

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077962.D
 Acq On : 30 May 2023 12:15
 Operator : JC\MD
 Sample : VN0530WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0530WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
 Supervised By :Mahesh Dadoda 05/31/2023

Quant Time: May 31 02:05:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	338360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	598478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	531255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	215365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	261430	51.638	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.280%			
35) Dibromofluoromethane	8.171	113	219906	56.348	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.700%			
50) Toluene-d8	10.570	98	795455	52.955	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.900%			
62) 4-Bromofluorobenzene	12.853	95	266551	50.243	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	72528	18.835	ug/l	99
3) Chloromethane	2.371	50	80283	18.537	ug/l	98
4) Vinyl Chloride	2.524	62	98035	20.193	ug/l	94
5) Bromomethane	2.959	94	77798	21.667	ug/l	99
6) Chloroethane	3.130	64	73198	20.920	ug/l	98
7) Trichlorofluoromethane	3.506	101	142703	21.091	ug/l	91
8) Diethyl Ether	3.965	74	54320	21.991	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.377	101	81836	21.856	ug/l	98
10) Methyl Iodide	4.600	142	106491	23.847	ug/l	99
11) Tert butyl alcohol	5.530	59	71952	102.979	ug/l	99
12) 1,1-Dichloroethene	4.347	96	74037	20.804	ug/l	85
13) Acrolein	4.189	56	47189	90.195	ug/l	91
14) Allyl chloride	5.041	41	108782	20.807	ug/l	92
15) Acrylonitrile	5.730	53	193778	103.809	ug/l	96
16) Acetone	4.441	43	159733	100.284	ug/l	99
17) Carbon Disulfide	4.718	76	186386	19.438	ug/l	100
18) Methyl Acetate	5.036	43	147011	22.001	ug/l	88
19) Methyl tert-butyl Ether	5.806	73	275289	21.371	ug/l	97
20) Methylene Chloride	5.288	84	97966	22.546	ug/l #	87
21) trans-1,2-Dichloroethene	5.800	96	82842	20.723	ug/l	93
22) Diisopropyl ether	6.683	45	265955	21.703	ug/l #	92
23) Vinyl Acetate	6.612	43	776619	102.289	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	167461	22.306	ug/l	97
25) 2-Butanone	7.494	43	247141	99.189	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	138294	21.683	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	108201	22.574	ug/l	95
28) Bromochloromethane	7.824	49	68176	20.998	ug/l	89
29) Tetrahydrofuran	7.847	42	154689	94.814	ug/l	88
30) Chloroform	7.977	83	184010	22.281	ug/l	96
31) Cyclohexane	8.265	56	139675	20.299	ug/l	88
32) 1,1,1-Trichloroethane	8.177	97	157444	22.424	ug/l	95
36) 1,1-Dichloropropene	8.377	75	128362	22.487	ug/l	96
37) Ethyl Acetate	7.565	43	104502	20.540	ug/l #	94
38) Carbon Tetrachloride	8.371	117	137827	23.911	ug/l	100
39) Methylcyclohexane	9.606	83	149107	21.337	ug/l	94
40) Benzene	8.612	78	389675	23.134	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	54296	20.039	ug/l	91
42) 1,2-Dichloroethane	8.676	62	139356	22.775	ug/l	98
43) Isopropyl Acetate	8.694	43	179690	21.623	ug/l	96
44) Trichloroethene	9.359	130	99845	23.409	ug/l	94
45) 1,2-Dichloropropane	9.629	63	99459	23.148	ug/l	100
46) Dibromomethane	9.718	93	70814	23.033	ug/l	95
47) Bromodichloromethane	9.894	83	139650	23.725	ug/l	95
48) Methyl methacrylate	9.688	41	85249	21.636	ug/l	86
49) 1,4-Dioxane	9.706	88	35251	473.693	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	543943	110.116	ug/l	92
52) Toluene	10.635	92	248568	23.703	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	142537	22.867	ug/l	93
54) cis-1,3-Dichloropropene	10.318	75	159437	23.211	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	98203	23.585	ug/l	94
56) Ethyl methacrylate	10.882	69	138718	22.034	ug/l	91
57) 1,3-Dichloropropane	11.170	76	169571	23.756	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	279776	90.331	ug/l	92
59) 2-Hexanone	11.200	43	366985	100.441	ug/l	92
60) Dibromochloromethane	11.365	129	105823	24.619	ug/l	99
61) 1,2-Dibromoethane	11.476	107	97154	23.389	ug/l	99
64) Tetrachloroethene	11.112	164	94428	25.417	ug/l	96
65) Chlorobenzene	11.900	112	267358	23.214	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.964	131	99937	25.078	ug/l	97
67) Ethyl Benzene	11.970	91	465321	22.546	ug/l	99
68) m/p-Xylenes	12.076	106	365327	46.715	ug/l	100
69) o-Xylene	12.406	106	175546	22.825	ug/l	96
70) Styrene	12.417	104	280816	22.985	ug/l	99
71) Bromoform	12.588	173	64689	24.402	ug/l #	99
73) Isopropylbenzene	12.700	105	449182	24.196	ug/l	100
74) N-amyl acetate	12.500	43	141083	20.560	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.947	83	130925	22.924	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	127880m	23.710	ug/l	
77) Bromobenzene	12.988	156	100872	23.810	ug/l	96
78) n-propylbenzene	13.041	91	516527	23.600	ug/l	100
79) 2-Chlorotoluene	13.129	91	316024	24.198	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	382950	24.544	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	35409	20.986	ug/l	91
82) 4-Chlorotoluene	13.229	91	293019	22.550	ug/l	98
83) tert-Butylbenzene	13.447	119	316626	23.245	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	373847	24.363	ug/l	98
85) sec-Butylbenzene	13.623	105	441074	22.785	ug/l	99
86) p-Isopropyltoluene	13.735	119	367978	23.844	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	175320	22.377	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	167483	21.542	ug/l	98
89) n-Butylbenzene	14.064	91	283030	19.939	ug/l	99
90) Hexachloroethane	14.341	117	62340	24.589	ug/l	92
91) 1,2-Dichlorobenzene	14.111	146	175792	24.017	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22364	20.226	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	64558	15.093	ug/l	98
94) Hexachlorobutadiene	15.511	225	32776	18.456	ug/l	97
95) Naphthalene	15.647	128	186827	12.690	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	66881	15.970	ug/l	100

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Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01

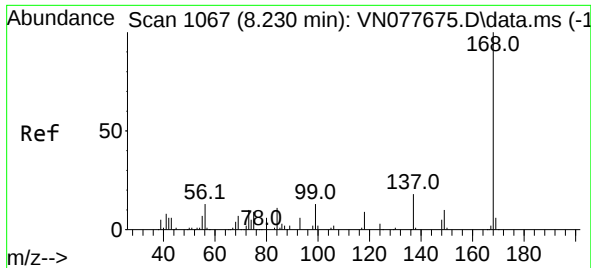
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/31/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



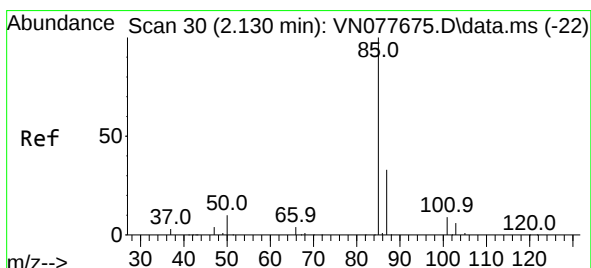
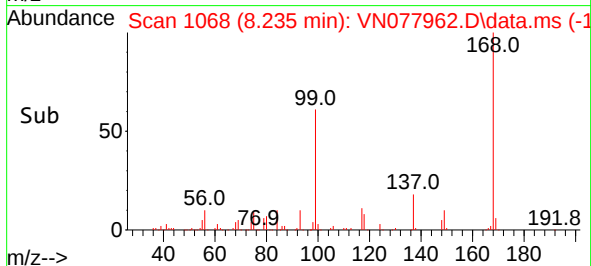
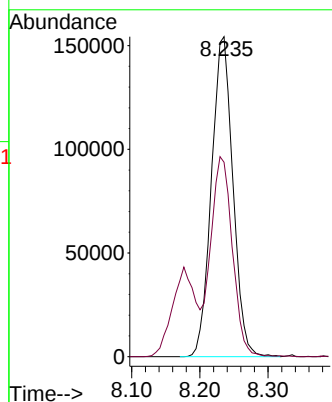
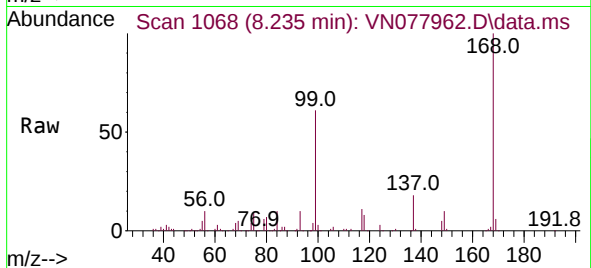
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01

Tgt Ion:168 Resp: 338360
Ion Ratio Lower Upper
168 100
99 60.4 53.0 79.6

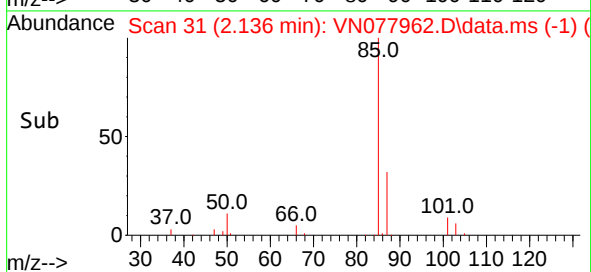
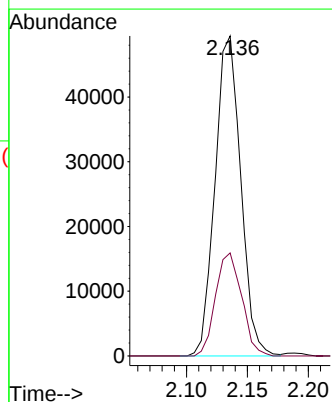
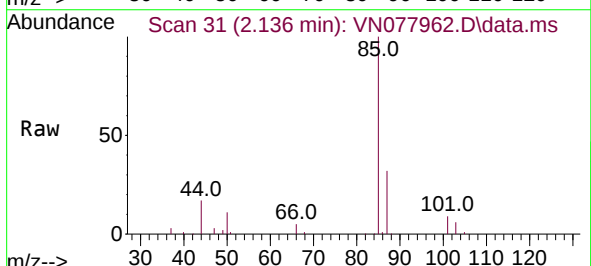
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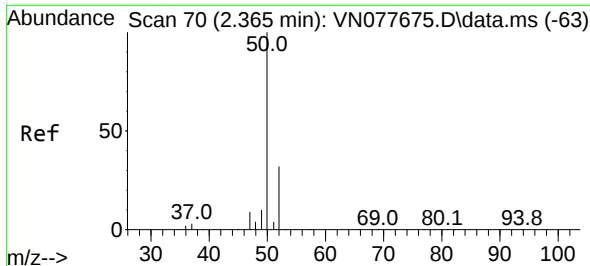
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#2
Dichlorodifluoromethane
Concen: 18.835 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

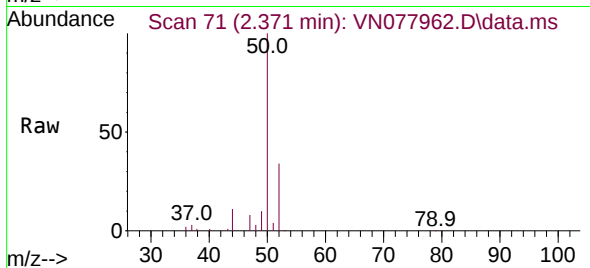
Tgt Ion: 85 Resp: 72528
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.4





#3
Chloromethane
Concen: 18.537 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

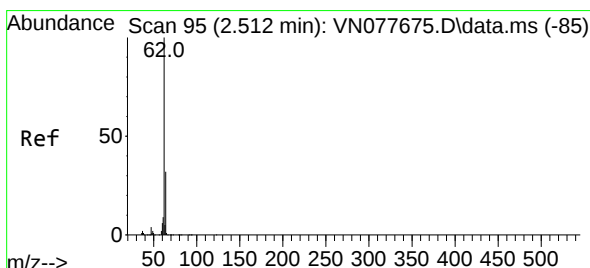
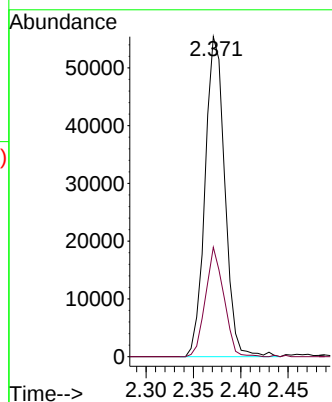
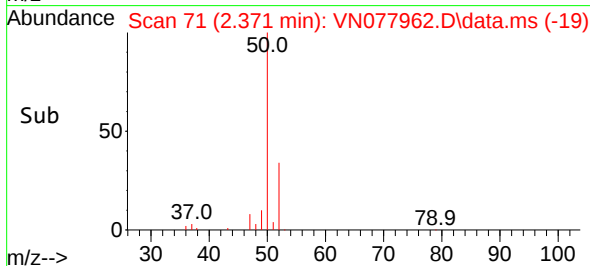
Instrument :
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Tgt Ion: 50 Resp: 8028
Ion Ratio Lower Upper
50 100
52 34.2 26.5 39.7

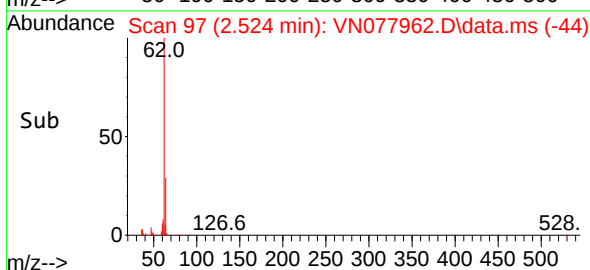
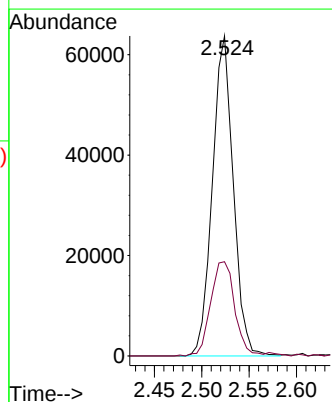
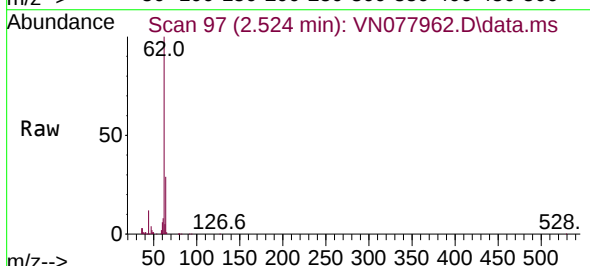
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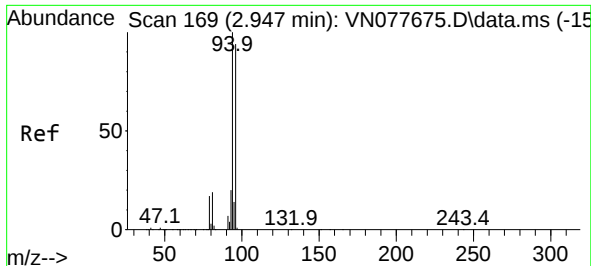
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#4
Vinyl Chloride
Concen: 20.193 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

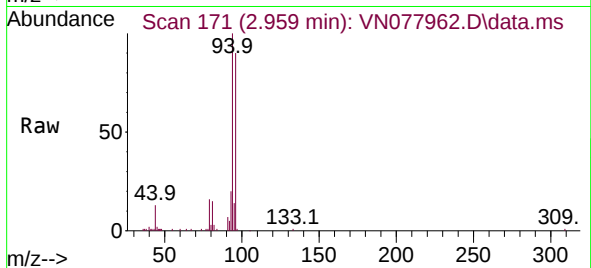
Tgt Ion: 62 Resp: 98035
Ion Ratio Lower Upper
62 100
64 29.1 26.2 39.2





#5
Bromomethane
Concen: 21.667 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

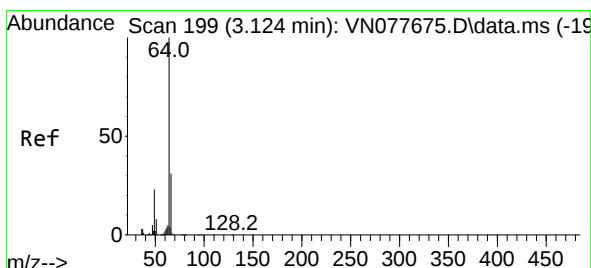
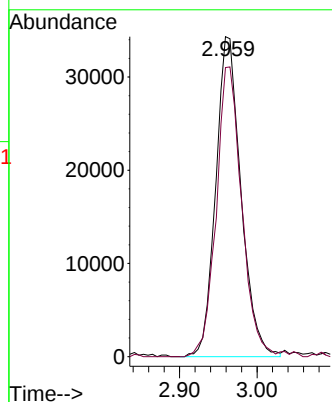
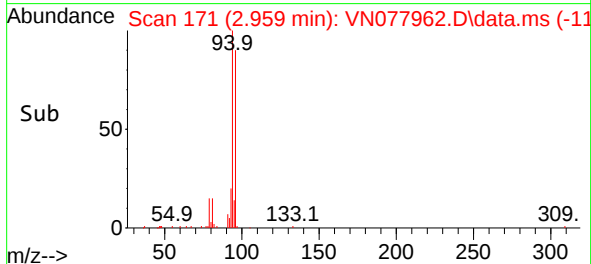
Instrument :
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Tgt Ion: 94 Resp: 77798
Ion Ratio Lower Upper
94 100
96 90.3 73.1 109.7

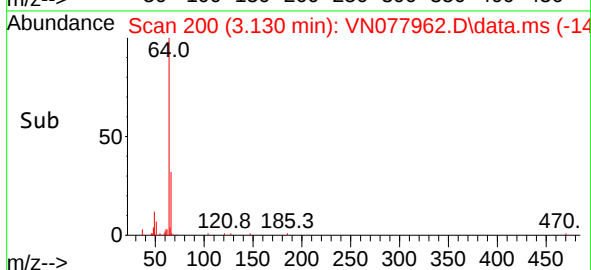
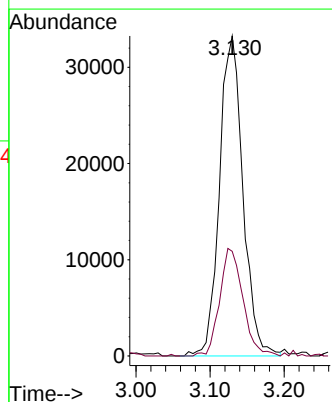
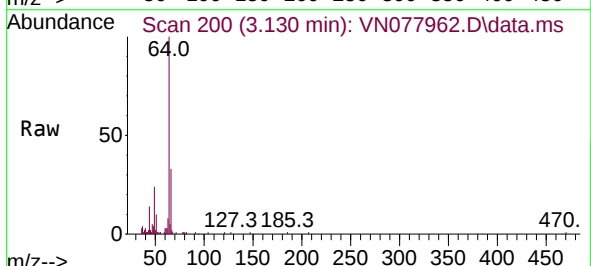
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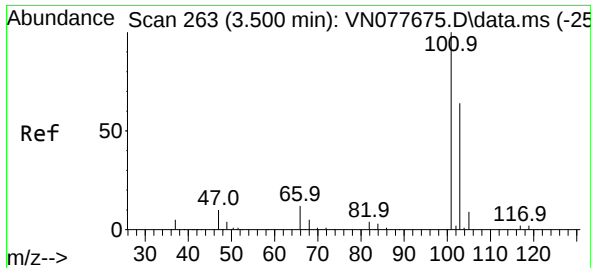
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#6
Chloroethane
Concen: 20.920 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
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Acq: 30 May 2023 12:15

Tgt Ion: 64 Resp: 73198
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.2





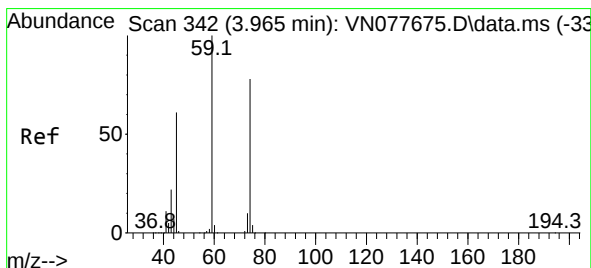
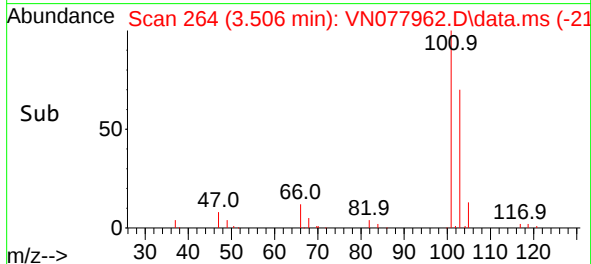
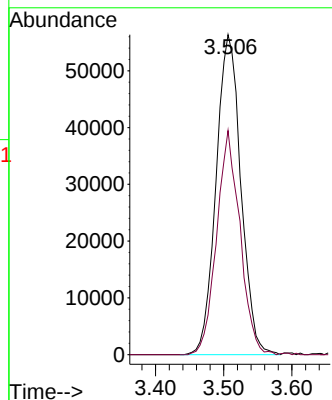
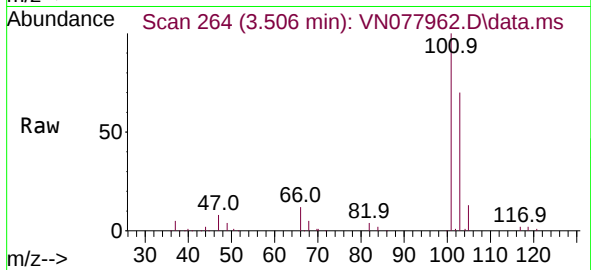
#7
Trichlorofluoromethane
Concen: 21.091 ug/l
RT: 3.506 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01

Tgt Ion:101 Resp: 14270
Ion Ratio Lower Upper
101 100
103 70.0 50.7 76.1

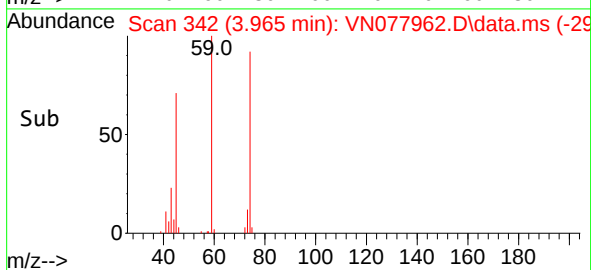
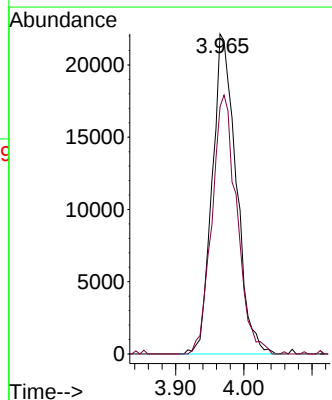
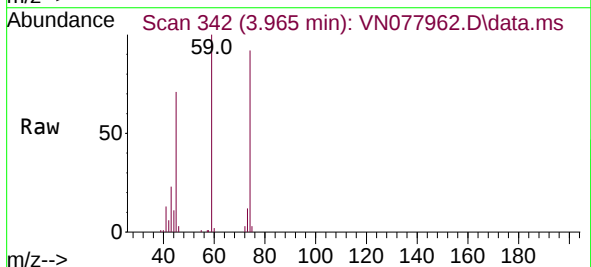
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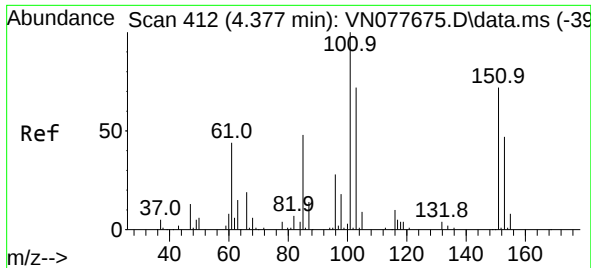
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#8
Diethyl Ether
Concen: 21.991 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

Tgt Ion: 74 Resp: 54320
Ion Ratio Lower Upper
74 100
45 84.0 34.4 103.3





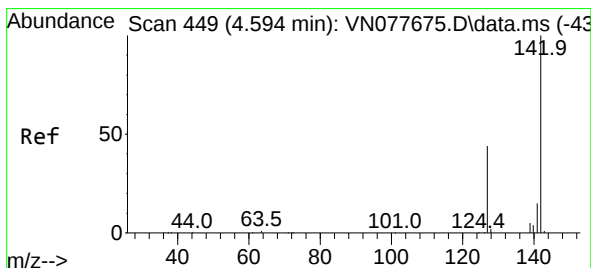
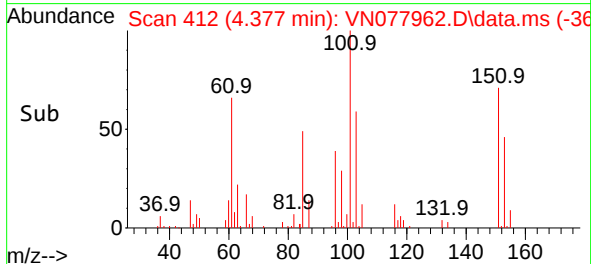
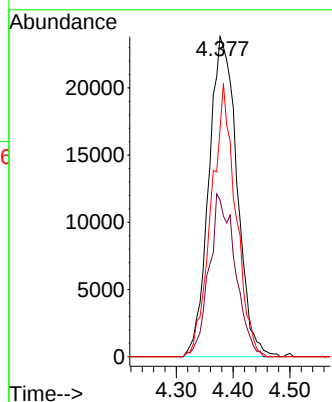
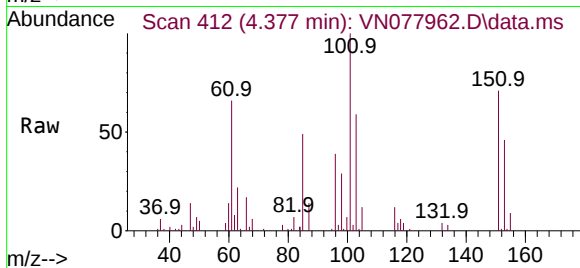
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.856 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01

Tgt Ion:101 Resp: 81830
Ion Ratio Lower Upper
101 100
85 47.2 36.6 55.0
151 74.2 57.6 86.4

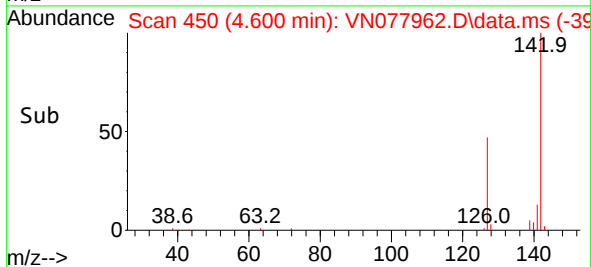
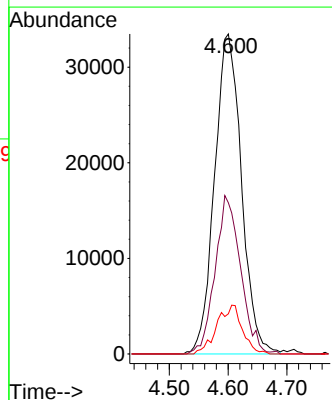
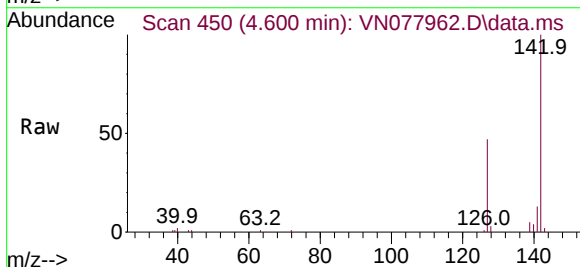
Manual Integrations
APPROVED

