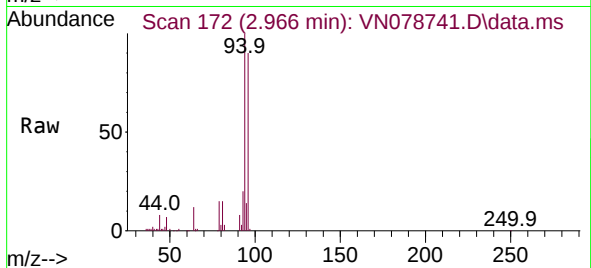
Tgt Ion: 62 Resp: 204751
Ion Ratio Lower Upper
62 100
64 32.4 23.3 34.9





#5
Bromomethane
Concen: 13.876 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

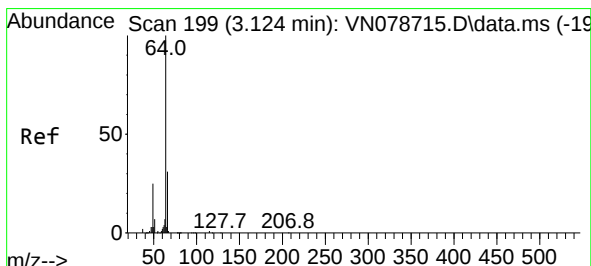
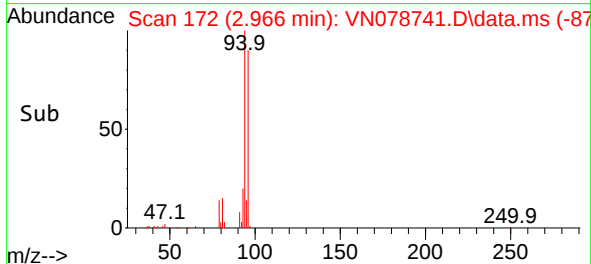
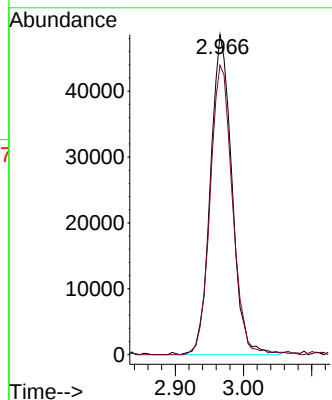


Tgt Ion: 94 Resp: 106080
Ion Ratio Lower Upper
94 100
96 90.4 73.9 110.9

Manual Integrations
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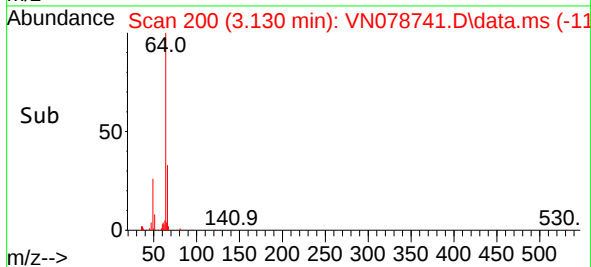
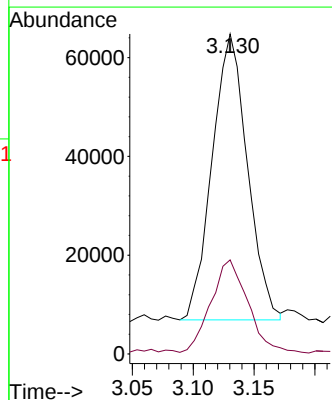
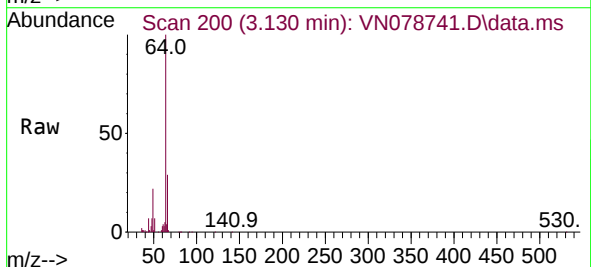
Reviewed By :John
Carlone
08/03/2023

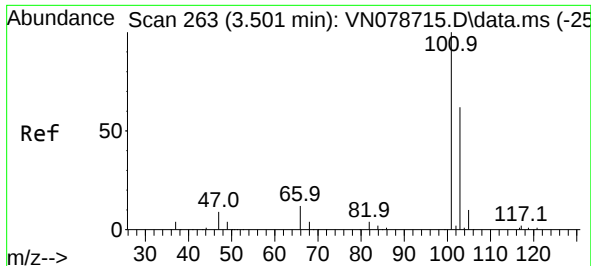
Supervised By :Semsettin
Yesilyurt
08/03/2023



#6
Chloroethane
Concen: 17.533 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

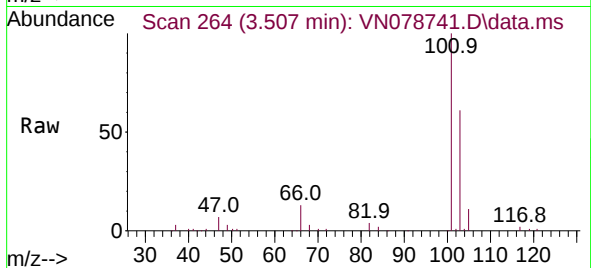
Tgt Ion: 64 Resp: 116792
Ion Ratio Lower Upper
64 100
66 32.3 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 26.481 ug/l
 RT: 3.507 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN078741.D
 Acq: 02 Aug 2023 20:51

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 VSTDCCC020EC

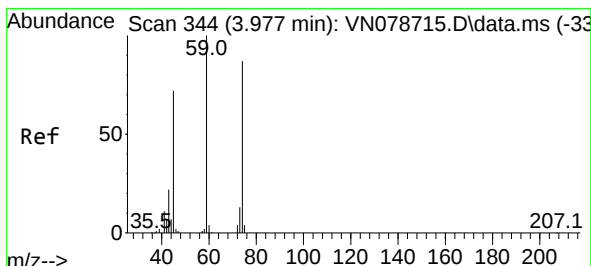
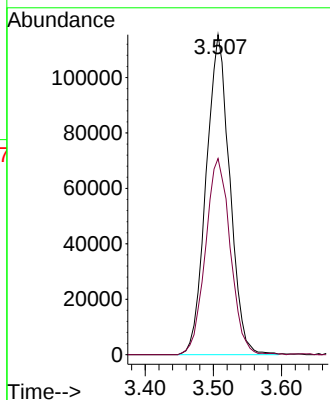
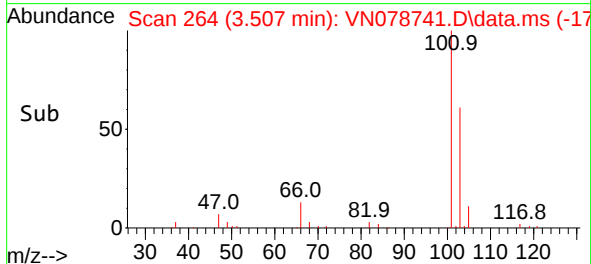


Tgt Ion:101 Resp: 27783
 Ion Ratio Lower Upper
 101 100
 103 61.3 50.4 75.6

Manual Integrations
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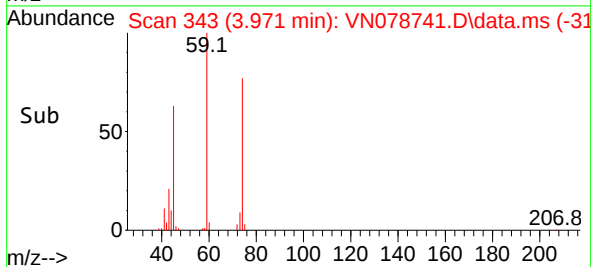
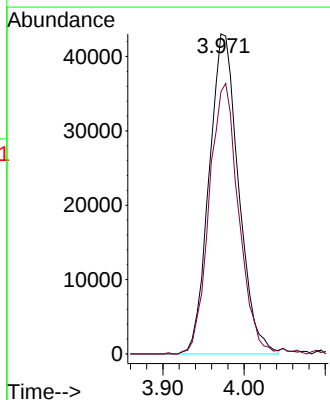
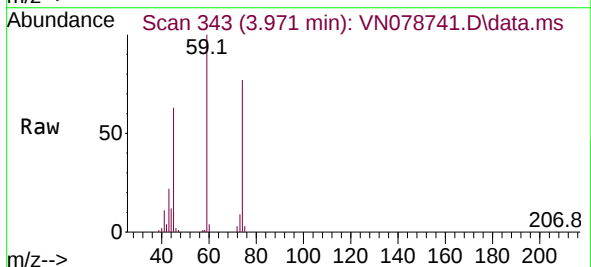
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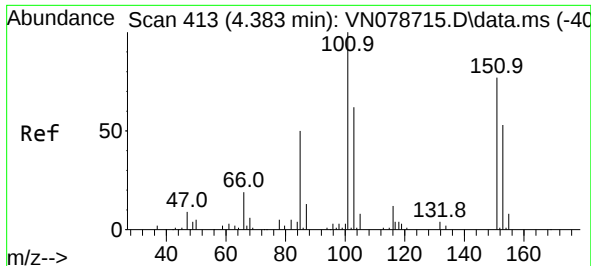
Supervised By :Semsetin
 Yesilyurt
 08/03/2023



#8
 Diethyl Ether
 Concen: 31.729 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. -0.006 min
 Lab File: VN078741.D
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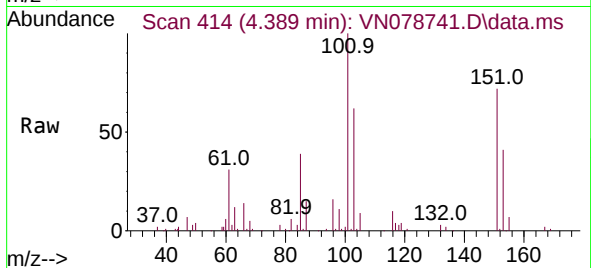
Tgt Ion: 74 Resp: 108681
 Ion Ratio Lower Upper
 74 100
 45 84.1 16.3 146.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 27.301 ug/l
RT: 4.389 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN078741.D
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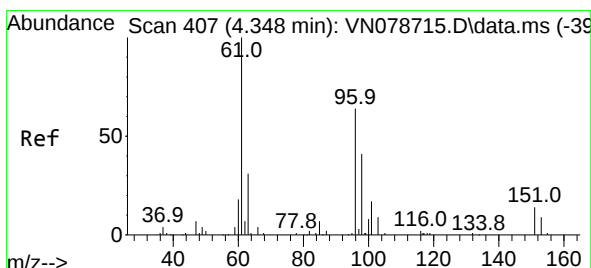
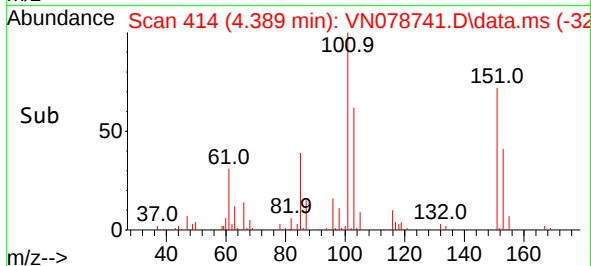
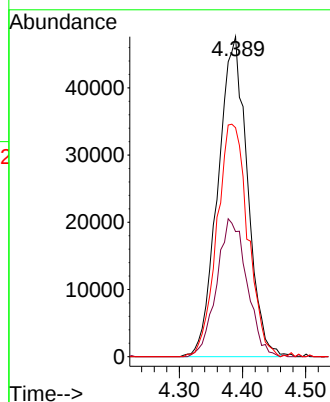


Tgt Ion: 101 Resp: 153749
Ion Ratio Lower Upper
101 100
85 44.2 0.0 89.2
151 76.5 0.0 148.8

Manual Integrations
APPROVED

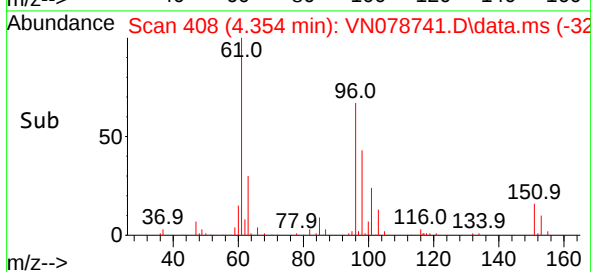
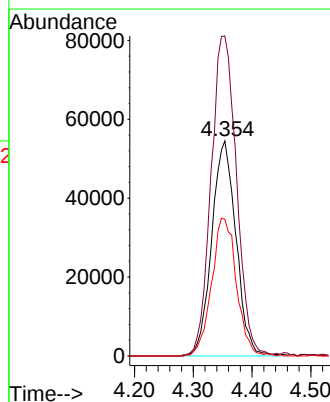
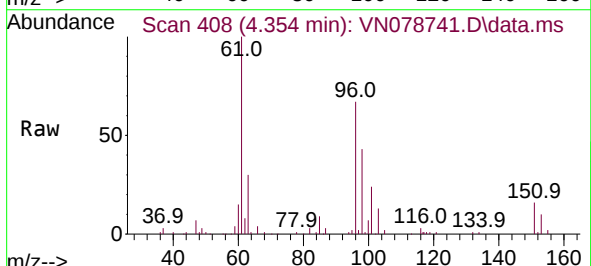
Reviewed By : John
Carlone
08/03/2023

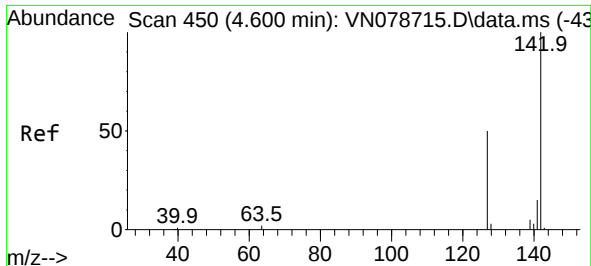
Supervised By : Semsettin
Yesilyurt
08/03/2023



#10
1,1-Dichloroethene
Concen: 28.946 ug/l
RT: 4.354 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

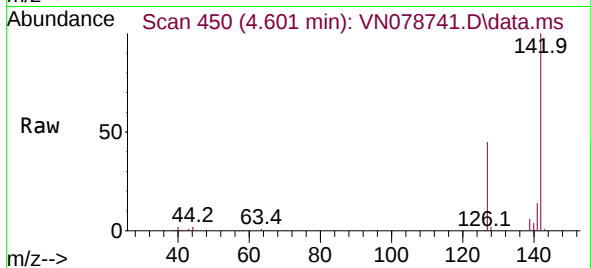
Tgt Ion: 96 Resp: 156318
Ion Ratio Lower Upper
96 100
61 148.8 123.4 185.2
98 63.6 53.7 80.5





#11
Methyl Iodide
Concen: 22.346 ug/l
RT: 4.601 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

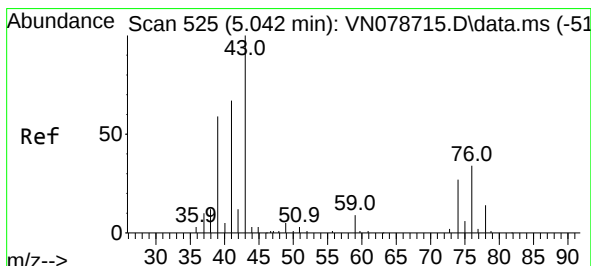
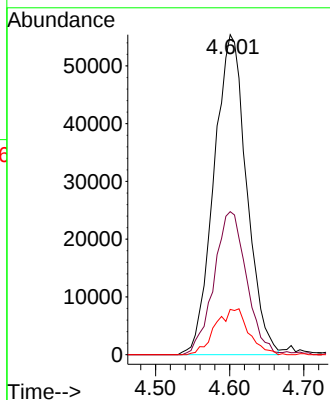
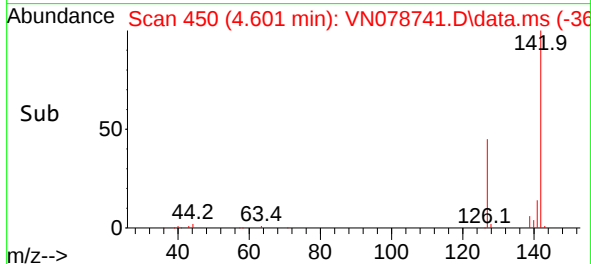


Tgt Ion:142 Resp: 169620
Ion Ratio Lower Upper
142 100
127 44.7 23.2 69.5
141 14.2 7.2 21.7

Manual Integrations
APPROVED

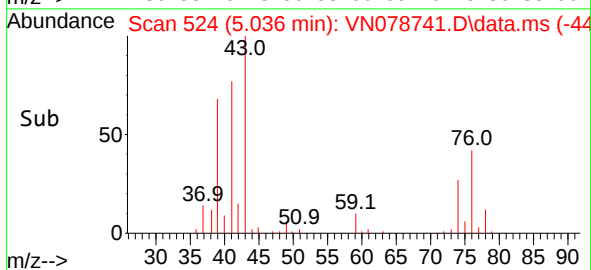
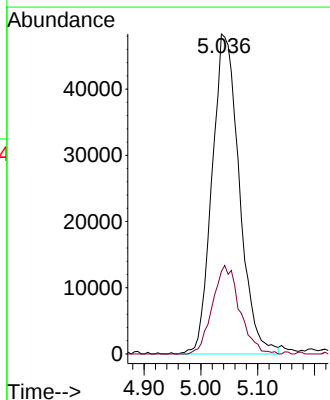
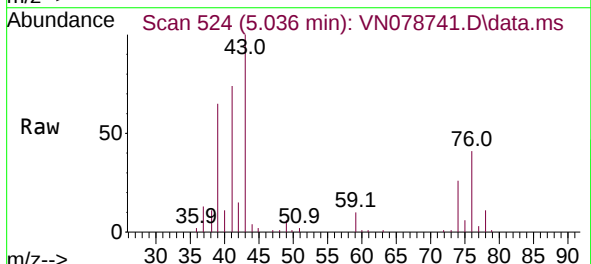
Reviewed By :John
Carlone
08/03/2023

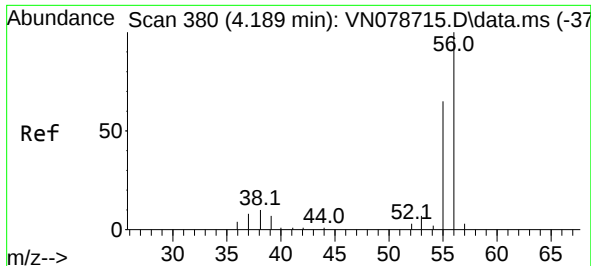
Supervised By :Semsettin
Yesilyurt
08/03/2023



#12
Methyl Acetate
Concen: 18.373 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

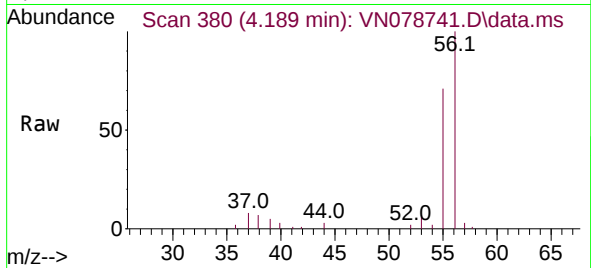
Tgt Ion: 43 Resp: 160934
Ion Ratio Lower Upper
43 100
74 26.1 20.5 30.7





#13
Acrolein
Concen: 139.137 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

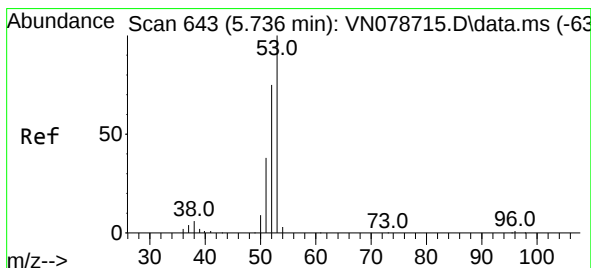
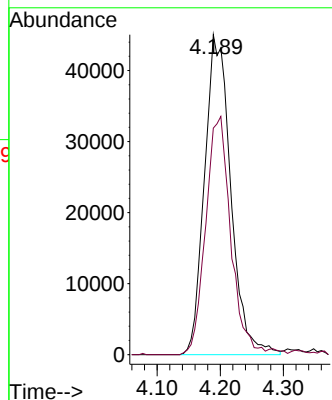


Tgt Ion: 56 Resp: 12978
Ion Ratio Lower Upper
56 100
55 70.6 59.0 88.4

Manual Integrations
APPROVED

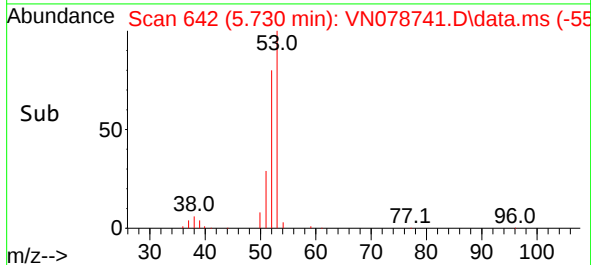
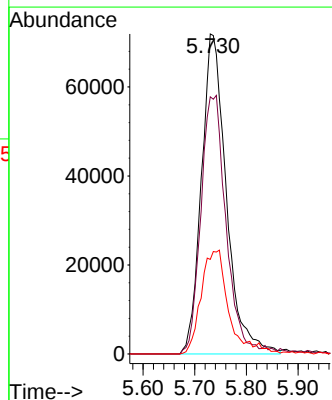
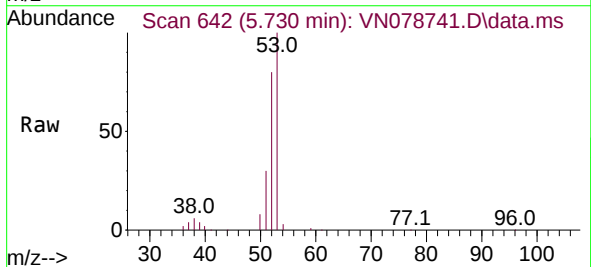
Reviewed By :John
Carlone
08/03/2023

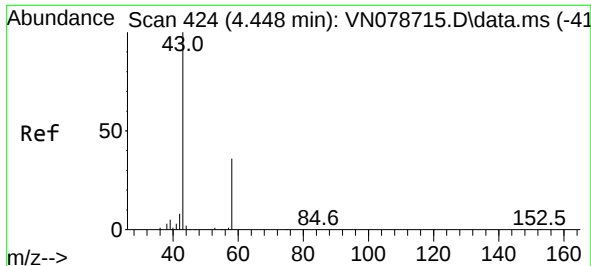
Supervised By :Semsettin
Yesilyurt
08/03/2023



#14
Acrylonitrile
Concen: 94.035 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.006 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

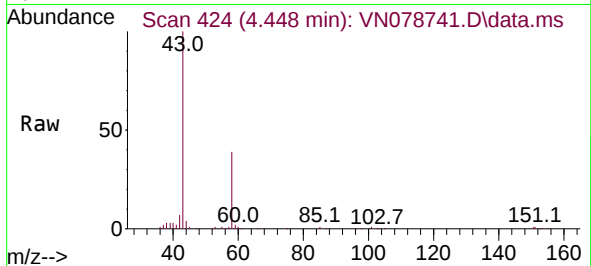
Tgt Ion: 53 Resp: 241192
Ion Ratio Lower Upper
53 100
52 80.9 42.3 126.9
51 33.3 18.4 55.4





#15
Acetone
Concen: 147.692 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

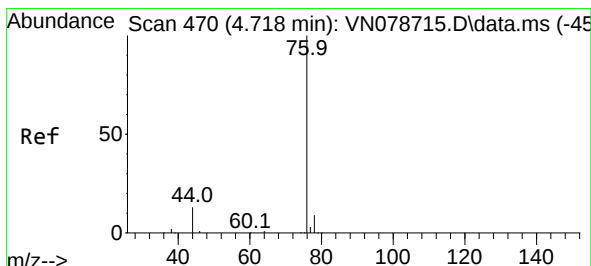
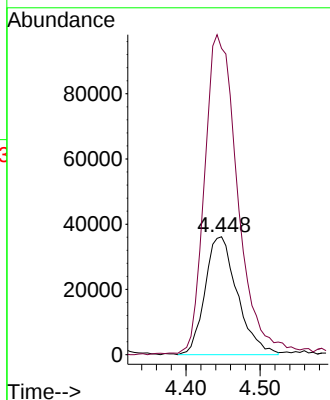
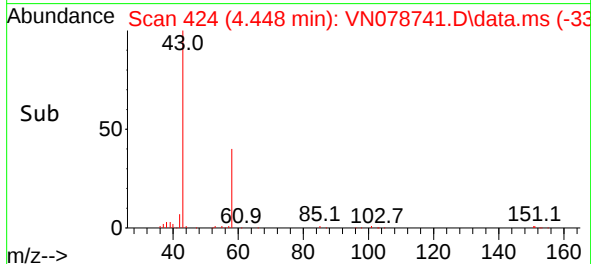


