

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071323\
 Data File : VN078488.D
 Acq On : 13 Jul 2023 10:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 14 01:28:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/14/2023
 Supervised By : Semsettin Yesilyurt 07/14/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	463183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	772138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	686402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	291547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	315628	50.830	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.660%			
35) Dibromofluoromethane	8.171	113	282306	53.860	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.720%			
50) Toluene-d8	10.576	98	1049464	53.001	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.000%			
62) 4-Bromofluorobenzene	12.853	95	331851	54.410	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	254080	44.741	ug/l	97
3) Chloromethane	2.371	50	302708	49.042	ug/l	99
4) Vinyl Chloride	2.518	62	388376	48.640	ug/l	98
5) Bromomethane	2.947	94	255102	50.568	ug/l	99
6) Chloroethane	3.118	64	256452	53.219	ug/l	99
7) Trichlorofluoromethane	3.500	101	457679	47.951	ug/l	99
8) Diethyl Ether	3.971	74	152316	47.897	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.377	101	249906	49.461	ug/l	97
10) Methyl Iodide	4.594	142	346130	49.853	ug/l	97
11) Tert butyl alcohol	5.536	59	237838	248.390	ug/l	100
12) 1,1-Dichloroethene	4.347	96	239773	49.059	ug/l	92
13) Acrolein	4.189	56	220165	233.704	ug/l	96
14) Allyl chloride	5.030	41	298750	44.734	ug/l	91
15) Acrylonitrile	5.730	53	611877	252.917	ug/l	98
16) Acetone	4.436	43	509104	263.205	ug/l	93
17) Carbon Disulfide	4.712	76	628496	44.471	ug/l	97
18) Methyl Acetate	5.036	43	402968	49.214	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	796962	49.491	ug/l	95
20) Methylene Chloride	5.283	84	288183	51.990	ug/l	96
21) trans-1,2-Dichloroethene	5.794	96	270913	49.189	ug/l	85
22) Diisopropyl ether	6.683	45	778280	52.045	ug/l	96
23) Vinyl Acetate	6.612	43	2445725	257.263	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	494929	49.118	ug/l	99
25) 2-Butanone	7.494	43	804945	264.370	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	419061	50.848	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	312331	49.022	ug/l	91
28) Bromochloromethane	7.824	49	241148	50.811	ug/l	92
29) Tetrahydrofuran	7.847	42	515230	257.889	ug/l #	85
30) Chloroform	7.971	83	544059	51.862	ug/l	89
31) Cyclohexane	8.265	56	394898	47.058	ug/l	88
32) 1,1,1-Trichloroethane	8.177	97	480155	51.051	ug/l	97
36) 1,1-Dichloropropene	8.377	75	395006	52.192	ug/l	98
37) Ethyl Acetate	7.571	43	311321	49.345	ug/l	94
38) Carbon Tetrachloride	8.371	117	425405	51.718	ug/l	98
39) Methylcyclohexane	9.606	83	366459	53.046	ug/l	94
40) Benzene	8.612	78	1171125	52.232	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	163158	50.729	ug/l	94
42) 1,2-Dichloroethane	8.682	62	395441	51.851	ug/l	99
43) Isopropyl Acetate	8.694	43	555132	53.444	ug/l	95
44) Trichloroethene	9.359	130	302947	50.131	ug/l	95
45) 1,2-Dichloropropane	9.629	63	300385	52.896	ug/l	95
46) Dibromomethane	9.718	93	215372	53.885	ug/l	94
47) Bromodichloromethane	9.894	83	427326	53.335	ug/l	100
48) Methyl methacrylate	9.688	41	254274	52.839	ug/l	91
49) 1,4-Dioxane	9.700	88	111035	1058.028	ug/l	91
51) 4-Methyl-2-Pentanone	10.453	43	1703809	275.772	ug/l	94
52) Toluene	10.635	92	750949	54.039	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	448851	54.684	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	486261	55.577	ug/l	97
55) 1,1,2-Trichloroethane	11.023	97	290297	53.021	ug/l	96
56) Ethyl methacrylate	10.882	69	433682	56.664	ug/l	91
57) 1,3-Dichloropropane	11.171	76	491222	52.766	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	757721	277.805	ug/l	93
59) 2-Hexanone	11.200	43	1212356	276.100	ug/l	94
60) Dibromochloromethane	11.365	129	331782	54.891	ug/l	99
61) 1,2-Dibromoethane	11.476	107	295411	52.377	ug/l	100
64) Tetrachloroethene	11.112	164	275087	53.306	ug/l	96
65) Chlorobenzene	11.900	112	785438	51.193	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	308147	52.208	ug/l	97
67) Ethyl Benzene	11.970	91	1415625	54.585	ug/l	98
68) m/p-Xylenes	12.076	106	1078076	112.432	ug/l	99
69) o-Xylene	12.406	106	518768	53.564	ug/l	97
70) Styrene	12.417	104	857843	56.616	ug/l	98
71) Bromoform	12.582	173	216455	54.149	ug/l #	98
73) Isopropylbenzene	12.700	105	1308169	47.752	ug/l	99
74) N-amyl acetate	12.500	43	432244	45.785	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	412061	54.108	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	337197m	47.849	ug/l	
77) Bromobenzene	12.988	156	310850	52.247	ug/l	96
78) n-propylbenzene	13.041	91	1477247	50.422	ug/l	100
79) 2-Chlorotoluene	13.129	91	923811	48.140	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	1062579	49.090	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	129630	48.338	ug/l	94
82) 4-Chlorotoluene	13.229	91	880634	49.192	ug/l	98
83) tert-Butylbenzene	13.447	119	881688	47.977	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1045626	49.733	ug/l	97
85) sec-Butylbenzene	13.623	105	1139182	49.042	ug/l	99
86) p-Isopropyltoluene	13.735	119	939396	50.365	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	531499	50.538	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	516756	48.783	ug/l	99
89) n-Butylbenzene	14.064	91	685180	51.342	ug/l	98
90) Hexachloroethane	14.341	117	180265	52.626	ug/l	84
91) 1,2-Dichlorobenzene	14.111	146	510677	48.793	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	65764	50.150	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	167310	50.089	ug/l	98
94) Hexachlorobutadiene	15.506	225	90011	52.279	ug/l	99
95) Naphthalene	15.647	128	490887	42.987	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	177925	46.325	ug/l	96

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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

VSTDCCC050

Manual Integrations

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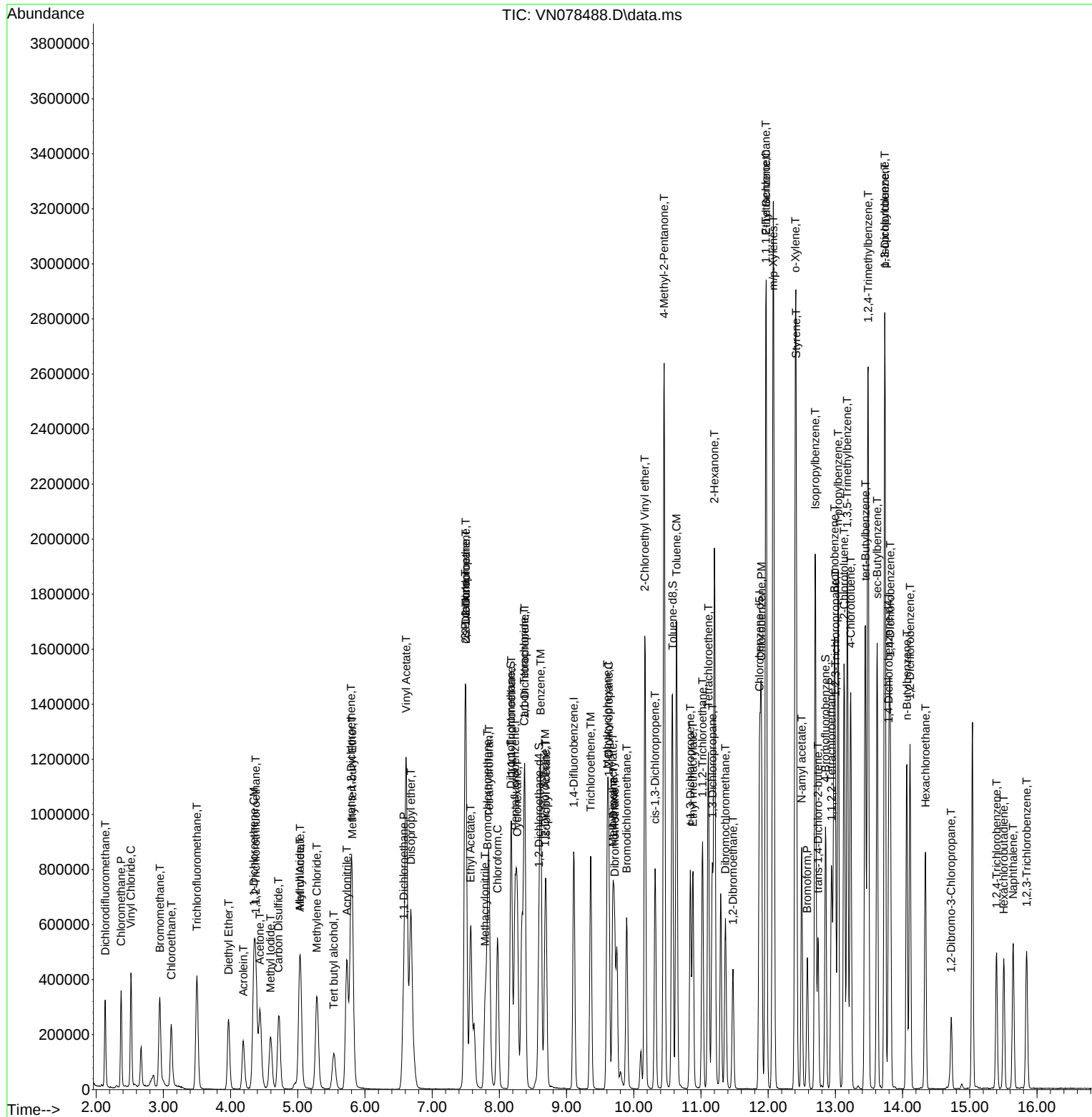
Quant Time: Jul 14 01:28:22 2023

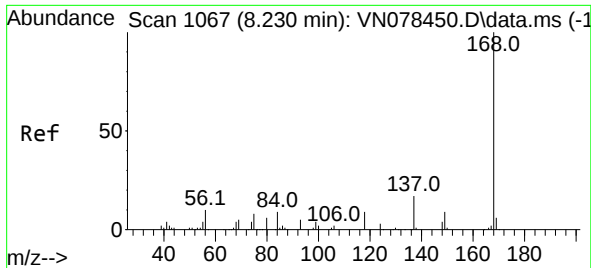
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Quant Title : SW846 8260

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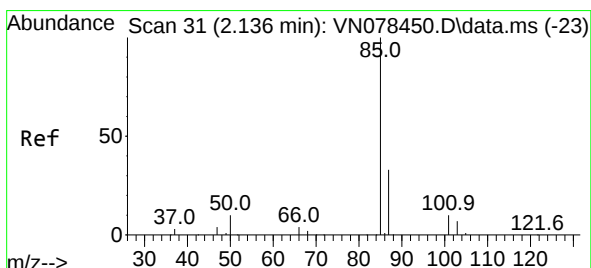
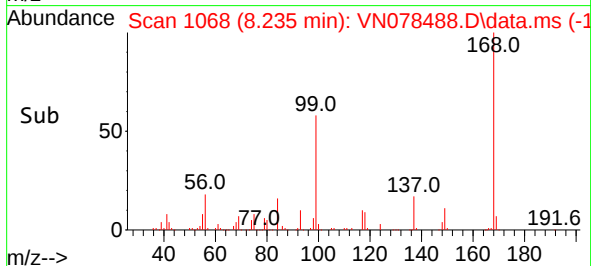
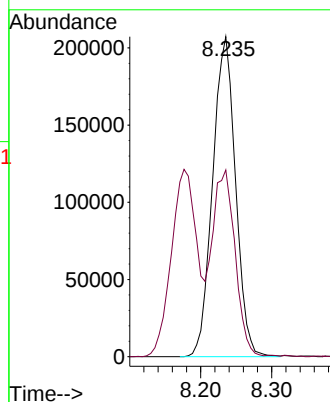
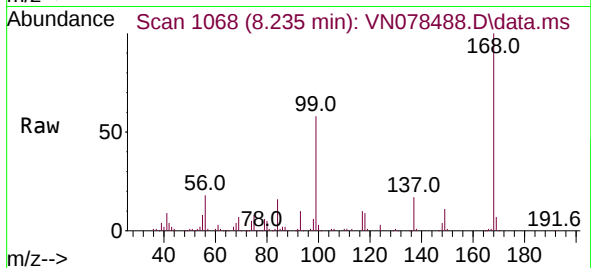
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 46318
Ion Ratio Lower Upper
168 100
99 58.2 53.0 79.6

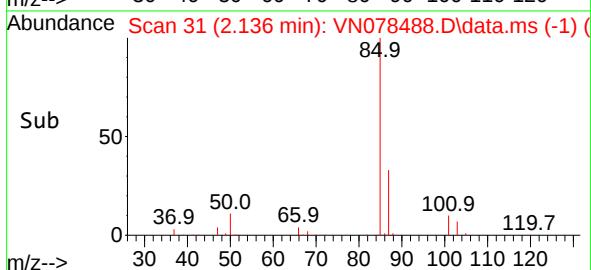
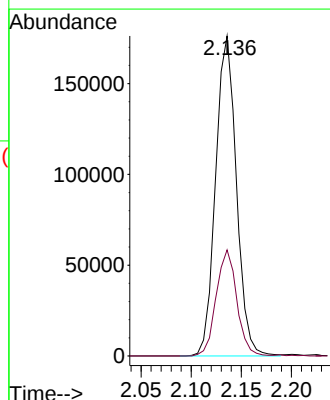
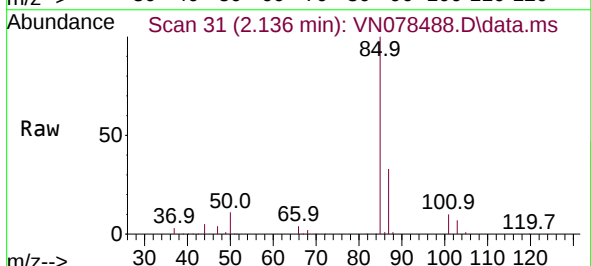
Manual Integrations
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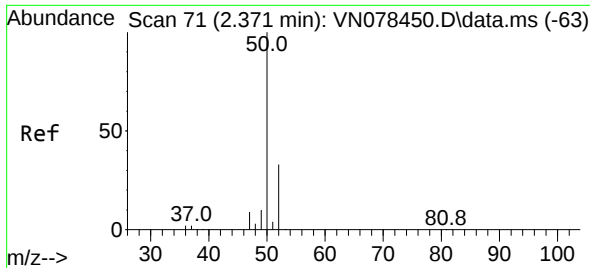
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#2
Dichlorodifluoromethane
Concen: 44.741 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

Tgt Ion: 85 Resp: 254080
Ion Ratio Lower Upper
85 100
87 33.1 15.8 47.4





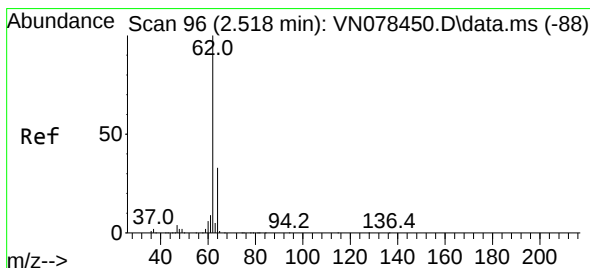
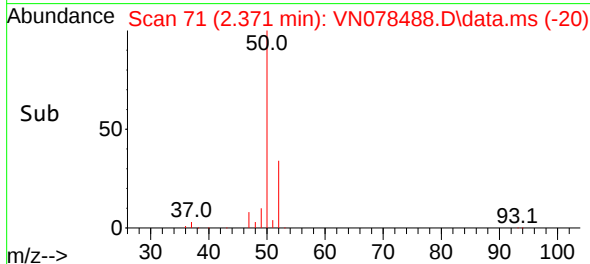
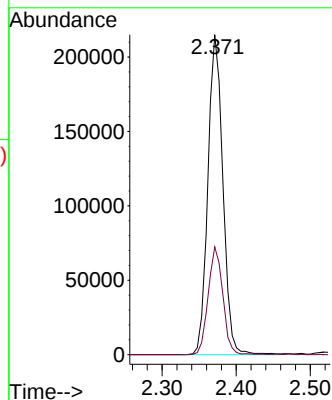
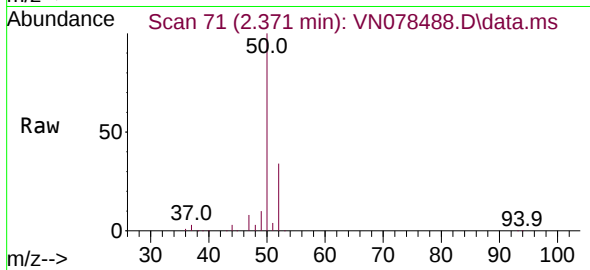
#3
Chloromethane
Concen: 49.042 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 302708
Ion Ratio Lower Upper
50 100
52 33.7 26.5 39.7

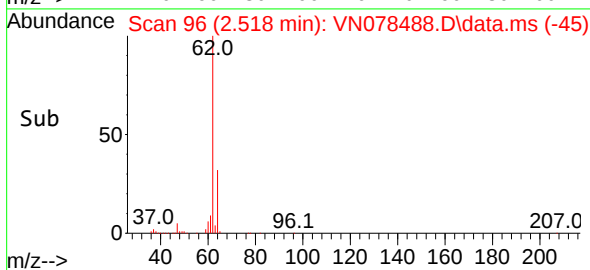
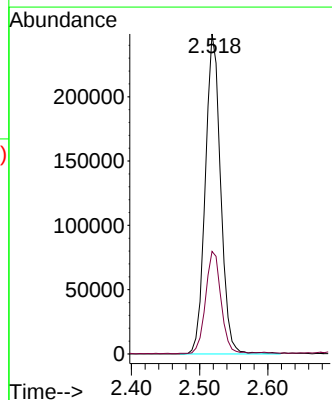
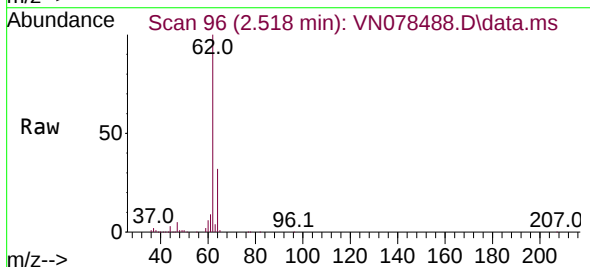
Manual Integrations
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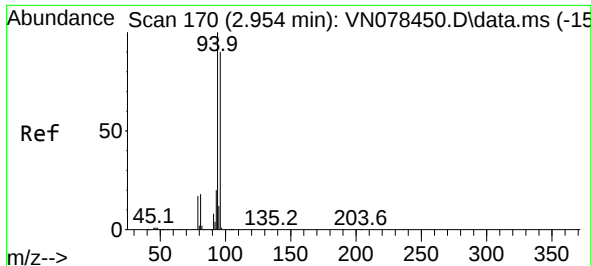
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#4
Vinyl Chloride
Concen: 48.640 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

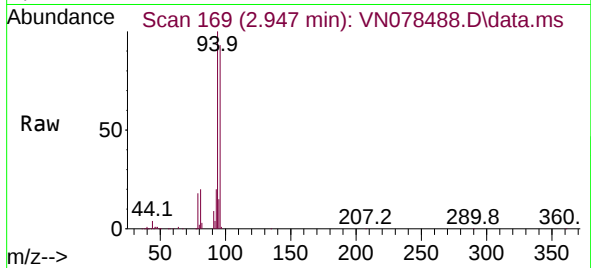
Tgt Ion: 62 Resp: 388376
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.2





#5
Bromomethane
Concen: 50.568 ug/l
RT: 2.947 min Scan# 170
Delta R.T. -0.007 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

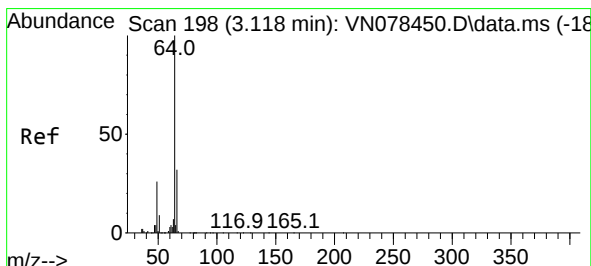
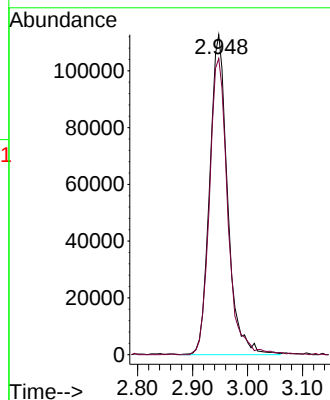
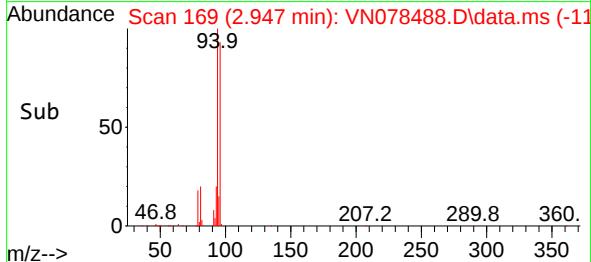
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Tgt Ion: 94 Resp: 25510
Ion Ratio Lower Upper
94 100
96 92.5 73.1 109.7

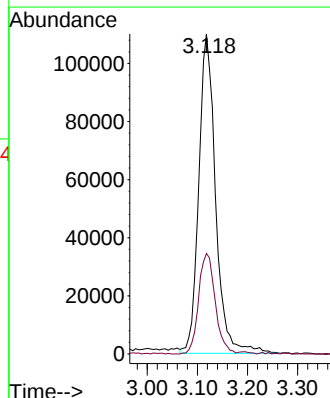
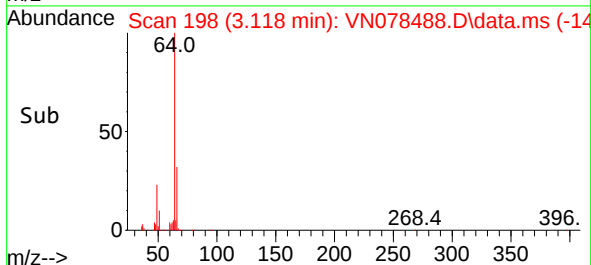
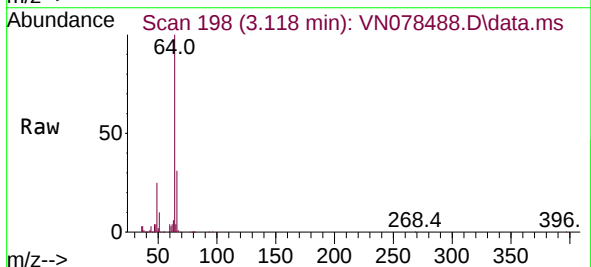
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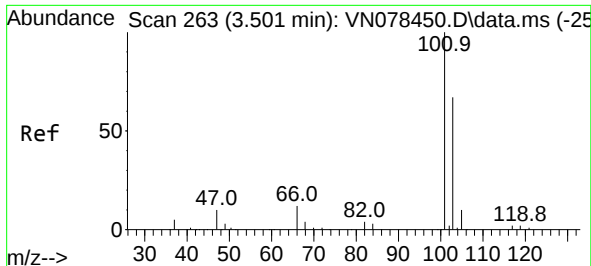
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#6
Chloroethane
Concen: 53.219 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

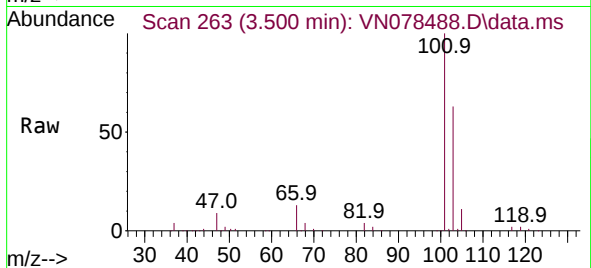
Tgt Ion: 64 Resp: 256452
Ion Ratio Lower Upper
64 100
66 31.5 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 47.951 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.001 min
 Lab File: VN078488.D
 Acq: 13 Jul 2023 10:33

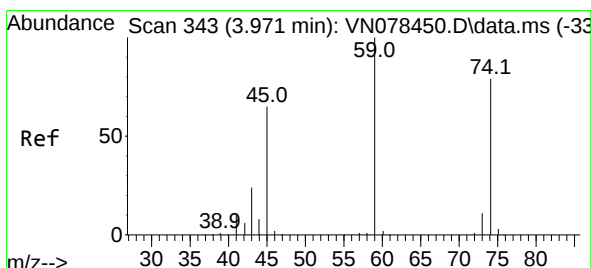
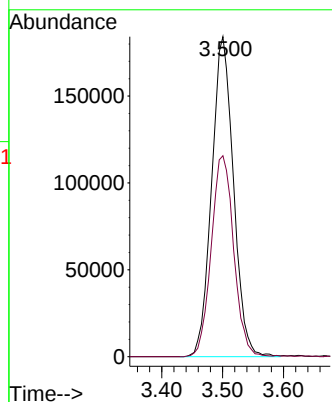
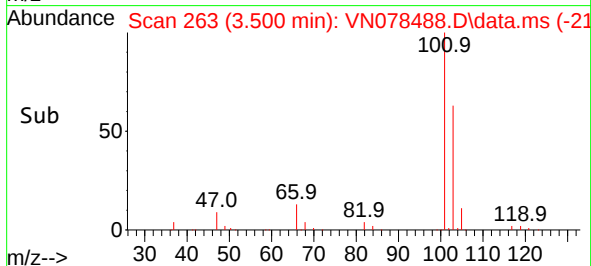
Instrument :
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Tgt Ion:101 Resp: 457679
 Ion Ratio Lower Upper
 101 100
 103 62.8 50.7 76.1

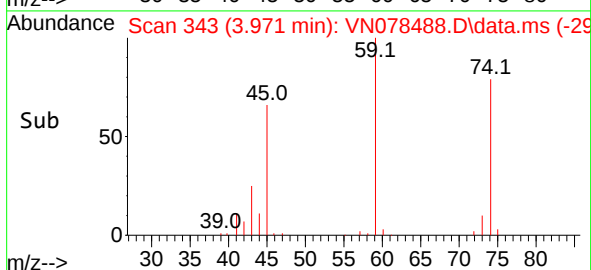
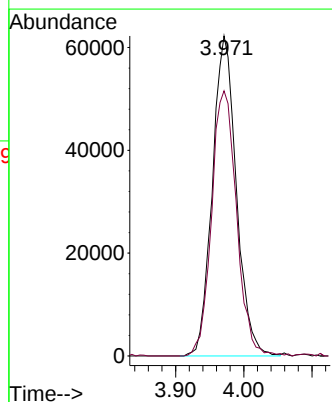
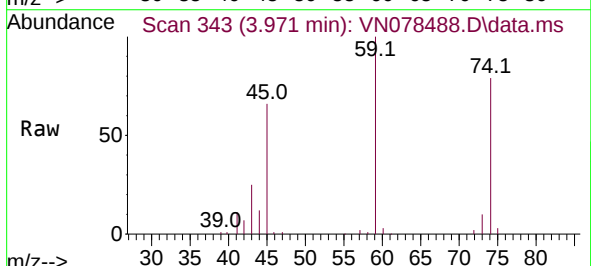
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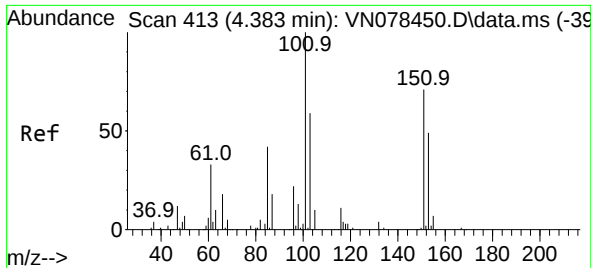
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023