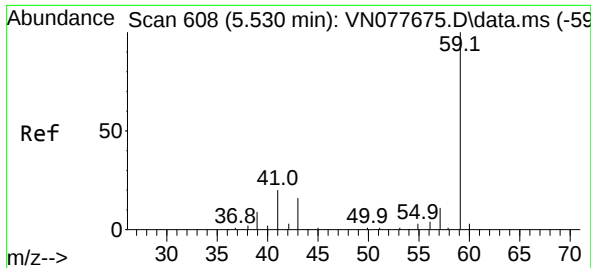
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#10
Methyl Iodide
Concen: 23.847 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

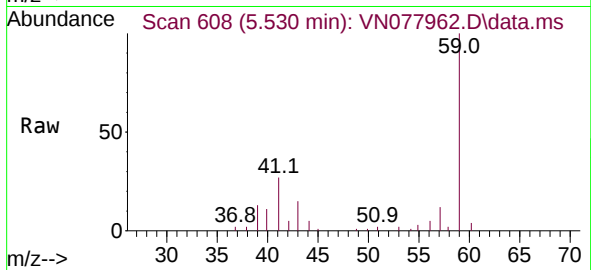
Tgt Ion:142 Resp: 106491
Ion Ratio Lower Upper
142 100
127 47.2 37.6 56.4
141 12.5 11.4 17.0





#11
Tert butyl alcohol
Concen: 102.979 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

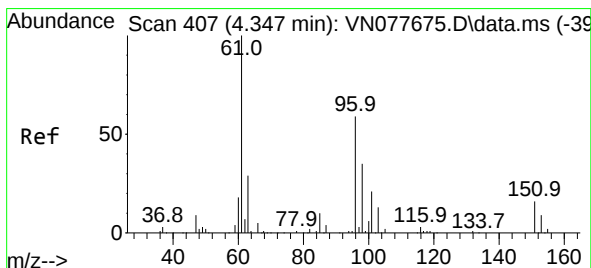
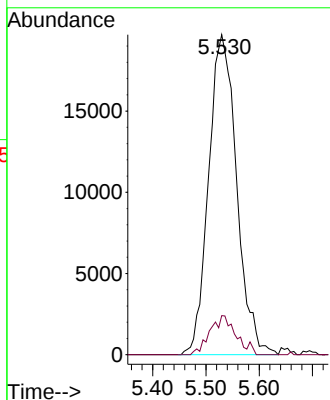
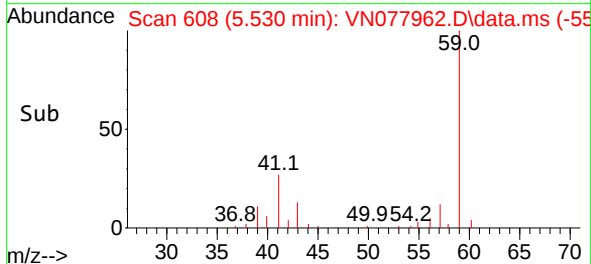
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



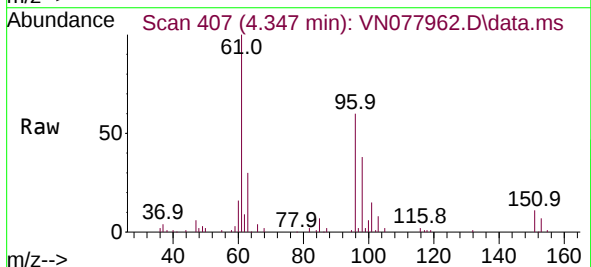
Tgt Ion: 59 Resp: 71952
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

Manual Integrations
APPROVED

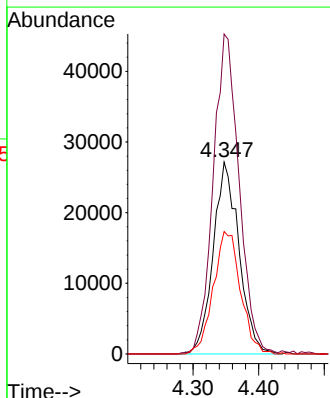
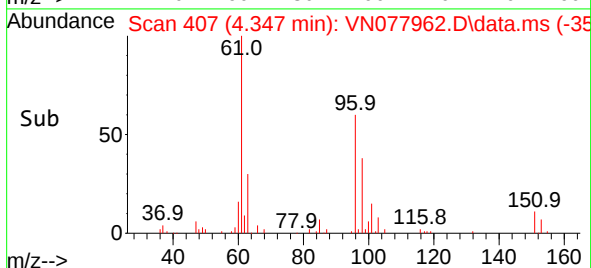
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023

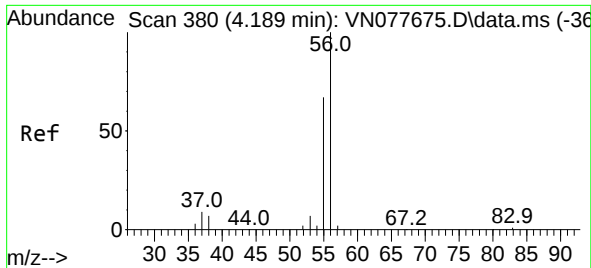


#12
1,1-Dichloroethene
Concen: 20.804 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15



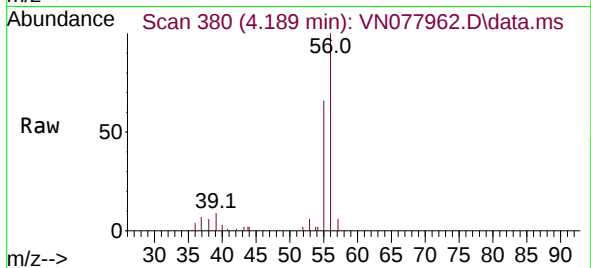
Tgt Ion: 96 Resp: 74037
Ion Ratio Lower Upper
96 100
61 166.8 112.7 169.1
98 63.8 51.2 76.8





#13
Acrolein
Concen: 90.195 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

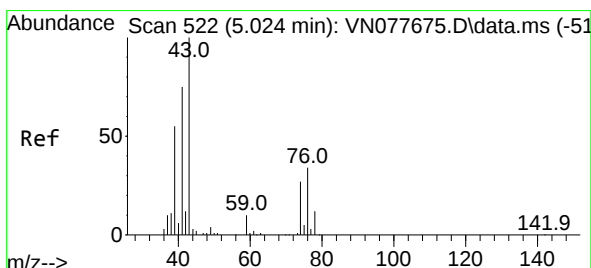
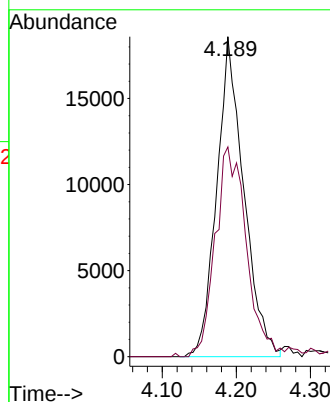
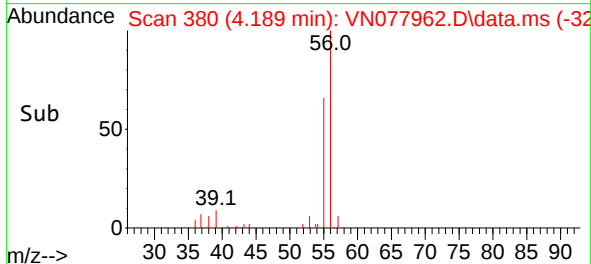
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



Tgt Ion: 56 Resp: 47189
Ion Ratio Lower Upper
56 100
55 75.1 54.5 81.7

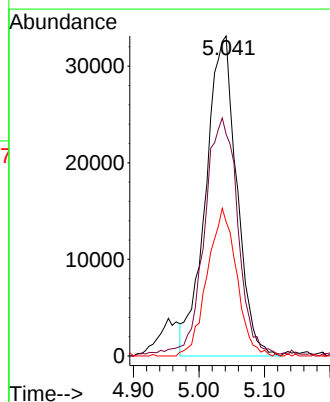
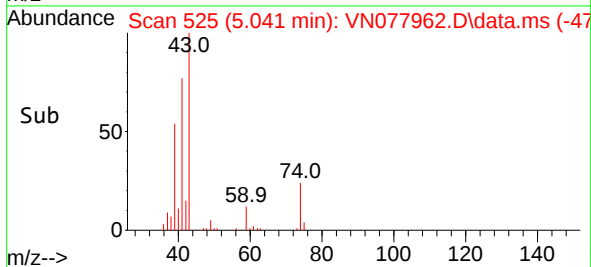
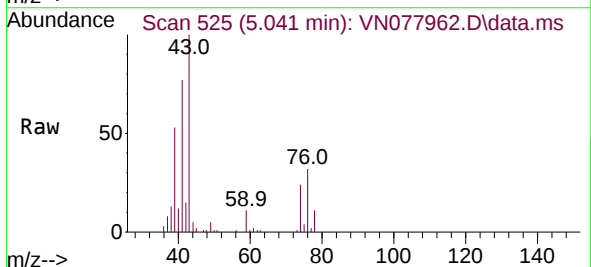
Manual Integrations
APPROVED

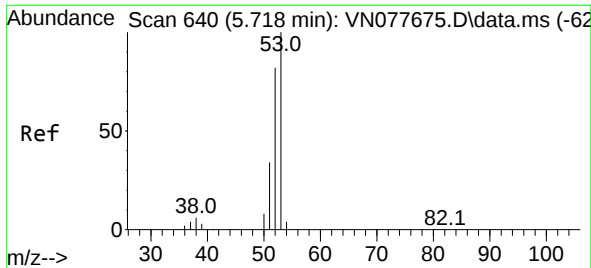
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#14
Allyl chloride
Concen: 20.807 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.017 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

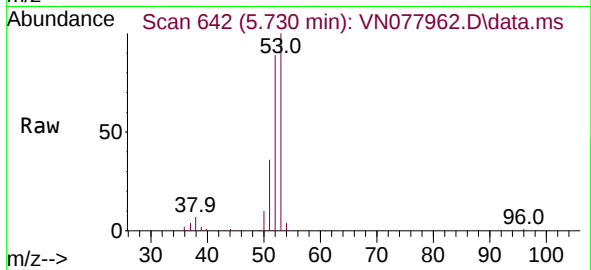
Tgt Ion: 41 Resp: 108782
Ion Ratio Lower Upper
41 100
39 80.9 58.8 88.2
76 43.5 39.1 58.7





#15
Acrylonitrile
Concen: 103.809 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

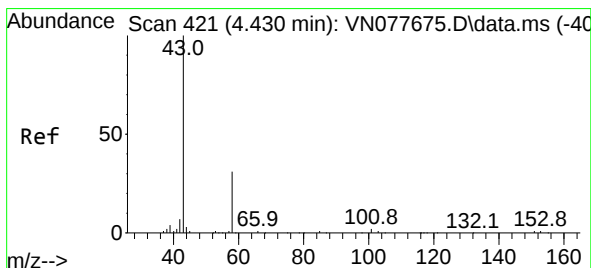
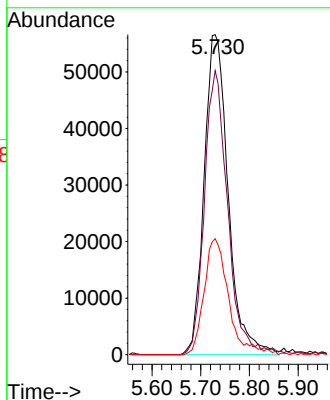
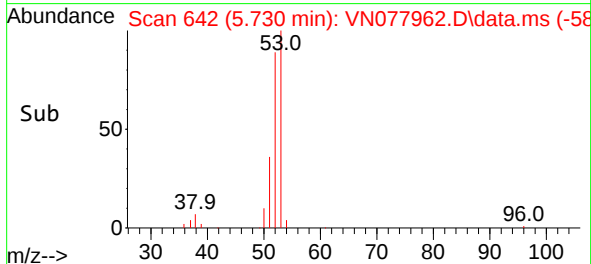
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



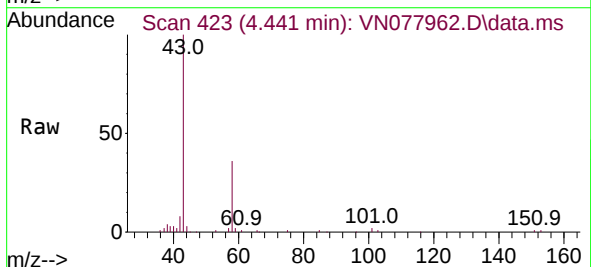
Tgt Ion: 53 Resp: 193778
Ion Ratio Lower Upper
53 100
52 86.0 65.3 97.9
51 37.0 28.9 43.3

Manual Integrations
APPROVED

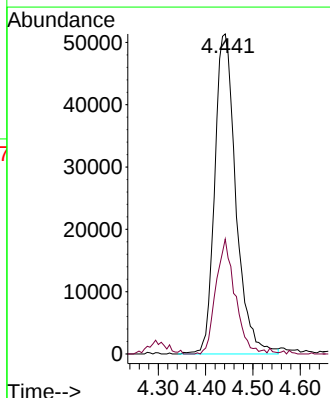
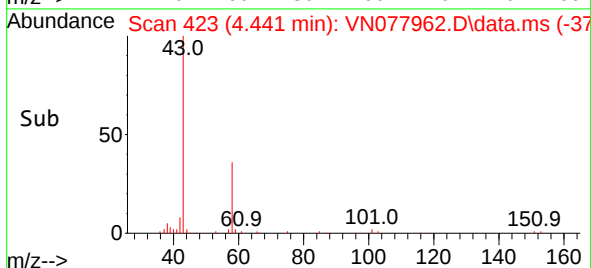
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023

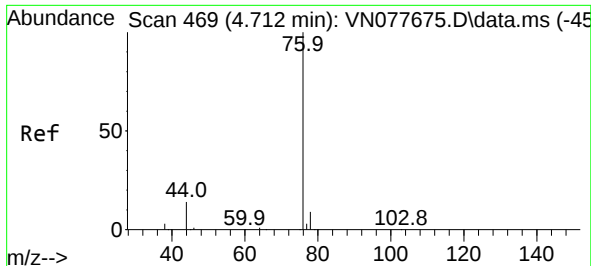


#16
Acetone
Concen: 100.284 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.011 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15



Tgt Ion: 43 Resp: 159733
Ion Ratio Lower Upper
43 100
58 35.5 28.0 42.0





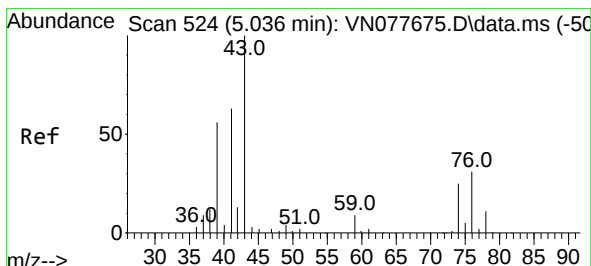
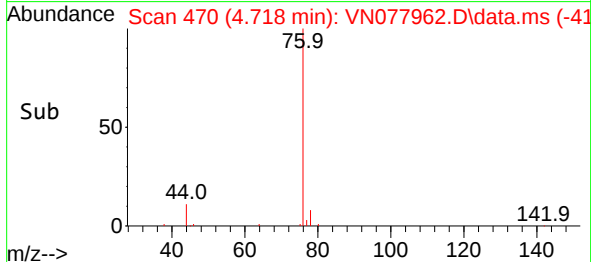
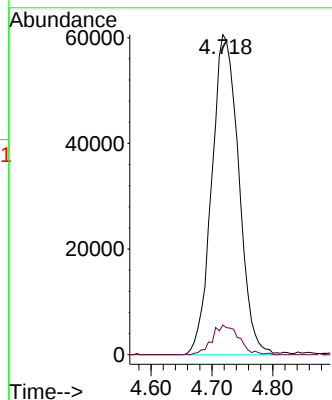
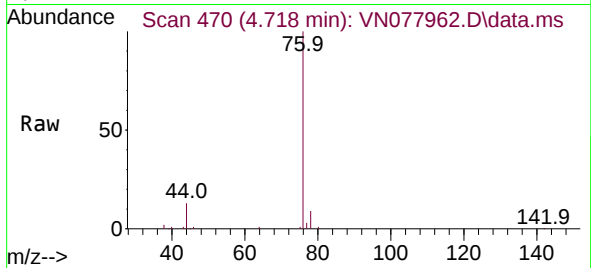
#17
Carbon Disulfide
Concen: 19.438 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01

Tgt Ion: 76 Resp: 186380
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

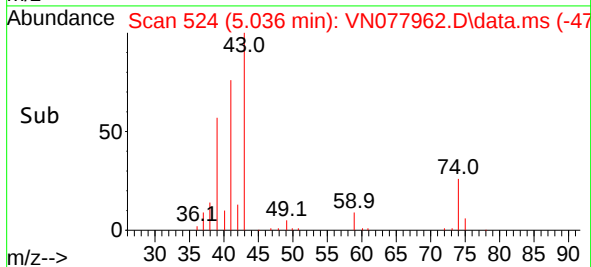
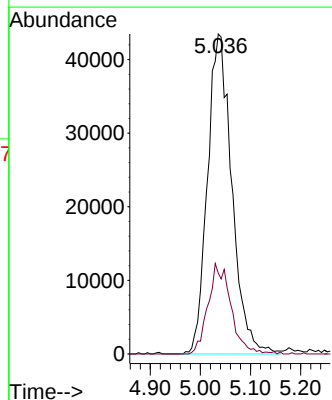
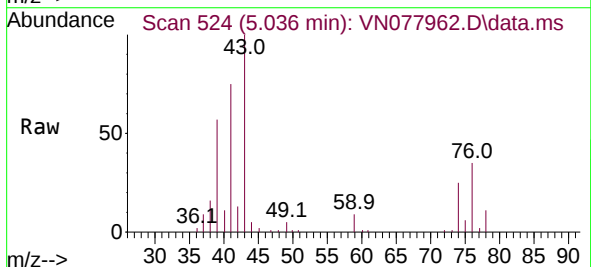
Manual Integrations
APPROVED

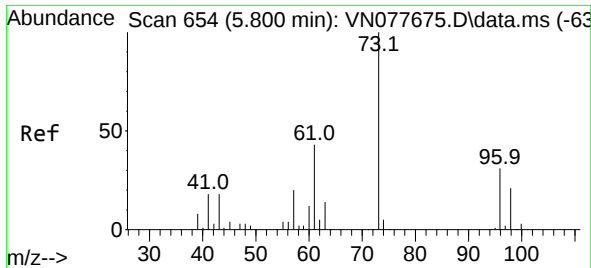
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#18
Methyl Acetate
Concen: 22.001 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

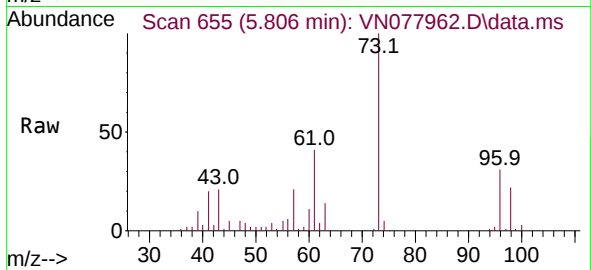
Tgt Ion: 43 Resp: 147011
Ion Ratio Lower Upper
43 100
74 26.3 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 21.371 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

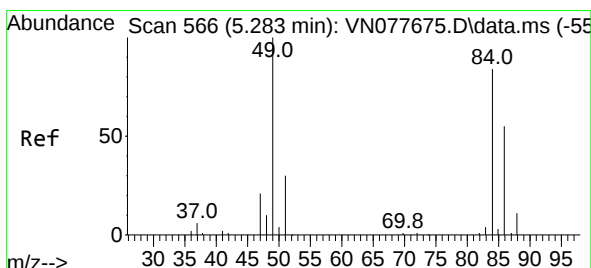
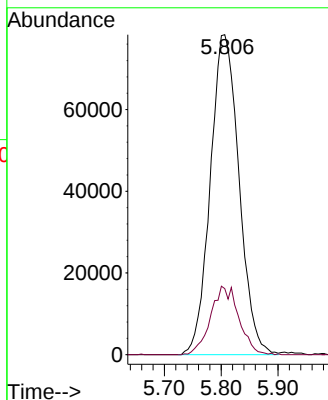
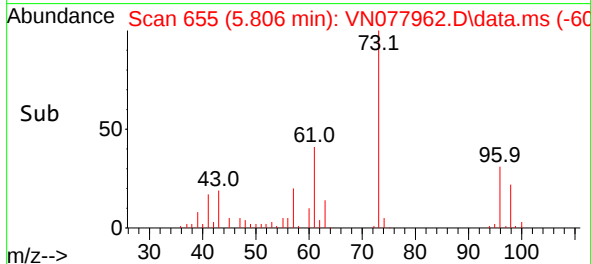
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



Tgt Ion: 73 Resp: 275289
Ion Ratio Lower Upper
73 100
57 20.7 15.6 23.4

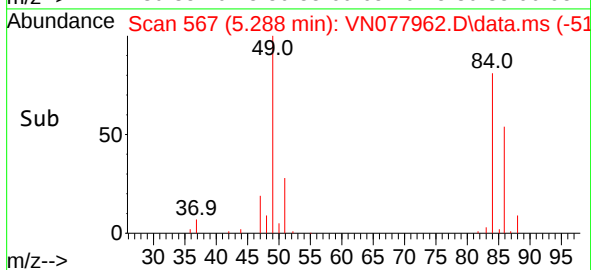
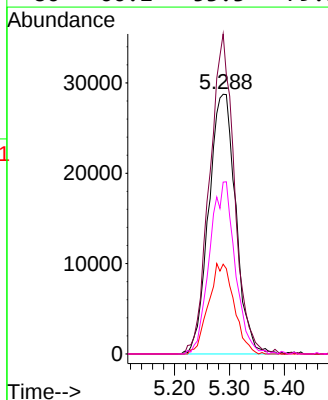
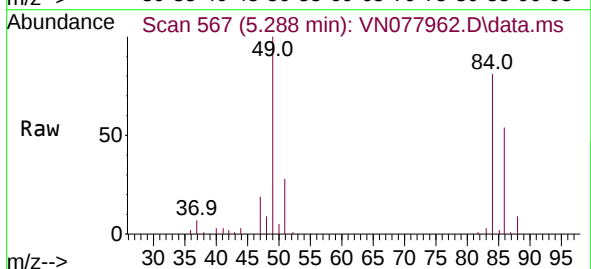
Manual Integrations
APPROVED

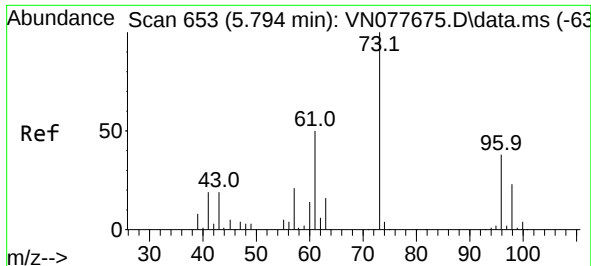
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#20
Methylene Chloride
Concen: 22.546 ug/l
RT: 5.288 min Scan# 567
Delta R.T. 0.005 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

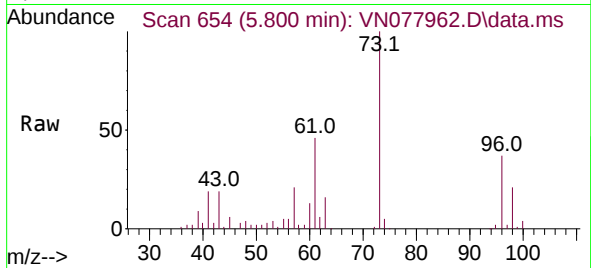
Tgt Ion: 84 Resp: 97966
Ion Ratio Lower Upper
84 100
49 123.2 79.7 119.5#
51 34.6 25.2 37.8
86 66.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 20.723 ug/l
RT: 5.800 min Scan# 612
Delta R.T. 0.006 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

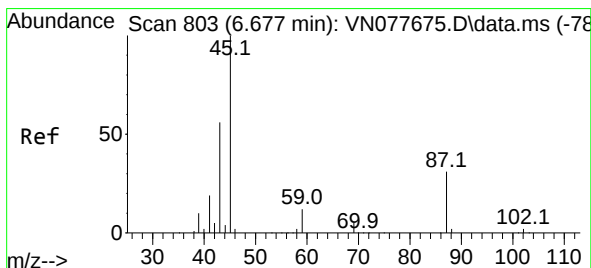
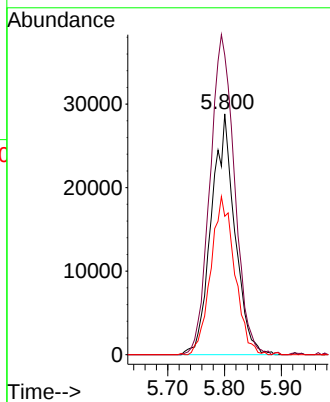
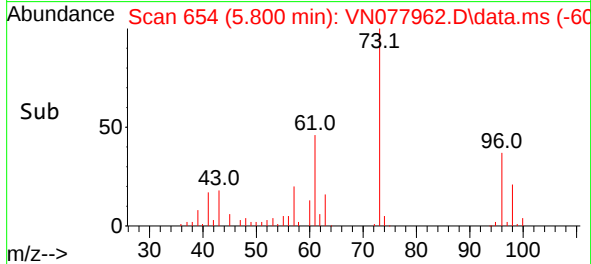
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



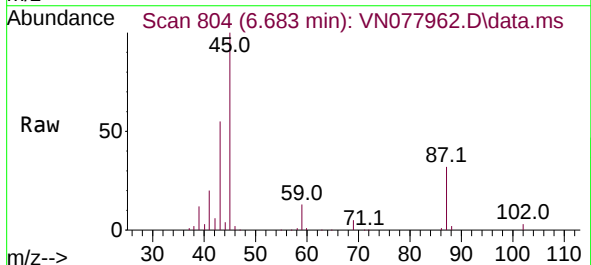
Tgt Ion: 96 Resp: 8284
Ion Ratio Lower Upper
96 100
61 124.3 90.1 135.1
98 57.5 46.4 69.6

Manual Integrations
APPROVED

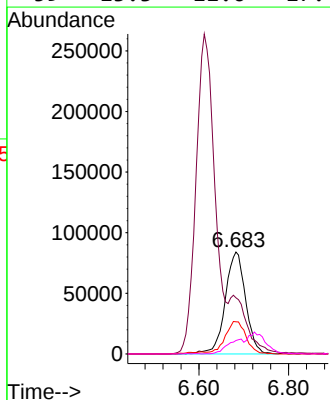
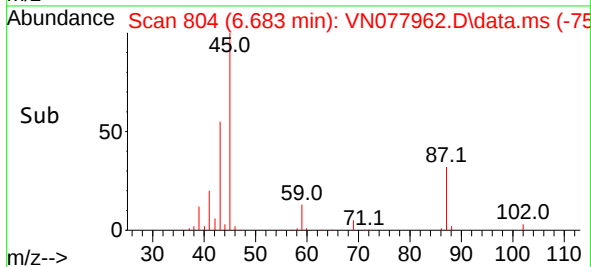
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#22
Diisopropyl ether
Concen: 21.703 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15



