

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020923\
 Data File : VN076596.D
 Acq On : 09 Feb 2023 18:38
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/10/2023
 Supervised By : Semsettin Yesilyurt 02/10/2023

Quant Time: Feb 10 05:14:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020923W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 10 05:08:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.822	128	29765	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.104	114	203121	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.868	117	220719	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.586	65	95807	27.310	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	91.033%		
60) 4-Bromofluorobenzene	12.851	95	147285	29.558	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.533%		
63) Toluene-d8	10.569	98	238361	29.412	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.033%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.140	85	417375	101.310	ug/l	98
3) Chloromethane	2.375	50	432980	87.407	ug/l	98
4) Vinyl Chloride	2.528	62	367126	84.881	ug/l	98
5) Bromomethane	2.934	94	182658	84.119	ug/l	89
6) Chloroethane	3.116	64	195221	100.280	ug/l	92
7) Trichlorofluoromethane	3.498	101	688039	93.682	ug/l	95
8) Diethyl Ether	3.969	74	240552	103.265	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.387	101	347579	98.316	ug/l	98
10) 1,1-Dichloroethene	4.351	96	332125	99.968	ug/l #	77
11) Methyl Iodide	4.598	142	492326	101.912	ug/l	85
12) Methyl Acetate	5.034	43	677091	97.117	ug/l	95
13) Acrolein	4.187	56	446177	499.643	ug/l	98
14) Acrylonitrile	5.728	53	1016252	497.531	ug/l	97
15) Acetone	4.434	58	266076	451.403	ug/l #	57
16) Carbon Disulfide	4.722	76	955077	104.601	ug/l	98
17) Allyl chloride	5.034	41	644659	100.652	ug/l	93
18) Methylene Chloride	5.287	84	374335	95.218	ug/l	86
19) trans-1,2-Dichloroethene	5.792	96	345354	101.147	ug/l	88
20) Diisopropyl ether	6.681	45	1358280	92.905	ug/l	94
21) 1,1-Dichloroethane	6.581	63	729459	91.497	ug/l	100
22) cis-1,2-Dichloroethene	7.498	96	404372	98.881	ug/l	89
23) tert-Butyl Alcohol	5.539	59	371221	541.598	ug/l #	100
24) Methyl tert-Butyl Ether	5.804	73	1243668	103.904	ug/l	94
25) Chloroform	7.975	83	738854	93.658	ug/l	97
26) Cyclohexane	8.263	56	666430	94.200	ug/l #	97
29) 1,1-Dichloropropene	8.375	75	550985	104.797	ug/l	94
30) 2-Butanone	7.492	43	1443915	508.787	ug/l	96
31) 2,2-Dichloropropane	7.498	77	593867	108.790	ug/l	94
32) 1,1,1-Trichloroethane	8.175	97	673475	103.243	ug/l	98
33) Carbon Tetrachloride	8.369	117	582712	103.538	ug/l	96
34) Benzene	8.616	78	1539511	95.298	ug/l #	91
35) Methacrylonitrile	7.786	41	341472	104.646	ug/l	90
36) 1,2-Dichloroethane	8.675	62	633823	102.313	ug/l #	95
37) Trichloroethene	9.357	130	362034	109.456	ug/l	88
38) Methylcyclohexane	9.604	83	652128	112.061	ug/l	92
39) 1,2-Dichloropropane	9.627	63	405646	105.220	ug/l	98
40) Dibromomethane	9.710	93	268290	105.782	ug/l	96
41) Bromodichloromethane	9.892	83	586780	110.034	ug/l #	98
42) Vinyl Acetate	6.616	43	4852434m	525.968	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.569	43	600669	103.810	ug/l	97
44) Isopropyl Acetate	8.692	43	995666	104.598	ug/l	99
45) 1,4-Dioxane	9.698	88	163513	2107.202	ug/l #	87
46) Methyl methacrylate	9.686	41	503889	109.789	ug/l	85
47) n-amyl Acetate	12.498	43	923292	114.112	ug/l	96
48) t-1,3-Dichloropropene	10.839	75	635189	118.328	ug/l	98
49) cis-1,3-Dichloropropene	10.316	75	669113	112.758	ug/l #	88
50) 1,1,2-Trichloroethane	11.016	97	364545	105.837	ug/l	96
51) Ethyl methacrylate	10.874	69	636742	116.422	ug/l	90
52) 1,3-Dichloropropane	11.163	76	676621	105.383	ug/l	100
53) Dibromochloromethane	11.363	129	411239	114.900	ug/l	96
54) 1,2-Dibromoethane	11.474	107	377234	108.232	ug/l	99
55) 2-Chloroethyl vinyl ether	10.163	63	1376619	551.047	ug/l	99
56) Bromoform	12.580	173	275865	119.675	ug/l	98
58) 4-Methyl-2-Pentanone	10.445	43	2992780	485.042	ug/l	97
59) 2-Hexanone	11.198	43	2240789	499.485	ug/l	94
61) Tetrachloroethene	11.104	164	285404	101.157	ug/l	98
62) Toluene	10.633	91	1615617	98.728	ug/l	98
64) Chlorobenzene	11.892	112	969365	102.256	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.963	131	362650	100.908	ug/l	98
66) Ethyl Benzene	11.968	91	1879156	104.747	ug/l	98
67) m/p-Xylenes	12.074	106	1396246	207.434	ug/l	93
68) o-Xylene	12.398	106	694401	104.715	ug/l	96
69) Styrene	12.415	104	1139425	108.251	ug/l	94
70) Isopropylbenzene	12.698	105	1851546	104.191	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.939	83	564299	91.080	ug/l	97
72) 1,2,3-Trichloropropane	12.998	75	504751m	89.460	ug/l	
73) Bromobenzene	12.980	156	389828	92.447	ug/l	95
74) n-propylbenzene	13.039	91	2275551	99.840	ug/l	99
75) 2-Chlorotoluene	13.127	91	1361087	94.934	ug/l	95
76) 1,3,5-Trimethylbenzene	13.174	105	1622879	97.796	ug/l	96
77) t-1,4-Dichloro-2-butene	12.739	75	192440	112.749	ug/l	84
78) 4-Chlorotoluene	13.221	91	1380578	95.768	ug/l	93
79) tert-butylbenzene	13.439	119	1391636	98.800	ug/l	90
80) 1,2,4-Trimethylbenzene	13.486	105	1616190	98.755	ug/l	95
81) sec-Butylbenzene	13.621	105	2010193	101.921	ug/l	99
82) p-Isopropyltoluene	13.733	119	1661002	104.811	ug/l	96
83) 1,3-Dichlorobenzene	13.739	146	780379	100.056	ug/l	97
84) 1,4-Dichlorobenzene	13.815	146	775925	99.715	ug/l	97
85) n-Butylbenzene	14.062	91	1563844	106.265	ug/l	99
86) Hexachloroethane	14.339	117	307748	100.013	ug/l	94
87) 1,2-Dichlorobenzene	14.109	146	779261	91.017	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.721	75	139371	110.353	ug/l	81
89) 1,2,4-Trichlorobenzene	15.398	180	431143	120.745	ug/l	99
90) Hexachlorobutadiene	15.503	225	194809	112.933	ug/l	98
91) Naphthalene	15.645	128	1466977	120.412	ug/l	99
92) 1,2,3-Trichlorobenzene	15.845	180	411453	115.453	ug/l	96