#8
 Diethyl Ether
 Concen: 47.897 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. -0.000 min
 Lab File: VN078488.D
 Acq: 13 Jul 2023 10:33

Tgt Ion: 74 Resp: 152316
 Ion Ratio Lower Upper
 74 100
 45 86.3 34.4 103.3





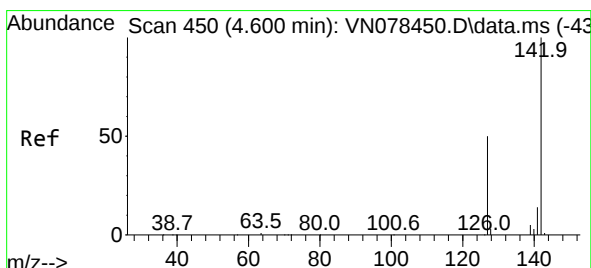
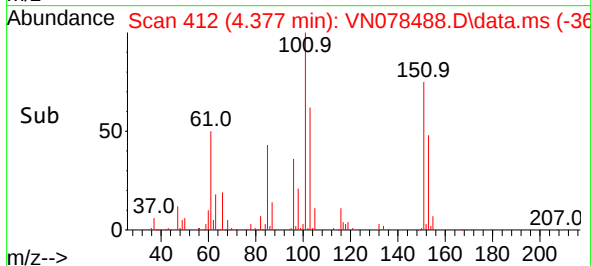
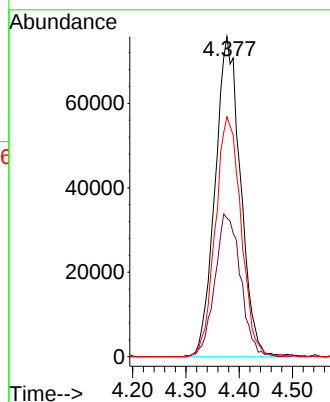
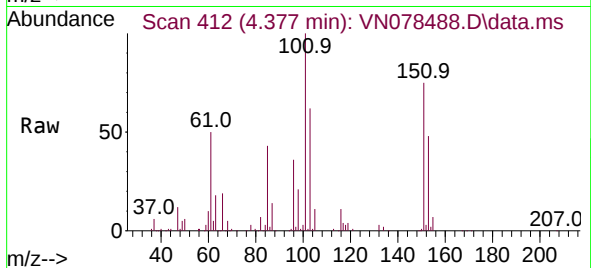
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.461 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 249900
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 76.0 57.6 86.4

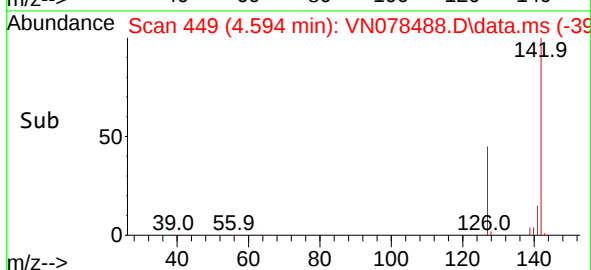
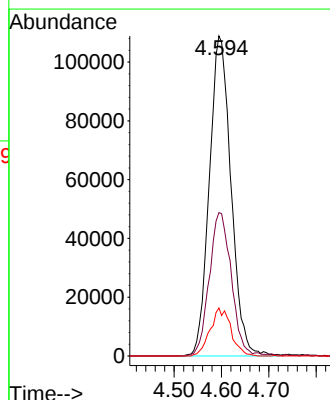
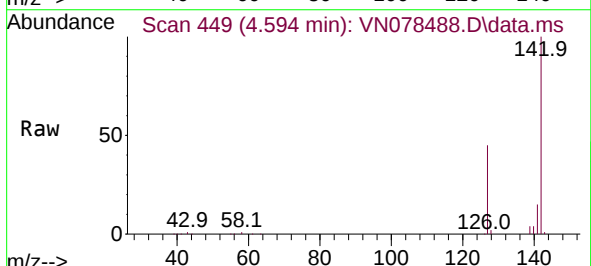
Manual Integrations
APPROVED

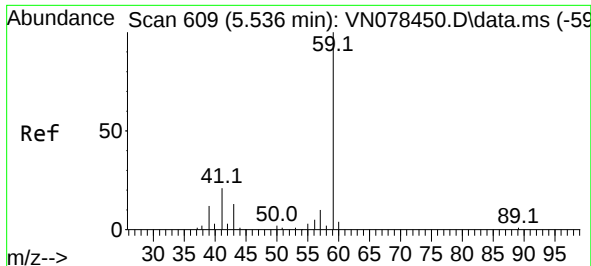
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#10
Methyl Iodide
Concen: 49.853 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

Tgt Ion:142 Resp: 346130
Ion Ratio Lower Upper
142 100
127 44.8 37.6 56.4
141 15.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 248.390 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

Instrument :

MSVOA_N

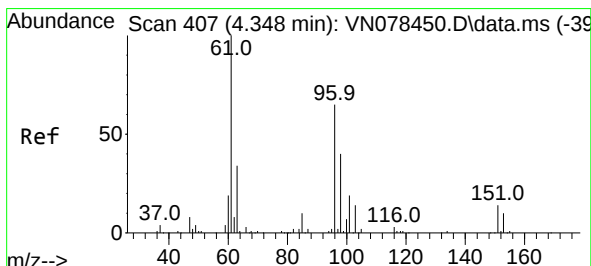
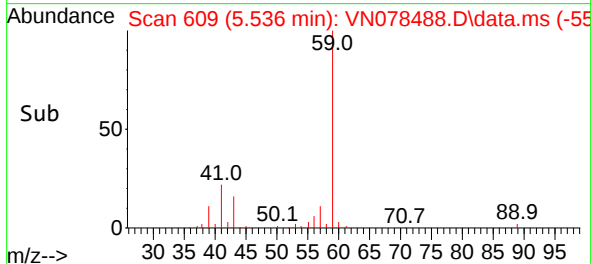
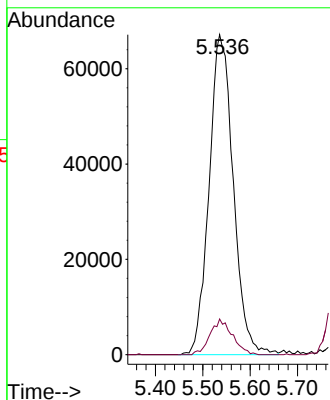
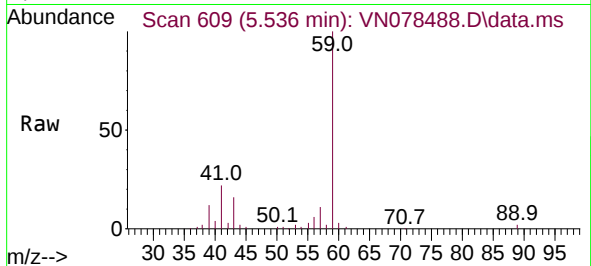
ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 237838
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

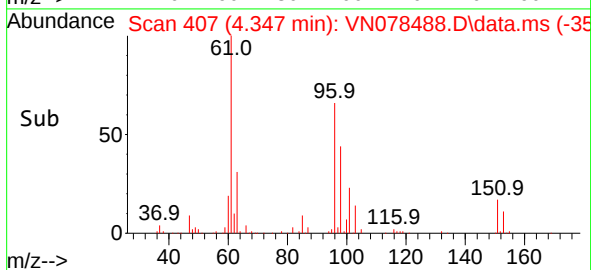
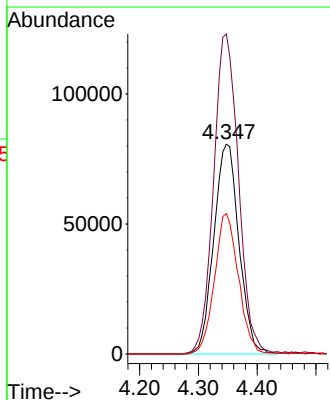
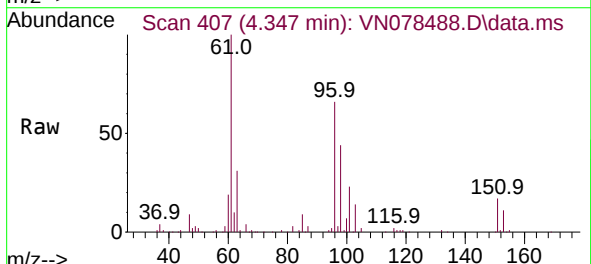
Manual Integrations
APPROVED

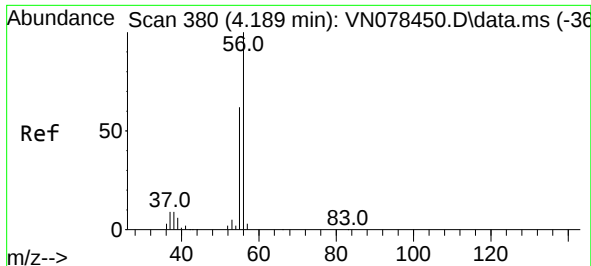
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#12
1,1-Dichloroethene
Concen: 49.059 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

Tgt Ion: 96 Resp: 239773
Ion Ratio Lower Upper
96 100
61 152.6 112.7 169.1
98 66.9 51.2 76.8





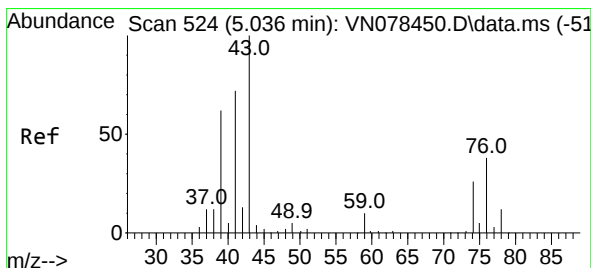
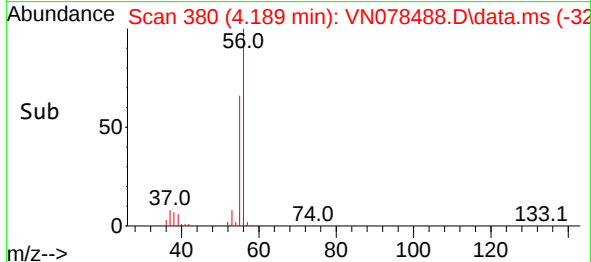
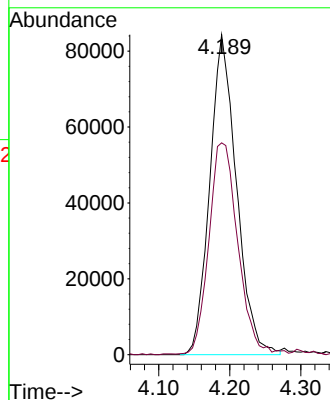
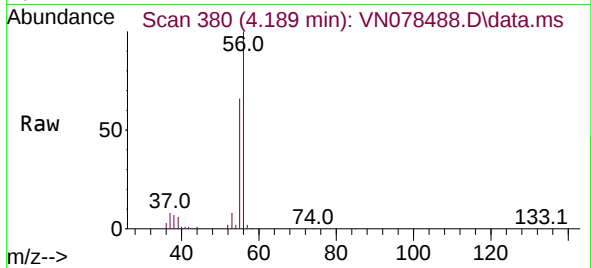
#13
Acrolein
Concen: 233.704 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 22016
Ion Ratio Lower Upper
56 100
55 71.4 54.5 81.7

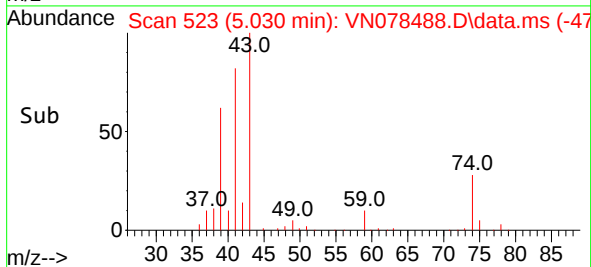
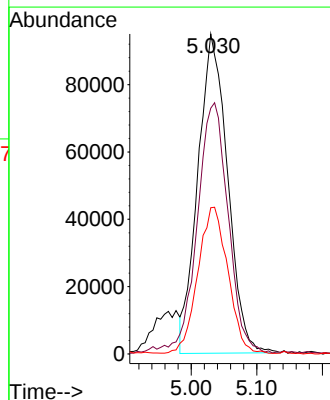
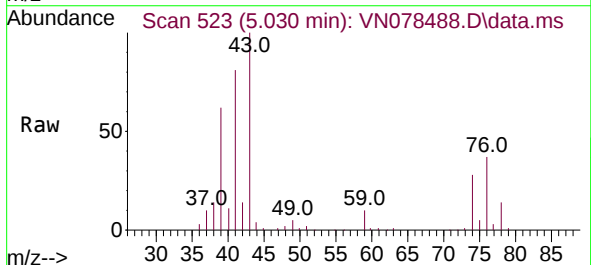
Manual Integrations
APPROVED

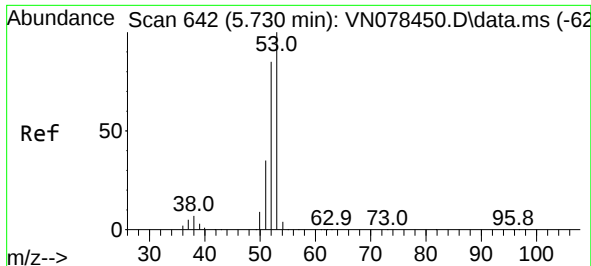
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#14
Allyl chloride
Concen: 44.734 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

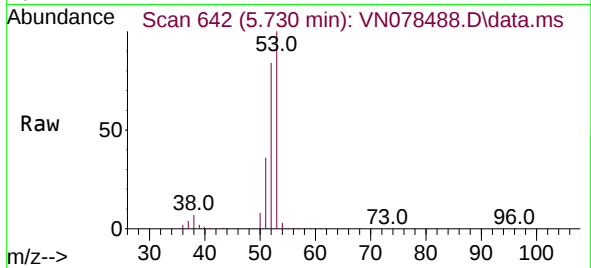
Tgt Ion: 41 Resp: 298750
Ion Ratio Lower Upper
41 100
39 83.4 58.8 88.2
76 46.1 39.1 58.7





#15
Acrylonitrile
Concen: 252.917 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

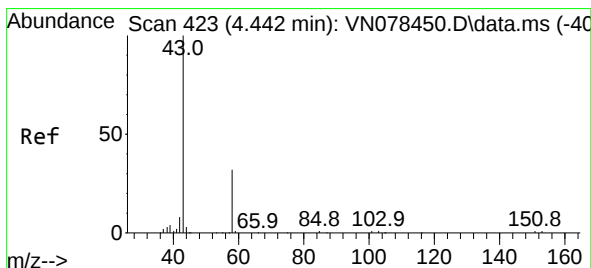
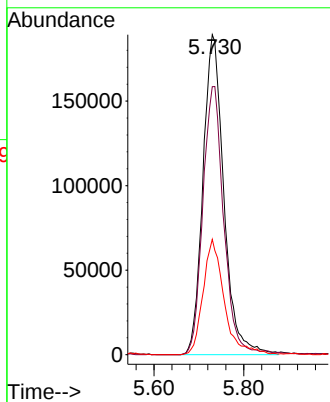
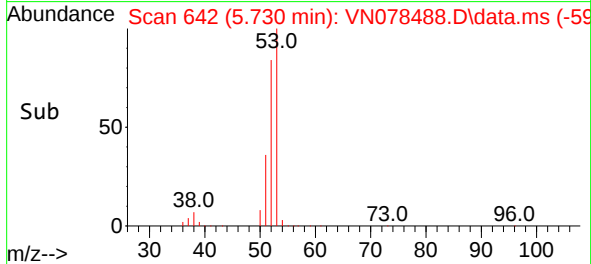
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



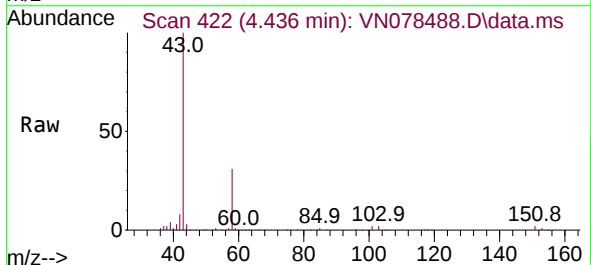
Tgt Ion: 53 Resp: 61187
Ion Ratio Lower Upper
53 100
52 83.4 65.3 97.9
51 36.5 28.9 43.3

Manual Integrations
APPROVED

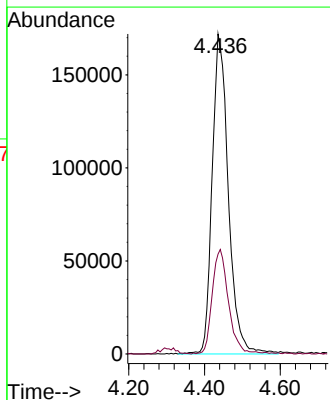
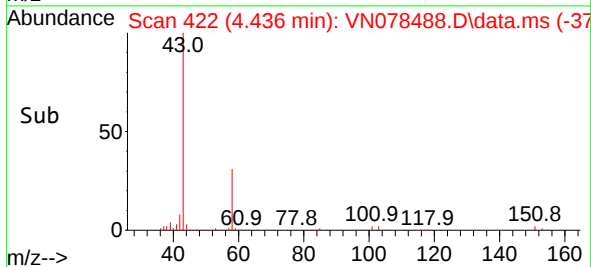
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

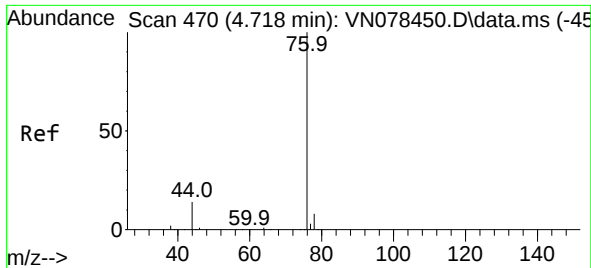


#16
Acetone
Concen: 263.205 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33



Tgt Ion: 43 Resp: 509104
Ion Ratio Lower Upper
43 100
58 30.9 28.0 42.0





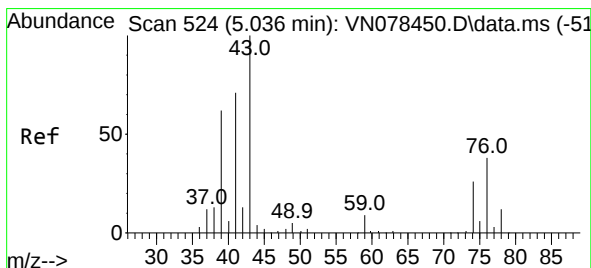
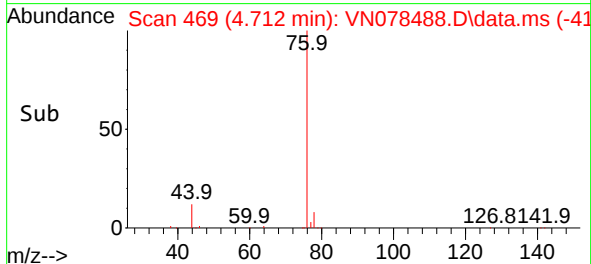
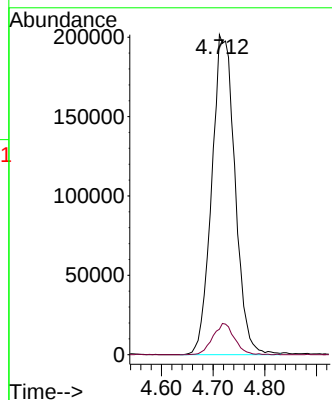
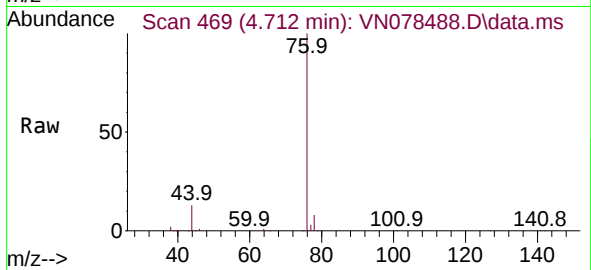
#17
Carbon Disulfide
Concen: 44.471 ug/l
RT: 4.712 min Scan# 470
Delta R.T. -0.006 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 628490
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0

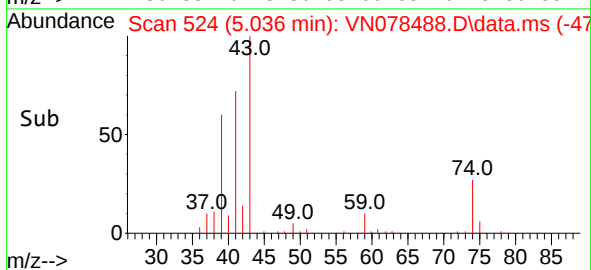
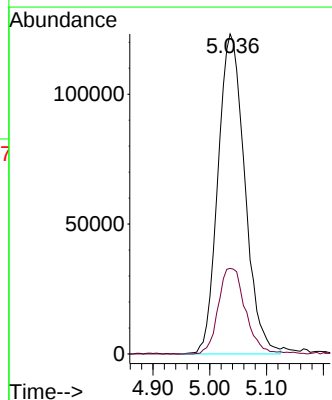
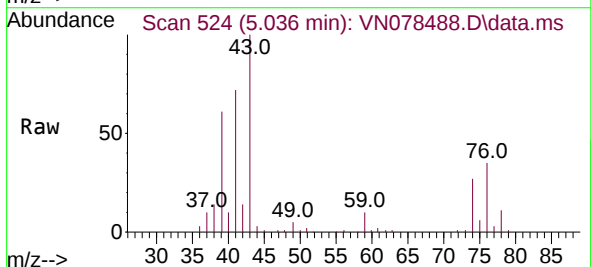
Manual Integrations
APPROVED

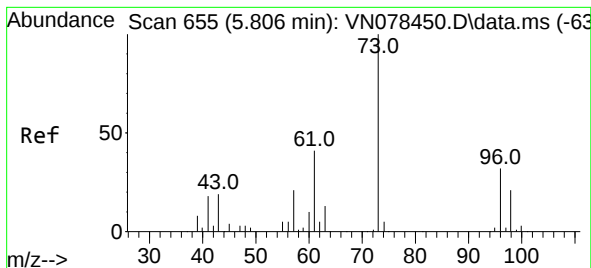
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#18
Methyl Acetate
Concen: 49.214 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

Tgt Ion: 43 Resp: 402968
Ion Ratio Lower Upper
43 100
74 27.3 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 49.491 ug/l

RT: 5.812 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN078488.D

Acq: 13 Jul 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 796962

Ion Ratio Lower Upper

73 100

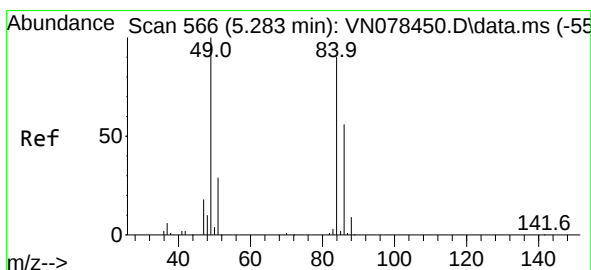
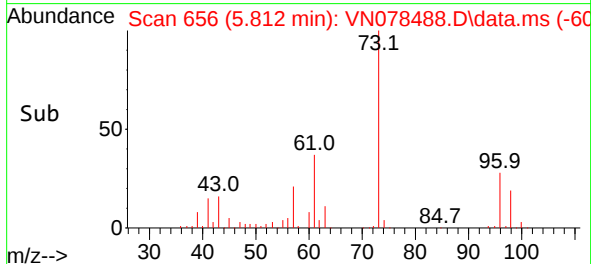
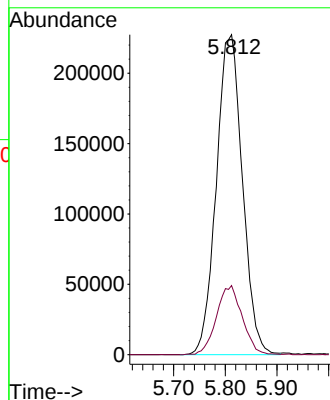
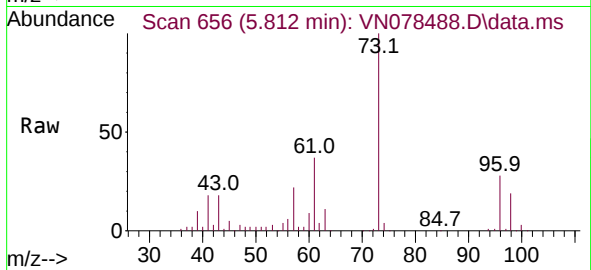
57 21.6 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#20

Methylene Chloride

Concen: 51.990 ug/l

RT: 5.283 min Scan# 566

Delta R.T. -0.000 min

Lab File: VN078488.D

Acq: 13 Jul 2023 10:33

Tgt Ion: 84 Resp: 288183

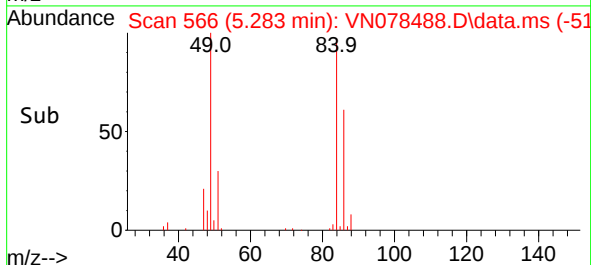
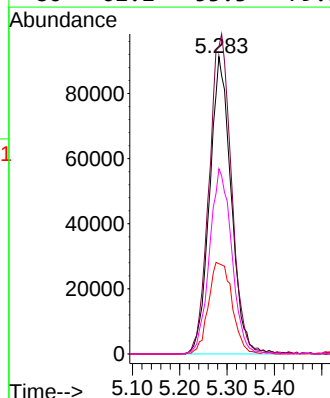
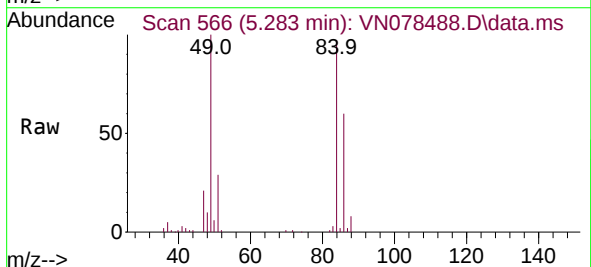
Ion Ratio Lower Upper

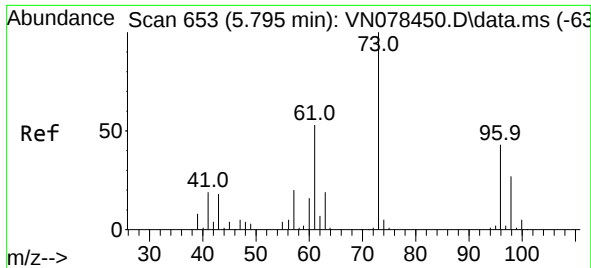
84 100

49 103.2 79.7 119.5

51 30.3 25.2 37.8

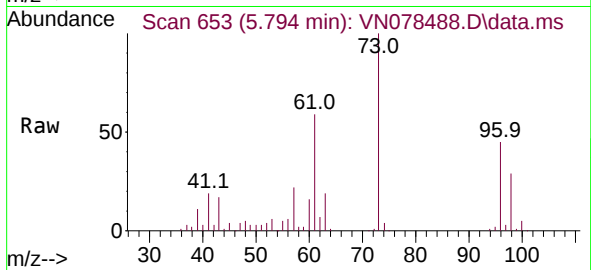
86 62.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 49.189 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.001 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