Tgt Ion: 58 Resp: 109750
Ion Ratio Lower Upper
58 100
43 263.2 227.5 341.3

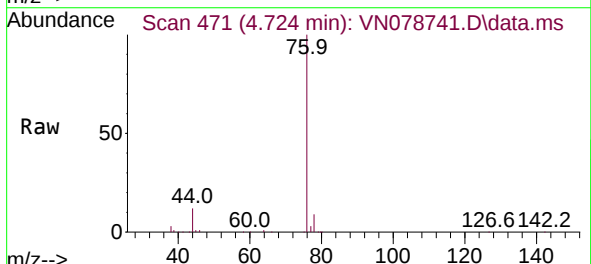
Manual Integrations
APPROVED

Reviewed By :John
Carlone
08/03/2023

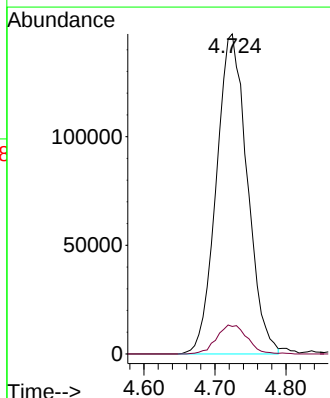
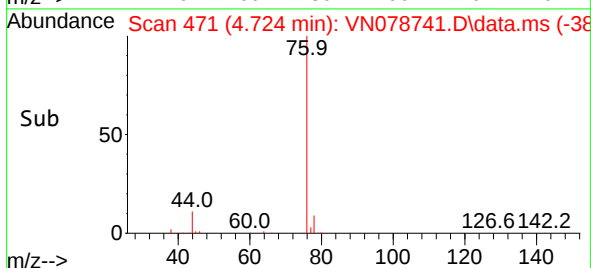
Supervised By :Semsettin
Yesilyurt
08/03/2023

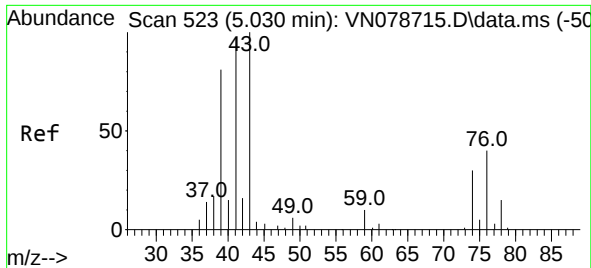


#16
Carbon Disulfide
Concen: 29.148 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51



Tgt Ion: 76 Resp: 444639
Ion Ratio Lower Upper
76 100
78 8.6 7.7 11.5





#17

Allyl chloride

Concen: 16.730 ug/l

RT: 5.030 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN078741.D

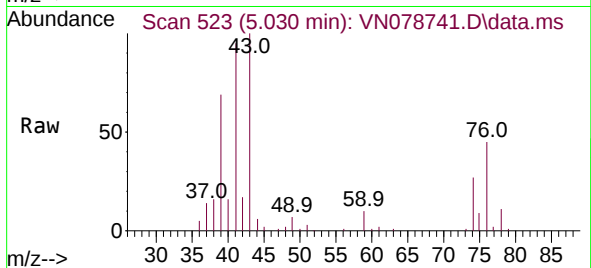
Acq: 02 Aug 2023 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion:	41	Resp:	12335
Ion	Ratio	Lower	Upper
41	100		
39	71.6	37.6	112.8
76	46.5	23.8	71.4

Manual Integrations

APPROVED

Reviewed By :John

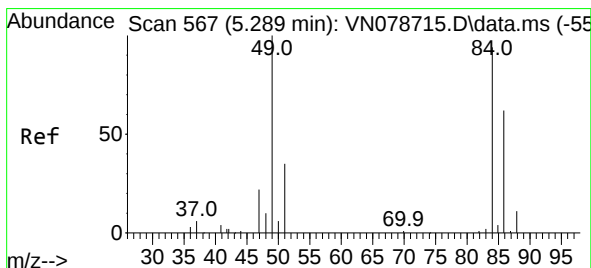
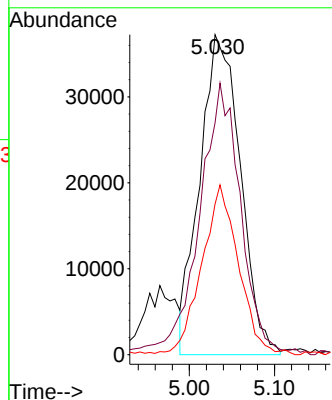
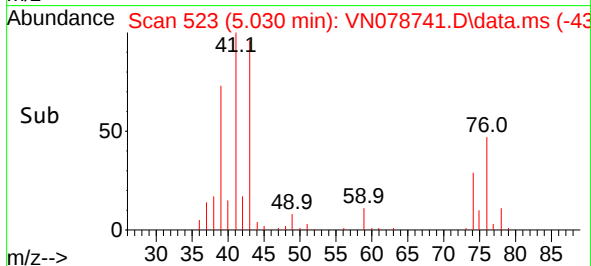
Carlone

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Supervised By :Semsettin

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#18

Methylene Chloride

Concen: 18.642 ug/l

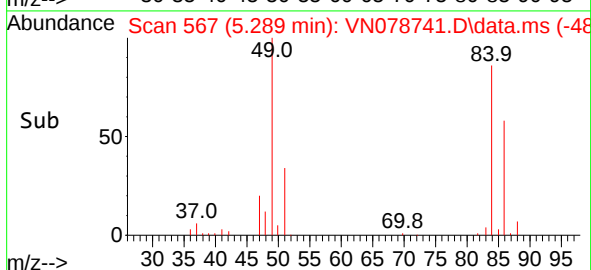
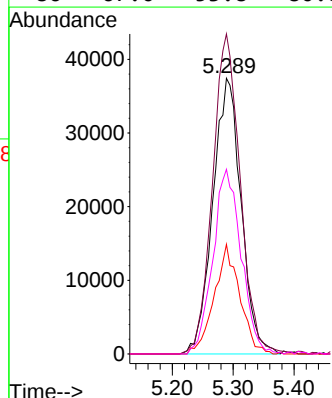
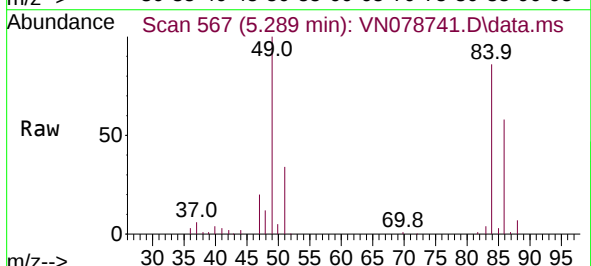
RT: 5.289 min Scan# 567

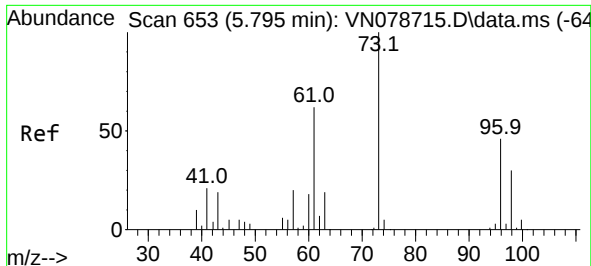
Delta R.T. 0.000 min

Lab File: VN078741.D

Acq: 02 Aug 2023 20:51

Tgt Ion:	84	Resp:	120778
Ion	Ratio	Lower	Upper
84	100		
49	116.1	88.1	132.1
51	39.8	24.0	36.0
86	67.0	53.8	80.8





#19

trans-1,2-Dichloroethene

Concen: 16.972 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN078741.D

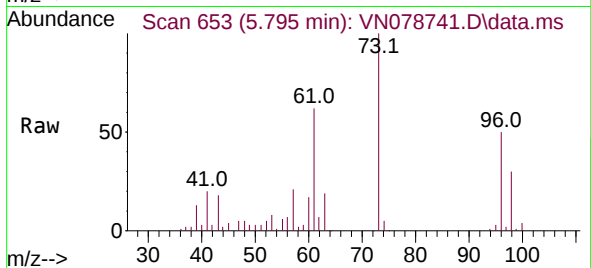
Acq: 02 Aug 2023 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 96 Resp: 10596

Ion Ratio Lower Upper

96 100

61 124.1 105.2 157.8

98 60.6 50.5 75.7

Manual Integrations

APPROVED

Reviewed By :John

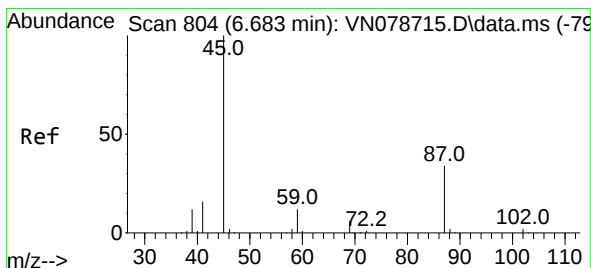
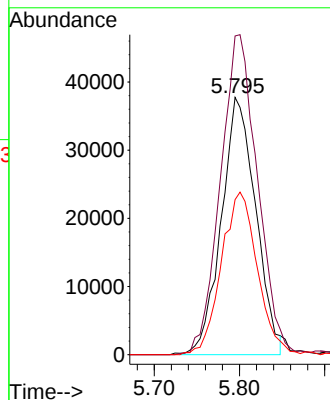
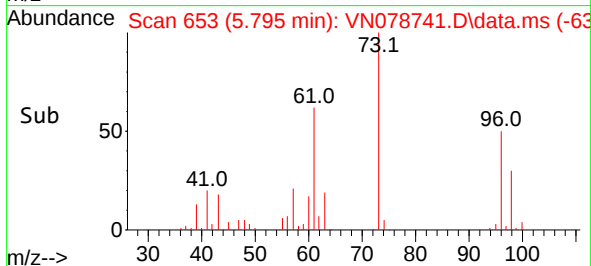
Carlone

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Supervised By :Semsettin

Yesilyurt

08/03/2023



#20

Diisopropyl ether

Concen: 18.361 ug/l

RT: 6.683 min Scan# 804

Delta R.T. 0.000 min

Lab File: VN078741.D

Acq: 02 Aug 2023 20:51

Tgt Ion: 45 Resp: 304823

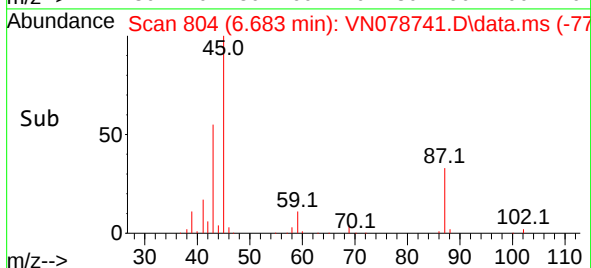
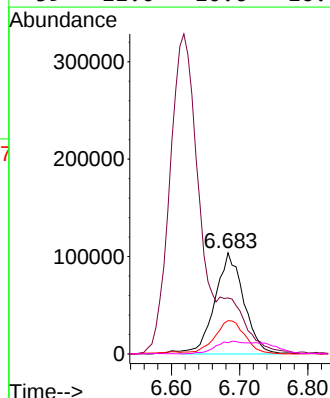
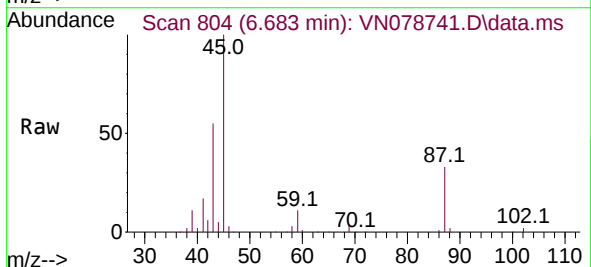
Ion Ratio Lower Upper

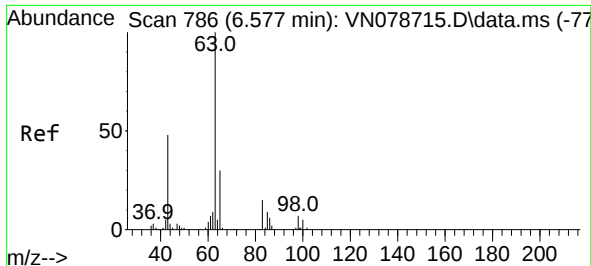
45 100

43 52.2 43.6 65.4

87 32.8 25.8 38.6

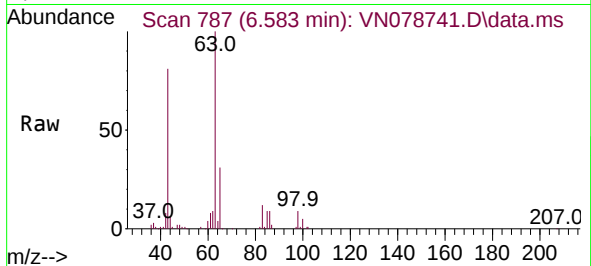
59 11.0 10.6 16.0





#21
1,1-Dichloroethane
Concen: 18.874 ug/l
RT: 6.583 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

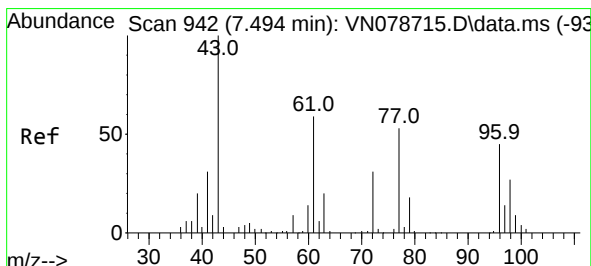
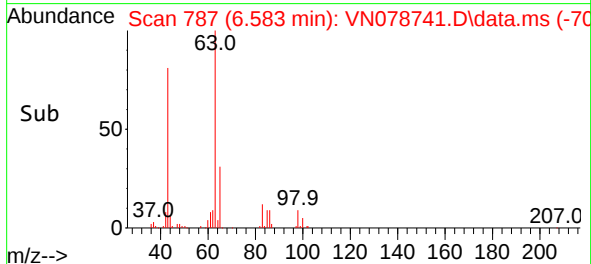
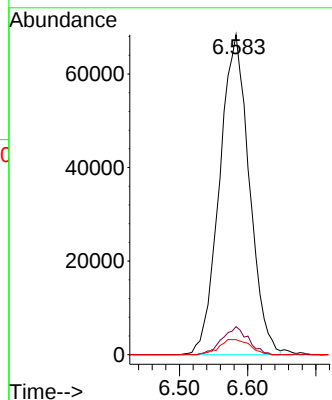


Tgt Ion: 63 Resp: 207484
Ion Ratio Lower Upper
63 100
98 8.7 2.7 8.1
100 4.7 2.5 7.4

Manual Integrations
APPROVED

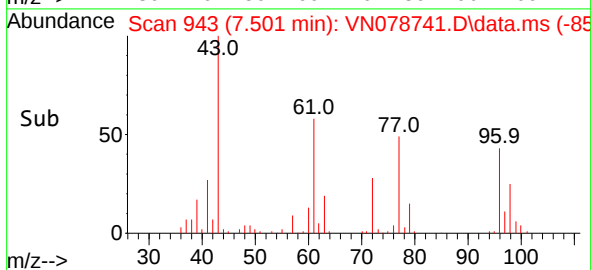
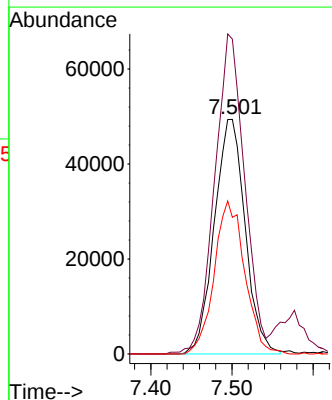
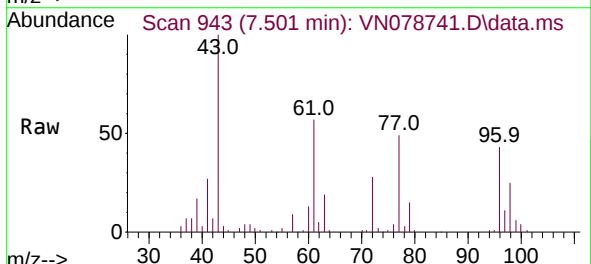
Reviewed By :John
Carlone
08/03/2023

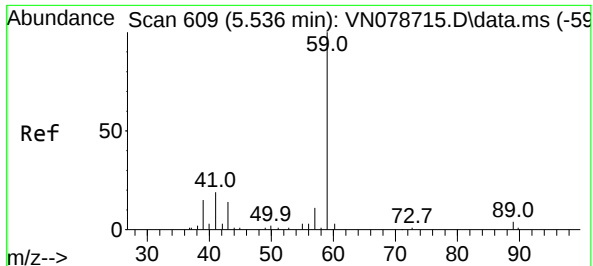
Supervised By :Semsettin
Yesilyurt
08/03/2023



#22
cis-1,2-Dichloroethene
Concen: 18.560 ug/l
RT: 7.501 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Tgt Ion: 96 Resp: 130145
Ion Ratio Lower Upper
96 100
61 130.7 113.8 170.6
98 64.7 52.2 78.4





#23

tert-Butyl Alcohol

Concen: 86.329 ug/l

RT: 5.542 min Scan# 610

Delta R.T. 0.006 min

Lab File: VN078741.D

Acq: 02 Aug 2023 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 59 Resp: 9048

Ion Ratio Lower Upper

59 100

52 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John

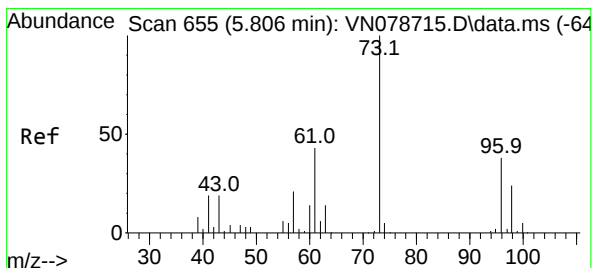
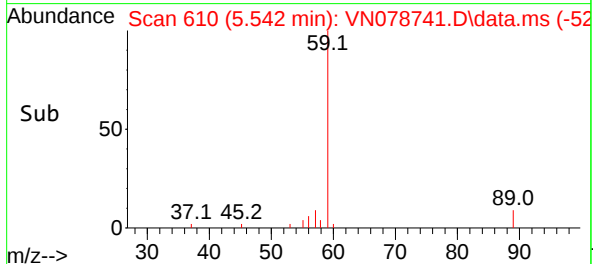
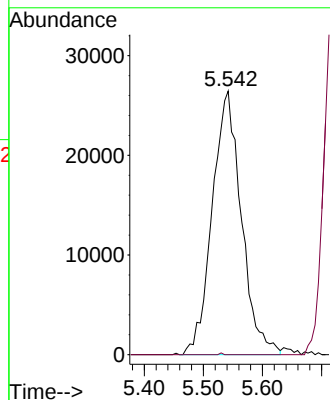
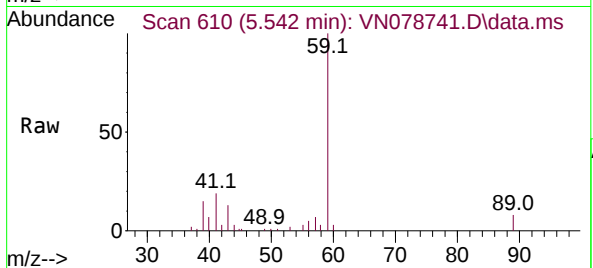
Carlone

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Supervised By :Semsetin

Yesilyurt

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#24

Methyl tert-Butyl Ether

Concen: 18.017 ug/l

RT: 5.812 min Scan# 656

Delta R.T. 0.006 min

Lab File: VN078741.D

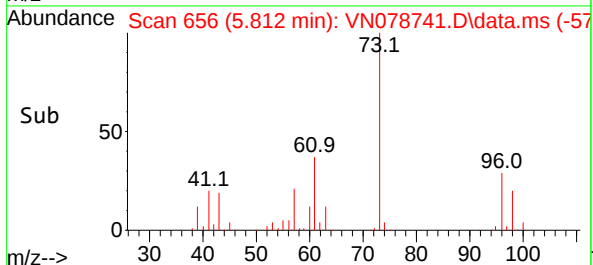
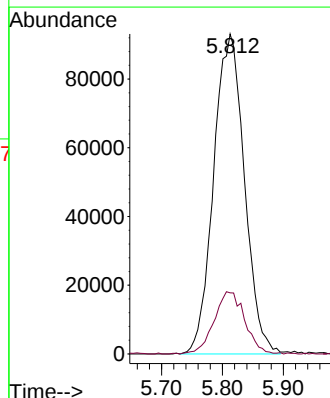
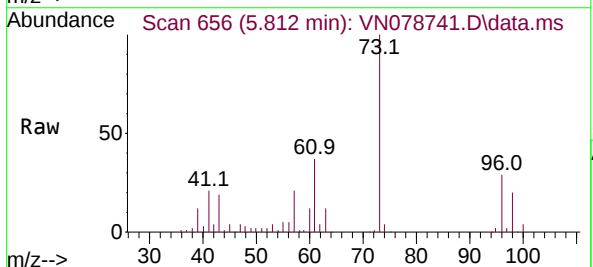
Acq: 02 Aug 2023 20:51

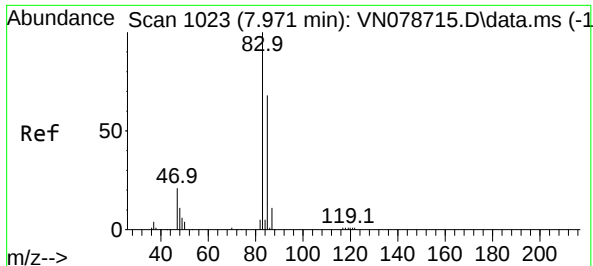
Tgt Ion: 73 Resp: 327171

Ion Ratio Lower Upper

73 100

43 19.3 14.5 21.7





#25

Chloroform

Concen: 19.307 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078741.D

Acq: 02 Aug 2023 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 224700

Ion Ratio Lower Upper

83 100

85 63.4 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :John

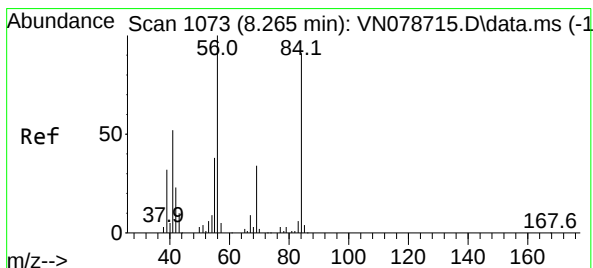
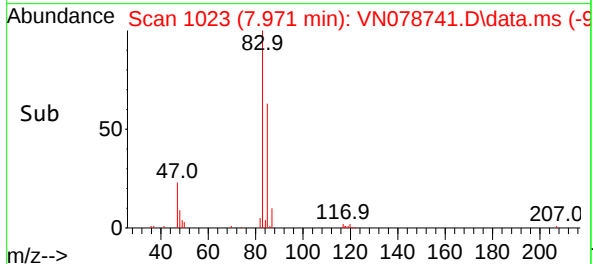
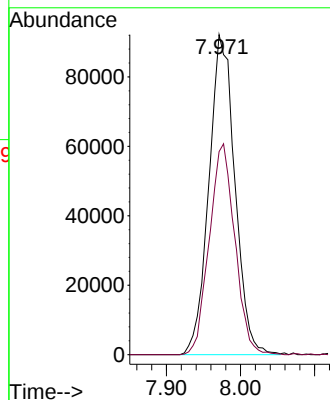
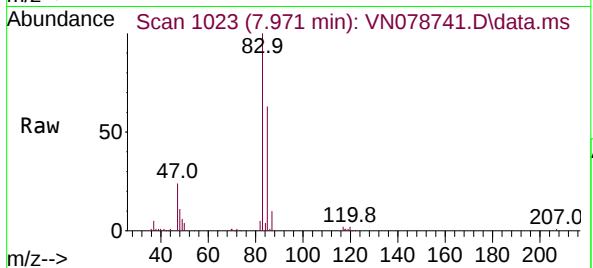
Carlone

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Supervised By :Semsettin

Yesilyurt

08/03/2023



#26

Cyclohexane

Concen: 16.498 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078741.D

Acq: 02 Aug 2023 20:51

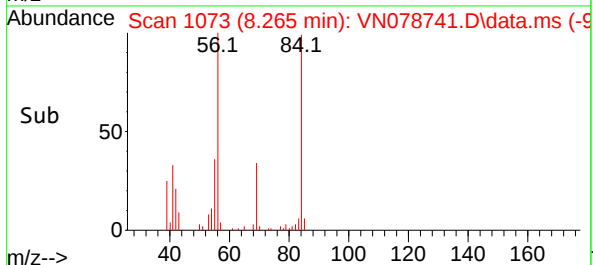
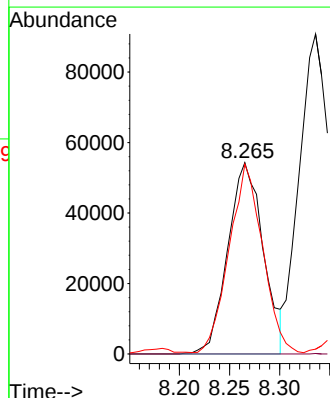
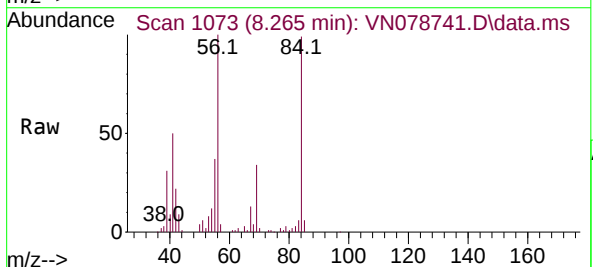
Tgt Ion: 56 Resp: 133594