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

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VSTDICC100

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023

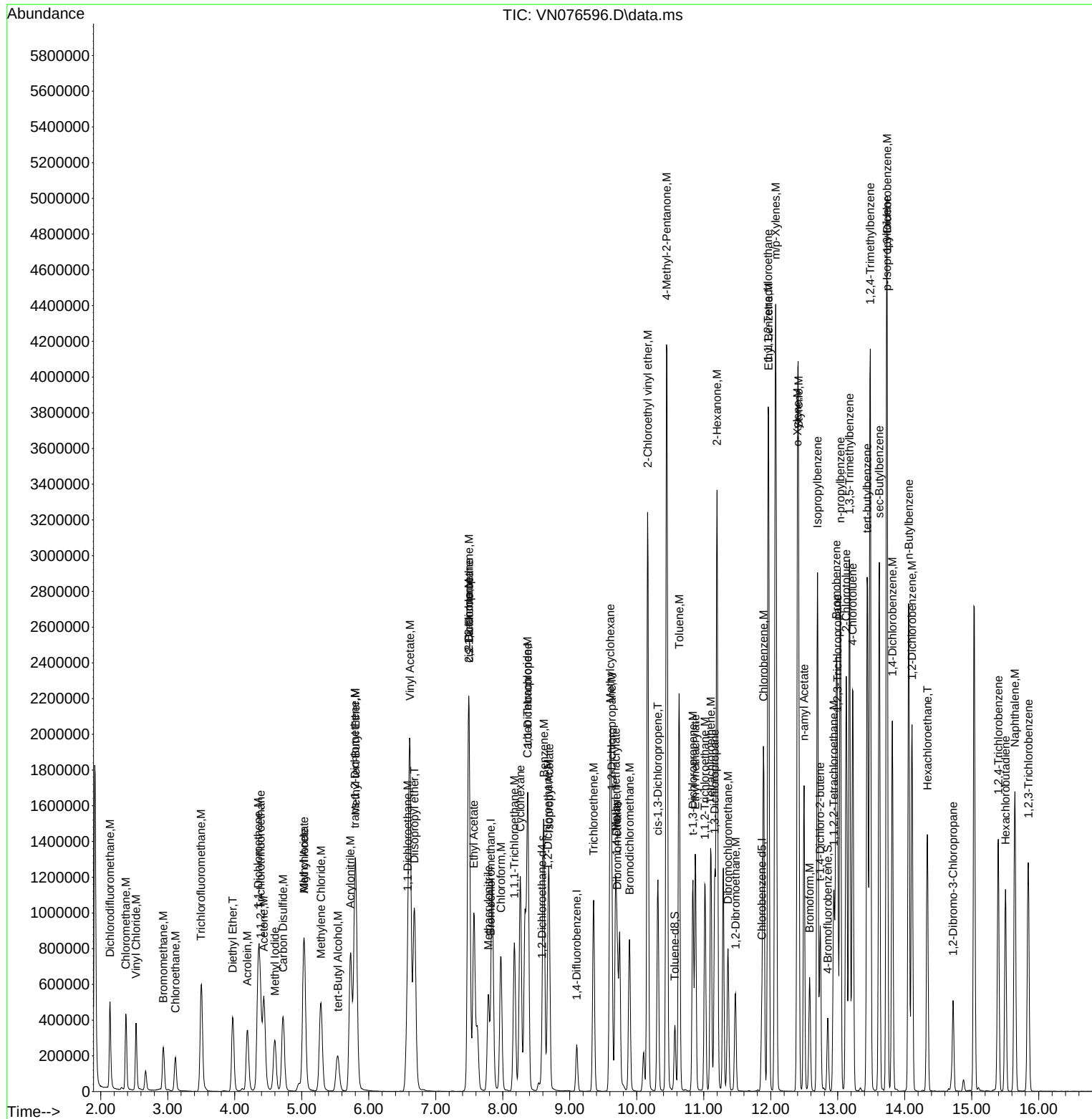
Quant Time: Feb 10 05:14:22 2023

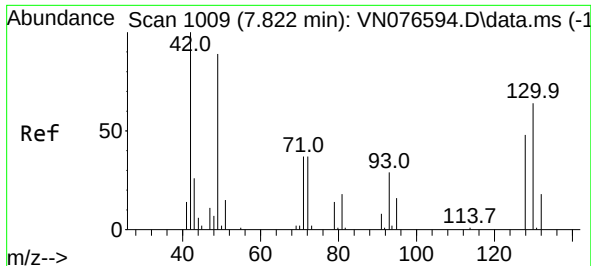
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020923W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Fri Feb 10 05:08:19 2023

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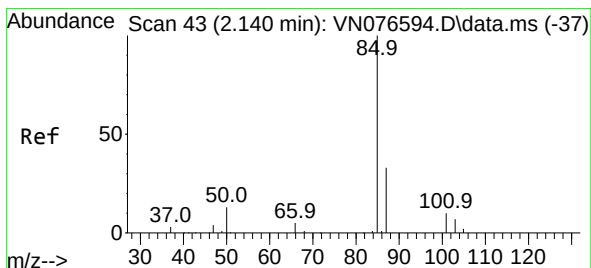
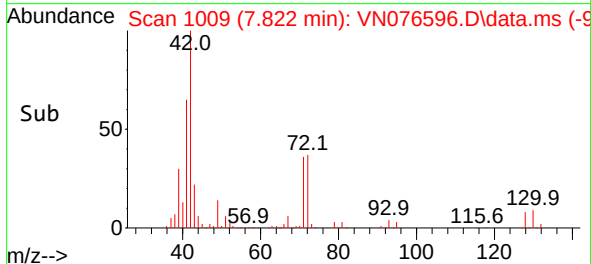
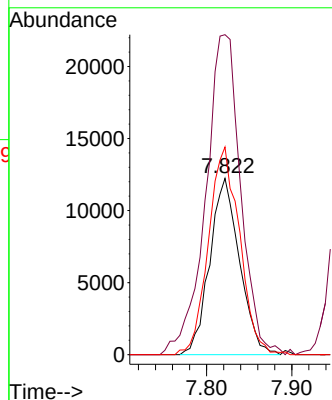
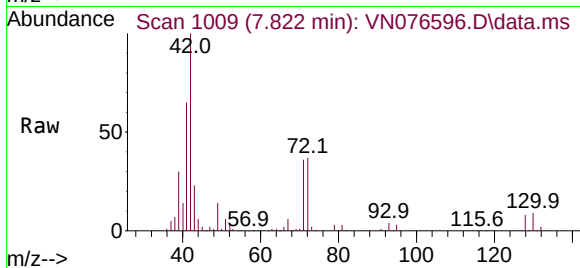
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.822 min Scan# 1009
Delta R.T. -0.008 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 2976
Ion Ratio Lower Upper
128 100
49 213.0 0.0 492.0
130 122.5 0.0 313.3

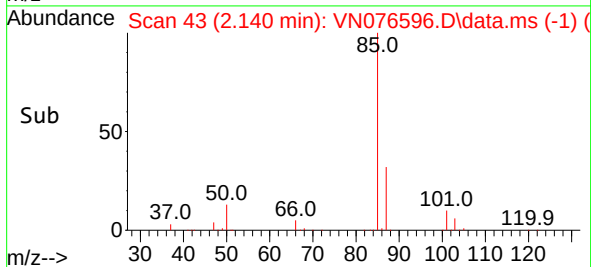
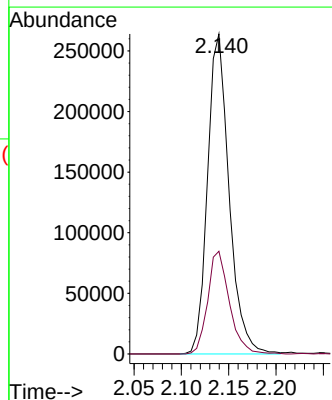
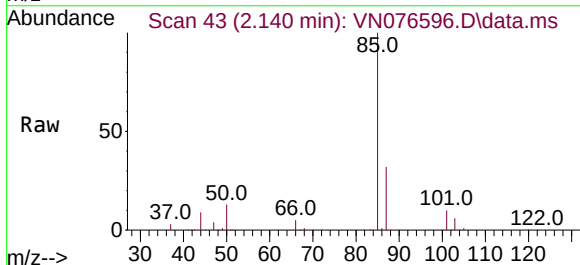
Manual Integrations
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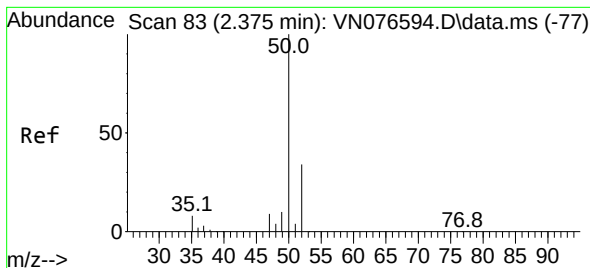
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#2
Dichlorodifluoromethane
Concen: 101.310 ug/l
RT: 2.140 min Scan# 43
Delta R.T. -0.008 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