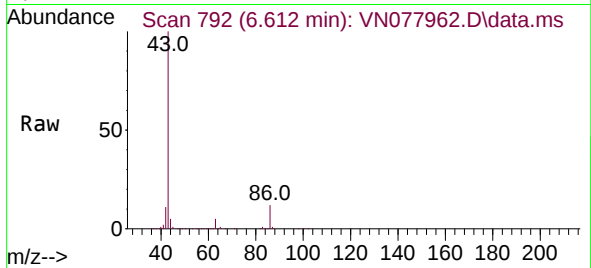
Tgt Ion: 45 Resp: 265955
Ion Ratio Lower Upper
45 100
43 53.4 45.5 68.3
87 31.5 31.8 47.8#
59 13.3 11.6 17.4





#23
 Vinyl Acetate
 Concen: 102.289 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077962.D
 Acq: 30 May 2023 12:15

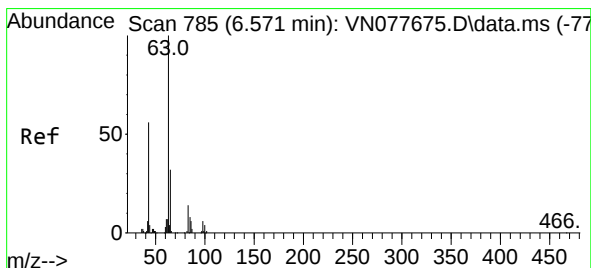
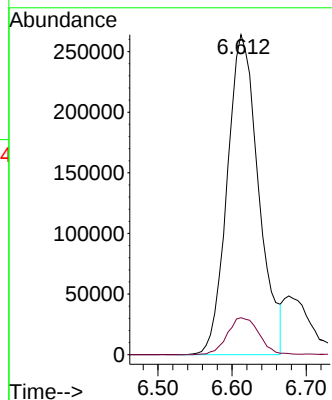
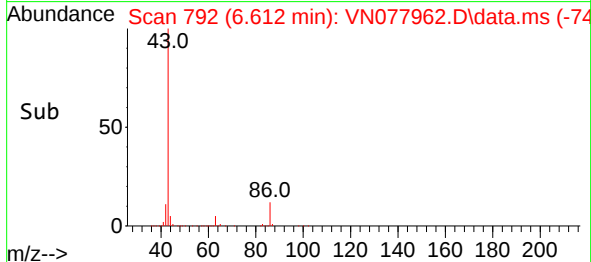
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0530WBSD01



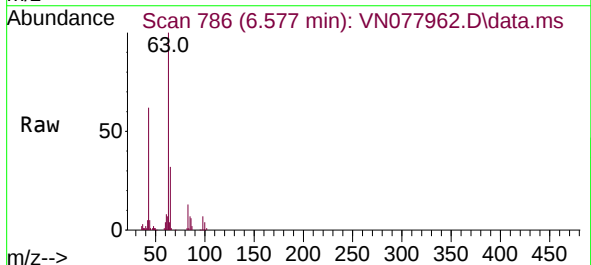
Tgt Ion: 43 Resp: 776619
 Ion Ratio Lower Upper
 43 100
 86 11.5 13.0 19.6

Manual Integrations
 APPROVED

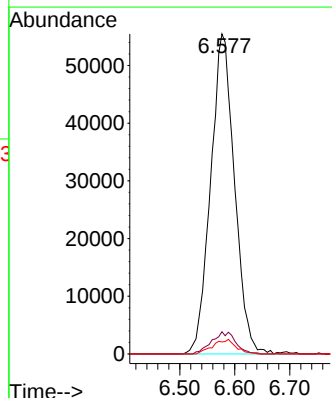
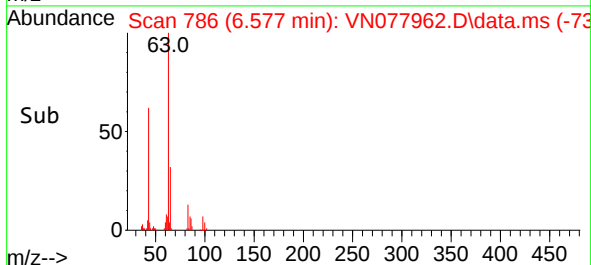
Reviewed By :Semsettin Yesilyurt 05/31/2023
 Supervised By :Mahesh Dadoda 05/31/2023

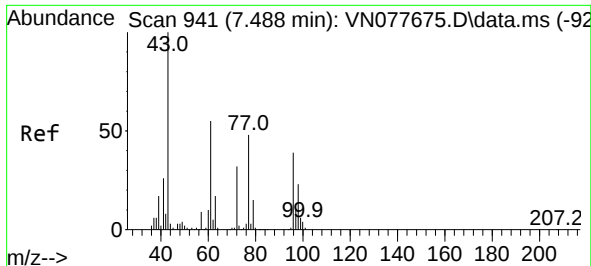


#24
 1,1-Dichloroethane
 Concen: 22.306 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077962.D
 Acq: 30 May 2023 12:15



Tgt Ion: 63 Resp: 167461
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 3.8 2.5 7.4





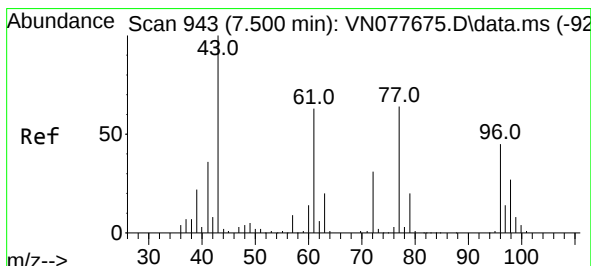
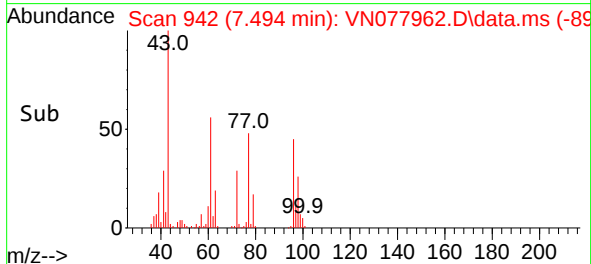
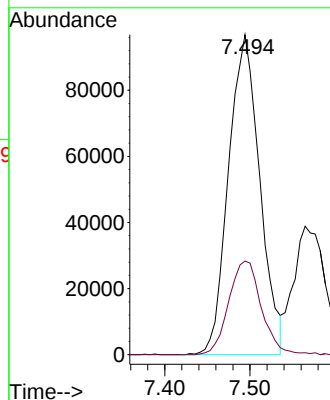
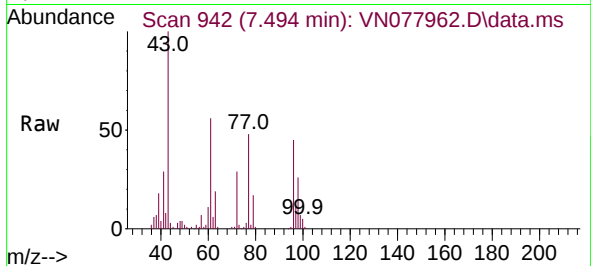
#25
2-Butanone
Concen: 99.189 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01

Tgt Ion: 43 Resp: 24714
Ion Ratio Lower Upper
43 100
72 29.3 30.2 45.2

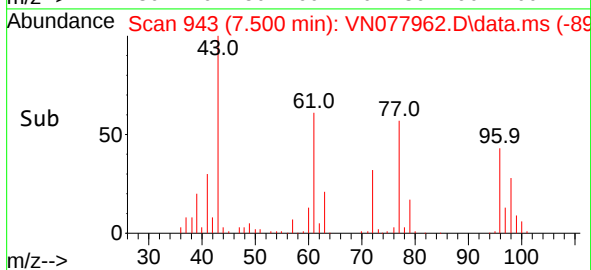
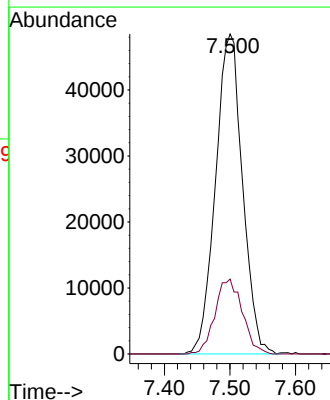
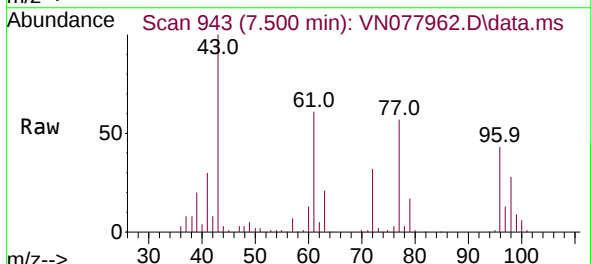
Manual Integrations
APPROVED

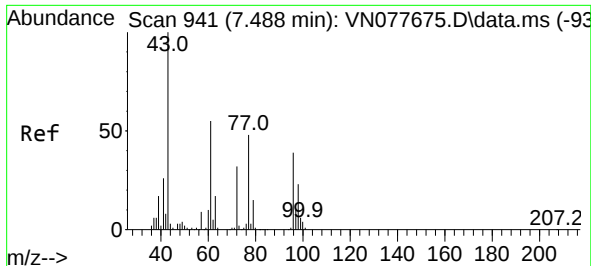
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#26
2,2-Dichloropropane
Concen: 21.683 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

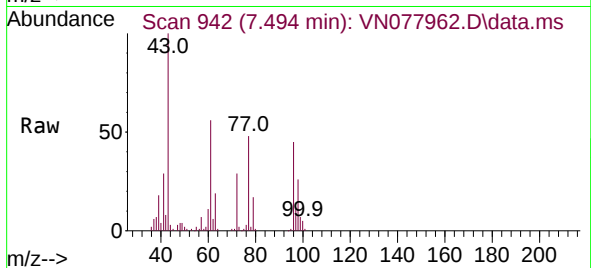
Tgt Ion: 77 Resp: 138294
Ion Ratio Lower Upper
77 100
97 23.7 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 22.574 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

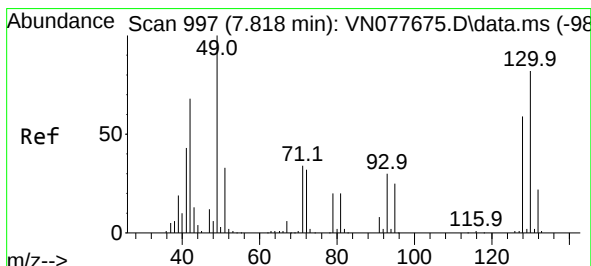
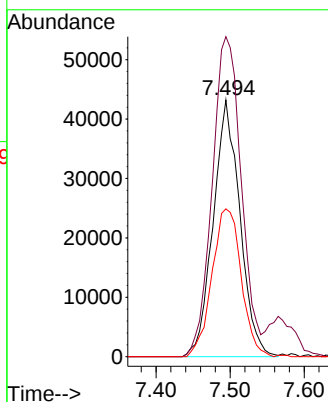
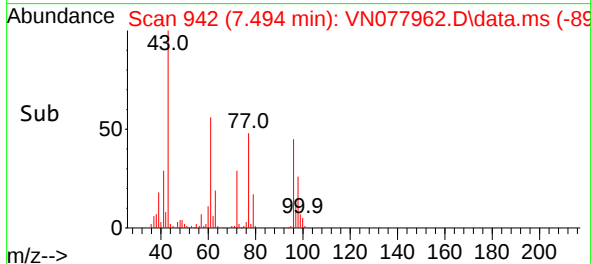
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



Tgt Ion: 96 Resp: 10820
Ion Ratio Lower Upper
96 100
61 135.4 0.0 255.2
98 63.0 0.0 128.8

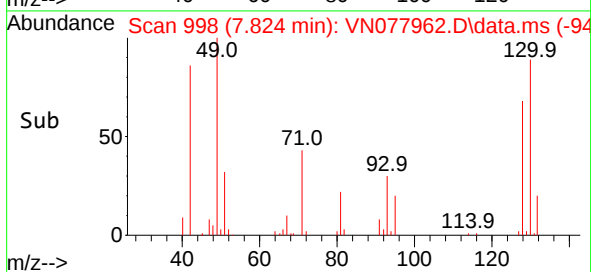
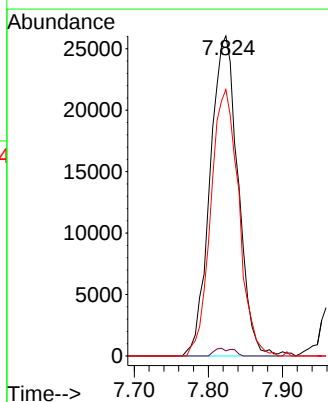
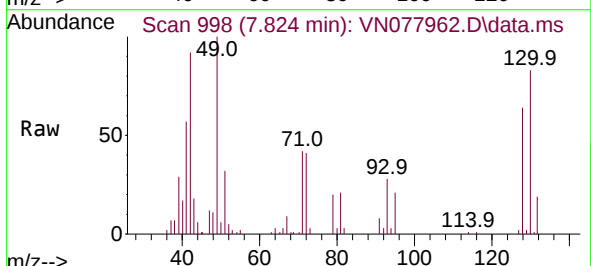
Manual Integrations
APPROVED

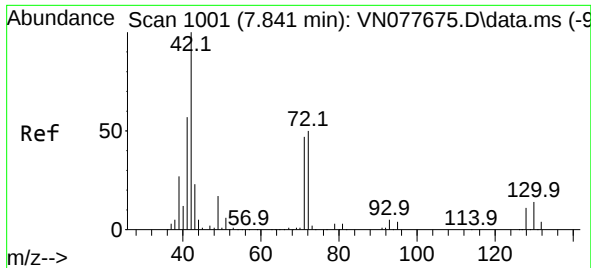
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#28
Bromochloromethane
Concen: 20.998 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

Tgt Ion: 49 Resp: 68176
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.8
130 83.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 94.814 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077962.D

Acq: 30 May 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBSD01

Tgt Ion: 42 Resp: 154689

Ion Ratio Lower Upper

42 100

72 52.7 49.8 74.6

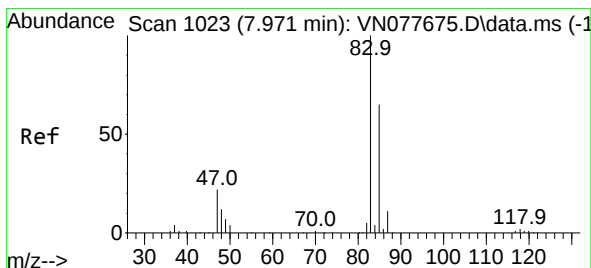
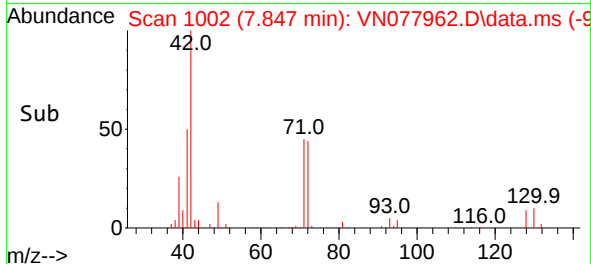
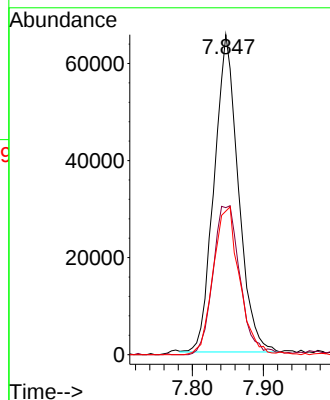
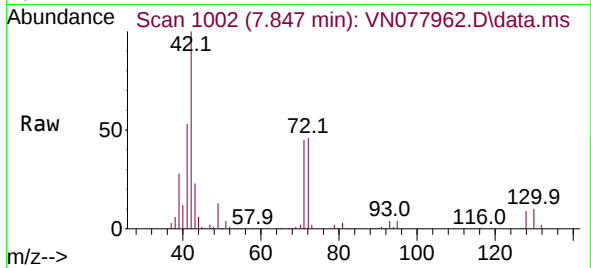
71 50.4 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023

Supervised By :Mahesh Dadoda 05/31/2023



#30

Chloroform

Concen: 22.281 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN077962.D

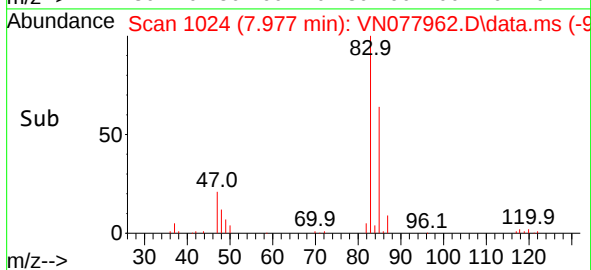
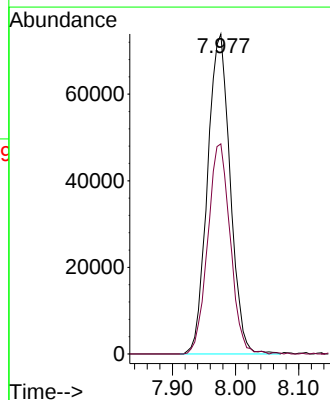
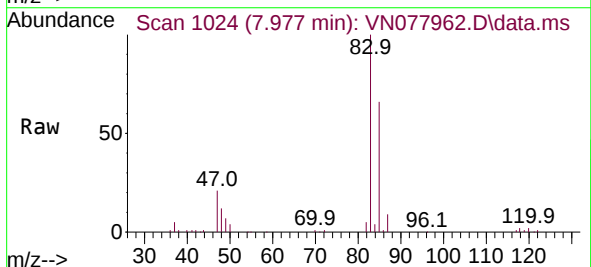
Acq: 30 May 2023 12:15

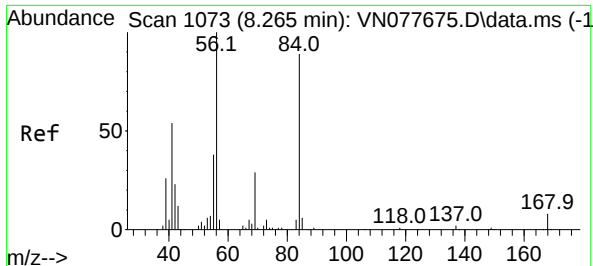
Tgt Ion: 83 Resp: 184010

Ion Ratio Lower Upper

83 100

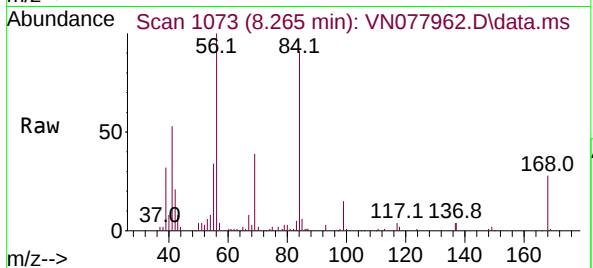
85 65.6 55.4 83.0





#31
Cyclohexane
Concen: 20.299 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

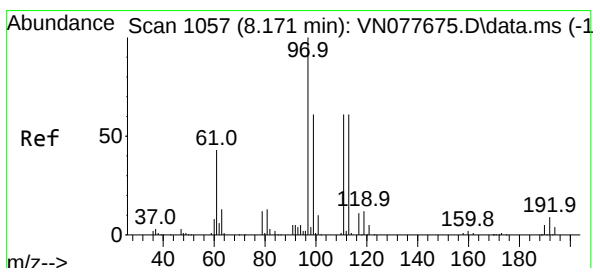
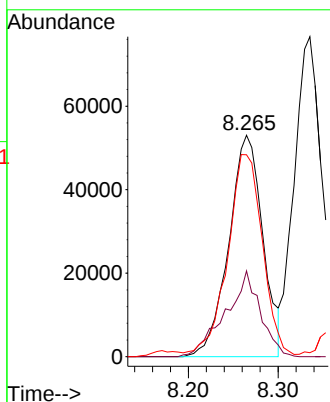
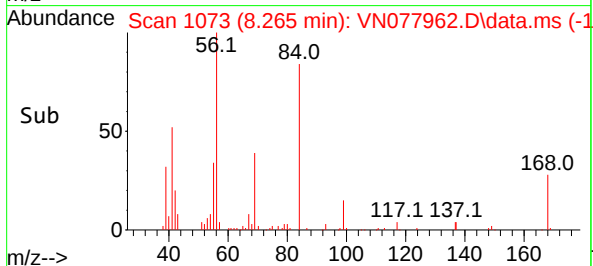
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



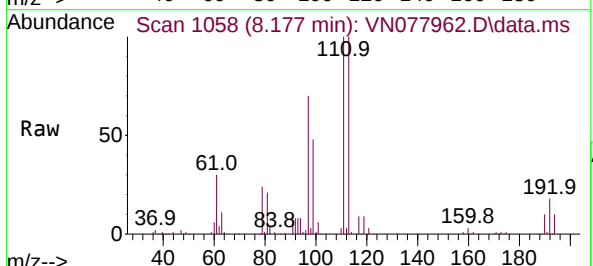
Tgt Ion: 56 Resp: 139679
Ion Ratio Lower Upper
56 100
69 38.3 26.8 40.2
84 89.1 81.8 122.6

Manual Integrations
APPROVED

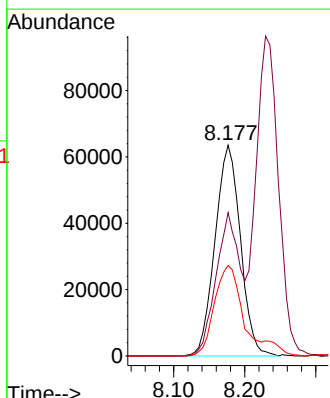
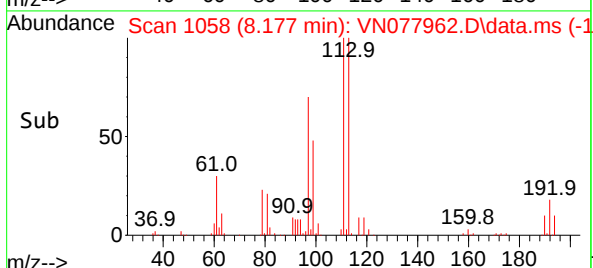
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023

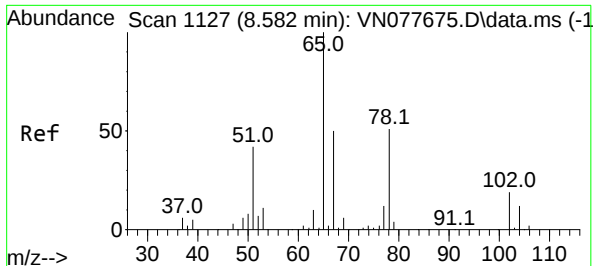


#32
1,1,1-Trichloroethane
Concen: 22.424 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15



Tgt Ion: 97 Resp: 157444
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 50.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.638 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077962.D

Acq: 30 May 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBSD01

Tgt Ion: 65 Resp: 261430

Ion Ratio Lower Upper

65 100

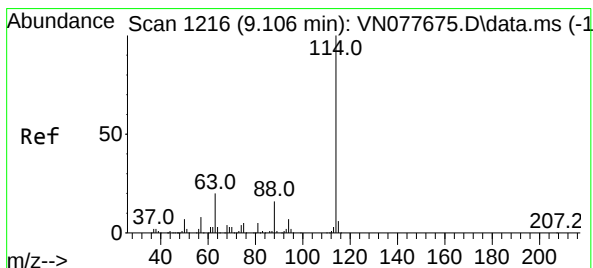
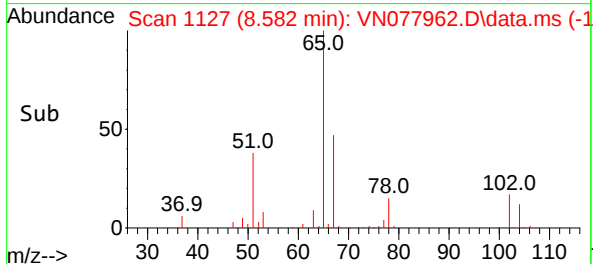
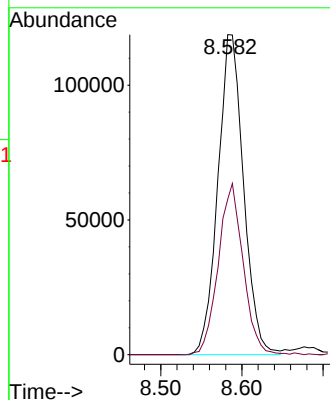
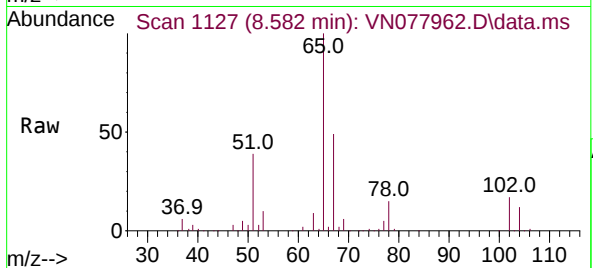
67 51.7 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023

Supervised By :Mahesh Dadoda 05/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN077962.D

Acq: 30 May 2023 12:15

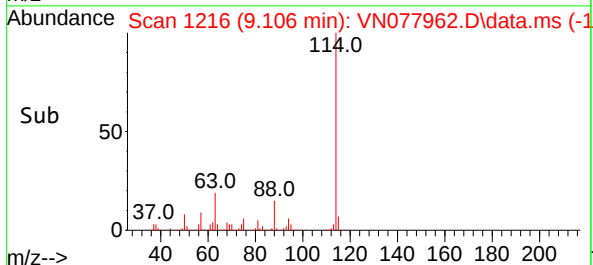
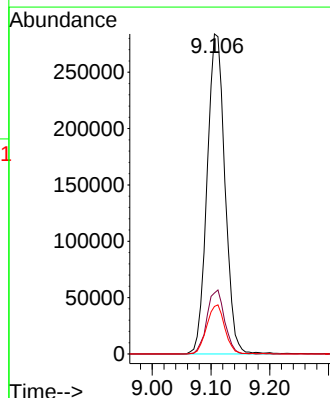
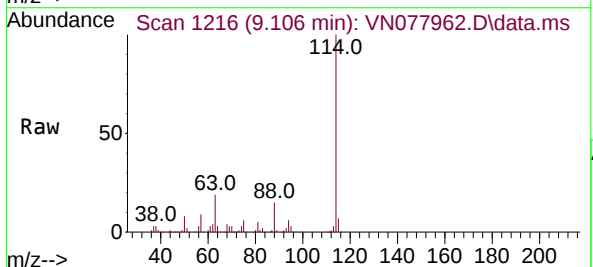
Tgt Ion:114 Resp: 598478

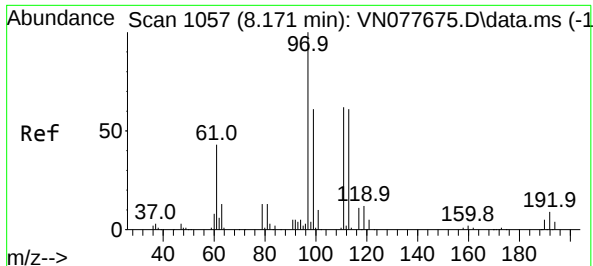
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 14.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.348 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077962.D

