

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN076014.D
 Acq On : 28 Dec 2022 20:56
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022
 Supervised By :Mahesh Dadoda 12/31/2022

Quant Time: Dec 29 04:58:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	341345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	540944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	480727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	236661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	189952	51.152	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.300%			
35) Dibromofluoromethane	8.177	113	175639	52.430	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.860%			
50) Toluene-d8	10.571	98	656905	52.447	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.900%			
62) 4-Bromofluorobenzene	12.853	95	223376	53.845	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	97144	40.082	ug/l	98
3) Chloromethane	2.377	50	112812	37.432	ug/l	96
4) Vinyl Chloride	2.530	62	145790	40.554	ug/l	99
5) Bromomethane	2.942	94	122993	40.256	ug/l	92
6) Chloroethane	3.118	64	111759	41.980	ug/l	96
7) Trichlorofluoromethane	3.506	101	236966	43.440	ug/l	100
8) Diethyl Ether	3.977	74	94703	47.532	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	141557	45.445	ug/l	98
10) Methyl Iodide	4.600	142	226880	44.881	ug/l	99
11) Tert butyl alcohol	5.530	59	131874	250.970	ug/l	100
12) 1,1-Dichloroethene	4.348	96	133473	44.119	ug/l	94
13) Acrolein	4.189	56	186635	289.718	ug/l	98
14) Allyl chloride	5.036	41	176396m	49.878	ug/l	
15) Acrylonitrile	5.730	53	342457	238.822	ug/l	100
16) Acetone	4.442	43	262898	205.370	ug/l	98
17) Carbon Disulfide	4.724	76	271389	37.050	ug/l	100
18) Methyl Acetate	5.036	43	180348	47.662	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	505743	50.764	ug/l	94
20) Methylene Chloride	5.283	84	161388	47.091	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	146206	44.128	ug/l	94
22) Diisopropyl ether	6.683	45	425396	49.515	ug/l	100
23) Vinyl Acetate	6.612	43	1432655	247.756	ug/l	99
24) 1,1-Dichloroethane	6.583	63	267644	46.712	ug/l	99
25) 2-Butanone	7.488	43	429107	239.403	ug/l	97
26) 2,2-Dichloropropane	7.500	77	225306	46.434	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	187459	47.308	ug/l	99
28) Bromochloromethane	7.824	49	112717	44.884	ug/l	100
29) Tetrahydrofuran	7.841	42	277310	246.882	ug/l	99
30) Chloroform	7.977	83	304936	47.269	ug/l	94
31) Cyclohexane	8.265	56	217194	40.838	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	273884	47.889	ug/l	96
36) 1,1-Dichloropropene	8.377	75	206940	46.502	ug/l	99
37) Ethyl Acetate	7.571	43	172651	48.300	ug/l	97
38) Carbon Tetrachloride	8.371	117	237869	47.758	ug/l	99
39) Methylcyclohexane	9.606	83	258655	48.178	ug/l	97
40) Benzene	8.612	78	646615	47.094	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	94186	50.692	ug/l	98
42) 1,2-Dichloroethane	8.677	62	215536	47.218	ug/l	100
43) Isopropyl Acetate	8.694	43	347302	58.900	ug/l	94
44) Trichloroethene	9.359	130	174714	45.168	ug/l	95
45) 1,2-Dichloropropane	9.624	63	158925	47.566	ug/l	97
46) Dibromomethane	9.712	93	118964	48.005	ug/l	100
47) Bromodichloromethane	9.894	83	236862	48.740	ug/l	99
48) Methyl methacrylate	9.682	41	141344	53.222	ug/l	98
49) 1,4-Dioxane	9.694	88	64825	992.890	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	922400	258.670	ug/l	99
52) Toluene	10.635	92	432130	48.325	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	245970	51.705	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	265913	50.911	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	174660	49.763	ug/l	98
56) Ethyl methacrylate	10.877	69	252423	54.145	ug/l	98
57) 1,3-Dichloropropane	11.165	76	281449	48.887	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	399136	268.906	ug/l	100
59) 2-Hexanone	11.200	43	675026	259.573	ug/l	100
60) Dibromochloromethane	11.359	129	195877	50.183	ug/l	98
61) 1,2-Dibromoethane	11.471	107	178202	50.172	ug/l	100
64) Tetrachloroethene	11.106	164	149644	44.237	ug/l	98
65) Chlorobenzene	11.894	112	472764	47.914	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	184869	50.585	ug/l	99
67) Ethyl Benzene	11.965	91	836223	50.215	ug/l	100
68) m/p-Xylenes	12.076	106	676369	102.618	ug/l	99
69) o-Xylene	12.400	106	338664	51.922	ug/l	97
70) Styrene	12.412	104	552670	53.290	ug/l	100
71) Bromoform	12.582	173	144895	54.486	ug/l #	100
73) Isopropylbenzene	12.700	105	875473	51.191	ug/l	100
74) N-amyl acetate	12.494	43	277012	55.213	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	255425	48.313	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	213097m	44.670	ug/l	
77) Bromobenzene	12.982	156	208672	48.213	ug/l	99
78) n-propylbenzene	13.041	91	979535	51.930	ug/l	100
79) 2-Chlorotoluene	13.129	91	584733	49.660	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	738057	51.563	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	72750	54.892	ug/l	98
82) 4-Chlorotoluene	13.129	91	584733	49.660	ug/l	99
83) tert-Butylbenzene	13.441	119	666328	52.799	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	755223	53.186	ug/l	98
85) sec-Butylbenzene	13.618	105	931277	53.464	ug/l	99
86) p-Isopropyltoluene	13.735	119	787405	54.327	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	397864	49.764	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	392624	48.072	ug/l	99
89) n-Butylbenzene	14.059	91	634016	53.996	ug/l	100
90) Hexachloroethane	14.335	117	141073	54.413	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	392051	49.784	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	43488	46.356	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	200557	51.442	ug/l	97
94) Hexachlorobutadiene	15.506	225	103078	48.459	ug/l	97
95) Naphthalene	15.647	128	613336	47.723	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	191178	52.465	ug/l	99

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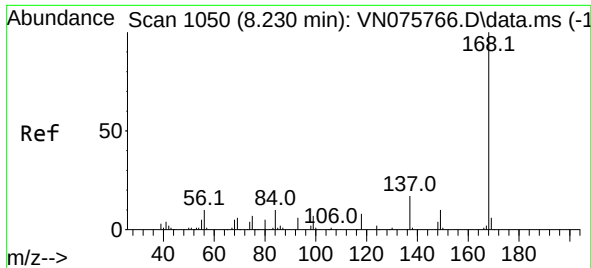
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076014.D
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Instrument :

MSVOA_N

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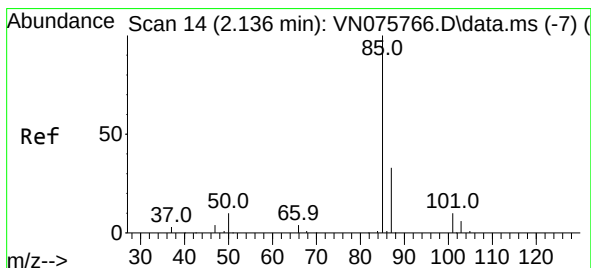
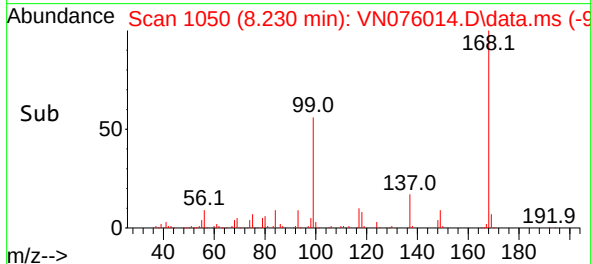
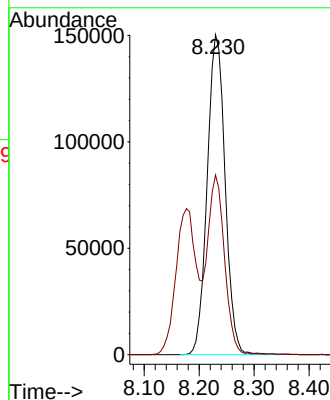
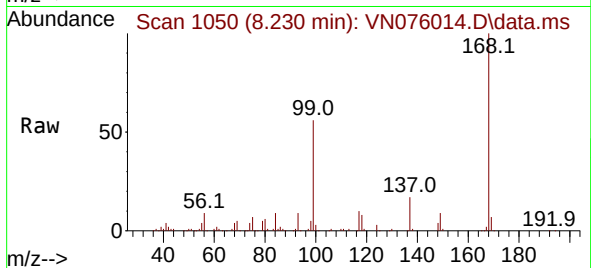
VSTDCCC050EC

Tgt Ion:168 Resp: 34134
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4

Manual Integrations

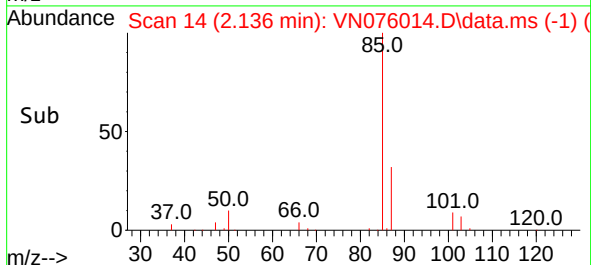
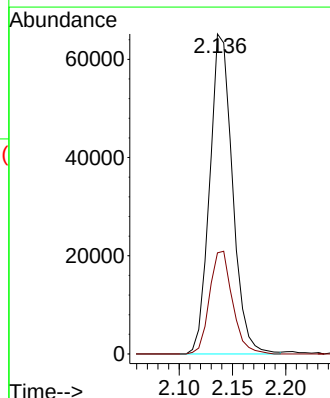
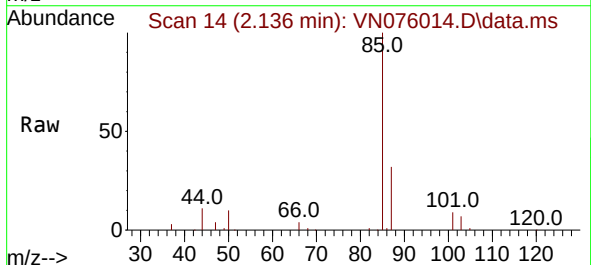
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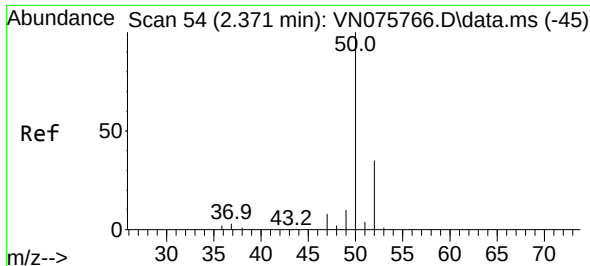
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#2
Dichlorodifluoromethane
Concen: 40.082 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Tgt Ion: 85 Resp: 97144
Ion Ratio Lower Upper
85 100
87 31.6 16.3 48.9





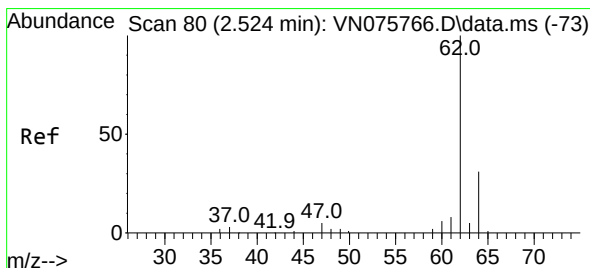
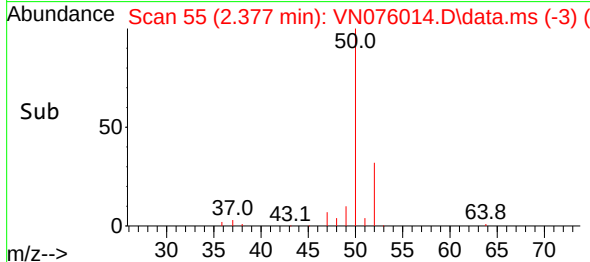
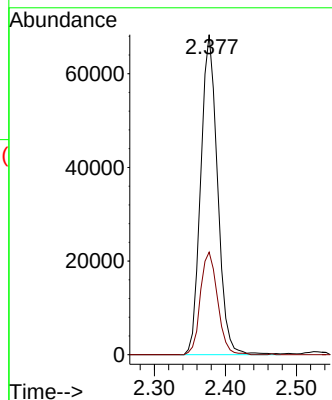
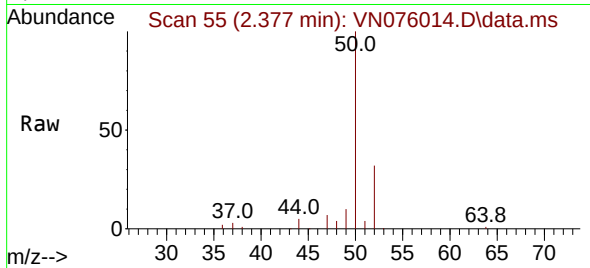
#3
Chloromethane
Concen: 37.432 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Instrument :
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Tgt Ion: 50 Resp: 11281
Ion Ratio Lower Upper
50 100
52 32.0 27.7 41.5

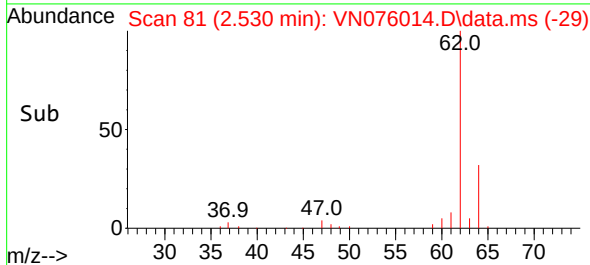
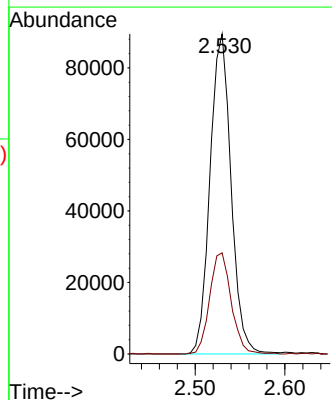
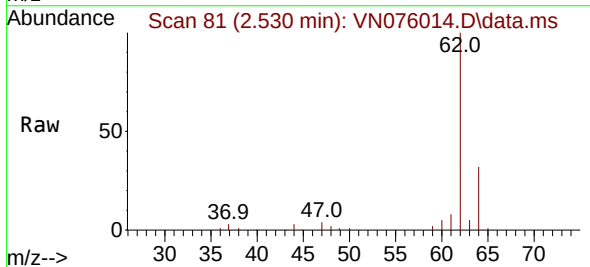
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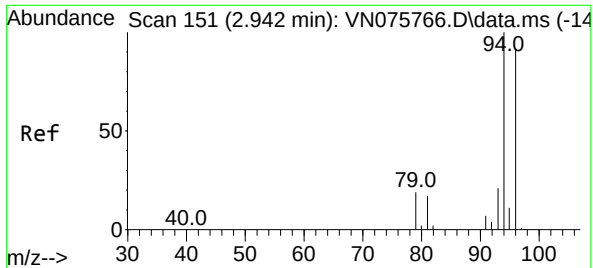
Reviewed By :Semsettin Yesilyurt 12/29/2022
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#4
Vinyl Chloride
Concen: 40.554 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

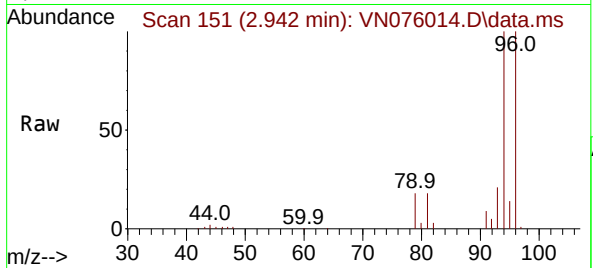
Tgt Ion: 62 Resp: 145790
Ion Ratio Lower Upper
62 100
64 31.6 24.9 37.3





#5
Bromomethane
Concen: 40.256 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076014.D
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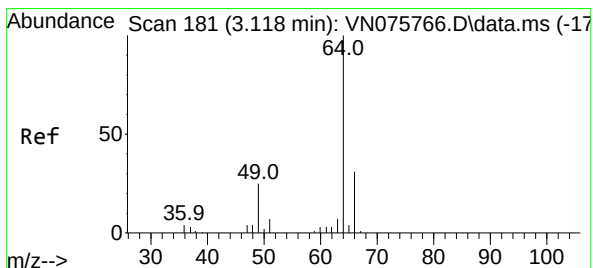
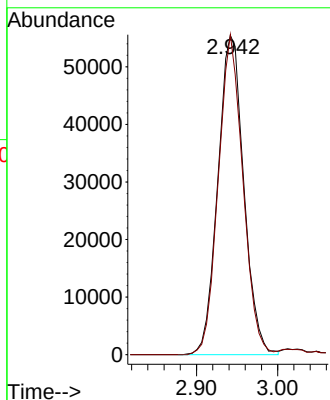
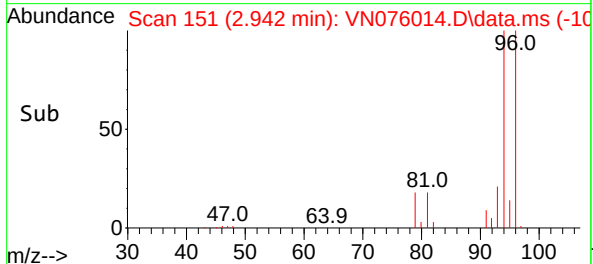
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Tgt Ion: 94 Resp: 122993
Ion Ratio Lower Upper
94 100
96 100.2 73.8 110.6

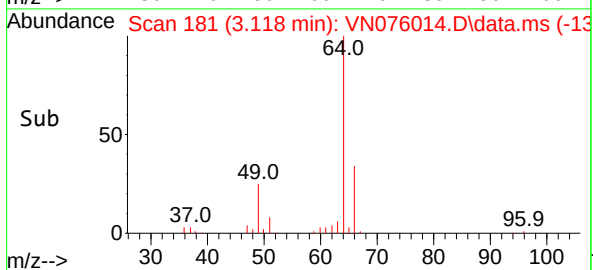
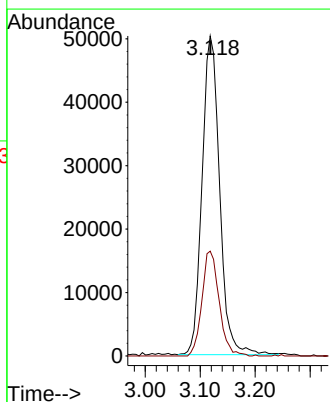
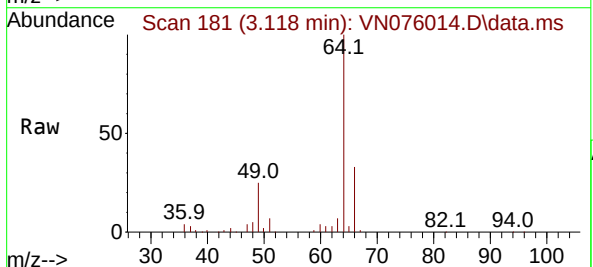
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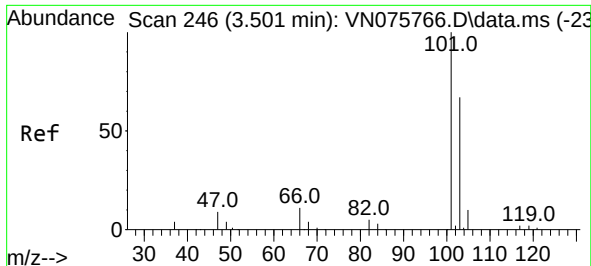
Reviewed By :Semsettin Yesilyurt 12/29/2022
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#6
Chloroethane
Concen: 41.980 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.000 min
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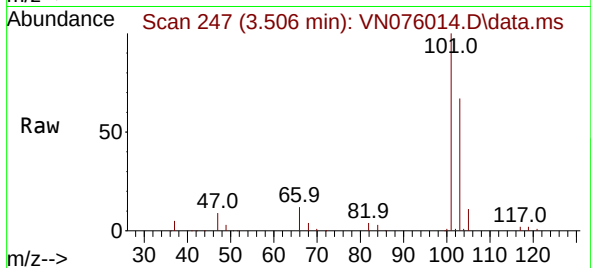
Tgt Ion: 64 Resp: 111759
Ion Ratio Lower Upper
64 100
66 32.9 24.6 36.8





#7
Trichlorofluoromethane
Concen: 43.440 ug/l
RT: 3.506 min Scan# 246
Delta R.T. 0.006 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

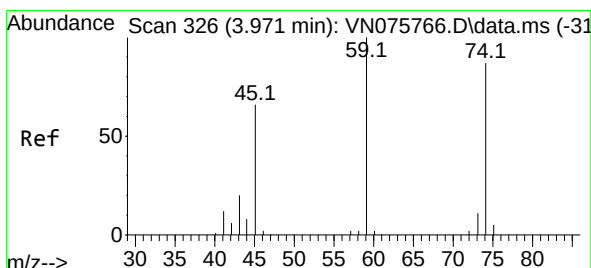
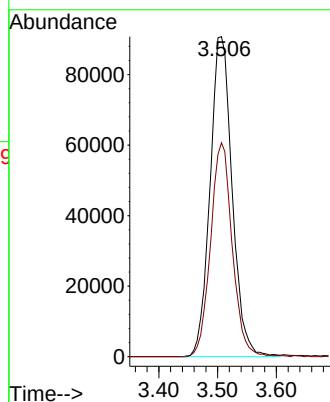
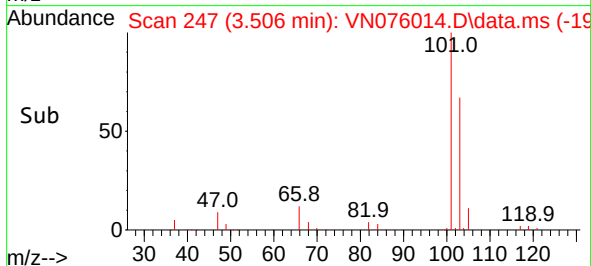
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 236960
Ion Ratio Lower Upper
101 100
103 66.8 53.4 80.2

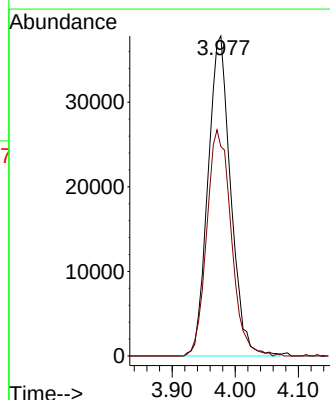
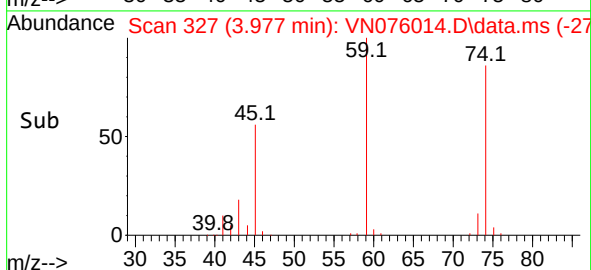
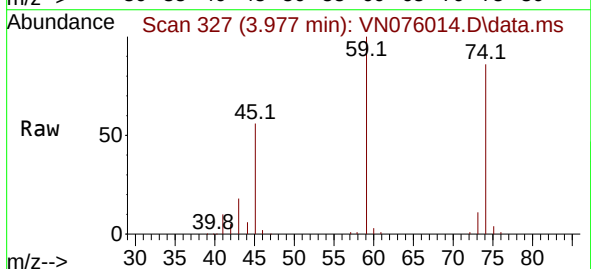
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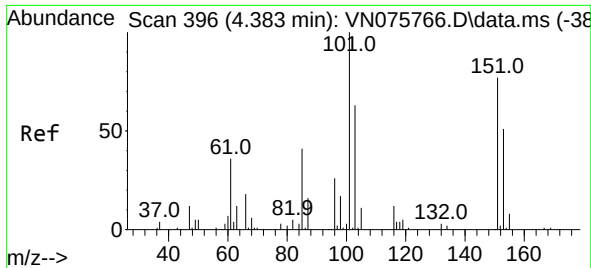
Reviewed By :Semsettin Yesilyurt 12/29/2022
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#8
Diethyl Ether
Concen: 47.532 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 94703
Ion Ratio Lower Upper
74 100
45 75.9 37.8 113.4





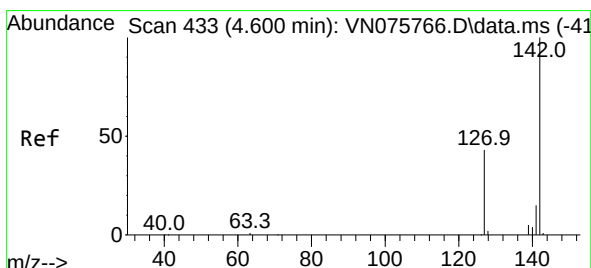
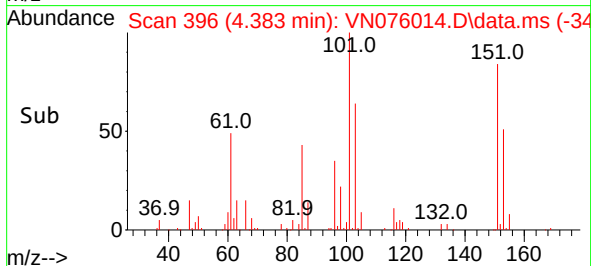
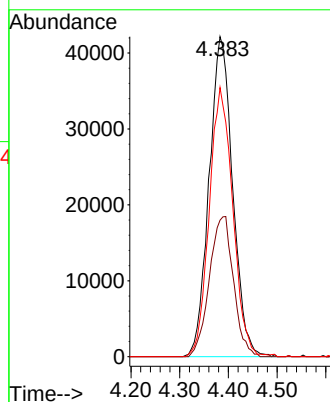
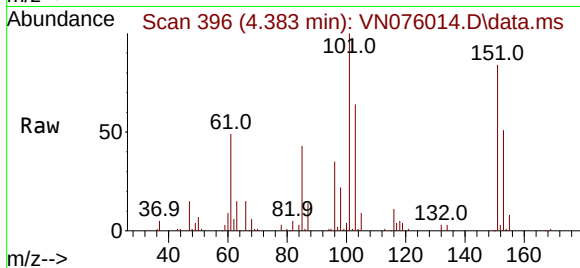
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.445 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 14155
Ion Ratio Lower Upper
101 100
85 44.7 35.3 52.9
151 84.0 65.6 98.4

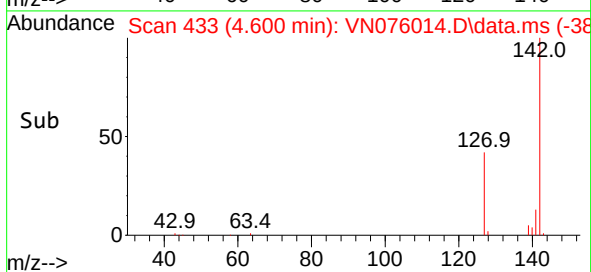
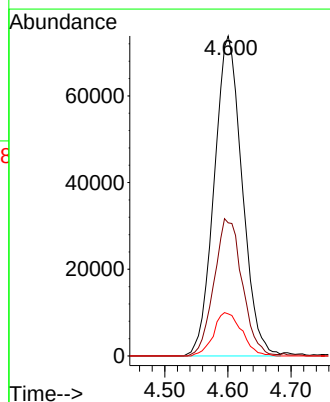
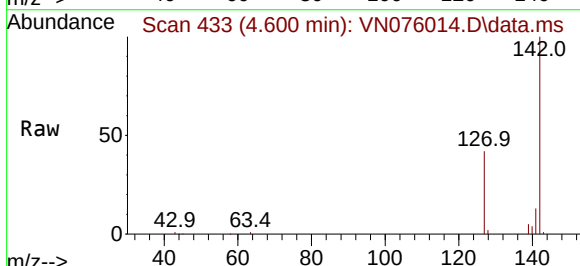
Manual Integrations
APPROVED