Tgt Ion: 85 Resp: 417375
Ion Ratio Lower Upper
85 100
87 32.1 16.7 50.1





#3

Chloromethane

Concen: 87.407 ug/l

RT: 2.375 min Scan# 81

Delta R.T. -0.008 min

Lab File: VN076596.D

Acq: 09 Feb 2023 18:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 50 Resp: 432980

Ion Ratio Lower Upper

50 100

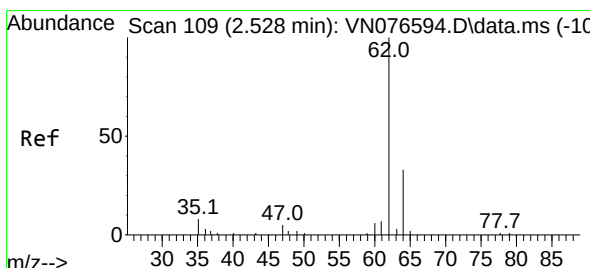
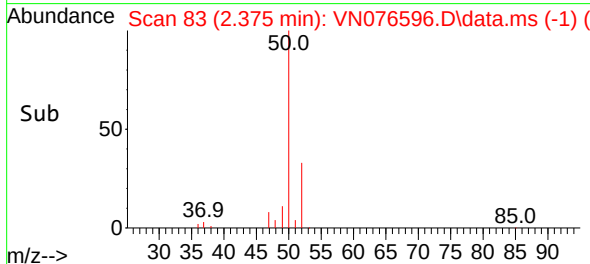
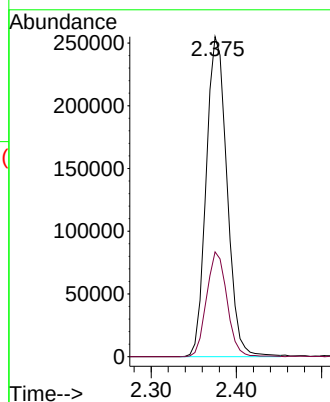
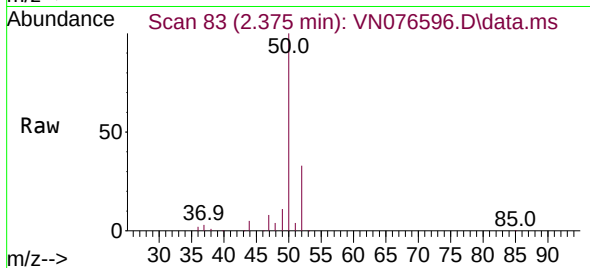
52 32.8 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 02/10/2023

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#4

Vinyl Chloride

Concen: 84.881 ug/l

RT: 2.528 min Scan# 109

Delta R.T. -0.002 min

Lab File: VN076596.D

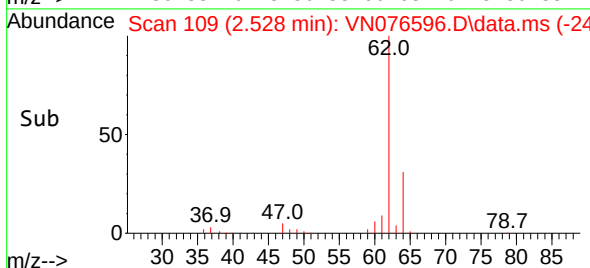
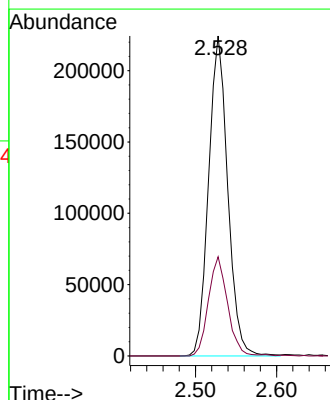
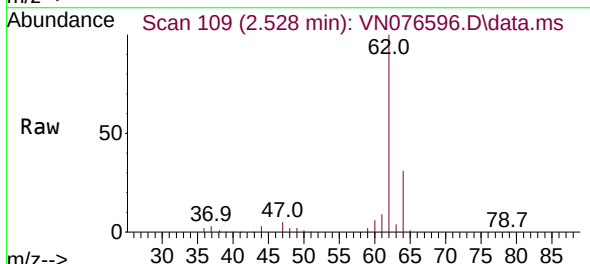
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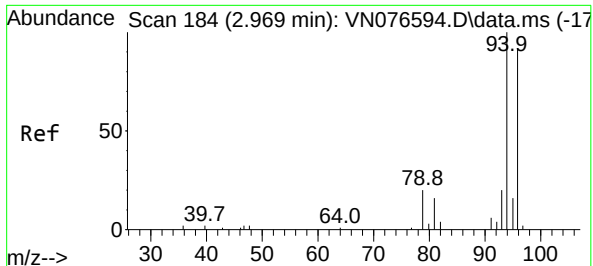
Tgt Ion: 62 Resp: 367126

Ion Ratio Lower Upper

62 100

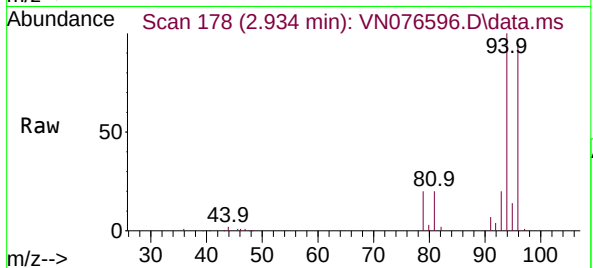
64 31.0 25.6 38.4





#5
Bromomethane
Concen: 84.119 ug/l
RT: 2.934 min Scan# 11
Delta R.T. -0.014 min
Lab File: VN076596.D
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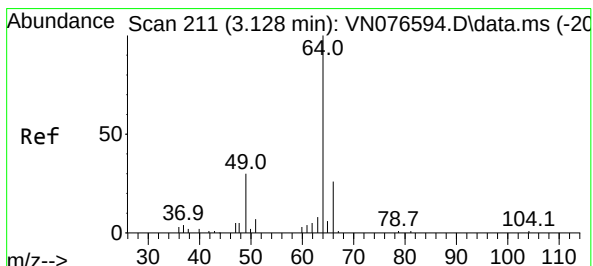
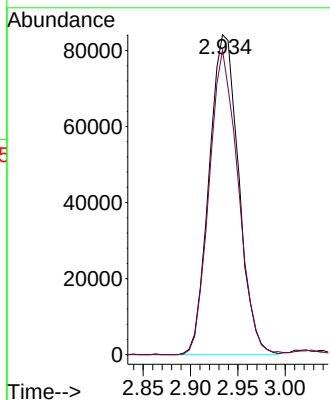
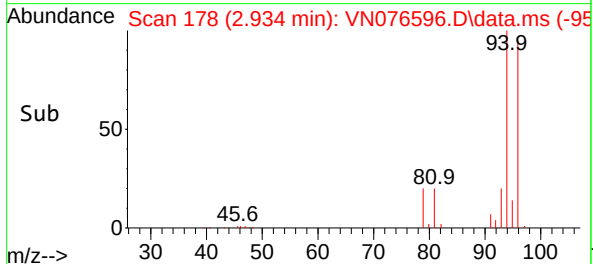
Instrument :
MSVOA_N
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VSTDICC100