Acq: 30 May 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBSD01

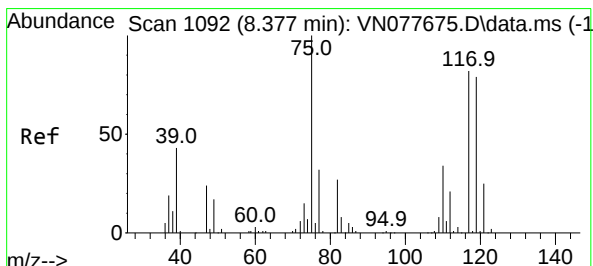
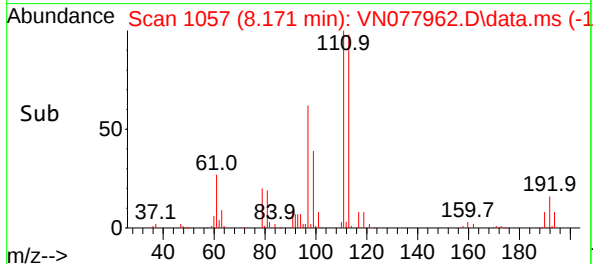
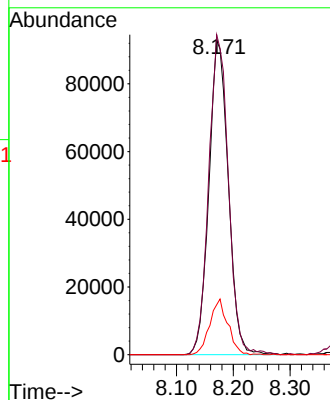
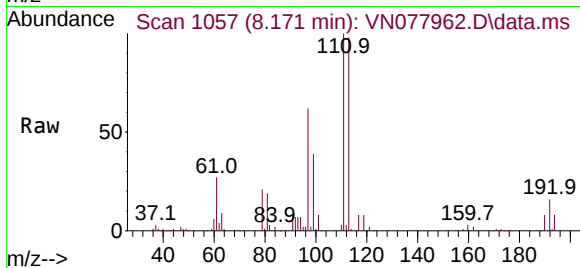
Tgt Ion: 113 Resp: 219900

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	123.8
192	16.6	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#36

1,1-Dichloropropene

Concen: 22.487 ug/l

RT: 8.377 min Scan# 1092

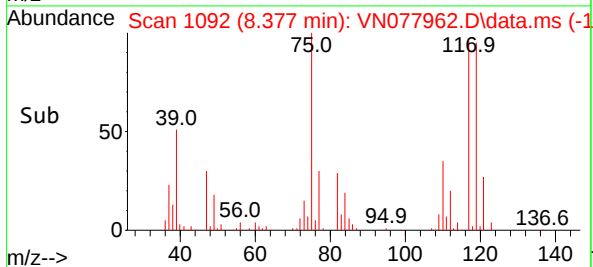
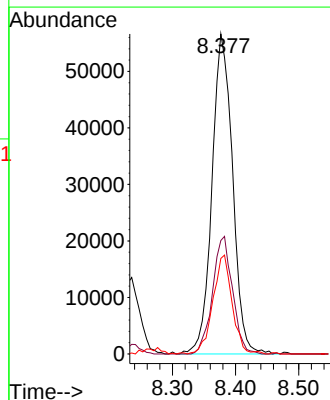
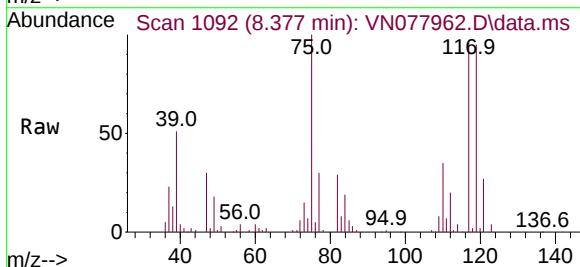
Delta R.T. -0.001 min

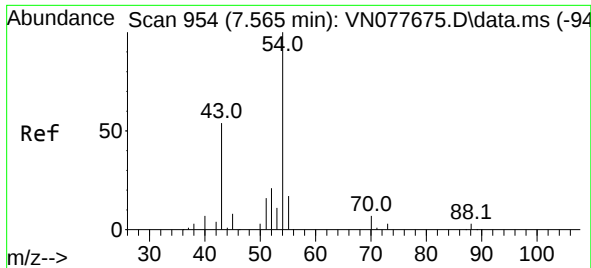
Lab File: VN077962.D

Acq: 30 May 2023 12:15

Tgt Ion: 75 Resp: 128362

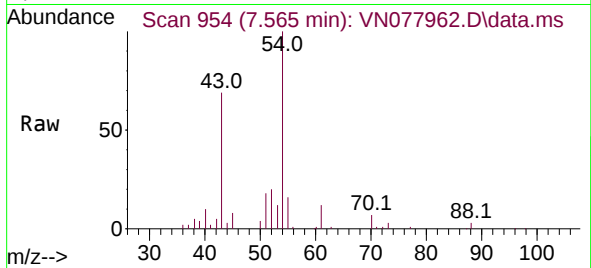
Ion	Ratio	Lower	Upper
75	100		
110	35.6	19.1	57.3
77	28.9	25.0	37.4





#37
Ethyl Acetate
Concen: 20.540 ug/l
RT: 7.565 min Scan# 954
Delta R.T. -0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

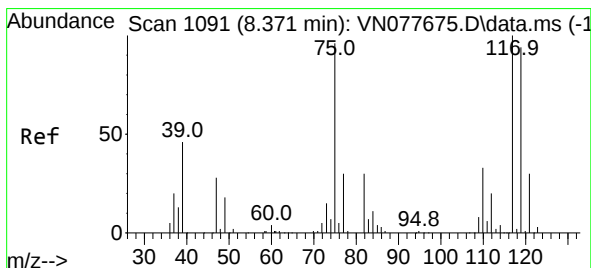
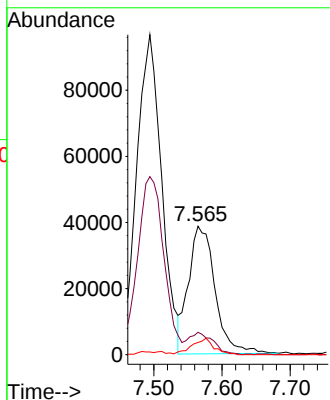
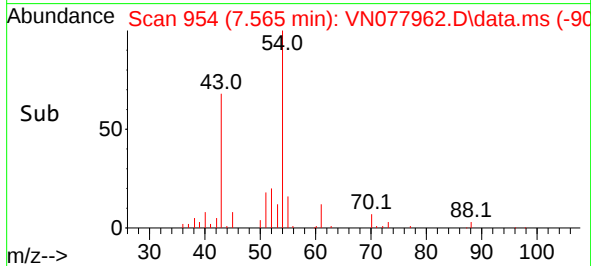
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



Tgt Ion: 43 Resp: 104502
Ion Ratio Lower Upper
43 100
61 14.9 13.2 19.8
70 10.5 11.3 16.9

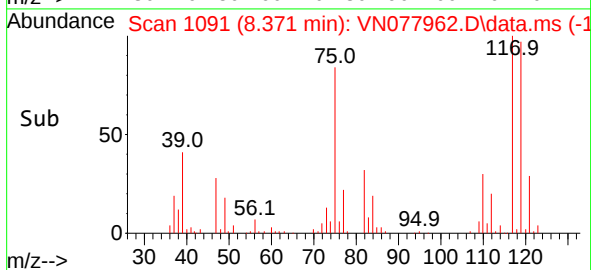
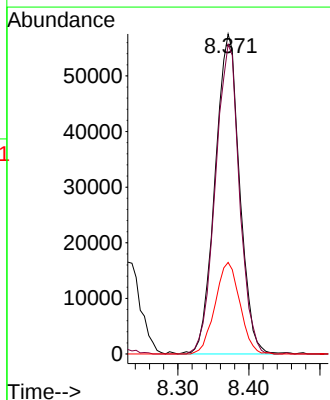
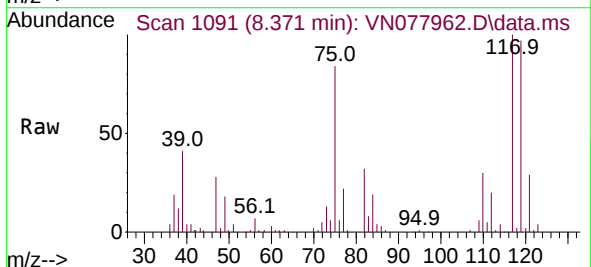
Manual Integrations
APPROVED

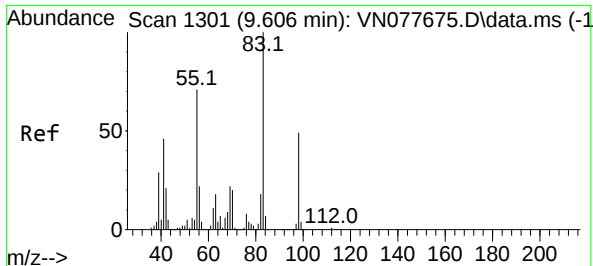
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#38
Carbon Tetrachloride
Concen: 23.911 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

Tgt Ion:117 Resp: 137827
Ion Ratio Lower Upper
117 100
119 96.8 77.3 115.9
121 28.6 23.3 34.9





#39

Methylcyclohexane

Concen: 21.337 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077962.D

Acq: 30 May 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

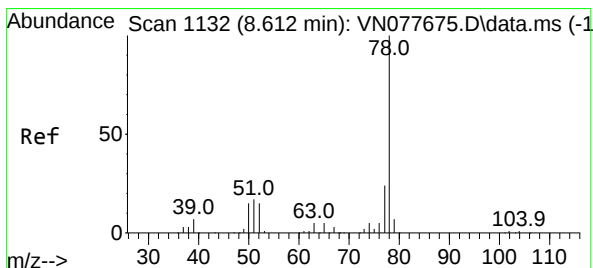
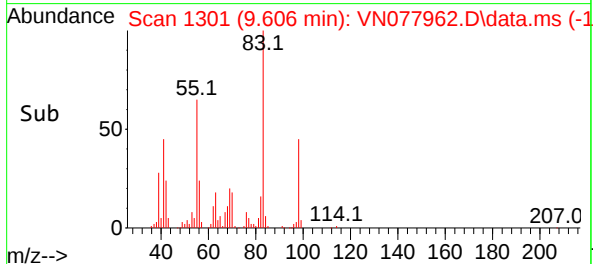
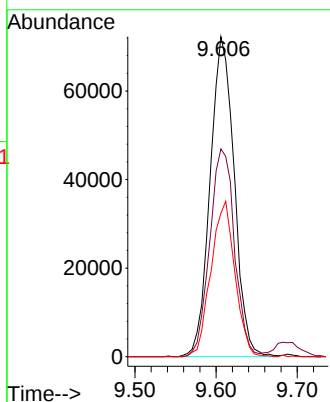
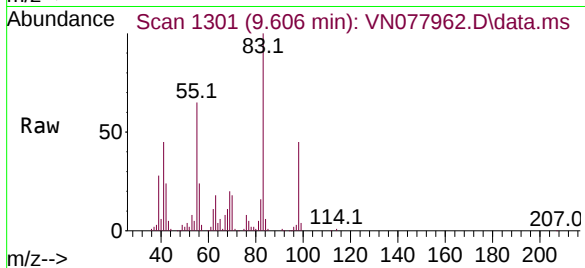
VN0530WBSD01

Tgt Ion:	83	Resp:	14910
Ion Ratio	Lower	Upper	
83	100		
55	64.9	49.1	73.7
98	44.8	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#40

Benzene

Concen: 23.134 ug/l

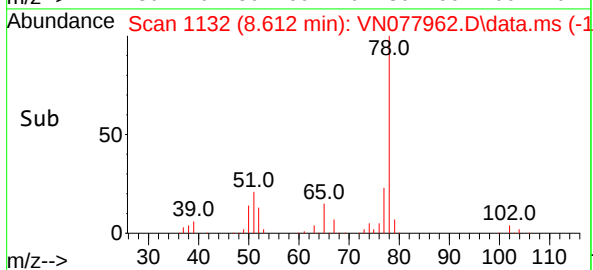
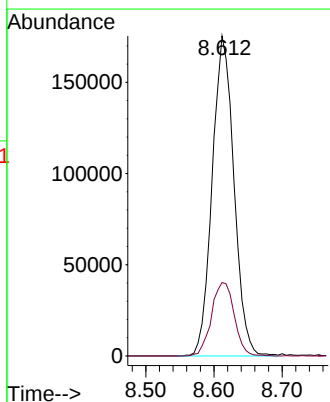
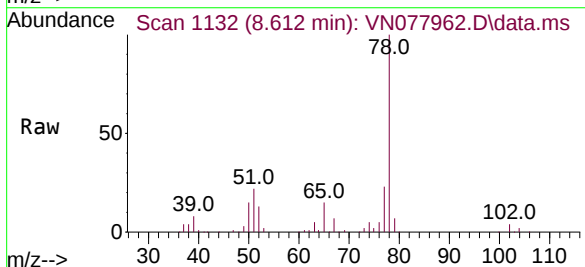
RT: 8.612 min Scan# 1132

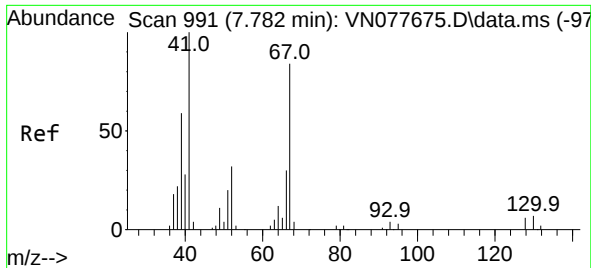
Delta R.T. -0.000 min

Lab File: VN077962.D

Acq: 30 May 2023 12:15

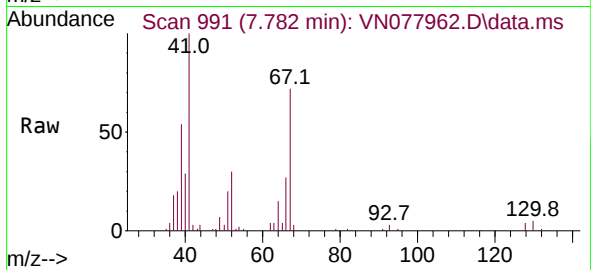
Tgt Ion:	78	Resp:	389675
Ion Ratio	Lower	Upper	
78	100		
77	23.0	19.0	28.6





#41
Methacrylonitrile
Concen: 20.039 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

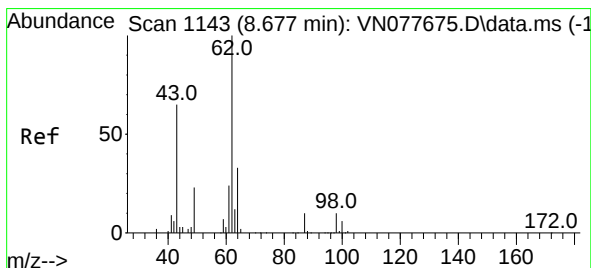
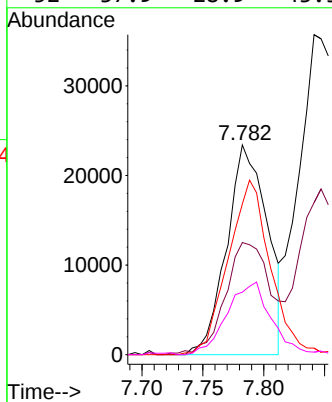
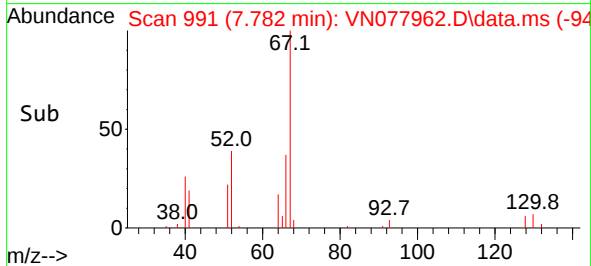
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



Tgt Ion:	41	Resp:	54290
Ion Ratio	100	Lower	Upper
41	100		
39	61.7	42.6	64.0
67	86.6	77.5	116.3
52	37.9	28.9	43.3

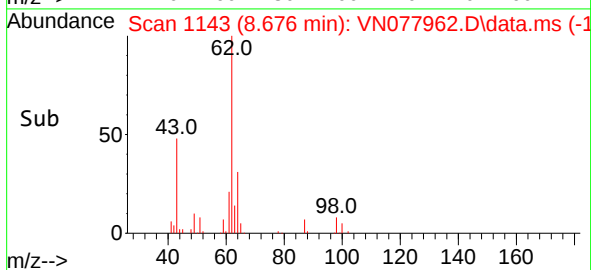
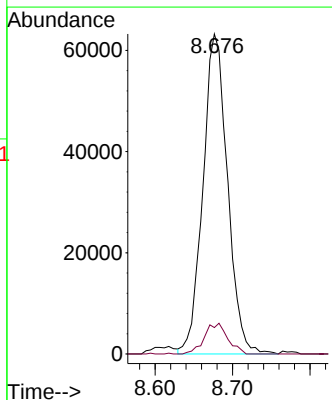
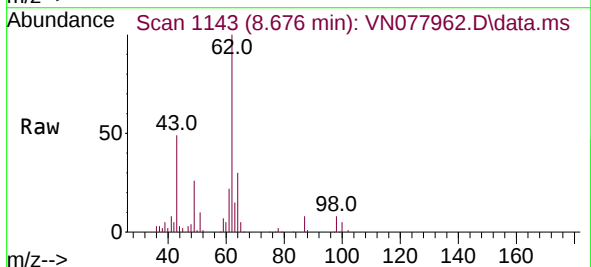
Manual Integrations
APPROVED

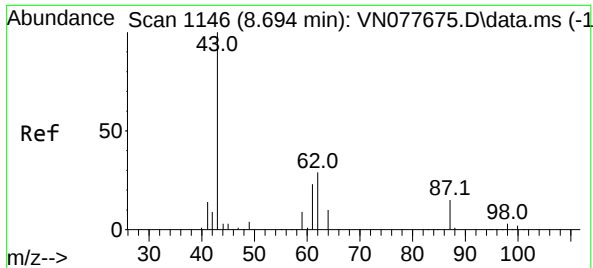
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#42
1,2-Dichloroethane
Concen: 22.775 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.001 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

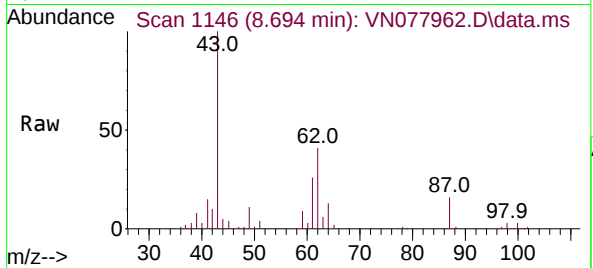
Tgt Ion:	62	Resp:	139356
Ion Ratio	100	Lower	Upper
62	100		
98	9.1	0.0	19.8





#43
Isopropyl Acetate
Concen: 21.623 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

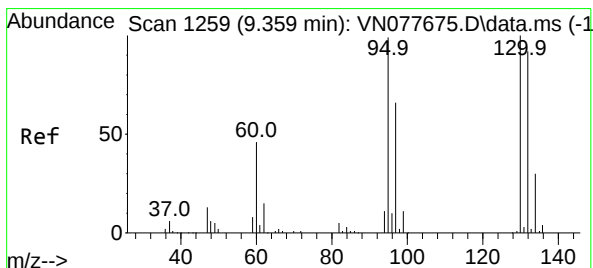
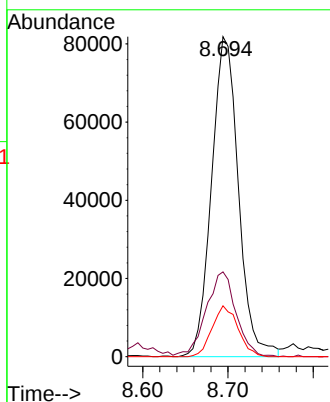
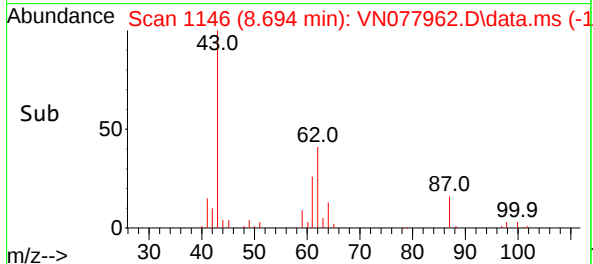
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



Tgt Ion: 43 Resp: 179690
Ion Ratio Lower Upper
43 100
61 29.5 24.7 37.1
87 15.3 14.6 21.8

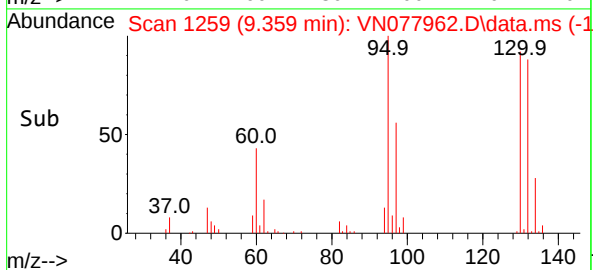
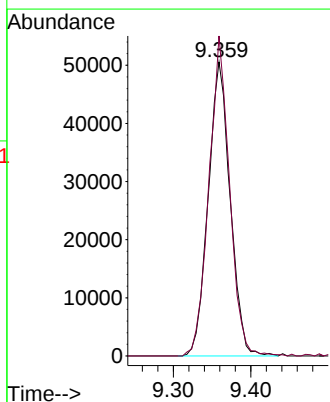
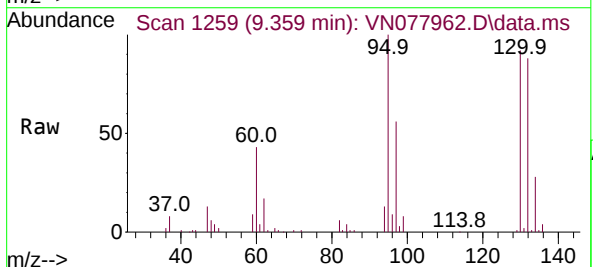
Manual Integrations
APPROVED

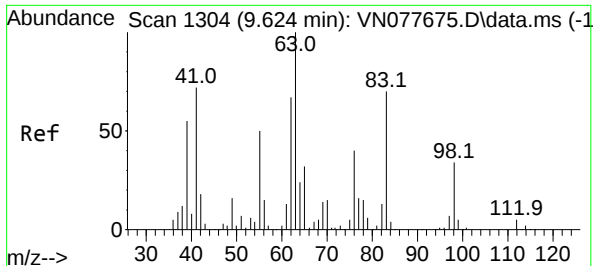
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#44
Trichloroethene
Concen: 23.409 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

Tgt Ion:130 Resp: 99845
Ion Ratio Lower Upper
130 100
95 108.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 23.148 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN077962.D

Acq: 30 May 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBSD01

Tgt Ion: 63 Resp: 9945

Ion Ratio Lower Upper

63 100

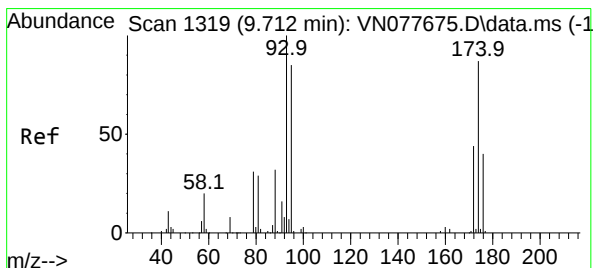
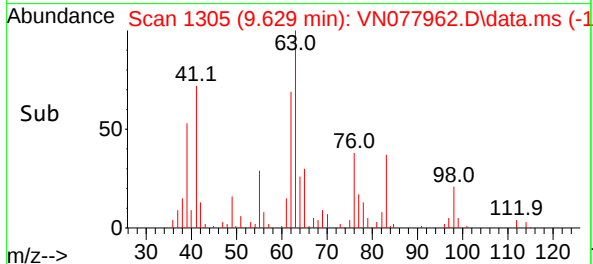
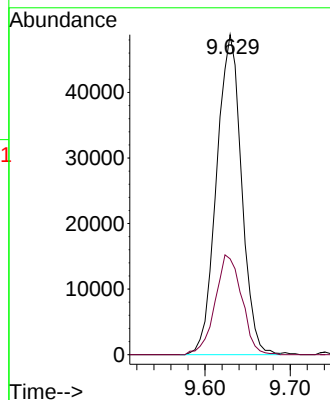
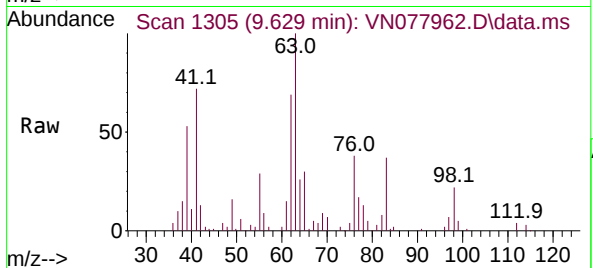
65 29.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023

Supervised By :Mahesh Dadoda 05/31/2023



#46

Dibromomethane

Concen: 23.033 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077962.D

Acq: 30 May 2023 12:15

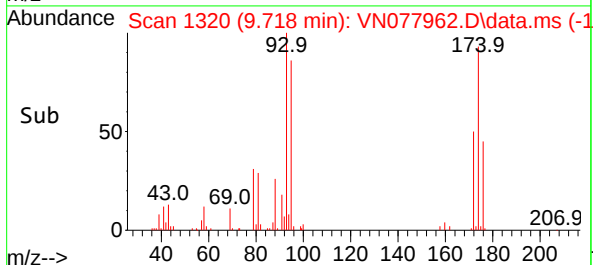
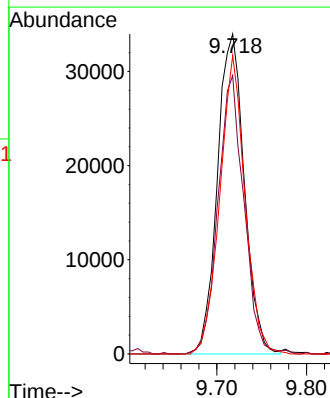
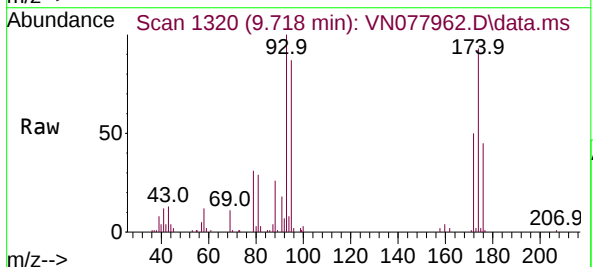
Tgt Ion: 93 Resp: 70814