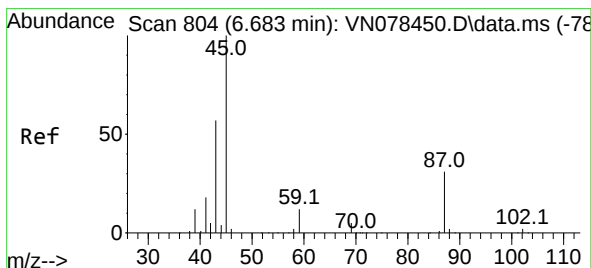
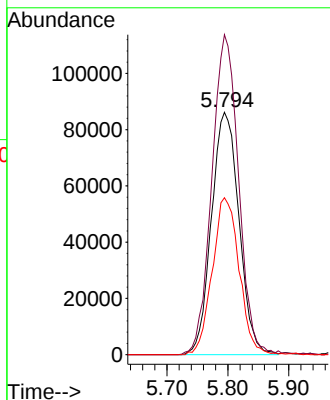
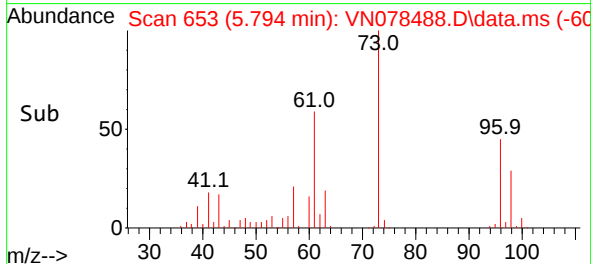
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



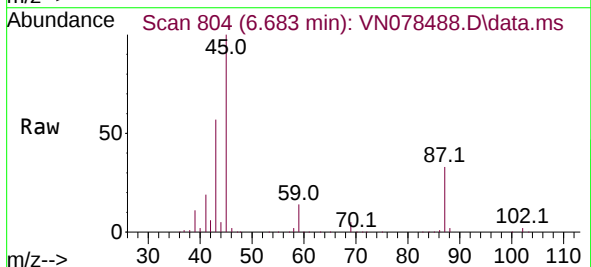
Tgt Ion: 96 Resp: 27091
Ion Ratio Lower Upper
96 100
61 132.0 90.1 135.1
98 64.7 46.4 69.6

Manual Integrations
APPROVED

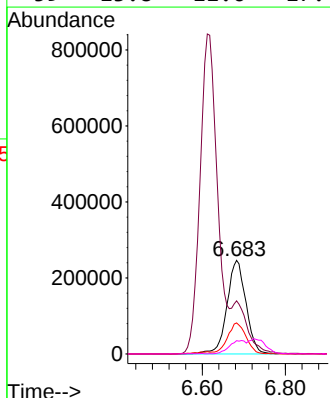
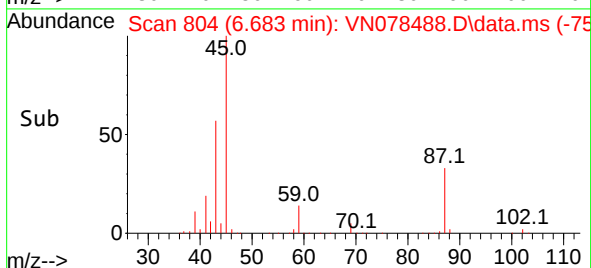
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

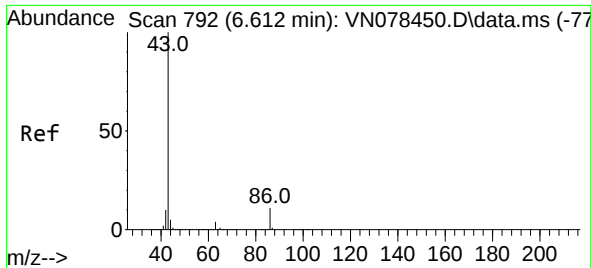


#22
Diisopropyl ether
Concen: 52.045 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33



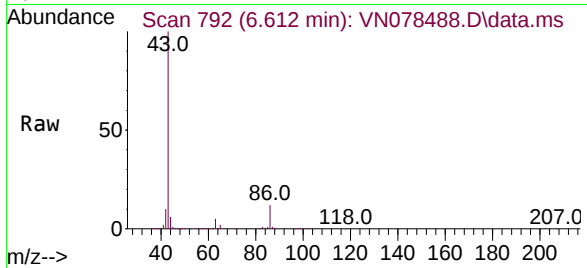
Tgt Ion: 45 Resp: 778280
Ion Ratio Lower Upper
45 100
43 56.6 45.5 68.3
87 33.0 31.8 47.8
59 13.8 11.6 17.4





#23
 Vinyl Acetate
 Concen: 257.263 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078488.D
 Acq: 13 Jul 2023 10:33

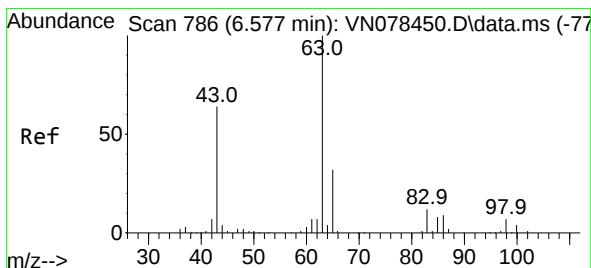
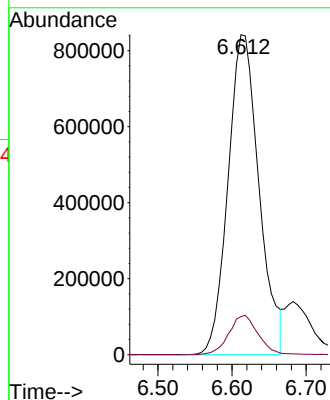
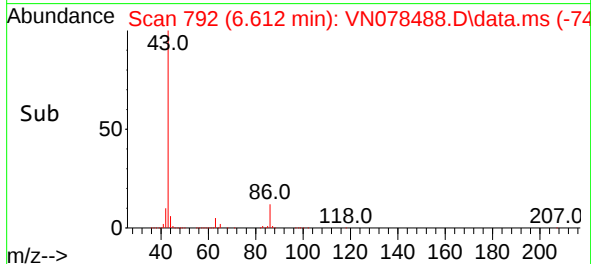
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



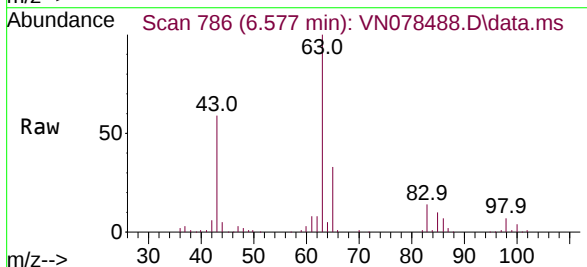
Tgt Ion: 43 Resp: 2445729
 Ion Ratio Lower Upper
 43 100
 86 11.9 13.0 19.6

Manual Integrations
 APPROVED

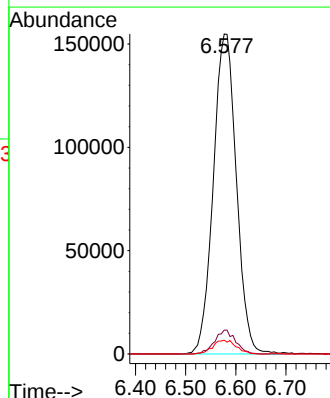
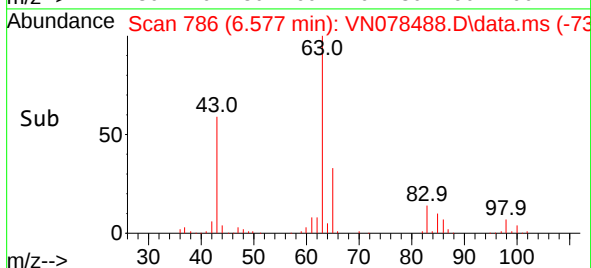
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023

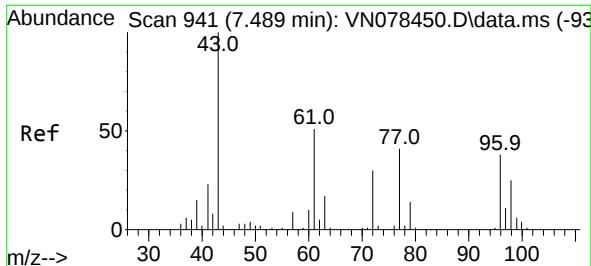


#24
 1,1-Dichloroethane
 Concen: 49.118 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078488.D
 Acq: 13 Jul 2023 10:33



Tgt Ion: 63 Resp: 494929
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 4.3 2.5 7.4





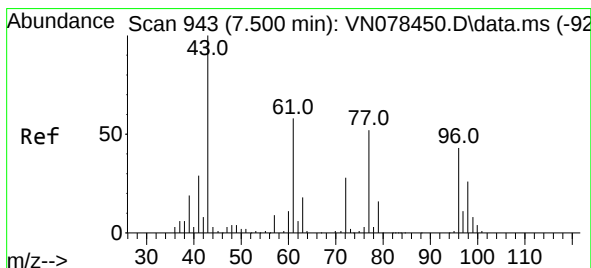
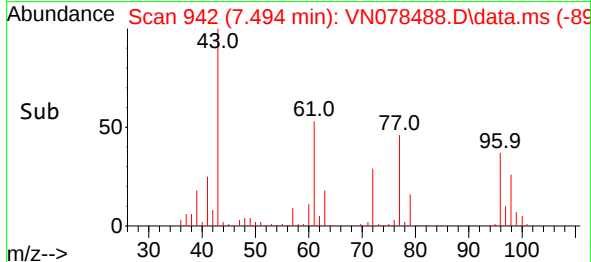
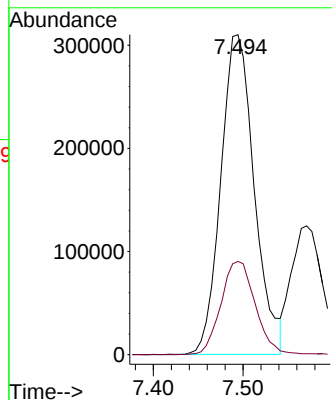
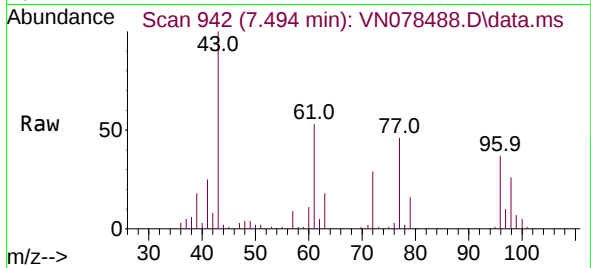
#25
2-Butanone
Concen: 264.370 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.005 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 804945
Ion Ratio Lower Upper
43 100
72 29.1 30.2 45.2

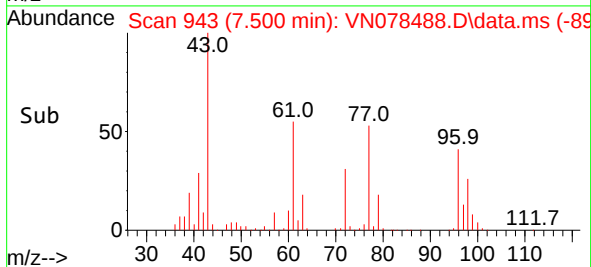
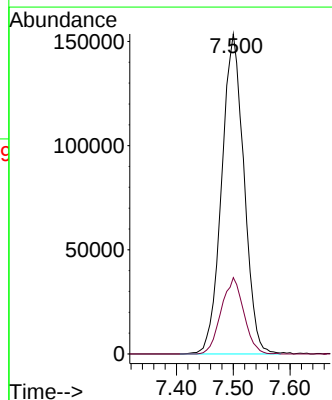
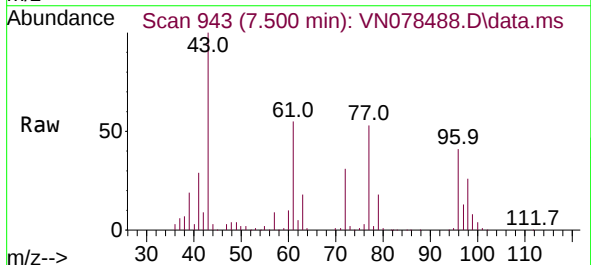
Manual Integrations
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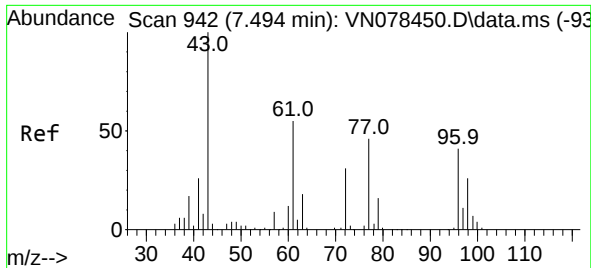
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#26
2,2-Dichloropropane
Concen: 50.848 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

Tgt Ion: 77 Resp: 419061
Ion Ratio Lower Upper
77 100
97 24.1 11.2 33.6





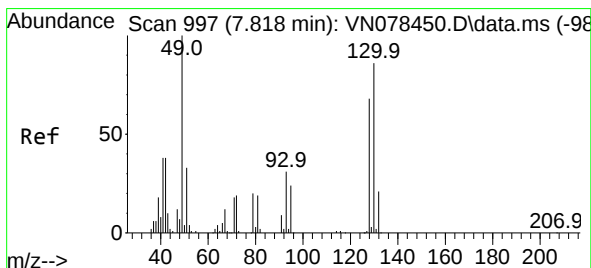
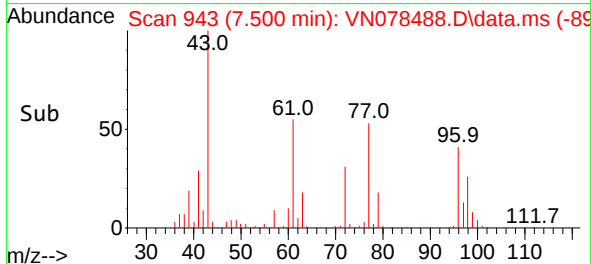
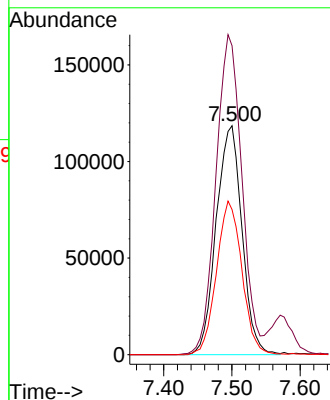
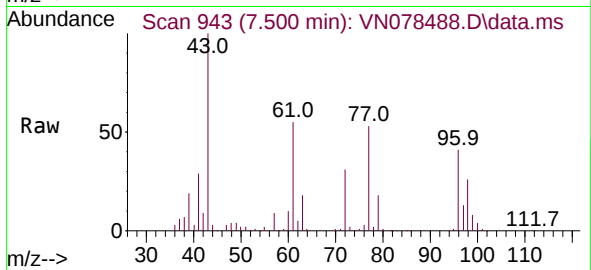
#27
 cis-1,2-Dichloroethene
 Concen: 49.022 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN078488.D
 Acq: 13 Jul 2023 10:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 31233
 Ion Ratio Lower Upper
 96 100
 61 141.2 0.0 255.2
 98 66.1 0.0 128.8

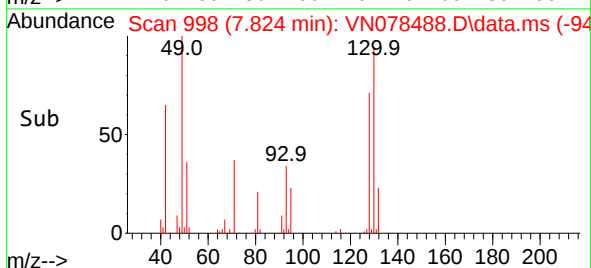
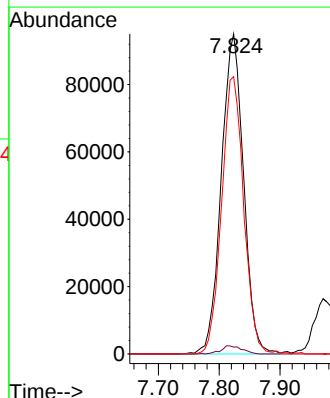
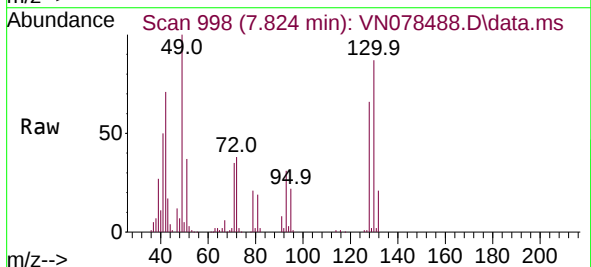
Manual Integrations
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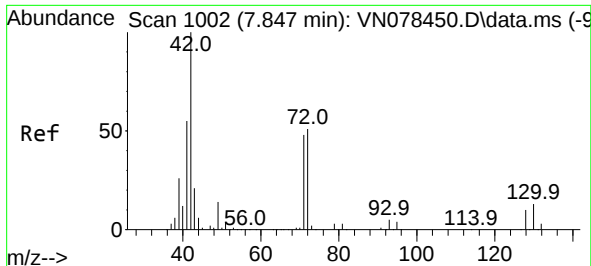
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023



#28
 Bromochloromethane
 Concen: 50.811 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078488.D
 Acq: 13 Jul 2023 10:33

Tgt Ion: 49 Resp: 241148
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 85.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 257.889 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078488.D

Acq: 13 Jul 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 515230

Ion Ratio Lower Upper

42 100

72 50.9 49.8 74.6

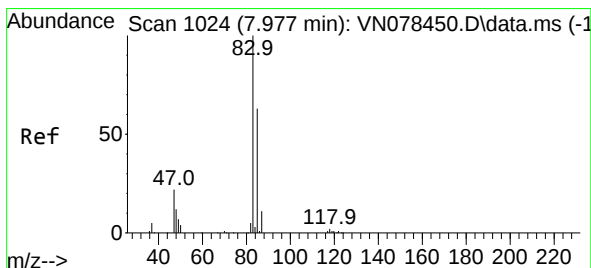
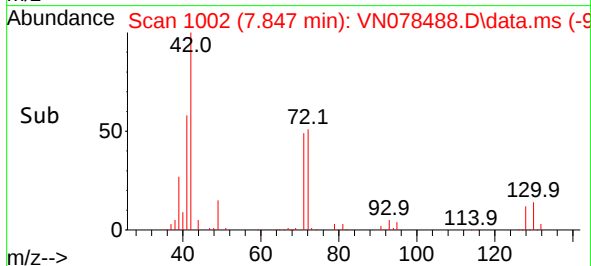
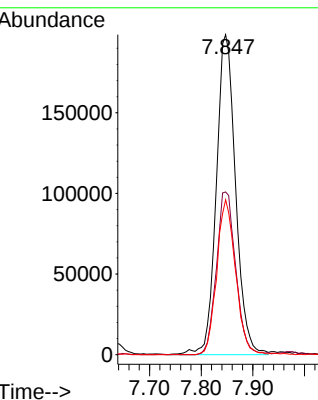
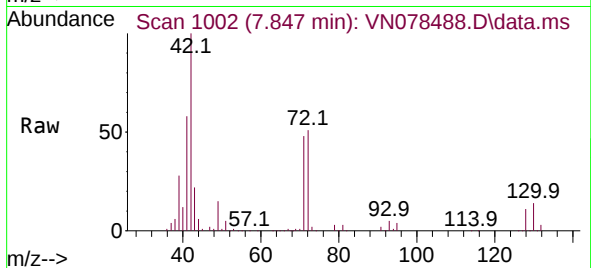
71 47.0 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#30

Chloroform

Concen: 51.862 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078488.D

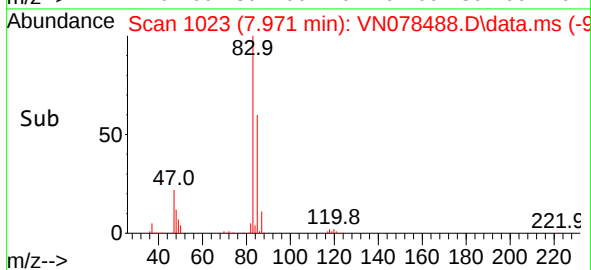
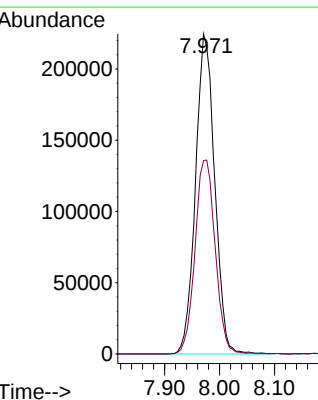
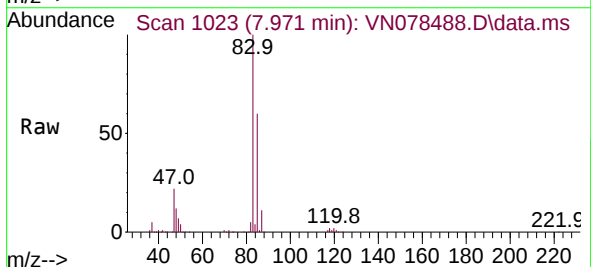
Acq: 13 Jul 2023 10:33

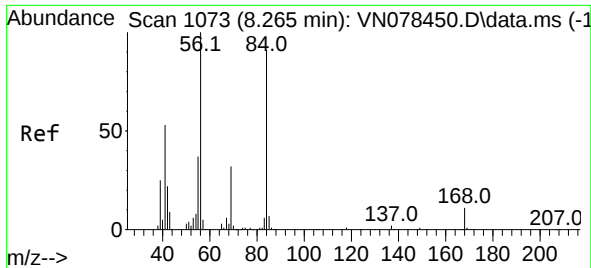
Tgt Ion: 83 Resp: 544059

Ion Ratio Lower Upper

83 100

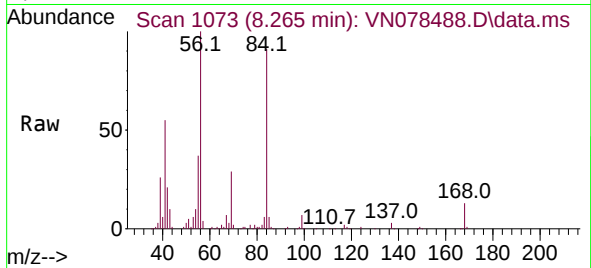
85 60.5 55.4 83.0





#31
Cyclohexane
Concen: 47.058 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

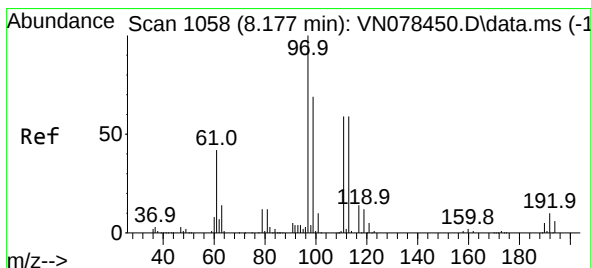
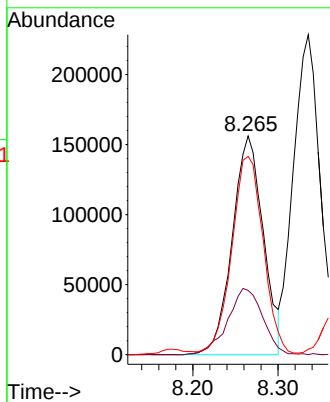
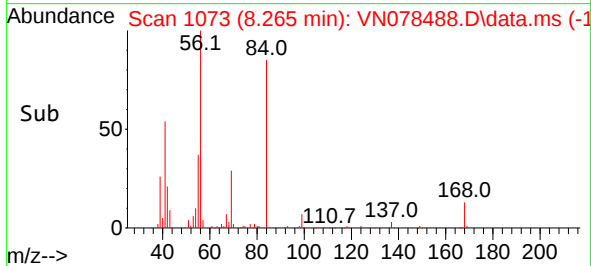
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 394898
Ion Ratio Lower Upper
56 100
69 29.4 26.8 40.2
84 88.4 81.8 122.6

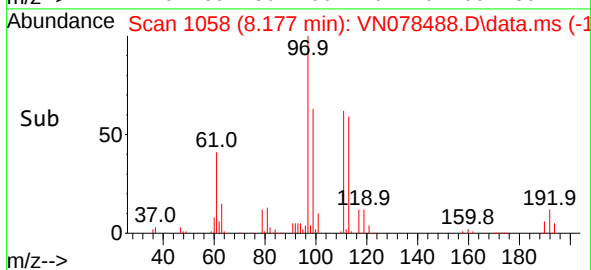
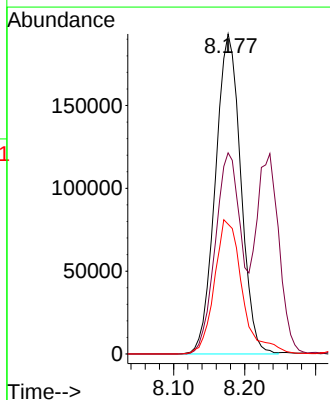
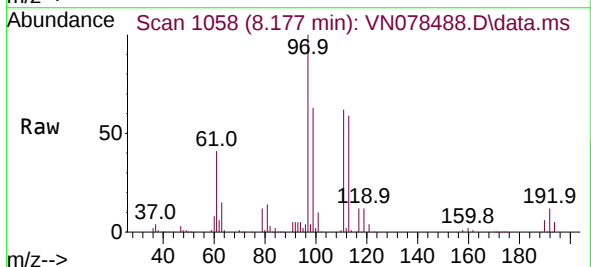
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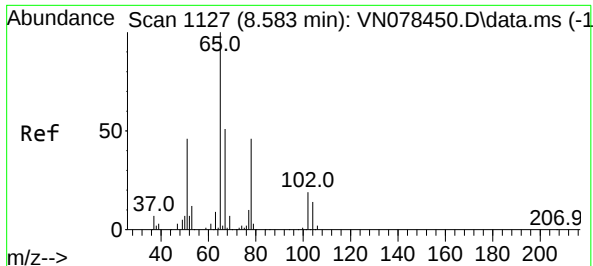
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#32
1,1,1-Trichloroethane
Concen: 51.051 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

Tgt Ion: 97 Resp: 480155
Ion Ratio Lower Upper
97 100
99 64.6 50.3 75.5
61 46.0 34.7 52.1