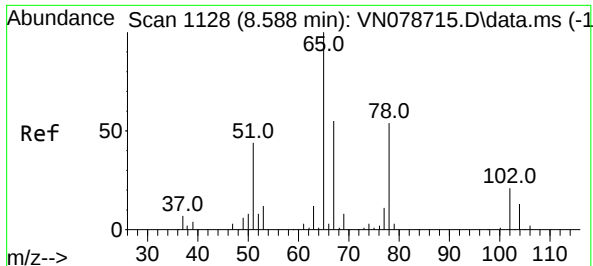
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 94.4 74.2 111.4





#27

1,2-Dichloroethane-d4

Concen: 30.830 ug/l

RT: 8.589 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN078741.D

Acq: 02 Aug 2023 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 224004

Ion Ratio Lower Upper

65 100

67 51.9 42.9 64.3

Manual Integrations

APPROVED

Reviewed By :John

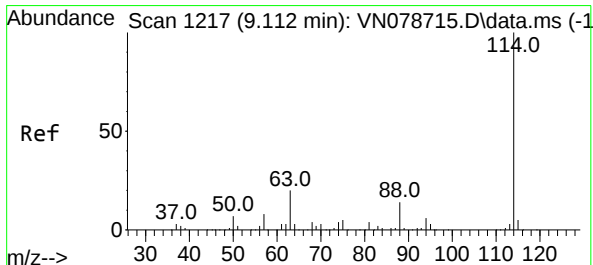
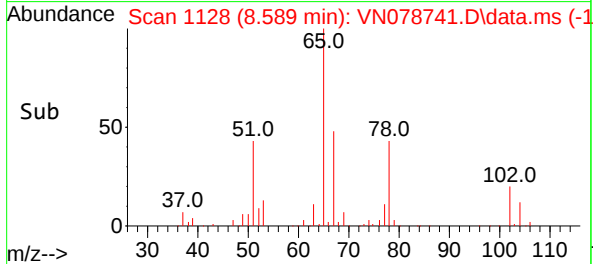
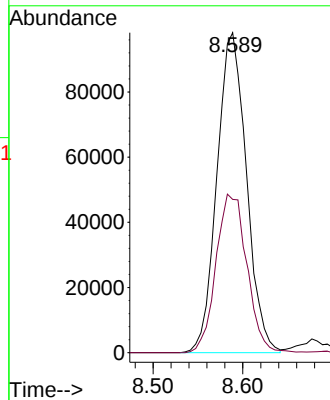
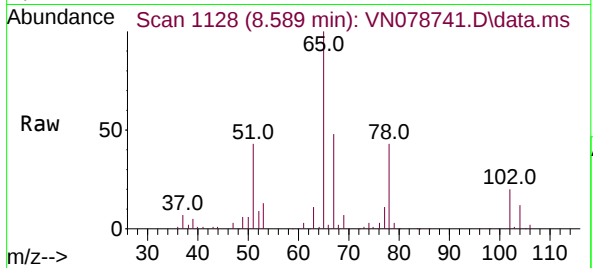
Carlone

08/03/2023

Supervised By :Semsettin

Yesilyurt

08/03/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VN078741.D

Acq: 02 Aug 2023 20:51

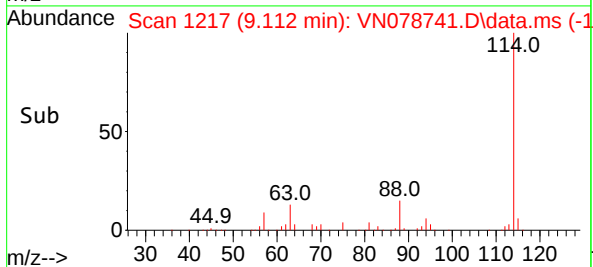
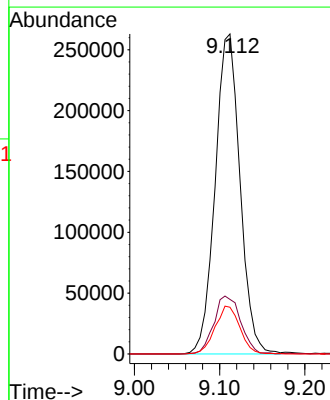
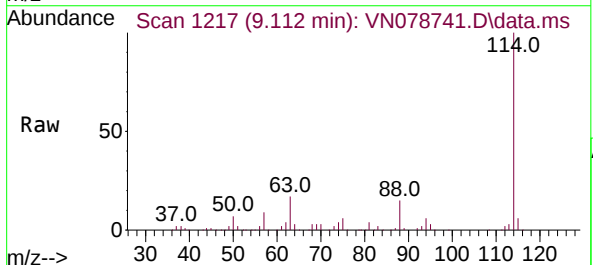
Tgt Ion:114 Resp: 533379

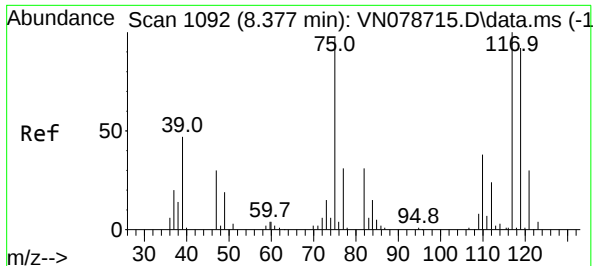
Ion Ratio Lower Upper

114 100

63 19.5 15.2 22.8

88 14.9 12.5 18.7





#29

1,1-Dichloropropene

Concen: 19.407 ug/l

RT: 8.383 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VN078741.D

Acq: 02 Aug 2023 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 15231

Ion	Ratio	Lower	Upper
75	100		
110	35.6	0.0	72.2
77	30.5	0.0	62.8

Manual Integrations

APPROVED

Reviewed By :John

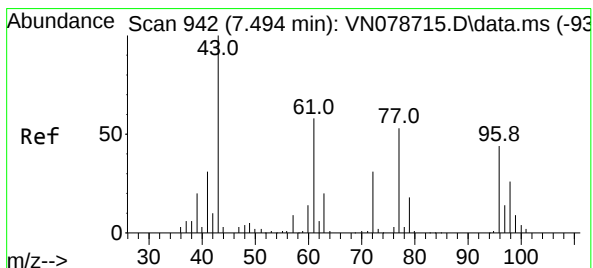
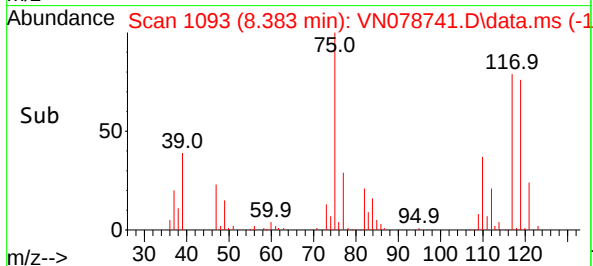
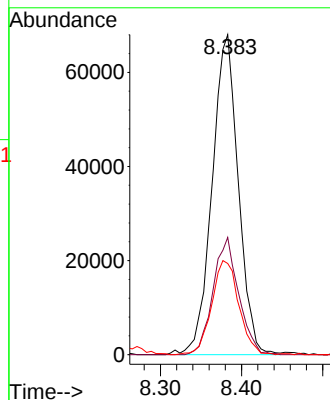
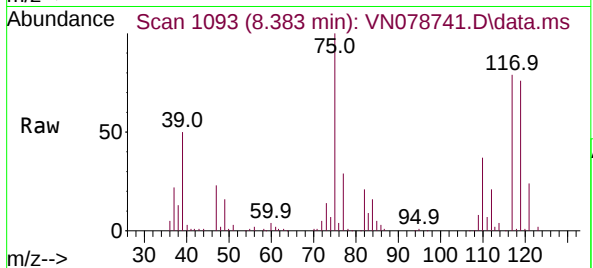
Carlone

08/03/2023

Supervised By :Semsetin

Yesilyurt

08/03/2023



#30

2-Butanone

Concen: 98.593 ug/l

RT: 7.501 min Scan# 943

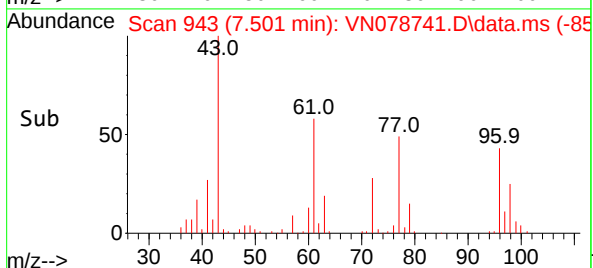
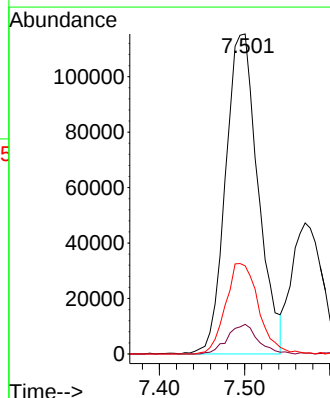
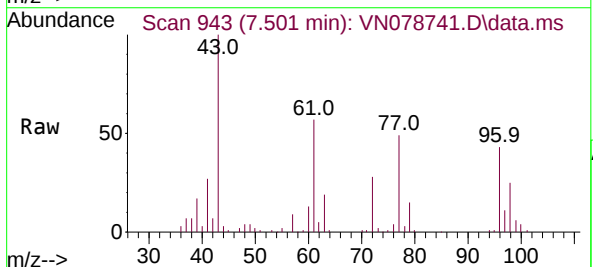
Delta R.T. 0.006 min

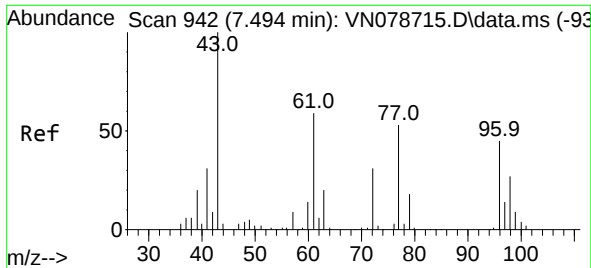
Lab File: VN078741.D

Acq: 02 Aug 2023 20:51

Tgt Ion: 43 Resp: 305885

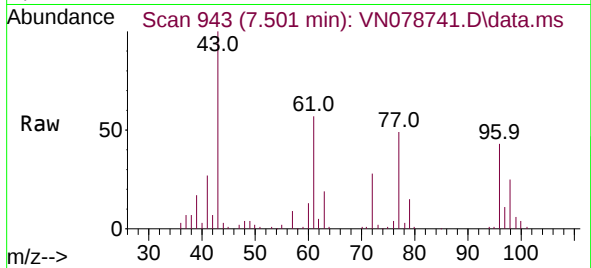
Ion	Ratio	Lower	Upper
43	100		
57	8.6	6.8	10.2
72	28.4	23.8	35.6





#31
2,2-Dichloropropane
Concen: 16.707 ug/l
RT: 7.501 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

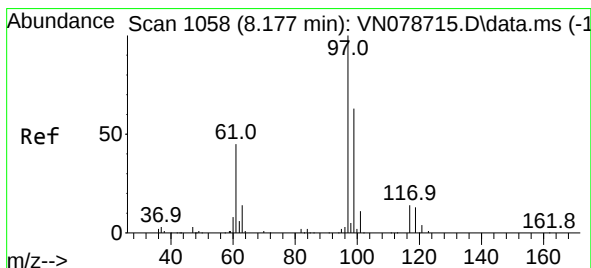
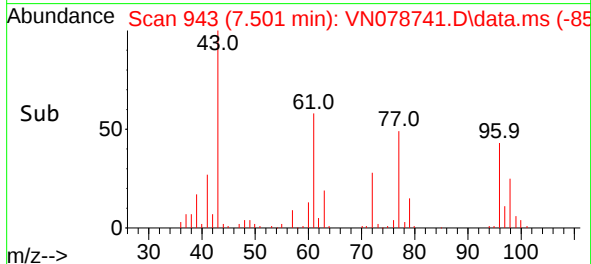
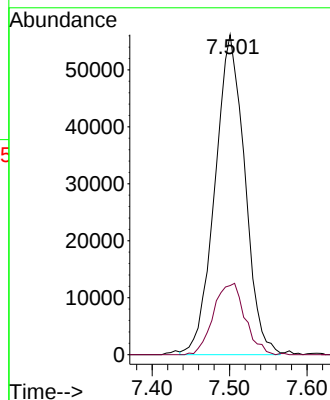


Tgt Ion: 77 Resp: 15045
Ion Ratio Lower Upper
77 100
97 23.5 18.8 28.2

Manual Integrations
APPROVED

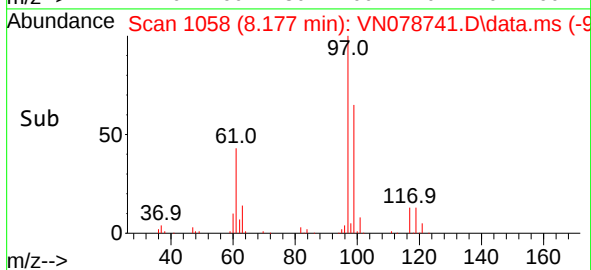
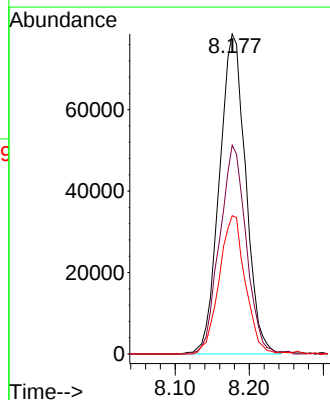
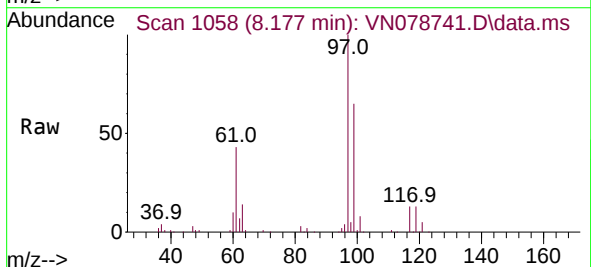
Reviewed By :John
Carlone
08/03/2023

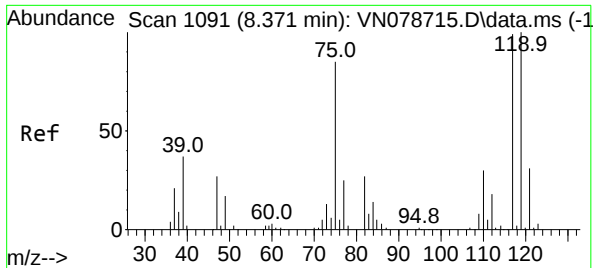
Supervised By :Semsettin
Yesilyurt
08/03/2023



#32
1,1,1-Trichloroethane
Concen: 19.443 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

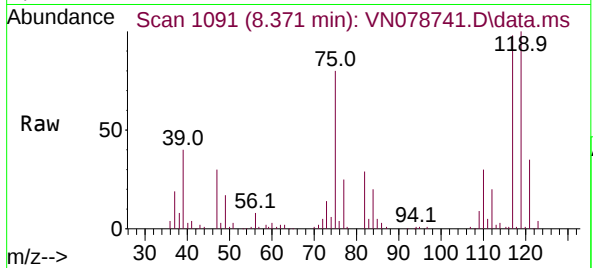
Tgt Ion: 97 Resp: 193063
Ion Ratio Lower Upper
97 100
99 65.9 51.3 76.9
61 42.9 34.6 52.0





#33
Carbon Tetrachloride
Concen: 19.200 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

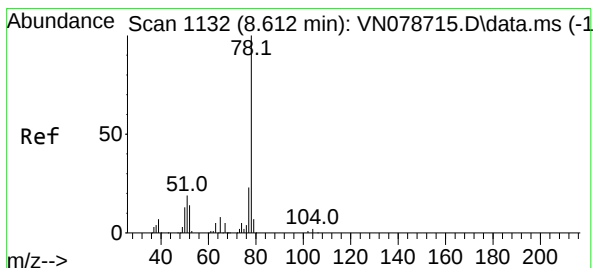
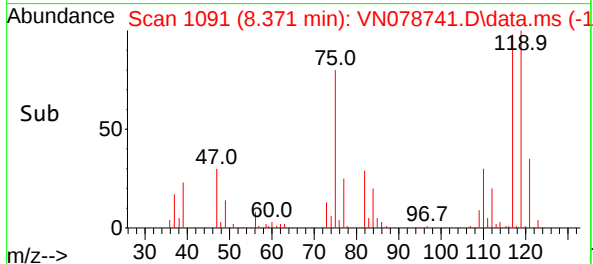
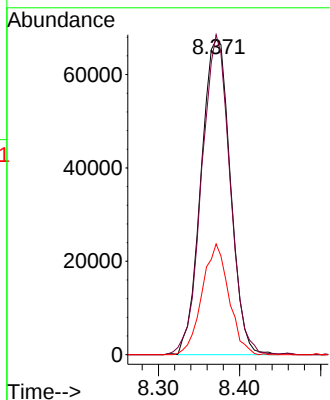


Tgt Ion:117 Resp: 169329
Ion Ratio Lower Upper
117 100
119 101.3 81.4 122.0
121 35.2 23.6 35.4

Manual Integrations
APPROVED

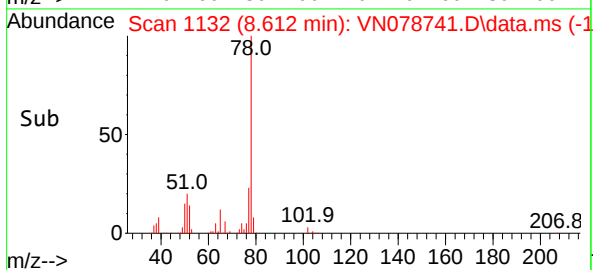
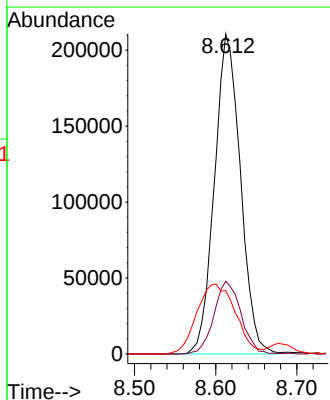
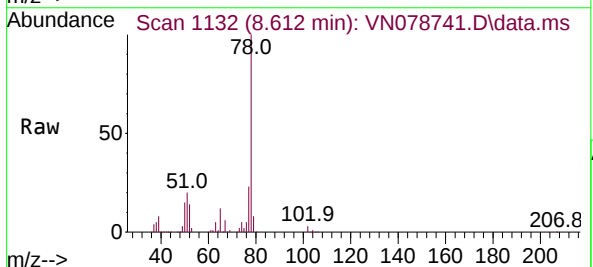
Reviewed By :John
Carlone
08/03/2023

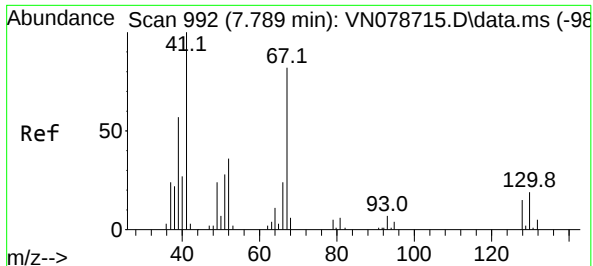
Supervised By :Semsettin
Yesilyurt
08/03/2023



#34
Benzene
Concen: 19.888 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

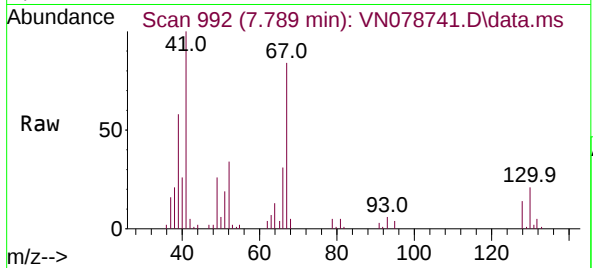
Tgt Ion: 78 Resp: 468874
Ion Ratio Lower Upper
78 100
77 22.7 18.3 27.5
51 18.8 13.7 20.5





#35
Methacrylonitrile
Concen: 19.767 ug/l
RT: 7.789 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

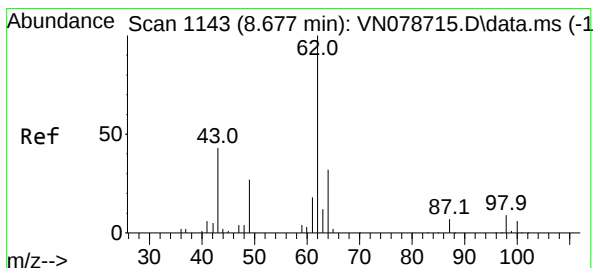
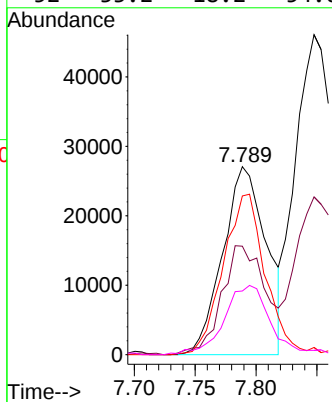
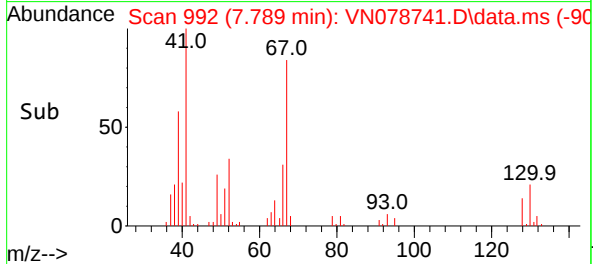


Tgt Ion: 41 Resp: 67344
Ion Ratio Lower Upper
41 100
39 56.8 33.9 101.6
67 83.9 45.9 137.6
52 33.2 18.2 54.6

Manual Integrations
APPROVED

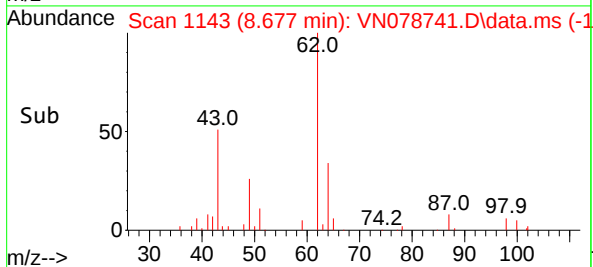
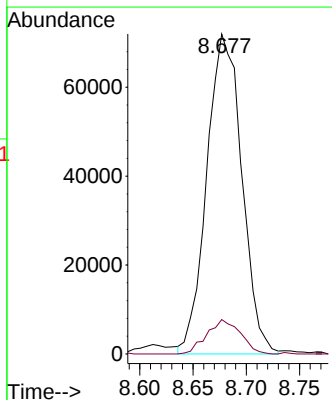
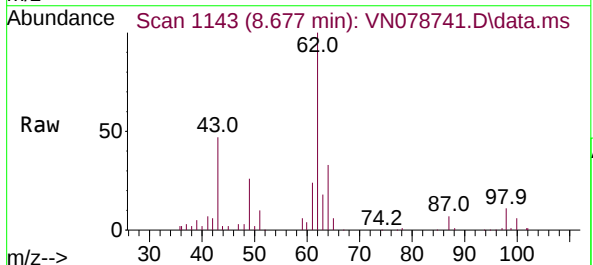
Reviewed By :John
Carlone
08/03/2023

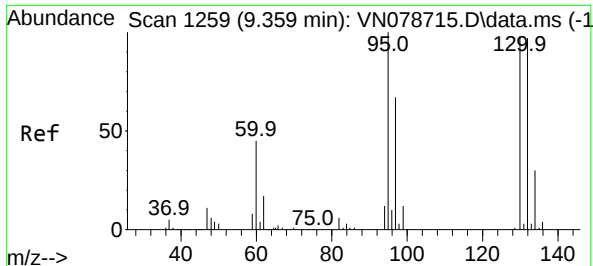
Supervised By :Semsettin
Yesilyurt
08/03/2023



#36
1,2-Dichloroethane
Concen: 19.894 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Tgt Ion: 62 Resp: 164714
Ion Ratio Lower Upper
62 100
98 10.3 7.4 11.0