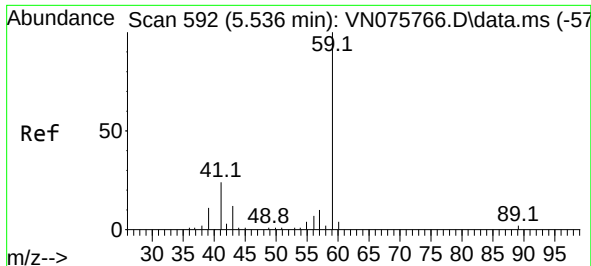
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#10
Methyl Iodide
Concen: 44.881 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Tgt Ion:142 Resp: 226880
Ion Ratio Lower Upper
142 100
127 43.2 34.7 52.1
141 13.7 11.4 17.2





#11
Tert butyl alcohol
Concen: 250.970 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

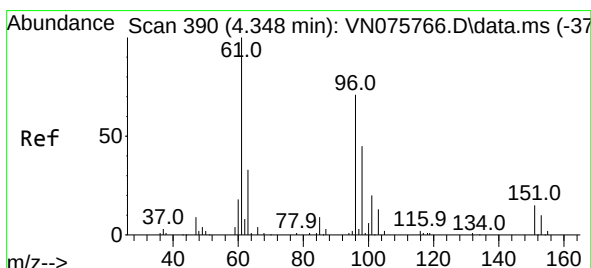
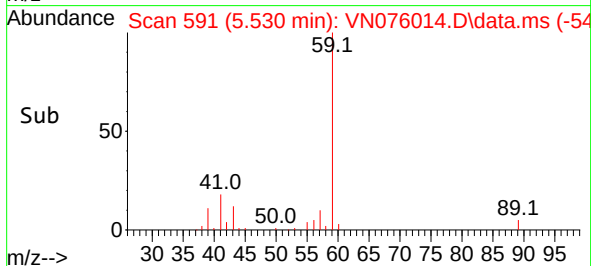
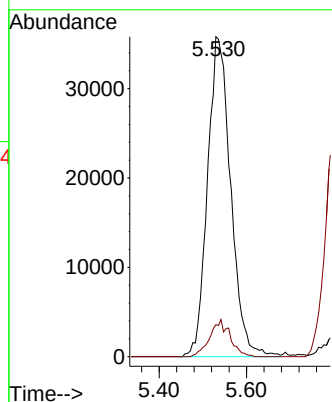
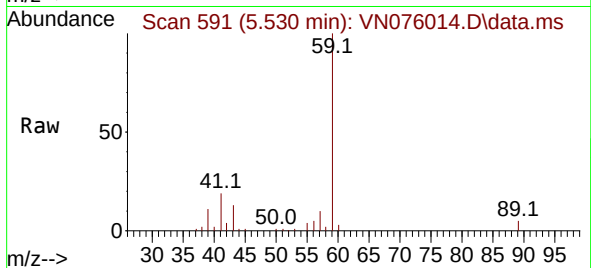
VSTDCCC050EC

Tgt Ion: 59 Resp: 131874
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

Manual Integrations

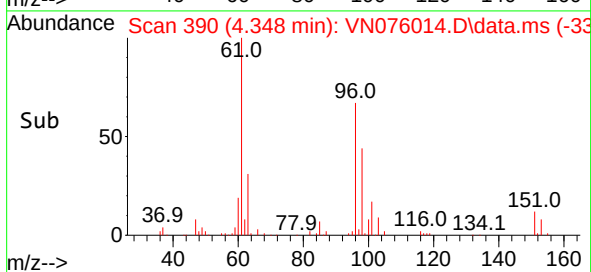
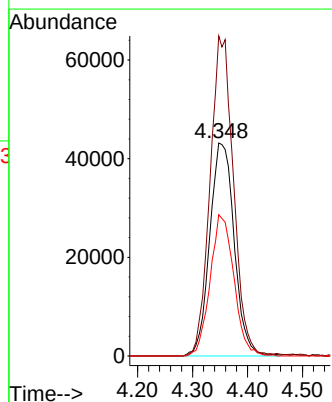
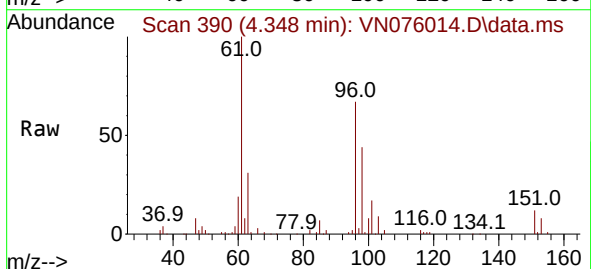
APPROVED

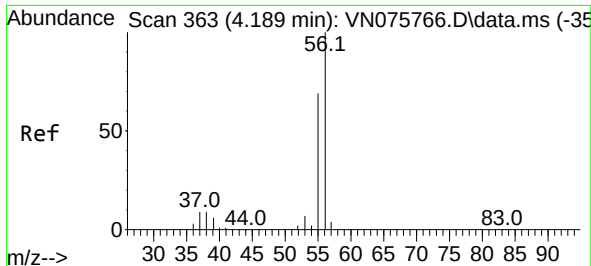
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#12
1,1-Dichloroethene
Concen: 44.119 ug/l
RT: 4.348 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

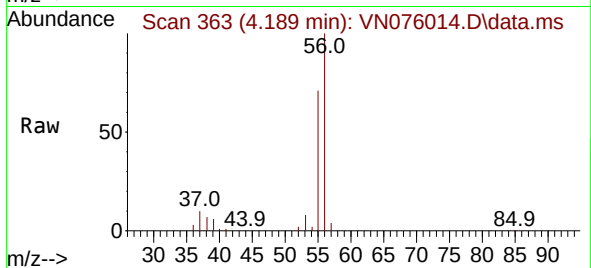
Tgt Ion: 96 Resp: 133473
Ion Ratio Lower Upper
96 100
61 150.3 113.3 169.9
98 66.4 50.9 76.3





#13
Acrolein
Concen: 289.718 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

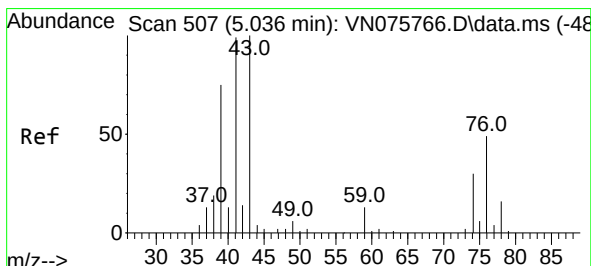
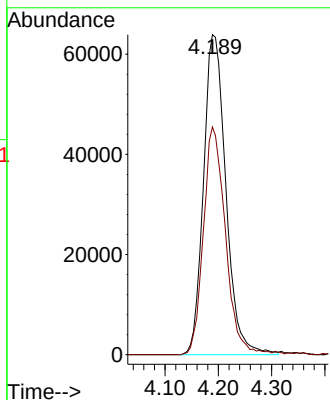
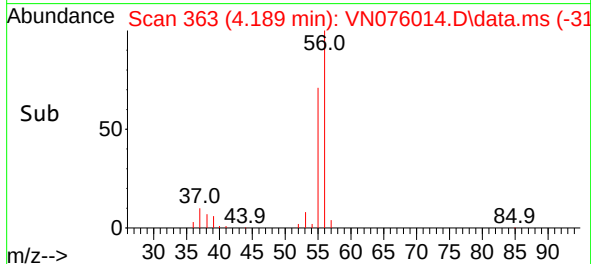
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 18663
Ion Ratio Lower Upper
56 100
55 69.9 54.8 82.2

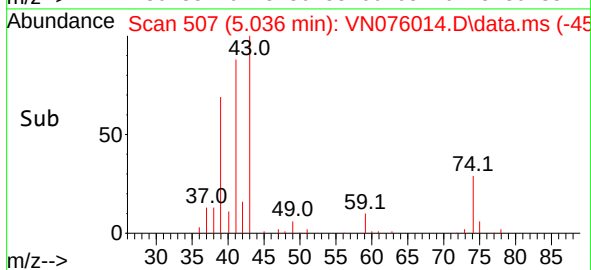
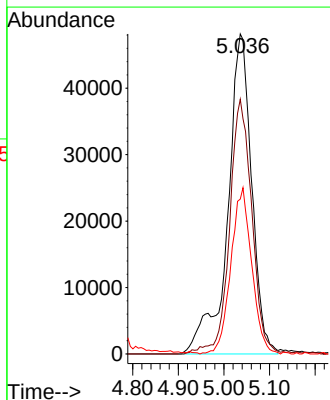
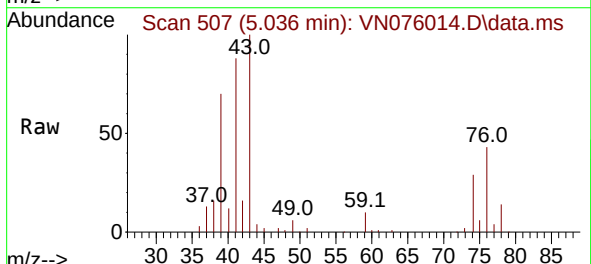
Manual Integrations
APPROVED

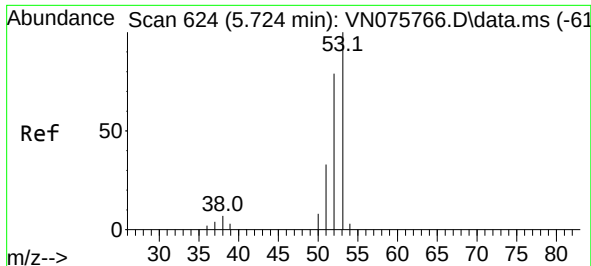
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#14
Allyl chloride
Concen: 49.878 ug/l m
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

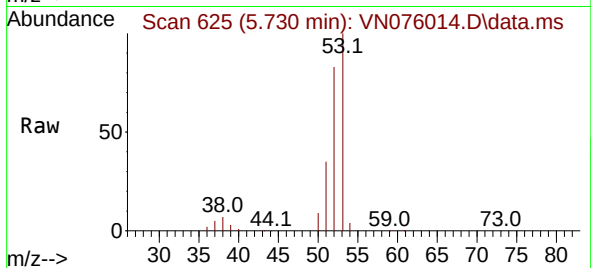
Tgt Ion: 41 Resp: 176396
Ion Ratio Lower Upper
41 100
39 73.7 58.3 87.5
76 45.0 35.8 53.6





#15
Acrylonitrile
Concen: 238.822 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

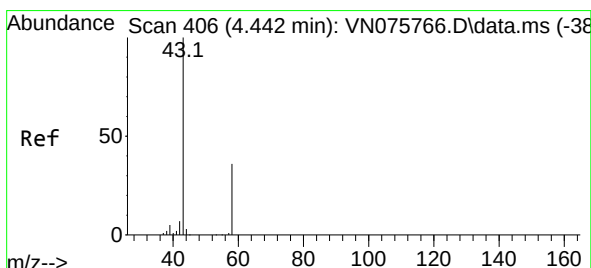
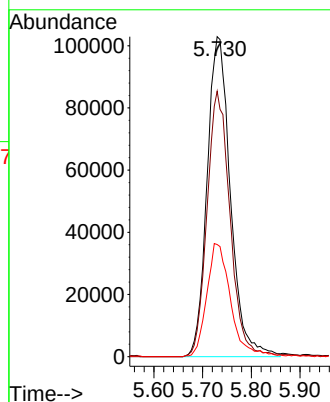
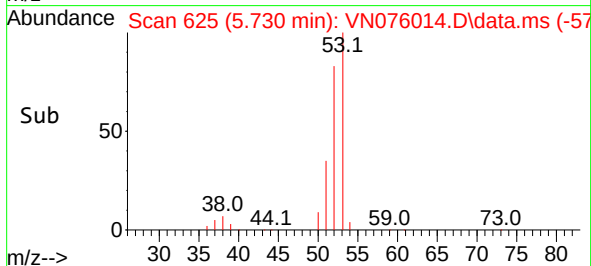
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



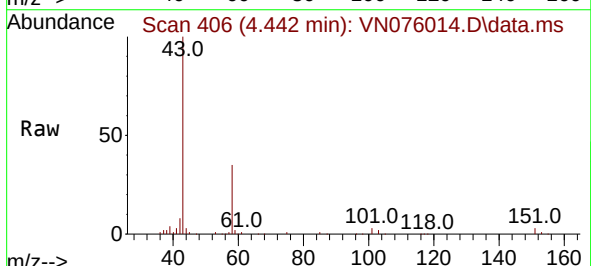
Tgt Ion: 53 Resp: 34245
Ion Ratio Lower Upper
53 100
52 82.1 65.4 98.0
51 36.1 28.9 43.3

Manual Integrations
APPROVED

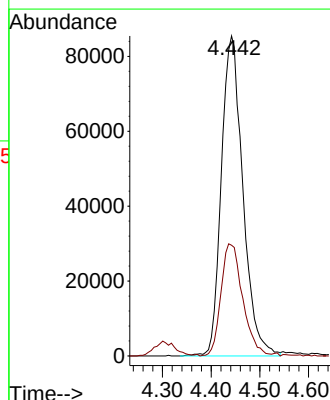
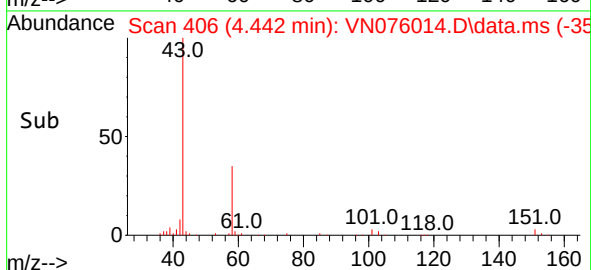
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022

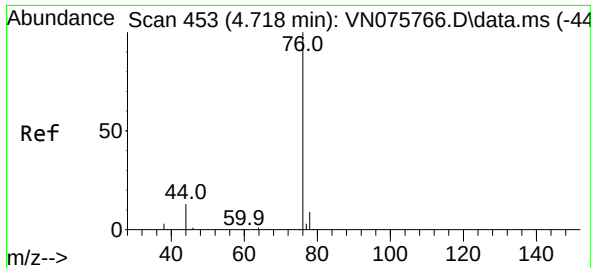


#16
Acetone
Concen: 205.370 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56



Tgt Ion: 43 Resp: 262898
Ion Ratio Lower Upper
43 100
58 34.6 28.6 43.0





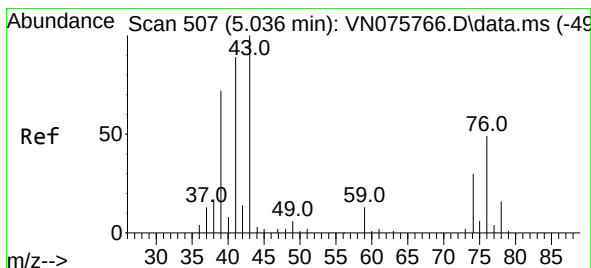
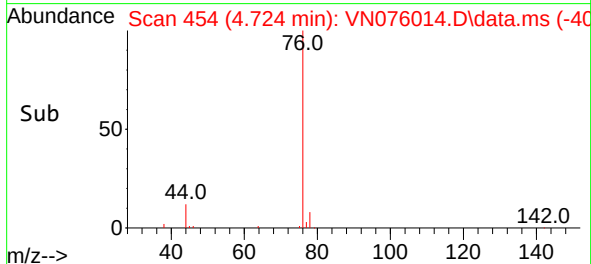
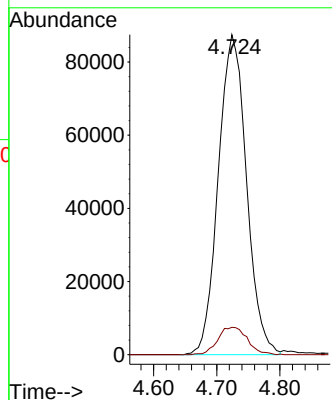
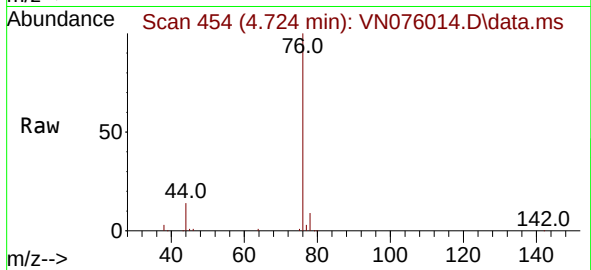
#17
Carbon Disulfide
Concen: 37.050 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 271389
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2

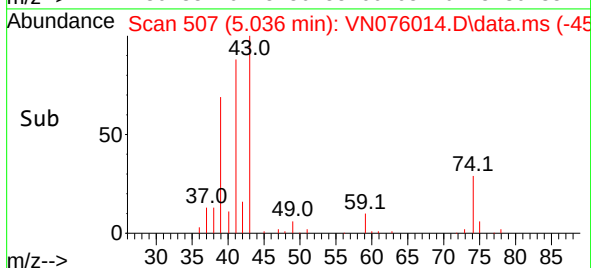
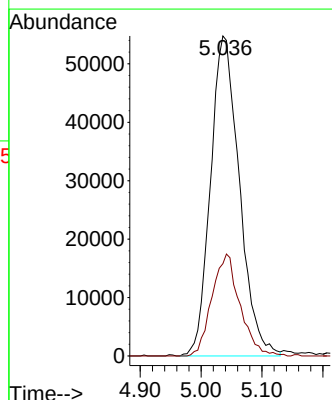
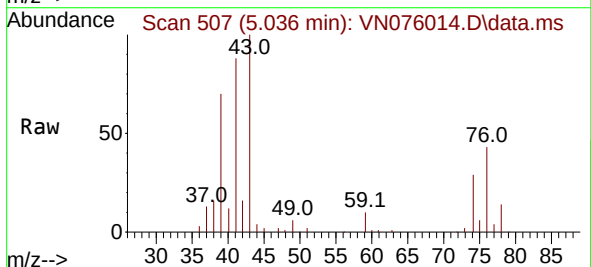
Manual Integrations
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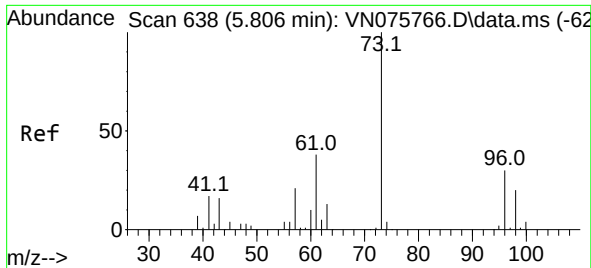
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#18
Methyl Acetate
Concen: 47.662 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Tgt Ion: 43 Resp: 180348
Ion Ratio Lower Upper
43 100
74 30.9 23.6 35.4





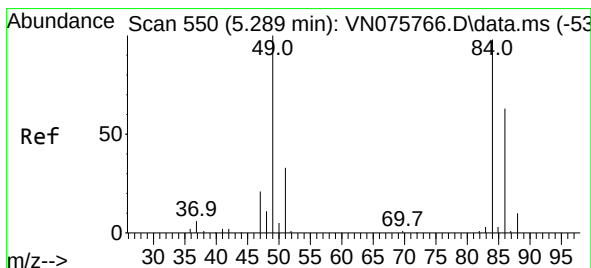
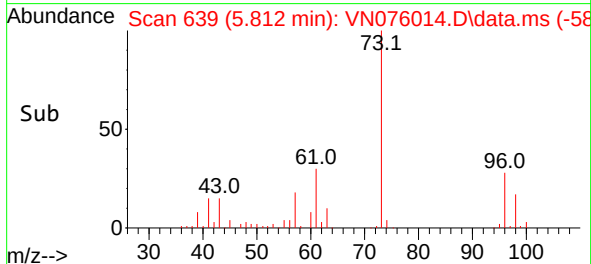
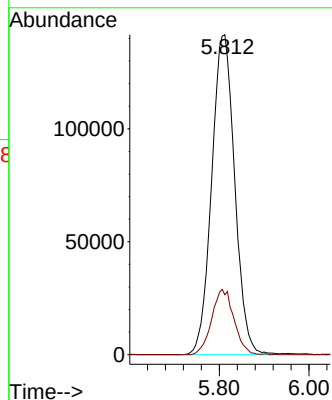
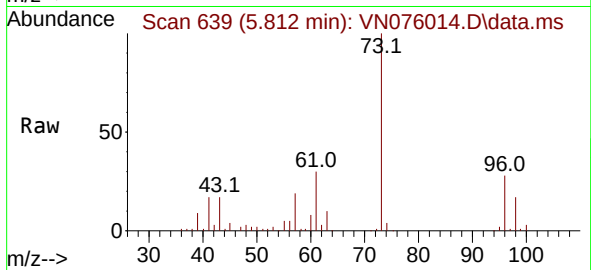
#19
Methyl tert-butyl Ether
Concen: 50.764 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 50574
Ion Ratio Lower Upper
73 100
57 18.7 17.1 25.7

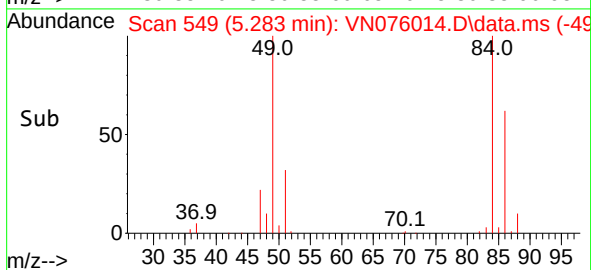
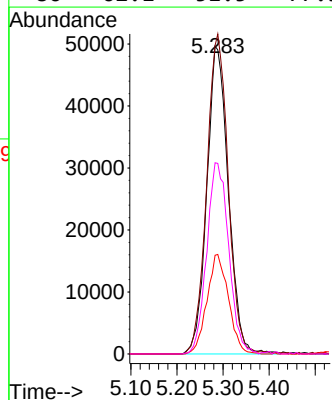
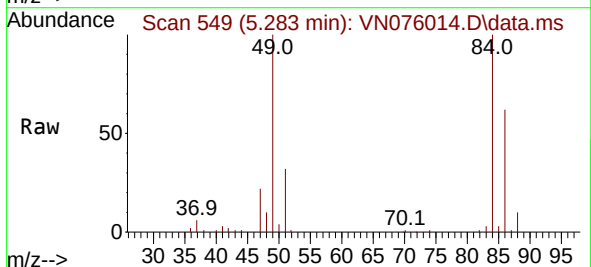
Manual Integrations
APPROVED

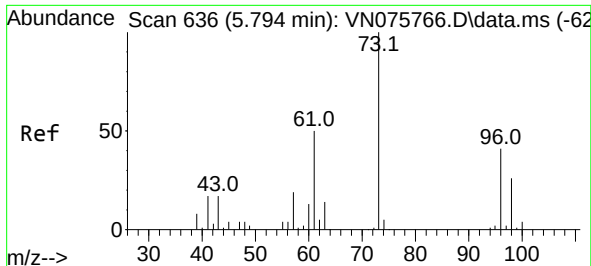
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#20
Methylene Chloride
Concen: 47.091 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

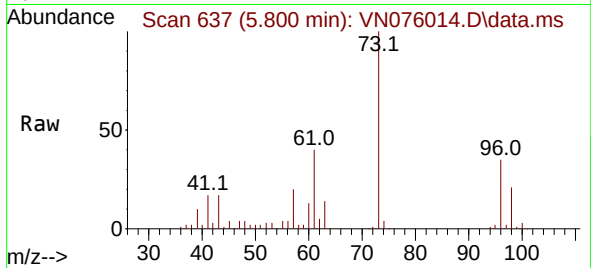
Tgt Ion: 84 Resp: 161388
Ion Ratio Lower Upper
84 100
49 100.2 81.8 122.6
51 32.1 26.7 40.1
86 62.1 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 44.128 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

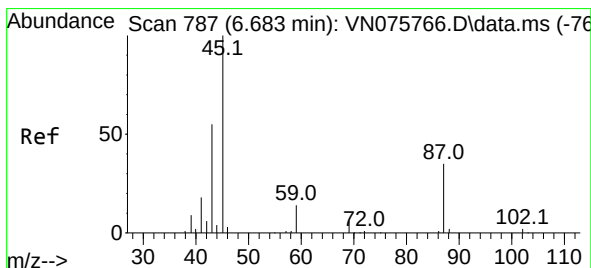
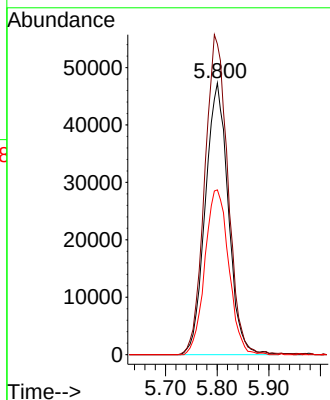
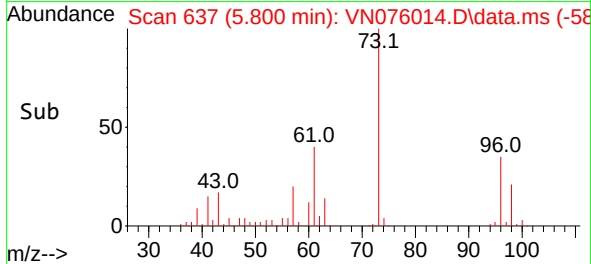
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 146200
Ion Ratio Lower Upper
96 100
61 114.3 98.1 147.1
98 60.7 51.4 77.2

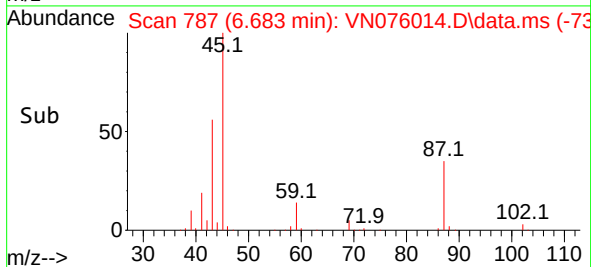
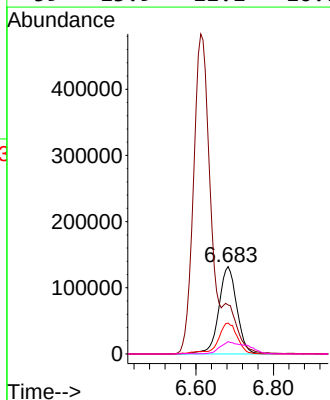
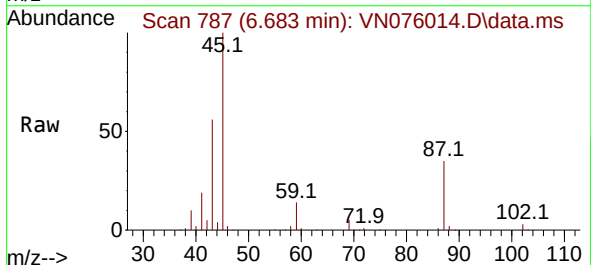
Manual Integrations
APPROVED