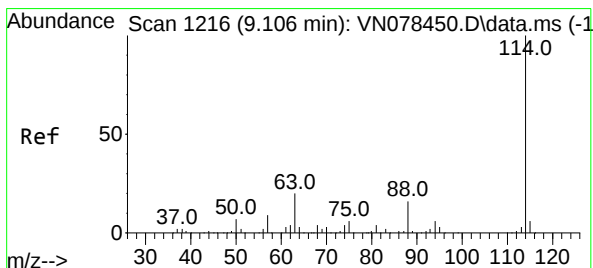
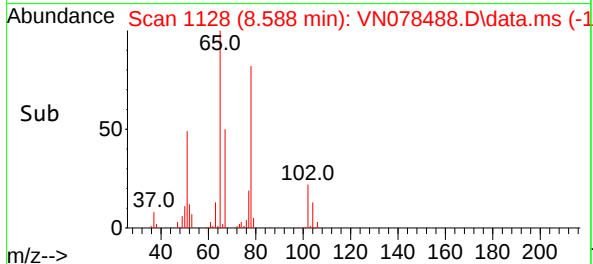
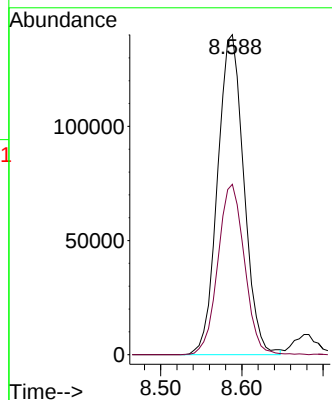
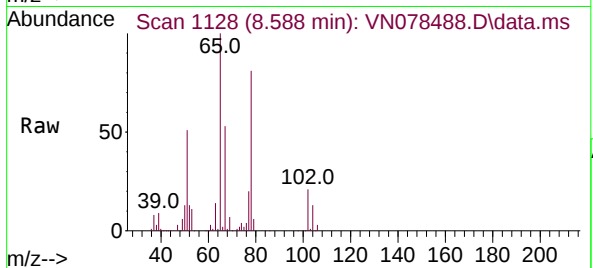
#33
1,2-Dichloroethane-d4
Concen: 50.830 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 315628
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.6

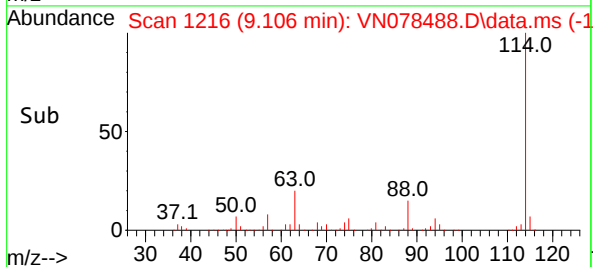
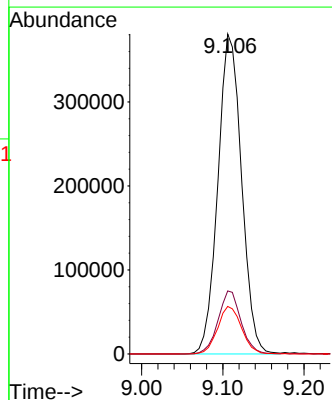
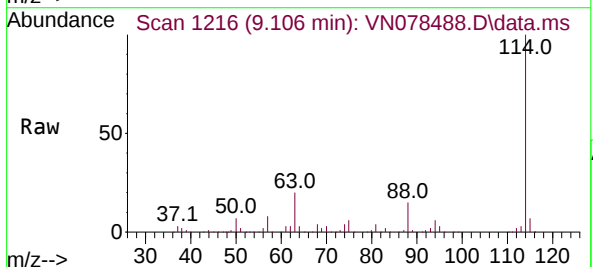
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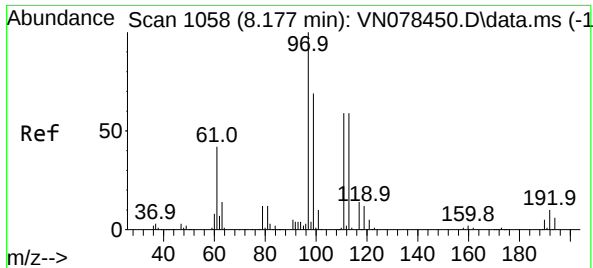
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

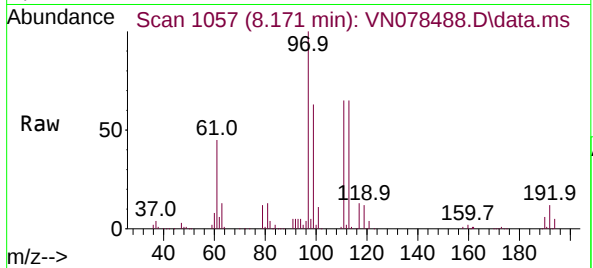
Tgt Ion:114 Resp: 772138
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.4
88 14.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 53.860 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

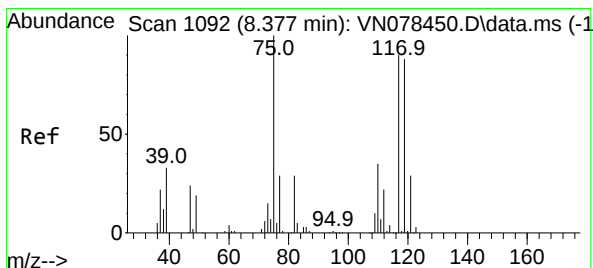
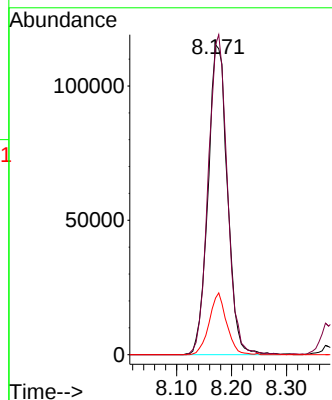
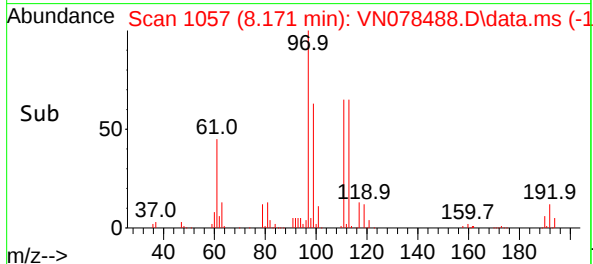
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



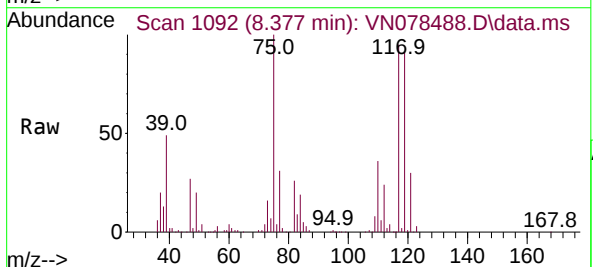
Tgt Ion: 113 Resp: 282300
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 17.8 12.7 19.1

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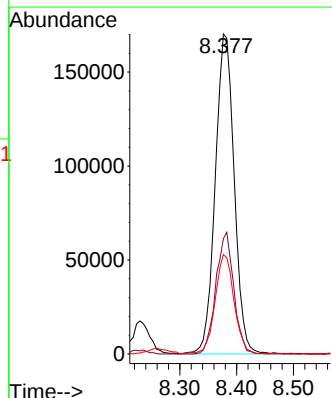
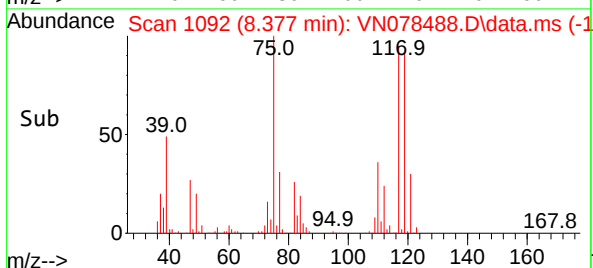
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#36
1,1-Dichloropropene
Concen: 52.192 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33



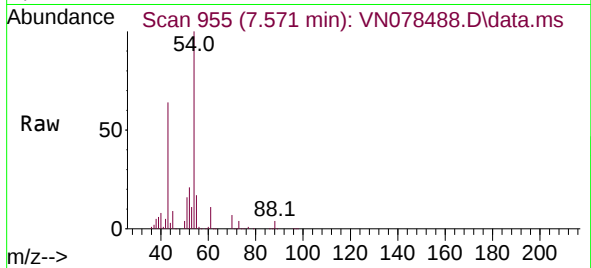
Tgt Ion: 75 Resp: 395006
Ion Ratio Lower Upper
75 100
110 35.9 19.1 57.3
77 30.7 25.0 37.4





#37
Ethyl Acetate
Concen: 49.345 ug/l
RT: 7.571 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

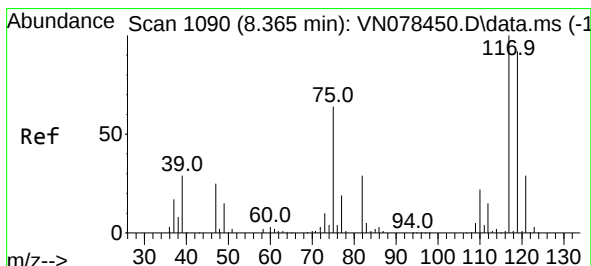
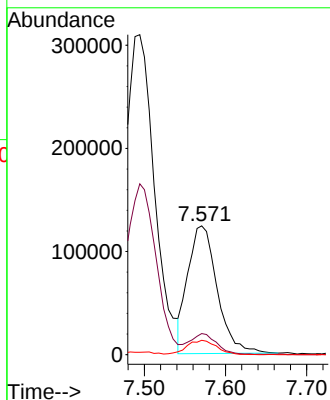
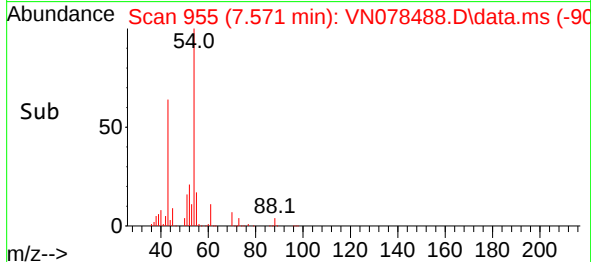
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 31132
Ion Ratio Lower Upper
43 100
61 14.2 13.2 19.8
70 11.5 11.3 16.9

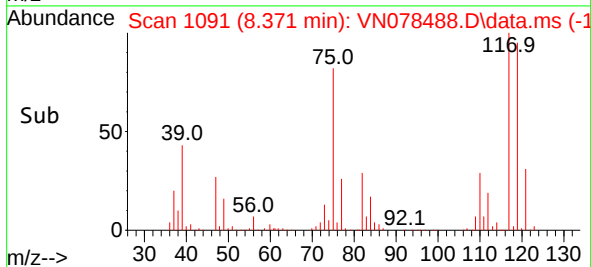
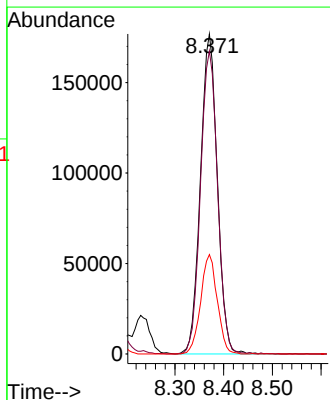
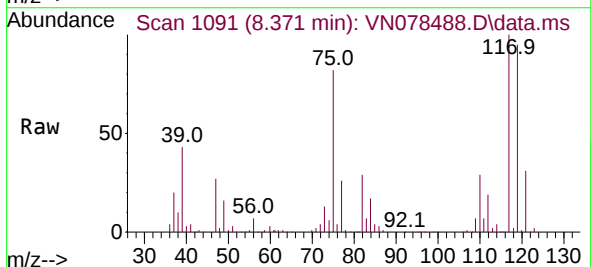
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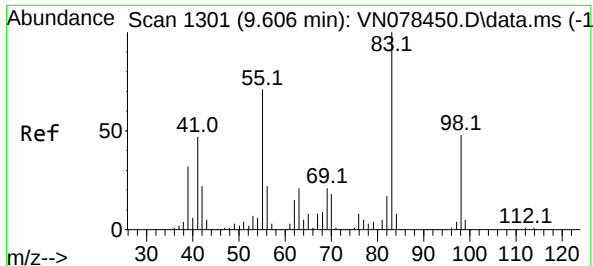
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#38
Carbon Tetrachloride
Concen: 51.718 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

Tgt Ion:117 Resp: 425405
Ion Ratio Lower Upper
117 100
119 94.5 77.3 115.9
121 31.0 23.3 34.9





#39

Methylcyclohexane

Concen: 53.046 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN078488.D

Acq: 13 Jul 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 366459

Ion Ratio Lower Upper

83 100

55 68.1 49.1 73.7

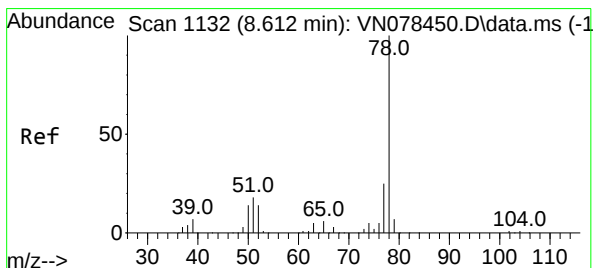
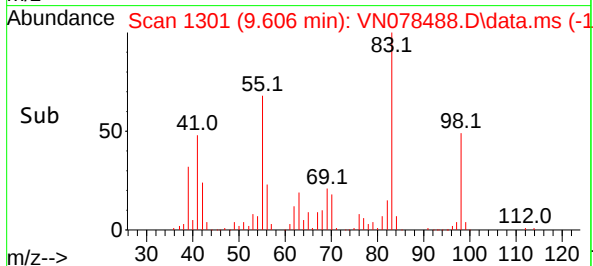
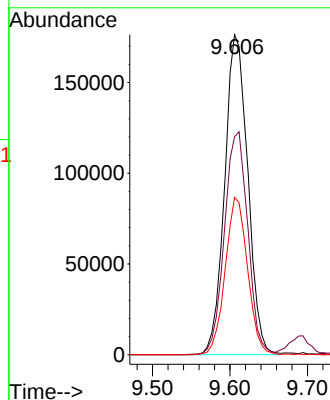
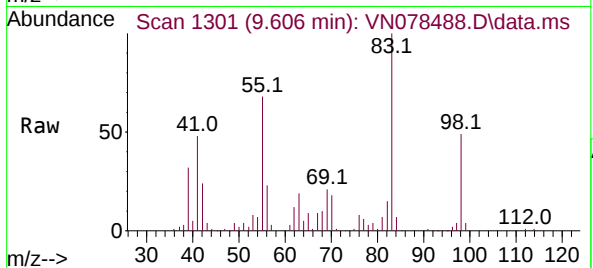
98 49.2 40.6 61.0

Manual Integrations

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Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#40

Benzene

Concen: 52.232 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078488.D

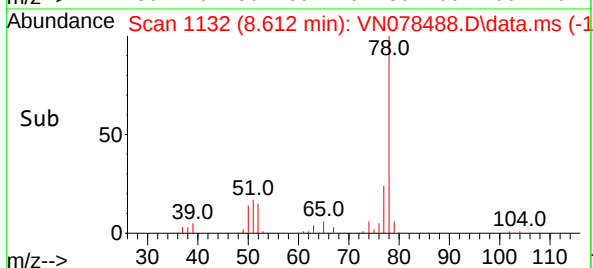
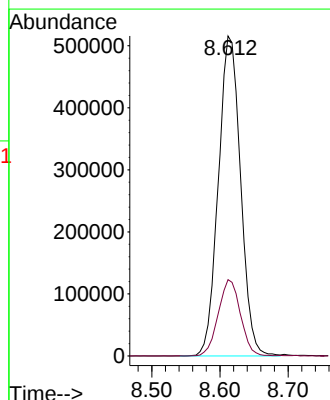
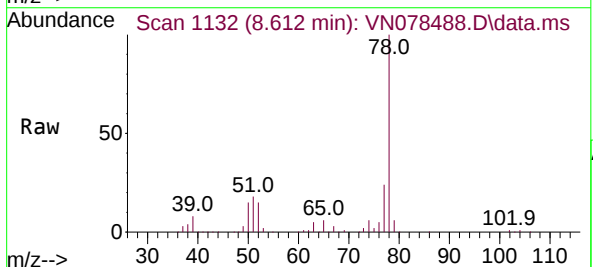
Acq: 13 Jul 2023 10:33

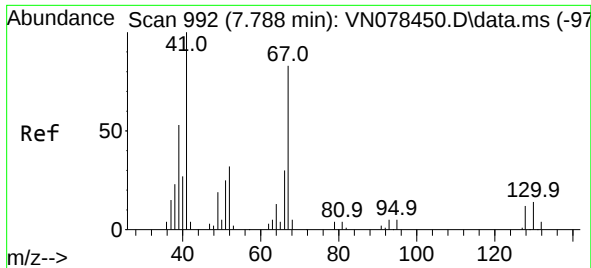
Tgt Ion: 78 Resp: 1171125

Ion Ratio Lower Upper

78 100

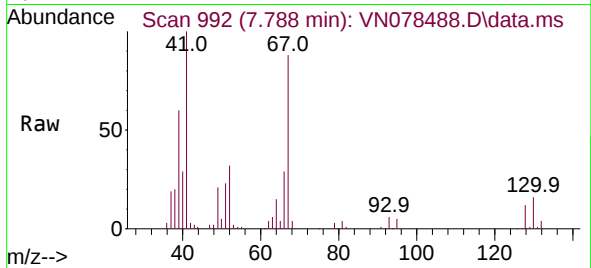
77 23.8 19.0 28.6





#41
Methacrylonitrile
Concen: 50.729 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

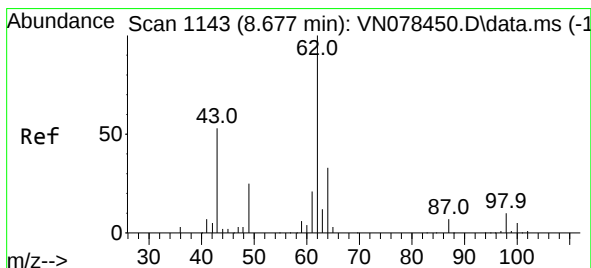
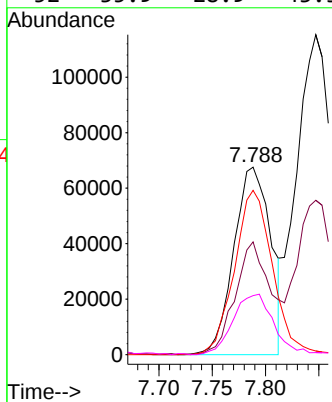
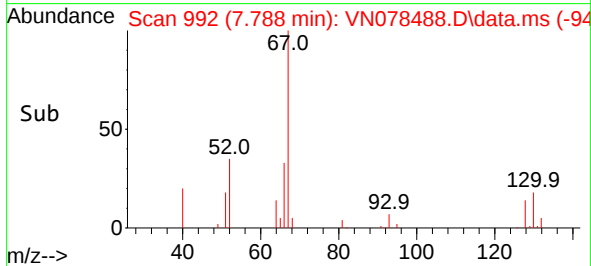
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 163158
Ion Ratio Lower Upper
41 100
39 59.7 42.6 64.0
67 90.3 77.5 116.3
52 35.9 28.9 43.3

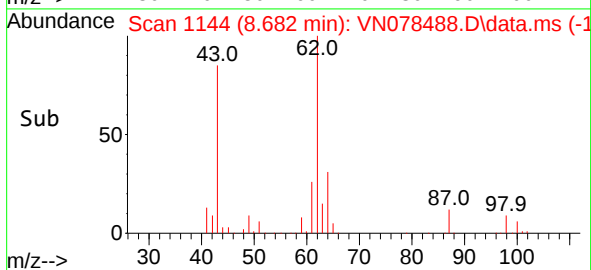
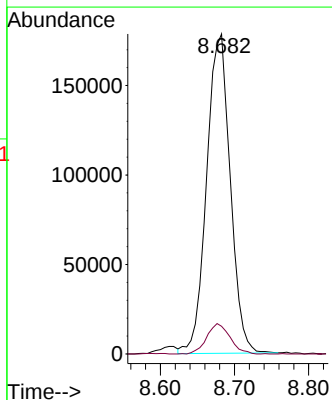
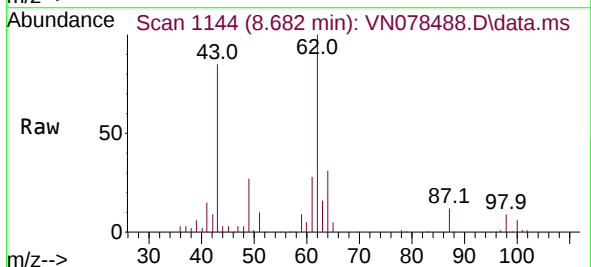
Manual Integrations
APPROVED

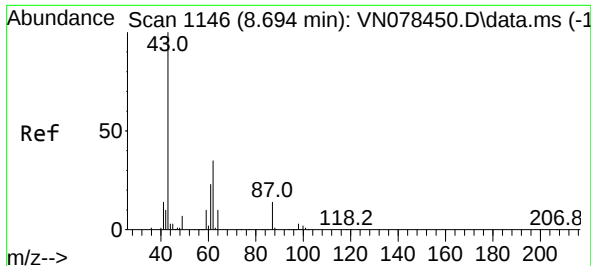
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#42
1,2-Dichloroethane
Concen: 51.851 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

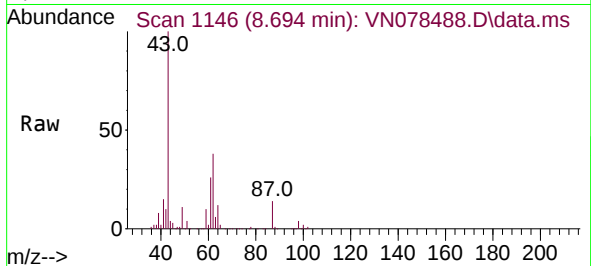
Tgt Ion: 62 Resp: 395441
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.8





#43
Isopropyl Acetate
Concen: 53.444 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

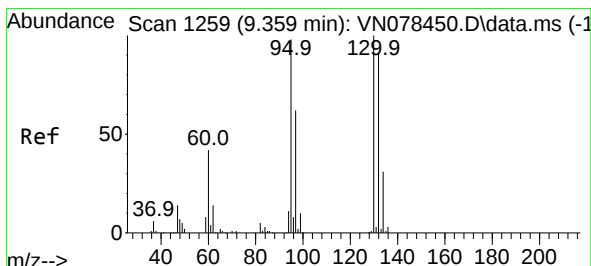
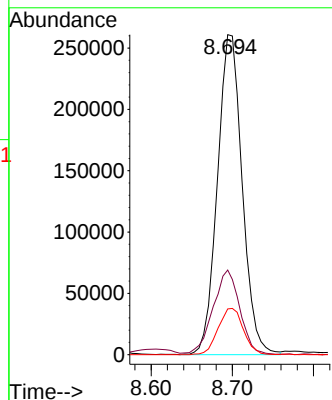
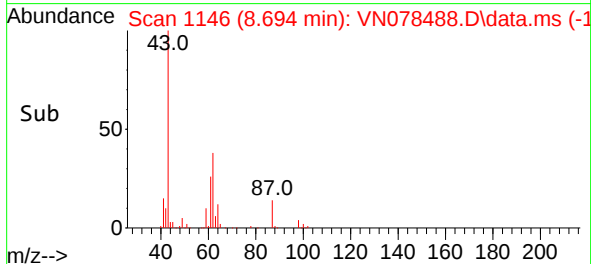
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 55513
Ion Ratio Lower Upper
43 100
61 28.8 24.7 37.1
87 14.7 14.6 21.8

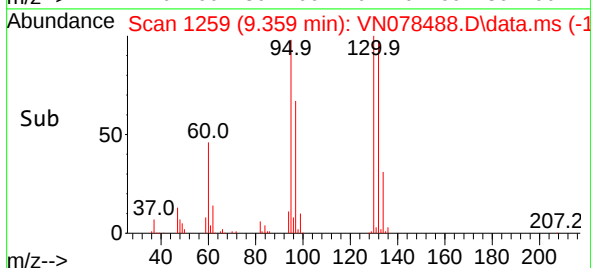
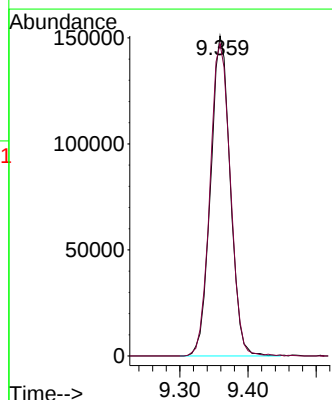
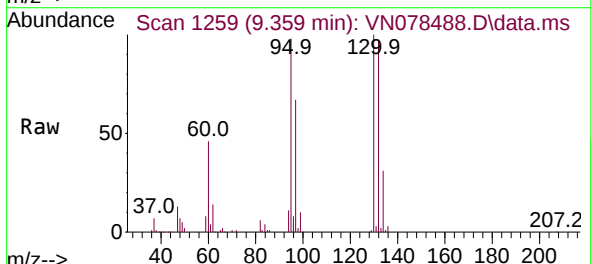
Manual Integrations
APPROVED

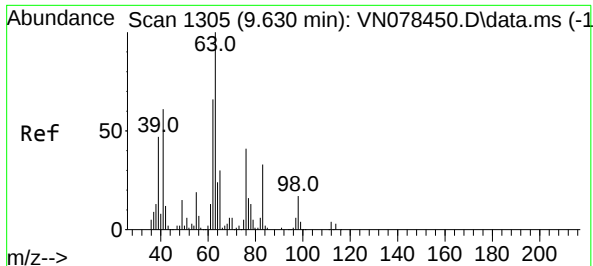
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#44
Trichloroethene
Concen: 50.131 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

Tgt Ion:130 Resp: 302947
Ion Ratio Lower Upper
130 100
95 97.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 52.896 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN078488.D

Acq: 13 Jul 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 30038

Ion Ratio Lower Upper

63 100

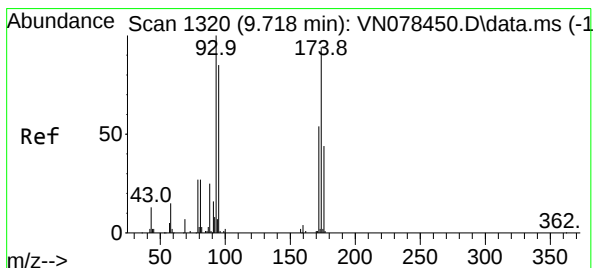
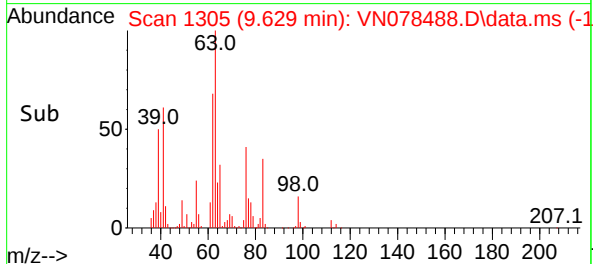
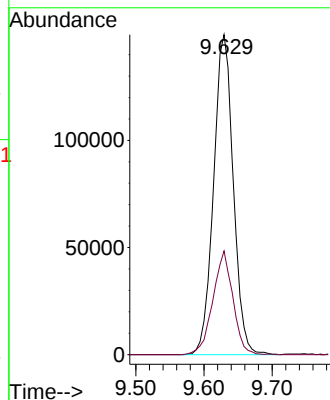
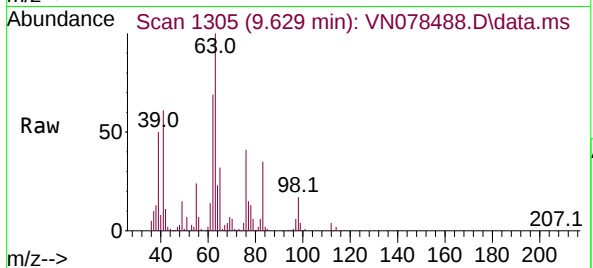
65 32.4 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#46