Tgt Ion: 94 Resp: 182658
Ion Ratio Lower Upper
94 100
96 95.2 68.3 102.5

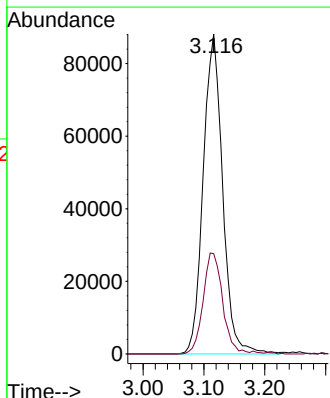
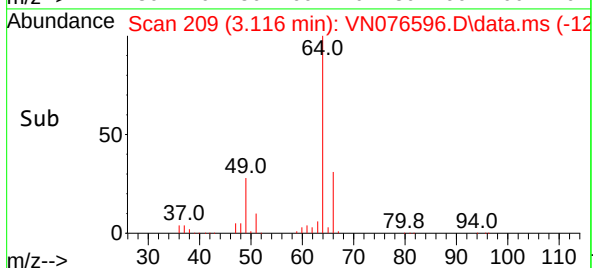
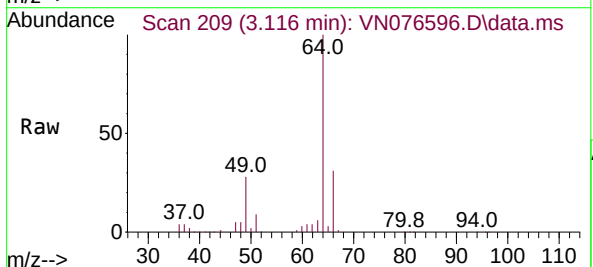
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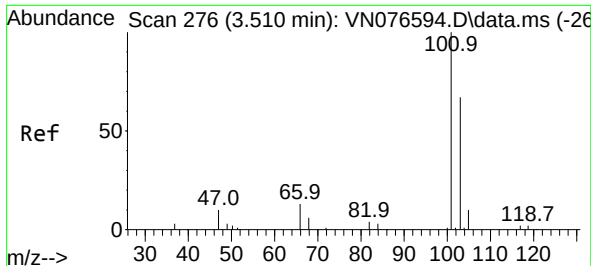
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#6
Chloroethane
Concen: 100.280 ug/l
RT: 3.116 min Scan# 209
Delta R.T. -0.008 min
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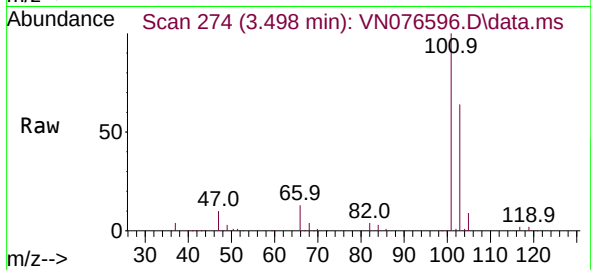
Tgt Ion: 64 Resp: 195221
Ion Ratio Lower Upper
64 100
66 31.4 21.8 32.8





#7
Trichlorofluoromethane
Concen: 93.682 ug/l
RT: 3.498 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN076596.D
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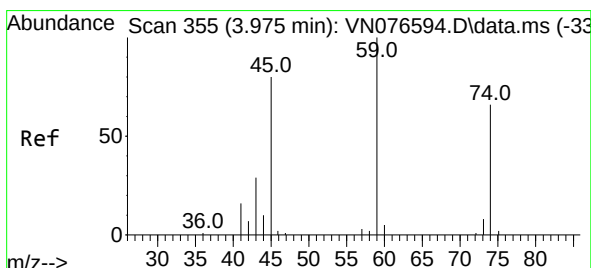
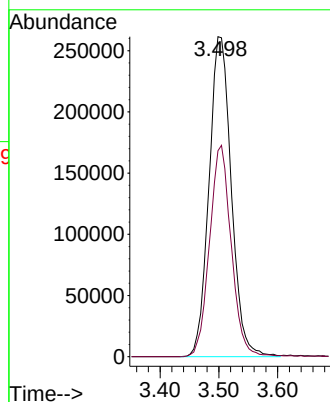
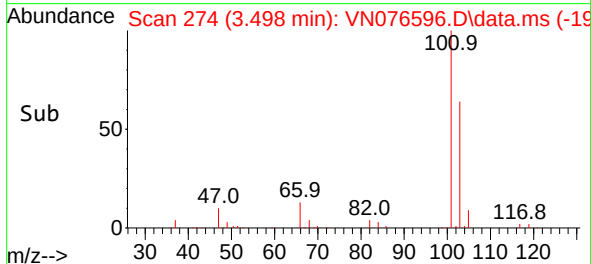
Instrument :
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ClientSampleId :
VSTDIC100



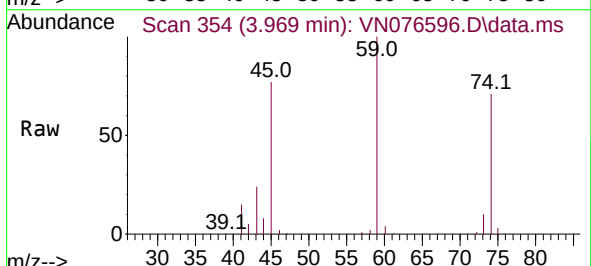
Tgt Ion:101 Resp: 688039
Ion Ratio Lower Upper
101 100
103 64.4 54.8 82.2

Manual Integrations
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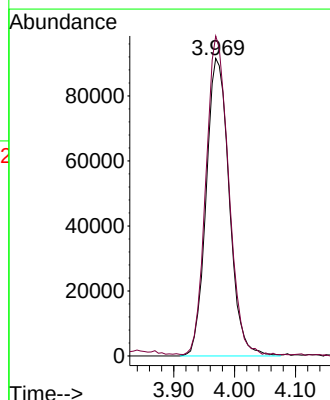
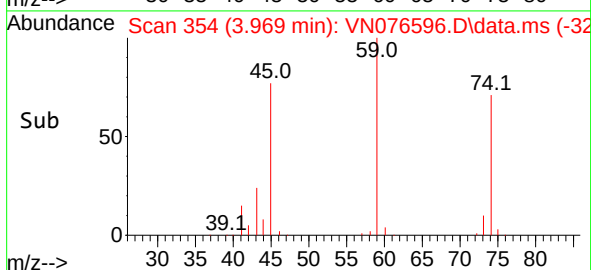
Reviewed By :John Carlone 02/10/2023
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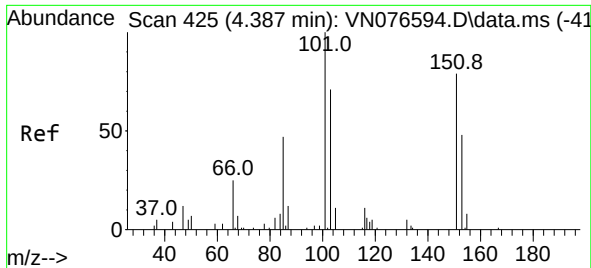


#8
Diethyl Ether
Concen: 103.265 ug/l
RT: 3.969 min Scan# 354
Delta R.T. -0.020 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38



Tgt Ion: 74 Resp: 240552
Ion Ratio Lower Upper
74 100
45 105.9 19.0 171.0





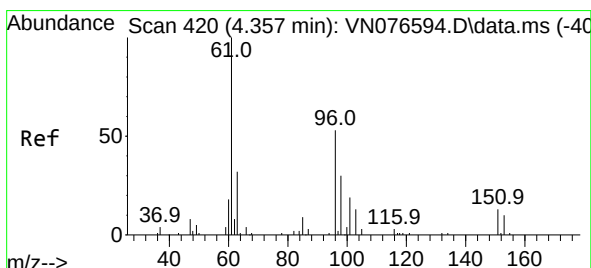
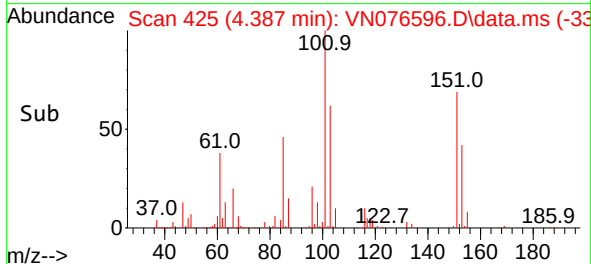
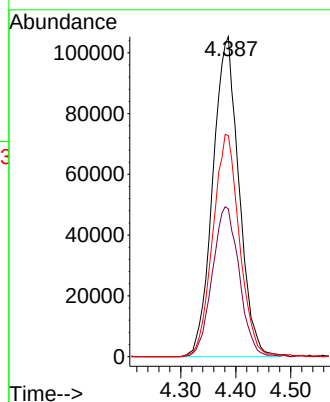
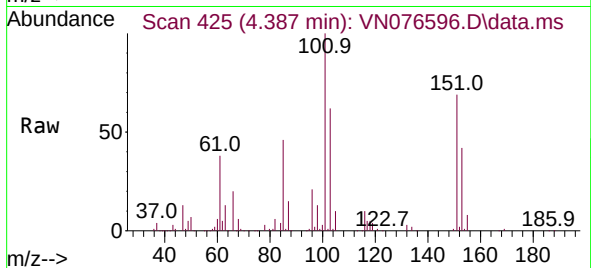
#9
1,1,2-Trichlorotrifluoroethane
Concen: 98.316 ug/l
RT: 4.387 min Scan# 419
Delta R.T. 0.004 min
Lab File: VN076596.D
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VSTDICC100