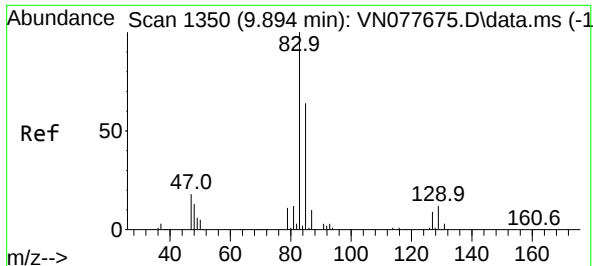
Ion Ratio Lower Upper

93 100

95 83.2 63.8 95.8

174 87.4 65.6 98.4





#47

Bromodichloromethane

Concen: 23.725 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.000 min

Lab File: VN077962.D

Acq: 30 May 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

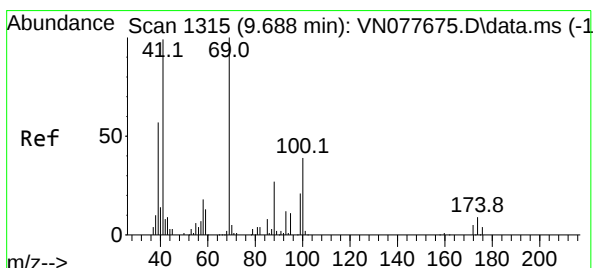
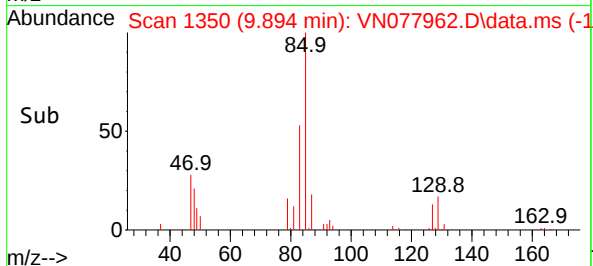
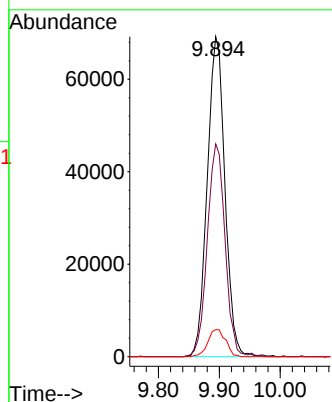
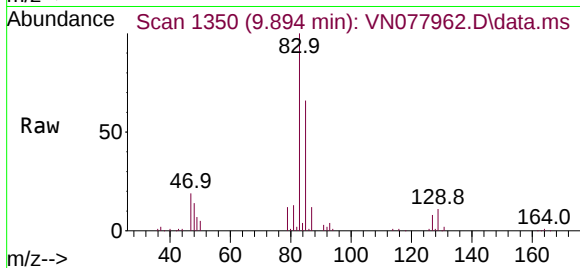
VN0530WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	49.6	74.4
127	8.4	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#48

Methyl methacrylate

Concen: 21.636 ug/l

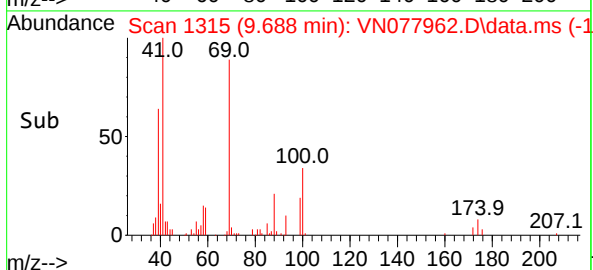
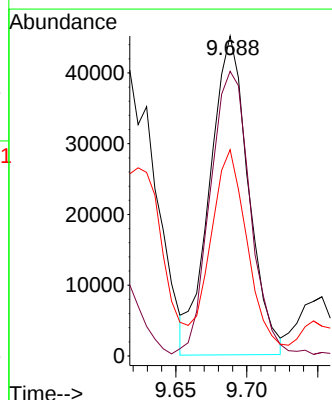
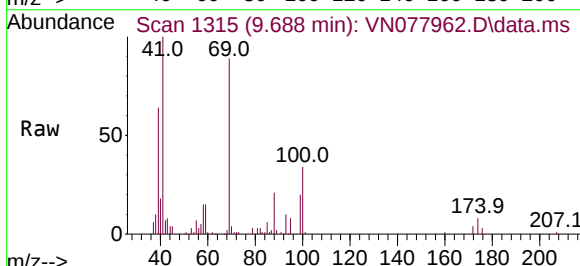
RT: 9.688 min Scan# 1315

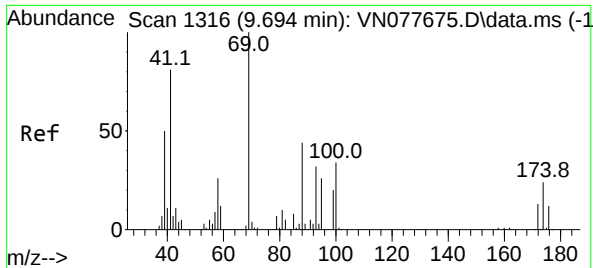
Delta R.T. 0.000 min

Lab File: VN077962.D

Acq: 30 May 2023 12:15

Tgt Ion	Ratio	Lower	Upper
41	100		
69	94.2	90.4	135.6
39	62.2	54.6	81.8





#49

1,4-Dioxane

Concen: 473.693 ug/l

RT: 9.706 min Scan# 1316

Delta R.T. 0.012 min

Lab File: VN077962.D

Acq: 30 May 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBSD01

Tgt Ion: 88 Resp: 3525

Ion Ratio Lower Upper

88 100

43 24.0 17.0 25.6

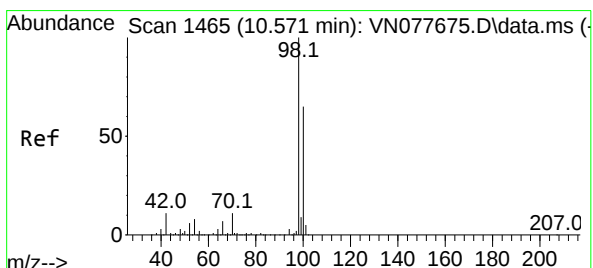
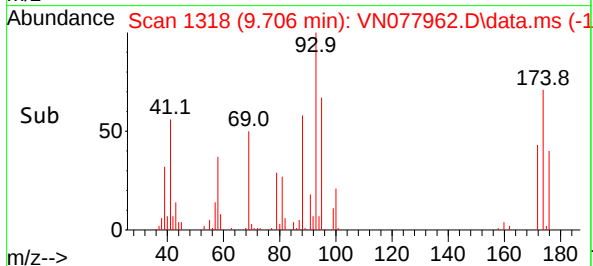
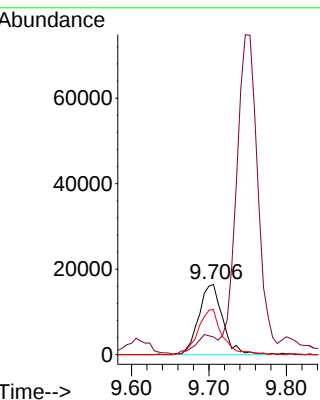
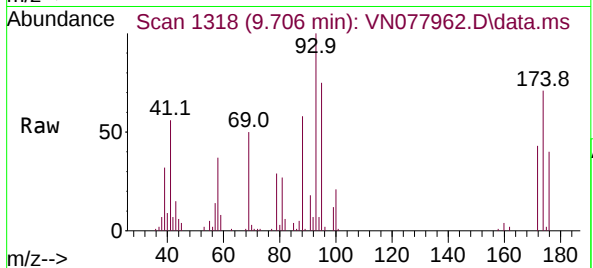
58 64.4 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023

Supervised By :Mahesh Dadoda 05/31/2023



#50

Toluene-d8

Concen: 52.955 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN077962.D

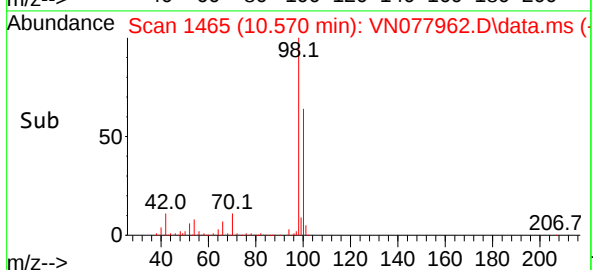
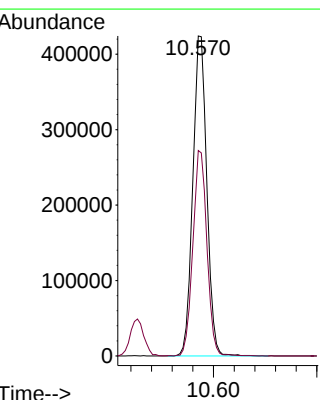
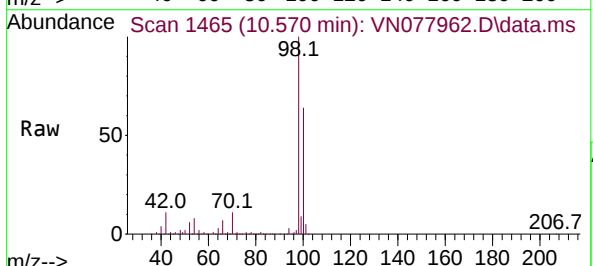
Acq: 30 May 2023 12:15

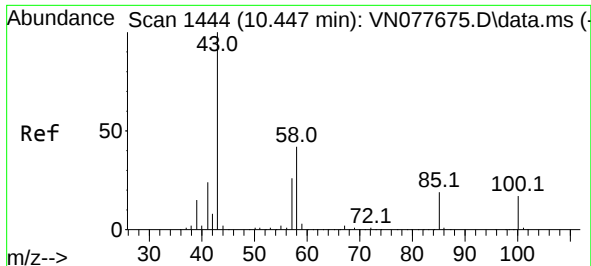
Tgt Ion: 98 Resp: 795455

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0





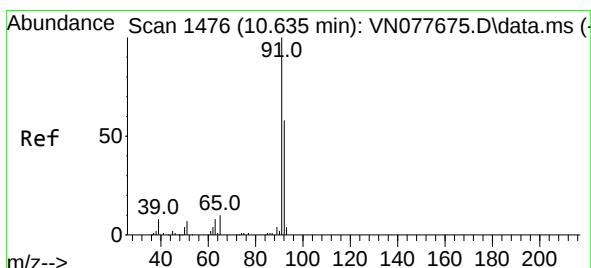
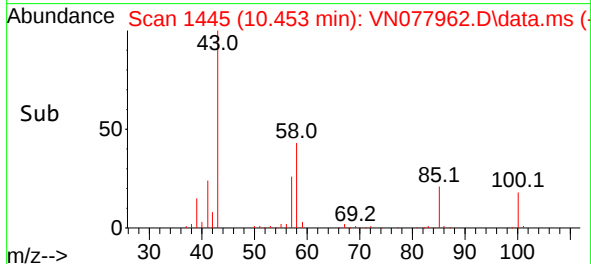
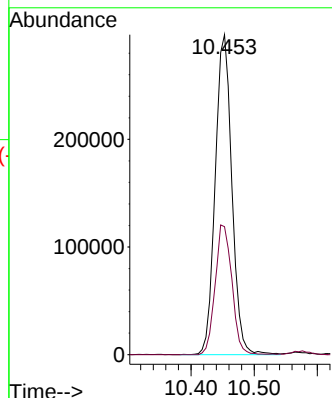
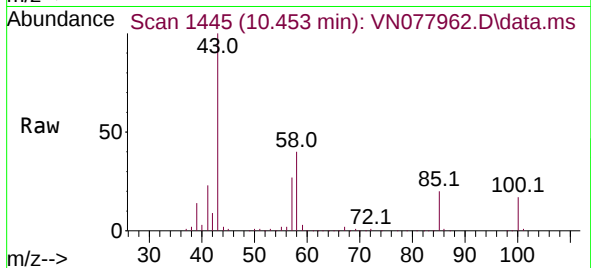
#51
4-Methyl-2-Pentanone
Concen: 110.116 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01

Tgt Ion: 43 Resp: 54394
Ion Ratio Lower Upper
43 100
58 40.7 36.6 54.8

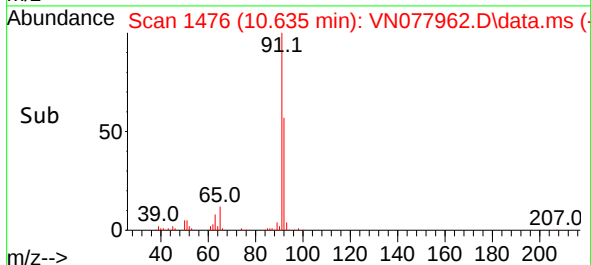
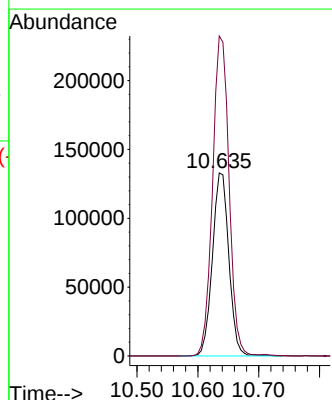
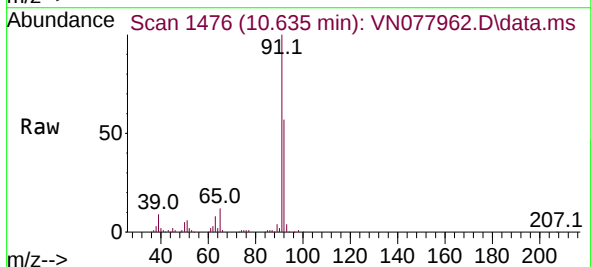
Manual Integrations
APPROVED

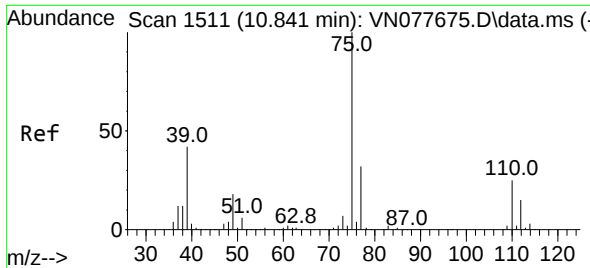
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#52
Toluene
Concen: 23.703 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

Tgt Ion: 92 Resp: 248568
Ion Ratio Lower Upper
92 100
91 175.5 137.4 206.0





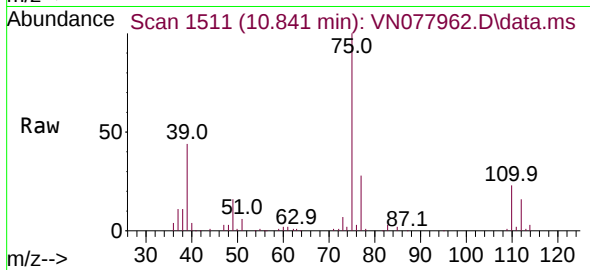
#53
t-1,3-Dichloropropene
Concen: 22.867 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBSD01

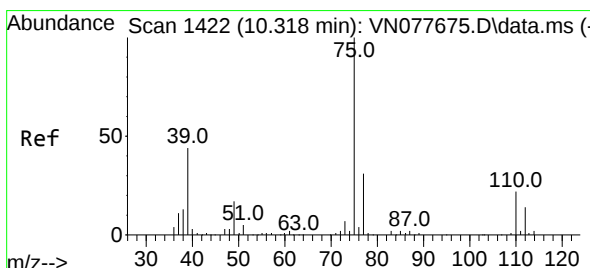
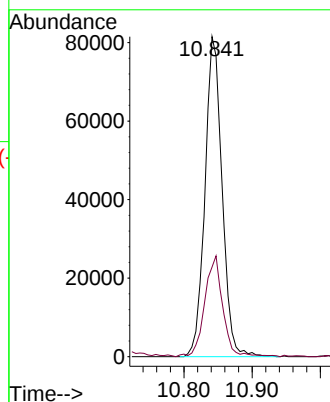
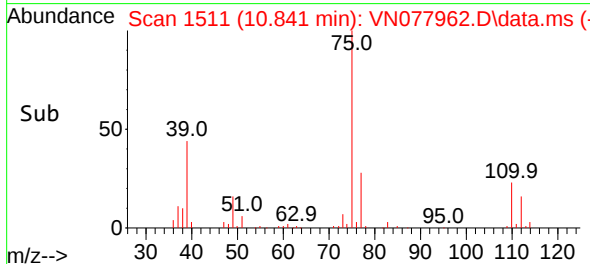


Tgt Ion: 75 Resp: 142537
Ion Ratio Lower Upper
75 100
77 28.0 25.4 38.0

Manual Integrations

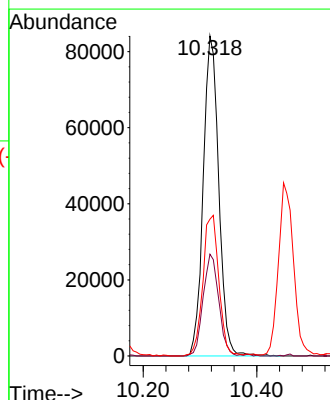
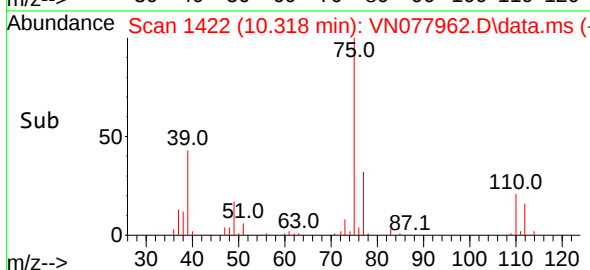
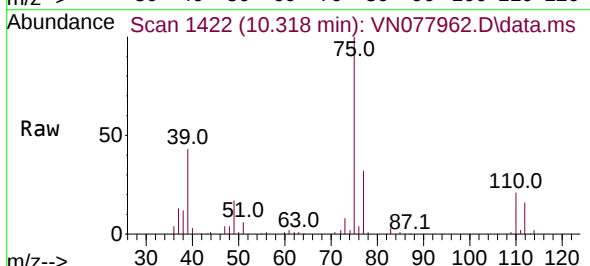
APPROVED

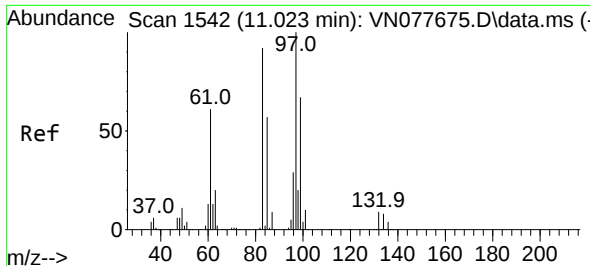
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#54
cis-1,3-Dichloropropene
Concen: 23.211 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

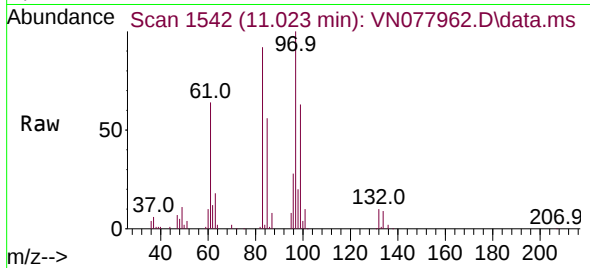
Tgt Ion: 75 Resp: 159437
Ion Ratio Lower Upper
75 100
77 31.8 26.1 39.1
39 42.8 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 23.585 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

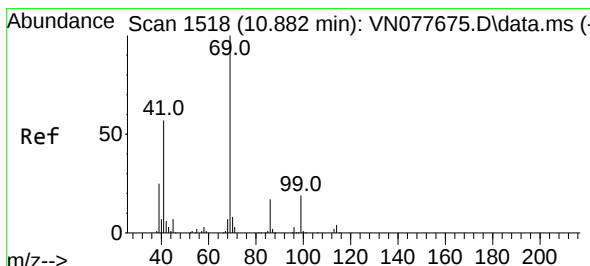
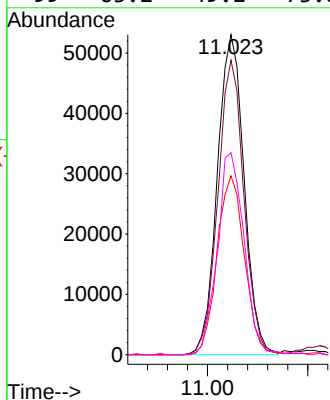
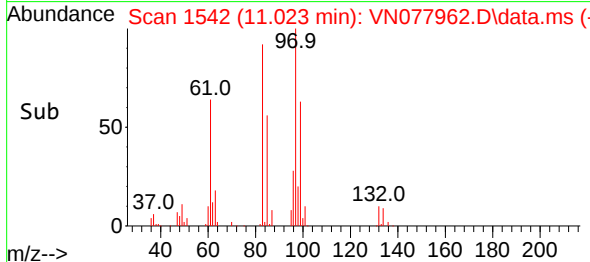
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



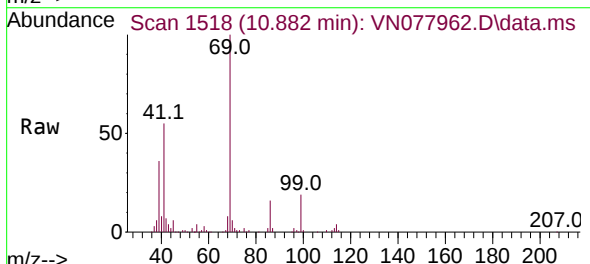
Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.0	65.1	97.7
85	55.9	43.4	65.2
99	63.2	49.2	73.8

Manual Integrations
APPROVED

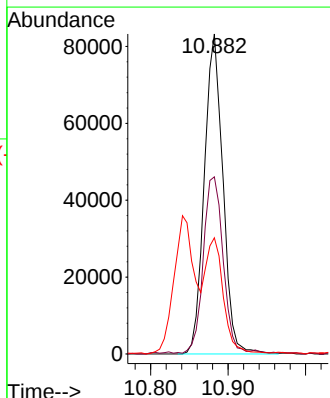
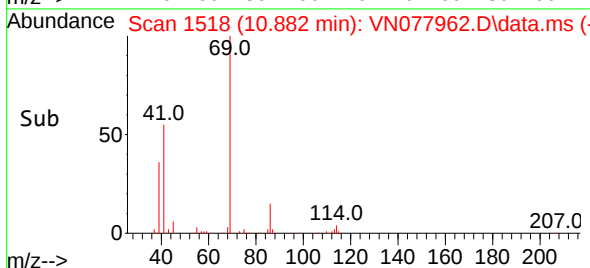
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023

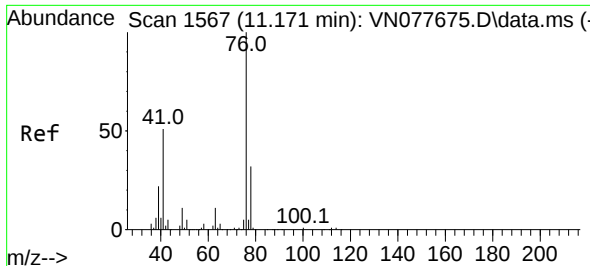


#56
Ethyl methacrylate
Concen: 22.034 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15



Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.4	39.6	59.4
39	34.2	28.6	43.0





#57

1,3-Dichloropropane

Concen: 23.756 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.001 min

Lab File: VN077962.D

Acq: 30 May 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBSD01

Tgt Ion: 76 Resp: 16957

Ion Ratio Lower Upper

76 100

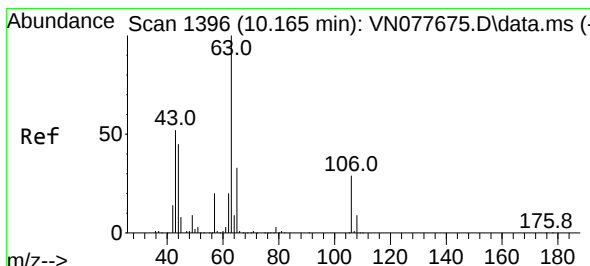
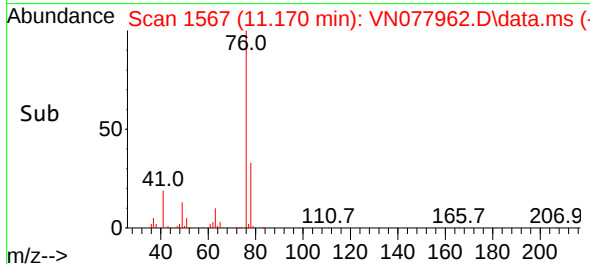
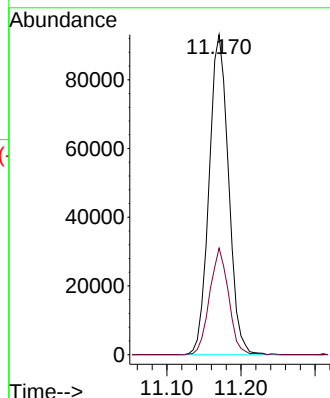
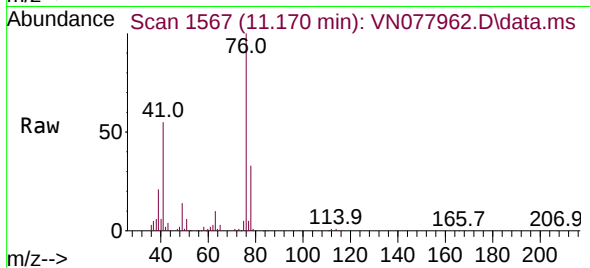
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023

Supervised By :Mahesh Dadoda 05/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 90.331 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077962.D

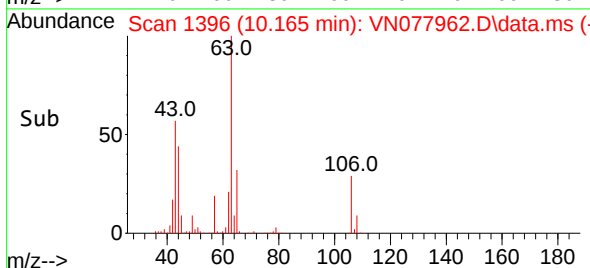
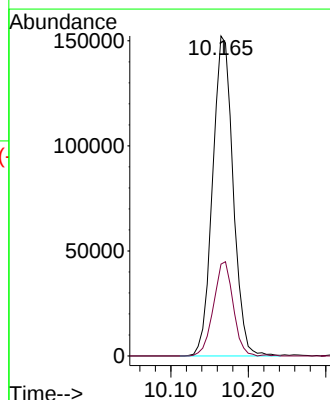
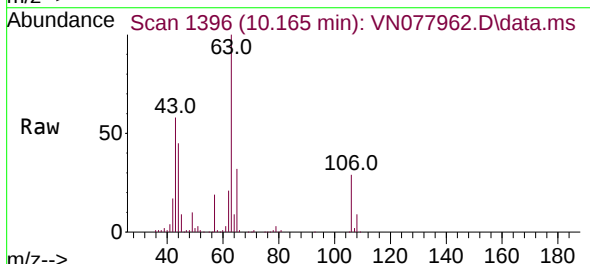
Acq: 30 May 2023 12:15

Tgt Ion: 63 Resp: 279776

Ion Ratio Lower Upper

63 100

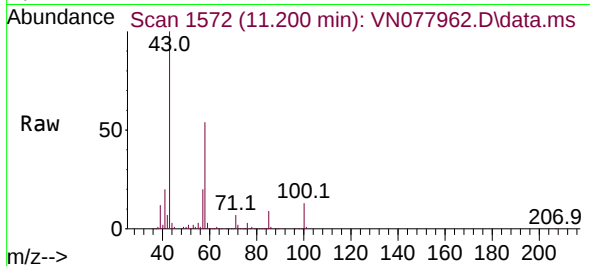
106 28.3 26.2 39.4





#59
2-Hexanone
Concen: 100.441 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