Dibromomethane

Concen: 53.885 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078488.D

Acq: 13 Jul 2023 10:33

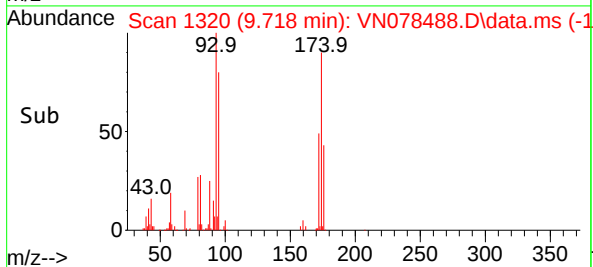
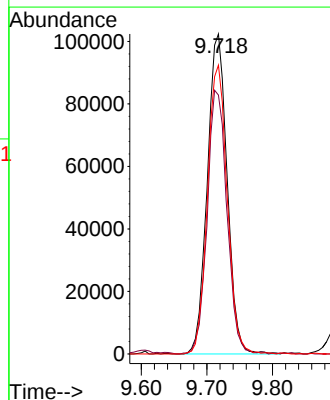
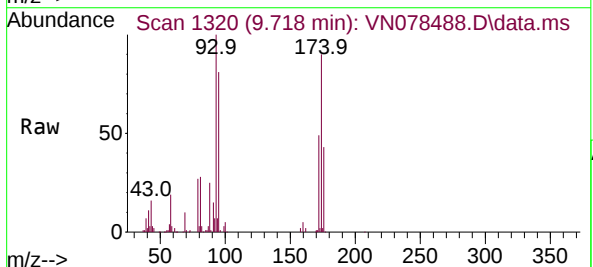
Tgt Ion: 93 Resp: 215372

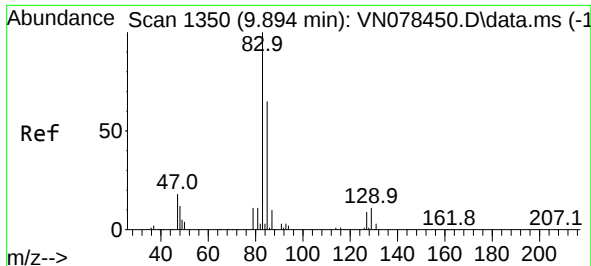
Ion Ratio Lower Upper

93 100

95 81.9 63.8 95.8

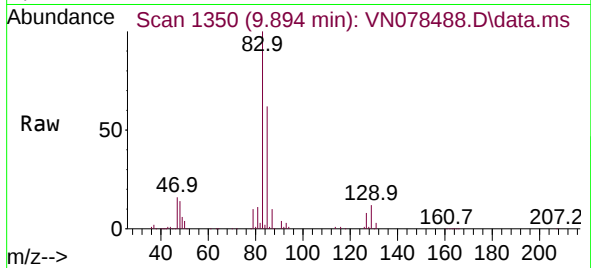
174 89.9 65.6 98.4





#47
Bromodichloromethane
Concen: 53.335 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

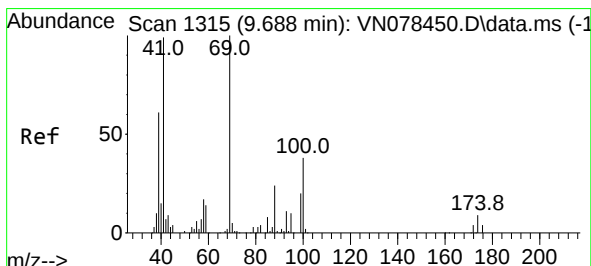
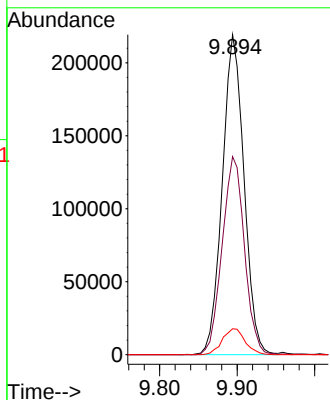
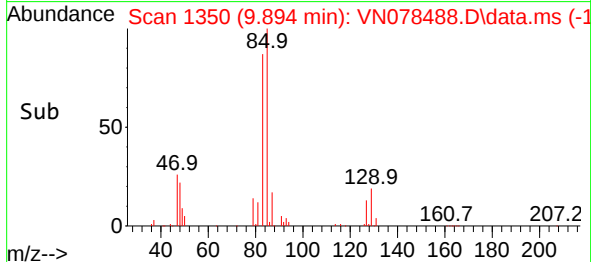
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 427320
Ion Ratio Lower Upper
83 100
85 61.9 49.6 74.4
127 8.1 7.0 10.6

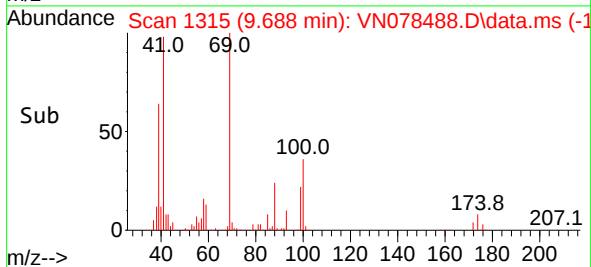
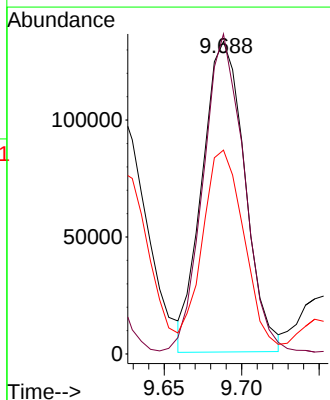
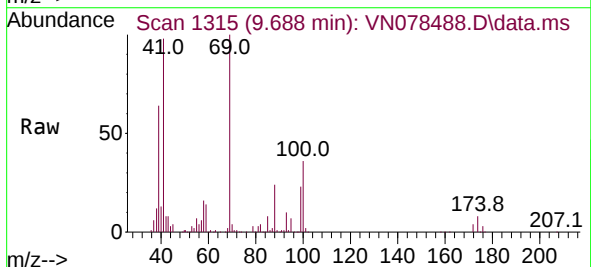
Manual Integrations
APPROVED

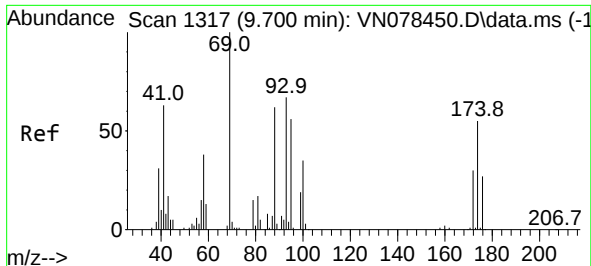
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#48
Methyl methacrylate
Concen: 52.839 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

Tgt Ion: 41 Resp: 254274
Ion Ratio Lower Upper
41 100
69 100.5 90.4 135.6
39 64.8 54.6 81.8





#49

1,4-Dioxane

Concen: 1058.028 ug/l

RT: 9.700 min Scan# 111035

Delta R.T. 0.000 min

Lab File: VN078488.D

Acq: 13 Jul 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 111035

Ion Ratio Lower Upper

88 100

43 24.9 17.0 25.6

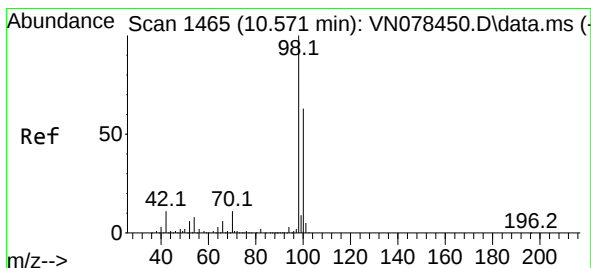
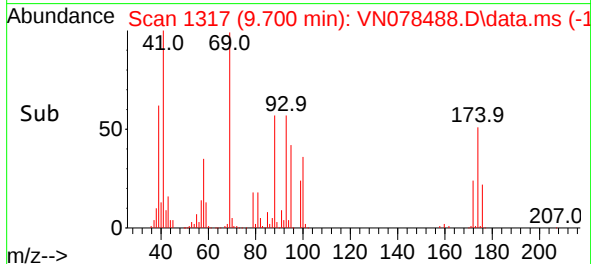
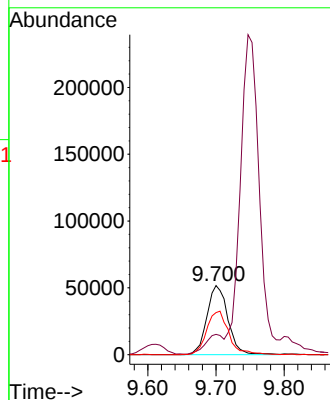
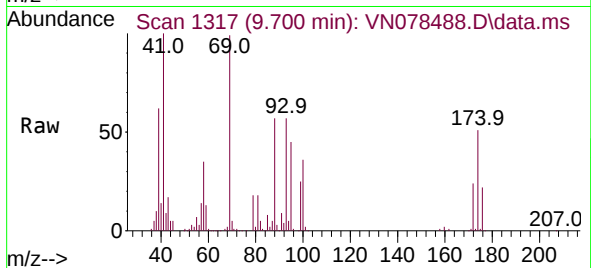
58 66.3 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#50

Toluene-d8

Concen: 53.001 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN078488.D

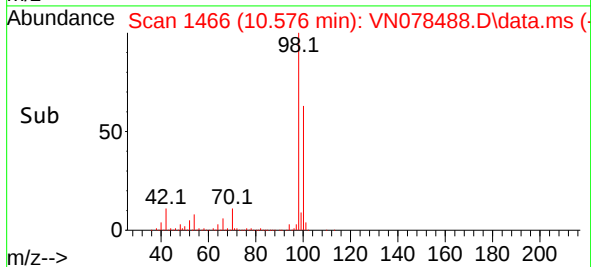
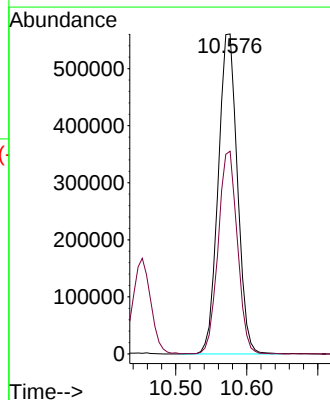
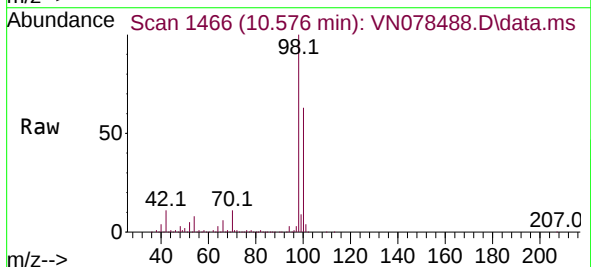
Acq: 13 Jul 2023 10:33

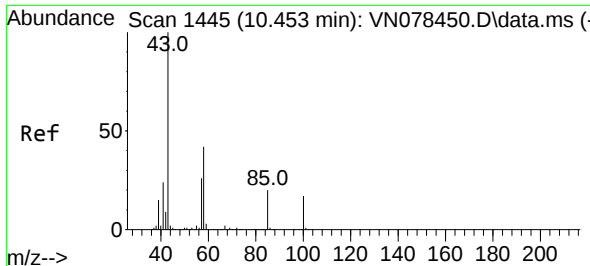
Tgt Ion: 98 Resp: 1049464

Ion Ratio Lower Upper

98 100

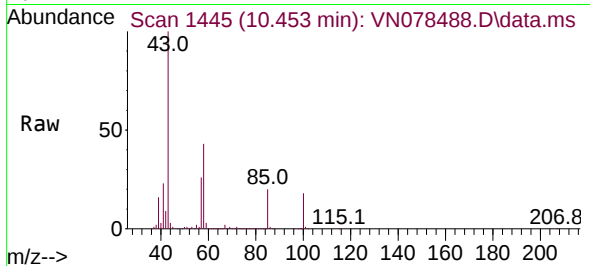
100 63.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 275.772 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

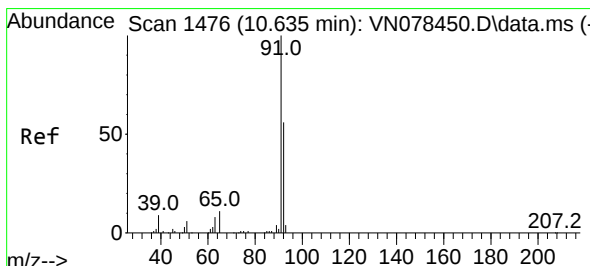
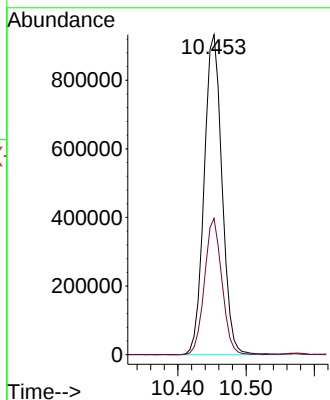
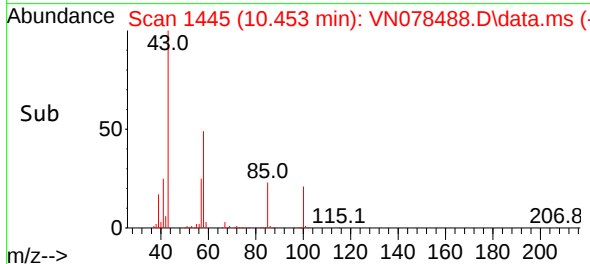
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



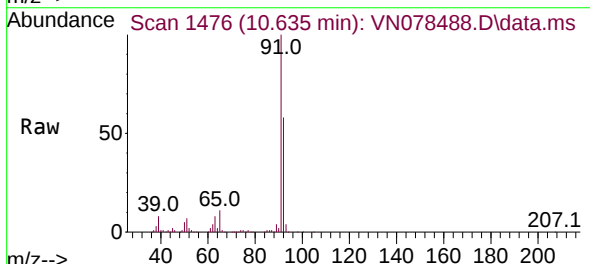
Tgt Ion: 43 Resp: 1703809
Ion Ratio Lower Upper
43 100
58 41.5 36.6 54.8

Manual Integrations
APPROVED

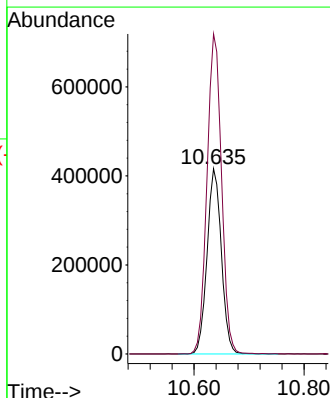
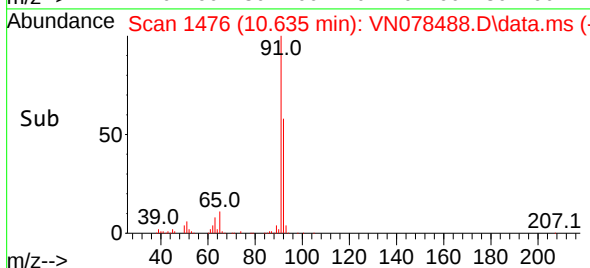
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

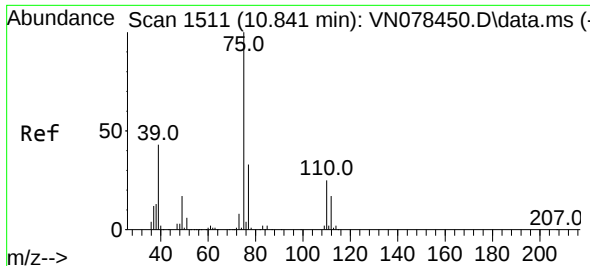


#52
Toluene
Concen: 54.039 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33



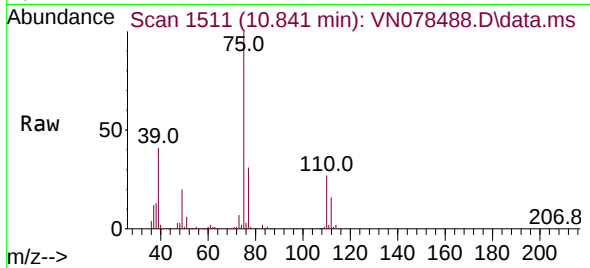
Tgt Ion: 92 Resp: 750949
Ion Ratio Lower Upper
92 100
91 175.8 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 54.684 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

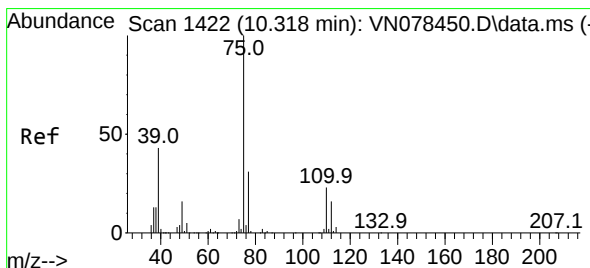
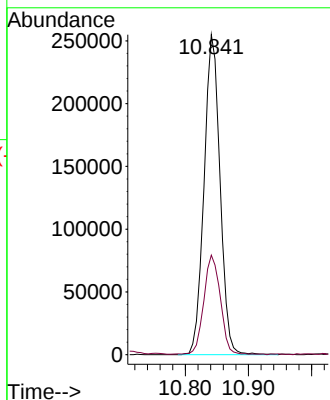
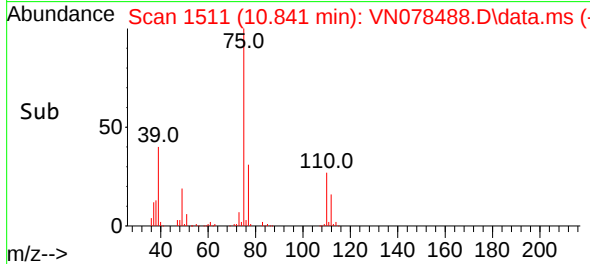
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 44885
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0

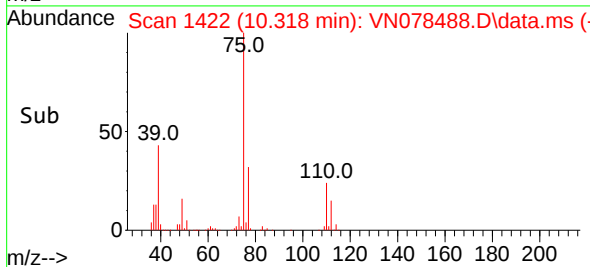
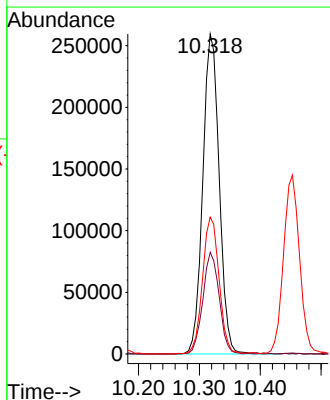
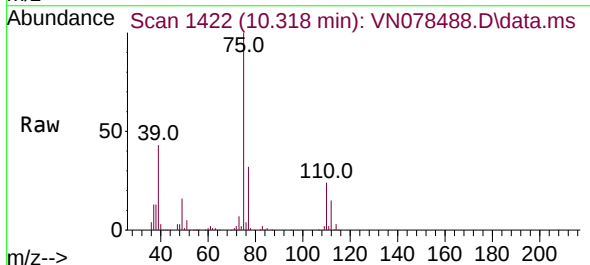
Manual Integrations
APPROVED

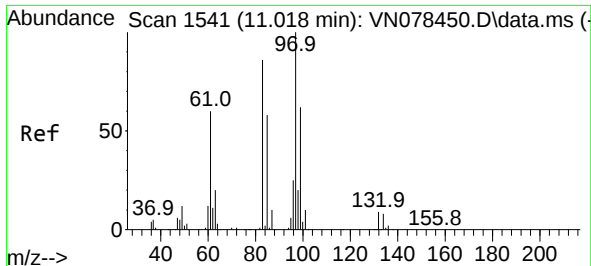
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#54
cis-1,3-Dichloropropene
Concen: 55.577 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

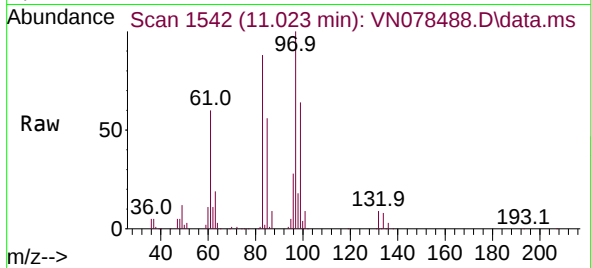
Tgt Ion: 75 Resp: 486261
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1
39 42.5 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 53.021 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.005 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

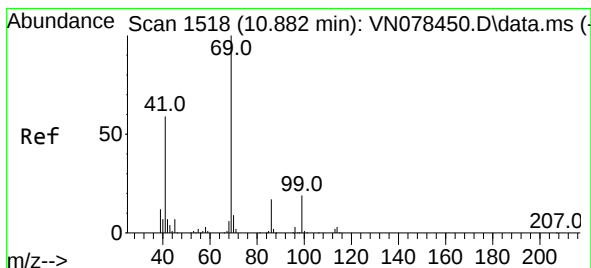
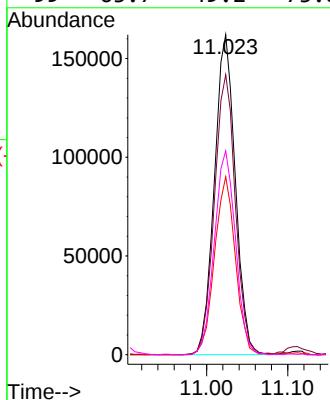
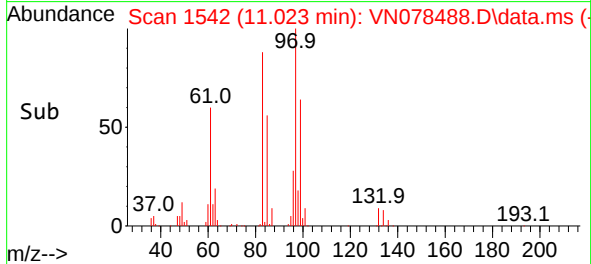
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



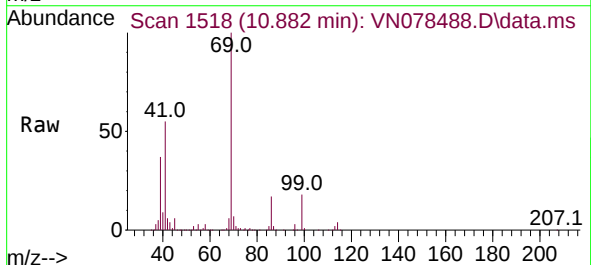
Tgt Ion:	97	Resp:	29029
Ion	Ratio	Lower	Upper
97	100		
83	87.5	65.1	97.7
85	55.6	43.4	65.2
99	63.7	49.2	73.8

Manual Integrations
APPROVED

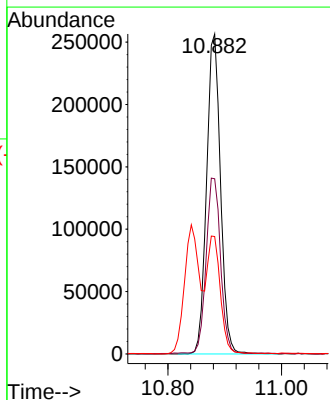
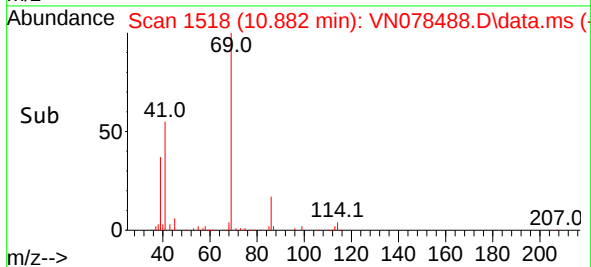
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

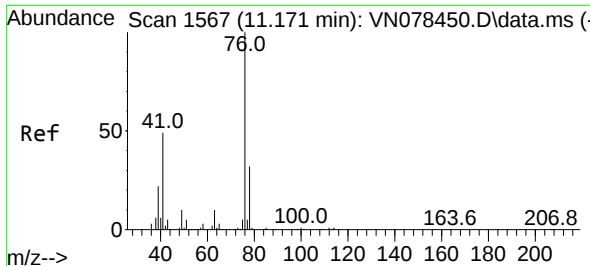


#56
Ethyl methacrylate
Concen: 56.664 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33



Tgt Ion:	69	Resp:	433682
Ion	Ratio	Lower	Upper
69	100		
41	57.5	39.6	59.4
39	33.3	28.6	43.0





#57

1,3-Dichloropropane

Concen: 52.766 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078488.D

Acq: 13 Jul 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 49122

Ion Ratio Lower Upper

76 100

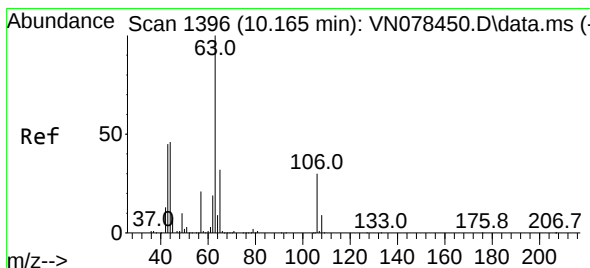
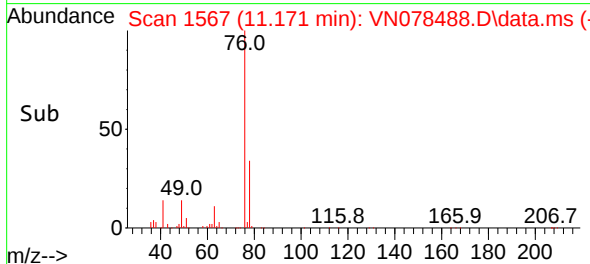
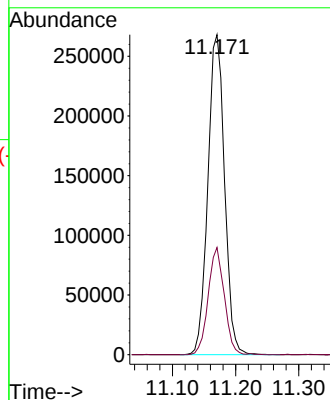
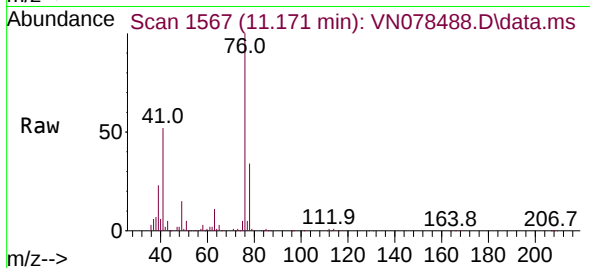
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 277.805 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078488.D

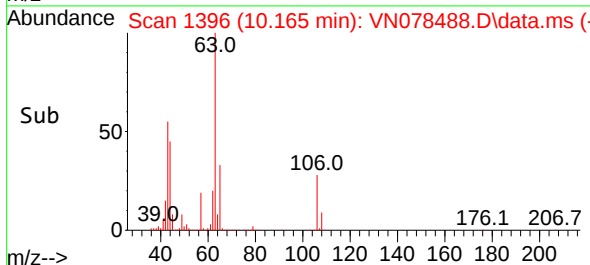
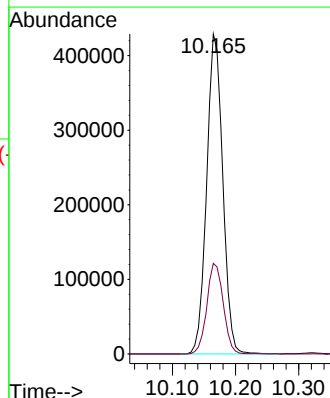
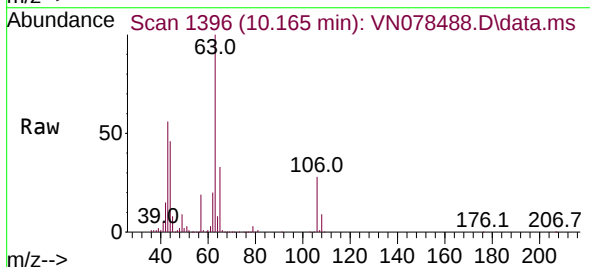
Acq: 13 Jul 2023 10:33