Tgt Ion:101 Resp: 347579
Ion Ratio Lower Upper
101 100
85 48.0 0.0 94.6
151 70.4 0.0 144.8

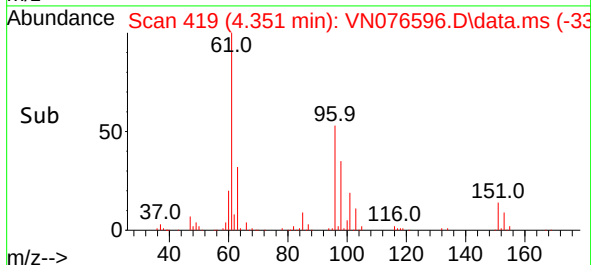
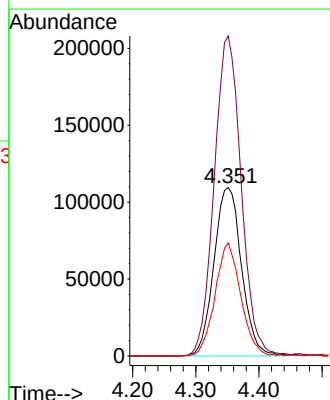
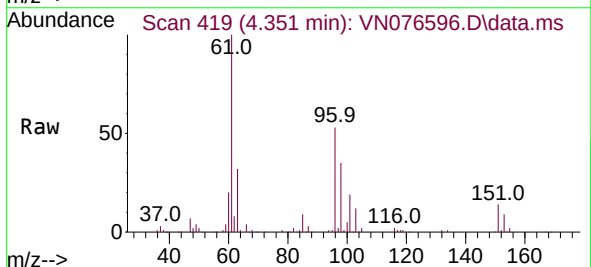
Manual Integrations
APPROVED

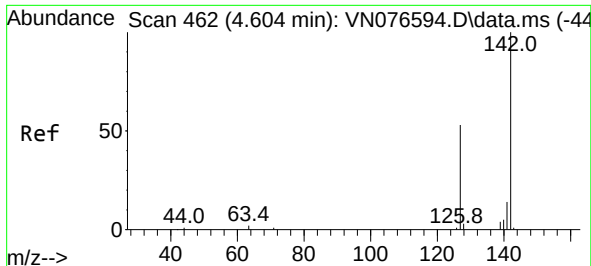
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#10
1,1-Dichloroethene
Concen: 99.968 ug/l
RT: 4.351 min Scan# 419
Delta R.T. -0.008 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

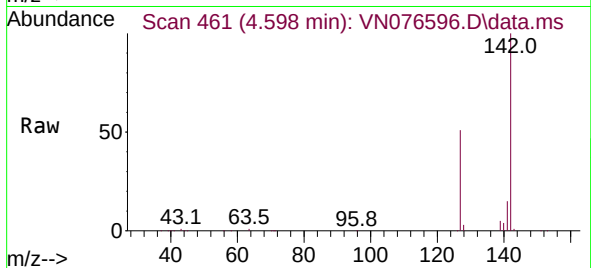
Tgt Ion: 96 Resp: 332125
Ion Ratio Lower Upper
96 100
61 190.0 125.5 188.3#
98 67.1 45.0 67.4





#11
Methyl Iodide
Concen: 101.912 ug/l
RT: 4.598 min Scan# 461
Delta R.T. -0.014 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

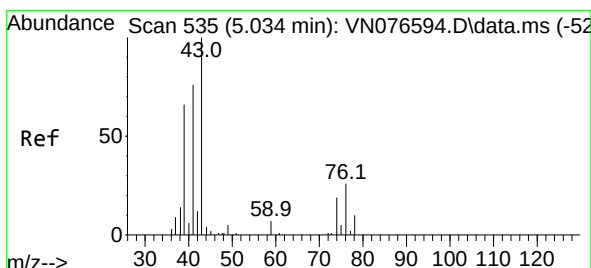
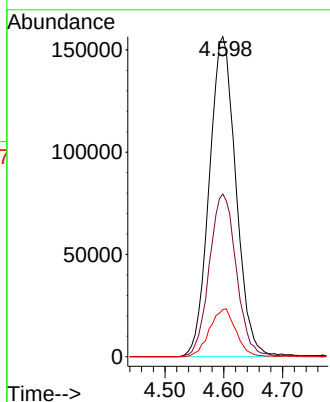
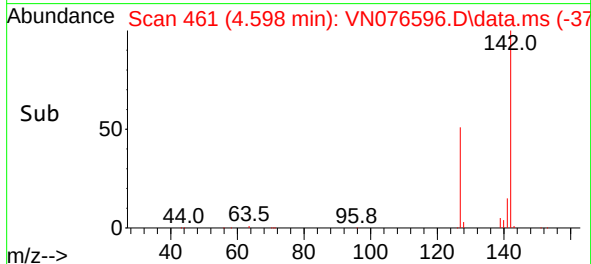
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:142 Resp: 492320
Ion Ratio Lower Upper
142 100
127 50.8 19.3 57.8
141 14.7 7.7 23.1

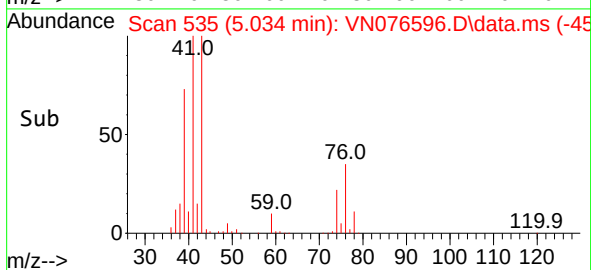
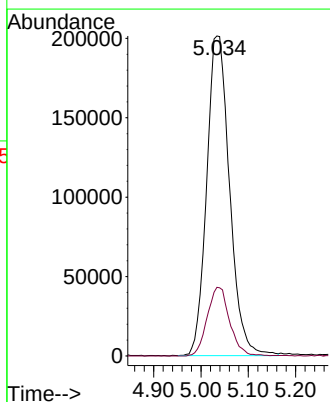
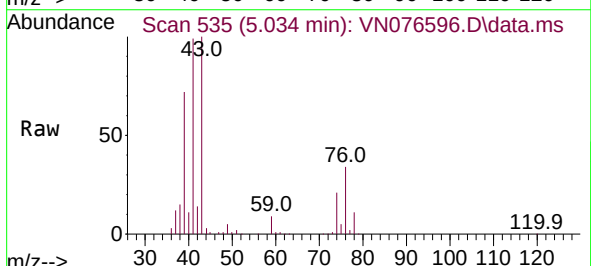
Manual Integrations
APPROVED

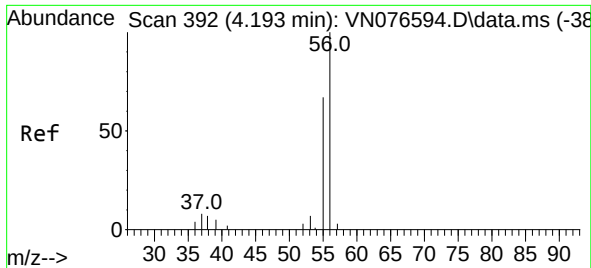
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#12
Methyl Acetate
Concen: 97.117 ug/l
RT: 5.034 min Scan# 535
Delta R.T. -0.014 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

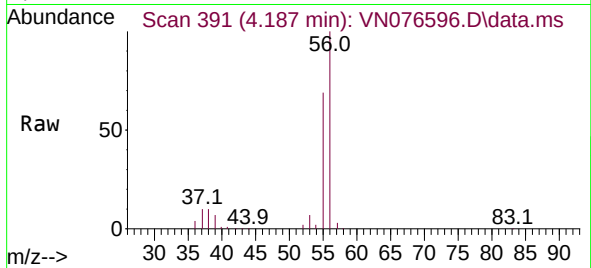
Tgt Ion: 43 Resp: 677091
Ion Ratio Lower Upper
43 100
74 21.5 19.0 28.6