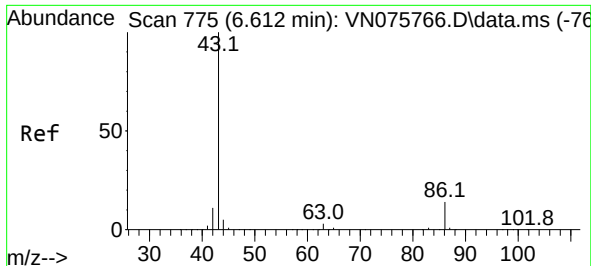
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#22
Diisopropyl ether
Concen: 49.515 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

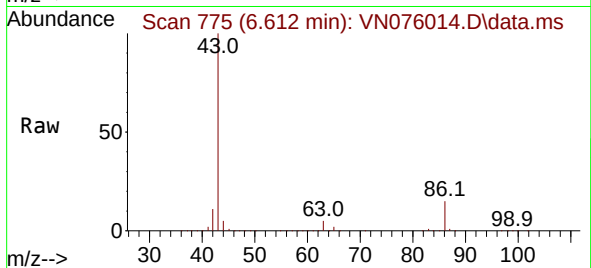
Tgt Ion: 45 Resp: 425396
Ion Ratio Lower Upper
45 100
43 55.3 44.2 66.4
87 35.4 28.3 42.5
59 13.9 11.1 16.7





#23
 Vinyl Acetate
 Concen: 247.756 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN076014.D
 Acq: 28 Dec 2022 20:56

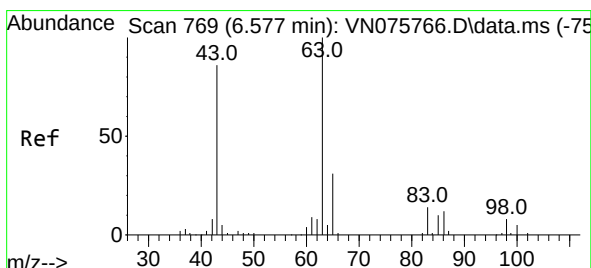
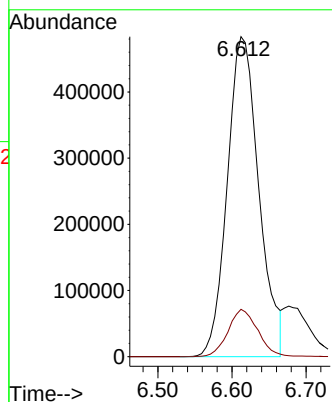
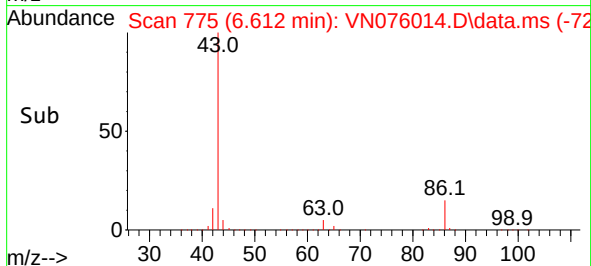
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



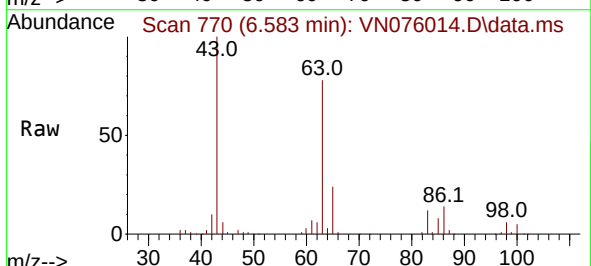
Tgt Ion: 43 Resp: 143265
 Ion Ratio Lower Upper
 43 100
 86 14.8 11.4 17.2

Manual Integrations
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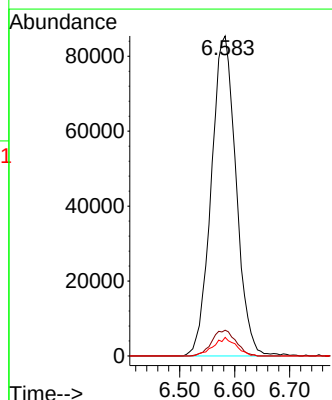
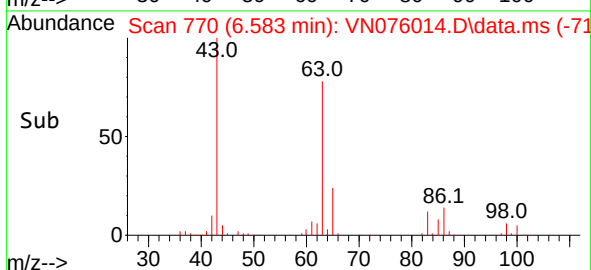
Reviewed By :Semsettin Yesilyurt 12/29/2022
 Supervised By :Mahesh Dadoda 12/31/2022

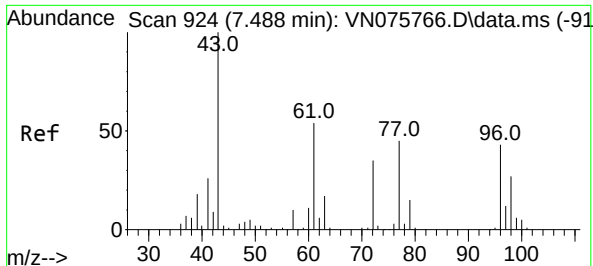


#24
 1,1-Dichloroethane
 Concen: 46.712 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN076014.D
 Acq: 28 Dec 2022 20:56



Tgt Ion: 63 Resp: 267644
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.5
 100 5.8 2.5 7.6





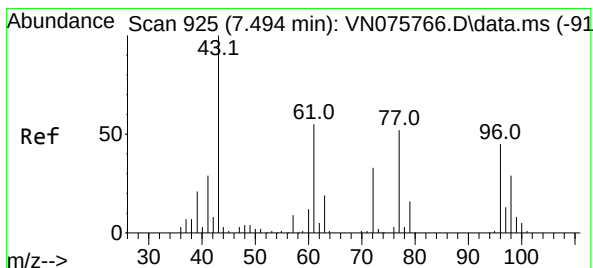
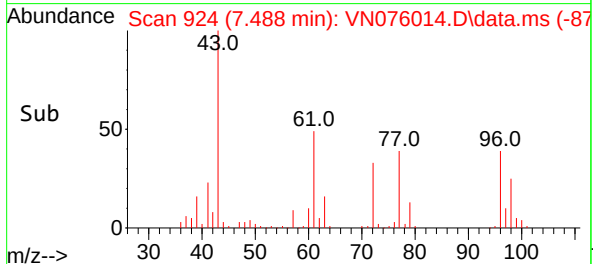
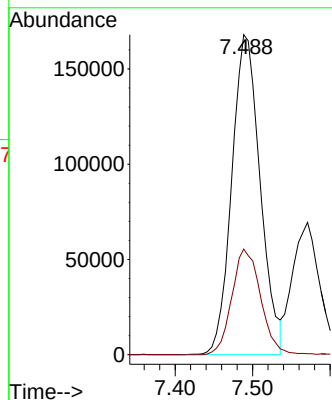
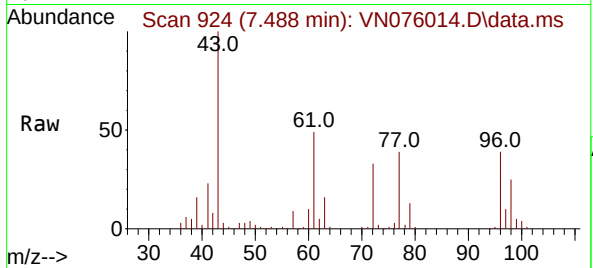
#25
2-Butanone
Concen: 239.403 ug/l
RT: 7.488 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 42910
Ion Ratio Lower Upper
43 100
72 33.1 28.0 42.0

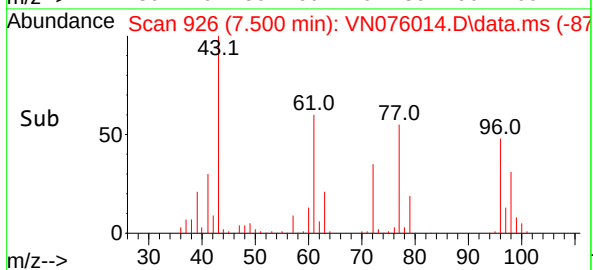
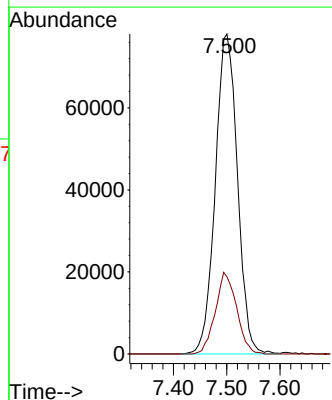
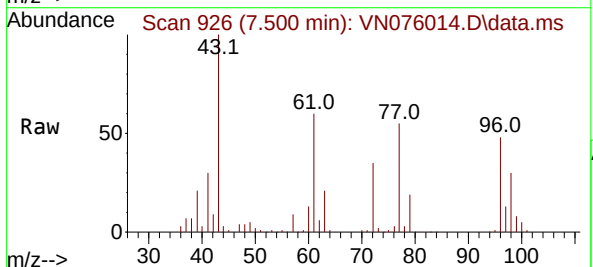
Manual Integrations
APPROVED

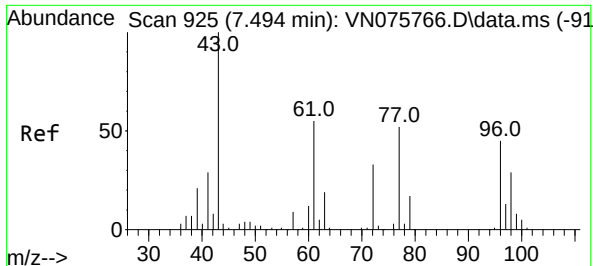
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#26
2,2-Dichloropropane
Concen: 46.434 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Tgt Ion: 77 Resp: 225306
Ion Ratio Lower Upper
77 100
97 24.4 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 47.308 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076014.D

Acq: 28 Dec 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 187459

Ion Ratio Lower Upper

96 100

61 126.1 0.0 247.8

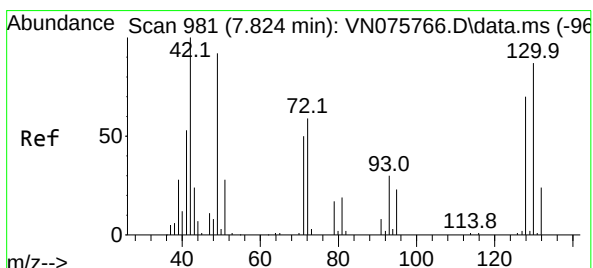
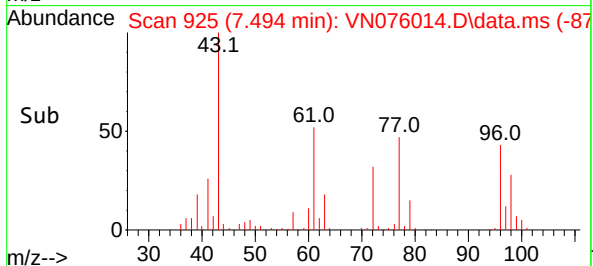
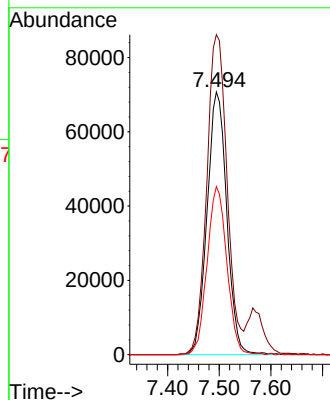
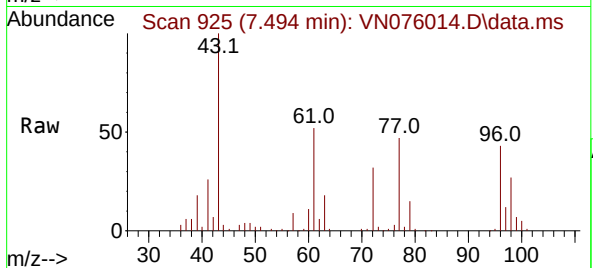
98 64.2 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022

Supervised By :Mahesh Dadoda 12/31/2022



#28

Bromochloromethane

Concen: 44.884 ug/l

RT: 7.824 min Scan# 981

Delta R.T. 0.000 min

Lab File: VN076014.D

Acq: 28 Dec 2022 20:56

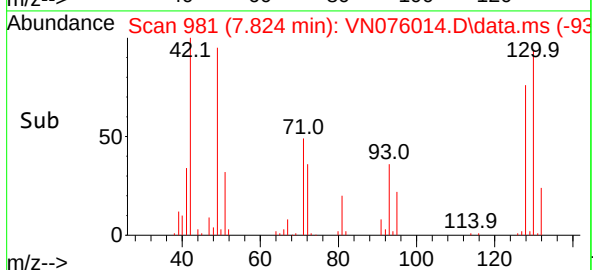
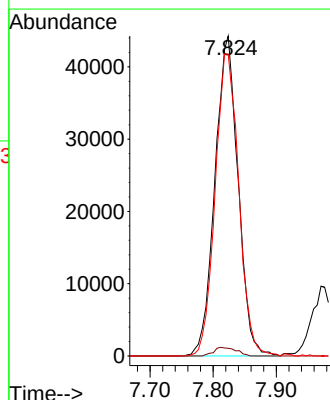
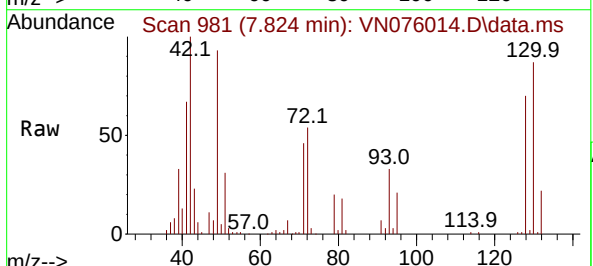
Tgt Ion: 49 Resp: 112717

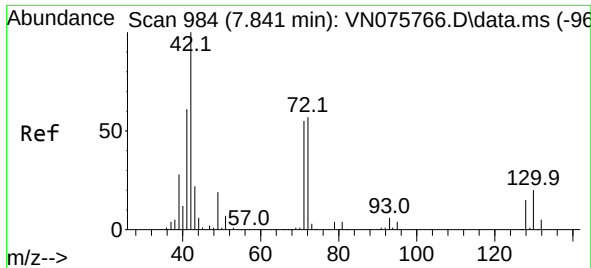
Ion Ratio Lower Upper

49 100

129 2.6 0.0 5.0

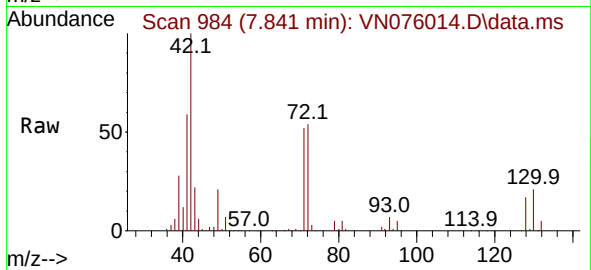
130 96.0 77.0 115.4





#29
Tetrahydrofuran
Concen: 246.882 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

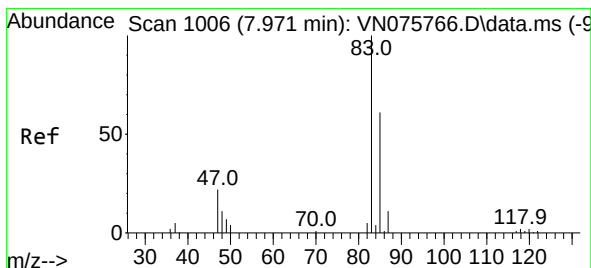
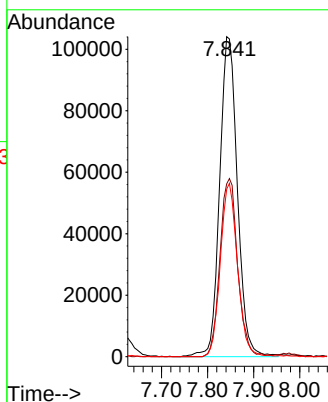
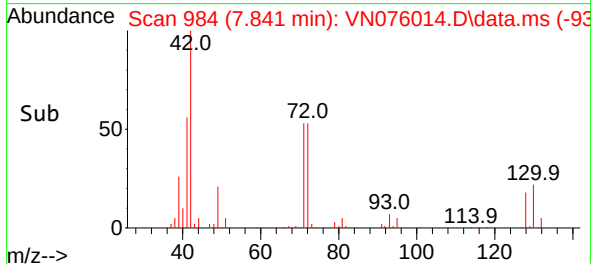
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



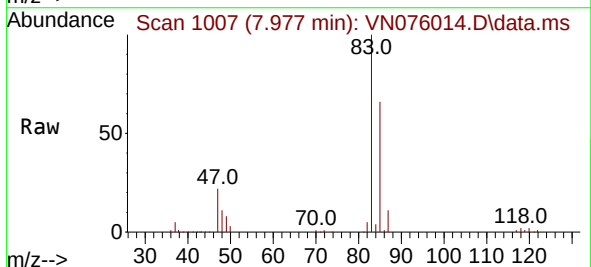
Tgt Ion: 42 Resp: 277310
Ion Ratio Lower Upper
42 100
72 55.5 44.5 66.7
71 52.4 41.0 61.6

Manual Integrations
APPROVED

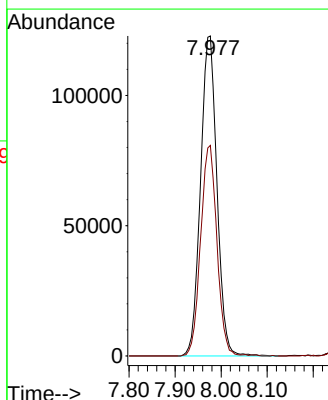
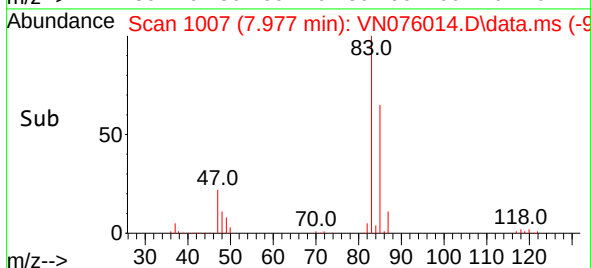
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022

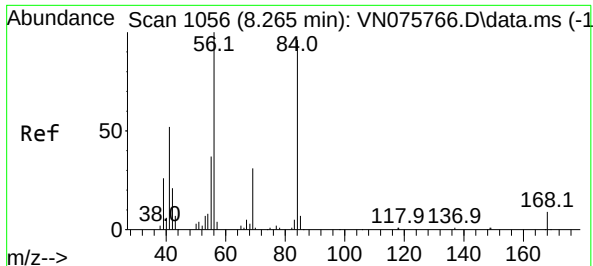


#30
Chloroform
Concen: 47.269 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56



Tgt Ion: 83 Resp: 304936
Ion Ratio Lower Upper
83 100
85 65.8 49.1 73.7





#31

Cyclohexane

Concen: 40.838 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN076014.D

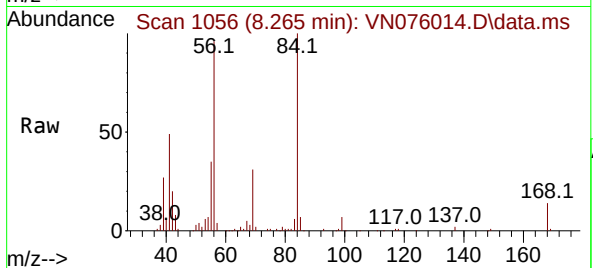
Acq: 28 Dec 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

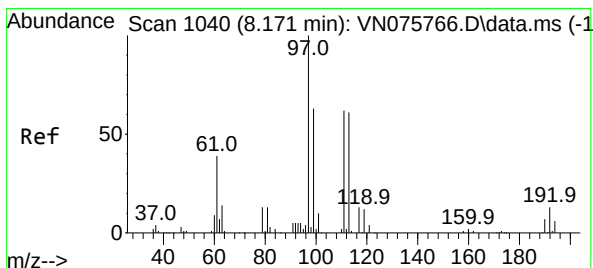
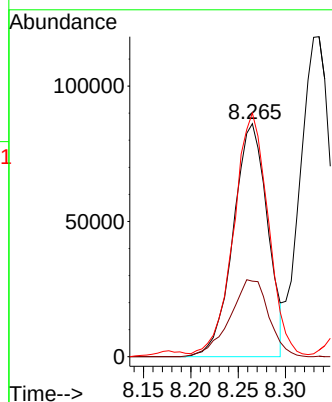


Tgt Ion:	56	69	84
Resp:	217194	32.4	102.6
Ratio	100	32.4	102.6
Lower		24.7	76.5
Upper		37.1	114.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#32

1,1,1-Trichloroethane

Concen: 47.889 ug/l

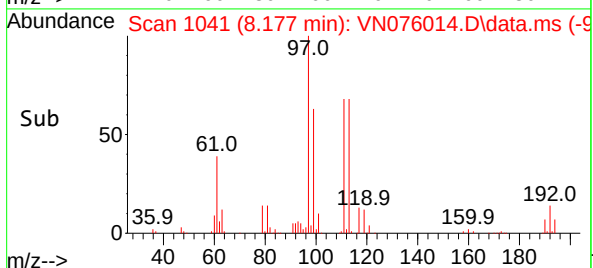
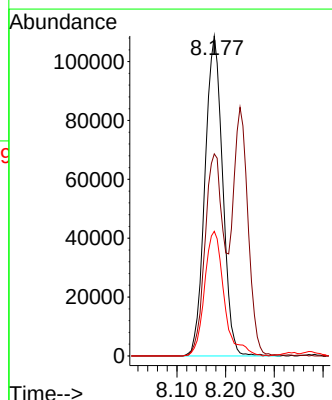
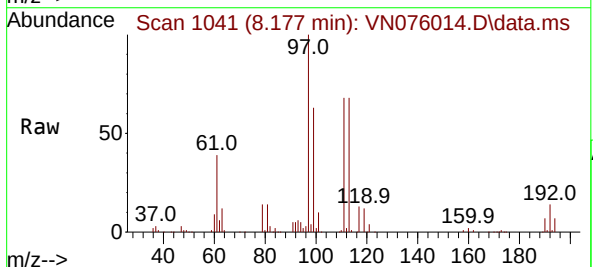
RT: 8.177 min Scan# 1041

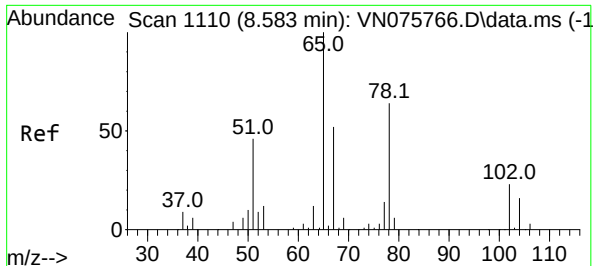
Delta R.T. 0.006 min

Lab File: VN076014.D

Acq: 28 Dec 2022 20:56

Tgt Ion:	97	99	61
Resp:	273884	67.3	43.1
Ratio	100	67.3	43.1
Lower		50.2	34.5
Upper		75.2	51.7





#33

1,2-Dichloroethane-d4

Concen: 51.152 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076014.D

Acq: 28 Dec 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 18995

Ion Ratio Lower Upper

65 100

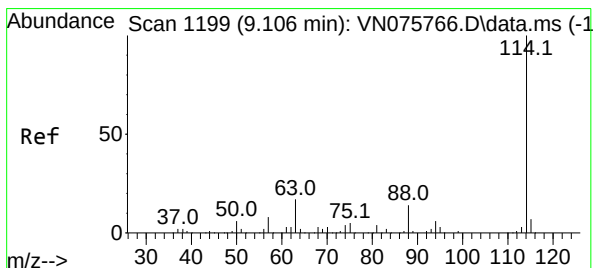
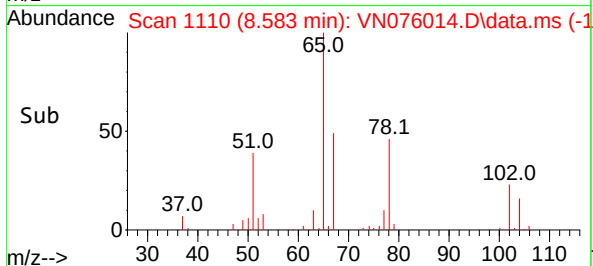
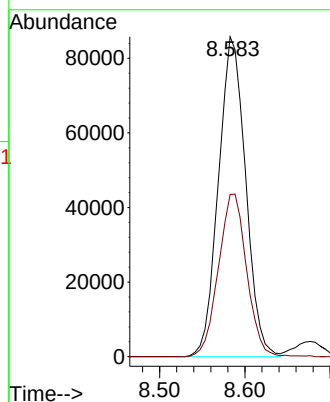
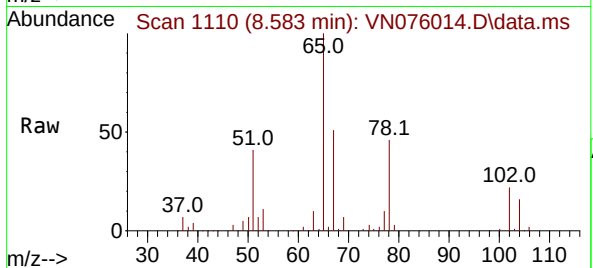
67 52.8 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022

Supervised By :Mahesh Dadoda 12/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076014.D

Acq: 28 Dec 2022 20:56

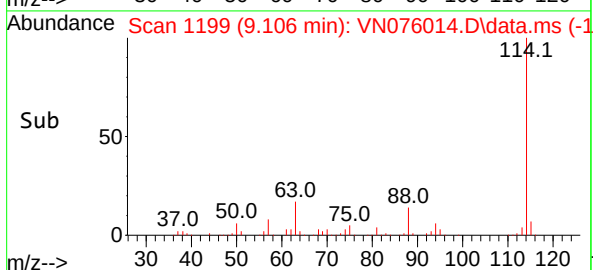
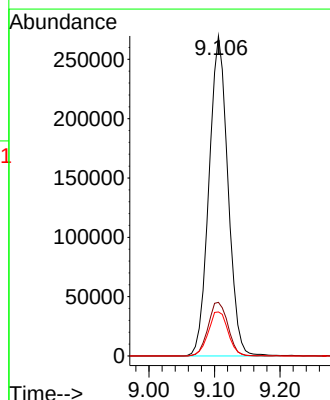
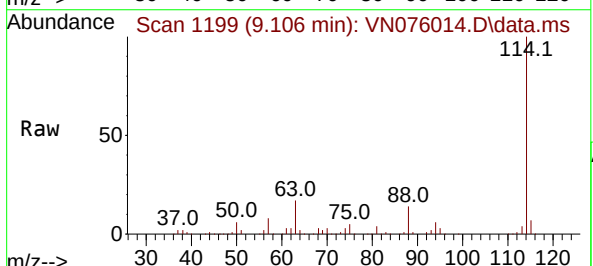
Tgt Ion:114 Resp: 540944