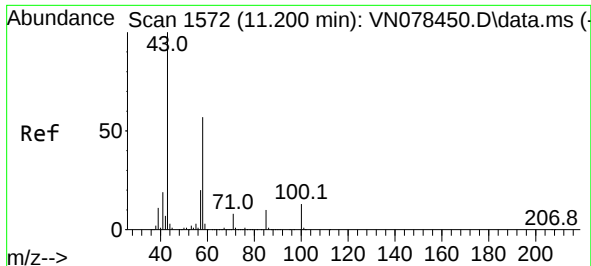
Tgt Ion: 63 Resp: 757721

Ion Ratio Lower Upper

63 100

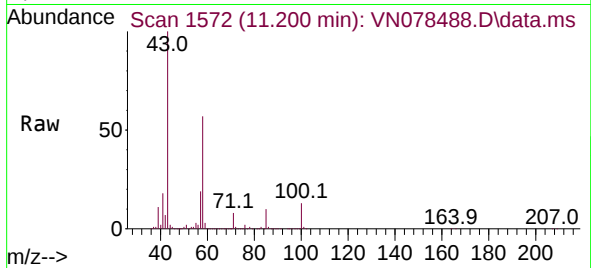
106 28.9 26.2 39.4





#59
2-Hexanone
Concen: 276.100 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

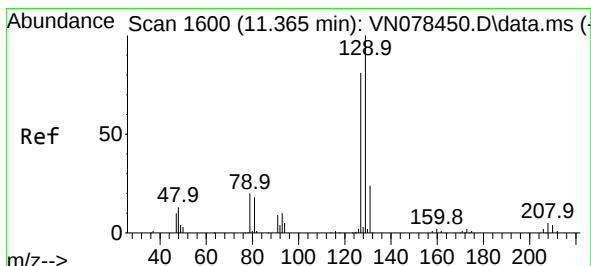
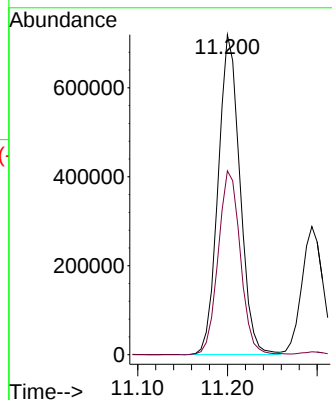
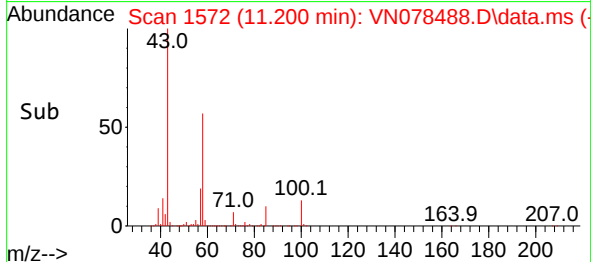
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 121235
Ion Ratio Lower Upper
43 100
58 58.6 31.7 95.1

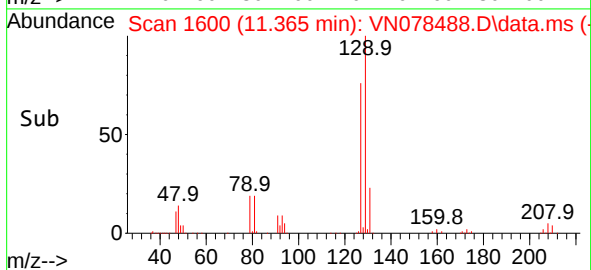
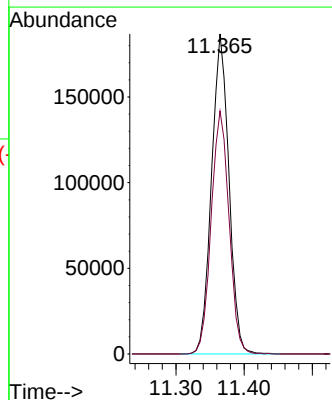
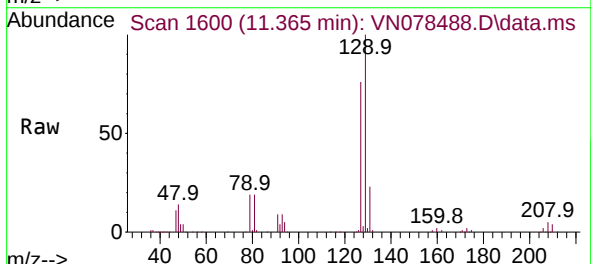
Manual Integrations
APPROVED

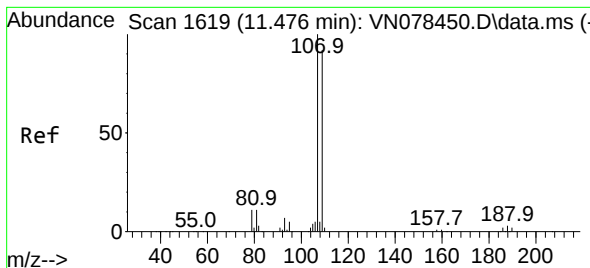
Reviewed By :John Carbone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#60
Dibromochloromethane
Concen: 54.891 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

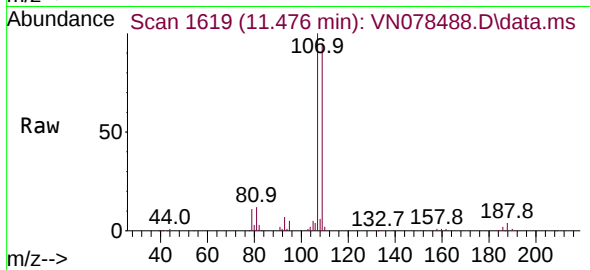
Tgt Ion:129 Resp: 331782
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.377 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

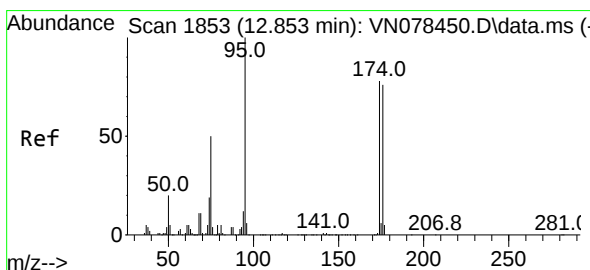
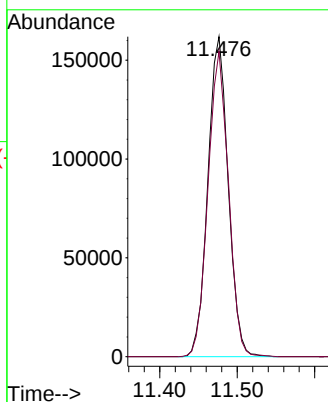
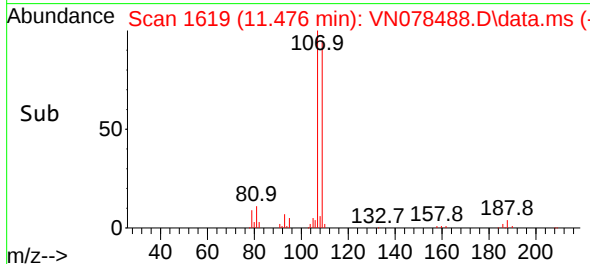
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



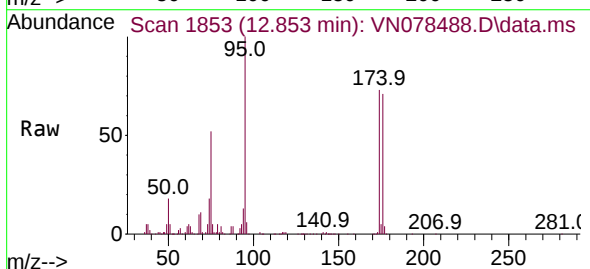
Tgt Ion:107 Resp: 29541
Ion Ratio Lower Upper
107 100
109 95.9 76.6 114.8

Manual Integrations
APPROVED

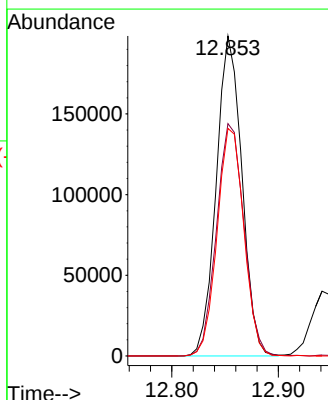
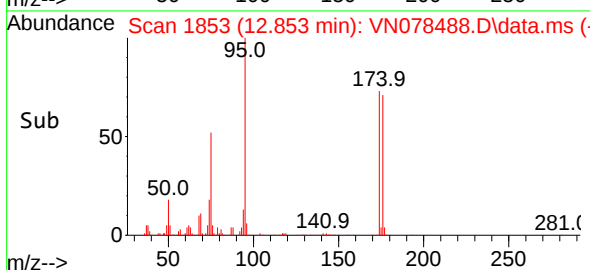
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

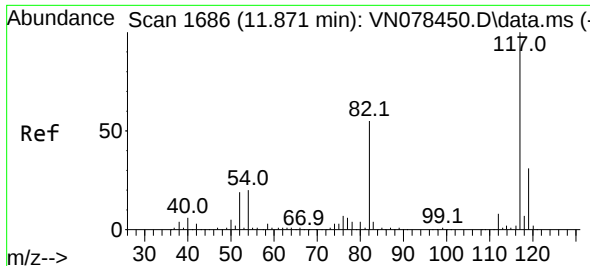


#62
4-Bromofluorobenzene
Concen: 54.410 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33



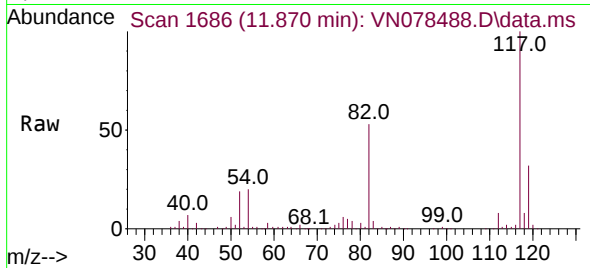
Tgt Ion: 95 Resp: 331851
Ion Ratio Lower Upper
95 100
174 77.4 0.0 143.8
176 73.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

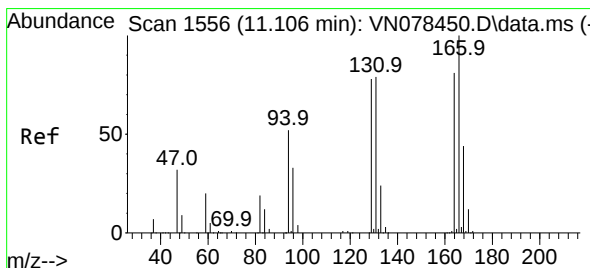
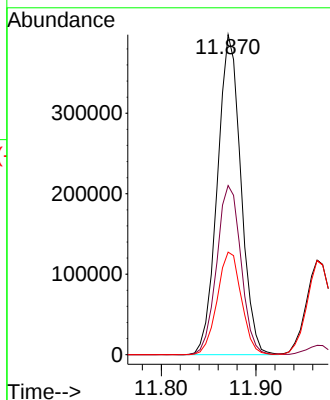
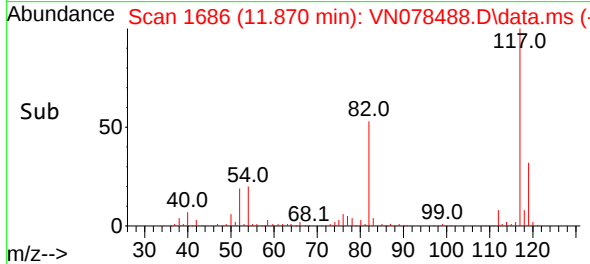
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 686402
Ion Ratio Lower Upper
117 100
82 52.9 44.0 66.0
119 32.0 25.6 38.4

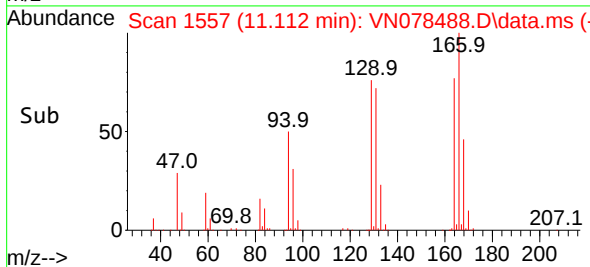
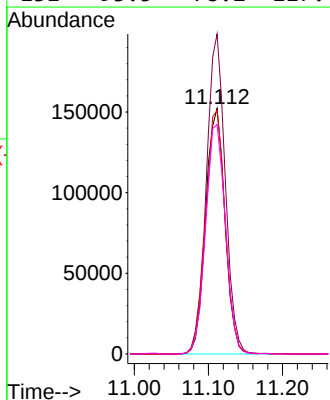
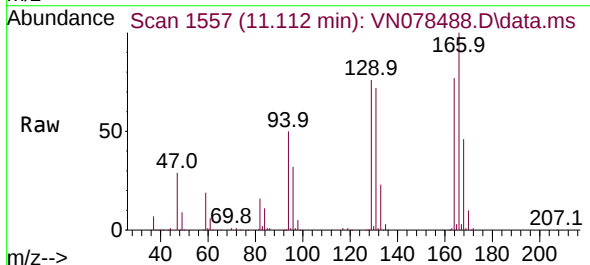
Manual Integrations
APPROVED

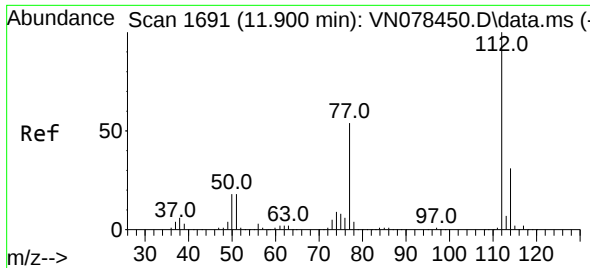
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#64
Tetrachloroethene
Concen: 53.306 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

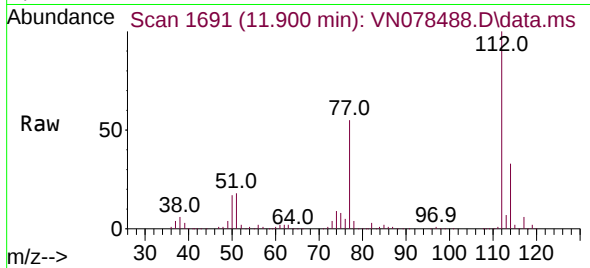
Tgt Ion:164 Resp: 275087
Ion Ratio Lower Upper
164 100
166 130.4 101.4 152.0
129 99.3 82.4 123.6
131 93.5 78.2 117.4





#65
Chlorobenzene
Concen: 51.193 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

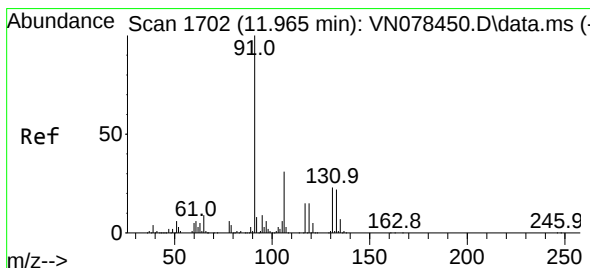
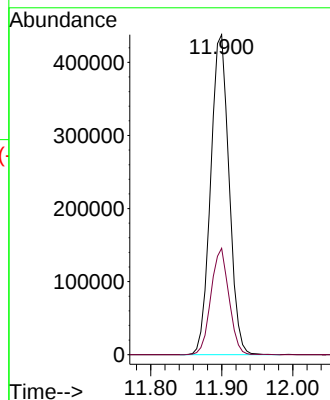
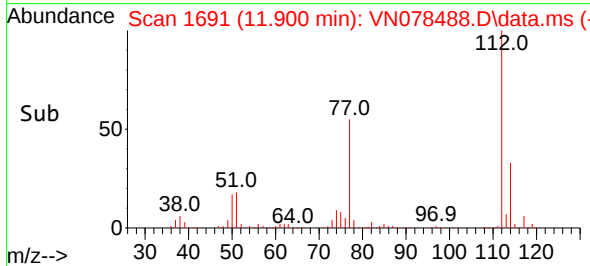
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 785438
Ion Ratio Lower Upper
112 100
114 33.2 25.0 37.4

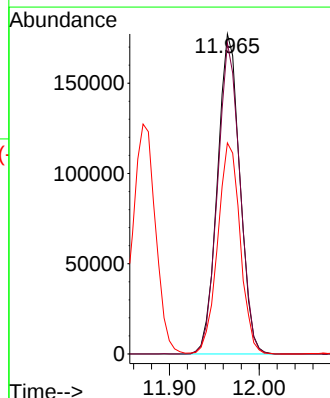
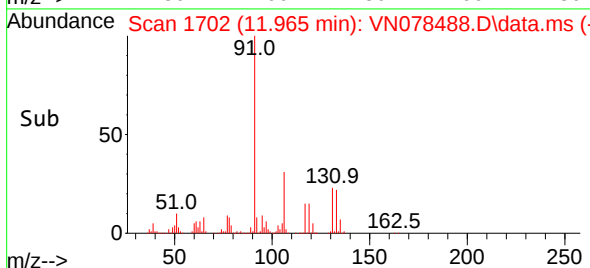
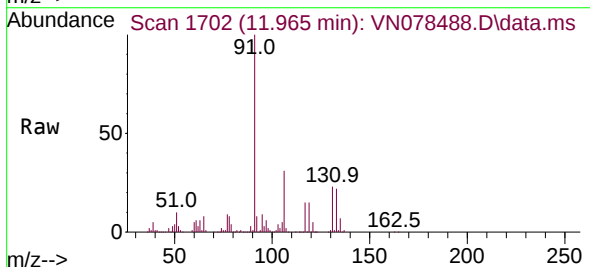
Manual Integrations
APPROVED

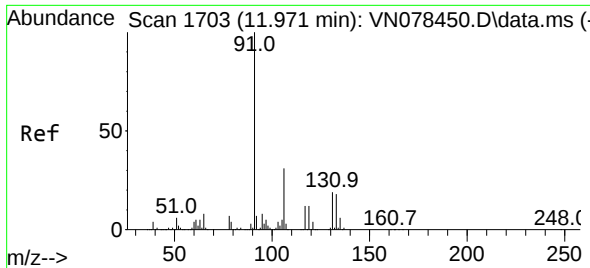
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 52.208 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

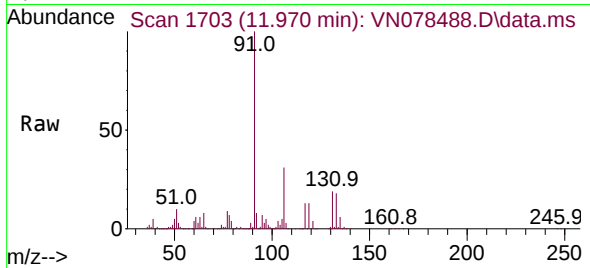
Tgt Ion:131 Resp: 308147
Ion Ratio Lower Upper
131 100
133 96.7 46.4 139.1
119 66.0 34.1 102.2





#67
Ethyl Benzene
Concen: 54.585 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

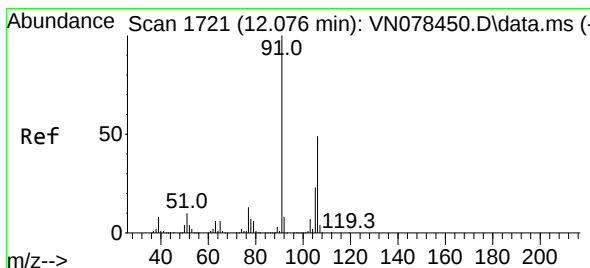
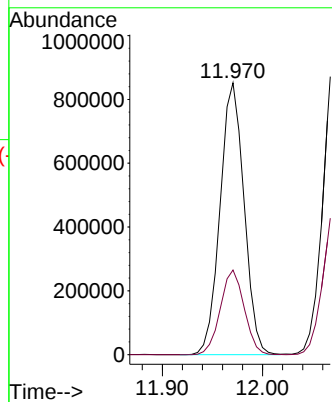
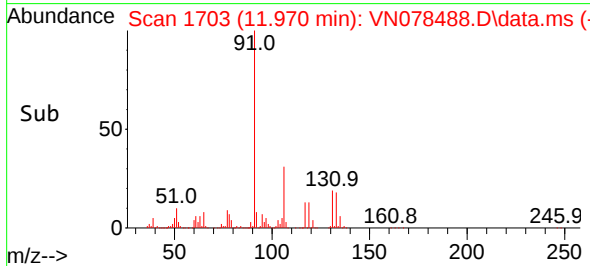
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



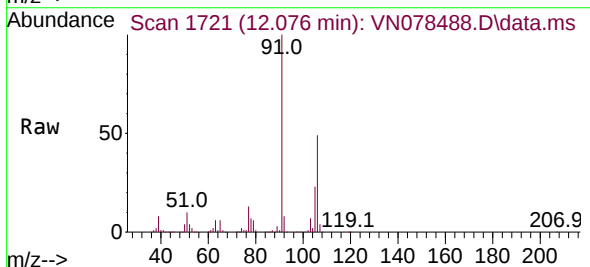
Tgt Ion: 91 Resp: 141562
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4

Manual Integrations
APPROVED

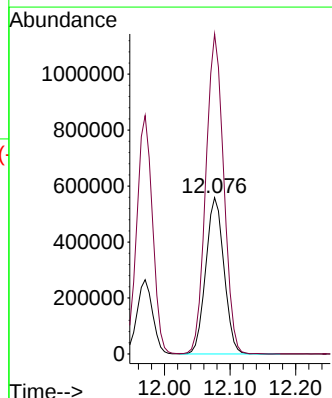
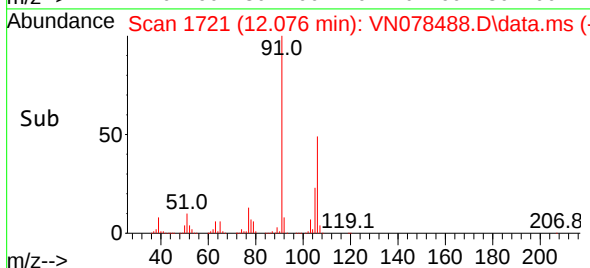
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

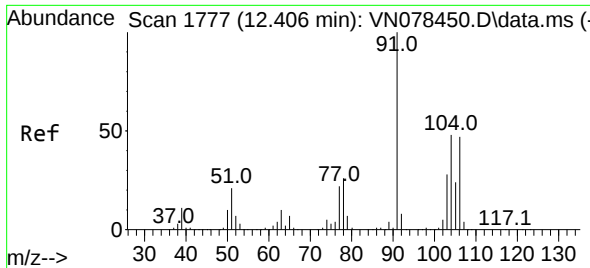


#68
m/p-Xylenes
Concen: 112.432 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33



Tgt Ion:106 Resp: 1078076
Ion Ratio Lower Upper
106 100
91 201.3 159.6 239.4





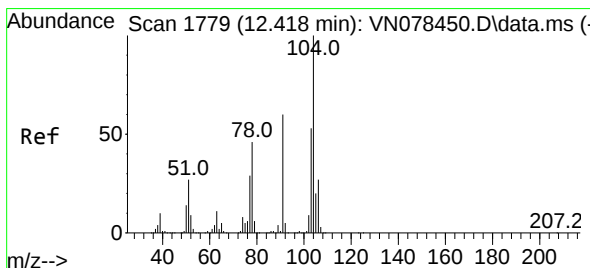
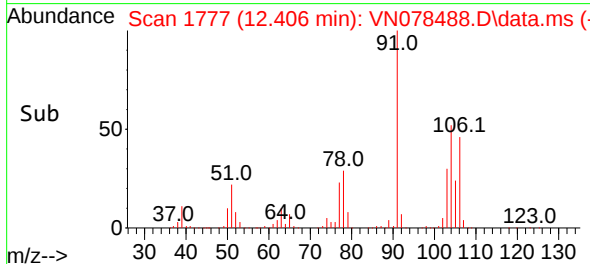
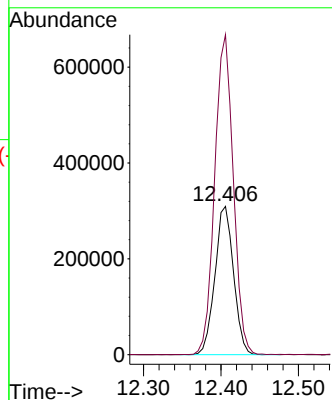
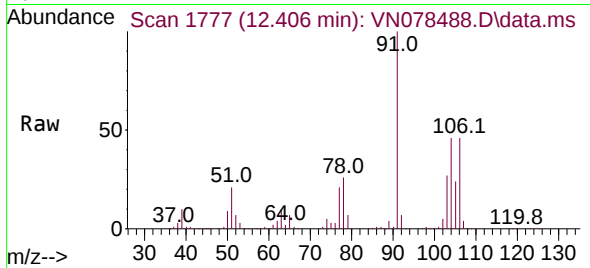
#69
o-Xylene
Concen: 53.564 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 518768
Ion Ratio Lower Upper
106 100
91 215.1 105.2 315.5

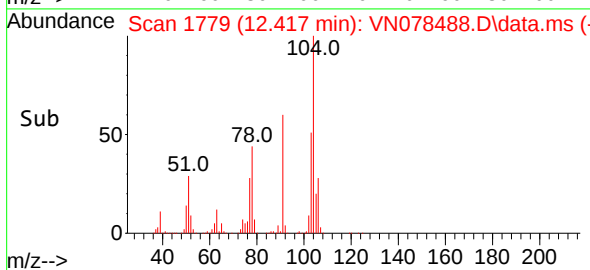
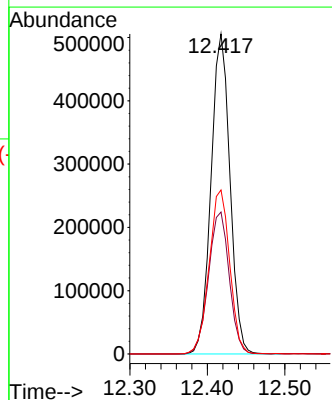
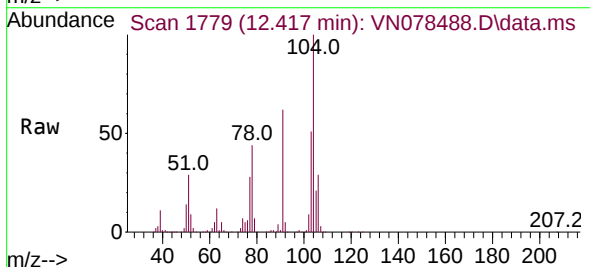
Manual Integrations
APPROVED

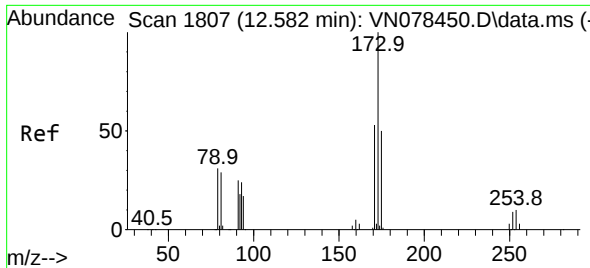
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#70
Styrene
Concen: 56.616 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