#13
Acrolein
Concen: 499.643 ug/l
RT: 4.187 min Scan# 391
Delta R.T. -0.019 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

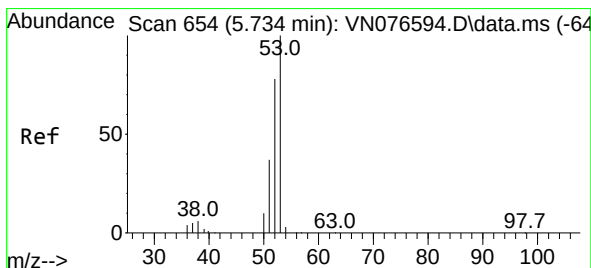
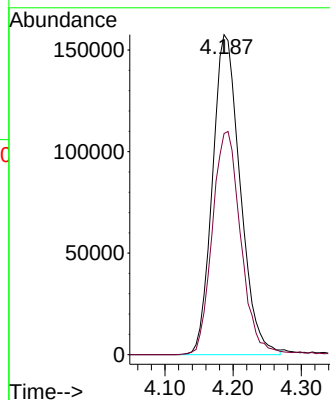
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



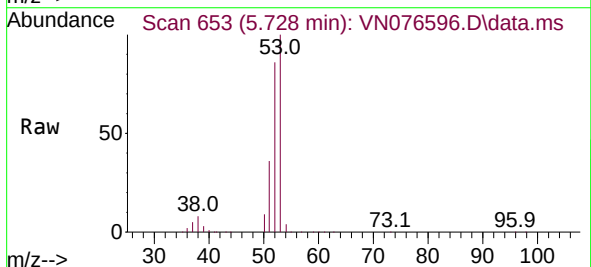
Tgt Ion: 56 Resp: 44617
Ion Ratio Lower Upper
56 100
55 71.4 56.2 84.2

Manual Integrations
APPROVED

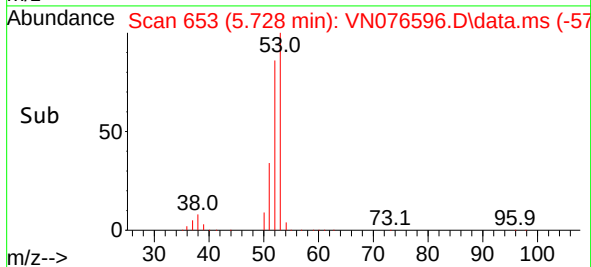
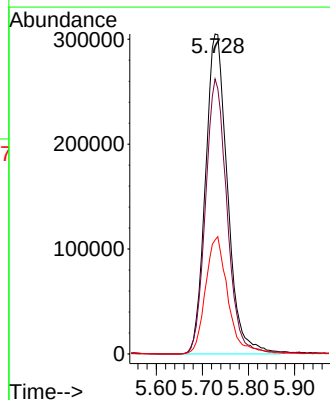
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

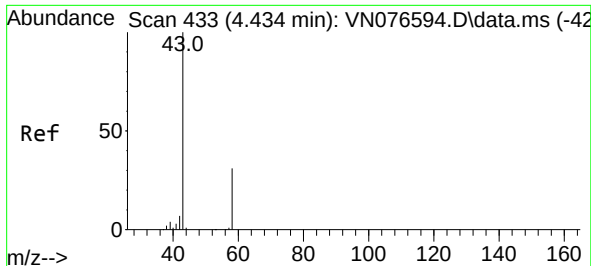


#14
Acrylonitrile
Concen: 497.531 ug/l
RT: 5.728 min Scan# 653
Delta R.T. -0.014 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38



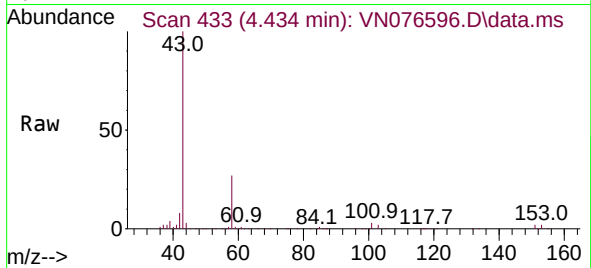
Tgt Ion: 53 Resp: 1016252
Ion Ratio Lower Upper
53 100
52 83.7 40.8 122.4
51 37.2 17.0 51.0





#15
Acetone
Concen: 451.403 ug/l
RT: 4.434 min Scan# 41
Delta R.T. -0.019 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

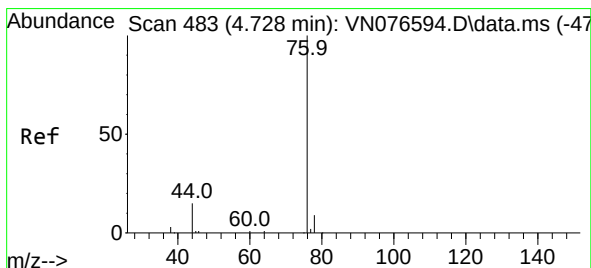
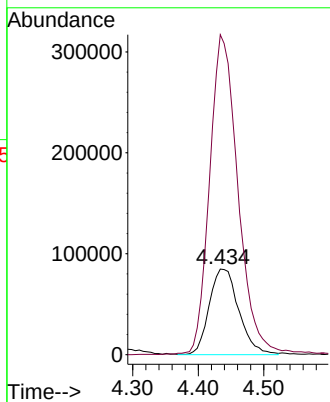
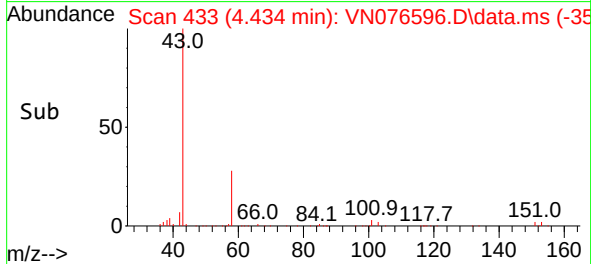
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 58 Resp: 266070
Ion Ratio Lower Upper
58 100
43 372.6 232.2 348.4

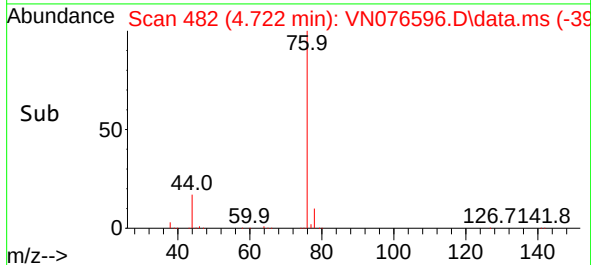
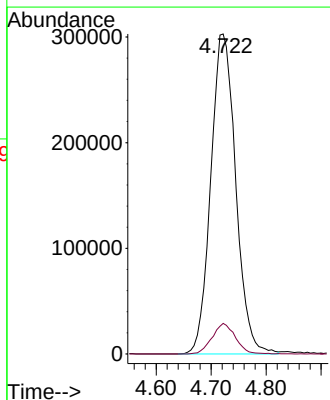
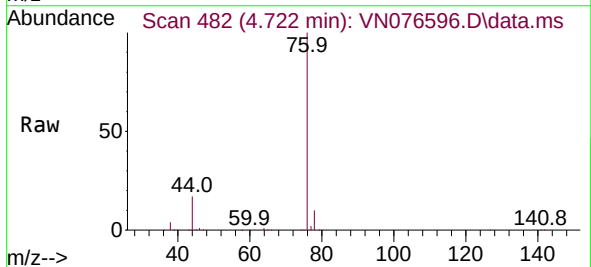
Manual Integrations
APPROVED

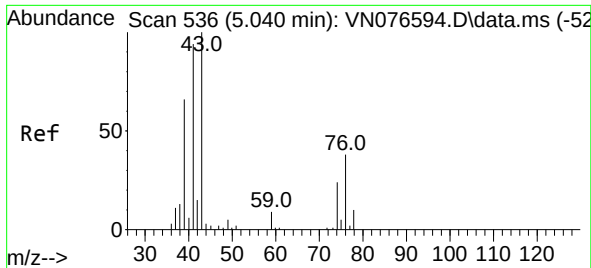
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#16
Carbon Disulfide
Concen: 104.601 ug/l
RT: 4.722 min Scan# 482
Delta R.T. -0.014 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