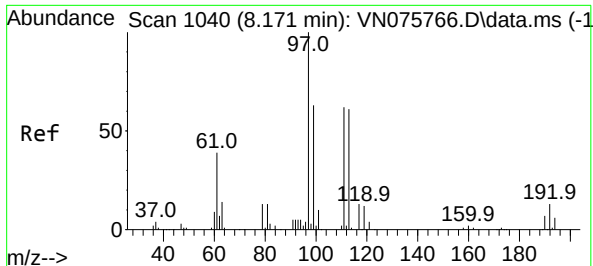
Ion Ratio Lower Upper

114 100

63 16.7 0.0 34.4

88 13.7 0.0 28.8





#35

Dibromofluoromethane

Concen: 52.430 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076014.D

Acq: 28 Dec 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 175639

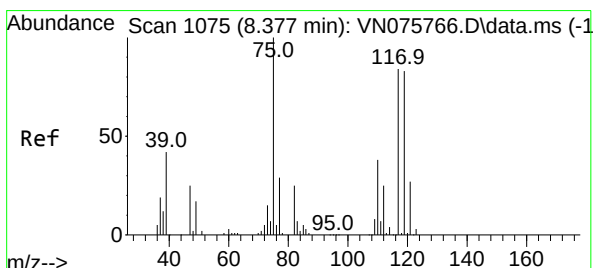
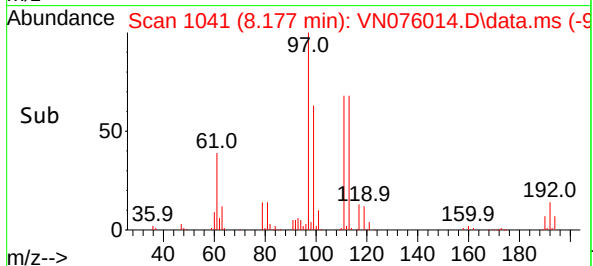
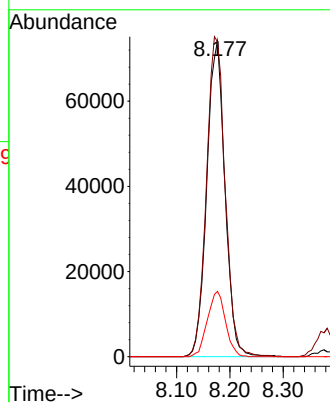
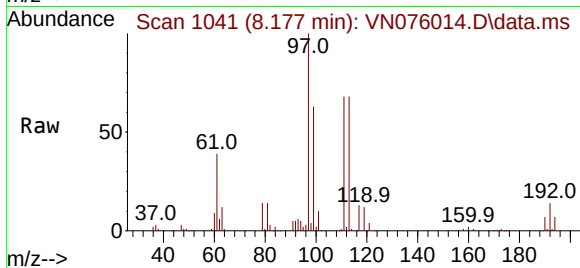
Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.4	125.2
192	20.6	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022

Supervised By :Mahesh Dadoda 12/31/2022



#36

1,1-Dichloropropene

Concen: 46.502 ug/l

RT: 8.377 min Scan# 1075

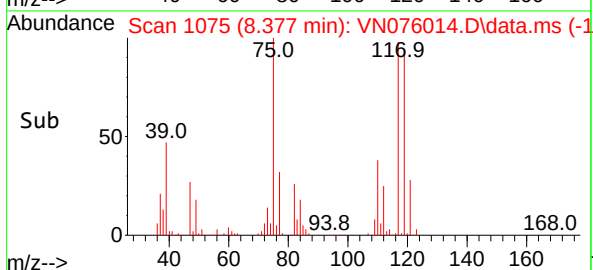
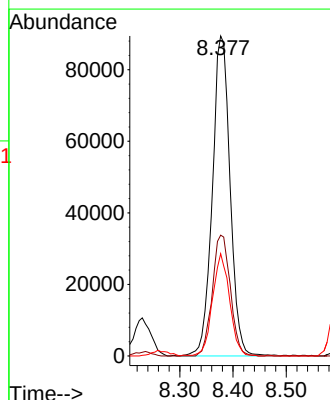
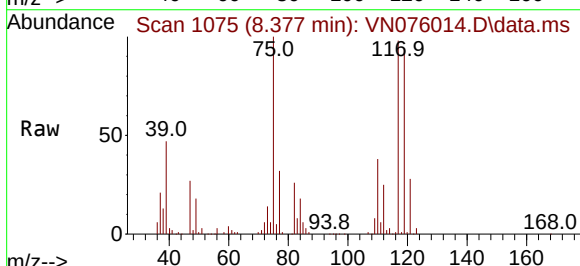
Delta R.T. 0.000 min

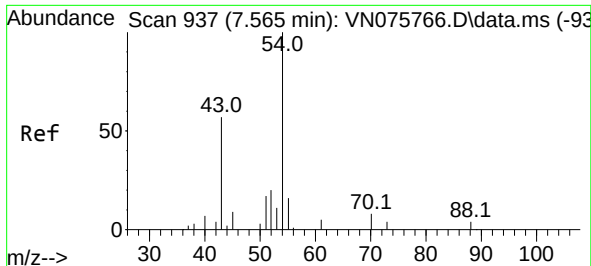
Lab File: VN076014.D

Acq: 28 Dec 2022 20:56

Tgt Ion: 75 Resp: 206940

Ion	Ratio	Lower	Upper
75	100		
110	38.4	18.8	56.4
77	30.9	24.1	36.1





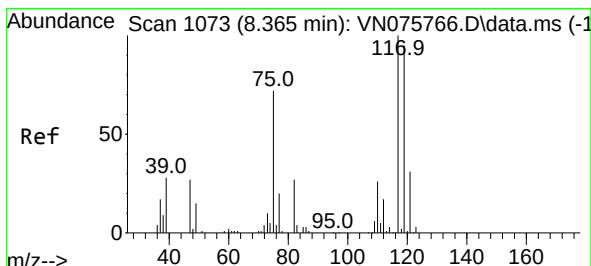
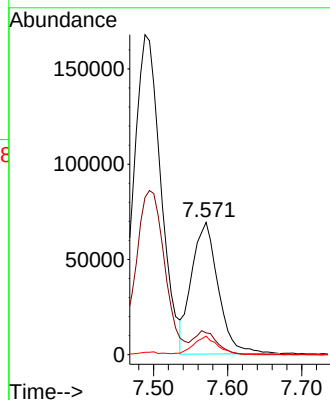
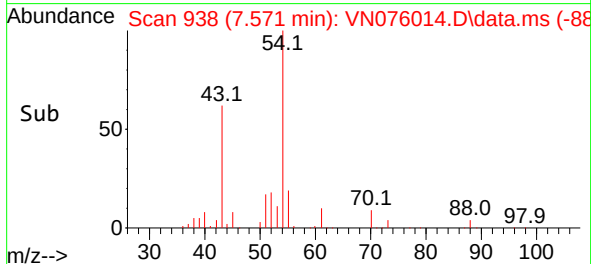
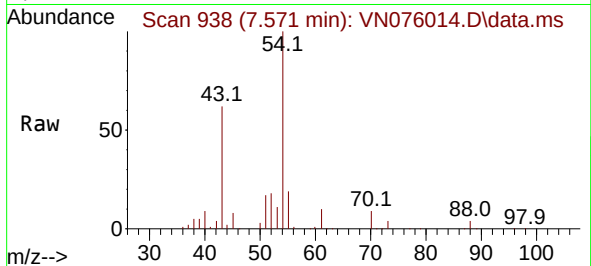
#37
Ethyl Acetate
Concen: 48.300 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 17265
Ion Ratio Lower Upper
43 100
61 15.2 13.0 19.4
70 12.7 9.4 14.0

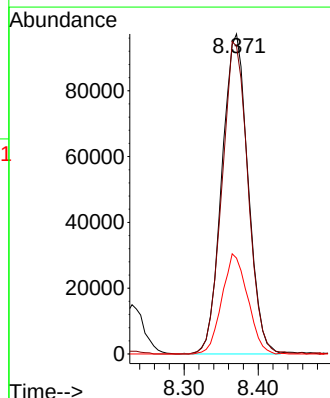
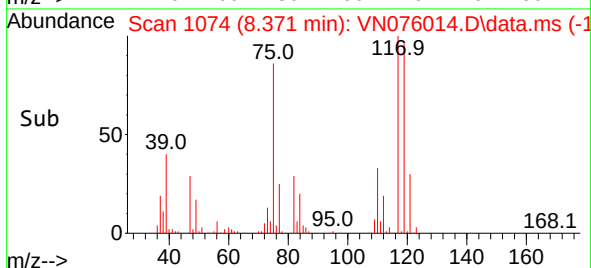
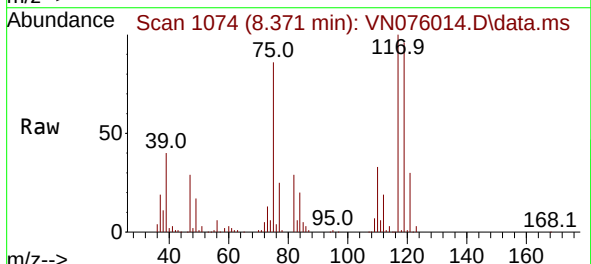
Manual Integrations
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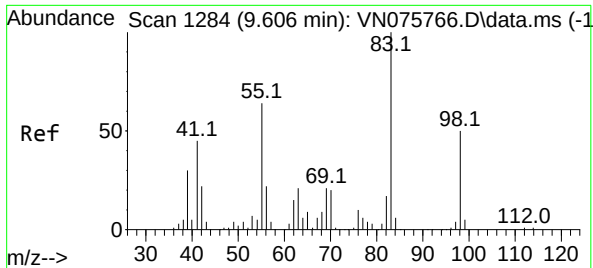
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#38
Carbon Tetrachloride
Concen: 47.758 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Tgt Ion:117 Resp: 237869
Ion Ratio Lower Upper
117 100
119 96.2 76.1 114.1
121 30.0 24.5 36.7





#39
Methylcyclohexane
Concen: 48.178 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

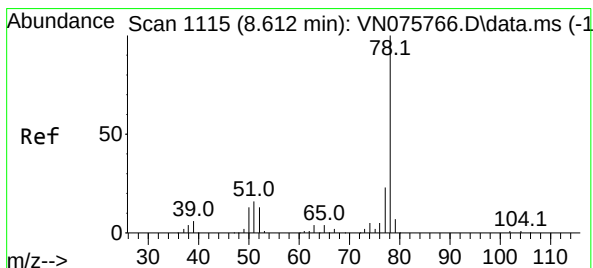
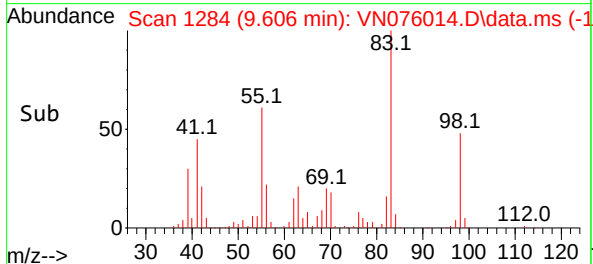
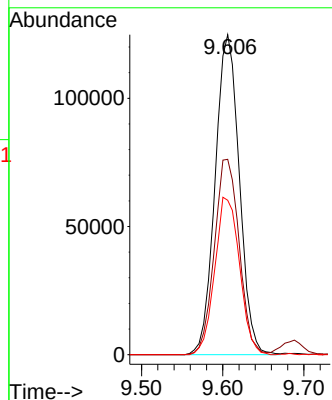
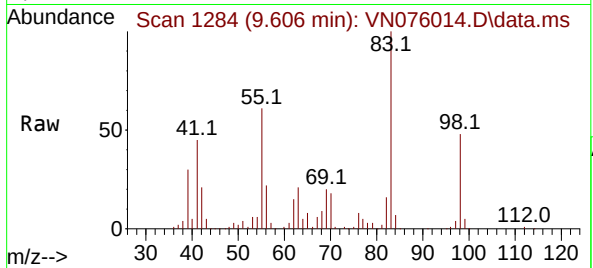
VSTDCCC050EC

Tgt Ion: 83 Resp: 25865
Ion Ratio Lower Upper
83 100
55 61.1 51.4 77.0
98 48.2 39.8 59.8

Manual Integrations

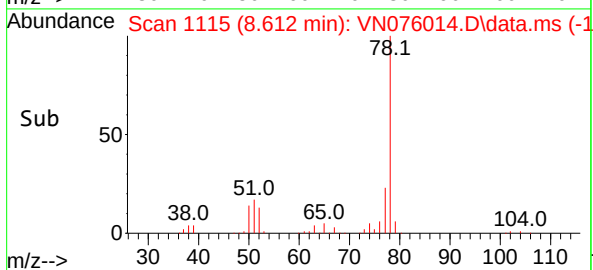
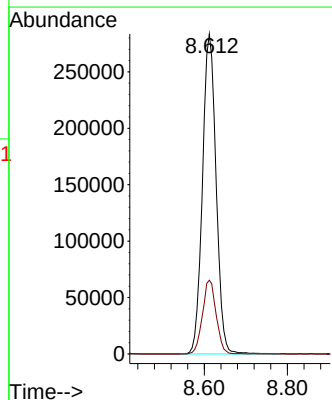
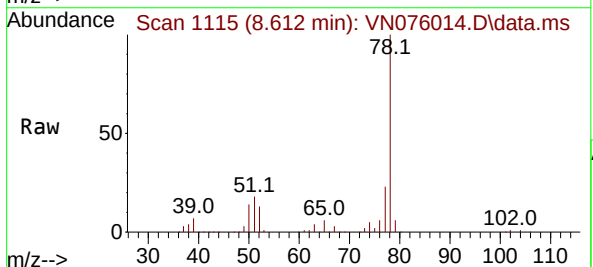
APPROVED

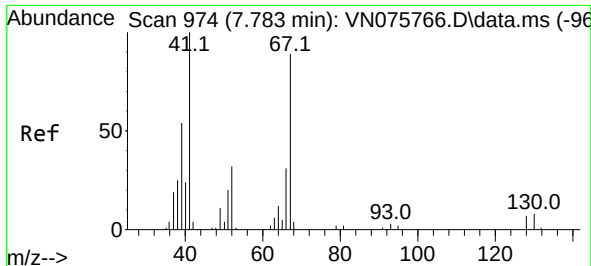
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#40
Benzene
Concen: 47.094 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

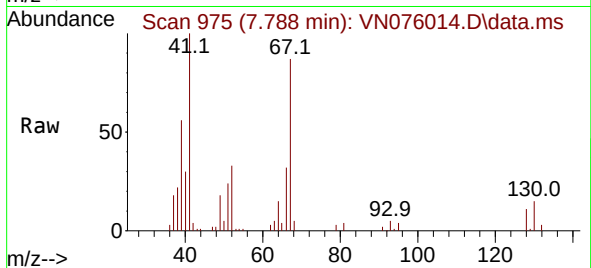
Tgt Ion: 78 Resp: 646615
Ion Ratio Lower Upper
78 100
77 23.0 18.5 27.7





#41
Methacrylonitrile
Concen: 50.692 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

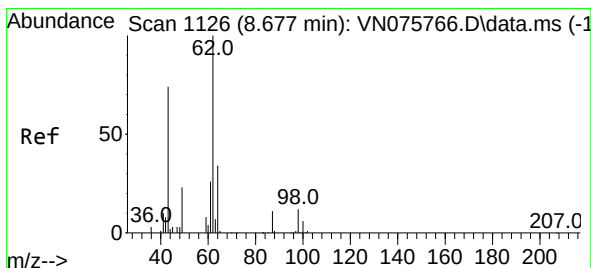
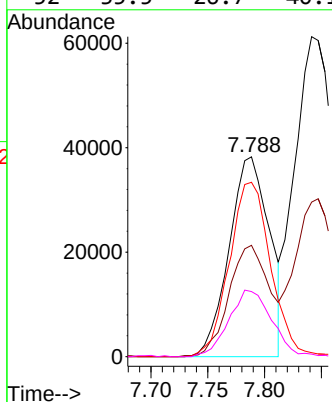
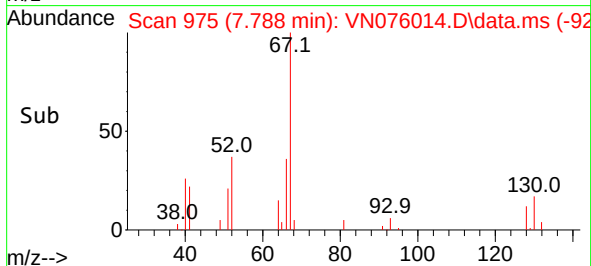
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 94180
Ion Ratio Lower Upper
41 100
39 55.9 43.1 64.7
67 90.1 70.7 106.1
52 35.5 26.7 40.1

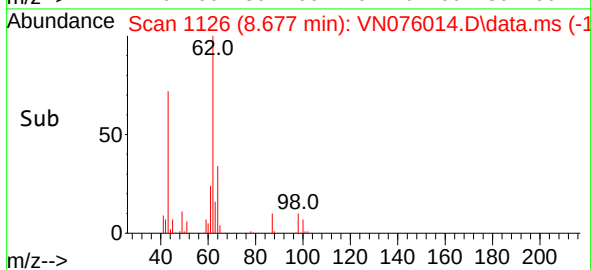
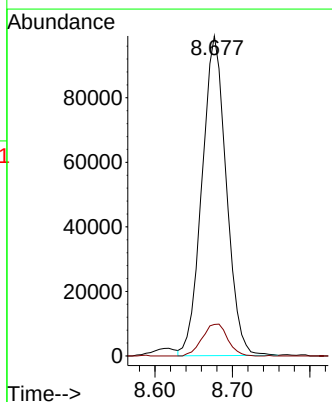
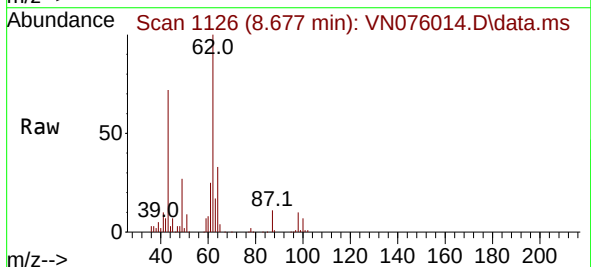
Manual Integrations
APPROVED

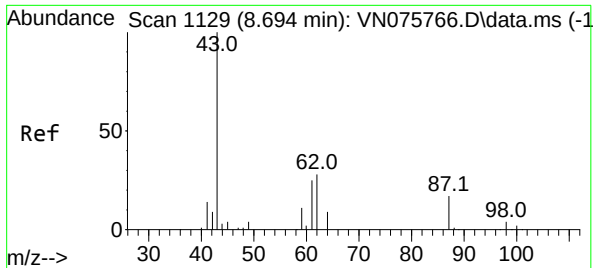
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#42
1,2-Dichloroethane
Concen: 47.218 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

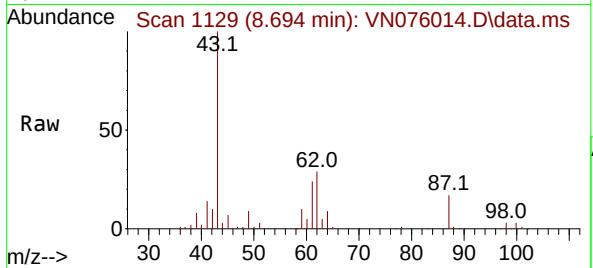
Tgt Ion: 62 Resp: 215536
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.8





#43
Isopropyl Acetate
Concen: 58.900 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

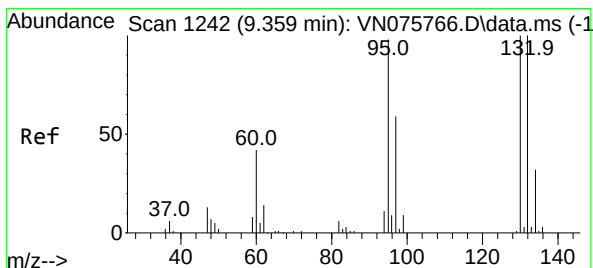
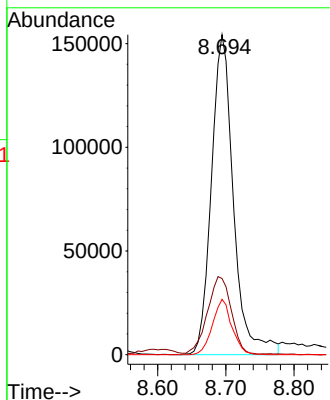
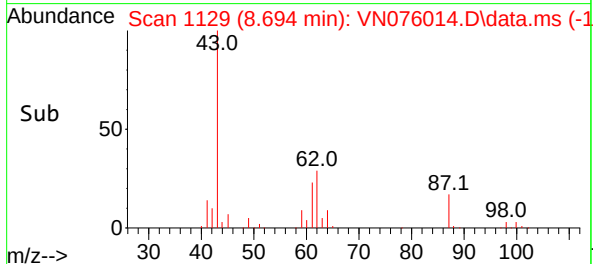
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



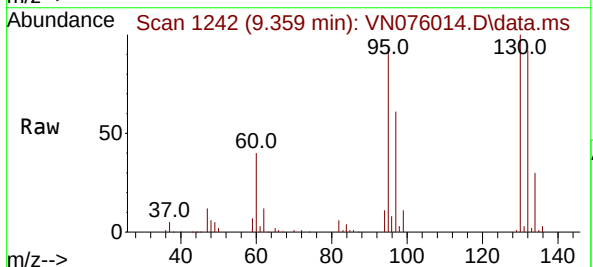
Tgt Ion: 43 Resp: 347302
Ion Ratio Lower Upper
43 100
61 25.9 24.2 36.4
87 15.2 13.3 19.9

Manual Integrations
APPROVED

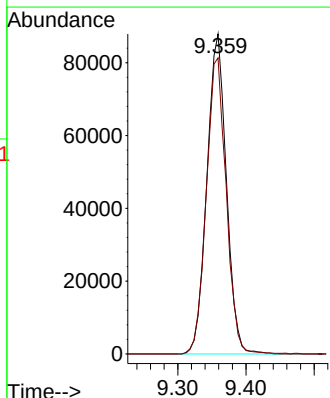
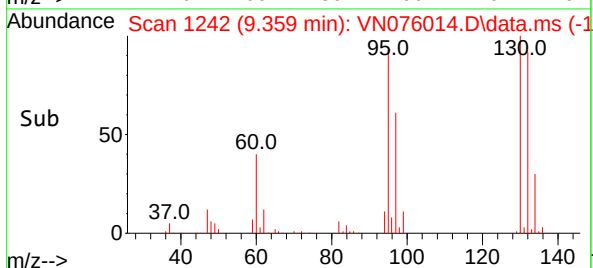
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022

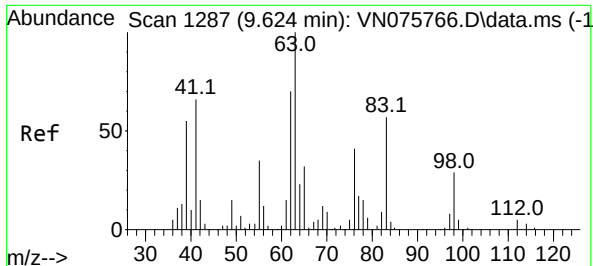


#44
Trichloroethene
Concen: 45.168 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56



Tgt Ion:130 Resp: 174714
Ion Ratio Lower Upper
130 100
95 92.6 0.0 195.4





#45

1,2-Dichloropropane

Concen: 47.566 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN076014.D

Acq: 28 Dec 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 15892

Ion Ratio Lower Upper

63 100

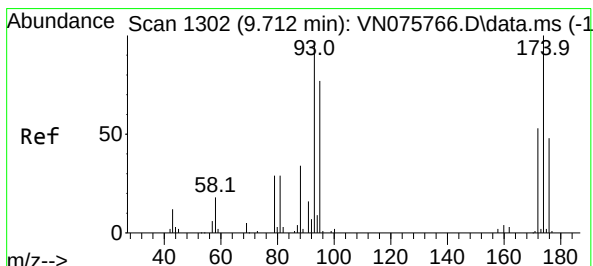
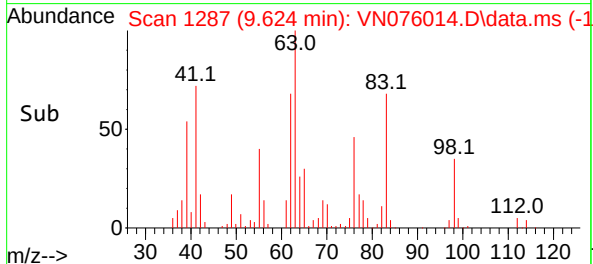
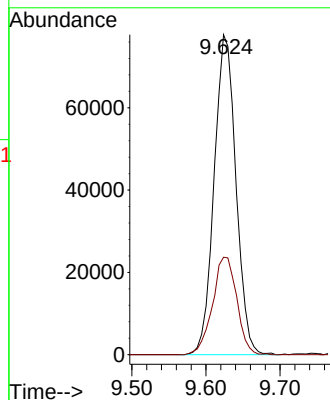
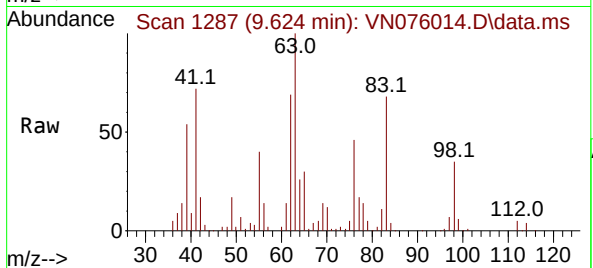
65 30.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022

Supervised By :Mahesh Dadoda 12/31/2022



#46

Dibromomethane

Concen: 48.005 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN076014.D

Acq: 28 Dec 2022 20:56

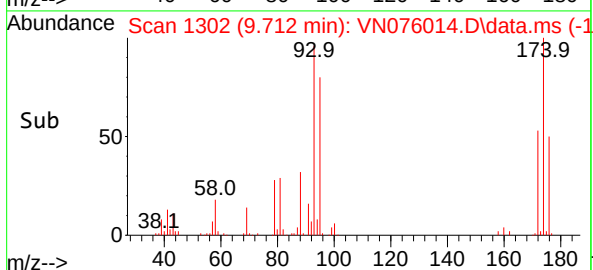
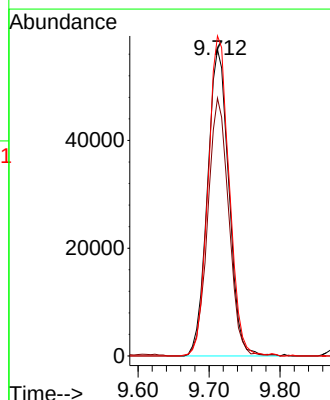
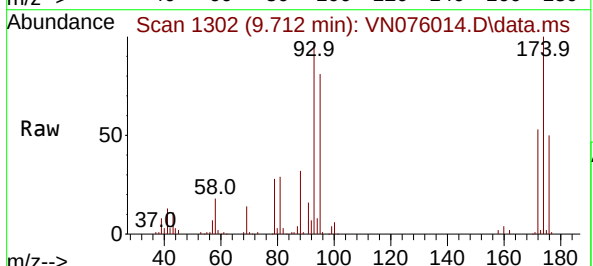
Tgt Ion: 93 Resp: 118964