#37

Trichloroethene

Concen: 17.868 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VN078741.D

Acq: 02 Aug 2023 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 11821

Ion Ratio Lower Upper

130 100

95 102.9 78.2 117.4

Manual Integrations

APPROVED

Reviewed By :John

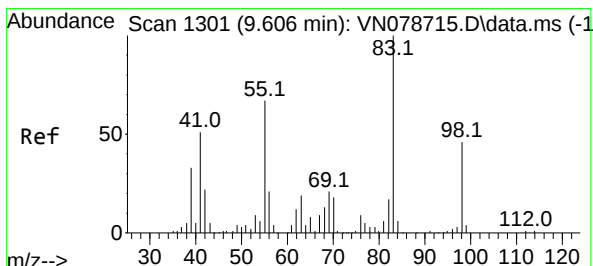
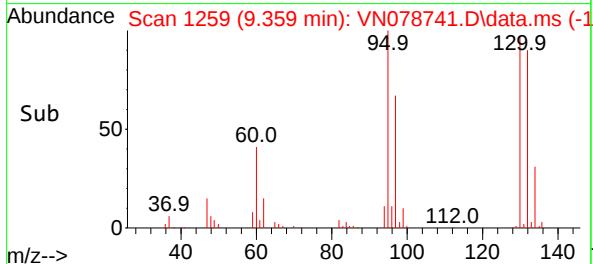
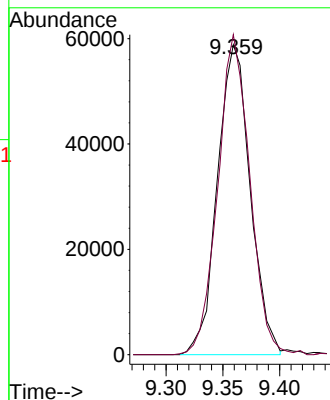
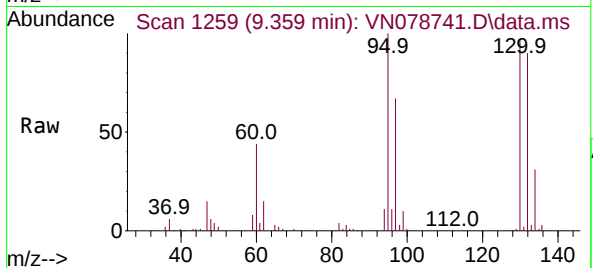
Carlone

08/03/2023

Supervised By :Semsetin

Yesilyurt

08/03/2023



#38

Methylcyclohexane

Concen: 15.525 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN078741.D

Acq: 02 Aug 2023 20:51

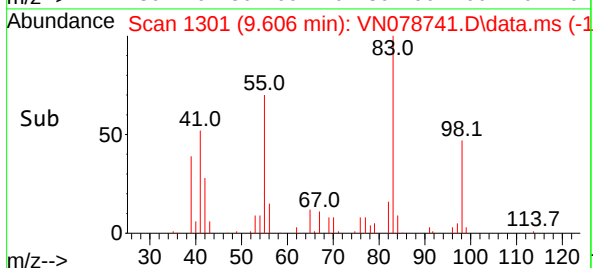
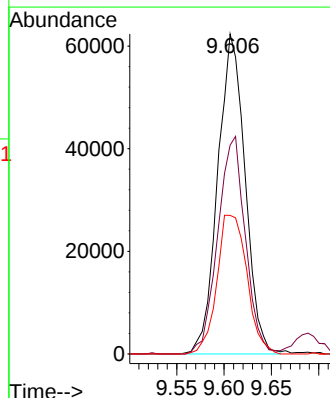
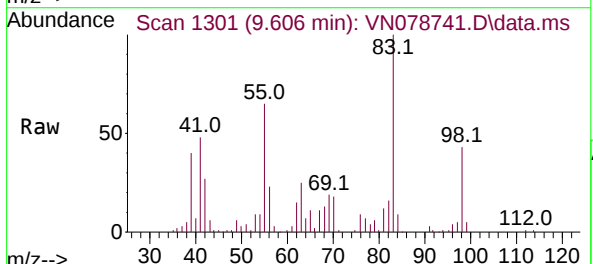
Tgt Ion: 83 Resp: 125188

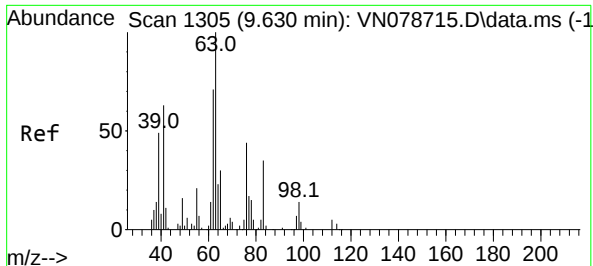
Ion Ratio Lower Upper

83 100

55 68.7 34.0 102.0

98 47.6 23.0 69.0





#39

1,2-Dichloropropane

Concen: 19.046 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078741.D

Acq: 02 Aug 2023 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 12037

Ion Ratio Lower Upper

63 100

65 31.0 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John

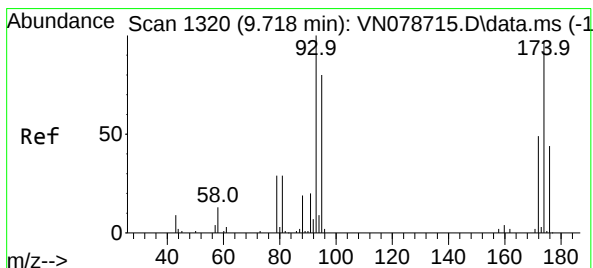
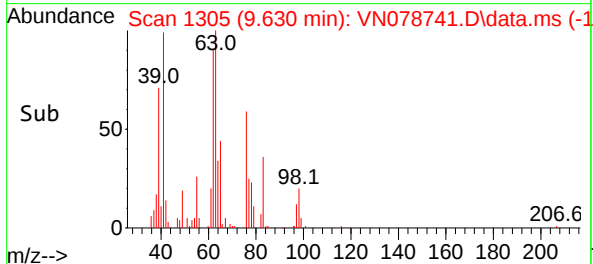
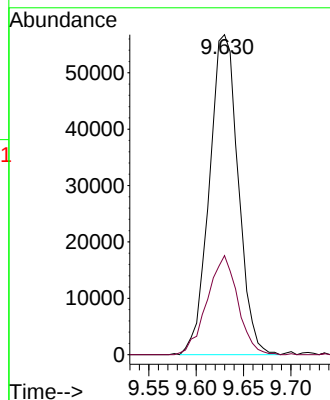
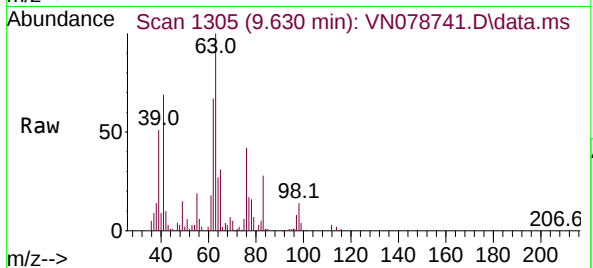
Carlone

08/03/2023

Supervised By :Semsettin

Yesilyurt

08/03/2023



#40

Dibromomethane

Concen: 19.979 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078741.D

Acq: 02 Aug 2023 20:51

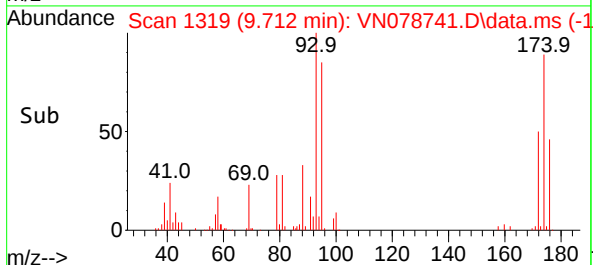
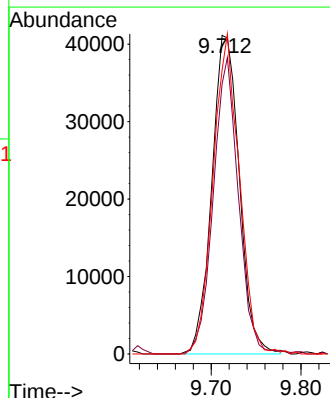
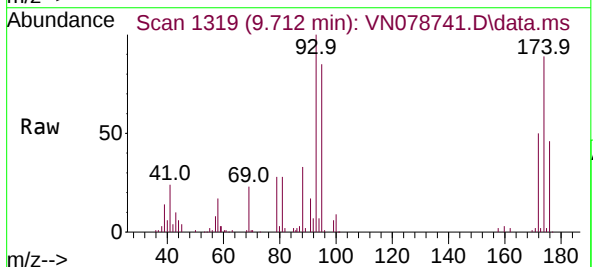
Tgt Ion: 93 Resp: 87395

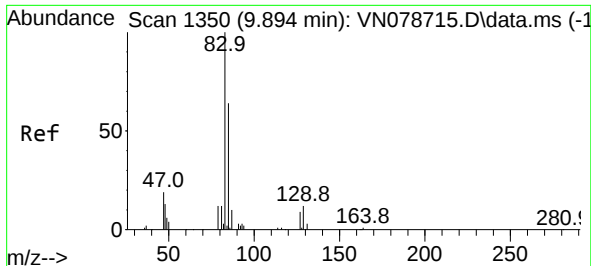
Ion Ratio Lower Upper

93 100

95 84.7 0.0 167.8

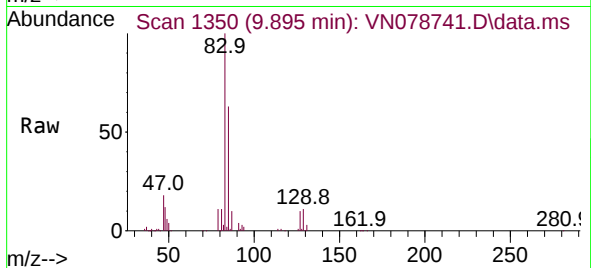
174 95.4 0.0 180.8





#41
Bromodichloromethane
Concen: 20.206 ug/l
RT: 9.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

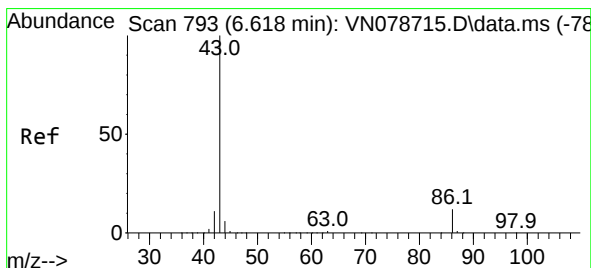
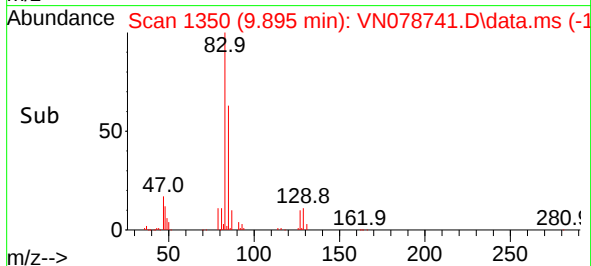
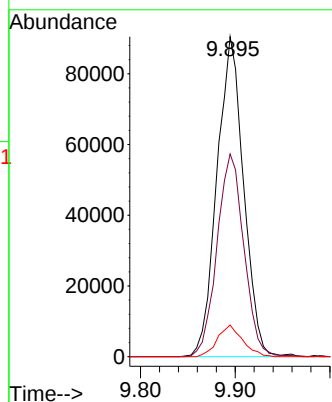


Tgt Ion: 83 Resp: 17670
Ion Ratio Lower Upper
83 100
85 63.3 54.1 81.1
127 9.9 7.8 11.6

Manual Integrations
APPROVED

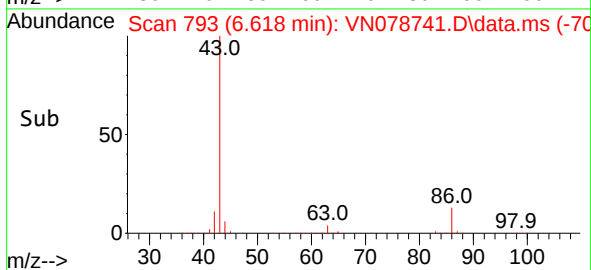
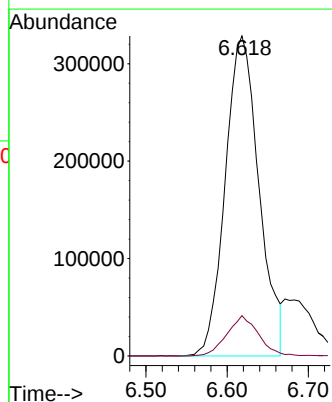
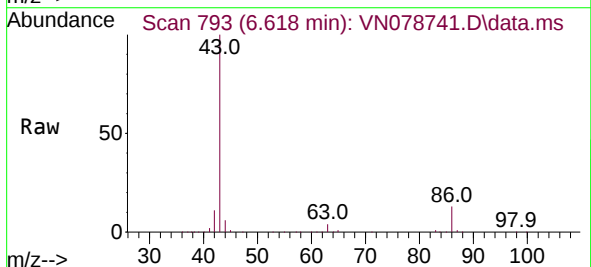
Reviewed By :John
Carlone
08/03/2023

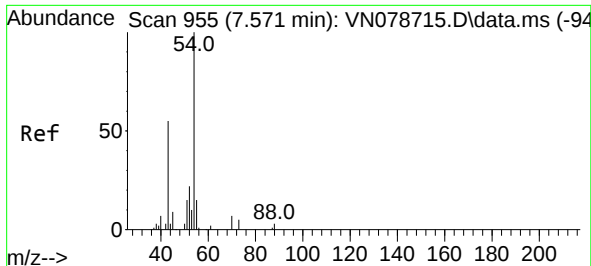
Supervised By :Semsettin
Yesilyurt
08/03/2023



#42
Vinyl Acetate
Concen: 95.326 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

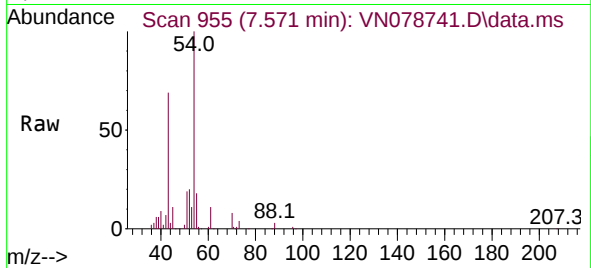
Tgt Ion: 43 Resp: 950827
Ion Ratio Lower Upper
43 100
86 11.8 9.4 14.0





#43
Ethyl Acetate
Concen: 18.573 ug/l
RT: 7.571 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

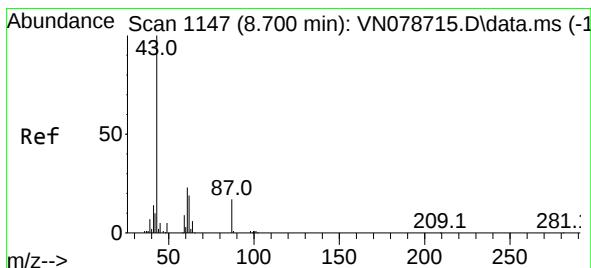
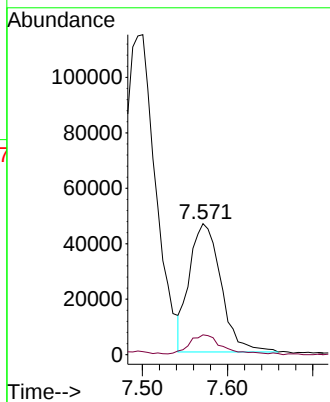
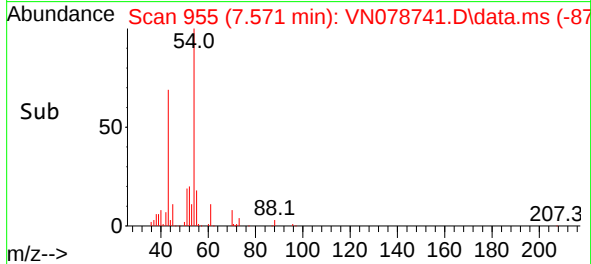


Tgt Ion: 43 Resp: 11912
Ion Ratio Lower Upper
43 100
45 16.1 10.9 16.3

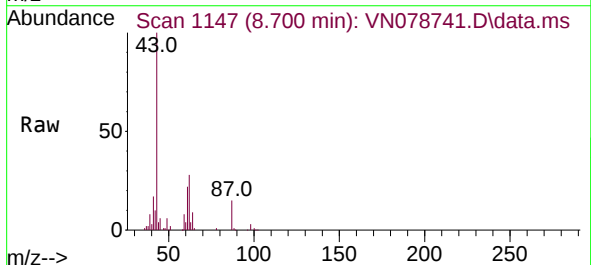
Manual Integrations
APPROVED

Reviewed By :John
Carlone
08/03/2023

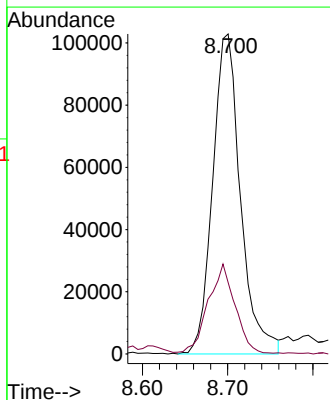
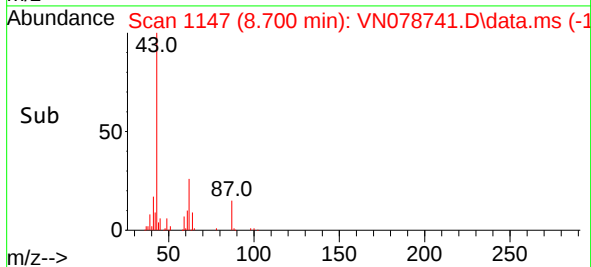
Supervised By :Semsettin
Yesilyurt
08/03/2023

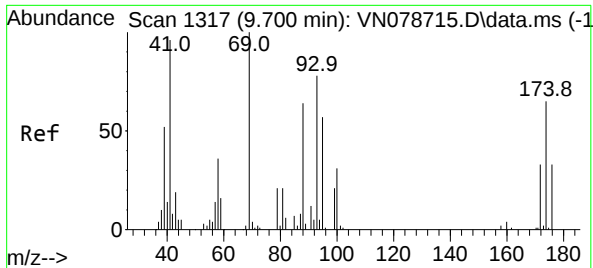


#44
Isopropyl Acetate
Concen: 20.715 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51



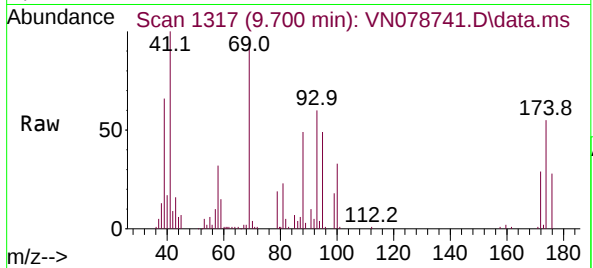
Tgt Ion: 43 Resp: 233117
Ion Ratio Lower Upper
43 100
61 27.6 23.0 34.6





#45
1,4-Dioxane
Concen: 357.547 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

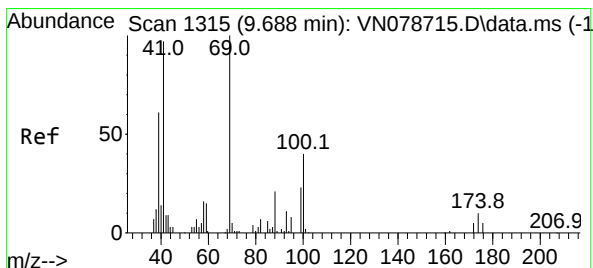
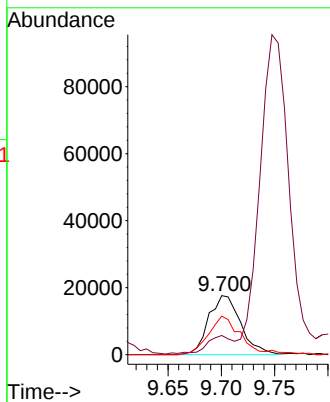
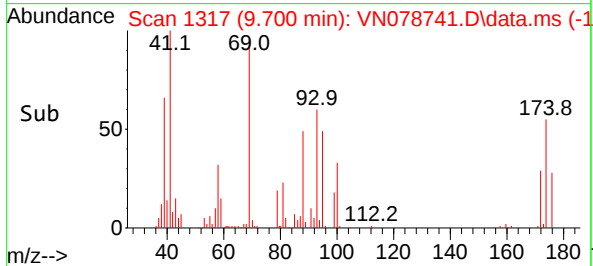


Tgt Ion: 88 Resp: 37012
Ion Ratio Lower Upper
88 100
43 22.5 19.0 28.6
58 62.6 48.2 72.2

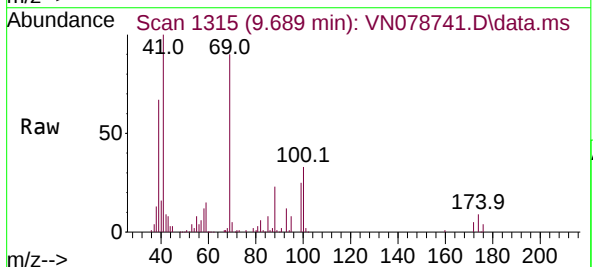
Manual Integrations
APPROVED

Reviewed By :John
Carlone
08/03/2023

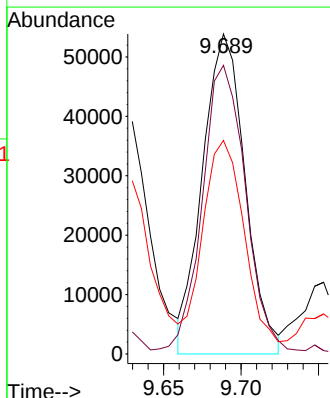
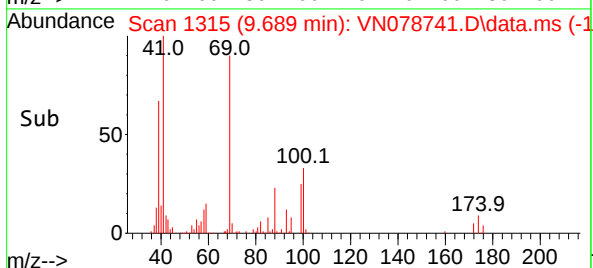
Supervised By :Semsettin
Yesilyurt
08/03/2023

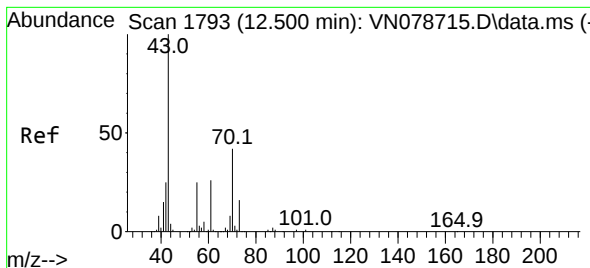


#46
Methyl methacrylate
Concen: 19.994 ug/l
RT: 9.689 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51



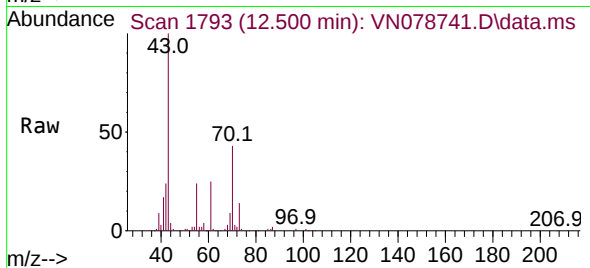
Tgt Ion: 41 Resp: 103037
Ion Ratio Lower Upper
41 100
69 91.3 49.0 147.0
39 66.8 31.6 94.8





#47
n-amy1 Acetate
Concen: 18.849 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

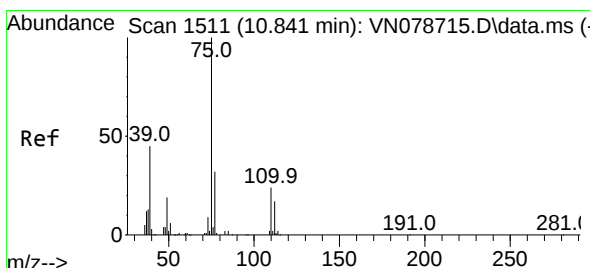
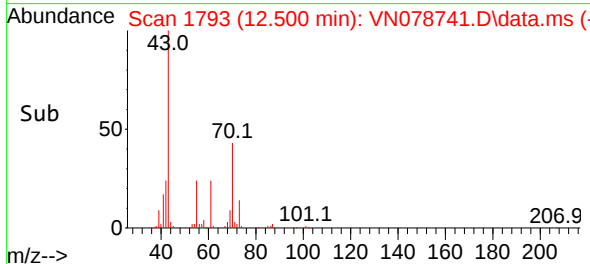
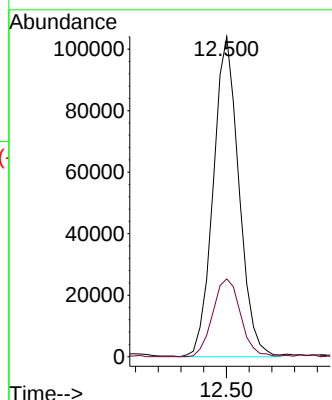