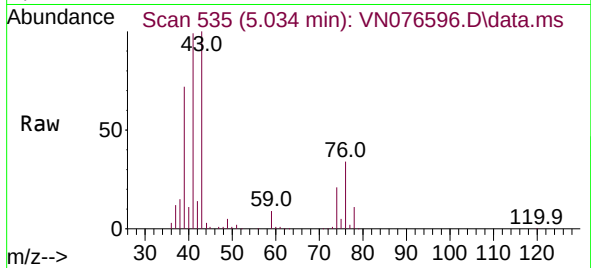
Tgt Ion: 76 Resp: 955077
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8





#17
 Allyl chloride
 Concen: 100.652 ug/l
 RT: 5.034 min Scan# 51
 Delta R.T. -0.008 min
 Lab File: VN076596.D
 Acq: 09 Feb 2023 18:38

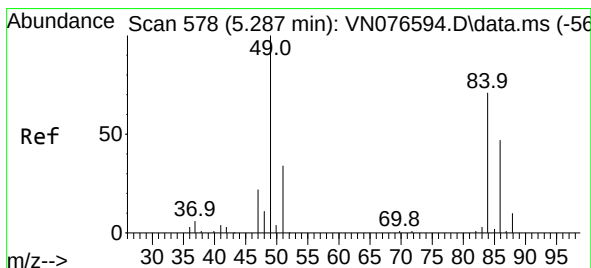
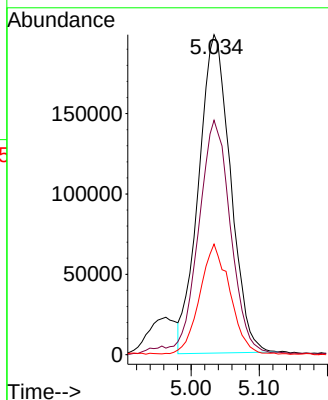
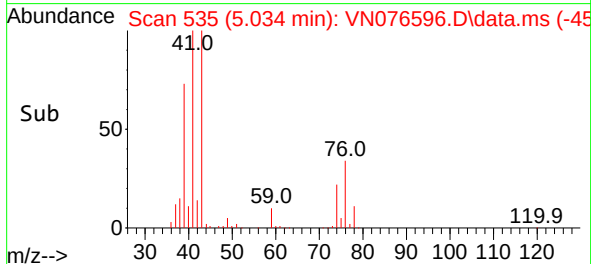
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



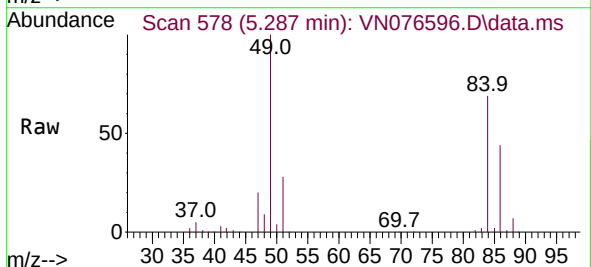
Tgt Ion: 41 Resp: 644659
 Ion Ratio Lower Upper
 41 100
 39 73.1 39.1 117.5
 76 34.6 19.8 59.4

Manual Integrations
 APPROVED

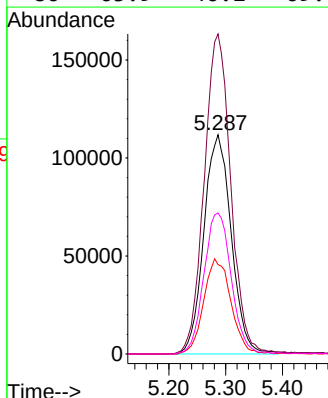
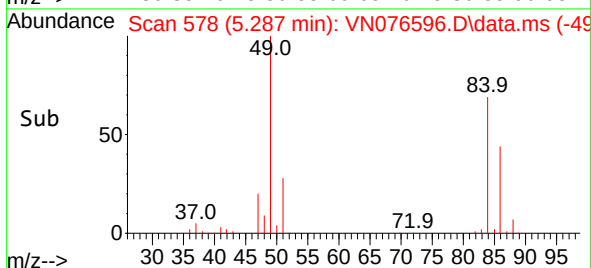
Reviewed By :John Carlone 02/10/2023
 Supervised By :Semsettin Yesilyurt 02/10/2023

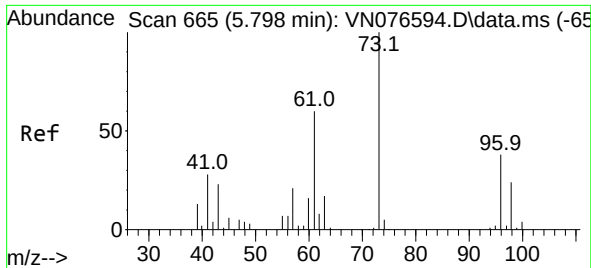


#18
 Methylene Chloride
 Concen: 95.218 ug/l
 RT: 5.287 min Scan# 578
 Delta R.T. -0.013 min
 Lab File: VN076596.D
 Acq: 09 Feb 2023 18:38



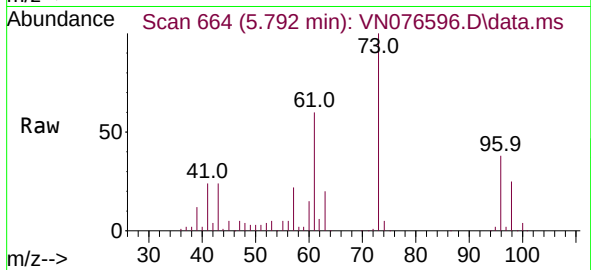
Tgt Ion: 84 Resp: 374335
 Ion Ratio Lower Upper
 84 100
 49 145.2 99.6 149.4
 51 40.5 28.2 42.2
 86 63.9 46.2 69.4





#19
trans-1,2-Dichloroethene
Concen: 101.147 ug/l
RT: 5.792 min Scan# 61
Delta R.T. -0.020 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

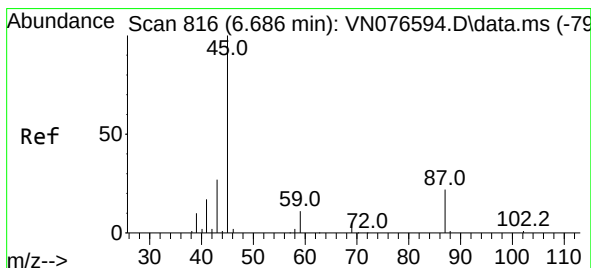
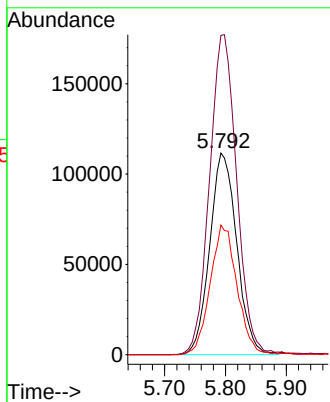
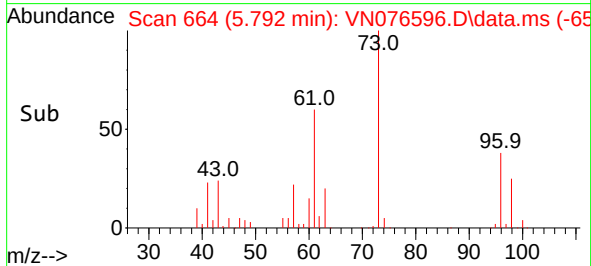
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



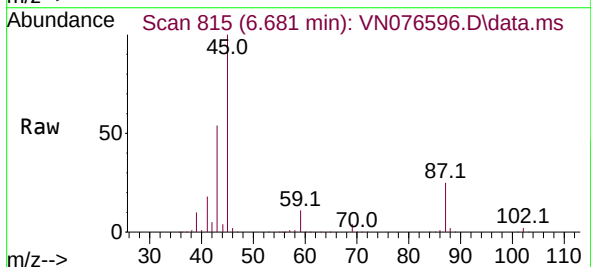
Tgt Ion: 96 Resp: 345354
Ion Ratio Lower Upper
96 100
61 158.2 110.2 165.4
98 64.3 50.0 75.0