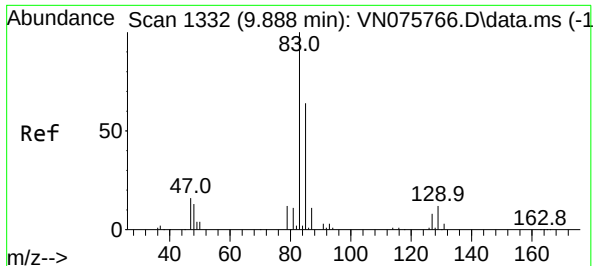
Ion Ratio Lower Upper

93 100

95 82.2 65.2 97.8

174 102.9 82.4 123.6





#47

Bromodichloromethane

Concen: 48.740 ug/l

RT: 9.894 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN076014.D

Acq: 28 Dec 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

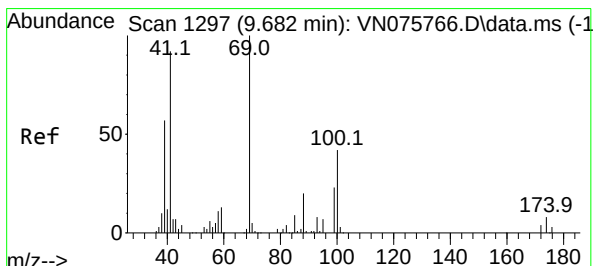
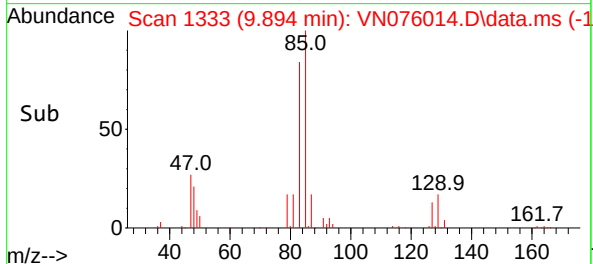
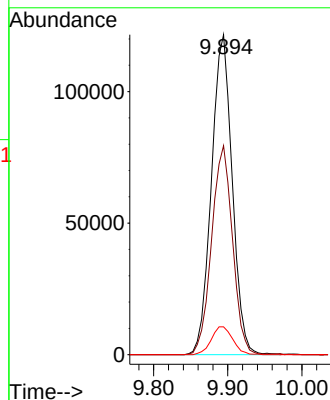
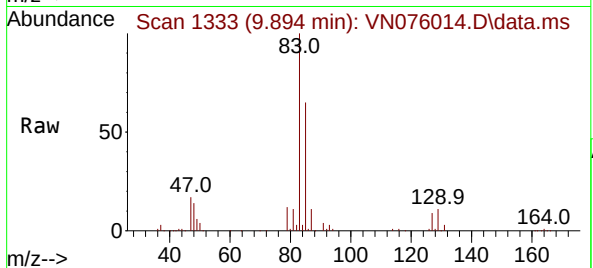
Tgt Ion: 83 Resp: 236862

Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.5	77.3
127	8.7	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#48

Methyl methacrylate

Concen: 53.222 ug/l

RT: 9.682 min Scan# 1297

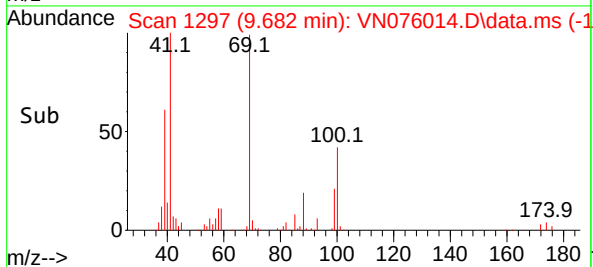
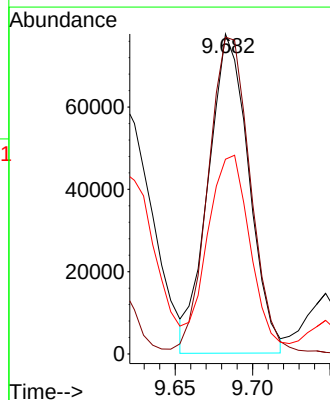
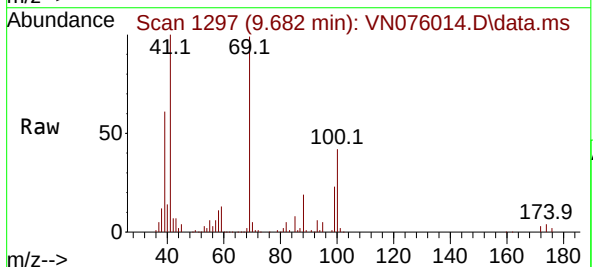
Delta R.T. 0.000 min

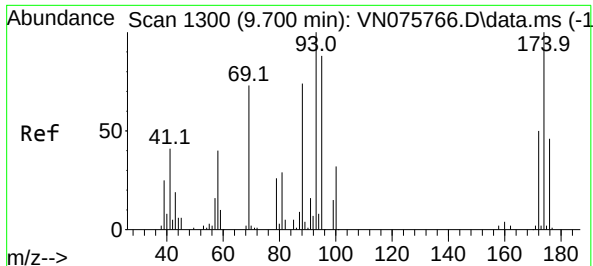
Lab File: VN076014.D

Acq: 28 Dec 2022 20:56

Tgt Ion: 41 Resp: 141344

Ion	Ratio	Lower	Upper
41	100		
69	103.2	81.9	122.9
39	67.0	51.6	77.4





#49

1,4-Dioxane

Concen: 992.890 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN076014.D

Acq: 28 Dec 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

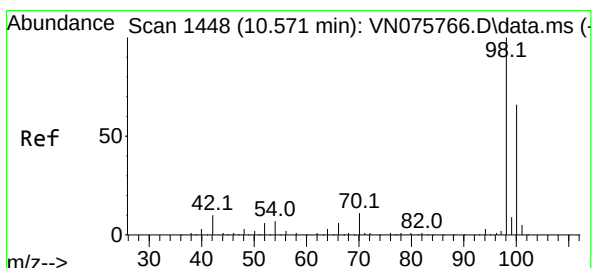
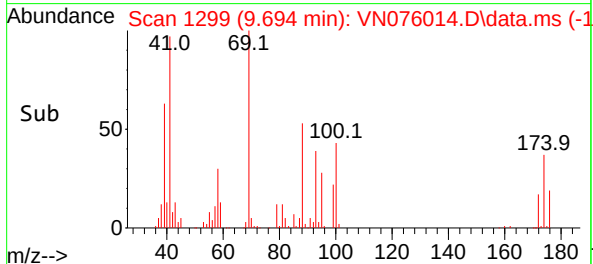
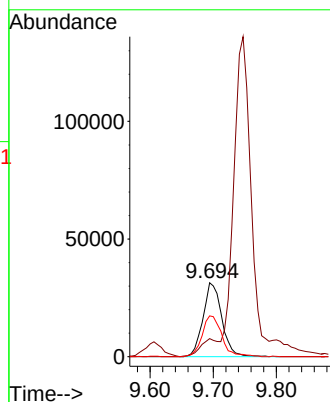
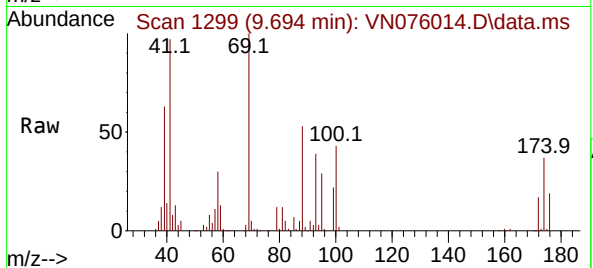
VSTDCCC050EC

Tgt Ion: 88 Resp: 64825
 Ion Ratio Lower Upper
 88 100
 43 21.3 17.1 25.7
 58 58.3 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022
 Supervised By :Mahesh Dadoda 12/31/2022



#50

Toluene-d8

Concen: 52.447 ug/l

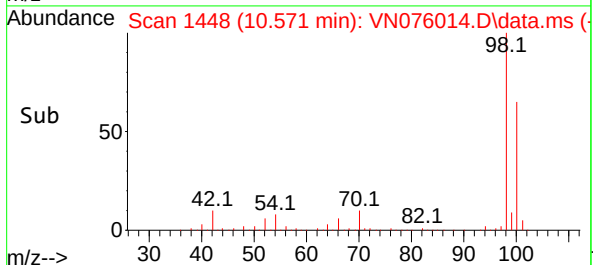
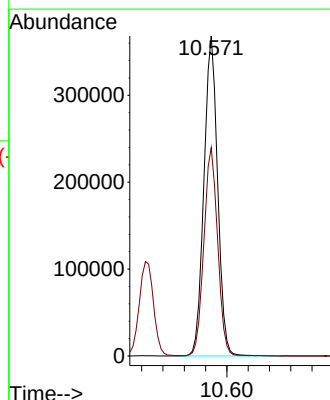
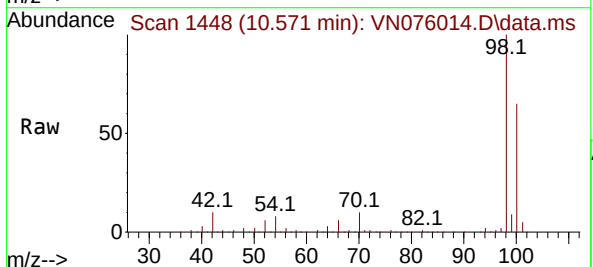
RT: 10.571 min Scan# 1448

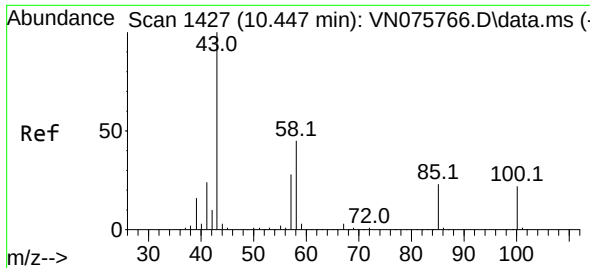
Delta R.T. 0.000 min

Lab File: VN076014.D

Acq: 28 Dec 2022 20:56

Tgt Ion: 98 Resp: 656905
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.1 78.1





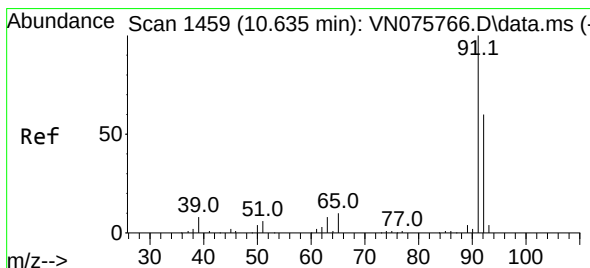
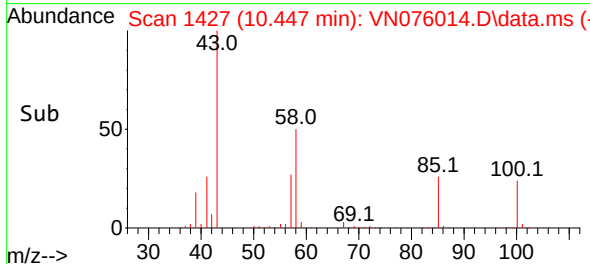
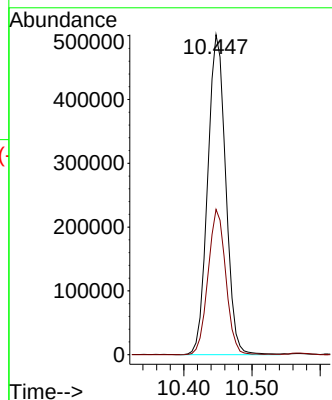
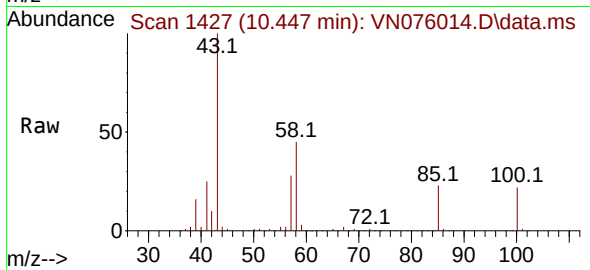
#51
4-Methyl-2-Pentanone
Concen: 258.670 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 922400
Ion Ratio Lower Upper
43 100
58 44.8 35.5 53.3

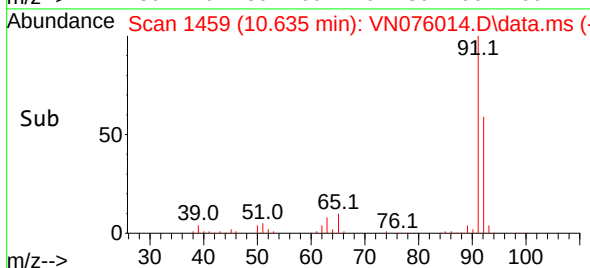
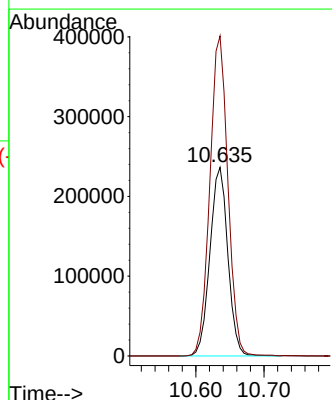
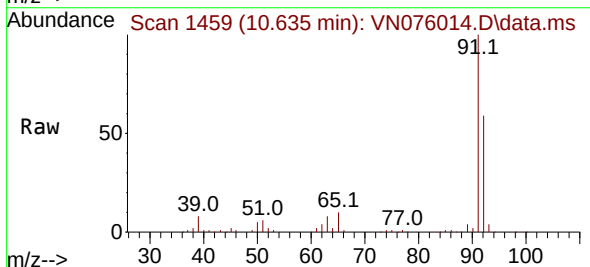
Manual Integrations
APPROVED

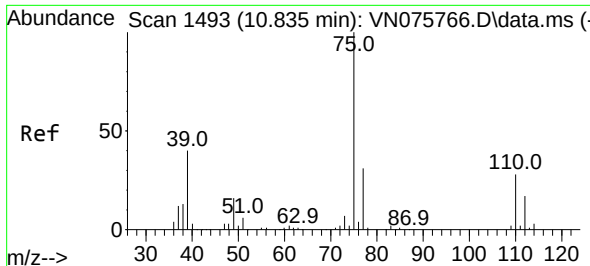
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#52
Toluene
Concen: 48.325 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

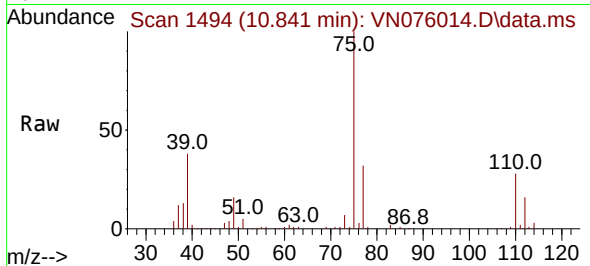
Tgt Ion: 92 Resp: 432130
Ion Ratio Lower Upper
92 100
91 170.7 137.3 205.9





#53
 t-1,3-Dichloropropene
 Concen: 51.705 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN076014.D
 Acq: 28 Dec 2022 20:56

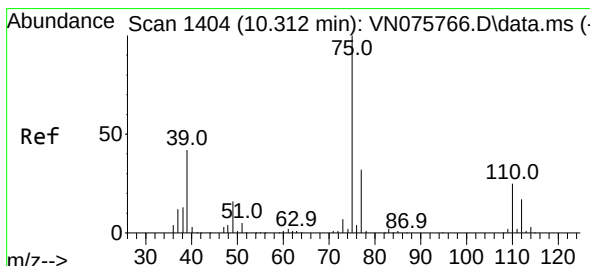
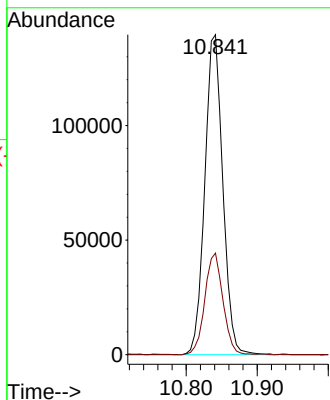
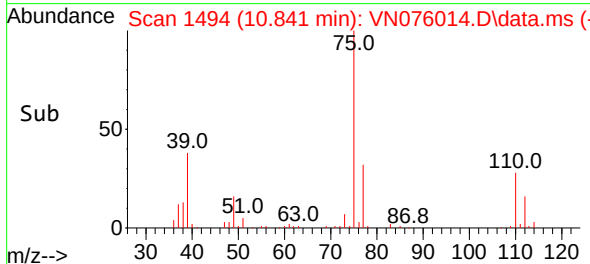
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



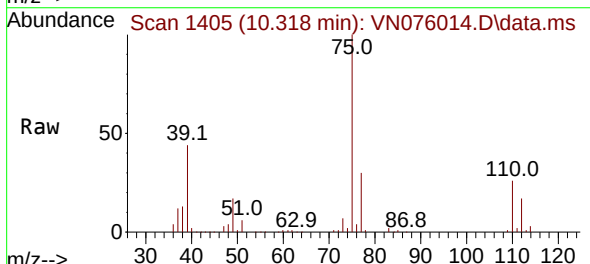
Tgt Ion: 75 Resp: 245970
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.9 37.3

Manual Integrations
 APPROVED

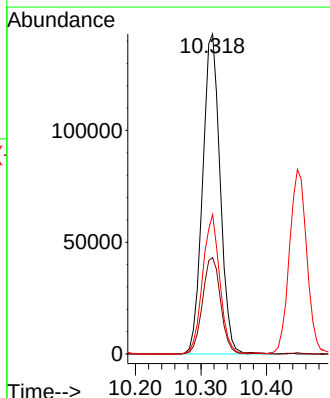
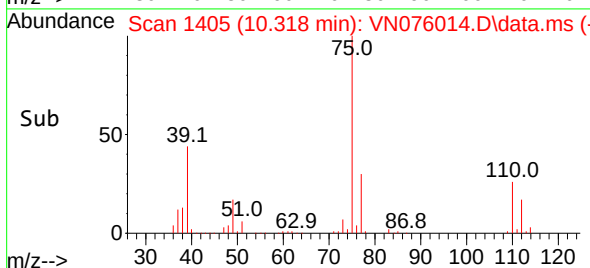
Reviewed By :Semsettin Yesilyurt 12/29/2022
 Supervised By :Mahesh Dadoda 12/31/2022

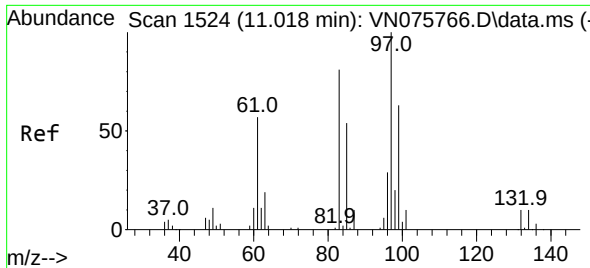


#54
 cis-1,3-Dichloropropene
 Concen: 50.911 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN076014.D
 Acq: 28 Dec 2022 20:56



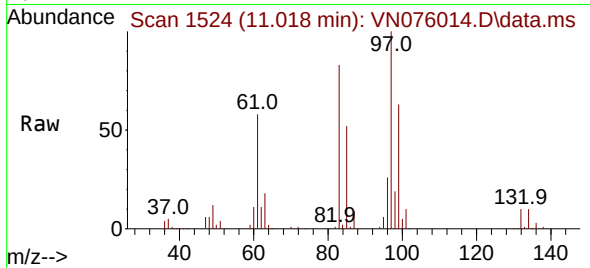
Tgt Ion: 75 Resp: 265913
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.8 38.8
 39 43.6 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 49.763 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

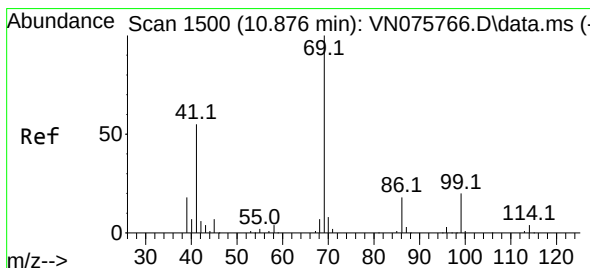
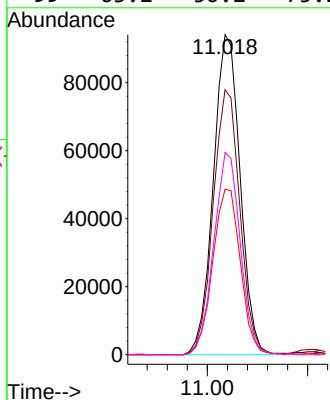
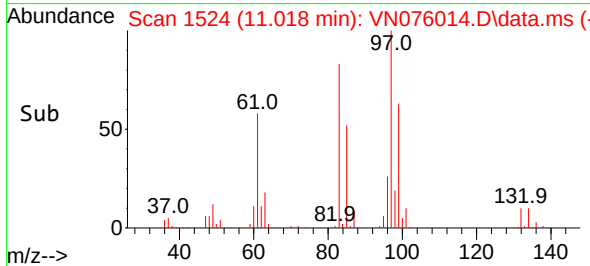
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



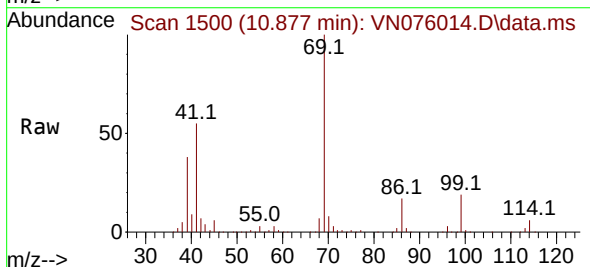
Tgt Ion: 97 Resp: 174660
Ion Ratio Lower Upper
97 100
83 82.8 65.0 97.4
85 51.8 43.0 64.6
99 63.2 50.2 75.2

Manual Integrations
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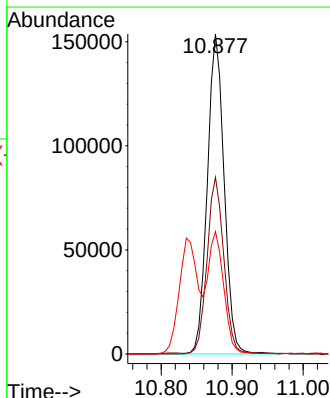
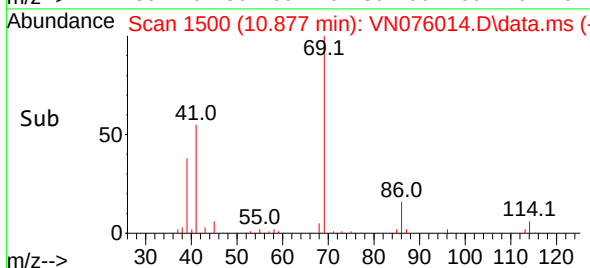
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022

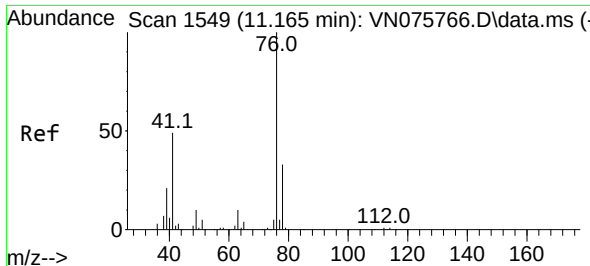


#56
Ethyl methacrylate
Concen: 54.145 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56



Tgt Ion: 69 Resp: 252423
Ion Ratio Lower Upper
69 100
41 54.5 44.2 66.4
39 35.5 26.4 39.6





#57

1,3-Dichloropropane

Concen: 48.887 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076014.D

Acq: 28 Dec 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 281449

Ion Ratio Lower Upper

76 100

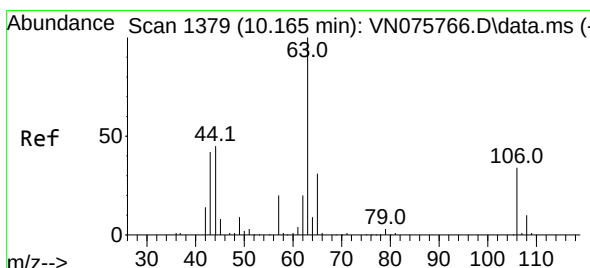
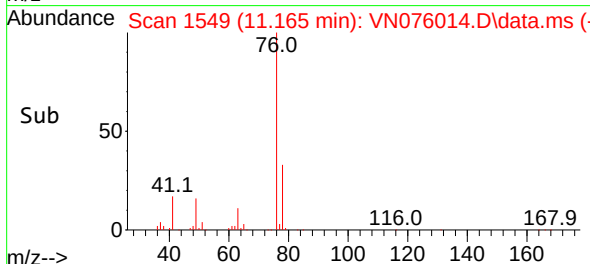
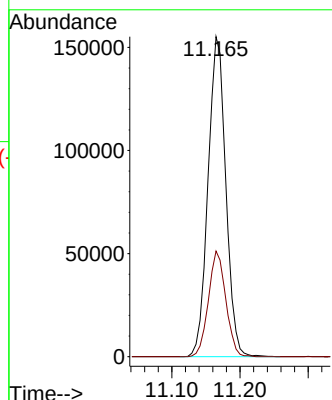
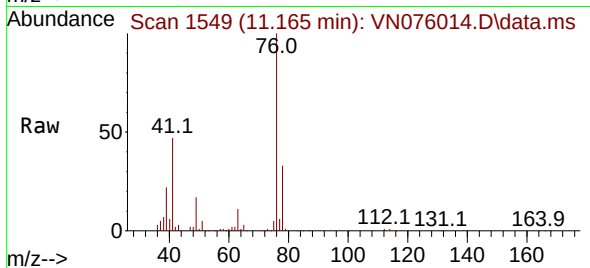
78 32.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022

Supervised By :Mahesh Dadoda 12/31/2022



#58

2-Chloroethyl Vinyl ether

Concen: 268.906 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN076014.D

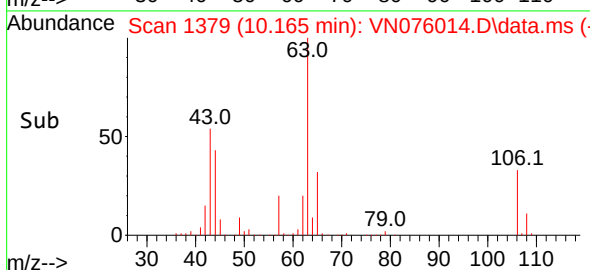
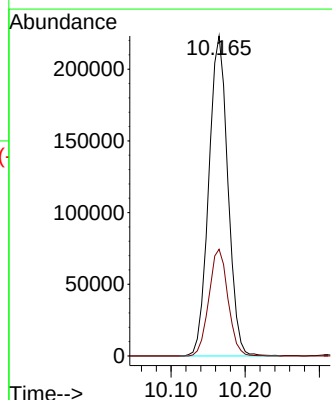
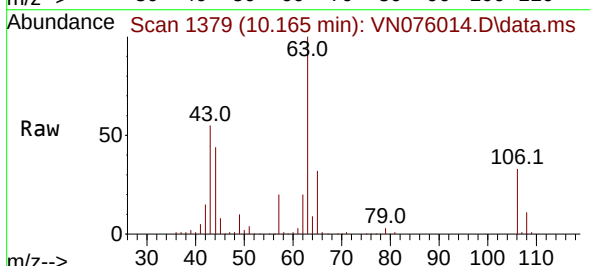
Acq: 28 Dec 2022 20:56

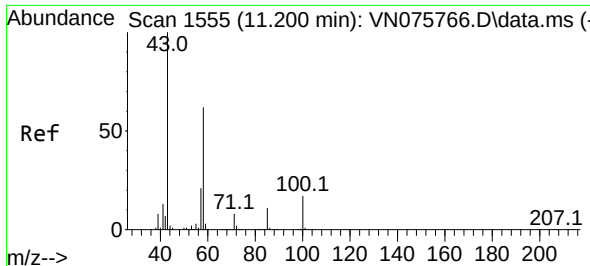
Tgt Ion: 63 Resp: 399136

Ion Ratio Lower Upper

63 100

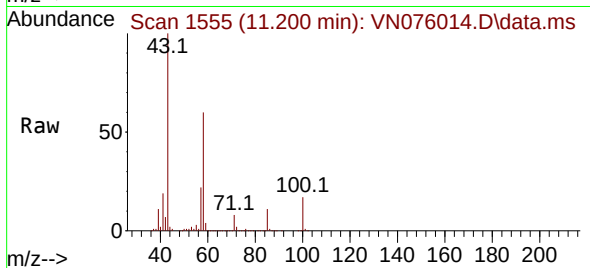
106 33.3 26.4 39.6





#59
2-Hexanone
Concen: 259.573 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