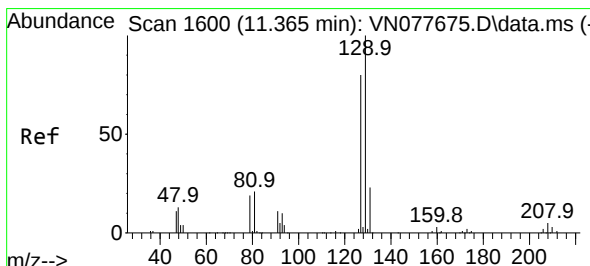
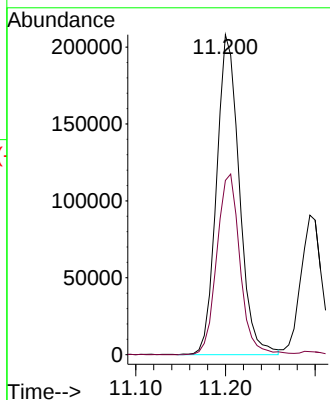
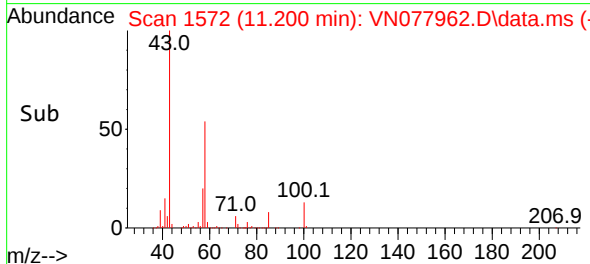
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



Tgt Ion: 43 Resp: 36698
Ion Ratio Lower Upper
43 100
58 57.4 31.7 95.1

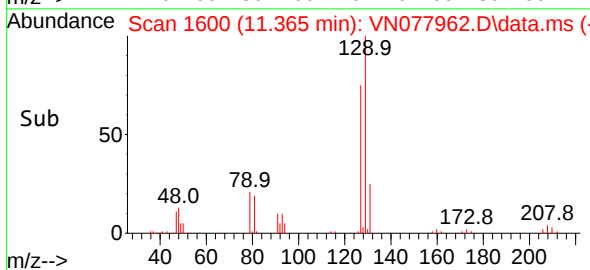
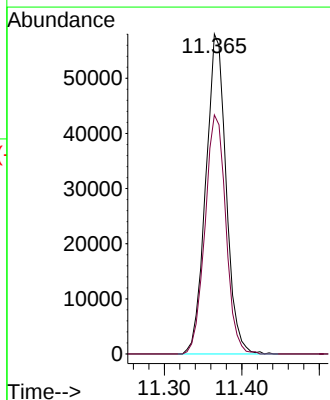
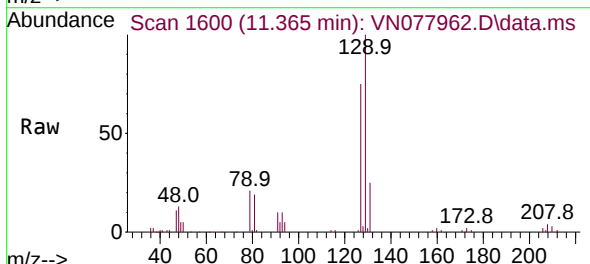
Manual Integrations
APPROVED

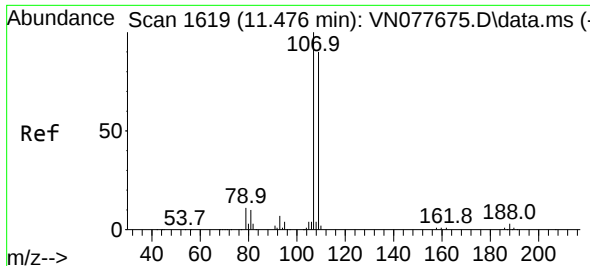
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#60
Dibromochloromethane
Concen: 24.619 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

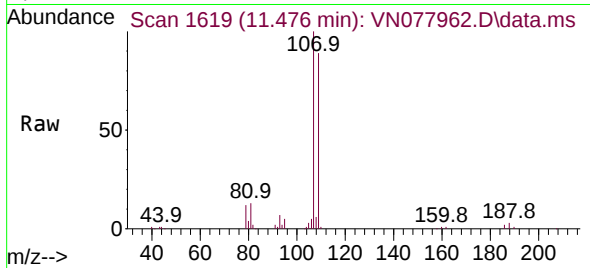
Tgt Ion:129 Resp: 105823
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 23.389 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

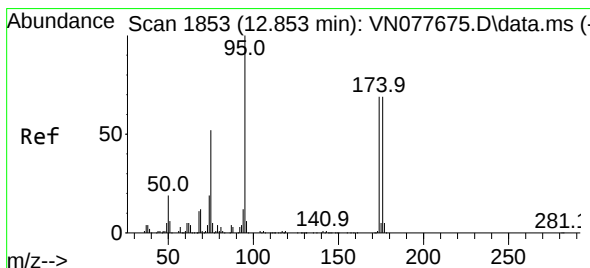
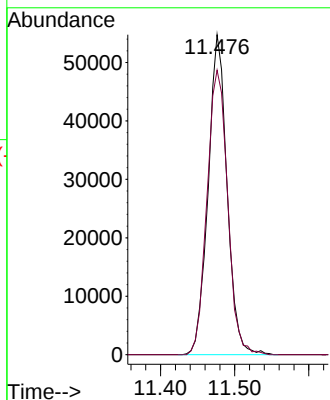
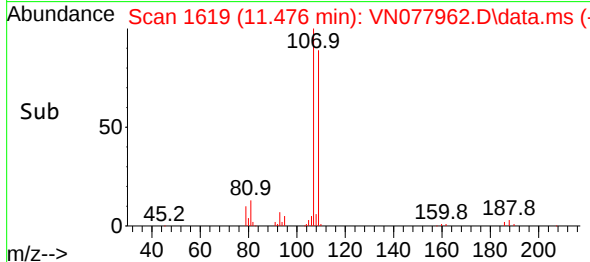
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



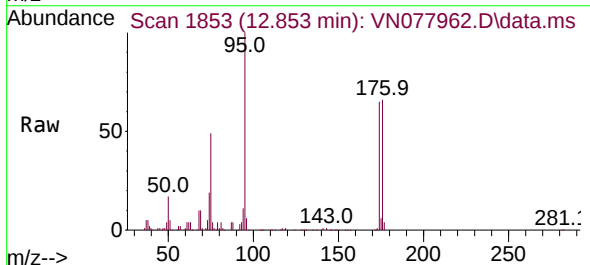
Tgt Ion: 107 Resp: 97154
Ion Ratio Lower Upper
107 100
109 96.9 76.6 114.8

Manual Integrations
APPROVED

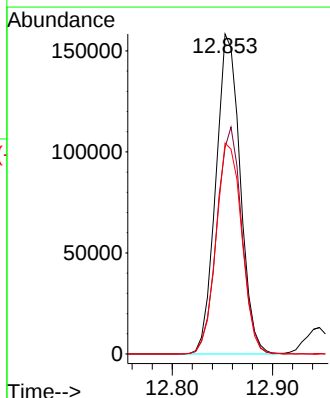
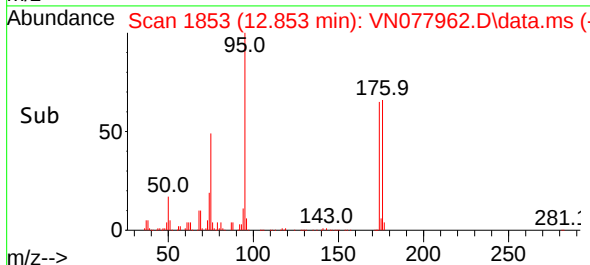
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023

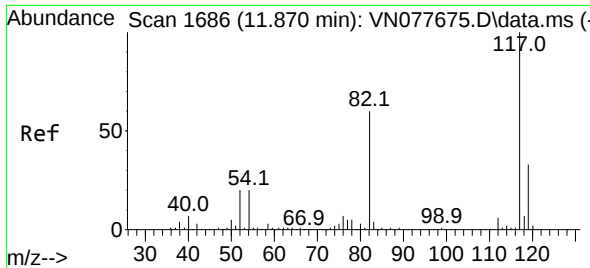


#62
4-Bromofluorobenzene
Concen: 50.243 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15



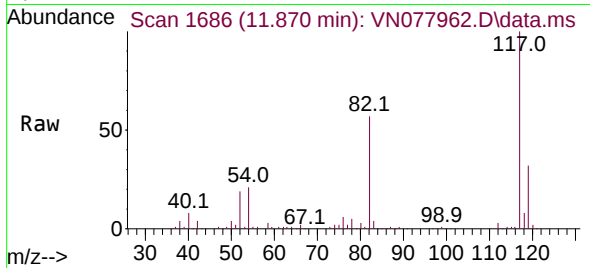
Tgt Ion: 95 Resp: 266551
Ion Ratio Lower Upper
95 100
174 72.8 0.0 143.8
176 69.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

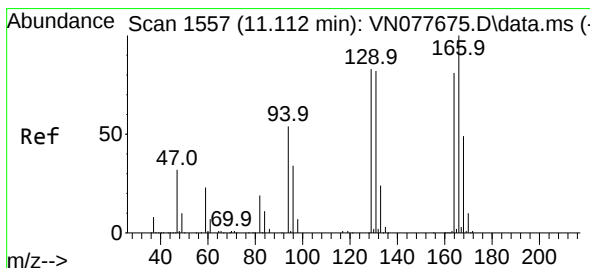
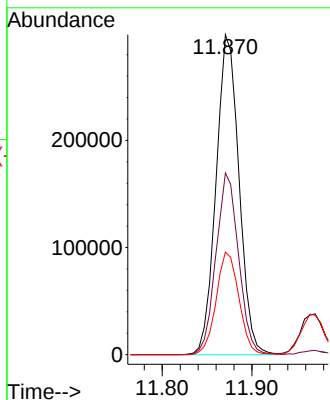
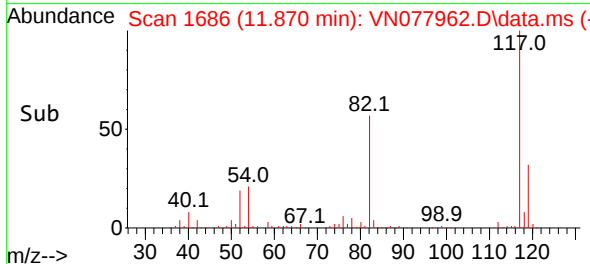
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



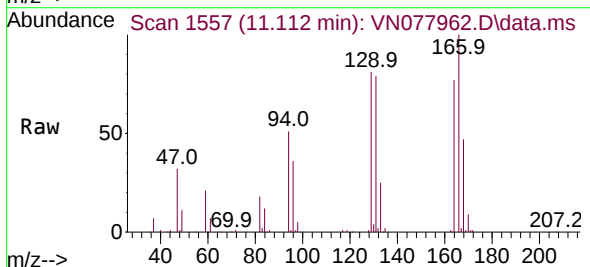
Tgt Ion:117 Resp: 53125
Ion Ratio Lower Upper
117 100
82 56.8 44.0 66.0
119 32.0 25.6 38.4

Manual Integrations
APPROVED

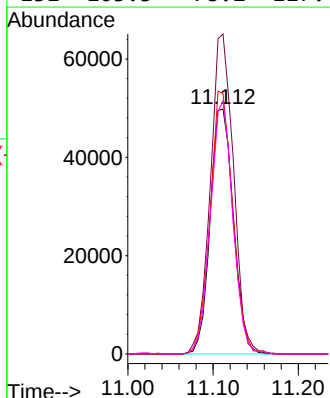
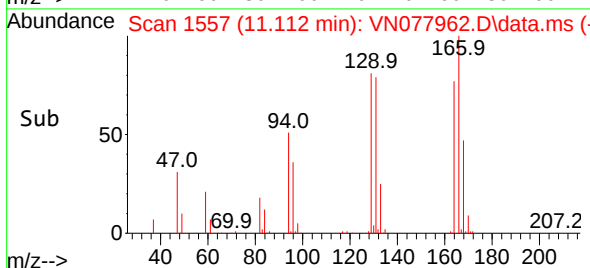
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023

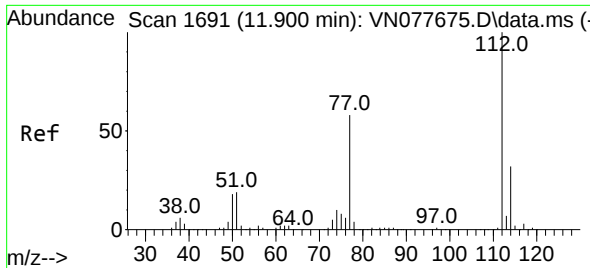


#64
Tetrachloroethene
Concen: 25.417 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15



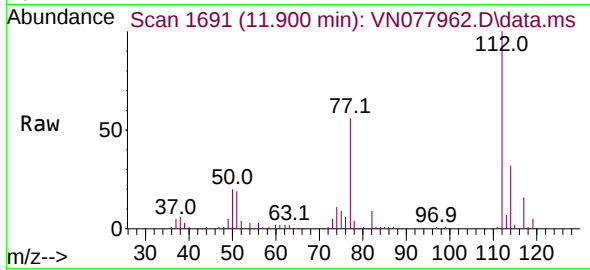
Tgt Ion:164 Resp: 94428
Ion Ratio Lower Upper
164 100
166 130.6 101.4 152.0
129 106.2 82.4 123.6
131 103.3 78.2 117.4





#65
Chlorobenzene
Concen: 23.214 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

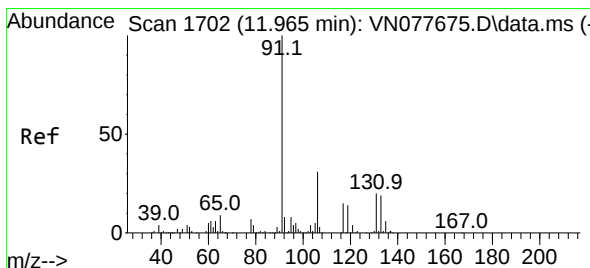
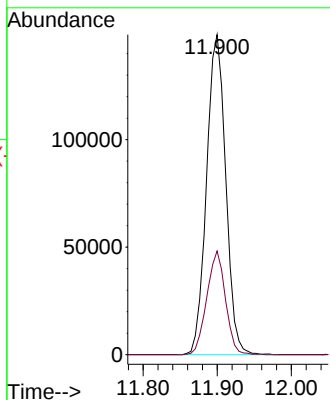
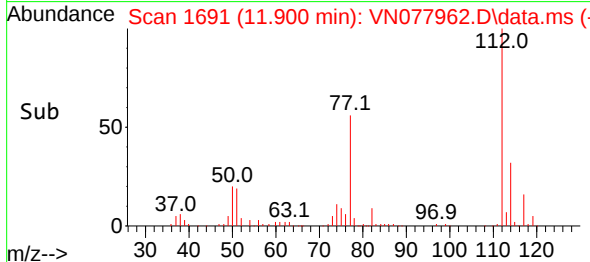
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



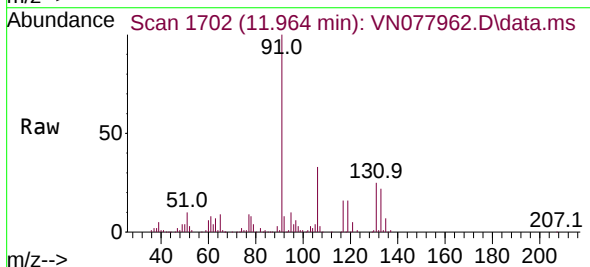
Tgt Ion:112 Resp: 267358
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.4

Manual Integrations
APPROVED

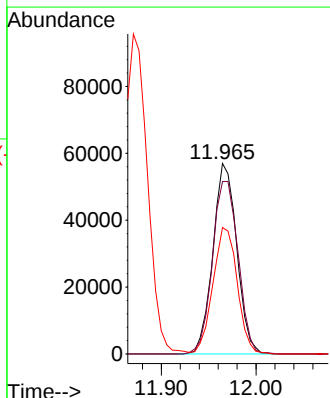
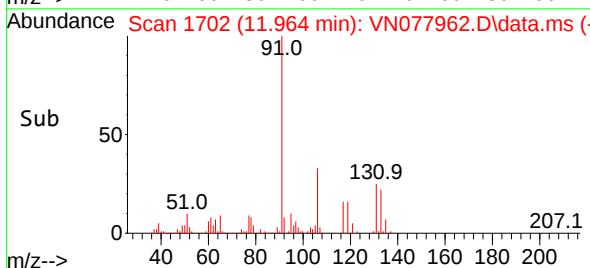
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023

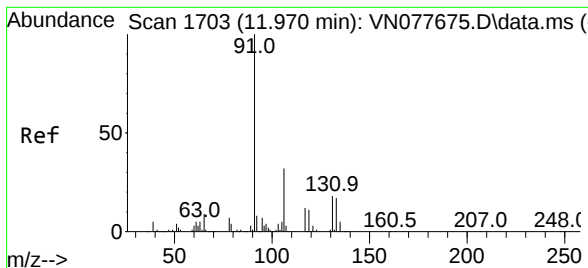


#66
1,1,1,2-Tetrachloroethane
Concen: 25.078 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15



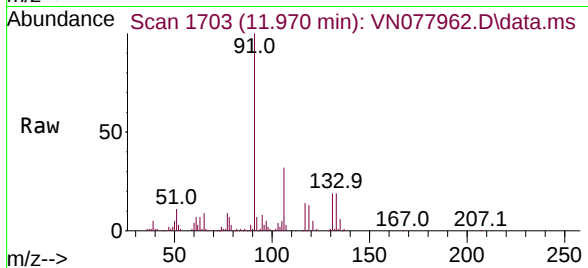
Tgt Ion:131 Resp: 99937
Ion Ratio Lower Upper
131 100
133 97.4 46.4 139.1
119 67.8 34.1 102.2





#67
Ethyl Benzene
Concen: 22.546 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

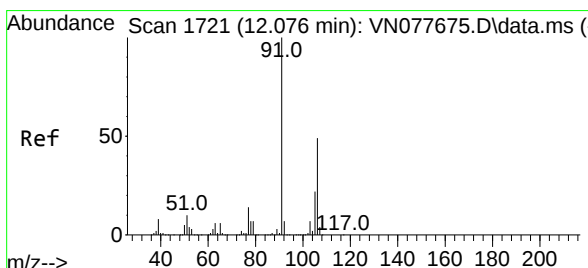
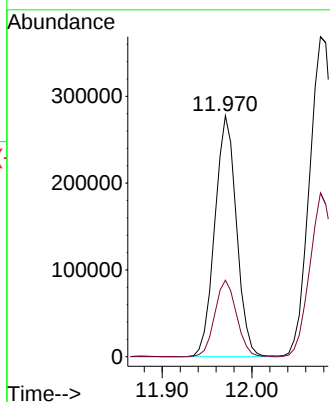
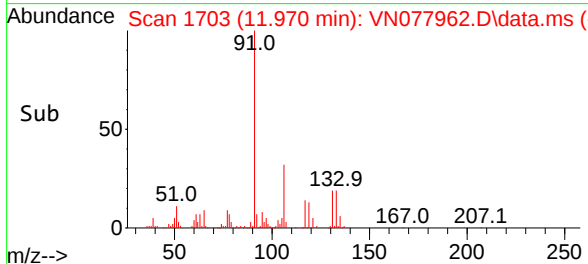
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



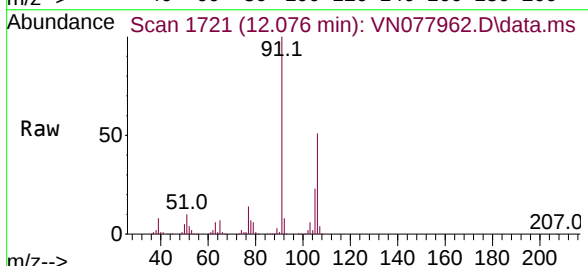
Tgt Ion: 91 Resp: 465327
Ion Ratio Lower Upper
91 100
106 31.7 25.6 38.4

Manual Integrations
APPROVED

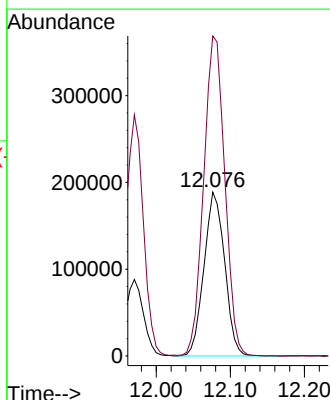
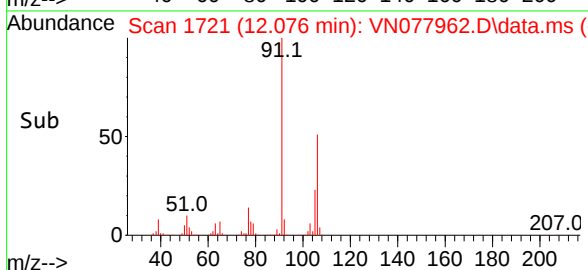
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023

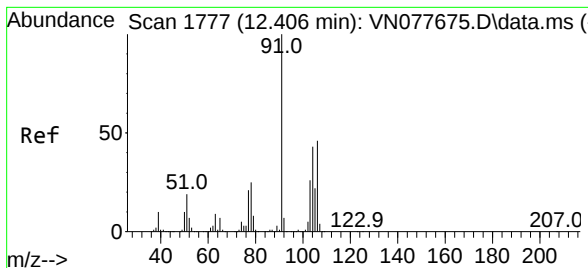


#68
m/p-Xylenes
Concen: 46.715 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15



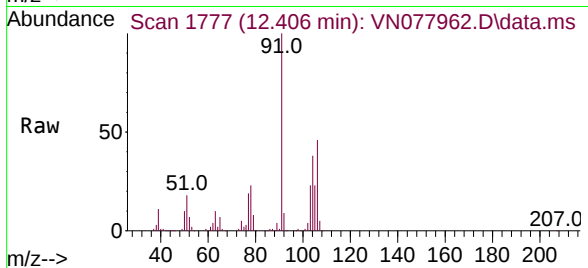
Tgt Ion:106 Resp: 365327
Ion Ratio Lower Upper
106 100
91 200.0 159.6 239.4





#69
o-Xylene
Concen: 22.825 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

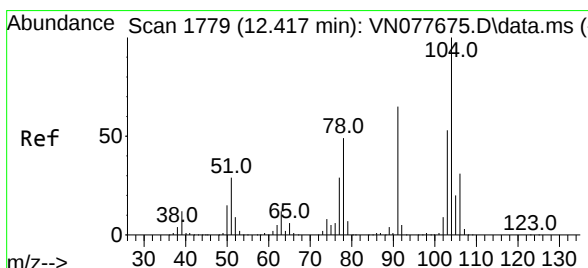
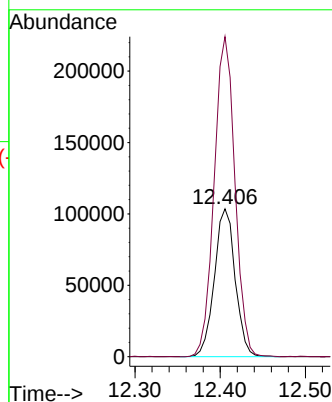
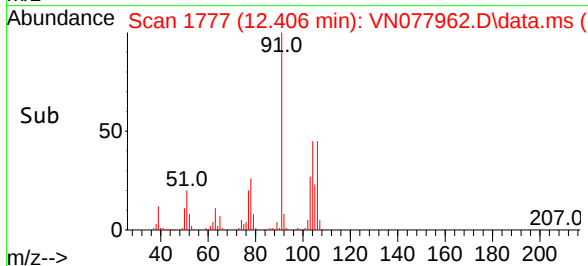
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



Tgt Ion:106 Resp: 175540
Ion Ratio Lower Upper
106 100
91 216.4 105.2 315.5

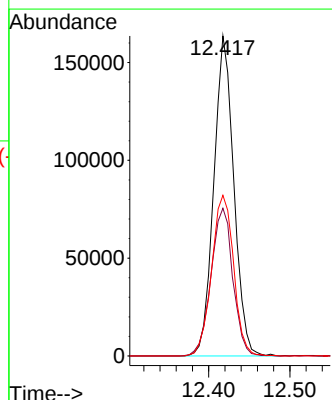
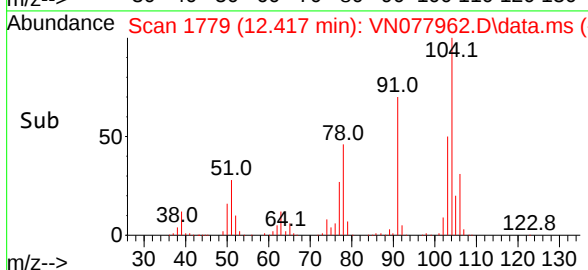
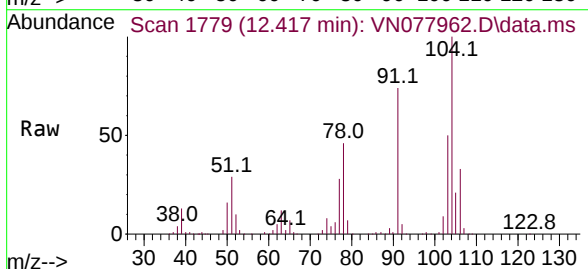
Manual Integrations
APPROVED

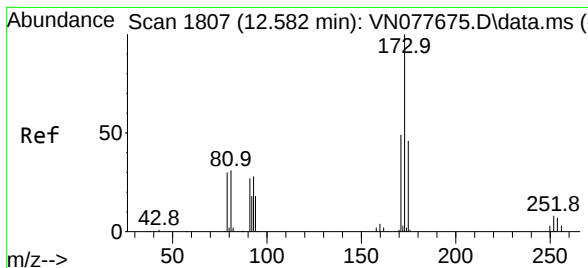
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#70
Styrene
Concen: 22.985 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

Tgt Ion:104 Resp: 280816
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 55.1 43.2 64.8





#71

Bromoform

Concen: 24.402 ug/l

RT: 12.588 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VN077962.D

Acq: 30 May 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

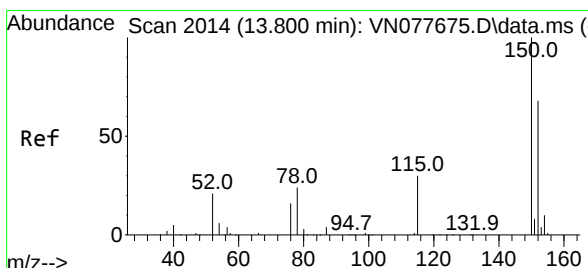
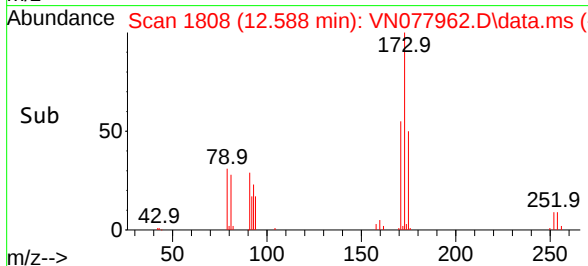
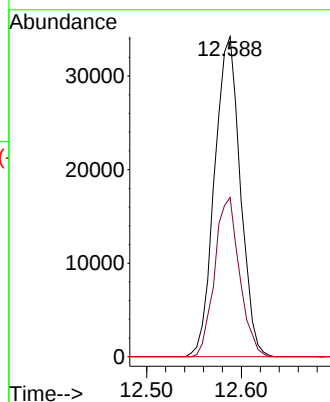
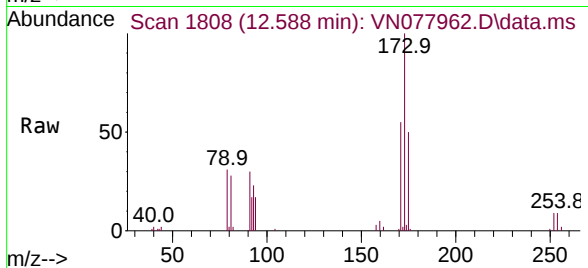
VN0530WBSD01