Tgt Ion: 43 Resp: 16336
Ion Ratio Lower Upper
43 100
55 26.3 21.5 32.3

Manual Integrations
APPROVED

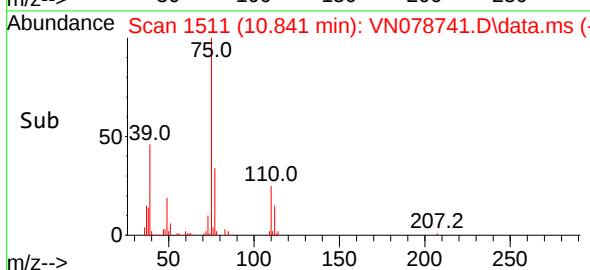
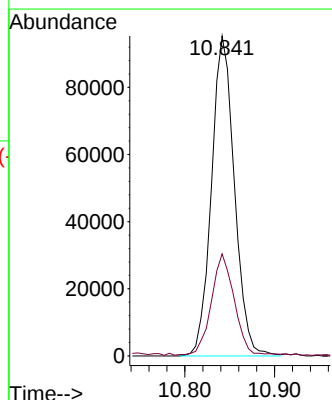
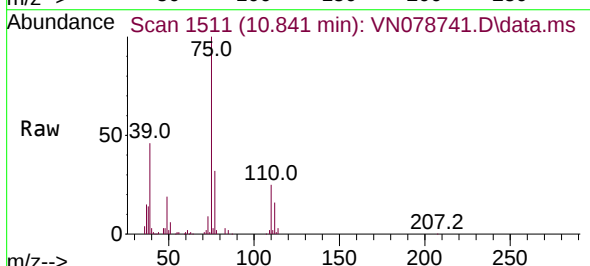
Reviewed By :John
Carlone
08/03/2023

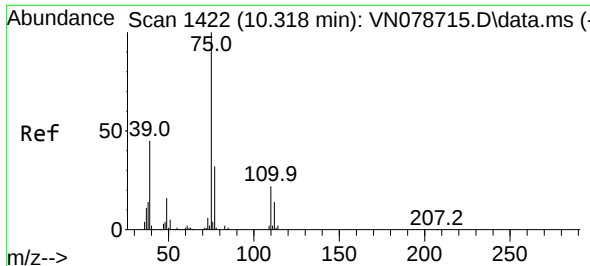
Supervised By :Semsettin
Yesilyurt
08/03/2023



#48
t-1,3-Dichloropropene
Concen: 18.134 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Tgt Ion: 75 Resp: 169257
Ion Ratio Lower Upper
75 100
77 31.5 26.1 39.1





#49

cis-1,3-Dichloropropene

Concen: 18.896 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VN078741.D

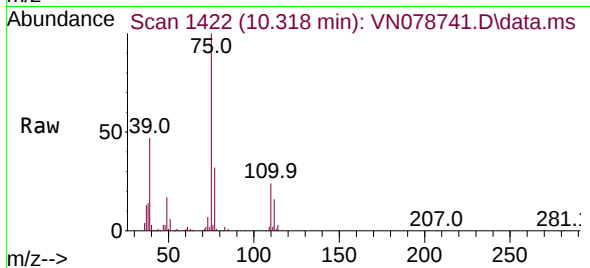
Acq: 02 Aug 2023 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 75 Resp: 187320

Ion Ratio Lower Upper

75 100

77 31.8 24.0 36.0

39 46.8 35.1 52.7

Manual Integrations

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Reviewed By :John

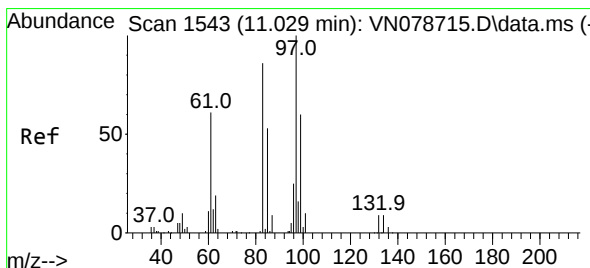
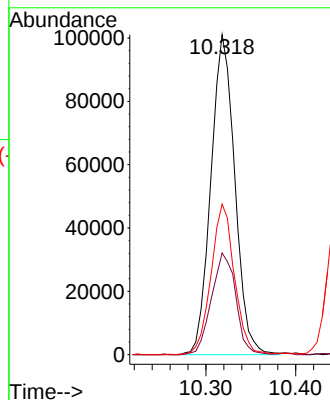
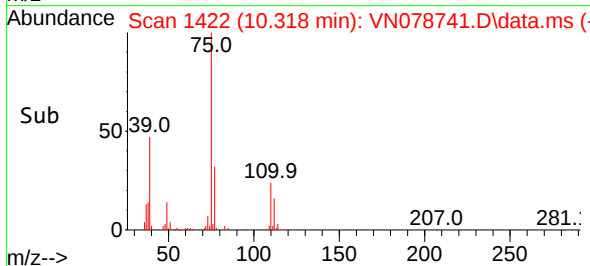
Carlone

08/03/2023

Supervised By :Semsettin

Yesilyurt

08/03/2023



#50

1,1,2-Trichloroethane

Concen: 19.532 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. -0.006 min

Lab File: VN078741.D

Acq: 02 Aug 2023 20:51

Tgt Ion: 97 Resp: 120943

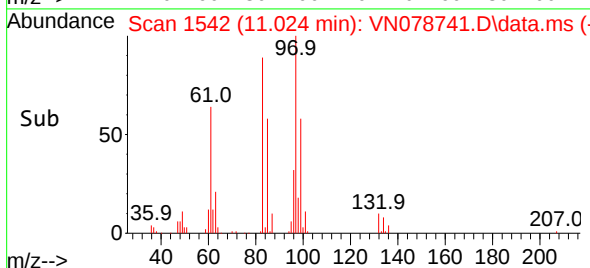
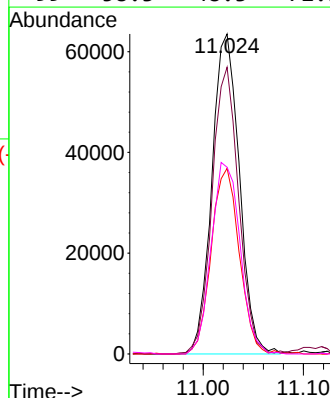
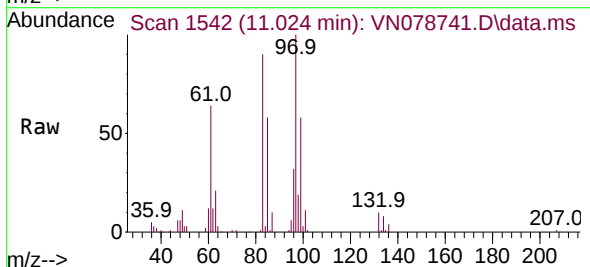
Ion Ratio Lower Upper

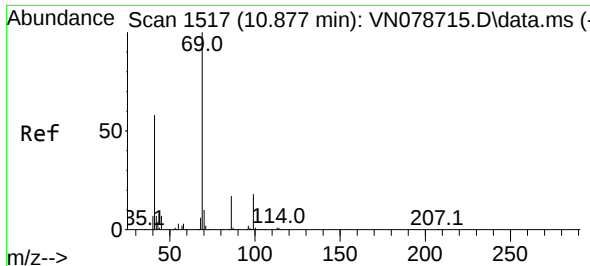
97 100

83 89.3 66.8 100.2

85 58.0 42.5 63.7

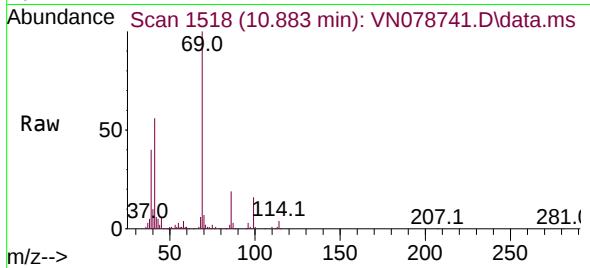
99 58.3 48.3 72.5





#51
Ethyl methacrylate
Concen: 19.093 ug/l
RT: 10.883 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

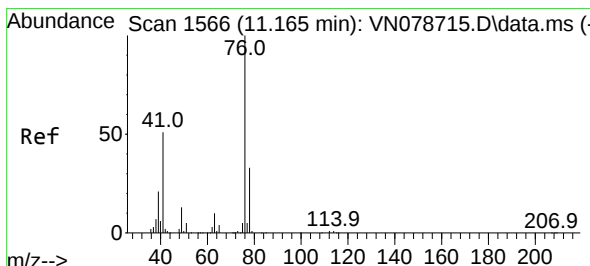
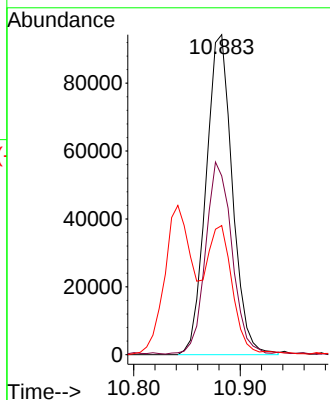
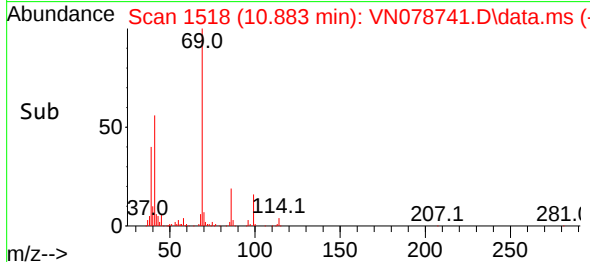


Tgt Ion: 69 Resp: 16186
Ion Ratio Lower Upper
69 100
41 55.1 26.0 78.0
39 39.6 16.3 48.9

Manual Integrations
APPROVED

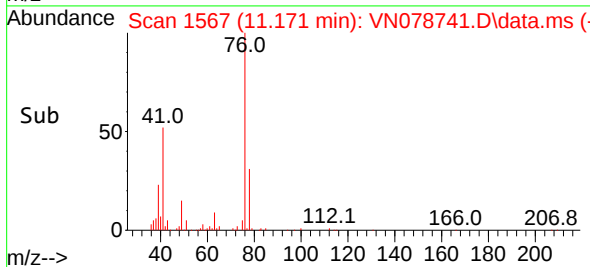
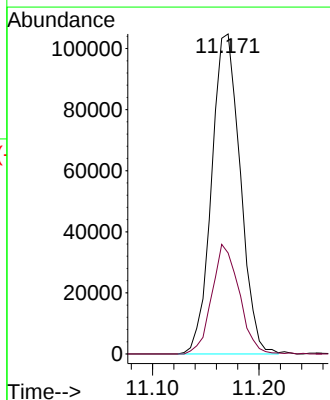
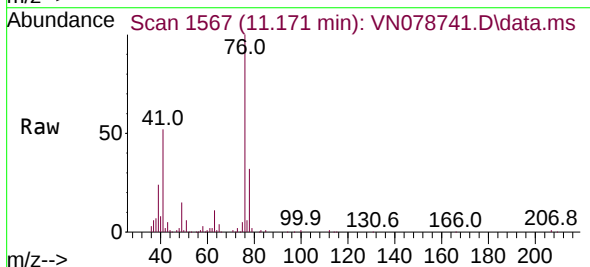
Reviewed By :John
Carlone
08/03/2023

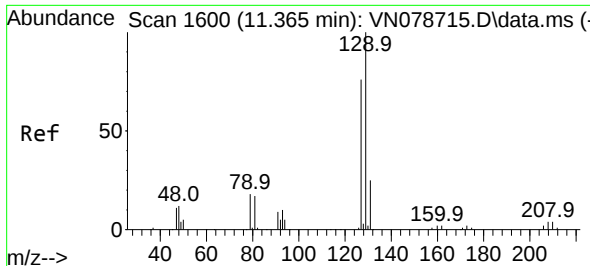
Supervised By :Semsettin
Yesilyurt
08/03/2023



#52
1,3-Dichloropropane
Concen: 17.580 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

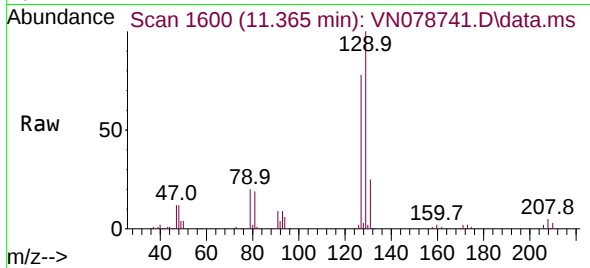
Tgt Ion: 76 Resp: 195652
Ion Ratio Lower Upper
76 100
78 32.6 0.0 66.2





#53
Dibromochloromethane
Concen: 19.361 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

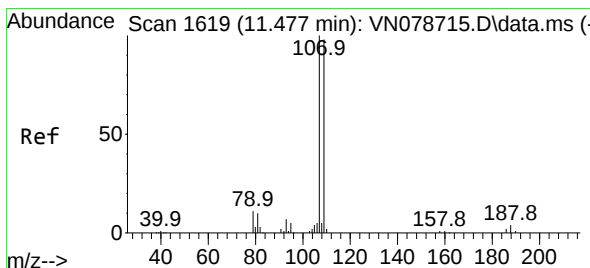
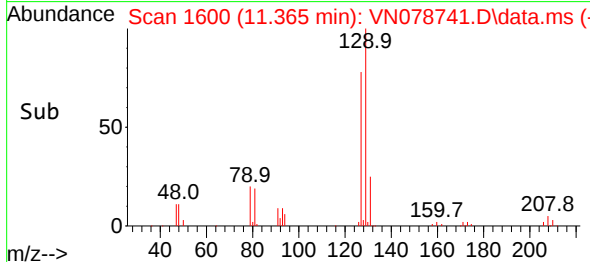
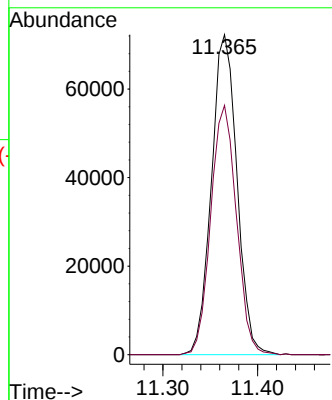


Tgt Ion:129 Resp: 135438
Ion Ratio Lower Upper
129 100
127 78.2 39.4 118.1

Manual Integrations
APPROVED

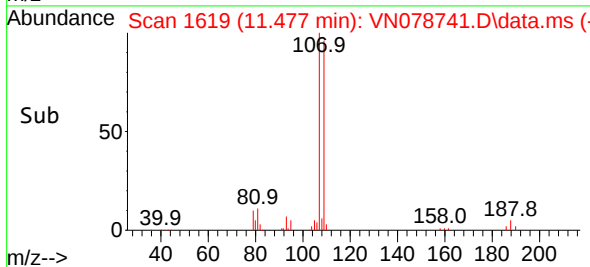
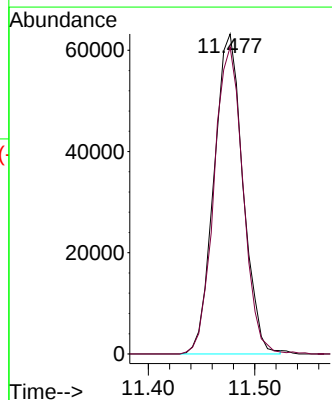
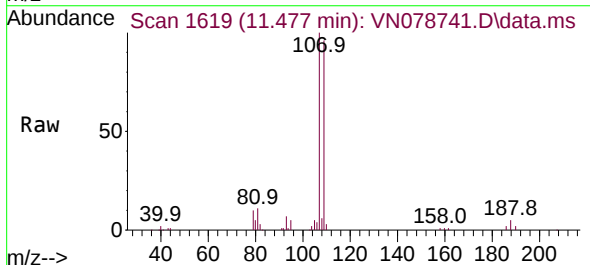
Reviewed By :John
Carlone
08/03/2023

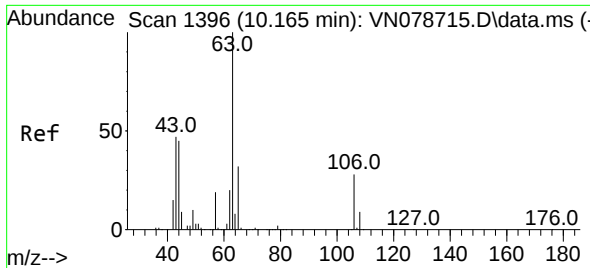
Supervised By :Semsettin
Yesilyurt
08/03/2023



#54
1,2-Dibromoethane
Concen: 19.215 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

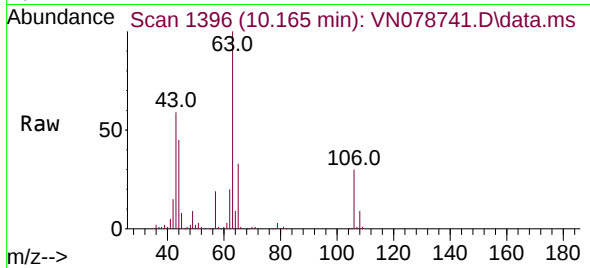
Tgt Ion:107 Resp: 119470
Ion Ratio Lower Upper
107 100
109 95.7 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 101.687 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

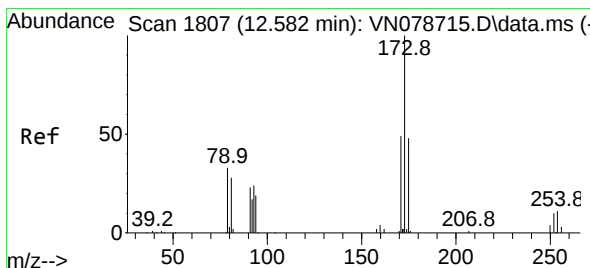
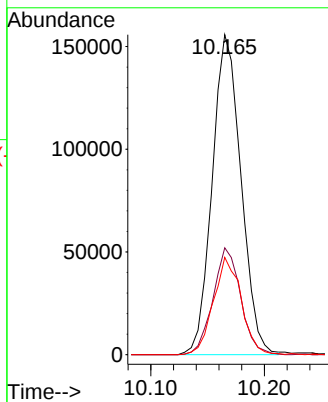
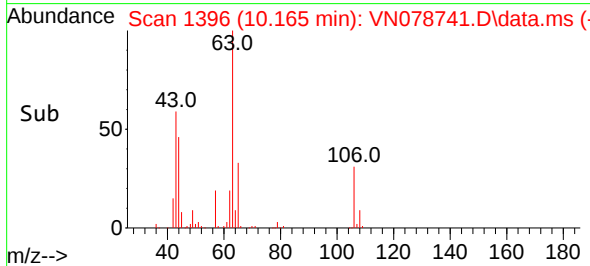


Tgt Ion: 63 Resp: 274688
Ion Ratio Lower Upper
63 100
65 32.0 26.3 39.5
106 29.4 23.8 35.6

Manual Integrations
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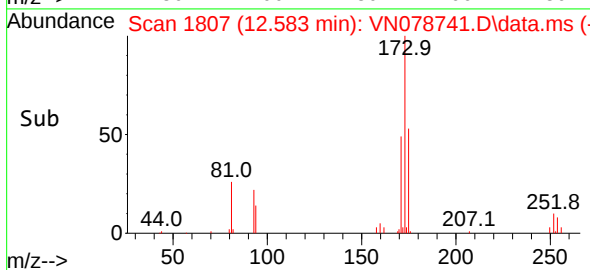
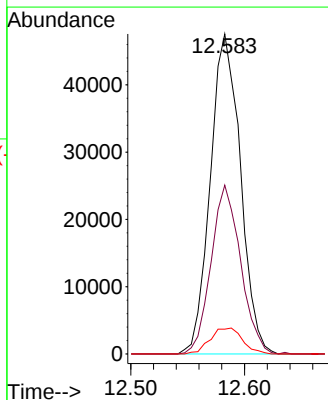
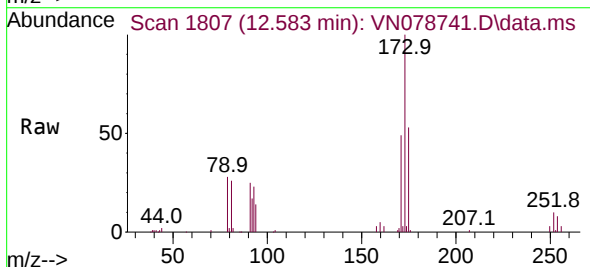
Reviewed By :John
Carlone
08/03/2023

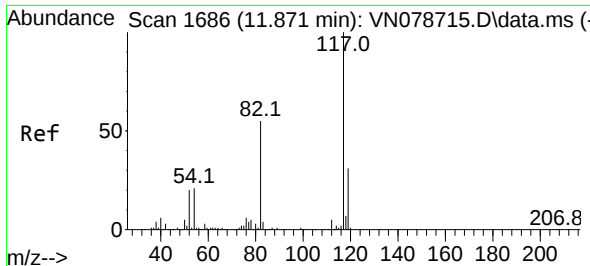
Supervised By :Semsettin
Yesilyurt
08/03/2023



#56
Bromoform
Concen: 19.136 ug/l
RT: 12.583 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

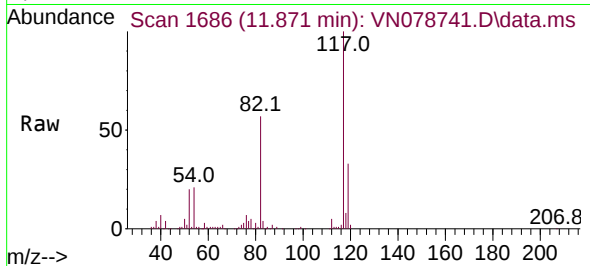
Tgt Ion:173 Resp: 87584
Ion Ratio Lower Upper
173 100
175 51.7 40.7 61.1
254 8.7 6.5 9.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

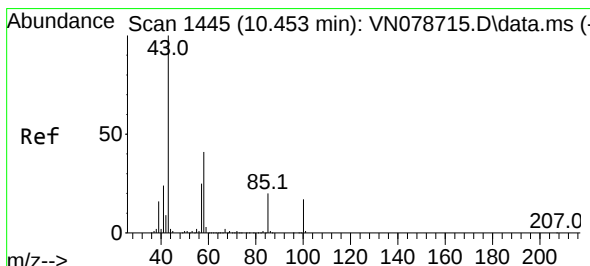
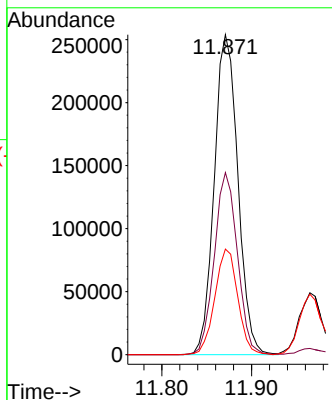
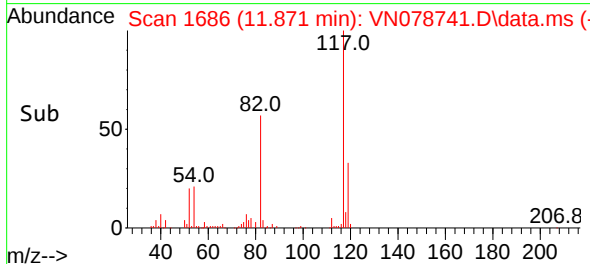


Tgt Ion:117 Resp: 46456
Ion Ratio Lower Upper
117 100
82 55.7 43.9 65.9
119 32.0 26.2 39.4

Manual Integrations
APPROVED

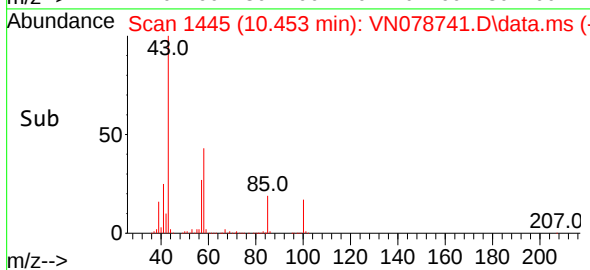
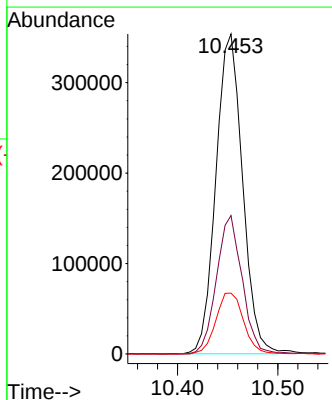
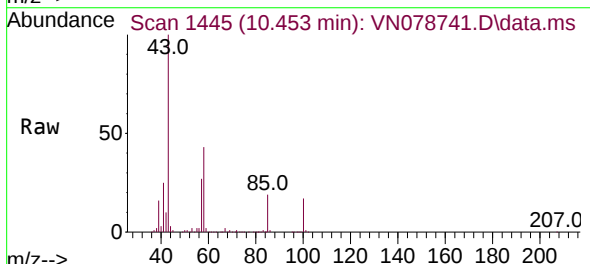
Reviewed By :John
Carlone
08/03/2023

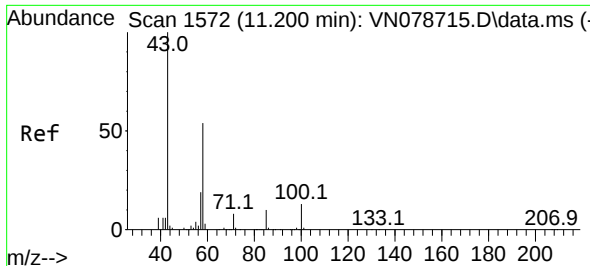
Supervised By :Semsettin
Yesilyurt
08/03/2023



#58
4-Methyl-2-Pentanone
Concen: 93.815 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