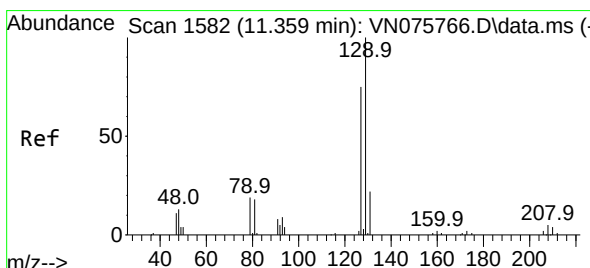
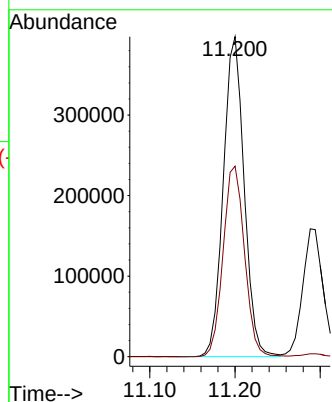
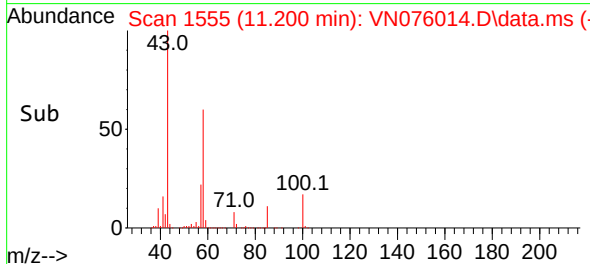
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 675020
Ion Ratio Lower Upper
43 100
58 61.2 30.6 92.0

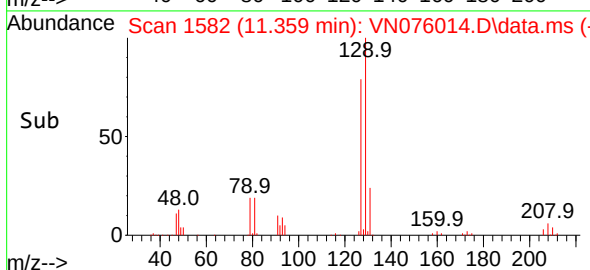
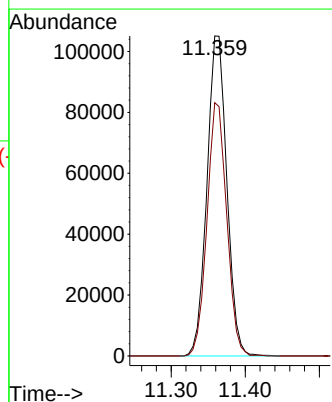
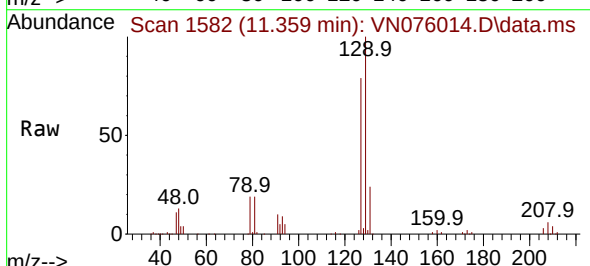
Manual Integrations
APPROVED

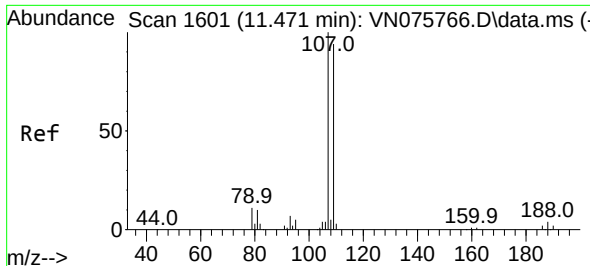
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#60
Dibromochloromethane
Concen: 50.183 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

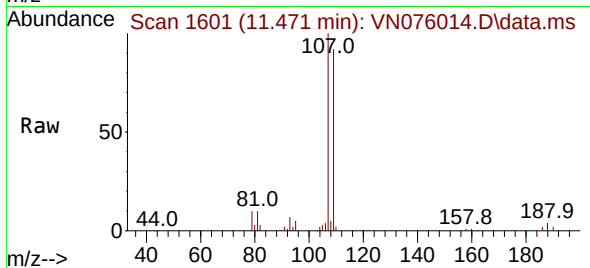
Tgt Ion:129 Resp: 195877
Ion Ratio Lower Upper
129 100
127 78.4 38.3 114.9





#61
1,2-Dibromoethane
Concen: 50.172 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

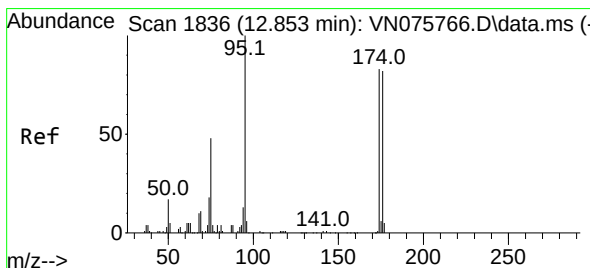
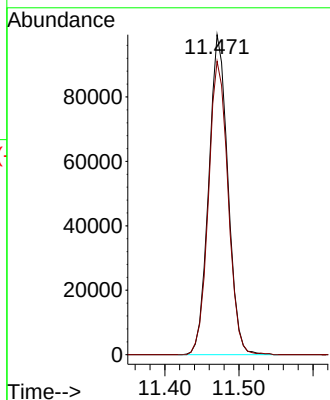
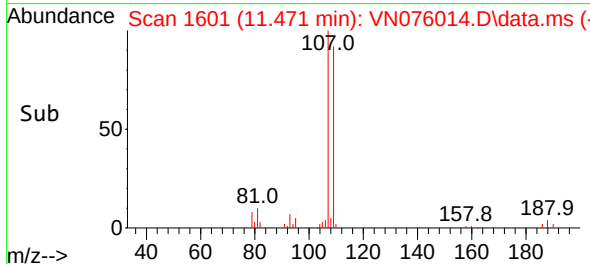
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



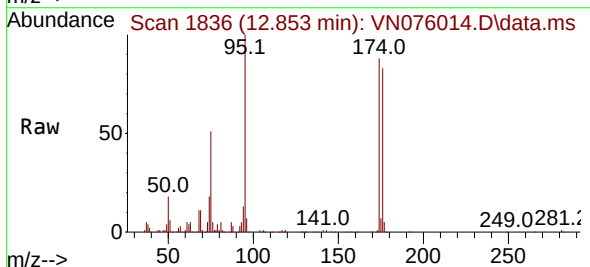
Tgt Ion:107 Resp: 17820
Ion Ratio Lower Upper
107 100
109 93.8 74.8 112.2

Manual Integrations
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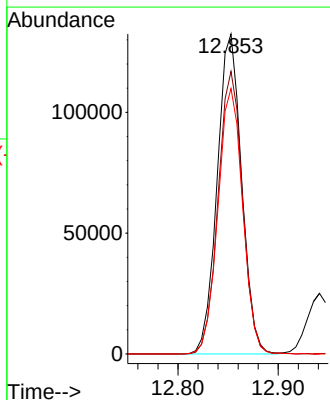
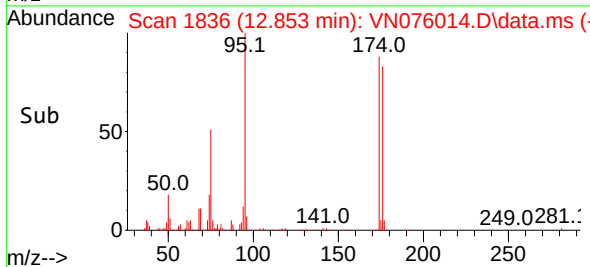
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022

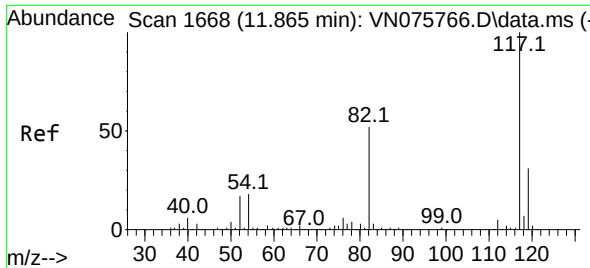


#62
4-Bromofluorobenzene
Concen: 53.845 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56



Tgt Ion: 95 Resp: 223376
Ion Ratio Lower Upper
95 100
174 88.4 0.0 171.6
176 83.9 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

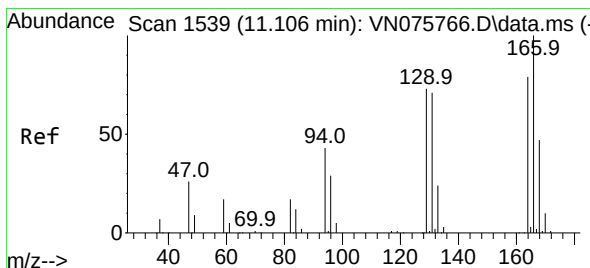
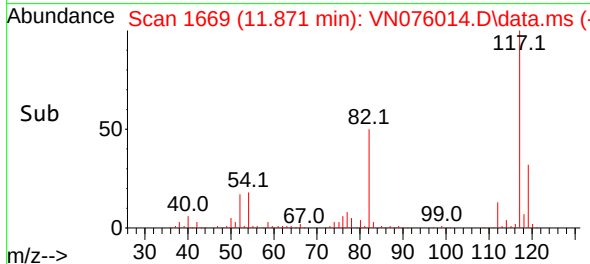
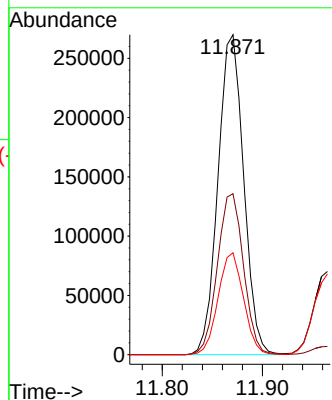
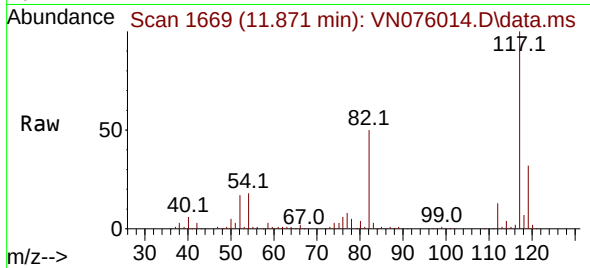
VSTDCCC050EC

Tgt Ion:117 Resp: 48072
Ion Ratio Lower Upper
117 100
82 50.3 41.3 61.9
119 31.9 24.6 37.0

Manual Integrations

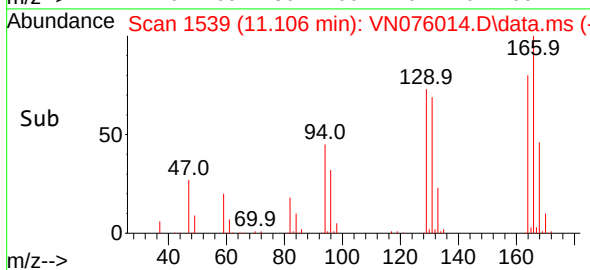
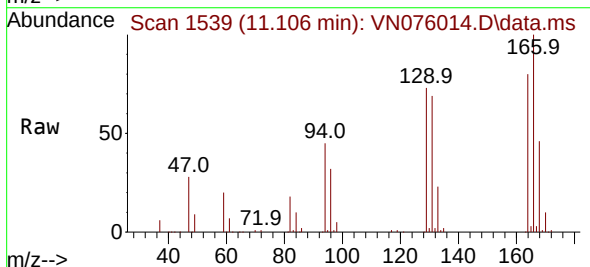
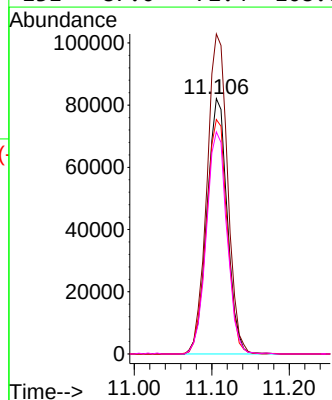
APPROVED

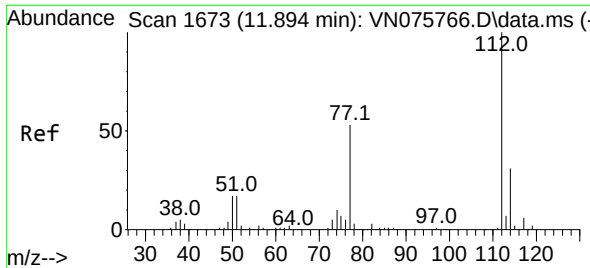
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#64
Tetrachloroethene
Concen: 44.237 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

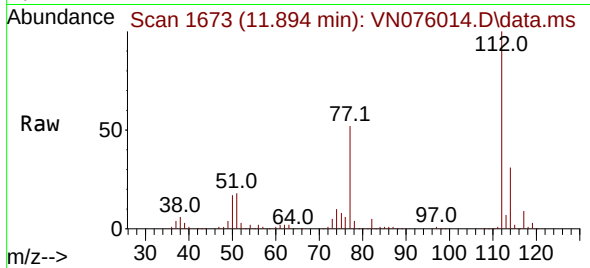
Tgt Ion:164 Resp: 149644
Ion Ratio Lower Upper
164 100
166 125.3 101.9 152.9
129 91.8 74.2 111.2
131 87.0 72.4 108.6





#65
Chlorobenzene
Concen: 47.914 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

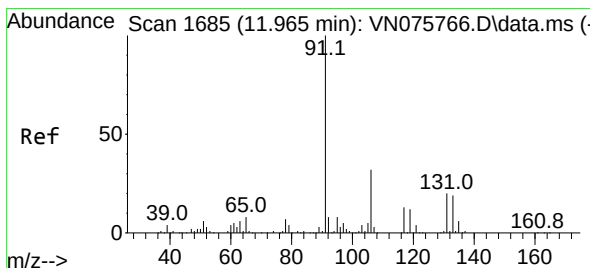
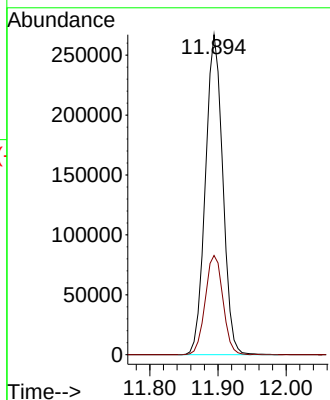
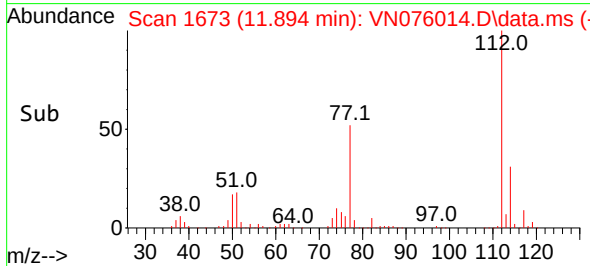
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



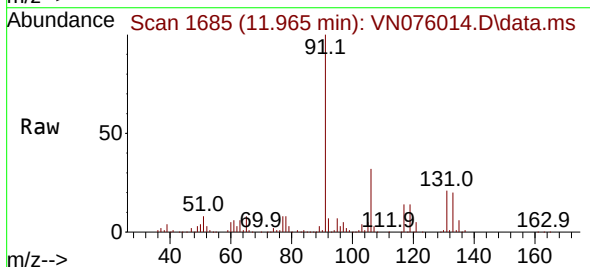
Tgt Ion:112 Resp: 472764
Ion Ratio Lower Upper
112 100
114 31.0 24.7 37.1

Manual Integrations
APPROVED

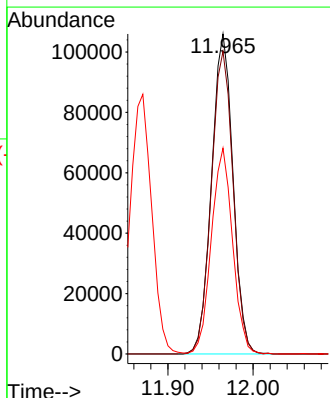
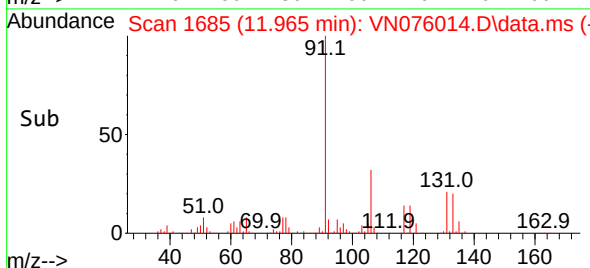
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022

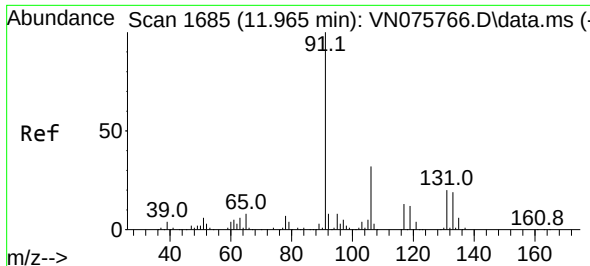


#66
1,1,1,2-Tetrachloroethane
Concen: 50.585 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56



Tgt Ion:131 Resp: 184869
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.5
119 64.0 31.9 95.7





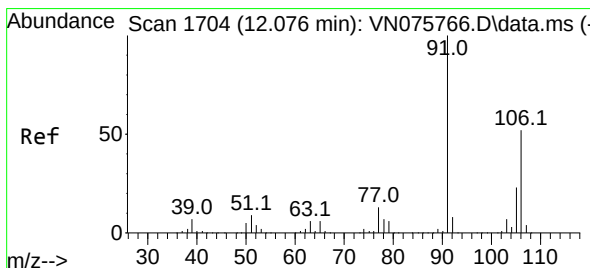
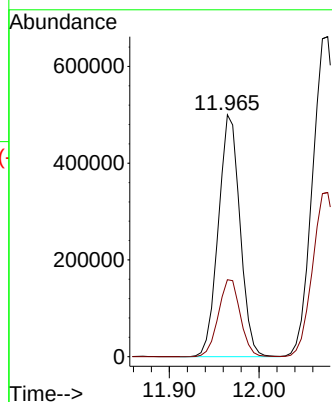
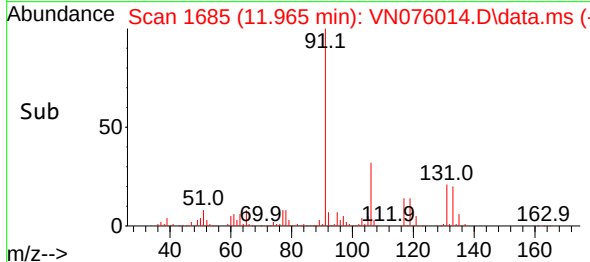
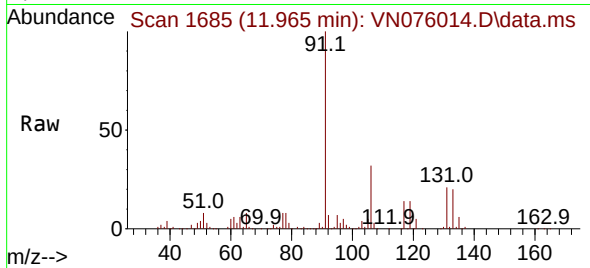
#67
Ethyl Benzene
Concen: 50.215 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 836223
Ion Ratio Lower Upper
91 100
106 31.8 25.7 38.5

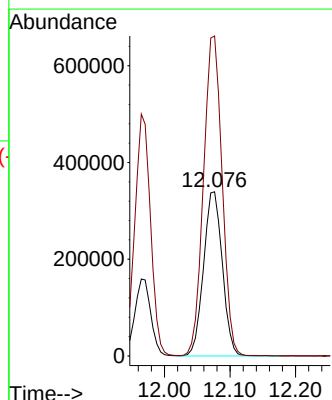
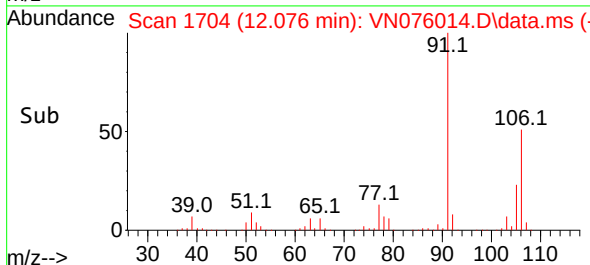
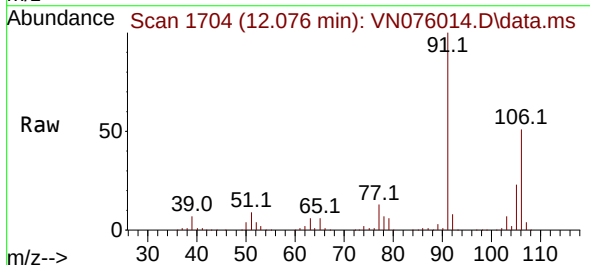
Manual Integrations
APPROVED

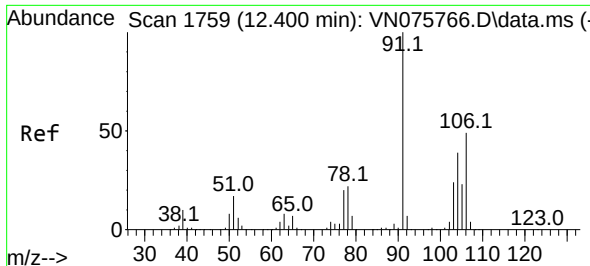
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#68
m/p-Xylenes
Concen: 102.618 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Tgt Ion:106 Resp: 676369
Ion Ratio Lower Upper
106 100
91 194.0 156.6 235.0





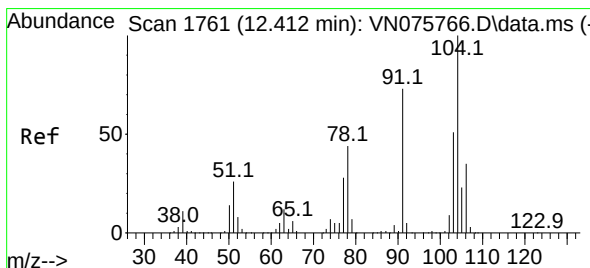
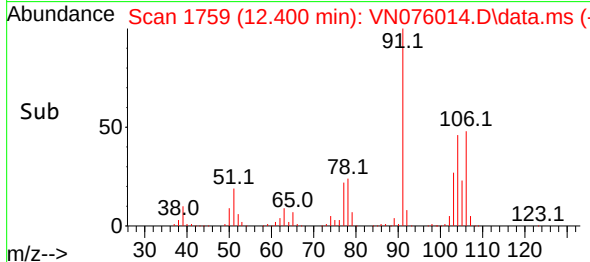
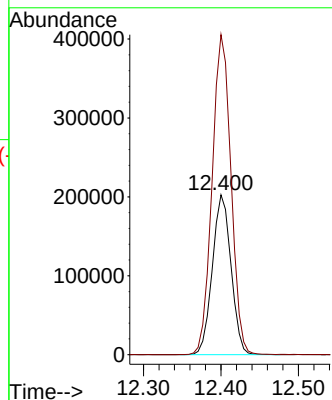
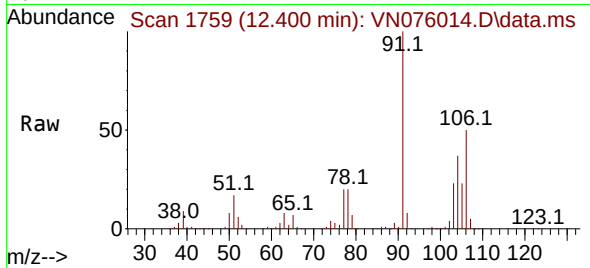
#69
o-Xylene
Concen: 51.922 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 338664
Ion Ratio Lower Upper
106 100
91 202.9 103.8 311.6

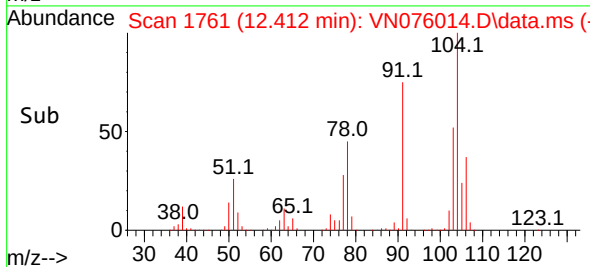
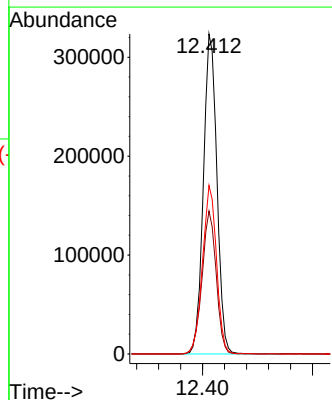
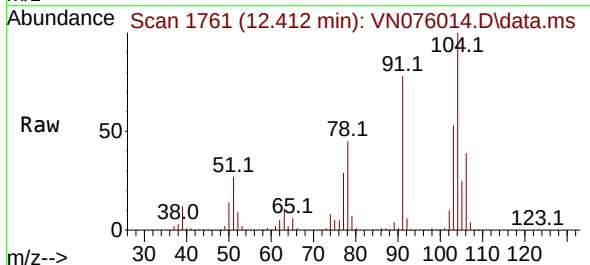
Manual Integrations
APPROVED

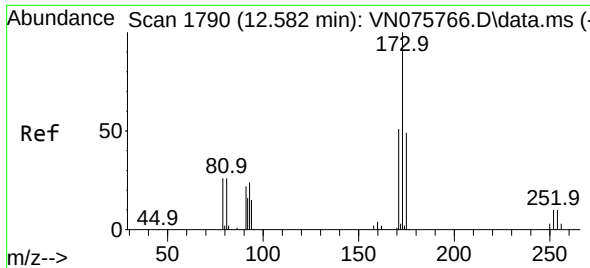
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#70
Styrene
Concen: 53.290 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

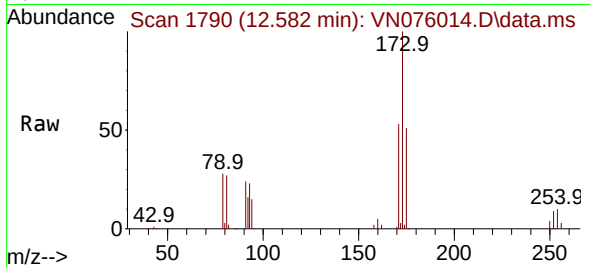
Tgt Ion:104 Resp: 552670
Ion Ratio Lower Upper
104 100
78 46.7 37.5 56.3
103 54.5 43.5 65.3





#71
Bromoform
Concen: 54.486 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