Tgt Ion:173 Resp: 64689
 Ion Ratio Lower Upper
 173 100
 175 48.0 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
 Supervised By :Mahesh Dadoda 05/31/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

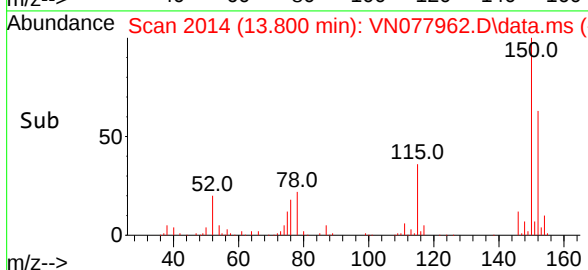
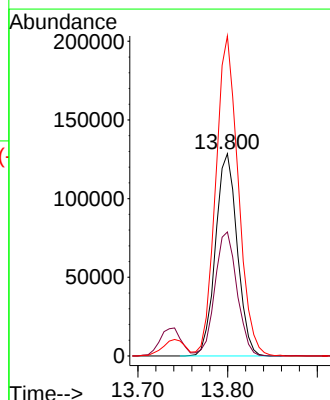
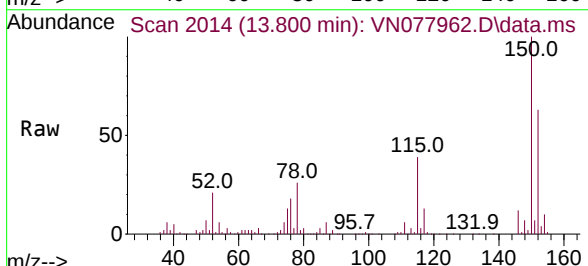
RT: 13.800 min Scan# 2014

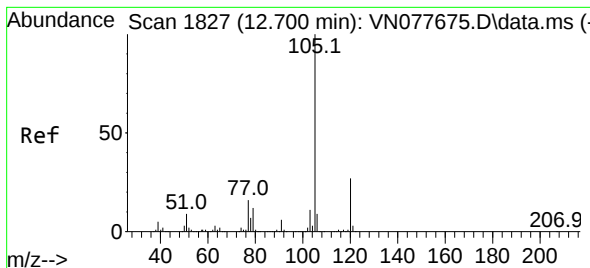
Delta R.T. -0.000 min

Lab File: VN077962.D

Acq: 30 May 2023 12:15

Tgt Ion:152 Resp: 215365
 Ion Ratio Lower Upper
 152 100
 115 62.8 32.3 96.8
 150 164.4 0.0 355.8





#73

Isopropylbenzene

Concen: 24.196 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN077962.D

Acq: 30 May 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBSD01

Tgt Ion:105 Resp: 44918

Ion Ratio Lower Upper

105 100

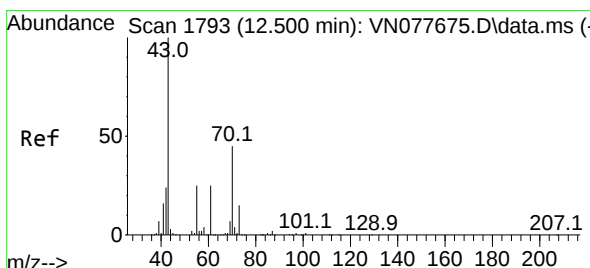
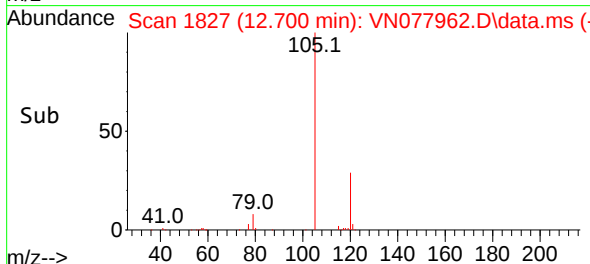
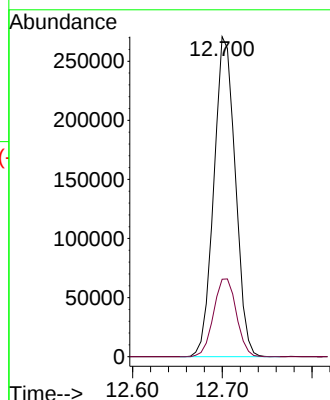
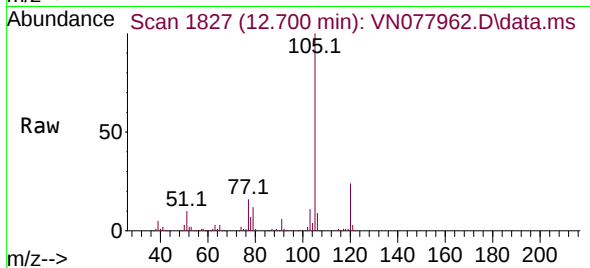
120 25.8 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023

Supervised By :Mahesh Dadoda 05/31/2023



#74

N-ethyl acetate

Concen: 20.560 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN077962.D

Acq: 30 May 2023 12:15

Tgt Ion: 43 Resp: 141083

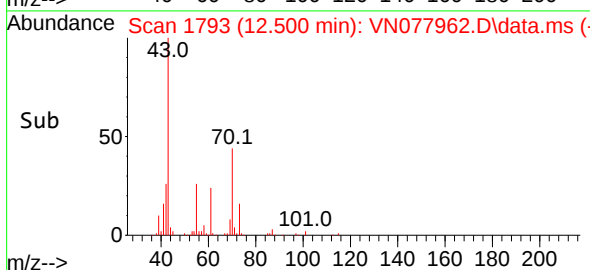
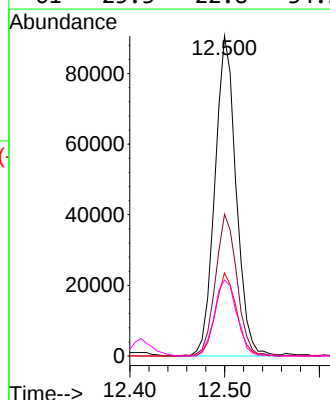
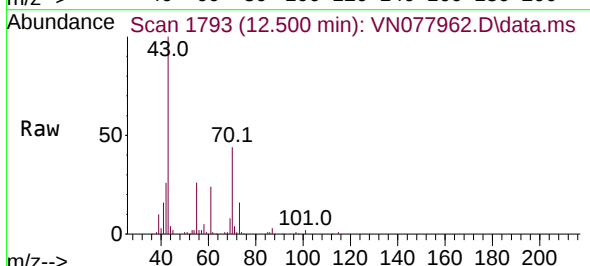
Ion Ratio Lower Upper

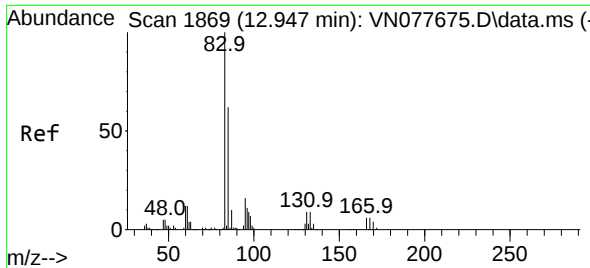
43 100

70 44.7 43.4 65.2

55 26.0 21.4 32.0

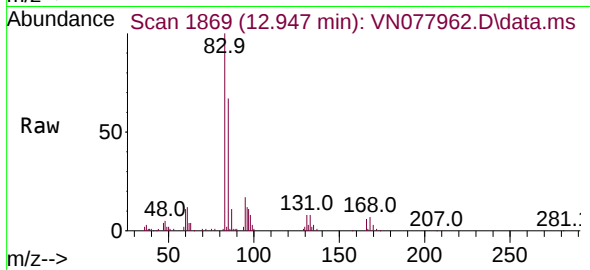
61 25.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 22.924 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

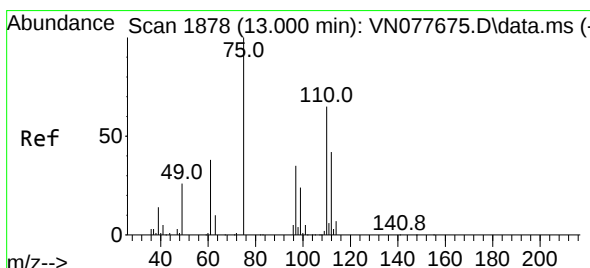
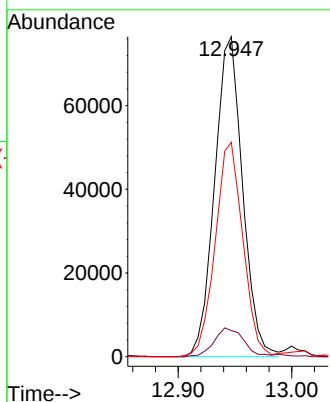
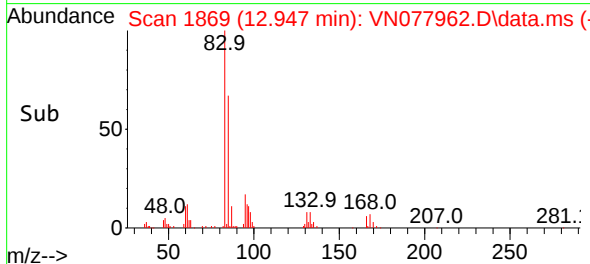
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



Tgt Ion: 83 Resp: 130925
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 66.4 31.9 95.7

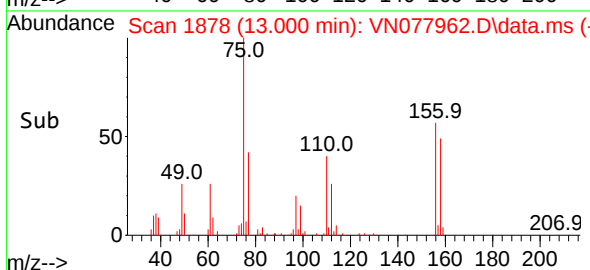
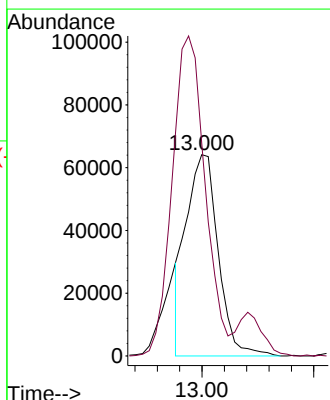
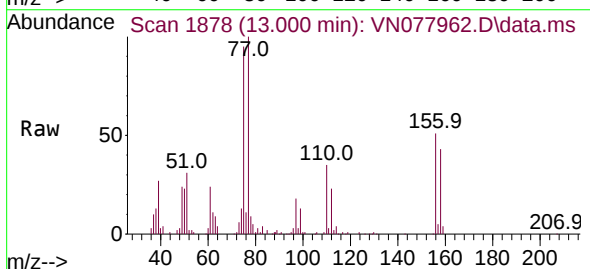
Manual Integrations
APPROVED

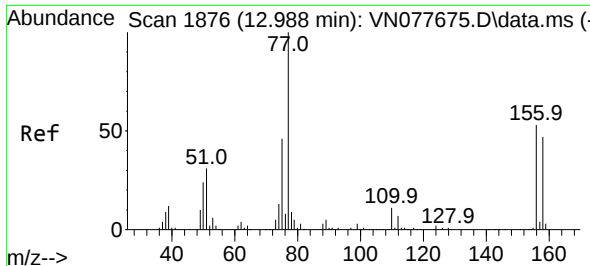
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#76
1,2,3-Trichloropropane
Concen: 23.710 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

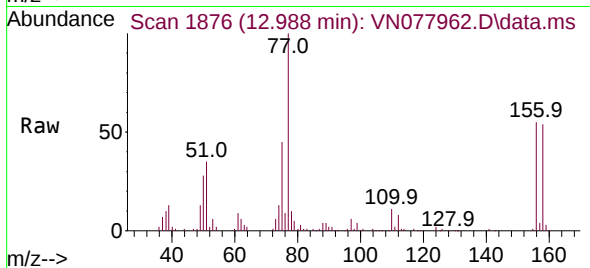
Tgt Ion: 75 Resp: 127880
Ion Ratio Lower Upper
75 100
77 163.2 84.5 253.5





#77
Bromobenzene
Concen: 23.810 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

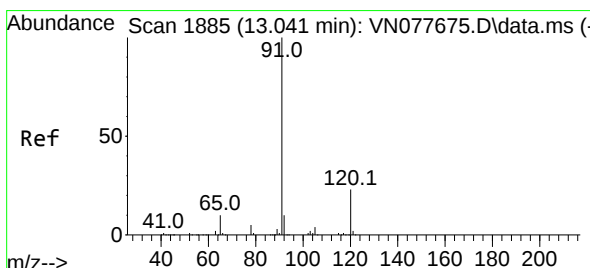
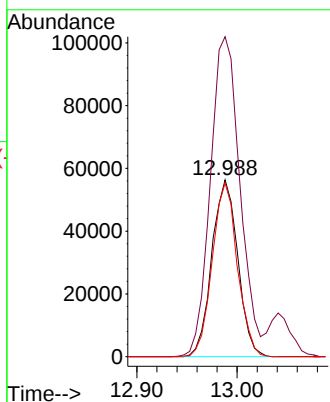
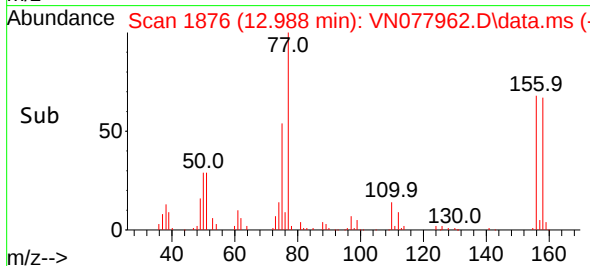
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



Tgt Ion:156 Resp: 100872
Ion Ratio Lower Upper
156 100
77 206.9 107.7 323.3
158 95.4 48.4 145.3

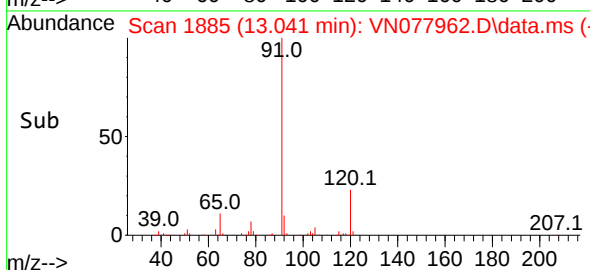
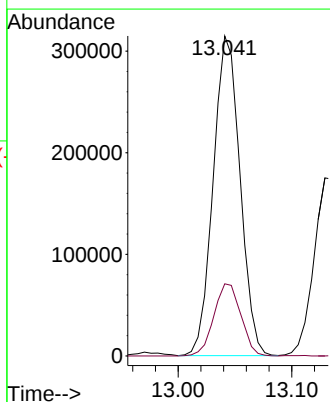
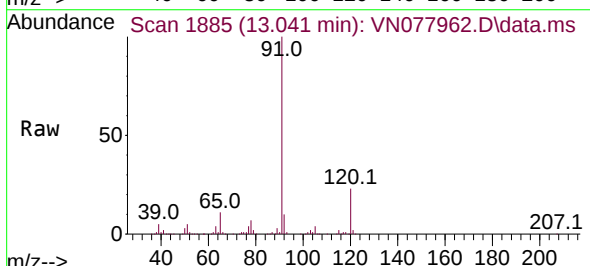
Manual Integrations
APPROVED

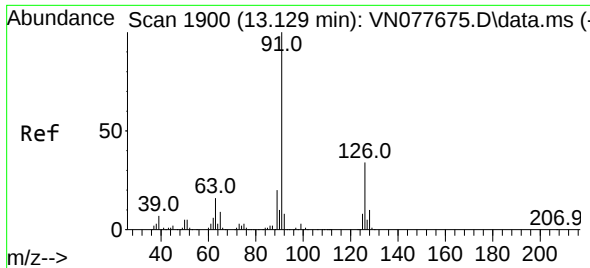
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#78
n-propylbenzene
Concen: 23.600 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

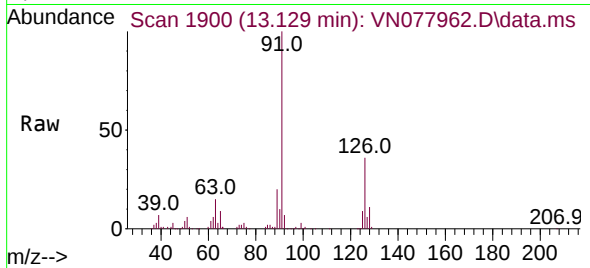
Tgt Ion: 91 Resp: 516527
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4





#79
2-Chlorotoluene
Concen: 24.198 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

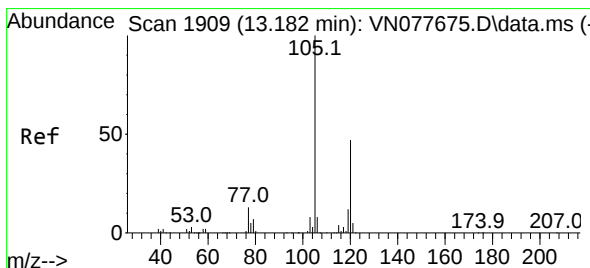
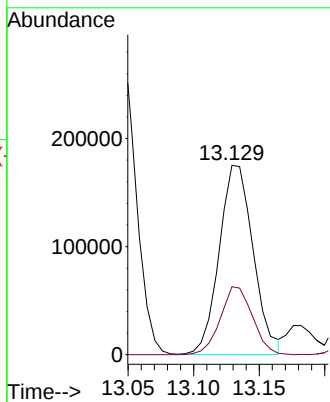
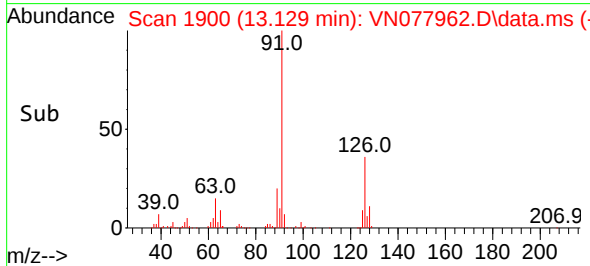
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



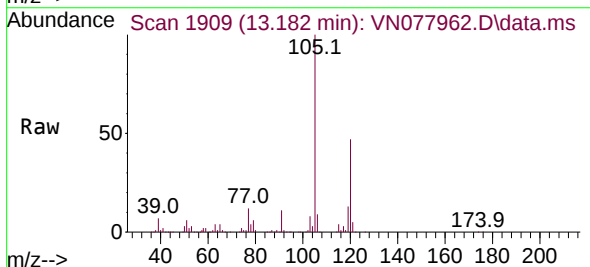
Tgt Ion: 91 Resp: 316024
Ion Ratio Lower Upper
91 100
126 33.9 16.3 48.8

Manual Integrations
APPROVED

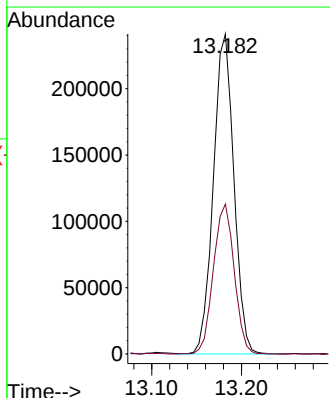
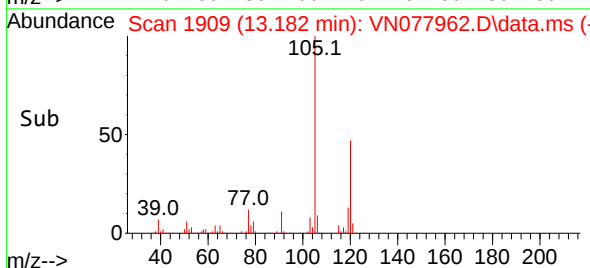
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023

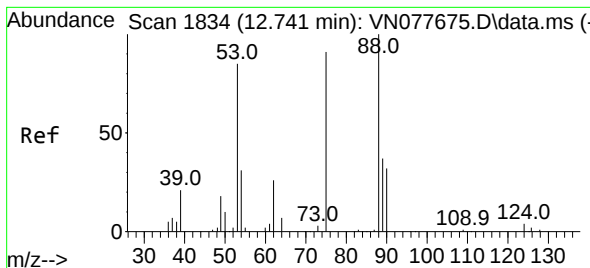


#80
1,3,5-Trimethylbenzene
Concen: 24.544 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15



Tgt Ion:105 Resp: 382950
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.3





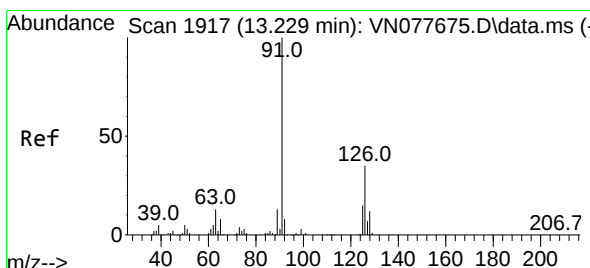
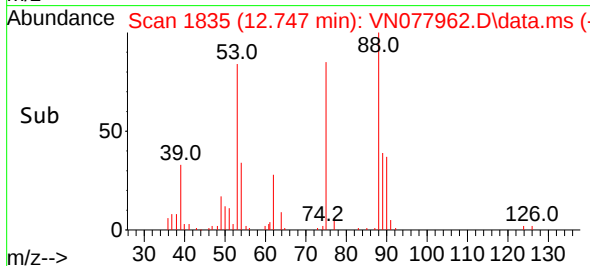
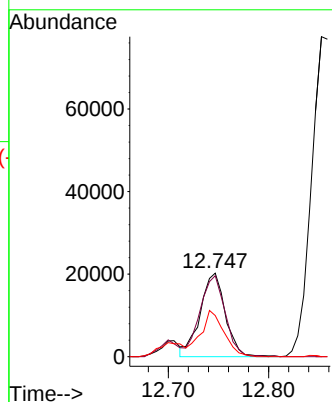
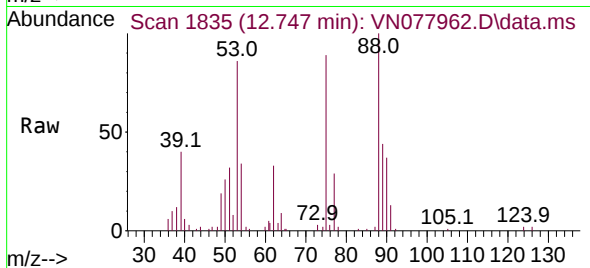
#81
trans-1,4-Dichloro-2-butene
Concen: 20.986 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01

Tgt Ion: 75 Resp: 35409
Ion Ratio Lower Upper
75 100
53 95.8 67.4 101.2
89 50.9 38.8 58.2

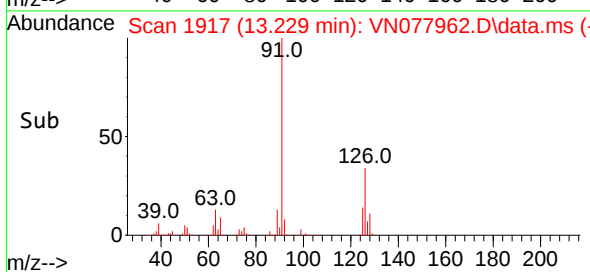
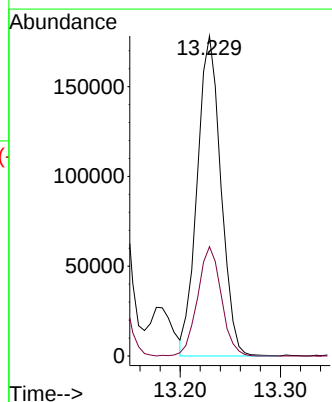
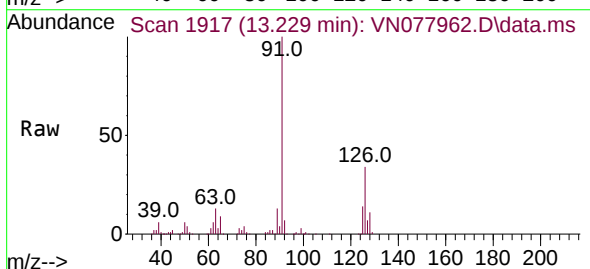
Manual Integrations
APPROVED

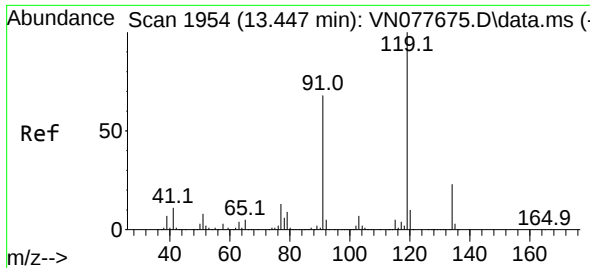
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#82
4-Chlorotoluene
Concen: 22.550 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

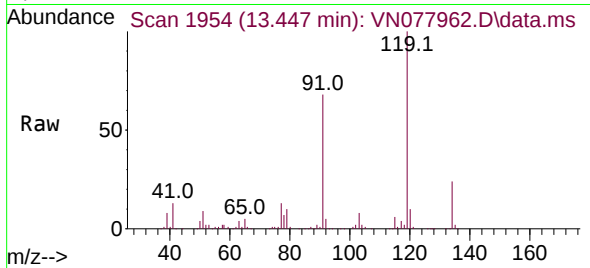
Tgt Ion: 91 Resp: 293019
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 23.245 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

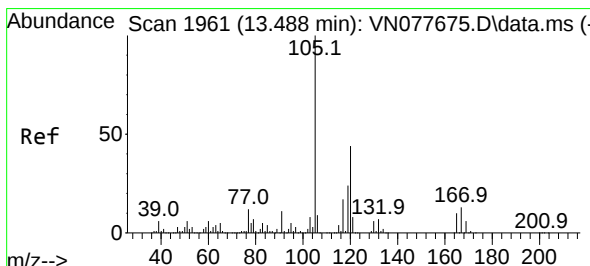
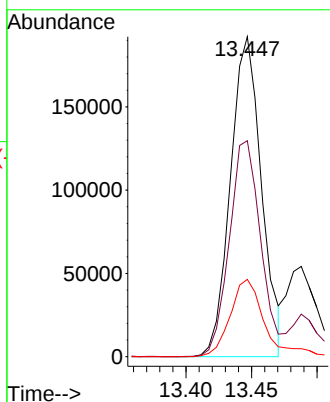
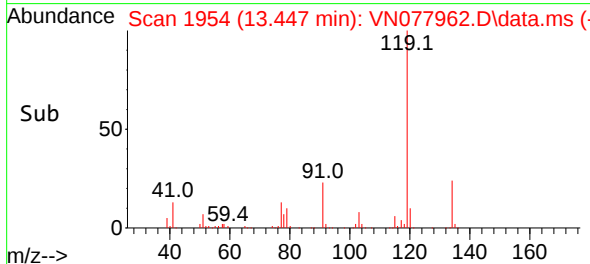
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



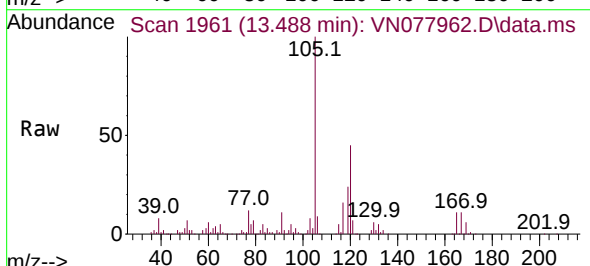
Tgt Ion:119 Resp: 316620
Ion Ratio Lower Upper
119 100
91 69.3 33.9 101.7
134 26.8 13.2 39.6