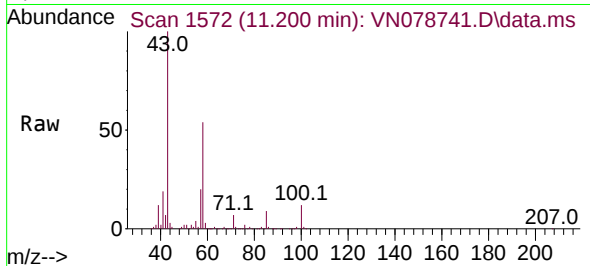
Tgt Ion: 43 Resp: 652347
Ion Ratio Lower Upper
43 100
58 41.5 32.6 48.8
85 19.8 16.2 24.2





#59
2-Hexanone
Concen: 86.779 ug/l
RT: 11.200 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

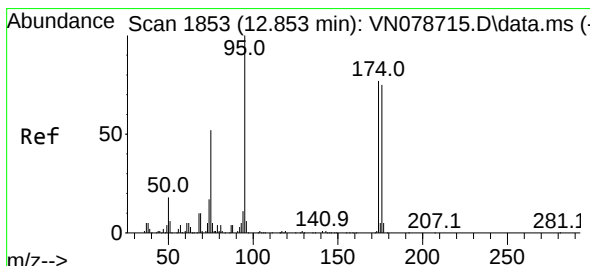
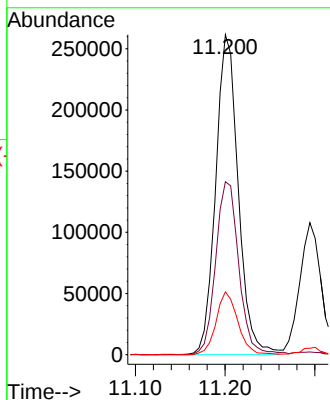
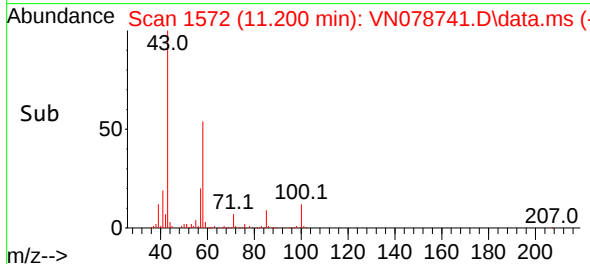


Tgt Ion: 43 Resp: 45689
Ion Ratio Lower Upper
43 100
58 55.3 45.9 68.9
57 18.7 15.8 23.6

Manual Integrations
APPROVED

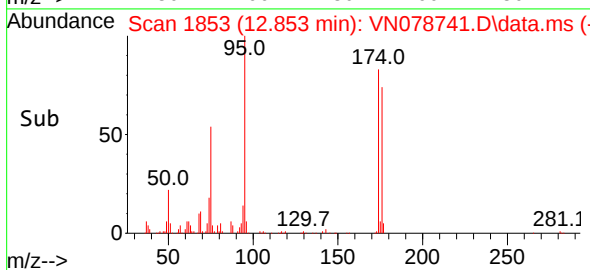
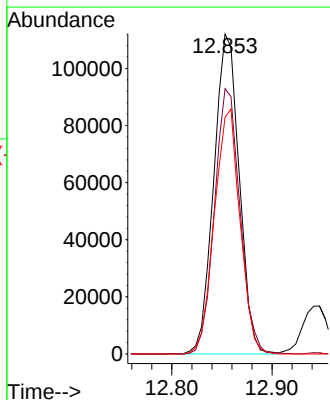
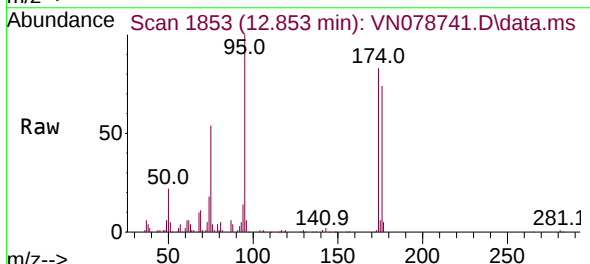
Reviewed By :John
Carlone
08/03/2023

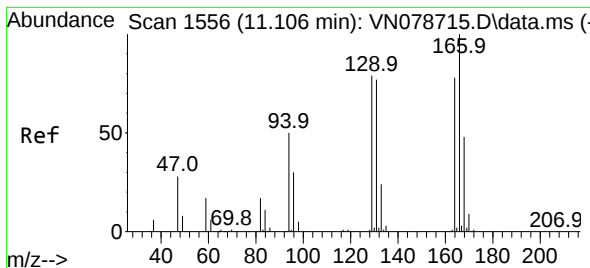
Supervised By :Semsettin
Yesilyurt
08/03/2023



#60
4-Bromofluorobenzene
Concen: 28.352 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

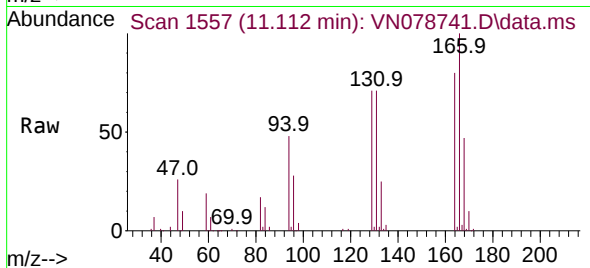
Tgt Ion: 95 Resp: 197391
Ion Ratio Lower Upper
95 100
174 82.6 61.7 92.5
176 77.2 58.1 87.1





#61
Tetrachloroethene
Concen: 16.933 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

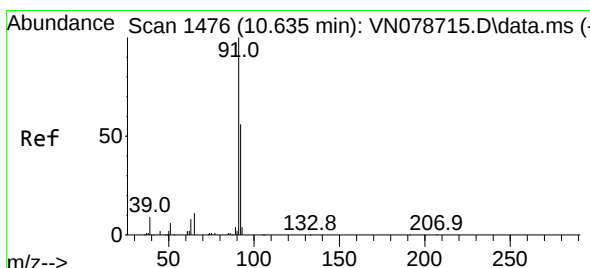
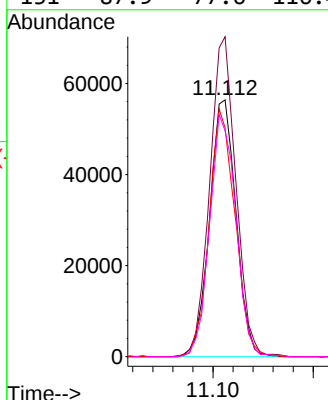
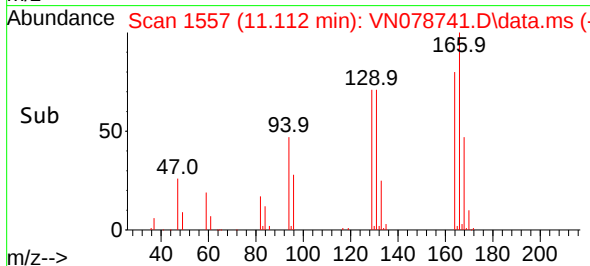


Tgt Ion:164 Resp: 10344
Ion Ratio Lower Upper
164 100
166 124.6 99.1 148.7
129 88.7 85.6 128.4
131 87.9 77.6 116.4

Manual Integrations
APPROVED

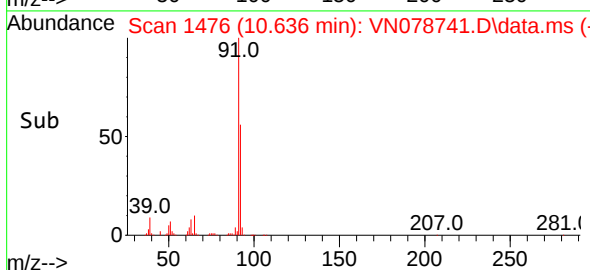
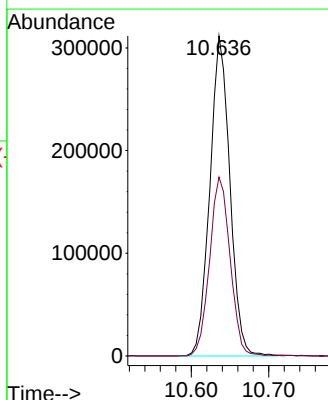
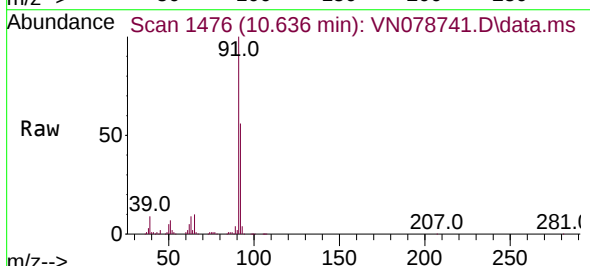
Reviewed By :John
Carlone
08/03/2023

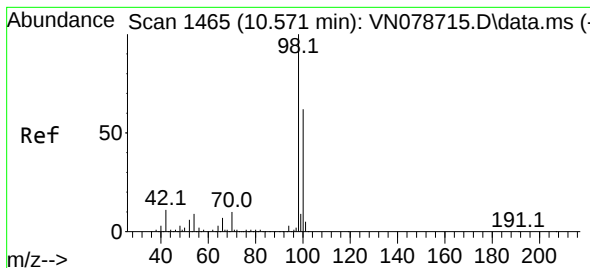
Supervised By :Semsettin
Yesilyurt
08/03/2023



#62
Toluene
Concen: 20.003 ug/l
RT: 10.636 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

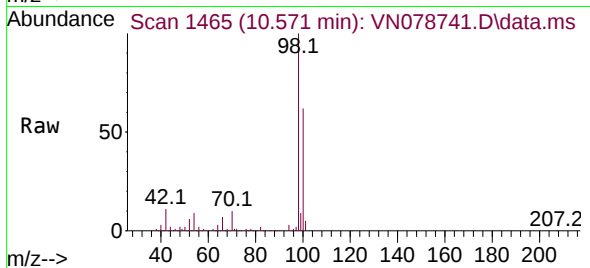
Tgt Ion: 91 Resp: 558971
Ion Ratio Lower Upper
91 100
92 57.2 45.2 67.8





#63
Toluene-d8
Concen: 30.174 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

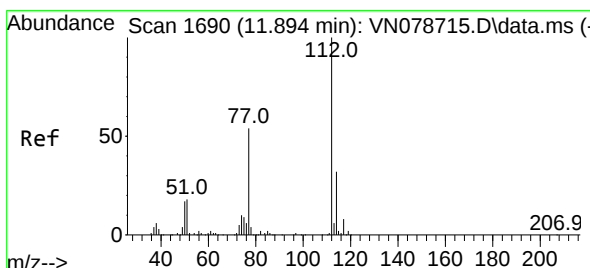
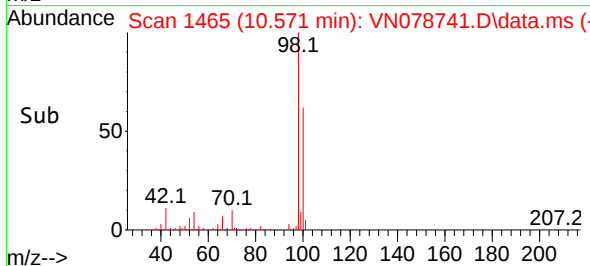
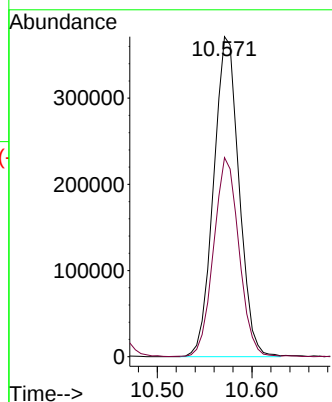


Tgt Ion: 98 Resp: 692470
Ion Ratio Lower Upper
98 100
100 61.5 49.7 74.5

Manual Integrations
APPROVED

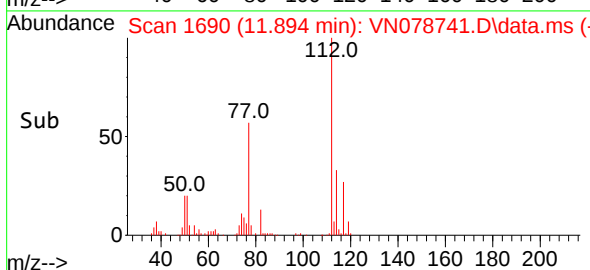
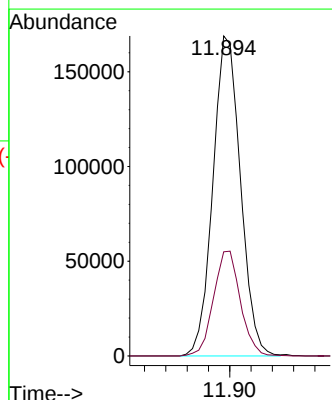
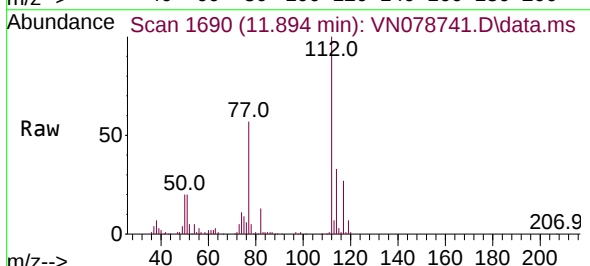
Reviewed By :John
Carlone
08/03/2023

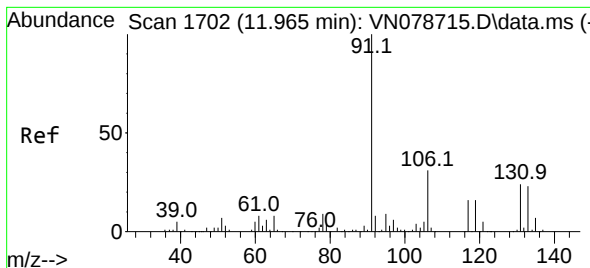
Supervised By :Semsetin
Yesilyurt
08/03/2023



#64
Chlorobenzene
Concen: 18.601 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

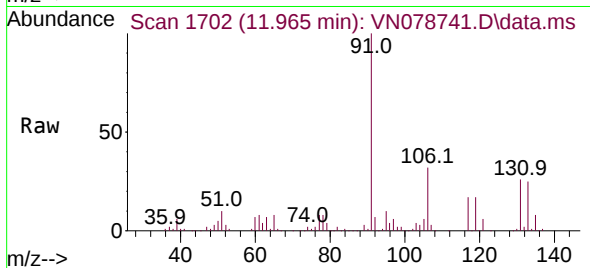
Tgt Ion:112 Resp: 303465
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 19.605 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

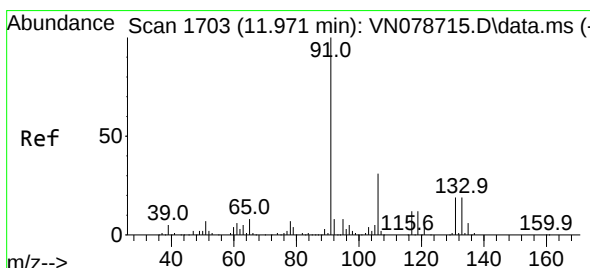
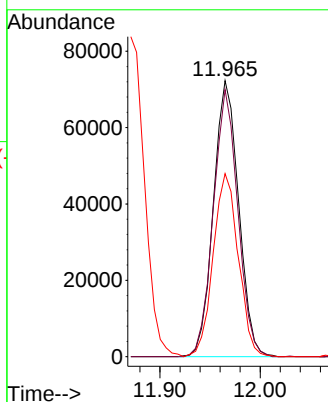
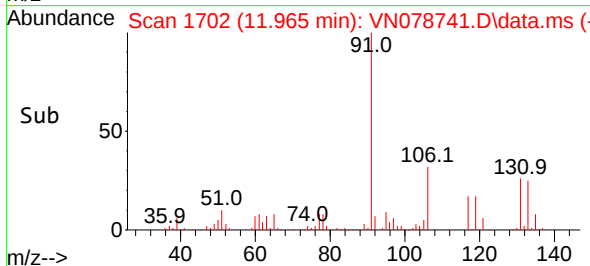


Tgt Ion:131 Resp: 126140
Ion Ratio Lower Upper
131 100
133 94.3 0.0 191.8
119 66.1 0.0 132.0

Manual Integrations
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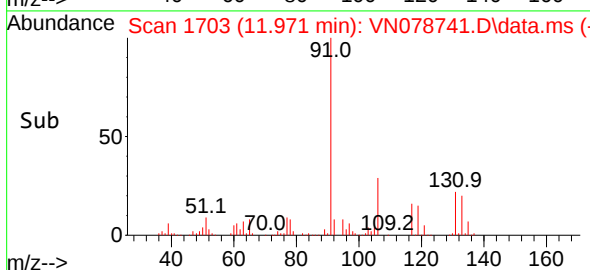
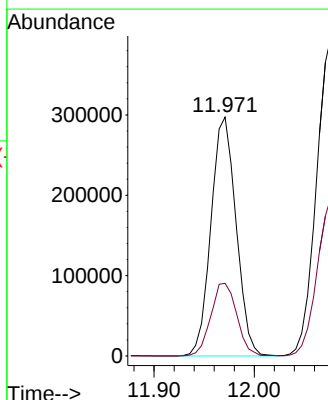
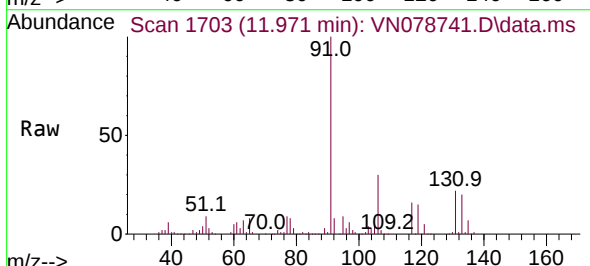
Reviewed By :John
Carlone
08/03/2023

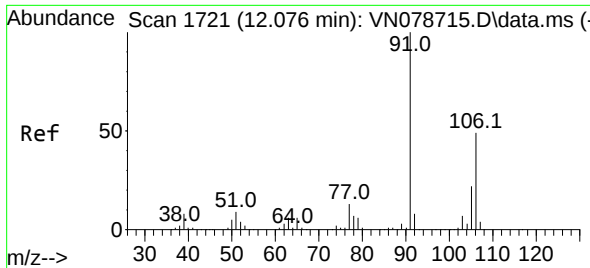
Supervised By :Semsetin
Yesilyurt
08/03/2023



#66
Ethyl Benzene
Concen: 18.370 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

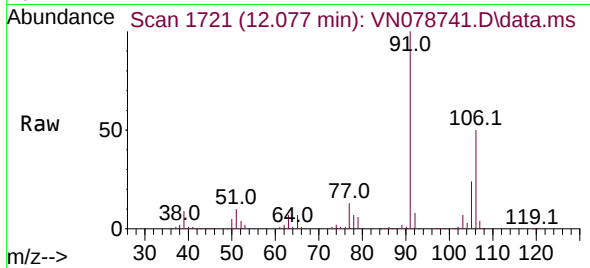
Tgt Ion: 91 Resp: 517354
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4





#67
m/p-Xylenes
Concen: 36.521 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

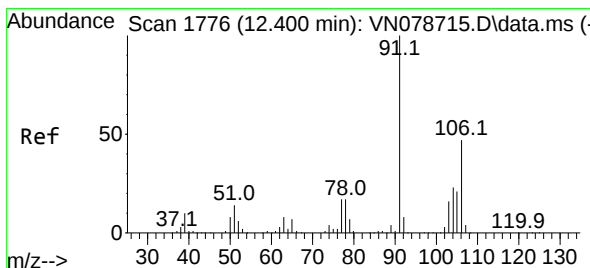
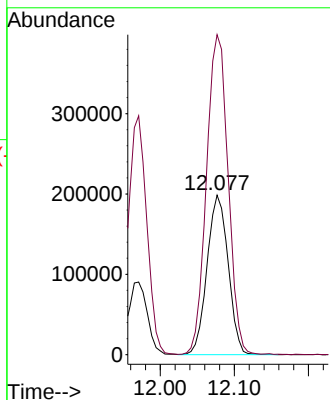


Tgt Ion:106 Resp: 392880
Ion Ratio Lower Upper
106 100
91 205.5 162.5 243.7

Manual Integrations
APPROVED

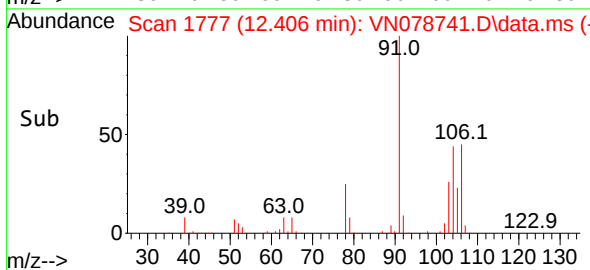
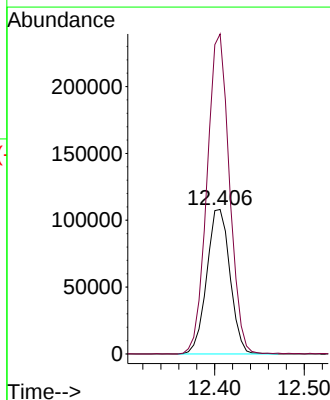
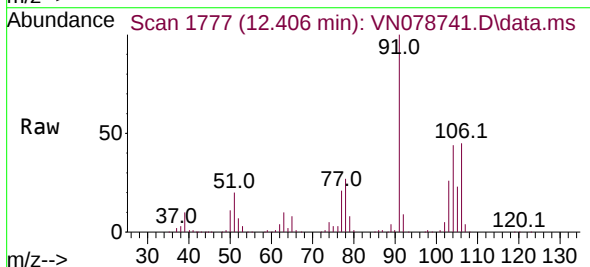
Reviewed By :John
Carlone
08/03/2023

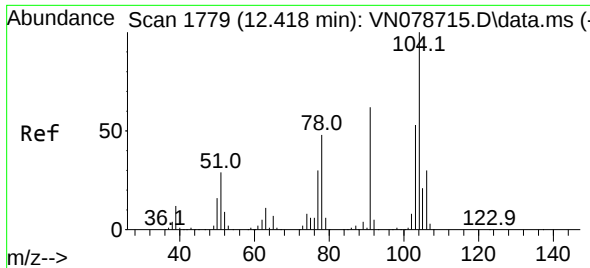
Supervised By :Semsettin
Yesilyurt
08/03/2023



#68
o-Xylene
Concen: 17.760 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Tgt Ion:106 Resp: 194404
Ion Ratio Lower Upper
106 100
91 213.8 106.1 318.3





#69
Styrene
Concen: 17.331 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

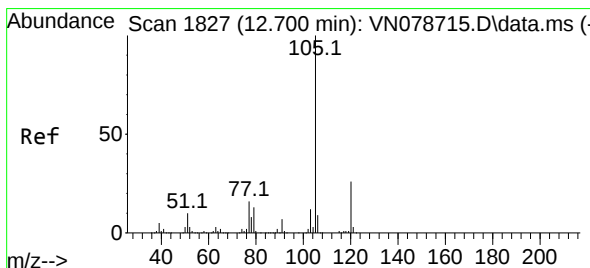
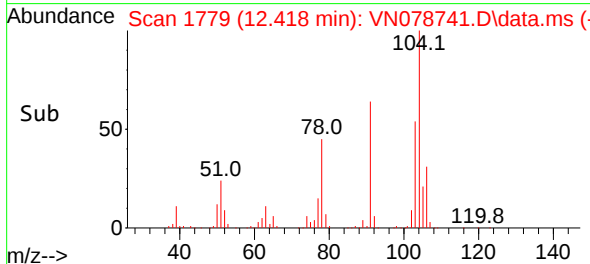
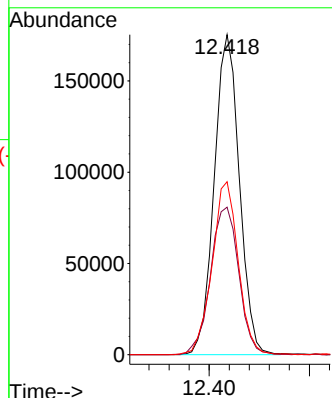
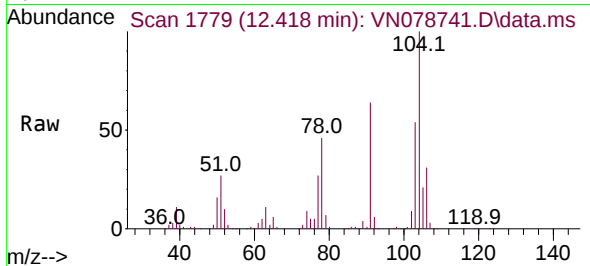
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 305239
Ion Ratio Lower Upper
104 100
78 51.9 40.1 60.1
103 56.2 45.1 67.7