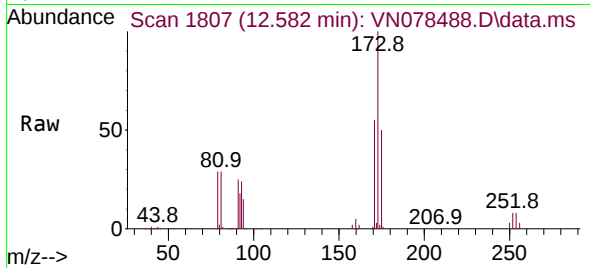
Tgt Ion:104 Resp: 857843
Ion Ratio Lower Upper
104 100
78 48.6 39.5 59.3
103 55.6 43.2 64.8





#71
Bromoform
Concen: 54.149 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

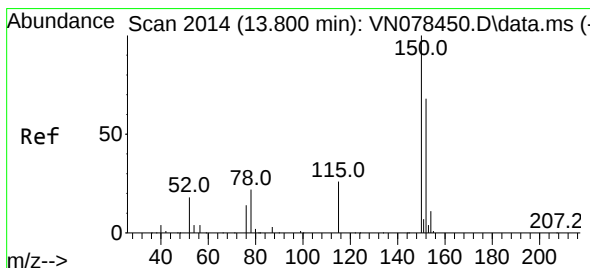
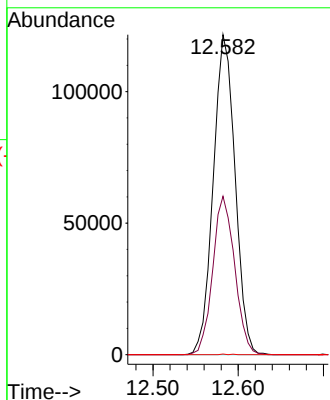
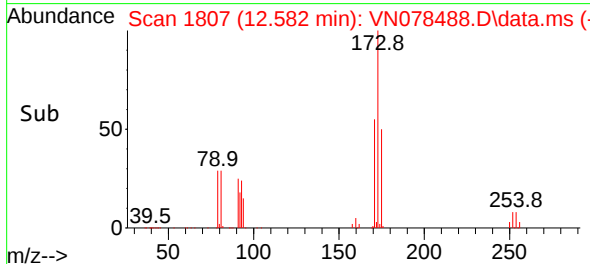
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



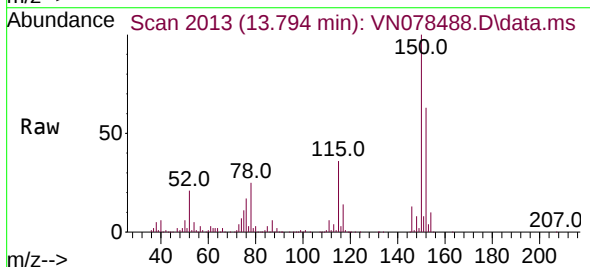
Tgt Ion:173 Resp: 21645
Ion Ratio Lower Upper
173 100
175 49.7 24.3 73.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

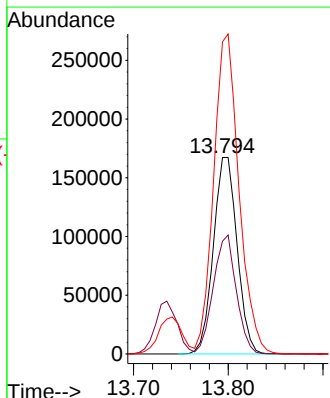
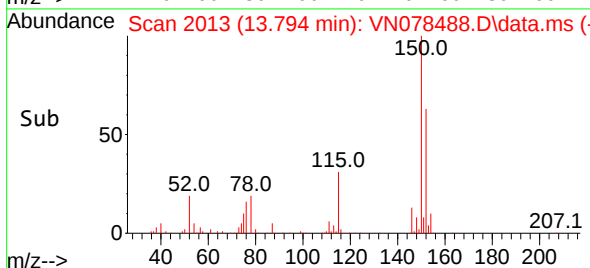
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

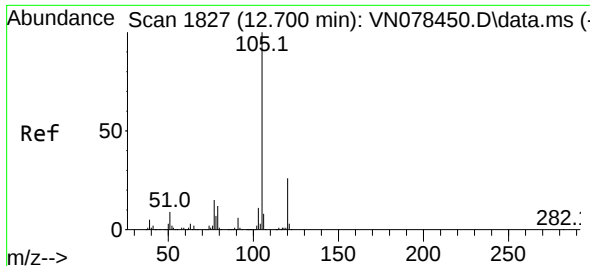


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33



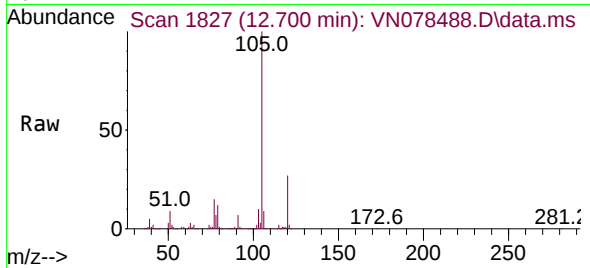
Tgt Ion:152 Resp: 291547
Ion Ratio Lower Upper
152 100
115 58.8 32.3 96.8
150 173.5 0.0 355.8





#73
Isopropylbenzene
Concen: 47.752 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

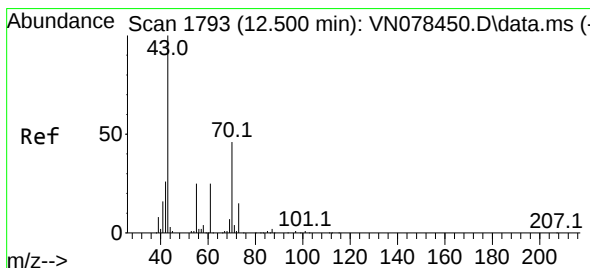
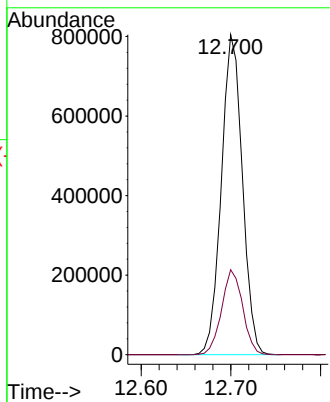
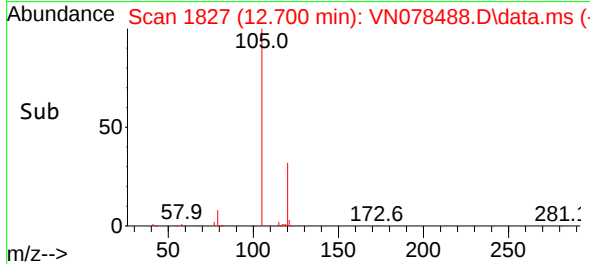
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



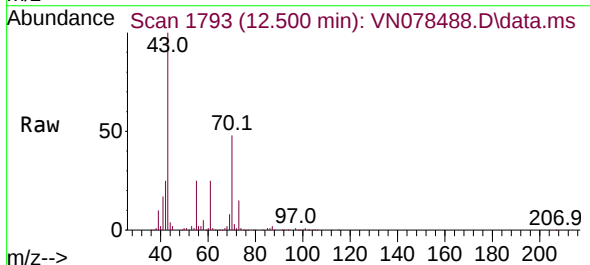
Tgt Ion:105 Resp: 1308169
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

Manual Integrations
APPROVED

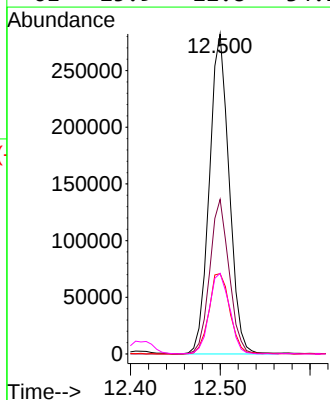
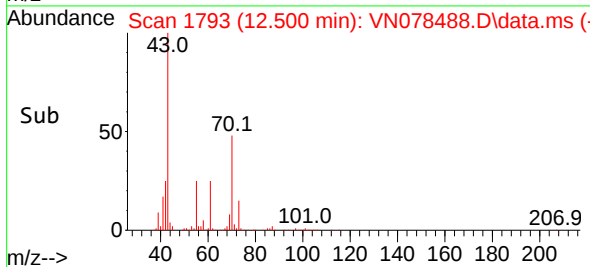
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

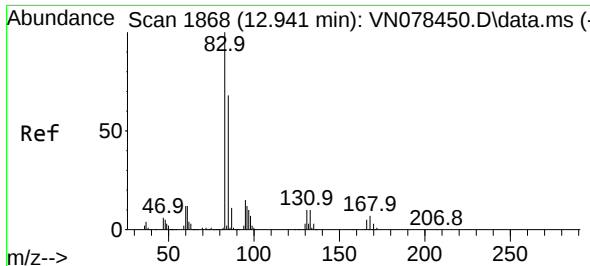


#74
N-ethyl acetate
Concen: 45.785 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33



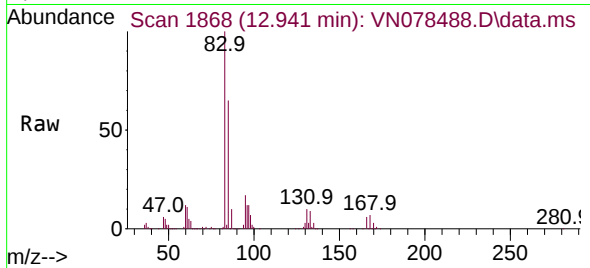
Tgt Ion: 43 Resp: 432244
Ion Ratio Lower Upper
43 100
70 47.3 43.4 65.2
55 26.8 21.4 32.0
61 25.9 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 54.108 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

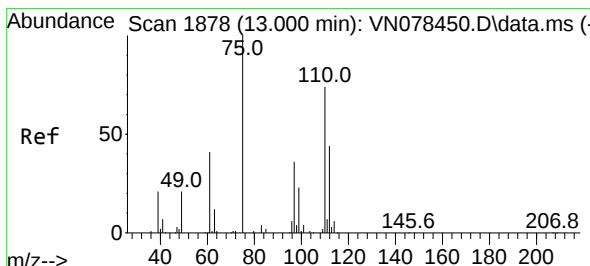
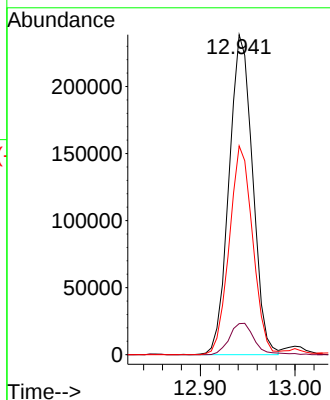
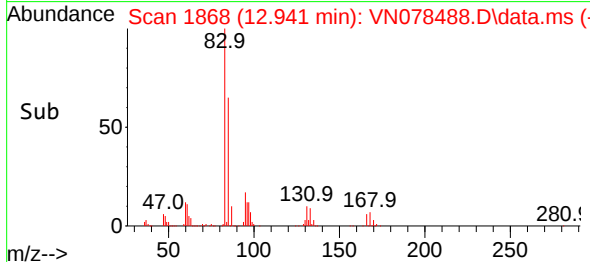
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



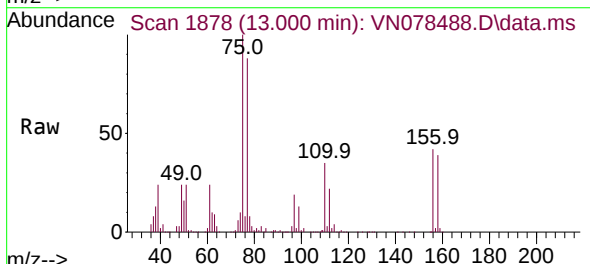
Tgt Ion: 83 Resp: 41206
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 64.9 31.9 95.7

Manual Integrations
APPROVED

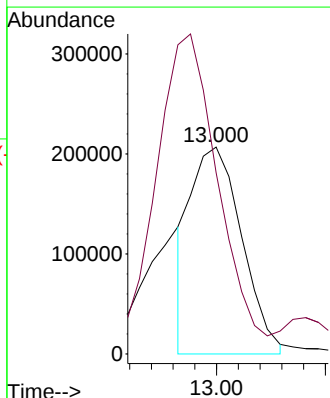
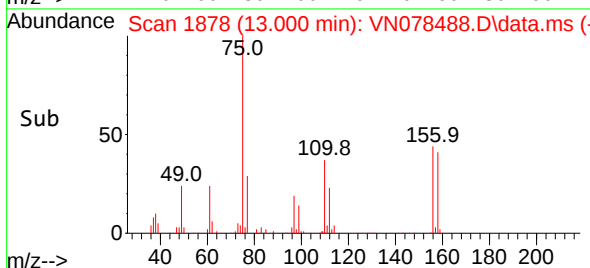
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

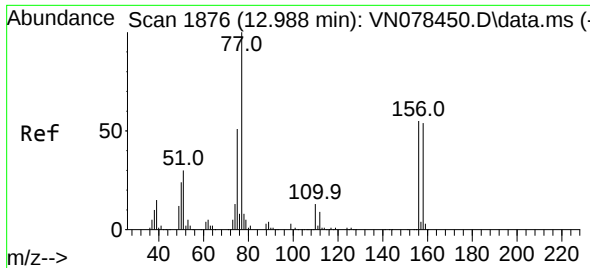


#76
1,2,3-Trichloropropane
Concen: 47.849 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33



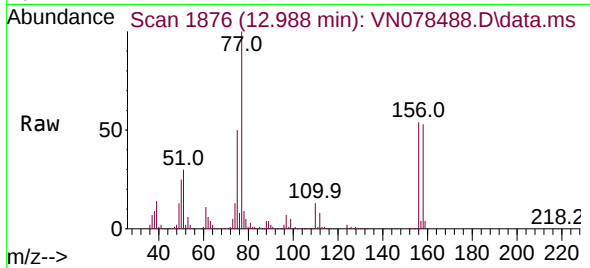
Tgt Ion: 75 Resp: 337197
Ion Ratio Lower Upper
75 100
77 189.9 84.5 253.5





#77
Bromobenzene
Concen: 52.247 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

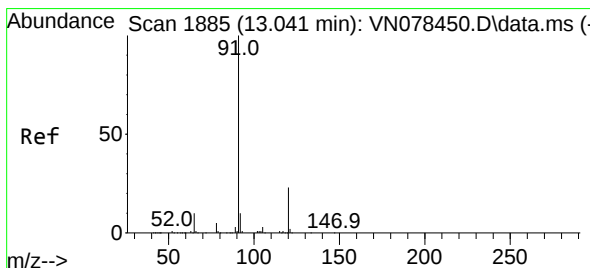
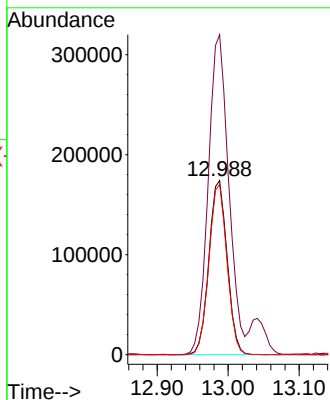
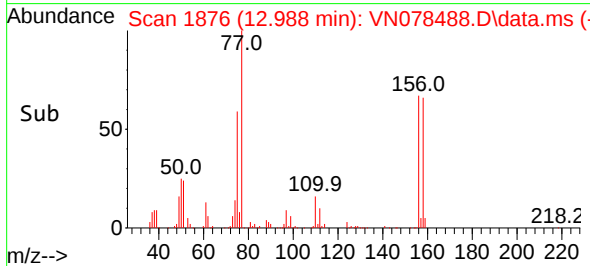
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



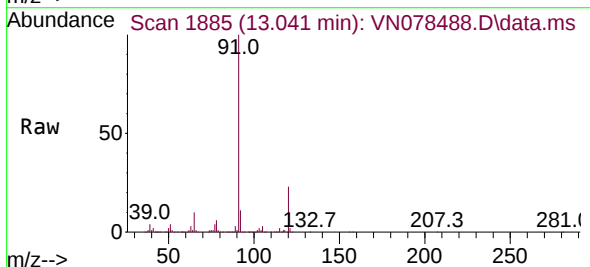
Tgt Ion:156 Resp: 310850
Ion Ratio Lower Upper
156 100
77 206.0 107.7 323.3
158 96.5 48.4 145.3

Manual Integrations
APPROVED

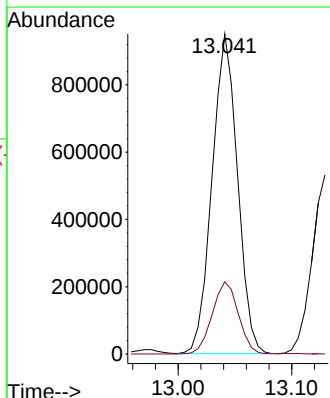
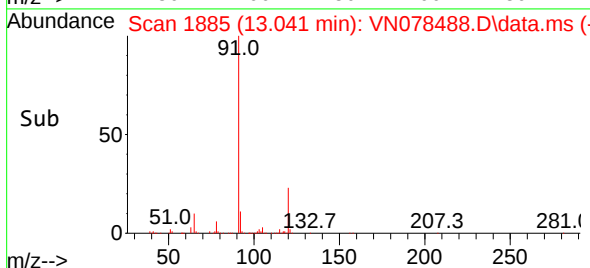
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

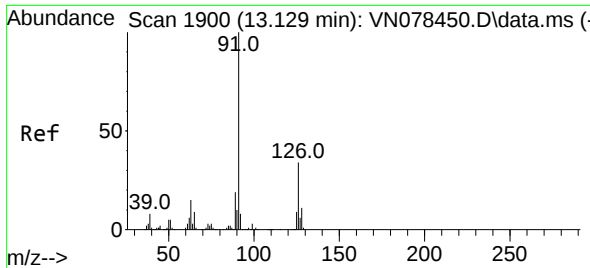


#78
n-propylbenzene
Concen: 50.422 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33



Tgt Ion: 91 Resp: 1477247
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





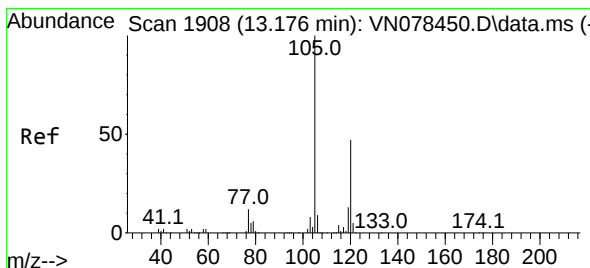
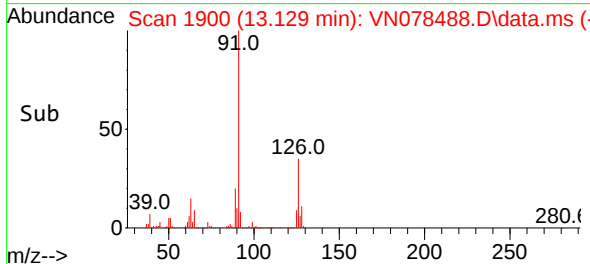
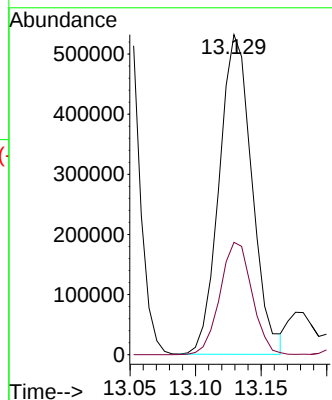
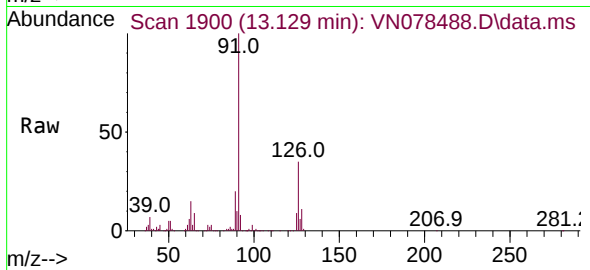
#79
2-Chlorotoluene
Concen: 48.140 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 92381
Ion Ratio Lower Upper
91 100
126 34.3 16.3 48.8

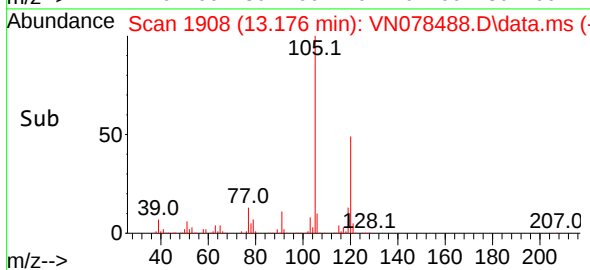
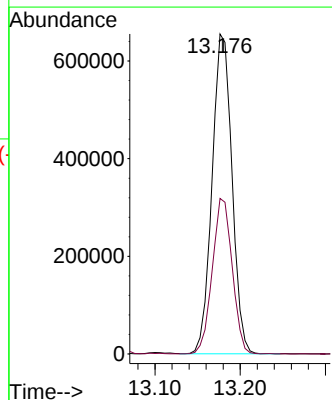
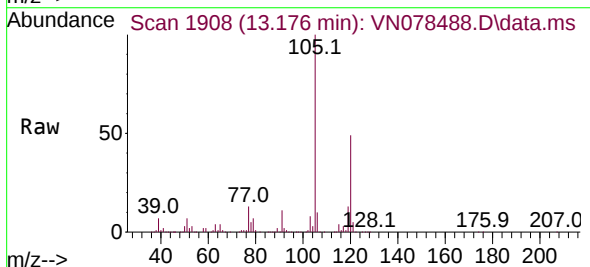
Manual Integrations
APPROVED

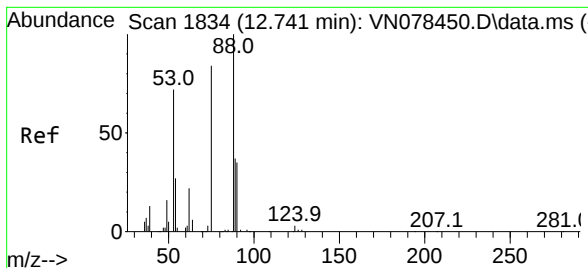
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.090 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

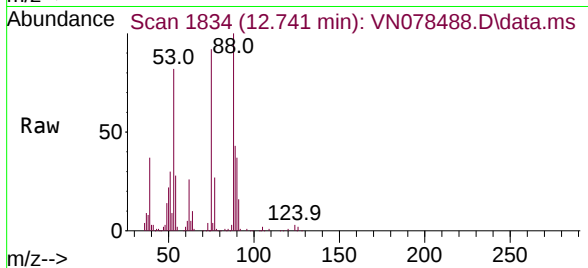
Tgt Ion:105 Resp: 1062579
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 48.338 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

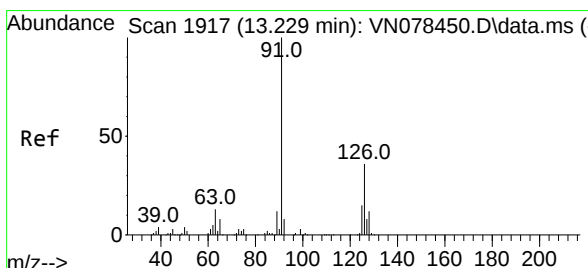
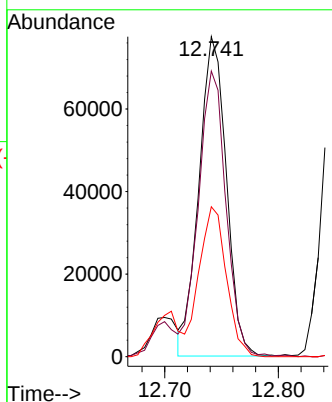
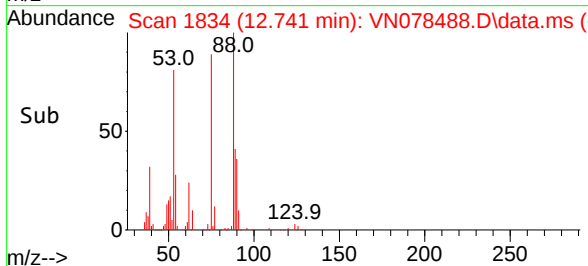
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 129630
Ion Ratio Lower Upper
75 100
53 90.6 67.4 101.2
89 46.3 38.8 58.2

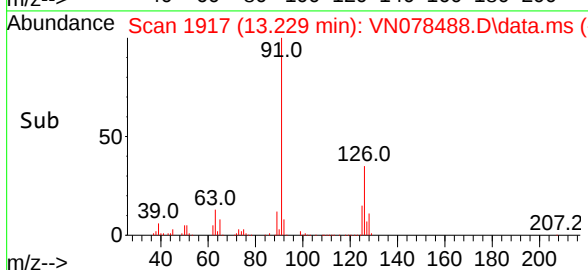
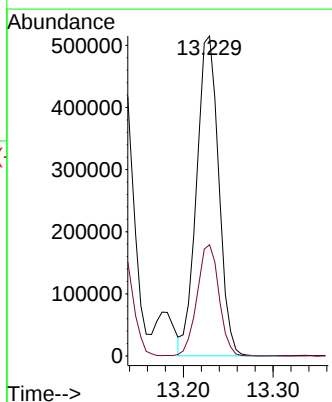
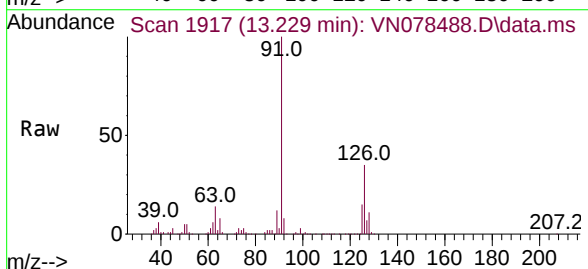
Manual Integrations
APPROVED

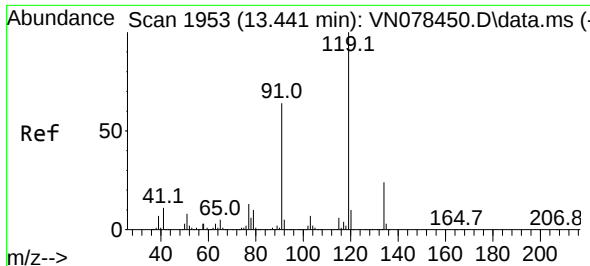
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#82
4-Chlorotoluene
Concen: 49.192 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

Tgt Ion: 91 Resp: 880634
Ion Ratio Lower Upper
91 100
126 34.5 16.7 50.0





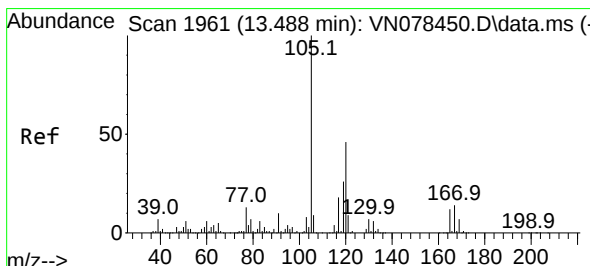
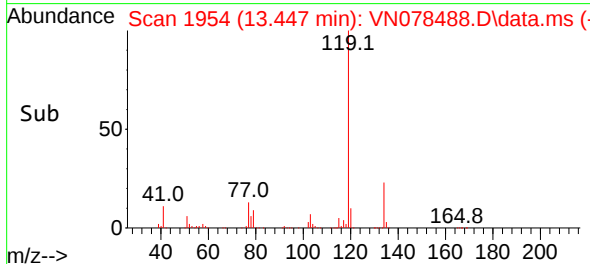
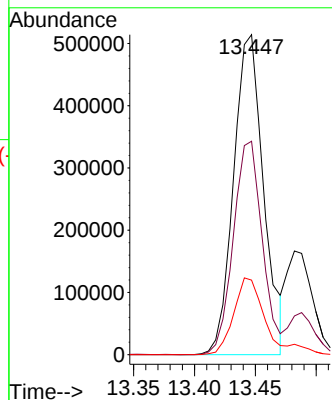
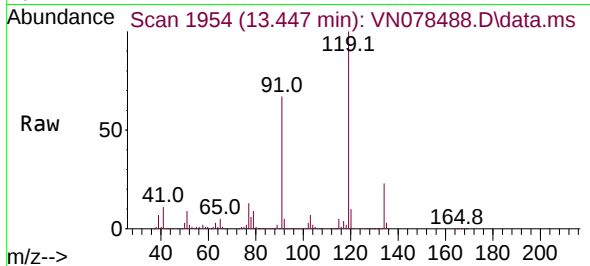
#83
tert-Butylbenzene
Concen: 47.977 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 881688
Ion Ratio Lower Upper
119 100
91 64.5 33.9 101.7
134 25.7 13.2 39.6