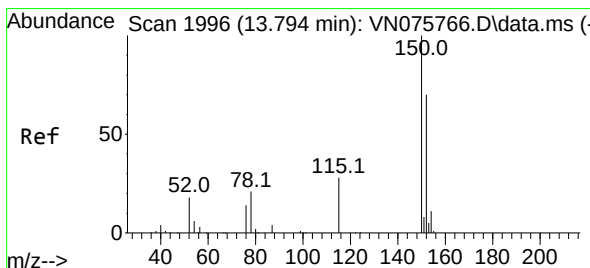
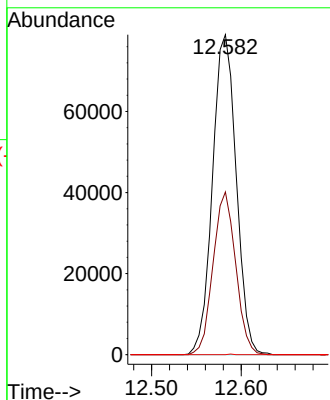
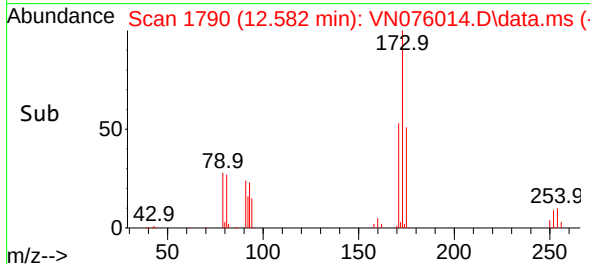
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



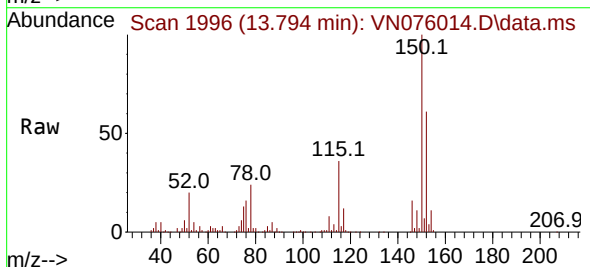
Tgt Ion:173 Resp: 144895
Ion Ratio Lower Upper
173 100
175 48.3 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

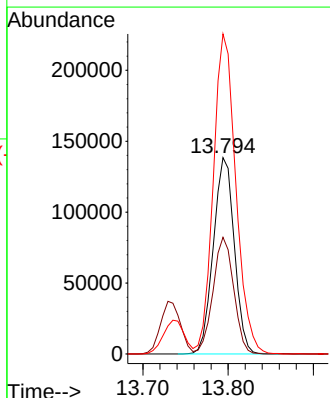
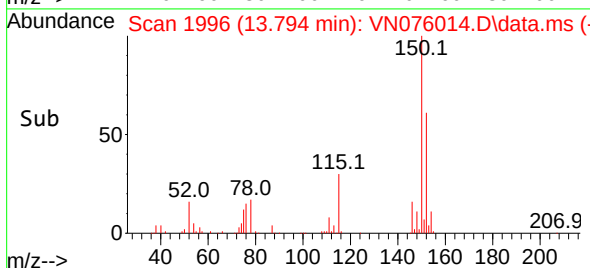
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022

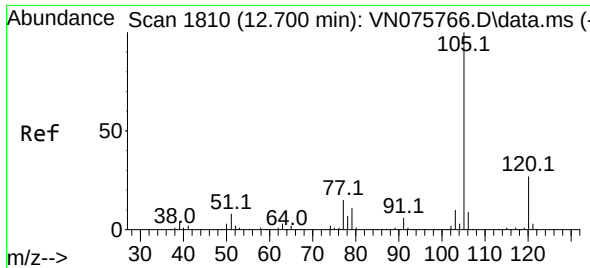


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56



Tgt Ion:152 Resp: 236661
Ion Ratio Lower Upper
152 100
115 58.5 29.1 87.4
150 175.1 0.0 347.0





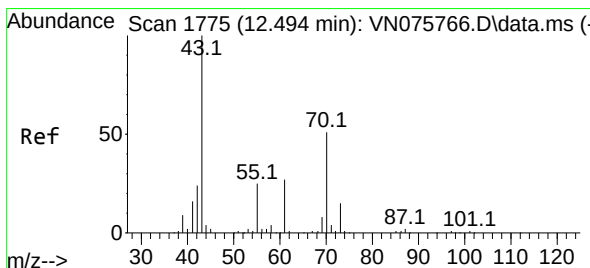
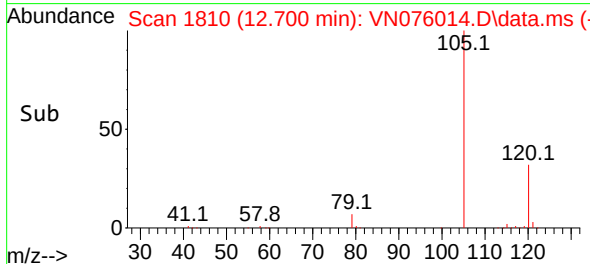
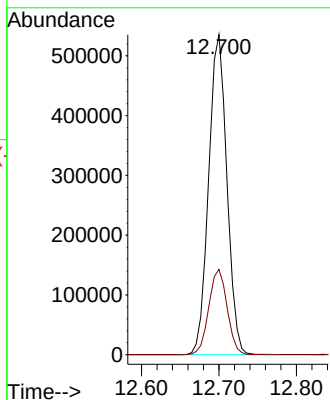
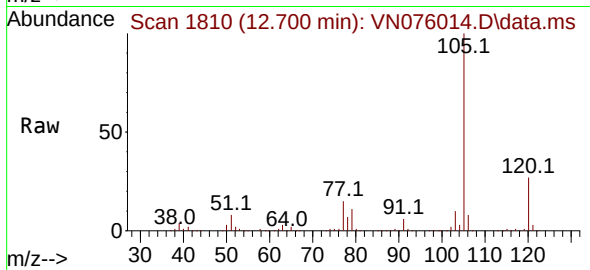
#73
Isopropylbenzene
Concen: 51.191 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 87547
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2

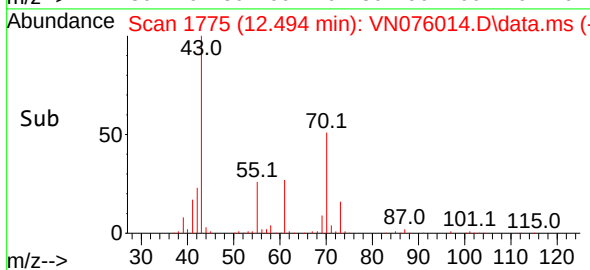
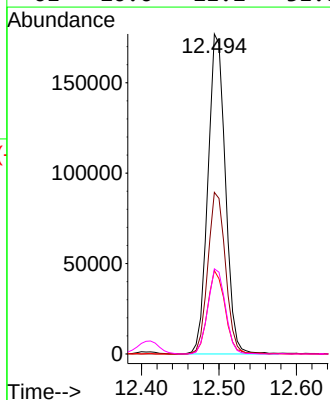
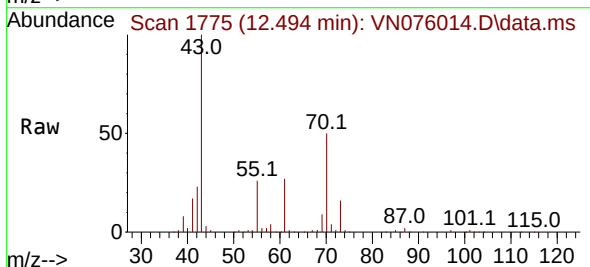
Manual Integrations
APPROVED

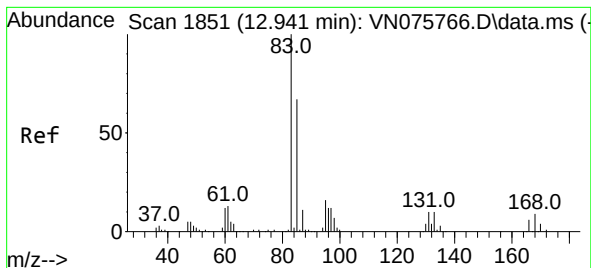
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#74
N-ethyl acetate
Concen: 55.213 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Tgt Ion: 43 Resp: 277012
Ion Ratio Lower Upper
43 100
70 51.1 41.4 62.0
55 26.2 21.3 31.9
61 26.6 21.2 31.8





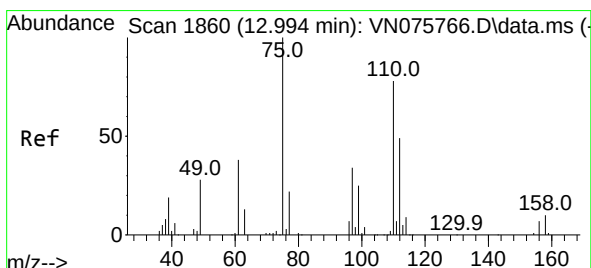
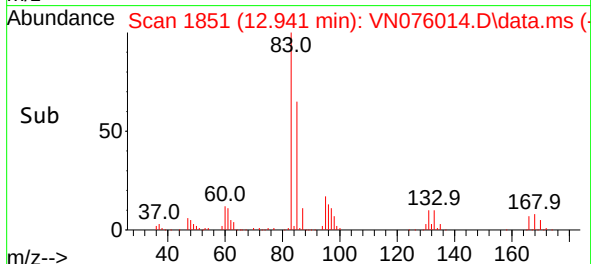
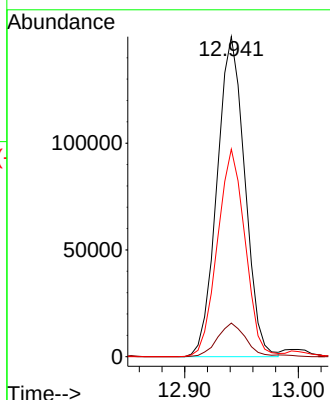
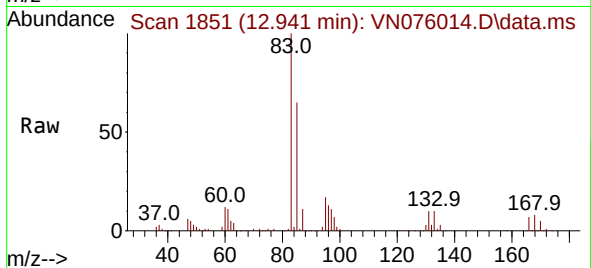
#75
1,1,2,2-Tetrachloroethane
Concen: 48.313 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 255429
Ion Ratio Lower Upper
83 100
131 10.9 5.6 16.8
85 64.4 32.6 98.0

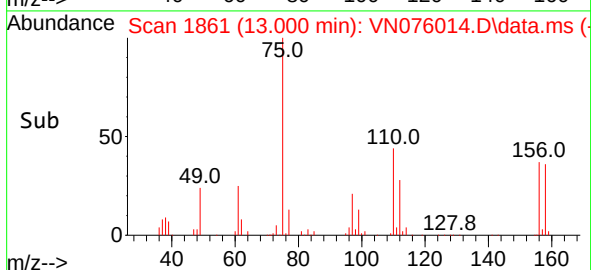
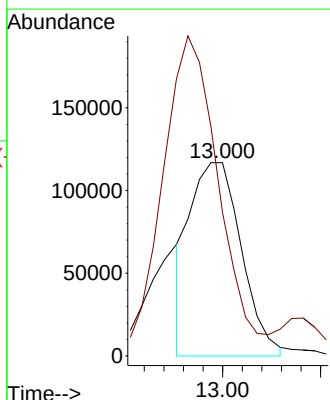
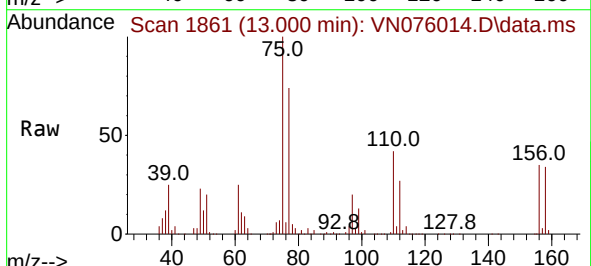
Manual Integrations
APPROVED

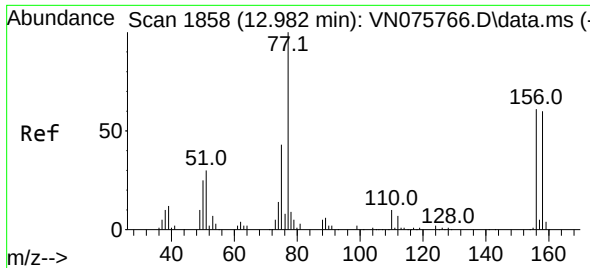
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#76
1,2,3-Trichloropropane
Concen: 44.670 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

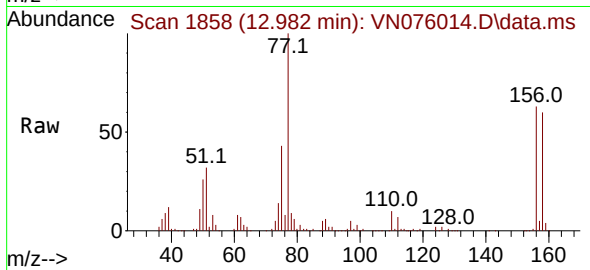
Tgt Ion: 75 Resp: 213097
Ion Ratio Lower Upper
75 100
77 181.5 82.6 247.8





#77
Bromobenzene
Concen: 48.213 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

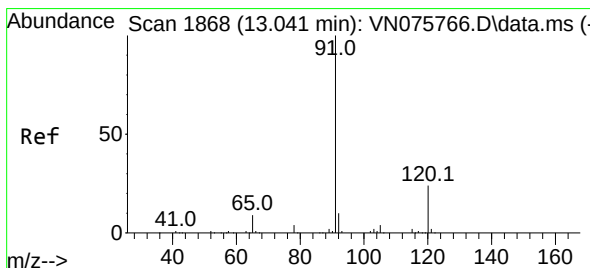
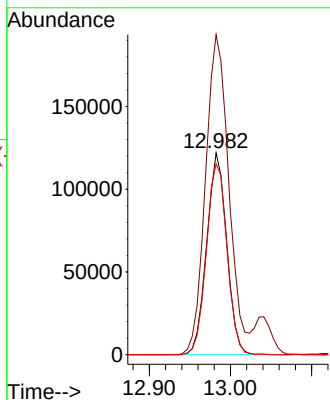
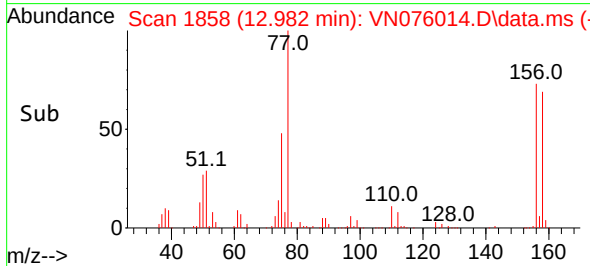
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 208672
Ion Ratio Lower Upper
156 100
77 185.3 93.8 281.3
158 97.3 48.9 146.6

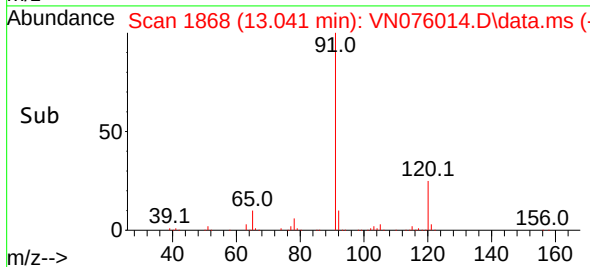
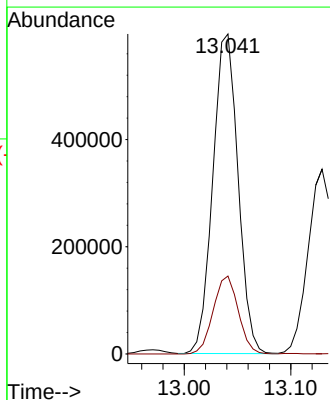
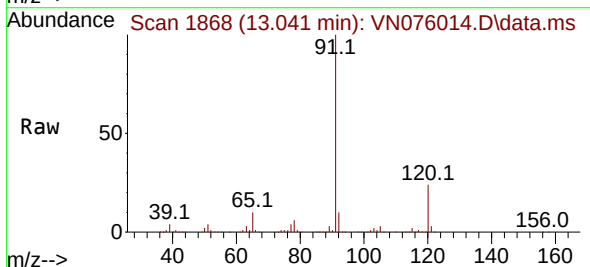
Manual Integrations
APPROVED

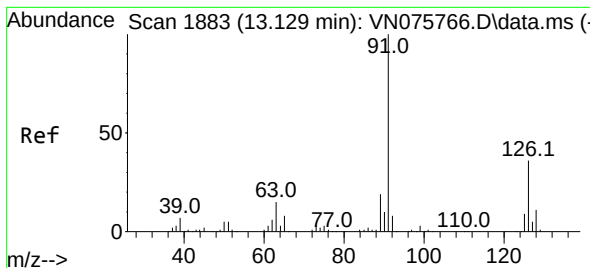
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#78
n-propylbenzene
Concen: 51.930 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Tgt Ion: 91 Resp: 979535
Ion Ratio Lower Upper
91 100
120 24.2 12.0 36.1





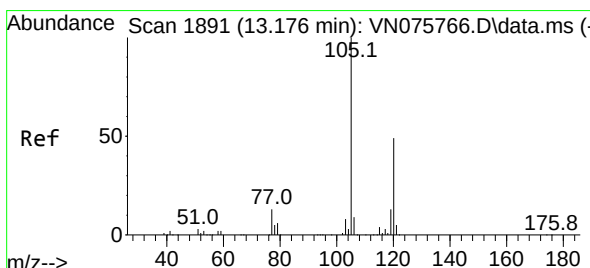
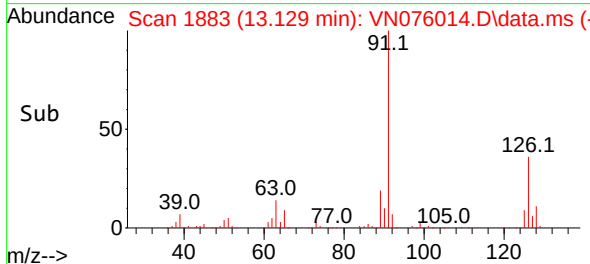
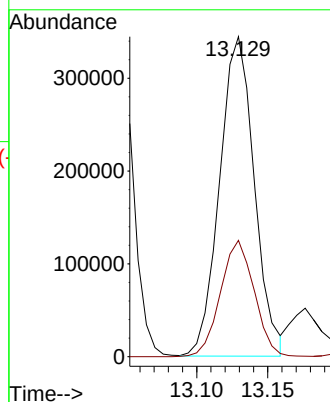
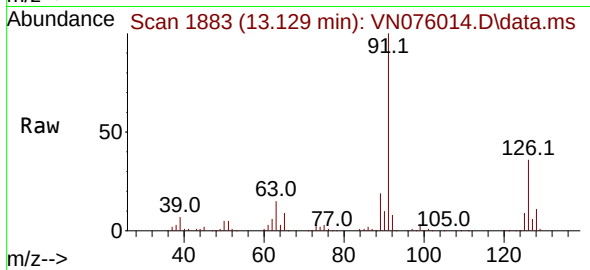
#79
2-Chlorotoluene
Concen: 49.660 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 58473
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5

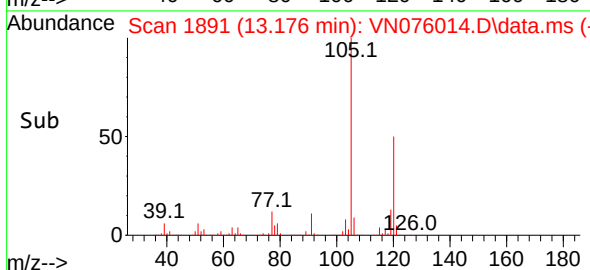
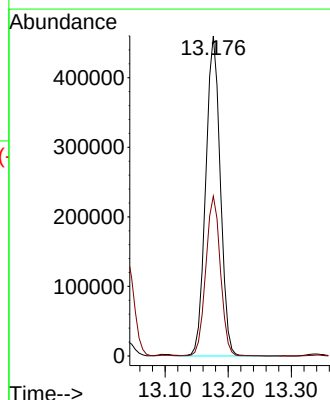
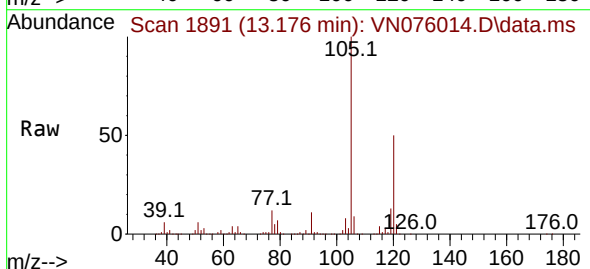
Manual Integrations
APPROVED

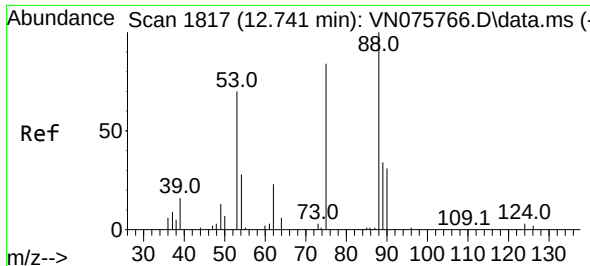
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.563 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

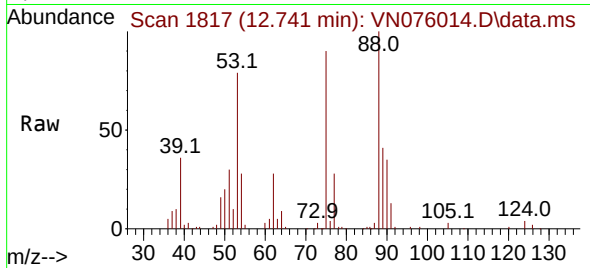
Tgt Ion:105 Resp: 738057
Ion Ratio Lower Upper
105 100
120 50.0 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 54.892 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

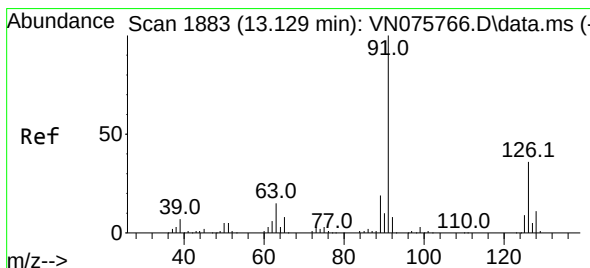
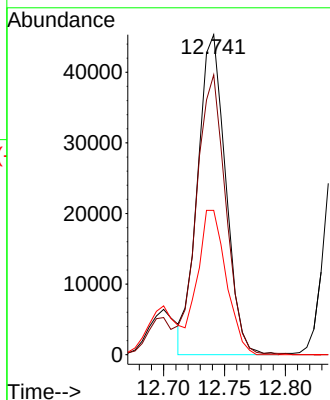
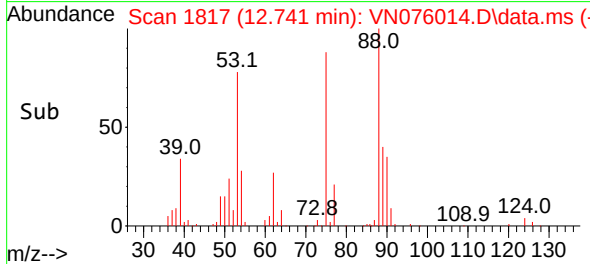
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



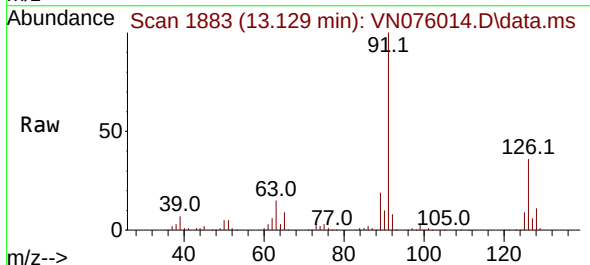
Tgt Ion: 75 Resp: 72750
Ion Ratio Lower Upper
75 100
53 92.0 73.8 110.6
89 45.5 39.5 59.3

Manual Integrations
APPROVED

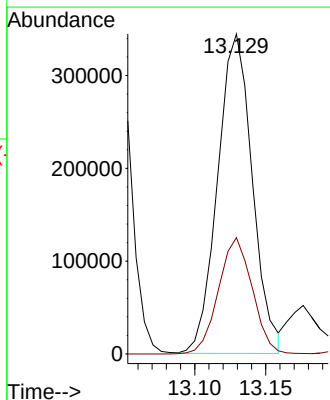
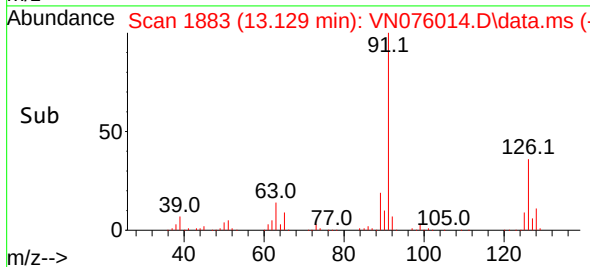
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022

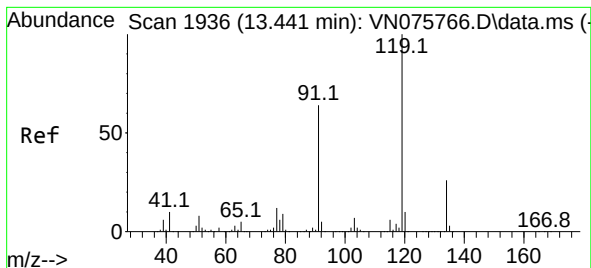


#82
4-Chlorotoluene
Concen: 49.660 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56



Tgt Ion: 91 Resp: 584733
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5





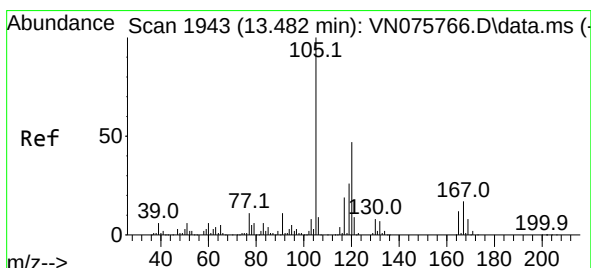
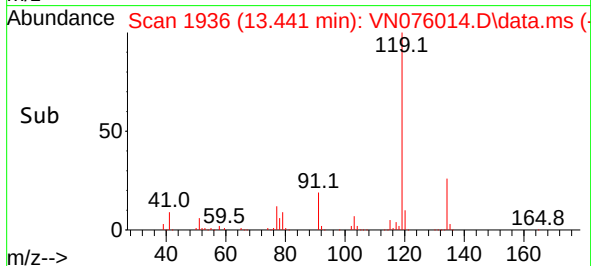
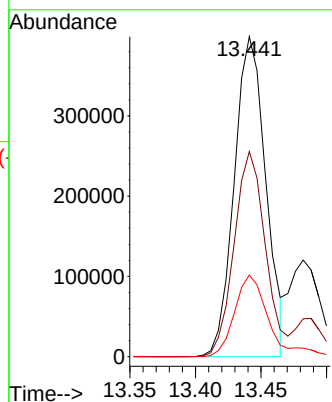
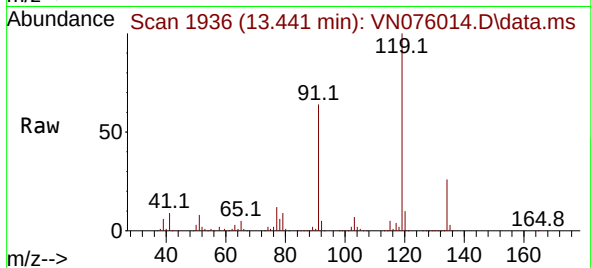
#83
tert-Butylbenzene
Concen: 52.799 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 666328
Ion Ratio Lower Upper
119 100
91 63.9 31.9 95.5
134 27.5 13.8 41.4