Manual Integrations
APPROVED

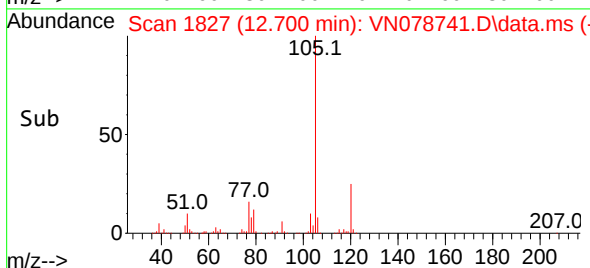
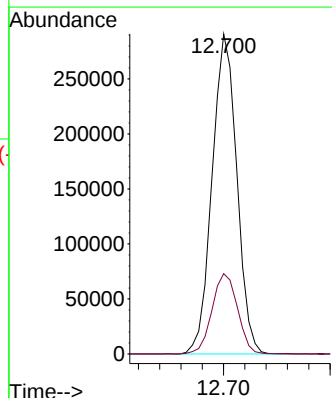
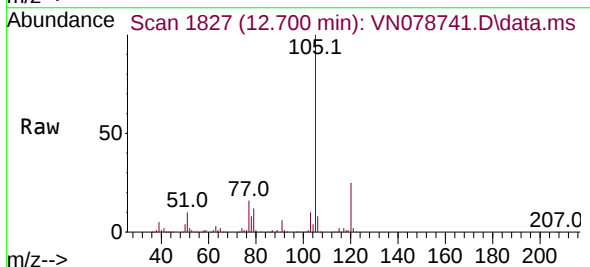
Reviewed By :John
Carlone
08/03/2023

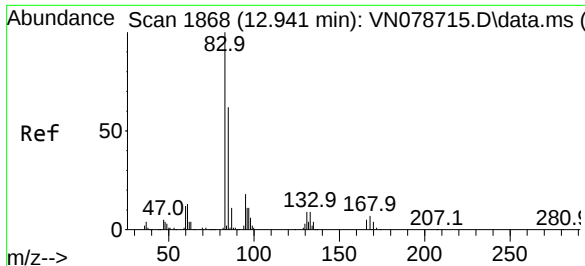
Supervised By :Semsettin
Yesilyurt
08/03/2023



#70
Isopropylbenzene
Concen: 17.281 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

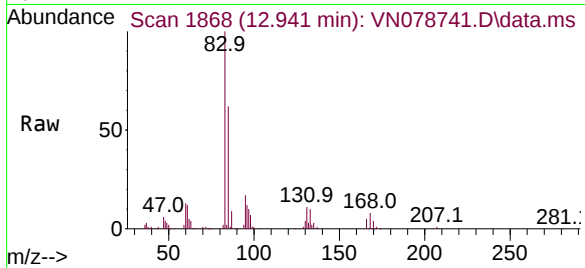
Tgt Ion:105 Resp: 467969
Ion Ratio Lower Upper
105 100
120 25.9 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 18.811 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

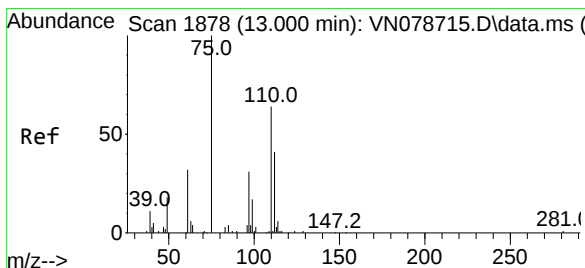
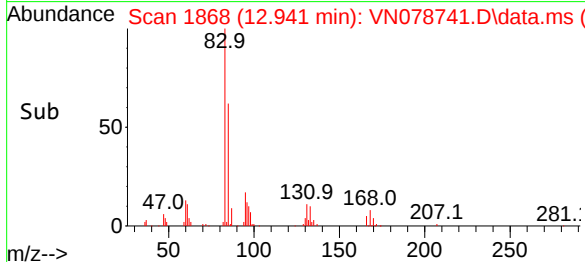
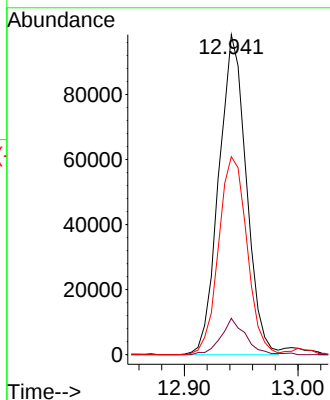


Tgt Ion: 83 Resp: 16546
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.4
85 63.9 32.6 98.0

Manual Integrations
APPROVED

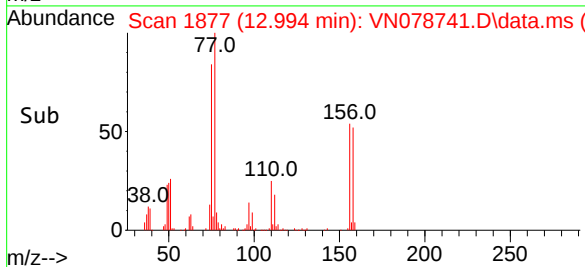
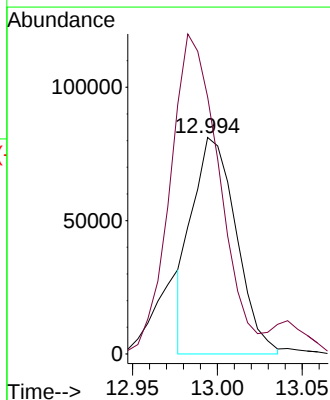
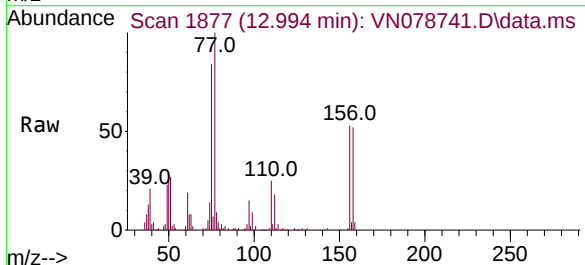
Reviewed By :John
Carlone
08/03/2023

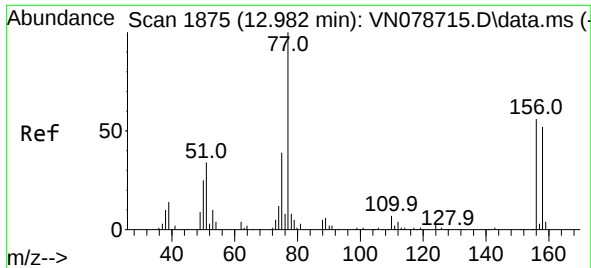
Supervised By :Semsettin
Yesilyurt
08/03/2023



#72
1,2,3-Trichloropropane
Concen: 19.854 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

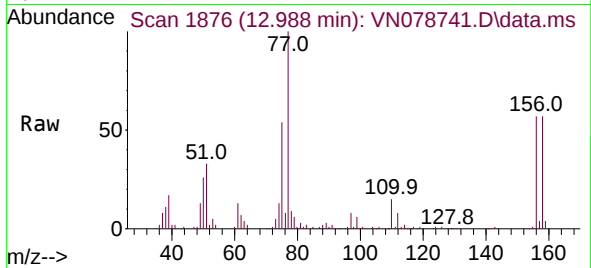
Tgt Ion: 75 Resp: 146508
Ion Ratio Lower Upper
75 100
77 164.7 0.0 387.4





#73
Bromobenzene
Concen: 17.841 ug/l
RT: 12.988 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

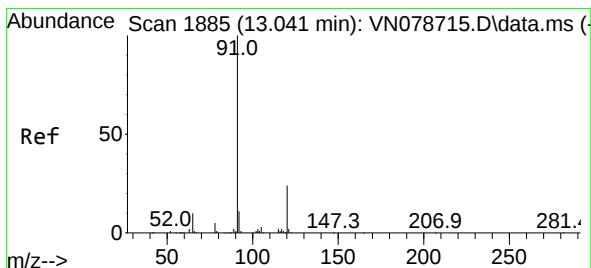
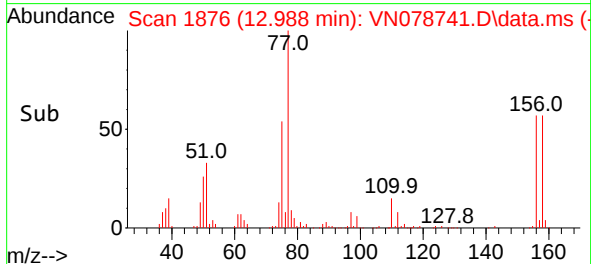
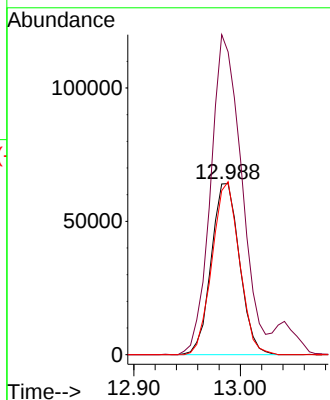


Tgt Ion:156 Resp: 118410
Ion Ratio Lower Upper
156 100
77 203.8 0.0 420.8
158 97.5 0.0 193.2

Manual Integrations
APPROVED

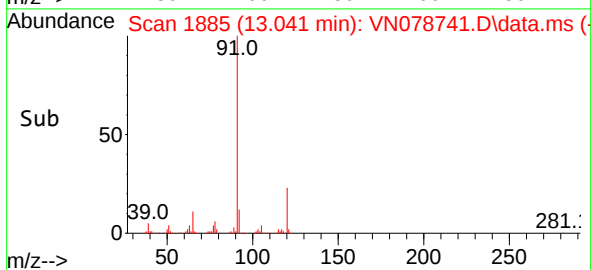
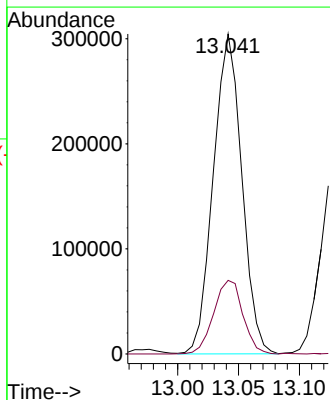
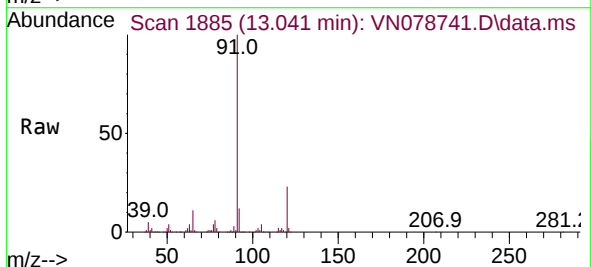
Reviewed By :John
Carlone
08/03/2023

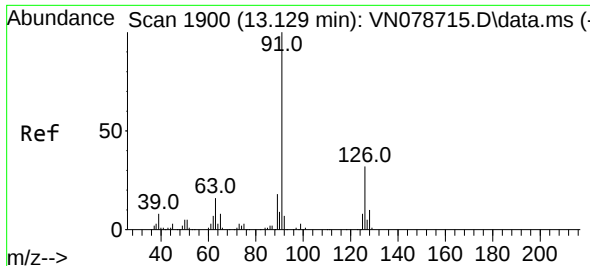
Supervised By :Semsettin
Yesilyurt
08/03/2023



#74
n-propylbenzene
Concen: 16.507 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Tgt Ion: 91 Resp: 495437
Ion Ratio Lower Upper
91 100
120 23.6 0.0 44.6





#75
2-Chlorotoluene
Concen: 15.852 ug/l
RT: 13.130 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

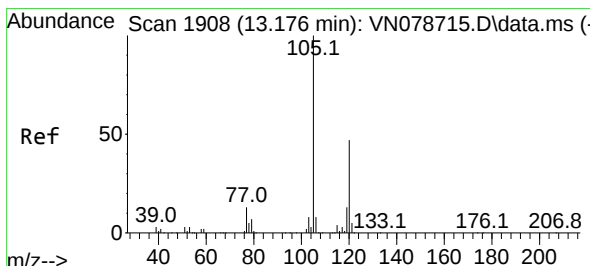
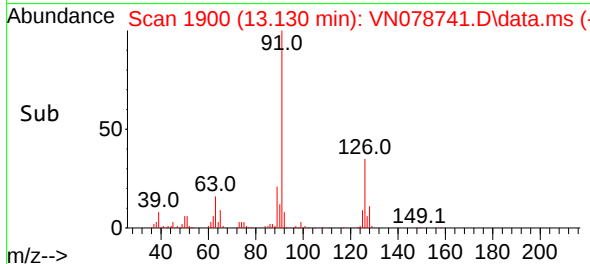
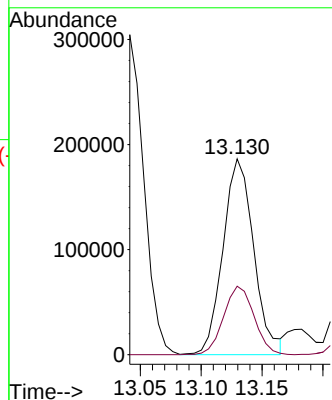
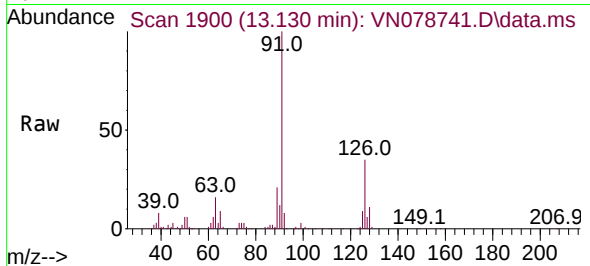
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 328580
Ion Ratio Lower Upper
91 100
126 34.5 0.0 67.2

Manual Integrations
APPROVED

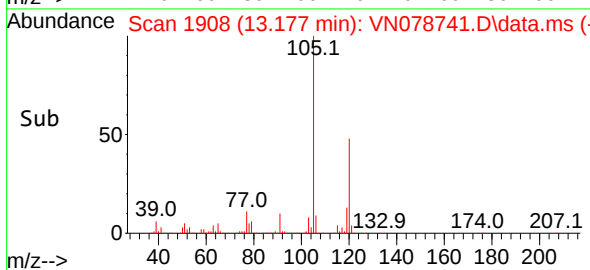
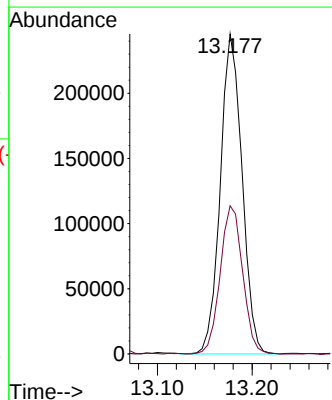
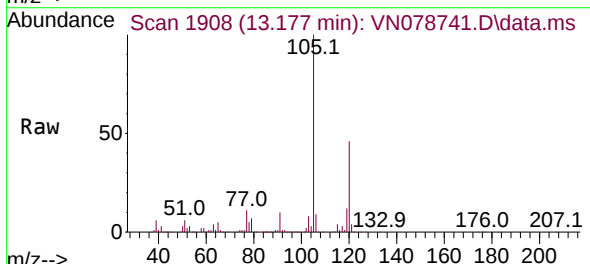
Reviewed By :John
Carlone
08/03/2023

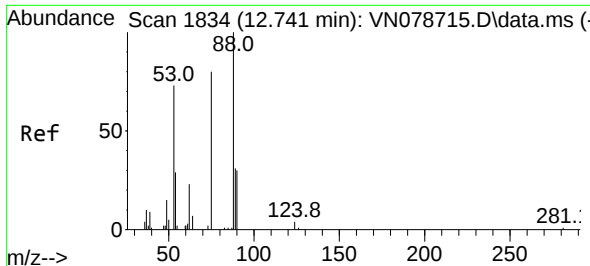
Supervised By :Semsettin
Yesilyurt
08/03/2023



#76
1,3,5-Trimethylbenzene
Concen: 16.202 ug/l
RT: 13.177 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

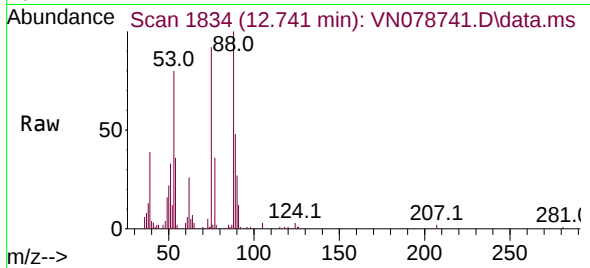
Tgt Ion:105 Resp: 391720
Ion Ratio Lower Upper
105 100
120 47.8 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 15.425 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

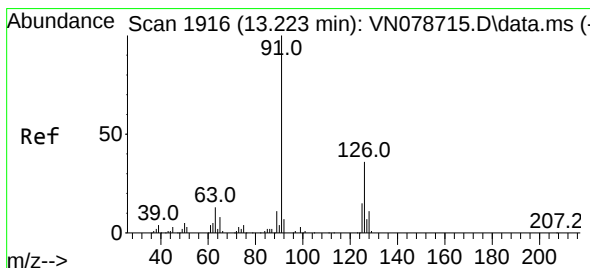
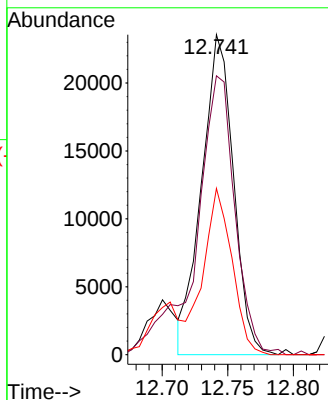
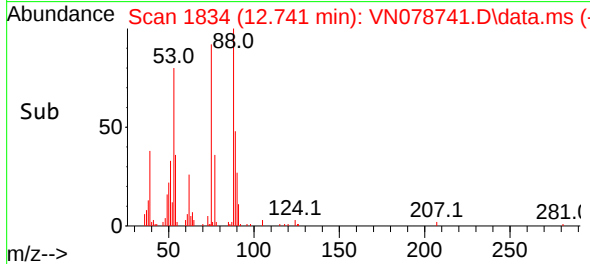


Tgt Ion: 75 Resp: 39780
Ion Ratio Lower Upper
75 100
53 85.5 41.6 124.9
89 52.0 25.1 75.4

Manual Integrations
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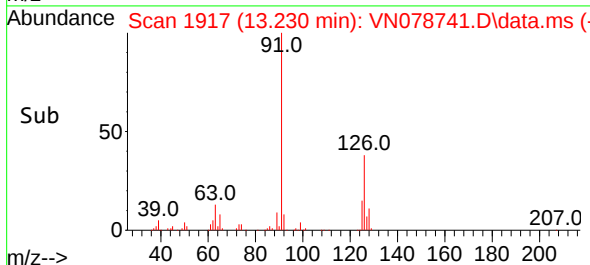
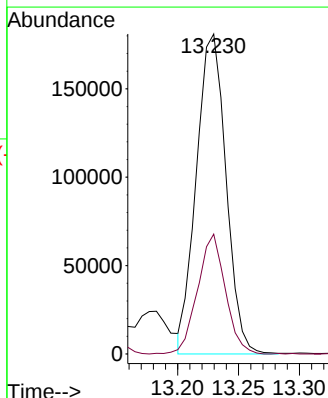
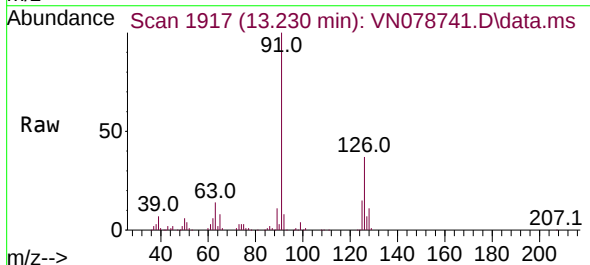
Reviewed By :John
Carlone
08/03/2023

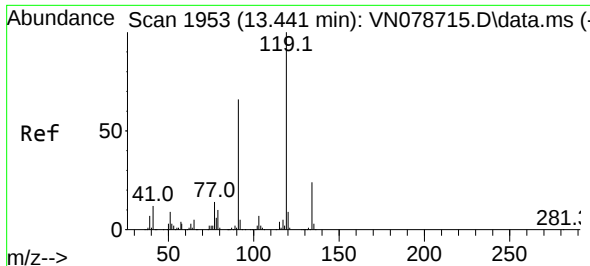
Supervised By :Semsetin
Yesilyurt
08/03/2023



#78
4-Chlorotoluene
Concen: 15.317 ug/l
RT: 13.230 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

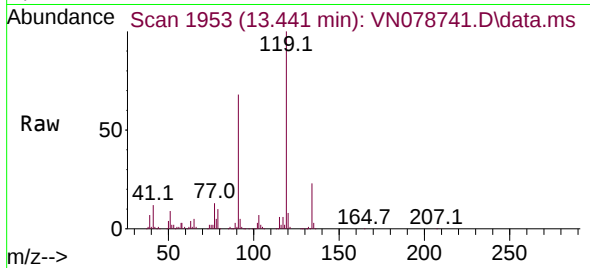
Tgt Ion: 91 Resp: 306549
Ion Ratio Lower Upper
91 100
126 35.0 0.0 68.8





#79
tert-butylbenzene
Concen: 15.607 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

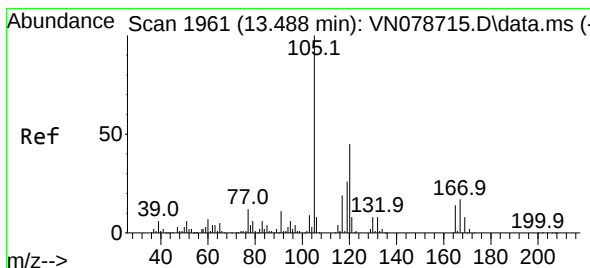
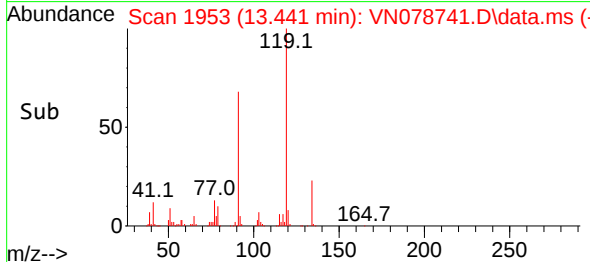
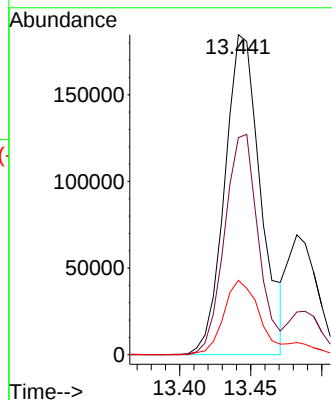


Tgt Ion:119 Resp: 324769
Ion Ratio Lower Upper
119 100
91 65.2 0.0 126.6
134 22.8 0.0 44.0

Manual Integrations
APPROVED

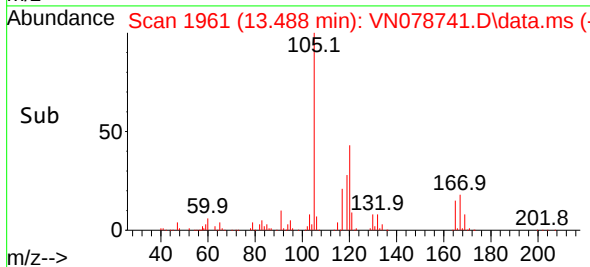
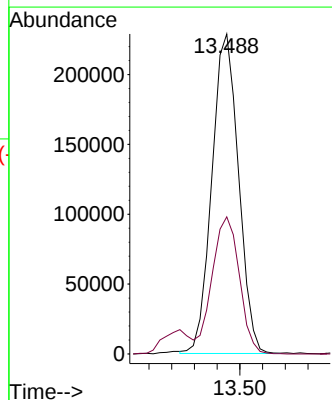
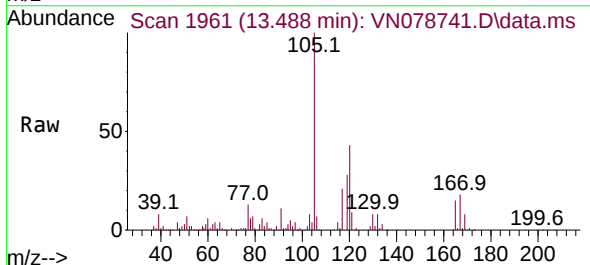
Reviewed By :John
Carlone
08/03/2023

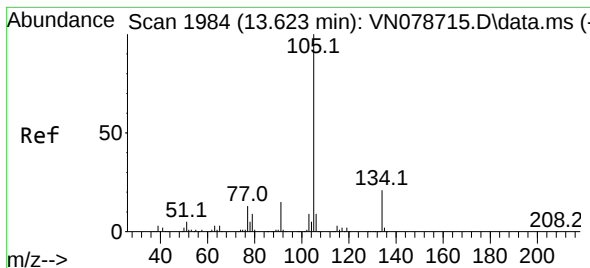
Supervised By :Semsettin
Yesilyurt
08/03/2023



#80
1,2,4-Trimethylbenzene
Concen: 16.144 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

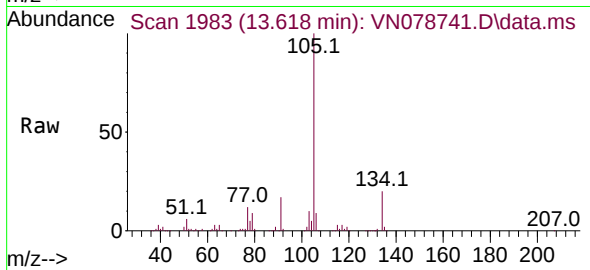
Tgt Ion:105 Resp: 372785
Ion Ratio Lower Upper
105 100
120 43.9 0.0 88.2





#81
 sec-Butylbenzene
 Concen: 14.751 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN078741.D
 Acq: 02 Aug 2023 20:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