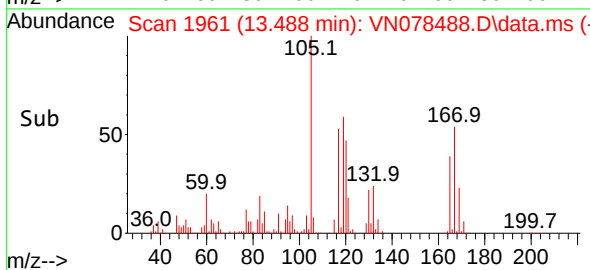
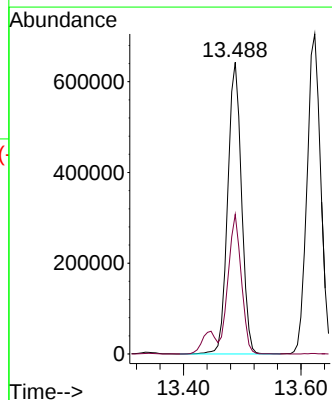
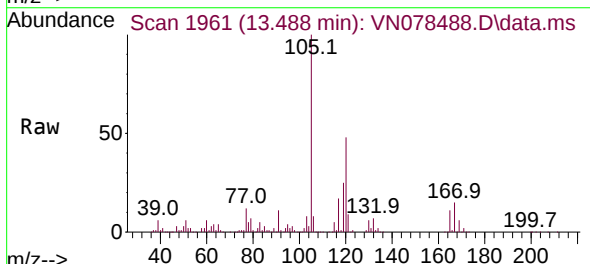
Manual Integrations
APPROVED

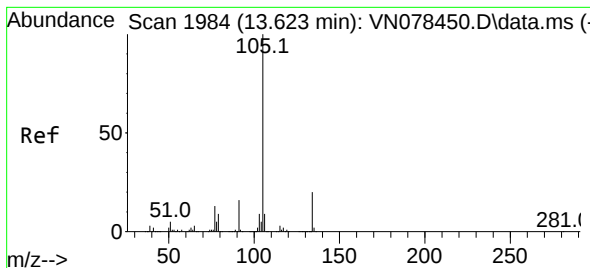
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.733 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

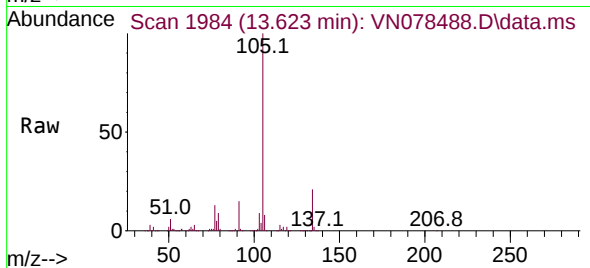
Tgt Ion:105 Resp: 1045626
Ion Ratio Lower Upper
105 100
120 45.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 49.042 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078488.D
 Acq: 13 Jul 2023 10:33

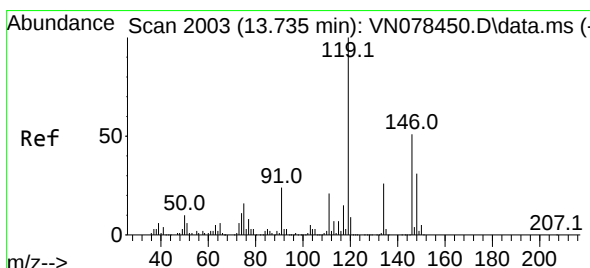
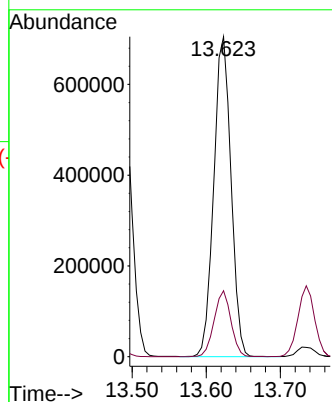
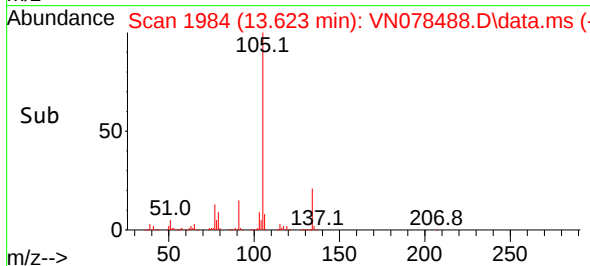
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



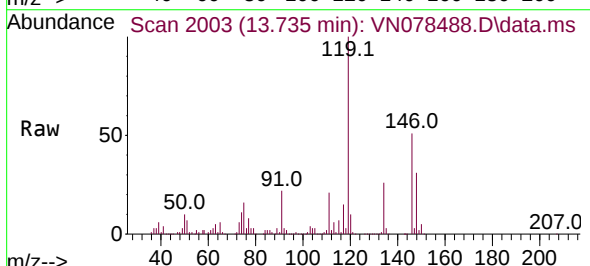
Tgt Ion:105 Resp: 113918
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

Manual Integrations
 APPROVED

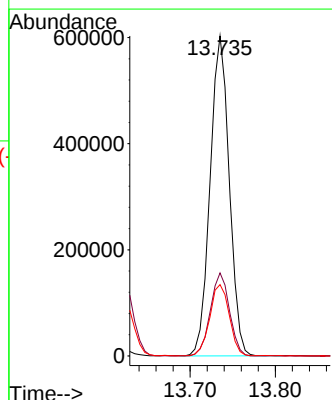
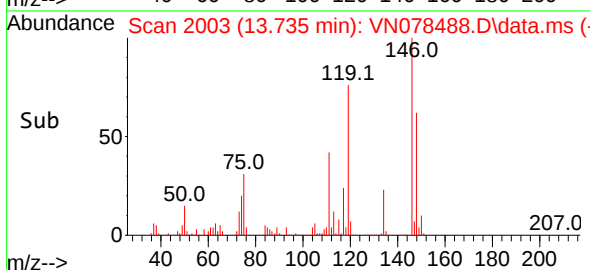
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023

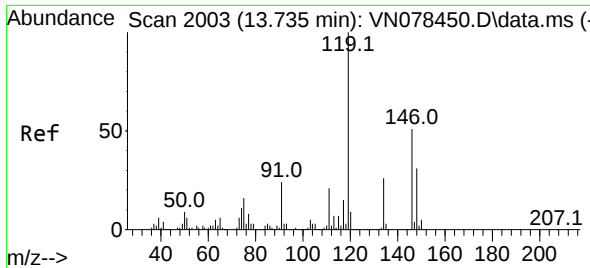


#86
 p-Isopropyltoluene
 Concen: 50.365 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078488.D
 Acq: 13 Jul 2023 10:33



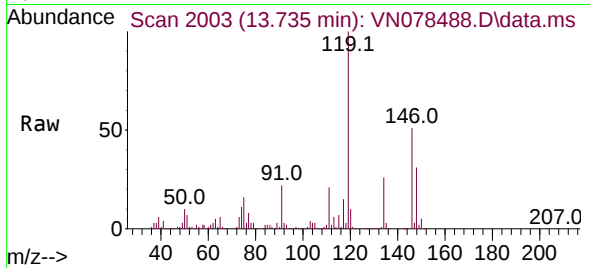
Tgt Ion:119 Resp: 939396
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 22.7 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 50.538 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078488.D
 Acq: 13 Jul 2023 10:33

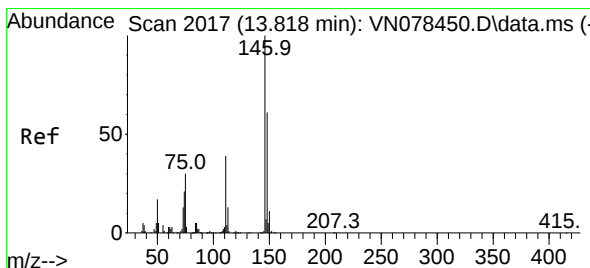
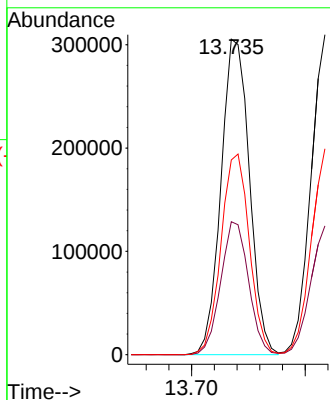
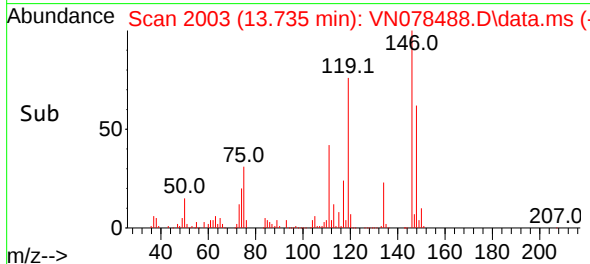
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:146 Resp: 531499
 Ion Ratio Lower Upper
 146 100
 111 41.3 22.1 66.3
 148 63.4 32.0 96.0

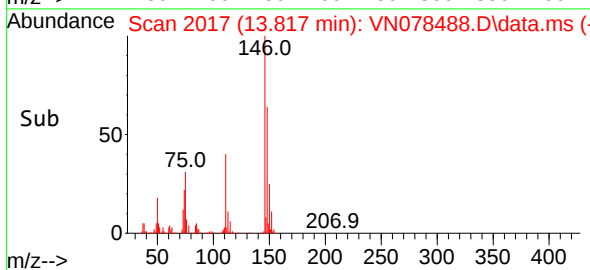
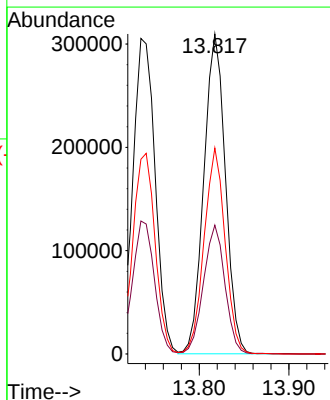
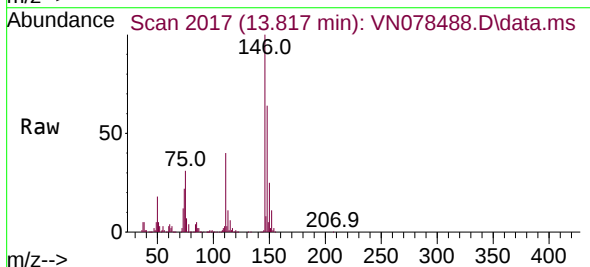
Manual Integrations
 APPROVED

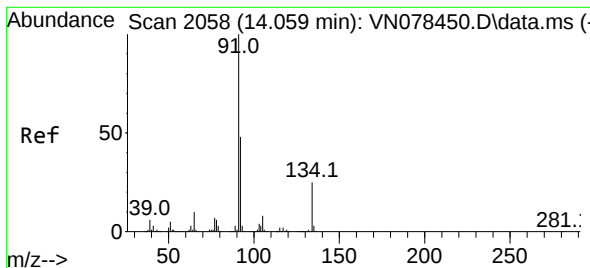
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023



#88
 1,4-Dichlorobenzene
 Concen: 48.783 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.001 min
 Lab File: VN078488.D
 Acq: 13 Jul 2023 10:33

Tgt Ion:146 Resp: 516756
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.6 61.8
 148 62.9 31.6 94.8





#89

n-Butylbenzene

Concen: 51.342 ug/l

RT: 14.064 min Scan# 2058

Delta R.T. 0.005 min

Lab File: VN078488.D

Acq: 13 Jul 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

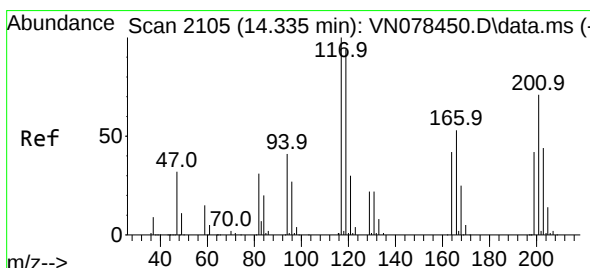
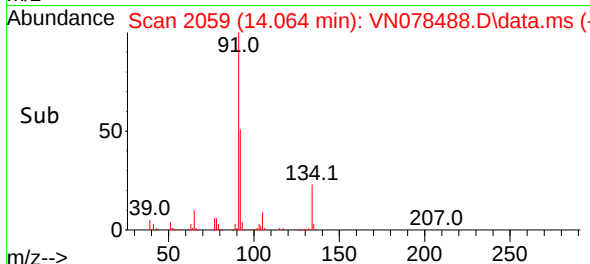
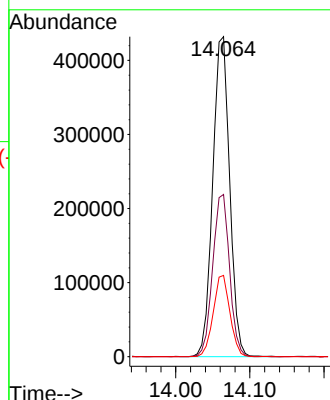
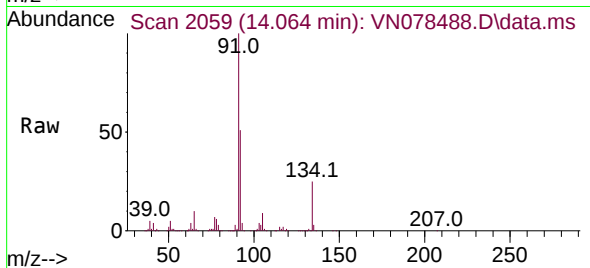
Tgt Ion:	91	Resp:	685180
Ion Ratio	Lower	Upper	
91	100		
92	50.6	26.4	79.0
134	25.1	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#90

Hexachloroethane

Concen: 52.626 ug/l

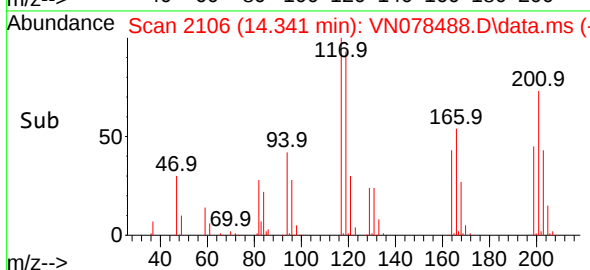
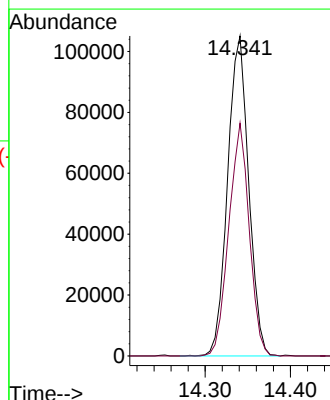
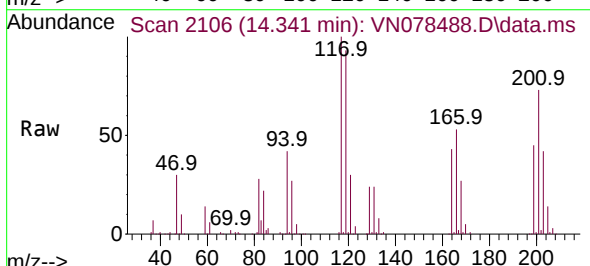
RT: 14.341 min Scan# 2106

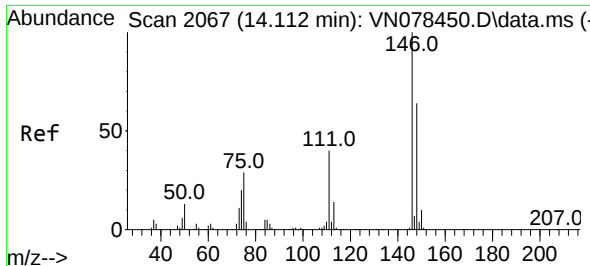
Delta R.T. 0.006 min

Lab File: VN078488.D

Acq: 13 Jul 2023 10:33

Tgt Ion:	117	Resp:	180265
Ion Ratio	Lower	Upper	
117	100		
201	70.6	29.3	88.0





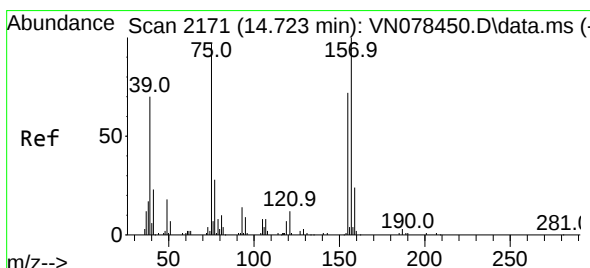
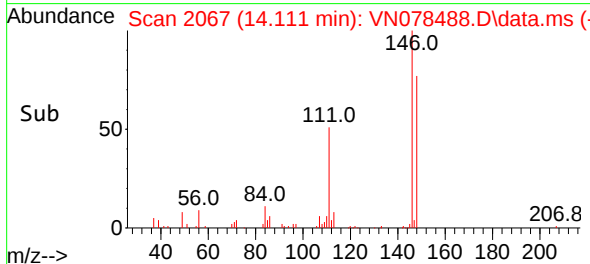
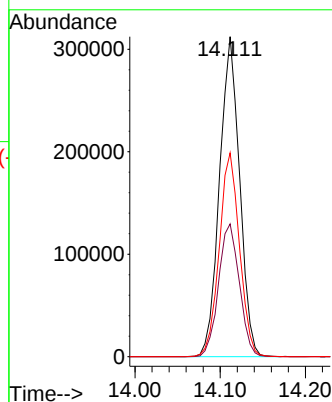
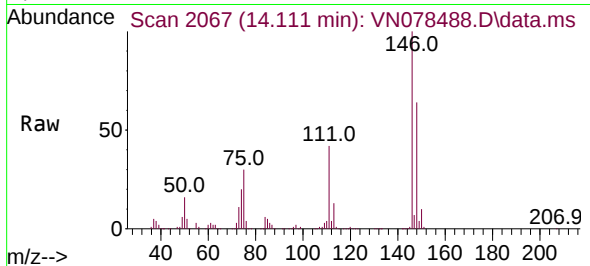
#91
1,2-Dichlorobenzene
Concen: 48.793 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 51067
Ion Ratio Lower Upper
146 100
111 43.1 22.0 66.0
148 64.2 31.8 95.3

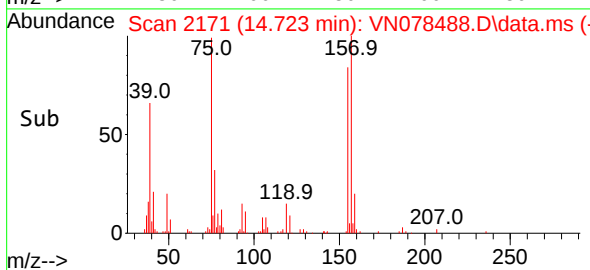
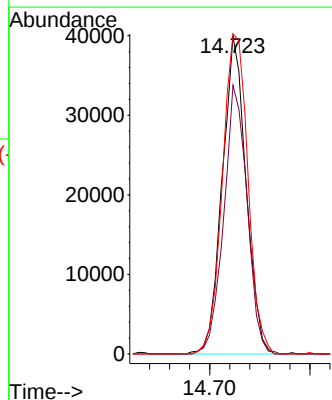
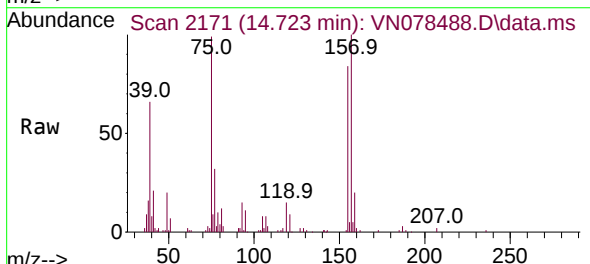
Manual Integrations
APPROVED

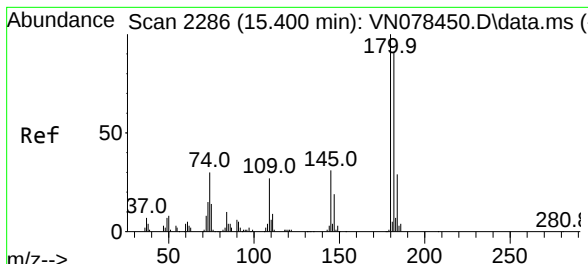
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.150 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

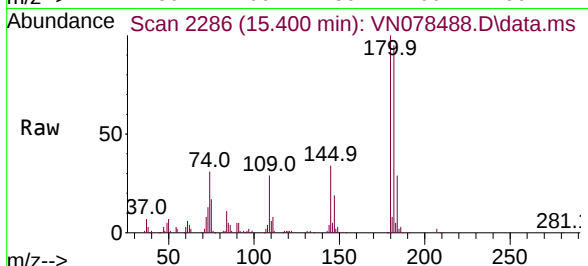
Tgt Ion: 75 Resp: 65764
Ion Ratio Lower Upper
75 100
155 82.9 39.1 117.2
157 107.9 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 50.089 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

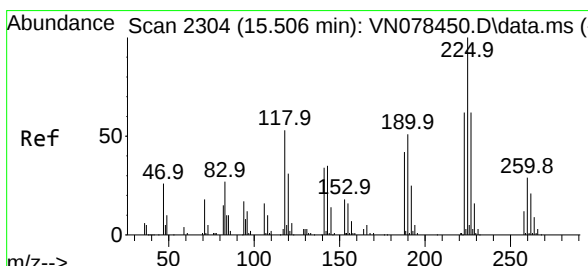
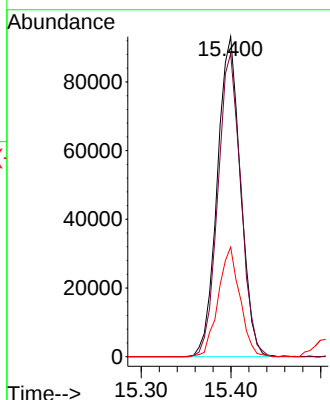
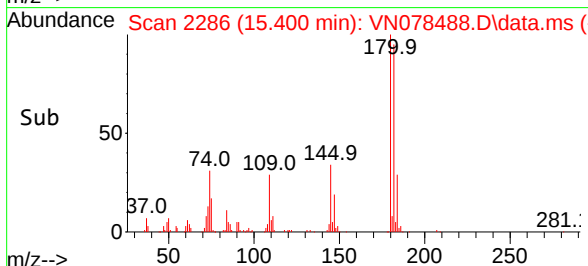
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



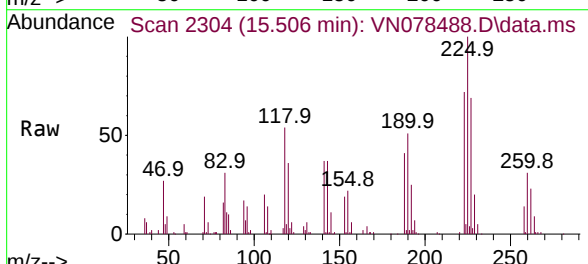
Tgt Ion:180 Resp: 167310
Ion Ratio Lower Upper
180 100
182 93.6 46.1 138.2
145 32.0 16.6 49.8

Manual Integrations
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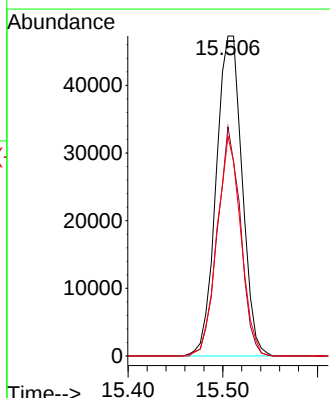
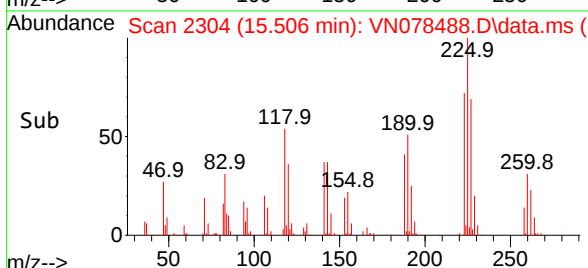
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

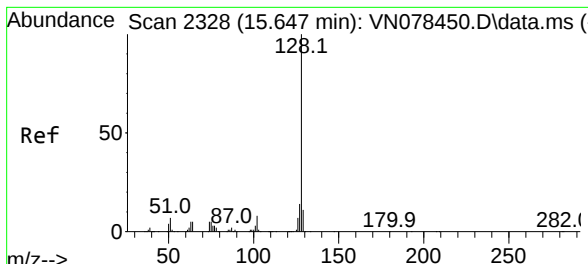


#94
Hexachlorobutadiene
Concen: 52.279 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33



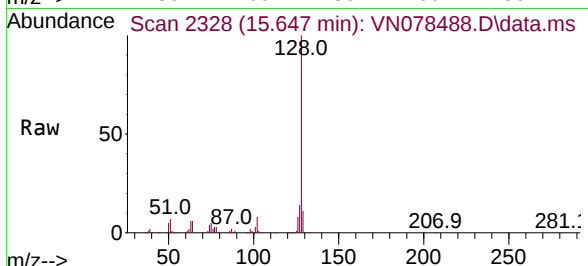
Tgt Ion:225 Resp: 90011
Ion Ratio Lower Upper
225 100
223 63.6 31.3 93.8
227 63.2 31.9 95.9





#95
Naphthalene
Concen: 42.987 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

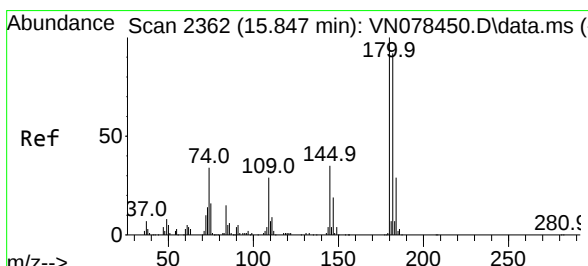
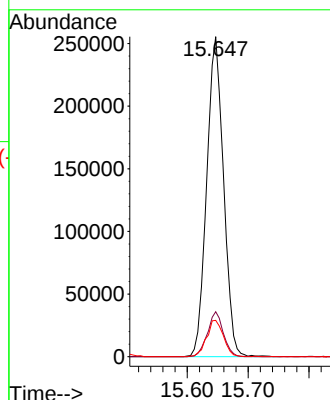
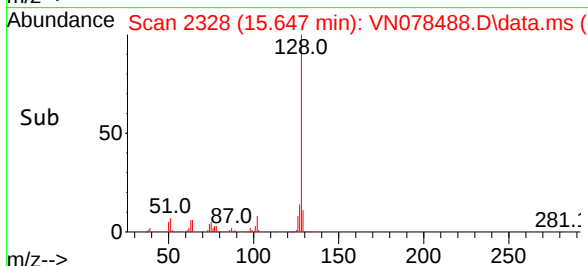
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 49088
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.3 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 46.325 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078488.D
Acq: 13 Jul 2023 10:33

Tgt Ion:180 Resp: 177925
Ion Ratio Lower Upper
180 100
182 97.0 46.2 138.6
145 34.7 17.5 52.6