Manual Integrations
APPROVED

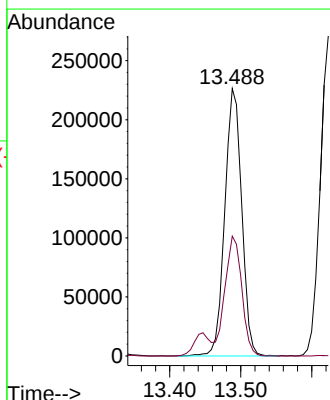
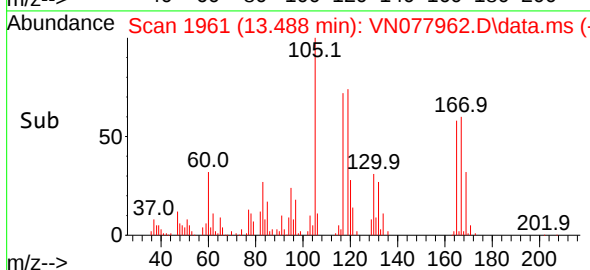
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023

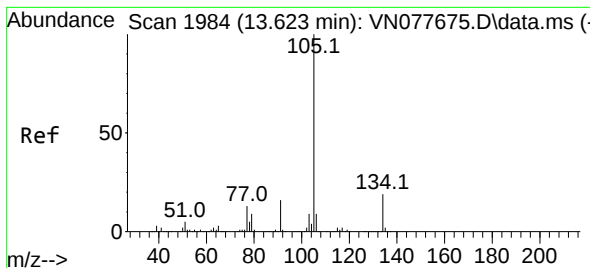


#84
1,2,4-Trimethylbenzene
Concen: 24.363 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15



Tgt Ion:105 Resp: 373847
Ion Ratio Lower Upper
105 100
120 45.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 22.785 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN077962.D

Acq: 30 May 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBSD01

Tgt Ion:105 Resp: 441074

Ion Ratio Lower Upper

105 100

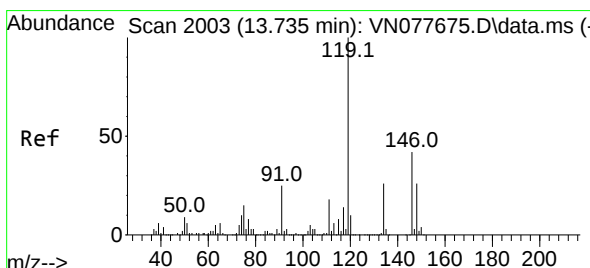
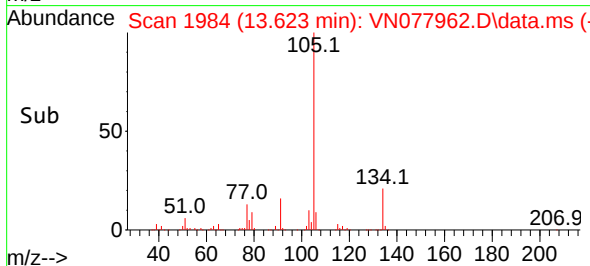
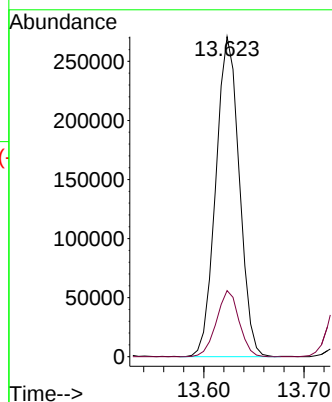
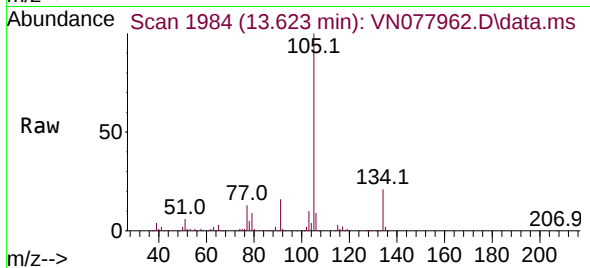
134 19.9 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023

Supervised By :Mahesh Dadoda 05/31/2023



#86

p-Isopropyltoluene

Concen: 23.844 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN077962.D

Acq: 30 May 2023 12:15

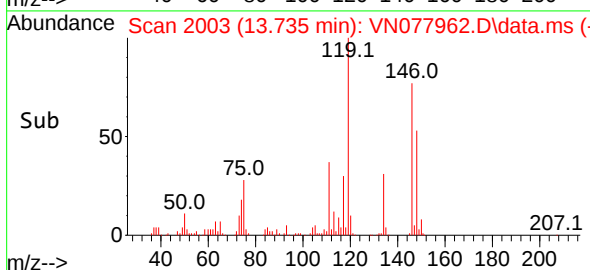
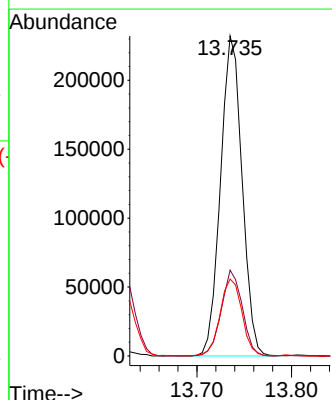
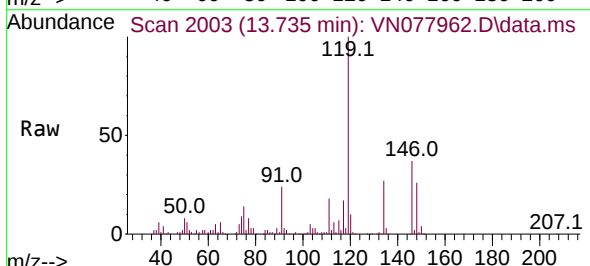
Tgt Ion:119 Resp: 367978

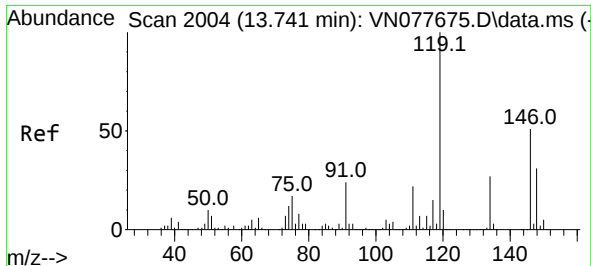
Ion Ratio Lower Upper

119 100

134 26.0 12.6 37.8

91 24.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 22.377 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN077962.D

Acq: 30 May 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

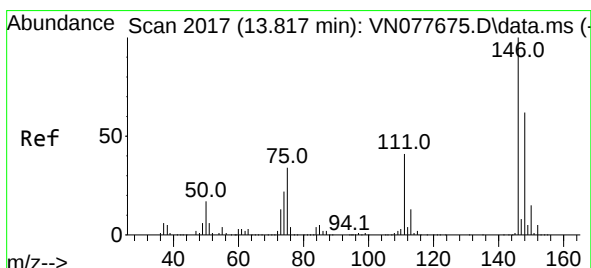
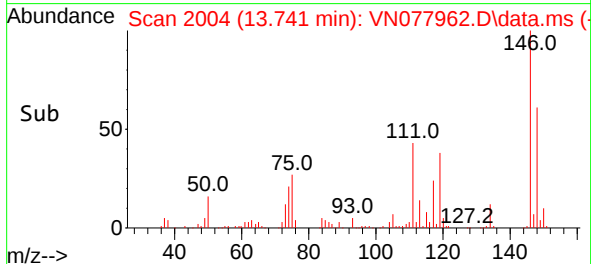
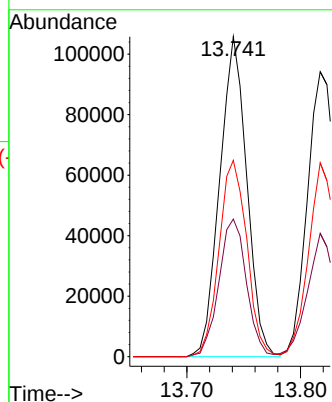
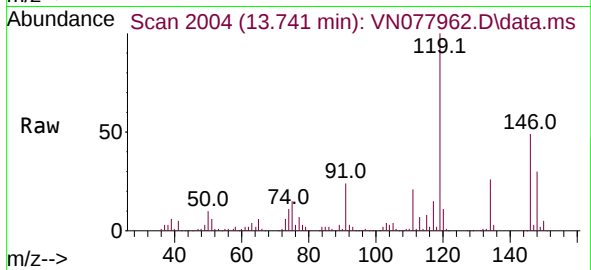
VN0530WBSD01

Tgt Ion:146 Resp: 175320
 Ion Ratio Lower Upper
 146 100
 111 43.8 22.1 66.3
 148 63.0 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
 Supervised By :Mahesh Dadoda 05/31/2023



#88

1,4-Dichlorobenzene

Concen: 21.542 ug/l

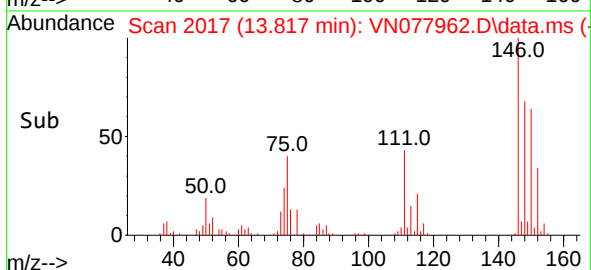
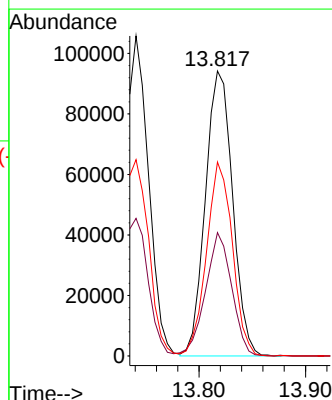
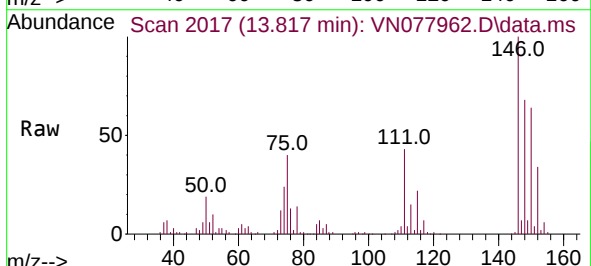
RT: 13.817 min Scan# 2017

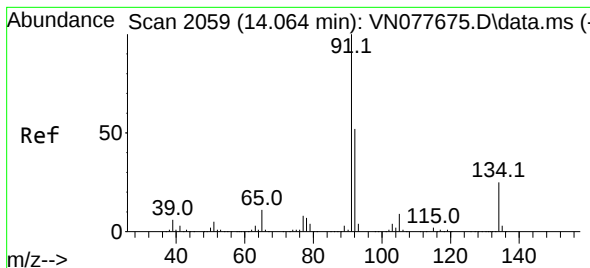
Delta R.T. 0.000 min

Lab File: VN077962.D

Acq: 30 May 2023 12:15

Tgt Ion:146 Resp: 167483
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.6 61.8
 148 64.8 31.6 94.8





#89

n-Butylbenzene

Concen: 19.939 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VN077962.D

Acq: 30 May 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBSD01

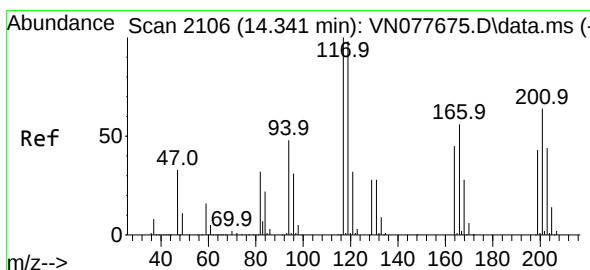
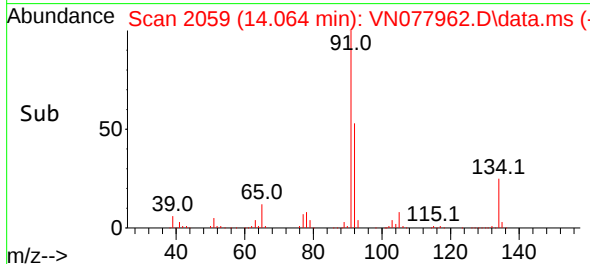
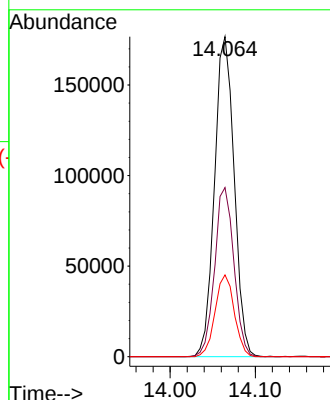
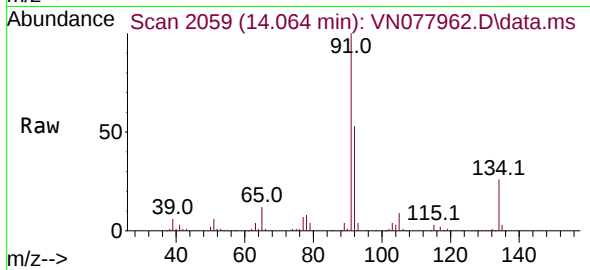
Tgt Ion: 91 Resp: 283030

Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.4	79.0
134	25.0	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#90

Hexachloroethane

Concen: 24.589 ug/l

RT: 14.341 min Scan# 2106

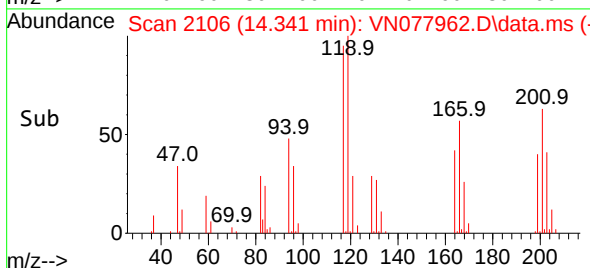
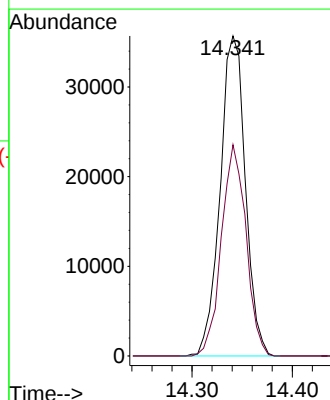
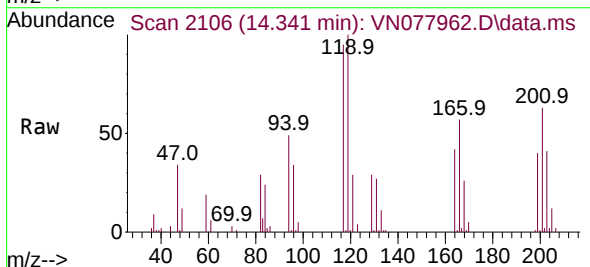
Delta R.T. -0.000 min

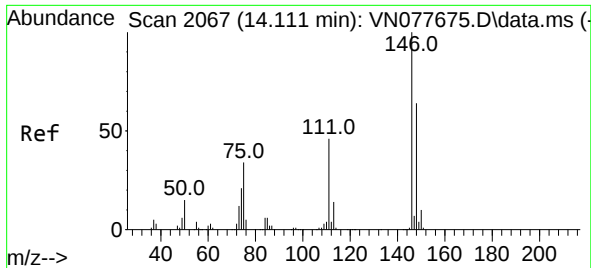
Lab File: VN077962.D

Acq: 30 May 2023 12:15

Tgt Ion:117 Resp: 62340

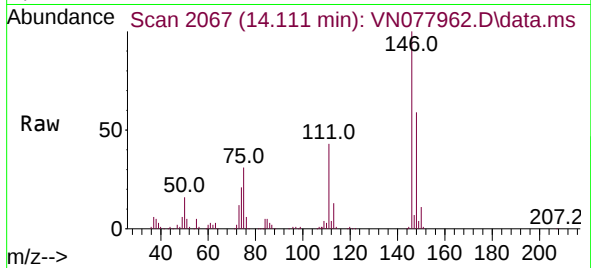
Ion	Ratio	Lower	Upper
117	100		
201	64.4	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 24.017 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

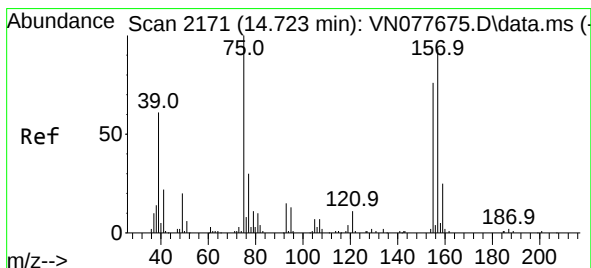
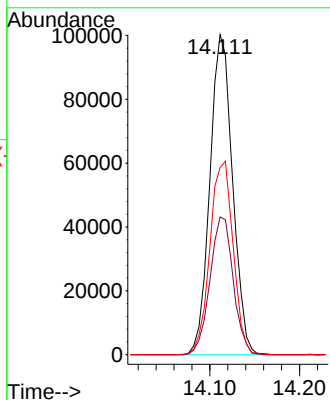
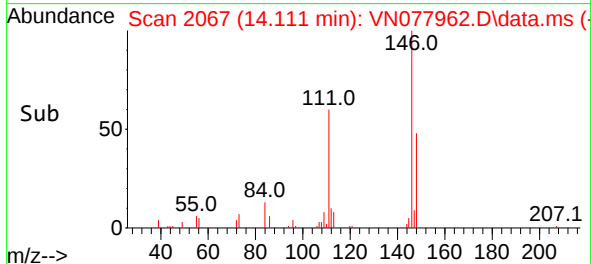
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBSD01



Tgt Ion:146 Resp: 175792
Ion Ratio Lower Upper
146 100
111 44.1 22.0 66.0
148 61.9 31.8 95.3

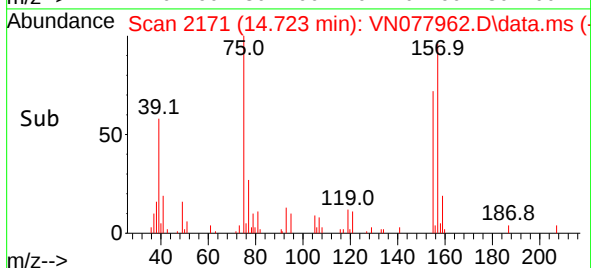
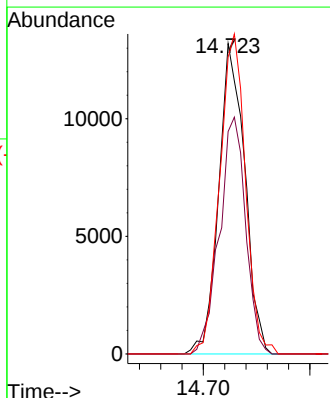
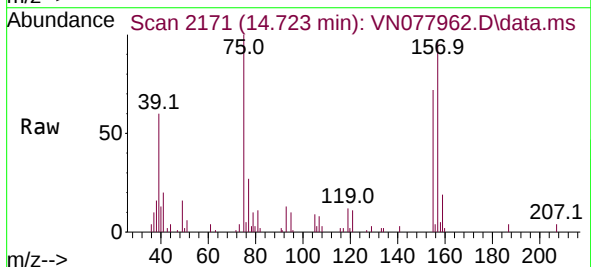
Manual Integrations
APPROVED

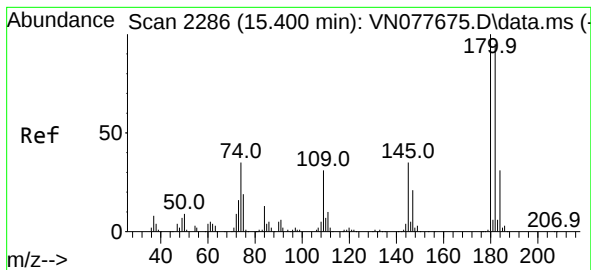
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.226 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN077962.D
Acq: 30 May 2023 12:15

Tgt Ion: 75 Resp: 22364
Ion Ratio Lower Upper
75 100
155 76.7 39.1 117.2
157 102.4 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.093 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077962.D

Acq: 30 May 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

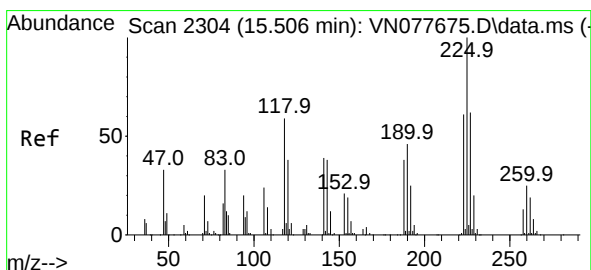
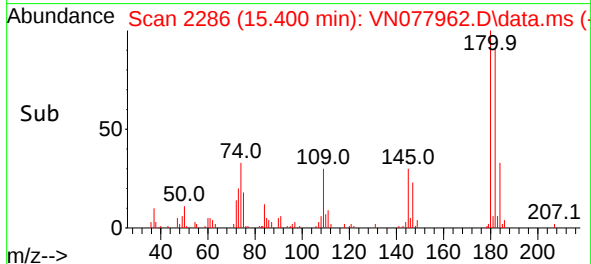
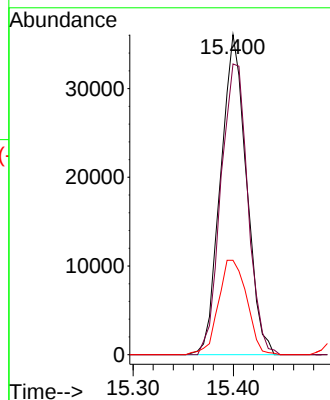
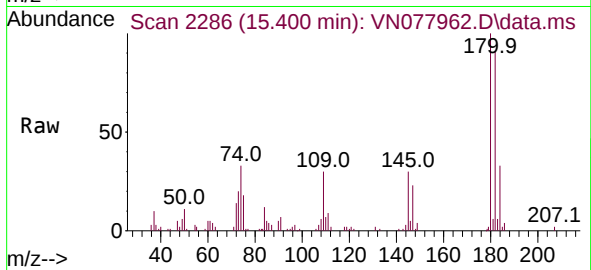
VN0530WBSD01

Tgt Ion:	180	Resp:	6455
Ion Ratio	Lower	Upper	
180	100		
182	94.5	46.1	138.2
145	32.4	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#94

Hexachlorobutadiene

Concen: 18.456 ug/l

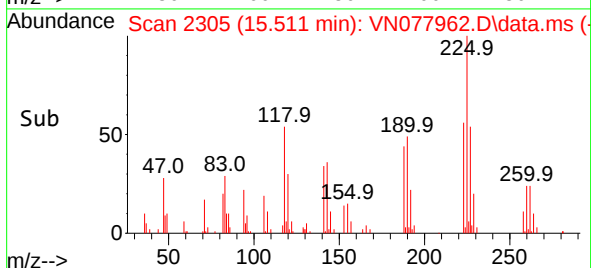
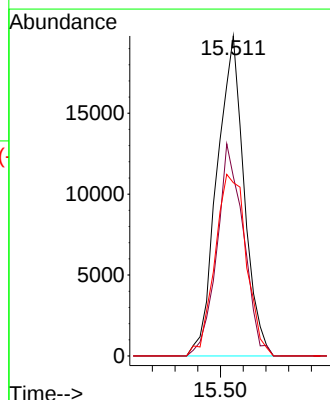
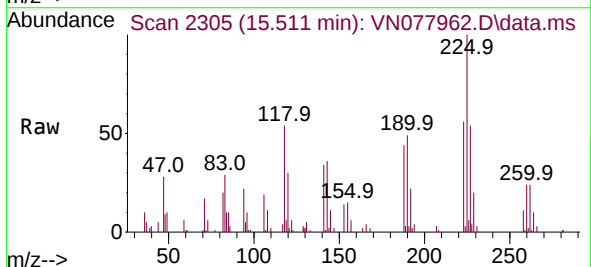
RT: 15.511 min Scan# 2305

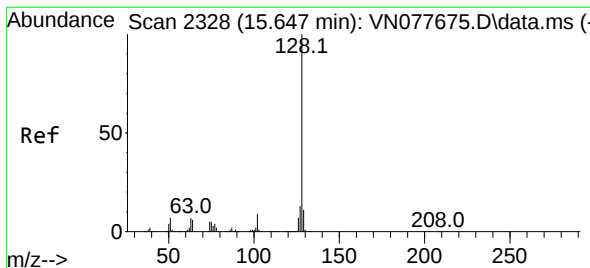
Delta R.T. 0.005 min

Lab File: VN077962.D

Acq: 30 May 2023 12:15

Tgt Ion:	225	Resp:	32776
Ion Ratio	Lower	Upper	
225	100		
223	64.9	31.3	93.8
227	65.6	31.9	95.9





#95

Naphthalene

Concen: 12.690 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN077962.D

Acq: 30 May 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

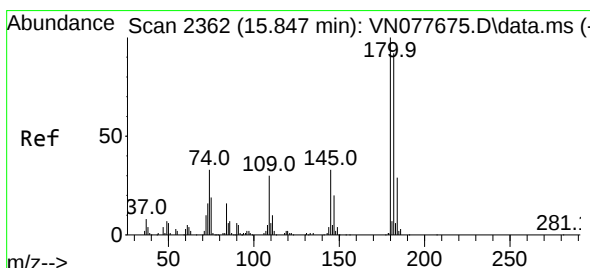
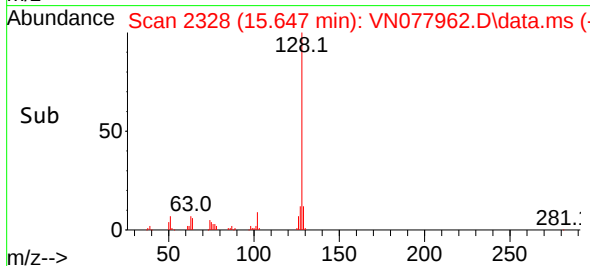
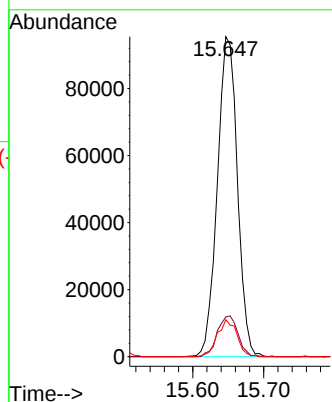
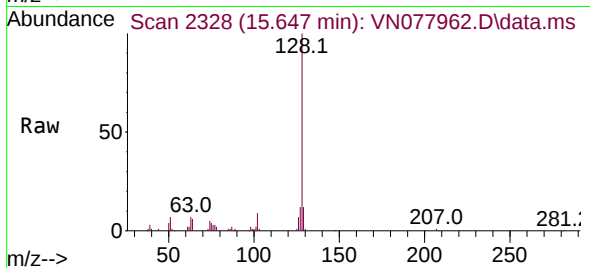
VN0530WBSD01

Tgt Ion:	128	Resp:	18682
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.0	15.0
129	11.3	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#96

1,2,3-Trichlorobenzene

Concen: 15.970 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN077962.D

Acq: 30 May 2023 12:15

Tgt Ion:	180	Resp:	66881
Ion Ratio	Lower	Upper	
180	100		
182	92.9	46.2	138.6
145	35.0	17.5	52.6