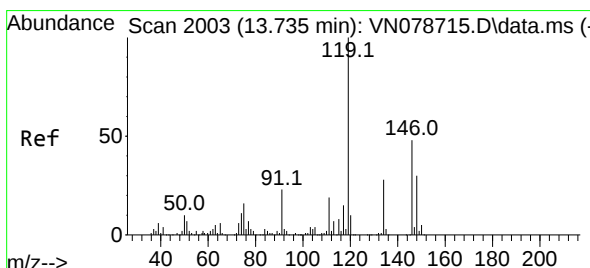
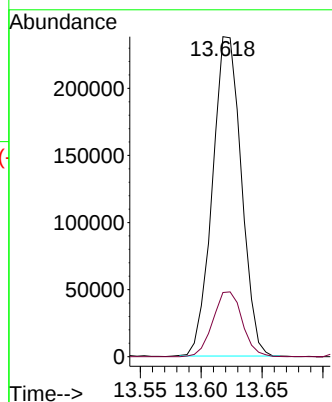
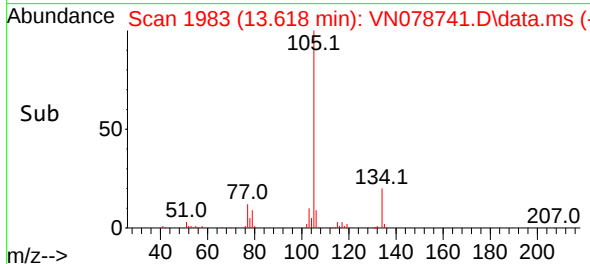


Tgt Ion:105 Resp: 393454
 Ion Ratio Lower Upper
 105 100
 134 20.7 0.0 38.6

Manual Integrations
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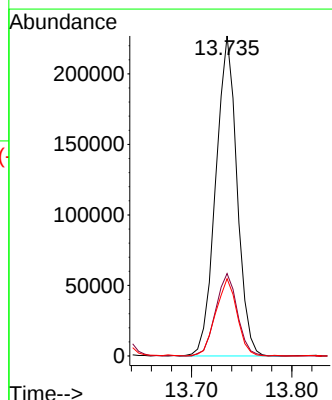
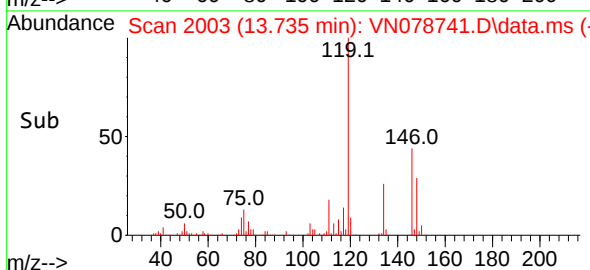
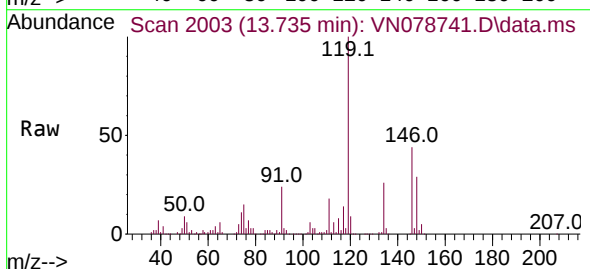
Reviewed By :John
 Carlone
 08/03/2023

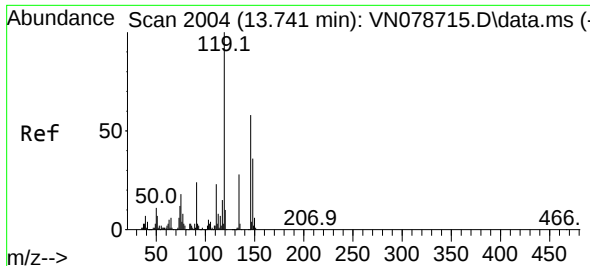
Supervised By :Semsettin
 Yesilyurt
 08/03/2023



#82
 p-Isopropyltoluene
 Concen: 15.221 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078741.D
 Acq: 02 Aug 2023 20:51

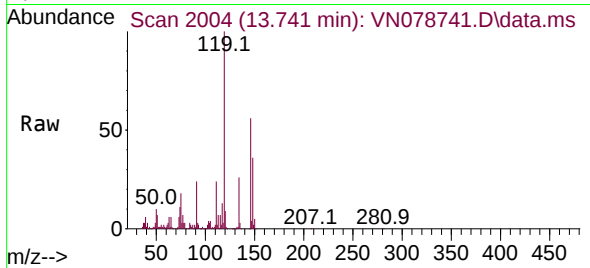
Tgt Ion:119 Resp: 333316
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.4
 91 24.2 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 15.557 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

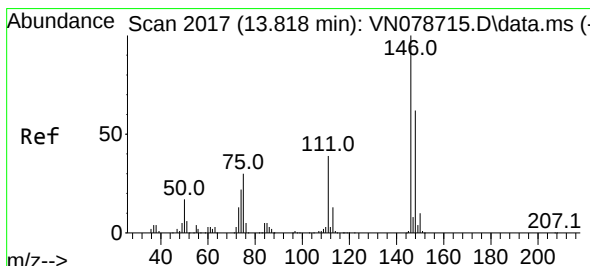
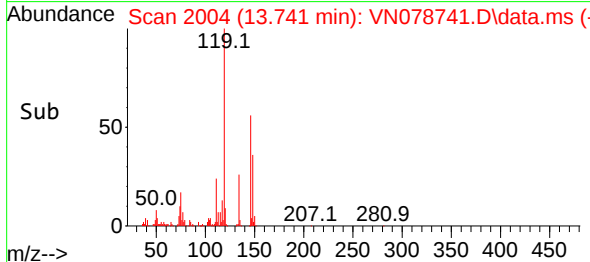
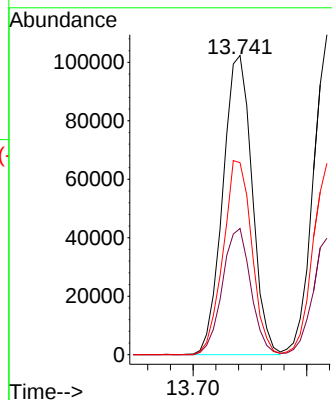


Tgt Ion:146 Resp: 183109
Ion Ratio Lower Upper
146 100
111 41.0 21.6 64.6
148 63.5 31.9 95.5

Manual Integrations
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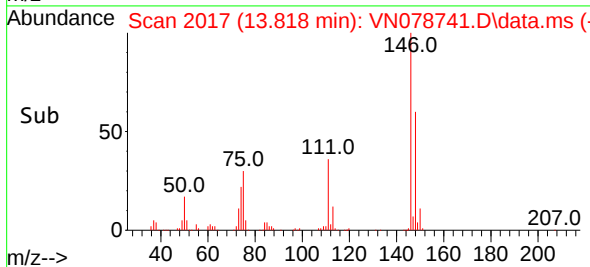
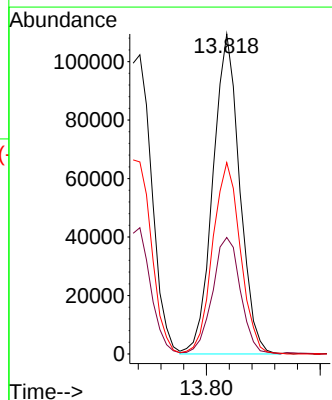
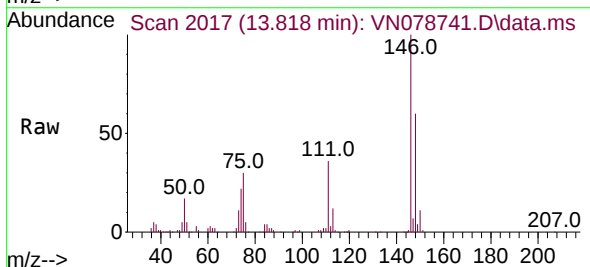
Reviewed By :John
Carlone
08/03/2023

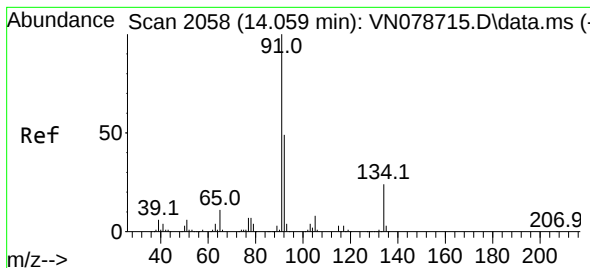
Supervised By :Semsettin
Yesilyurt
08/03/2023



#84
1,4-Dichlorobenzene
Concen: 16.241 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

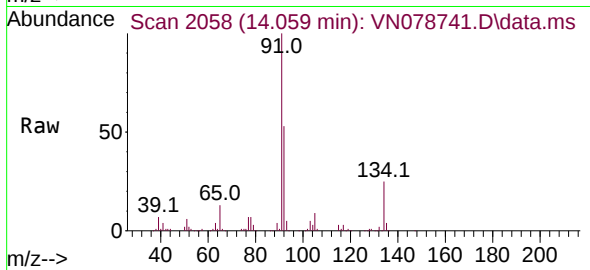
Tgt Ion:146 Resp: 178962
Ion Ratio Lower Upper
146 100
111 38.1 19.4 58.2
148 62.0 31.4 94.3





#85
n-Butylbenzene
Concen: 14.592 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

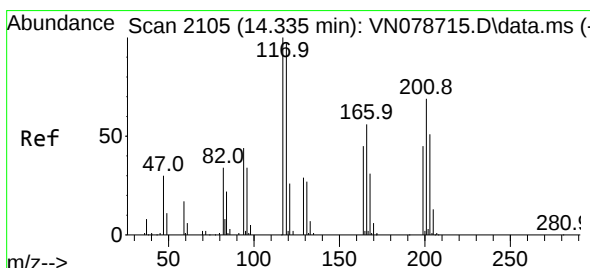
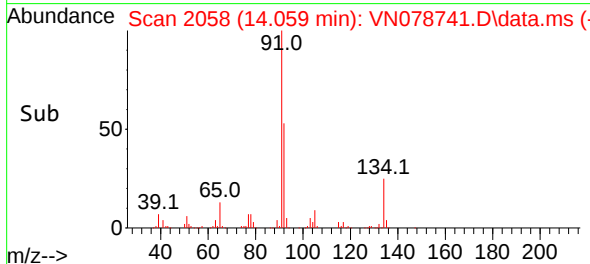
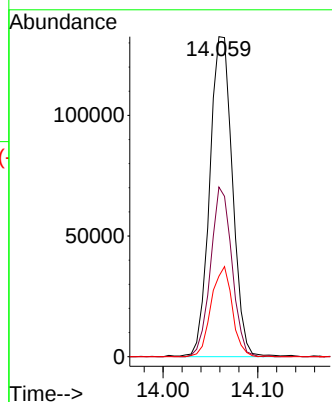


Tgt Ion: 91 Resp: 221579
Ion Ratio Lower Upper
91 100
92 49.6 0.0 99.6
134 26.1 0.0 50.0

Manual Integrations
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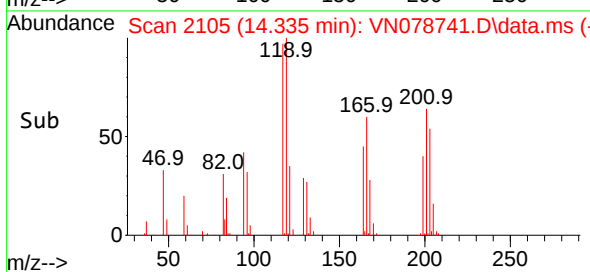
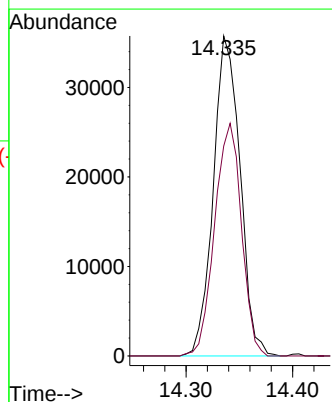
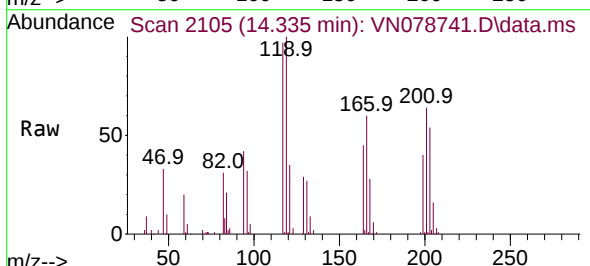
Reviewed By :John
Carlone
08/03/2023

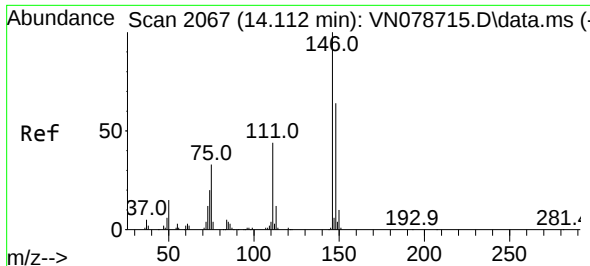
Supervised By :Semsettin
Yesilyurt
08/03/2023



#86
Hexachloroethane
Concen: 15.635 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Tgt Ion:117 Resp: 62379
Ion Ratio Lower Upper
117 100
201 72.8 34.2 102.6





#87

1,2-Dichlorobenzene

Concen: 16.916 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN078741.D

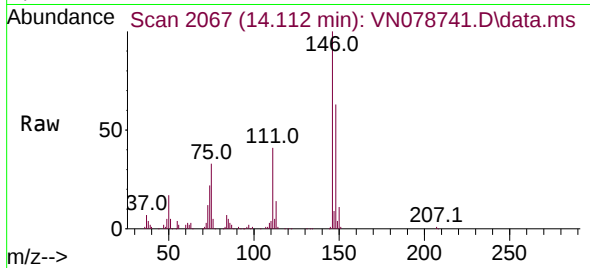
Acq: 02 Aug 2023 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion:	146	Resp:	18634
Ion Ratio	Lower	Upper	
146	100		
111	41.9	22.4	67.3
148	63.0	33.4	100.1

Manual Integrations

APPROVED

Reviewed By :John

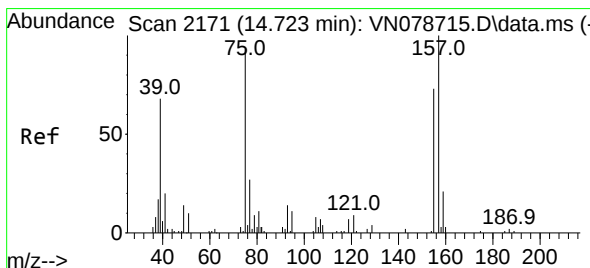
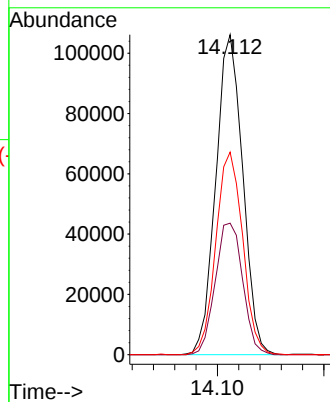
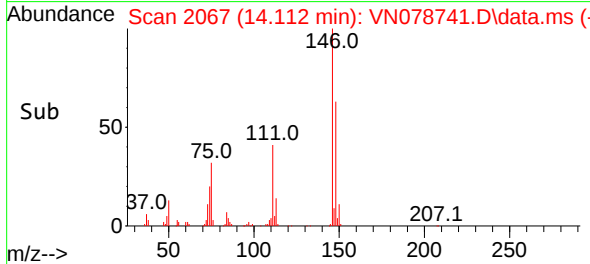
Carlone

08/03/2023

Supervised By :Semsettin

Yesilyurt

08/03/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.334 ug/l

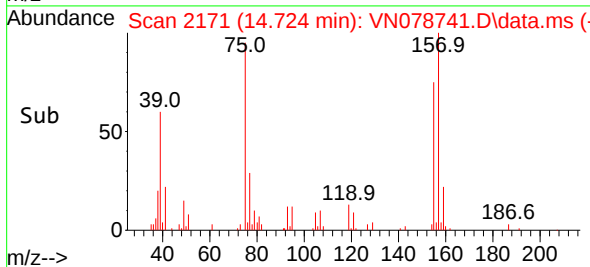
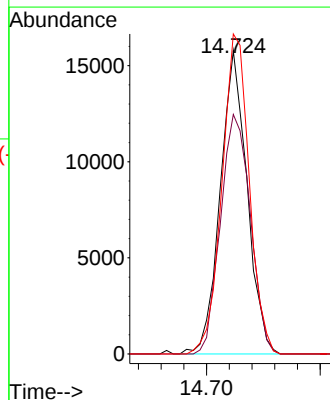
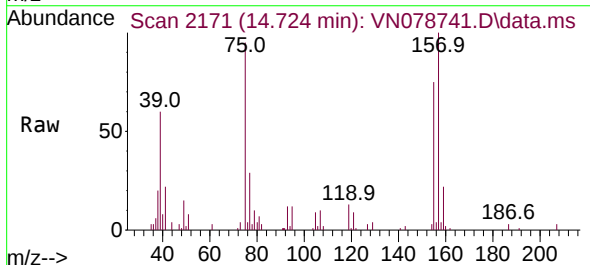
RT: 14.724 min Scan# 2171

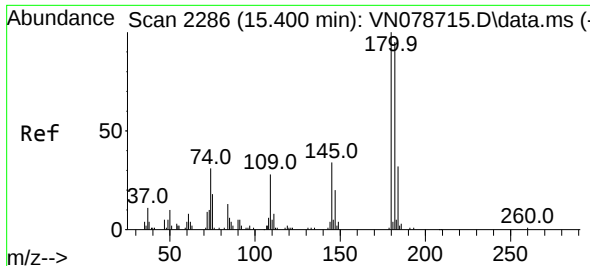
Delta R.T. 0.000 min

Lab File: VN078741.D

Acq: 02 Aug 2023 20:51

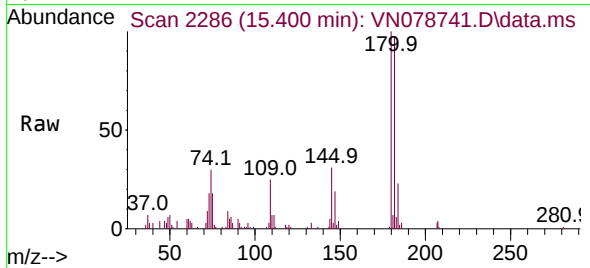
Tgt Ion:	75	Resp:	25894
Ion Ratio	Lower	Upper	
75	100		
155	87.6	68.2	102.2
157	107.2	84.7	127.1





#89
1,2,4-Trichlorobenzene
Concen: 14.231 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

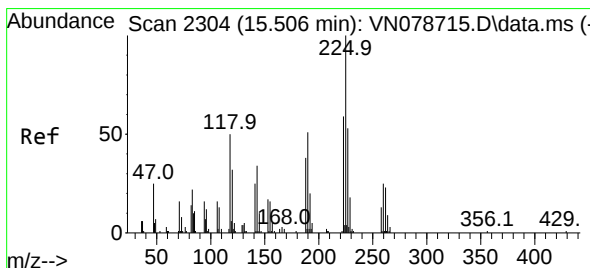
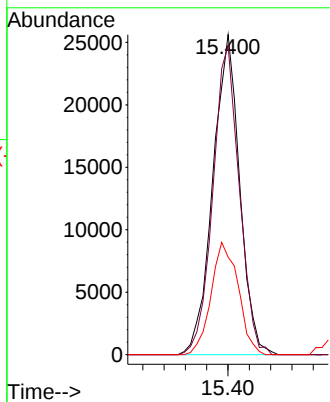
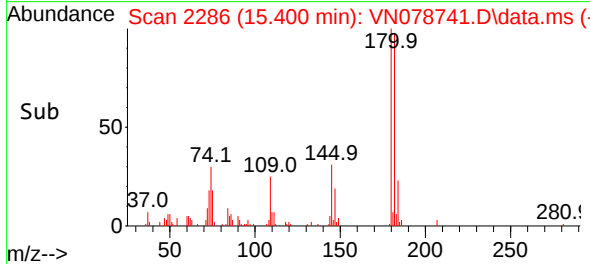


Tgt Ion:180 Resp: 44720
Ion Ratio Lower Upper
180 100
182 95.0 73.7 110.5
145 35.5 25.0 37.6

Manual Integrations
APPROVED

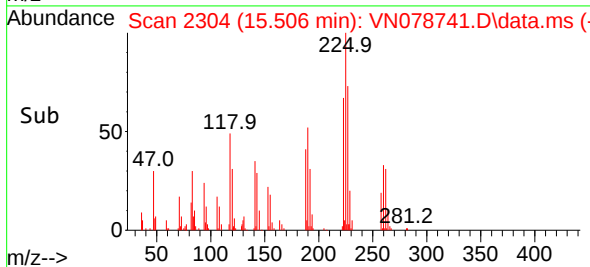
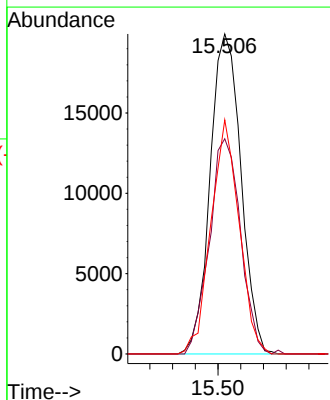
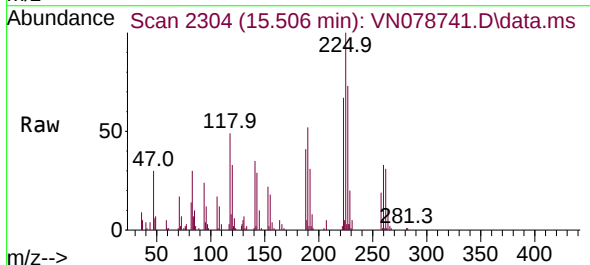
Reviewed By :John
Carlone
08/03/2023

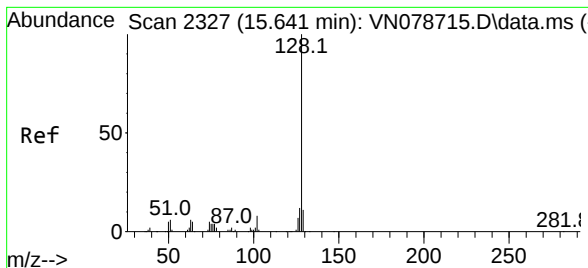
Supervised By :Semsettin
Yesilyurt
08/03/2023



#90
Hexachlorobutadiene
Concen: 15.692 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

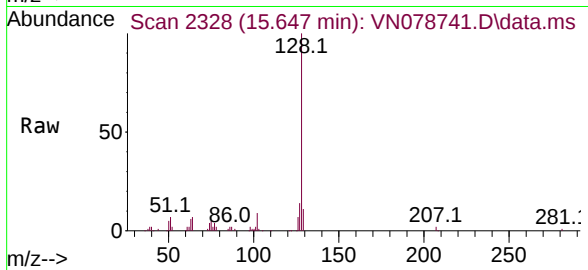
Tgt Ion:225 Resp: 37573
Ion Ratio Lower Upper
225 100
223 67.8 0.0 130.0
227 67.1 0.0 124.0





#91
Naphthalene
Concen: 13.659 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

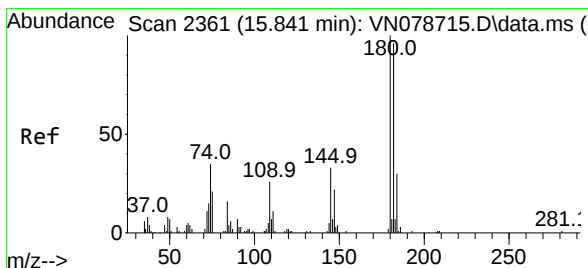
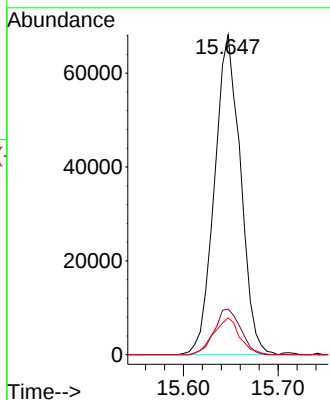
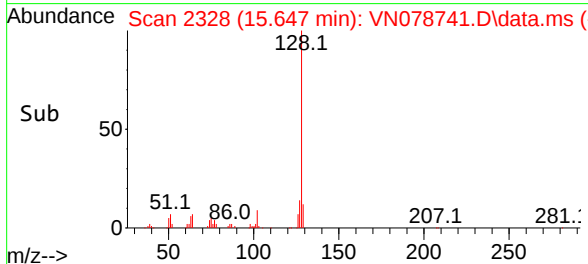


Tgt Ion:128 Resp: 13005
Ion Ratio Lower Upper
128 100
127 14.5 10.2 15.2
129 11.5 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone
08/03/2023

Supervised By :Semsettin
Yesilyurt
08/03/2023



#92
1,2,3-Trichlorobenzene
Concen: 16.081 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN078741.D
Acq: 02 Aug 2023 20:51

Tgt Ion:180 Resp: 57519
Ion Ratio Lower Upper
180 100
182 93.5 0.0 196.4
145 32.9 0.0 71.0