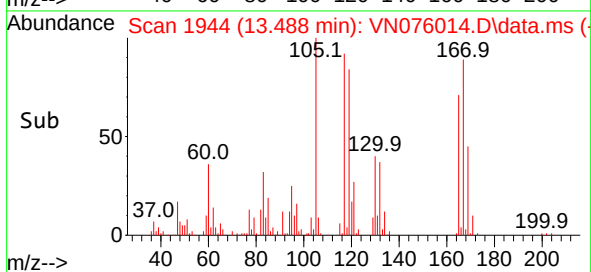
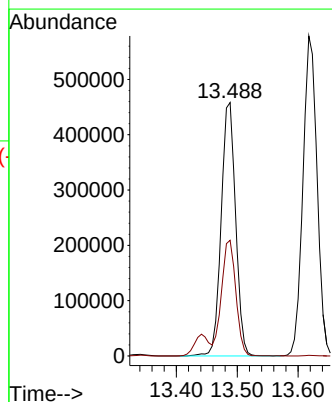
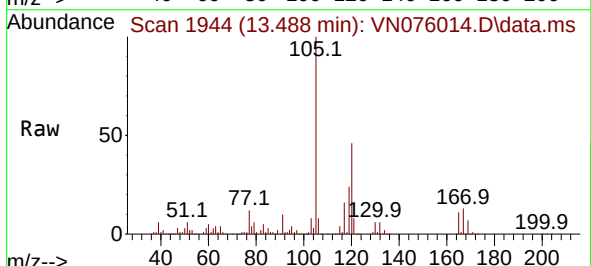
Manual Integrations
APPROVED

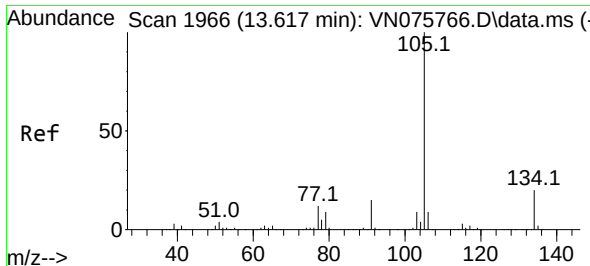
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#84
1,2,4-Trimethylbenzene
Concen: 53.186 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Tgt Ion:105 Resp: 755223
Ion Ratio Lower Upper
105 100
120 45.4 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 53.464 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076014.D
 Acq: 28 Dec 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

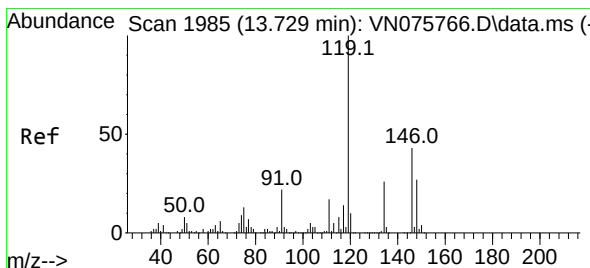
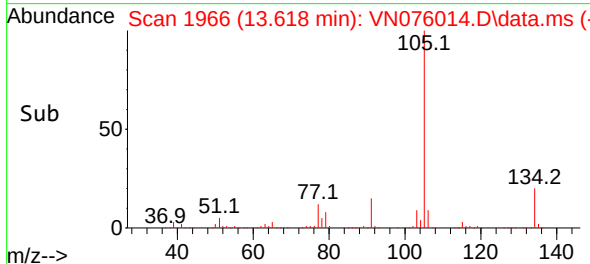
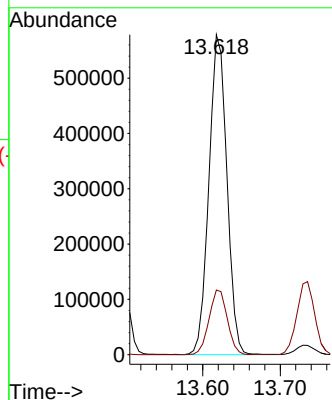
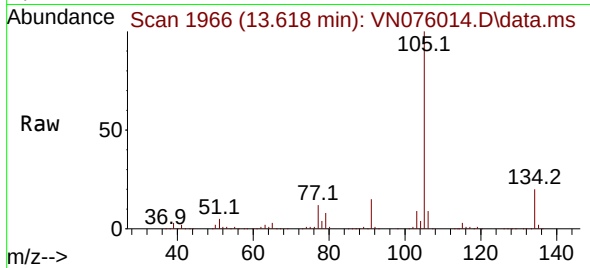
VSTDCCC050EC

Tgt Ion:105 Resp: 93127
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1

Manual Integrations

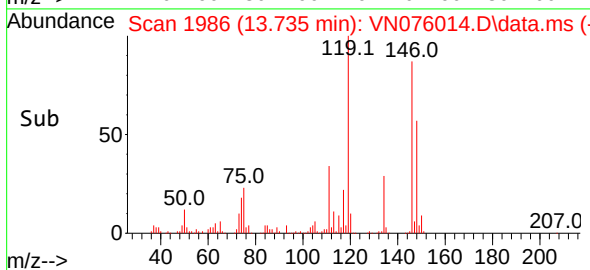
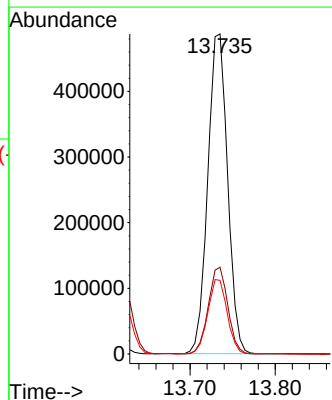
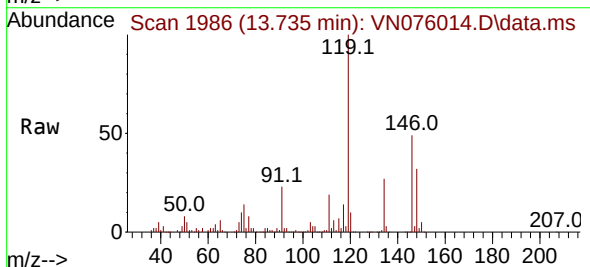
APPROVED

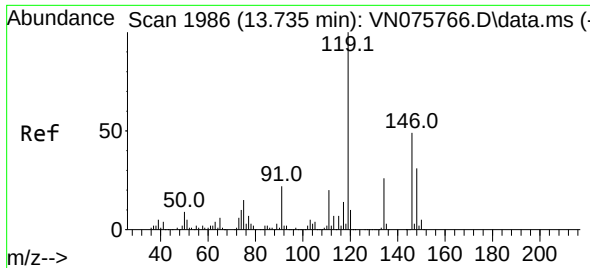
Reviewed By :Semsettin Yesilyurt 12/29/2022
 Supervised By :Mahesh Dadoda 12/31/2022



#86
 p-Isopropyltoluene
 Concen: 54.327 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076014.D
 Acq: 28 Dec 2022 20:56

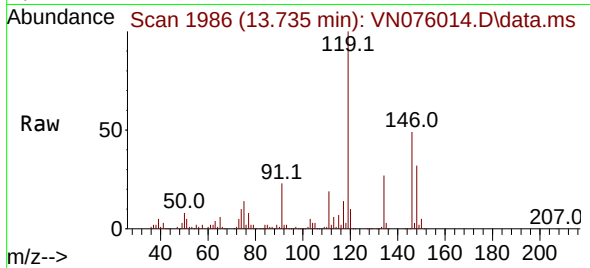
Tgt Ion:119 Resp: 787405
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.0 39.0
 91 22.8 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 49.764 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

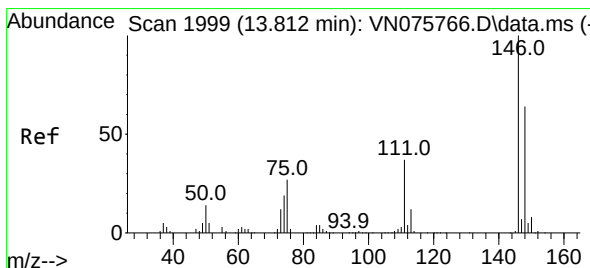
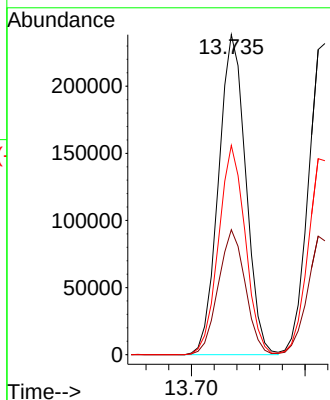
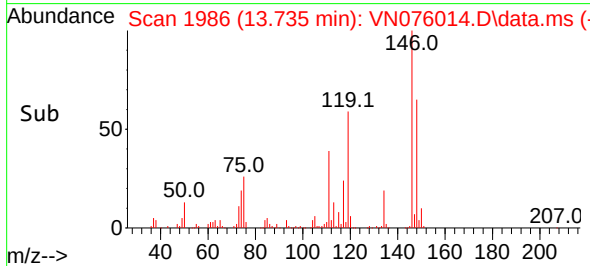
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



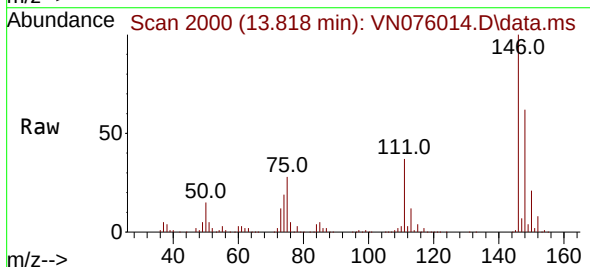
Tgt Ion:146 Resp: 397864
Ion Ratio Lower Upper
146 100
111 38.7 19.7 59.0
148 64.1 31.4 94.2

Manual Integrations
APPROVED

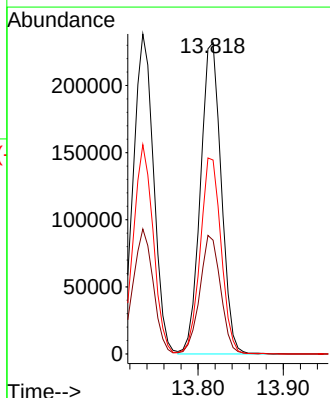
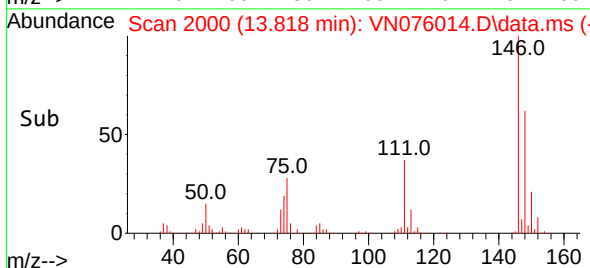
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022

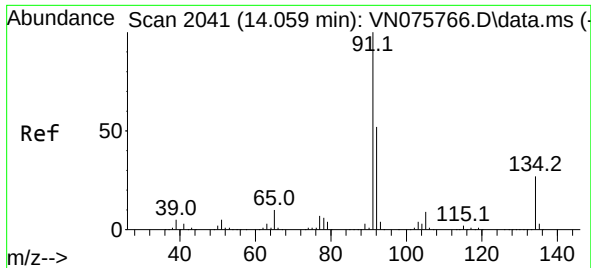


#88
1,4-Dichlorobenzene
Concen: 48.072 ug/l
RT: 13.818 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56



Tgt Ion:146 Resp: 392624
Ion Ratio Lower Upper
146 100
111 38.3 19.1 57.1
148 63.2 32.0 96.2





#89
n-Butylbenzene
Concen: 53.996 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

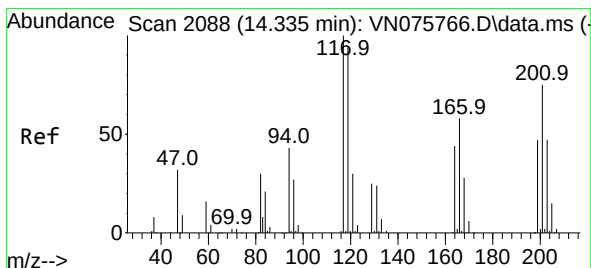
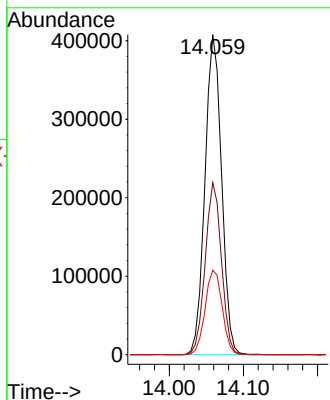
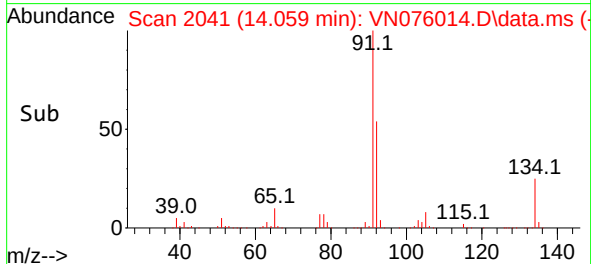
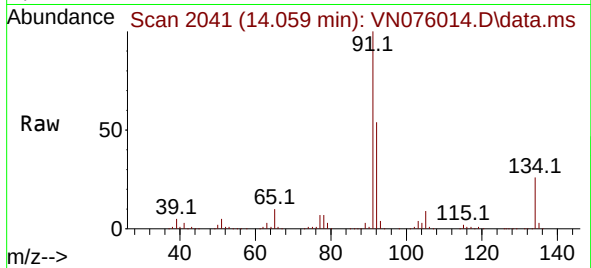
VSTDCCC050EC

Tgt Ion: 91 Resp: 634010
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.2
134 27.2 13.4 40.2

Manual Integrations

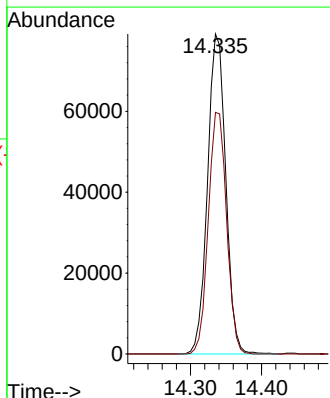
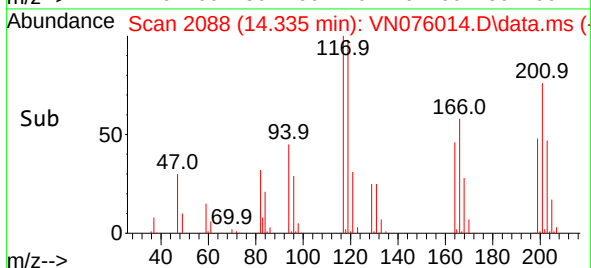
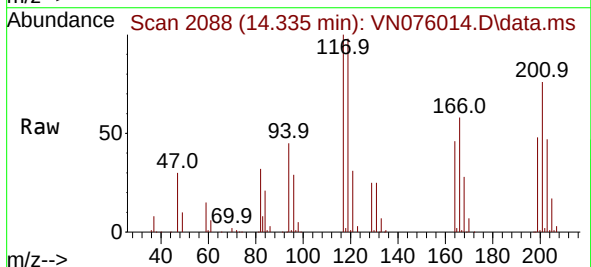
APPROVED

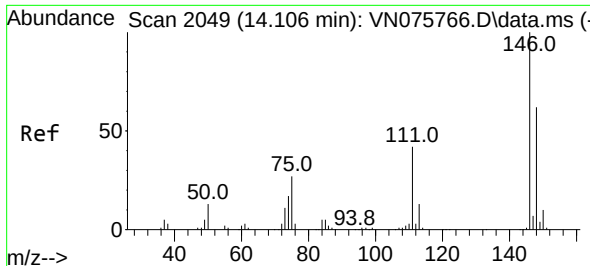
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#90
Hexachloroethane
Concen: 54.413 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

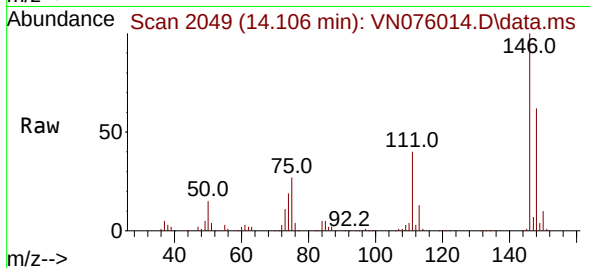
Tgt Ion:117 Resp: 141073
Ion Ratio Lower Upper
117 100
201 75.7 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 49.784 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

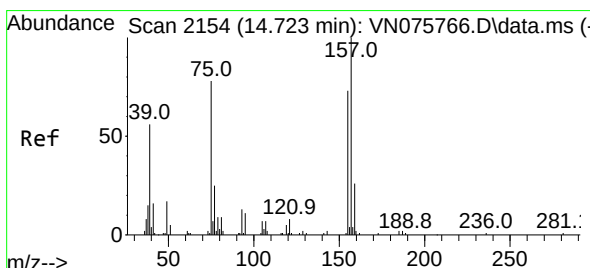
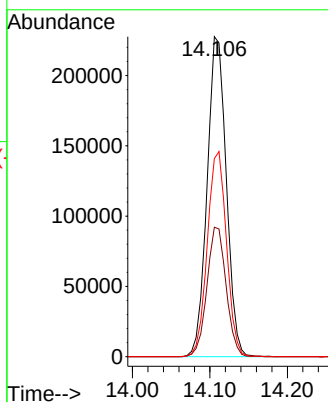
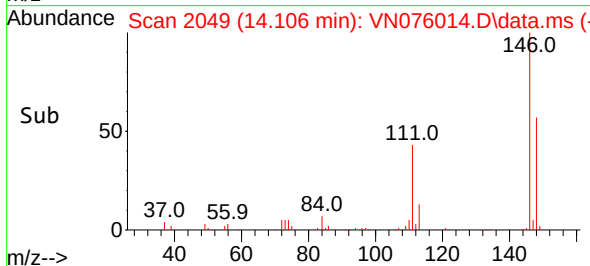
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



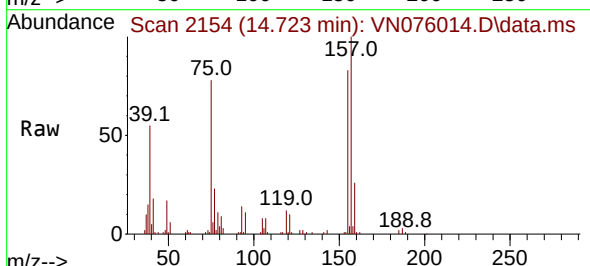
Tgt Ion:146 Resp: 39205
Ion Ratio Lower Upper
146 100
111 40.5 20.3 61.0
148 64.1 31.7 95.1

Manual Integrations
APPROVED

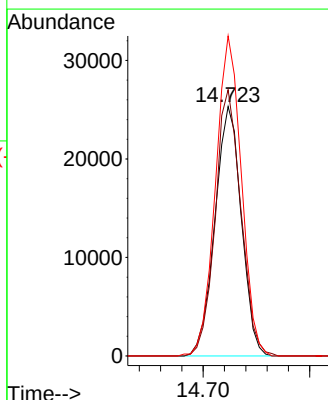
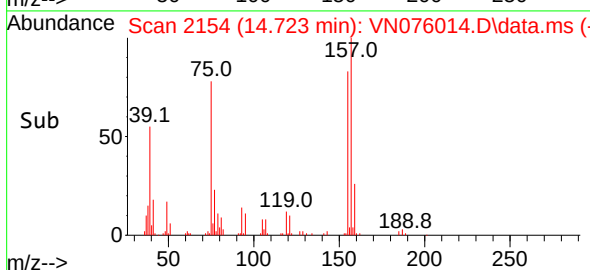
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022

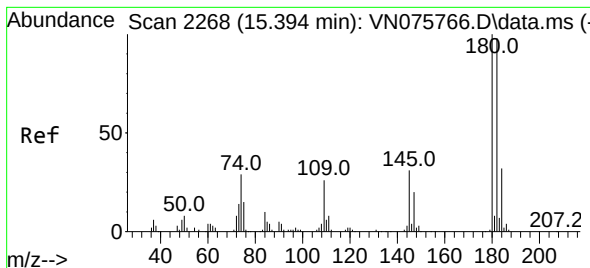


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.356 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56



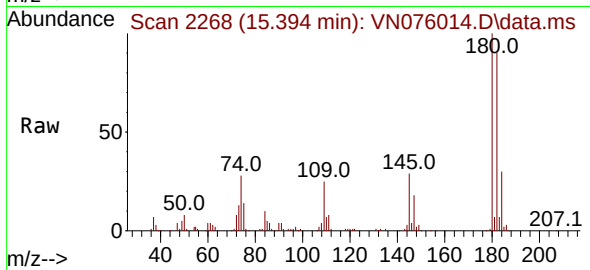
Tgt Ion: 75 Resp: 43488
Ion Ratio Lower Upper
75 100
155 103.8 49.3 147.8
157 125.4 63.7 191.3





#93
1,2,4-Trichlorobenzene
Concen: 51.442 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

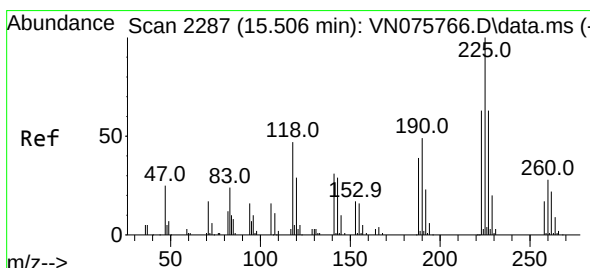
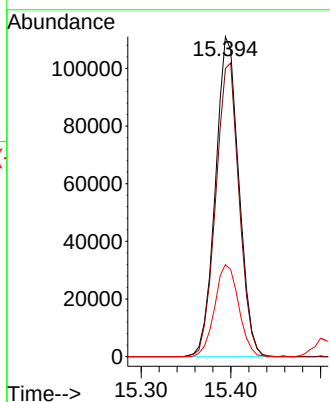
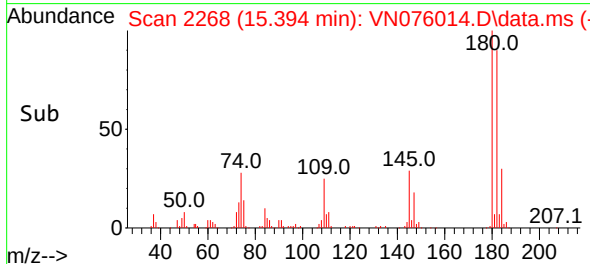
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



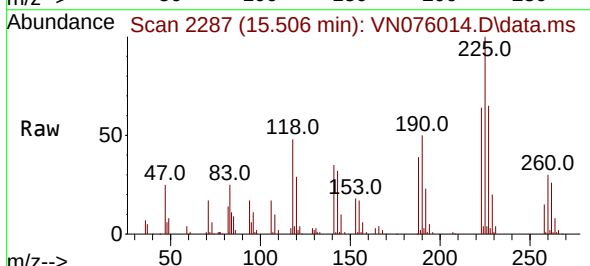
Tgt Ion:180 Resp: 20055
Ion Ratio Lower Upper
180 100
182 91.9 47.5 142.5
145 29.5 15.3 45.8

Manual Integrations
APPROVED

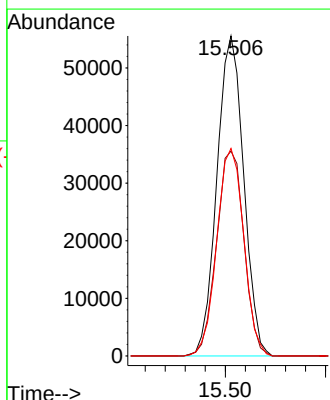
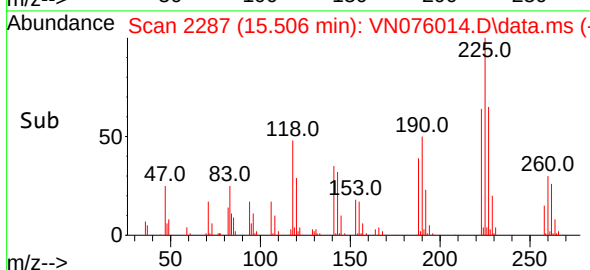
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022

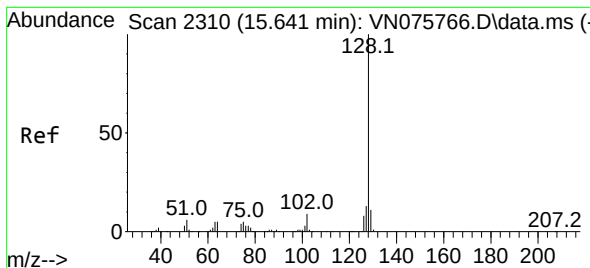


#94
Hexachlorobutadiene
Concen: 48.459 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56



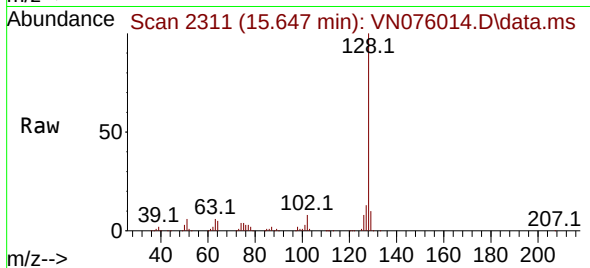
Tgt Ion:225 Resp: 103078
Ion Ratio Lower Upper
225 100
223 65.5 31.5 94.5
227 65.2 31.6 95.0





#95
Naphthalene
Concen: 47.723 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

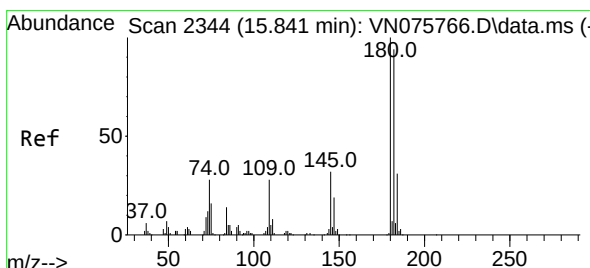
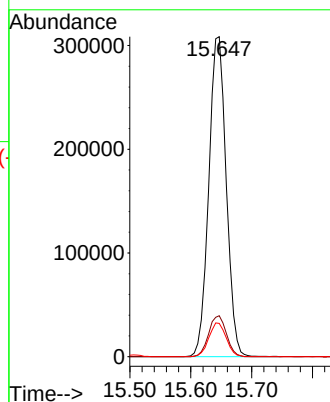
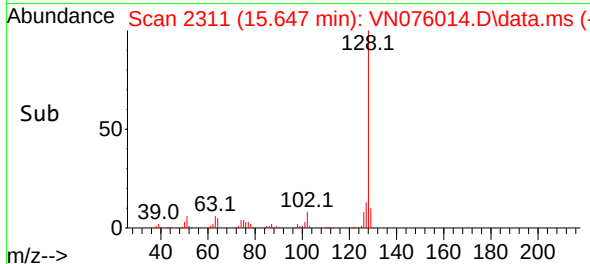
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 613330
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.465 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN076014.D
Acq: 28 Dec 2022 20:56

Tgt Ion:180 Resp: 191178
Ion Ratio Lower Upper
180 100
182 95.3 47.0 141.0
145 31.9 16.0 47.9