Manual Integrations
APPROVED

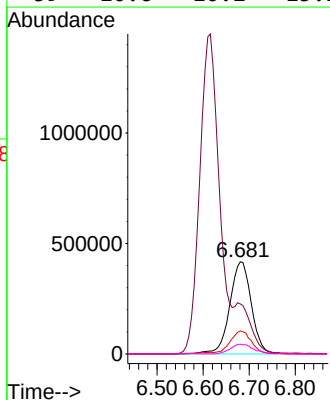
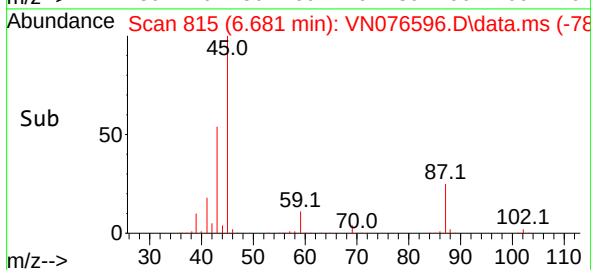
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

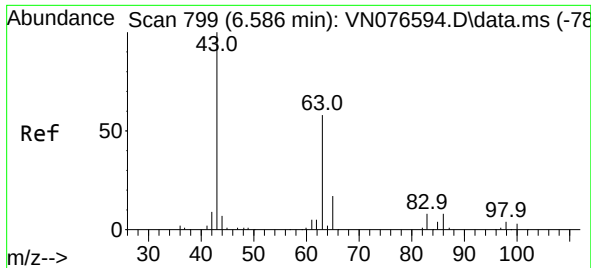


#20
Diisopropyl ether
Concen: 92.905 ug/l
RT: 6.681 min Scan# 815
Delta R.T. -0.013 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38



Tgt Ion: 45 Resp: 1358280
Ion Ratio Lower Upper
45 100
43 53.9 47.3 70.9
87 24.8 21.8 32.8
59 10.6 10.2 15.2





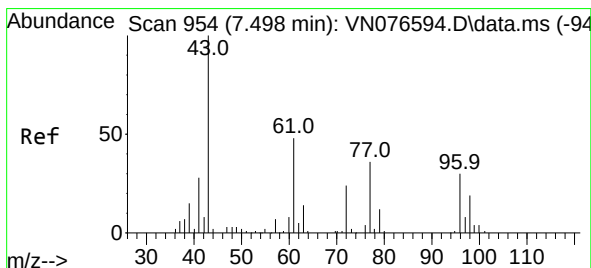
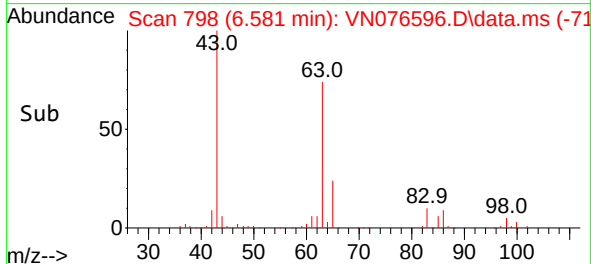
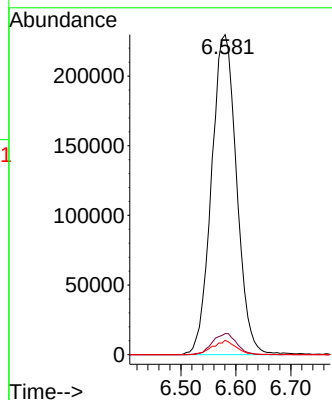
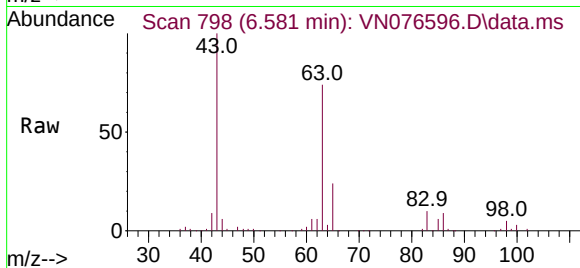
#21
1,1-Dichloroethane
Concen: 91.497 ug/l
RT: 6.581 min Scan# 799
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

Instrument :
MSVOA_N
Client Sample Id :
VSTDICC100

Tgt Ion: 63 Resp: 729459
Ion Ratio Lower Upper
63 100
98 6.6 3.3 9.9
100 4.5 2.2 6.6

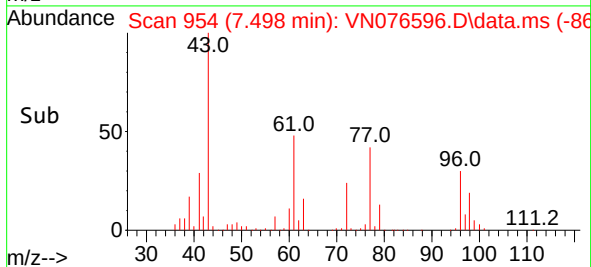
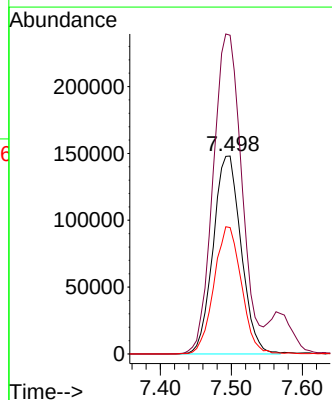
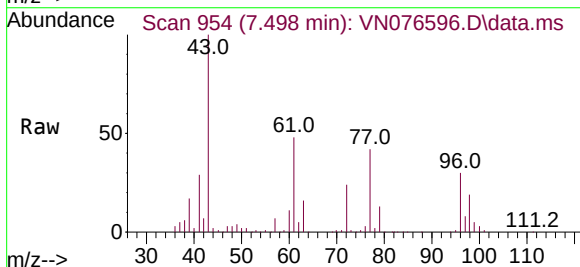
Manual Integrations
APPROVED

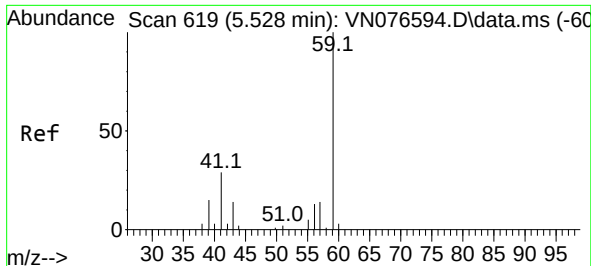
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#22
cis-1,2-Dichloroethene
Concen: 98.881 ug/l
RT: 7.498 min Scan# 954
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

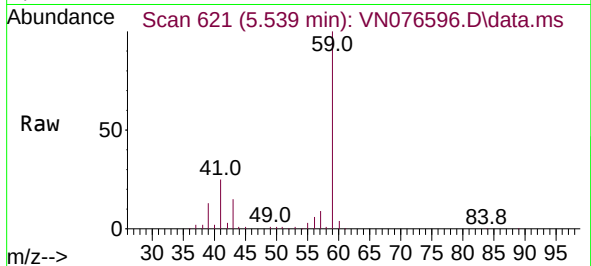
Tgt Ion: 96 Resp: 404372
Ion Ratio Lower Upper
96 100
61 166.2 118.8 178.2
98 63.0 52.1 78.1





#23
tert-Butyl Alcohol
Concen: 541.598 ug/l
RT: 5.539 min Scan# 619
Delta R.T. -0.020 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

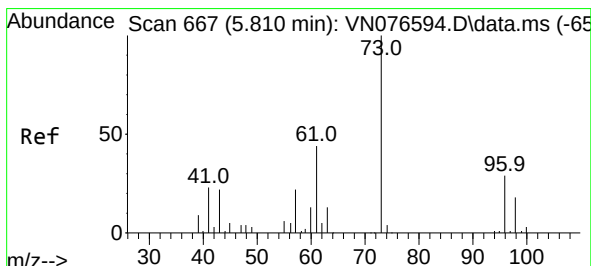
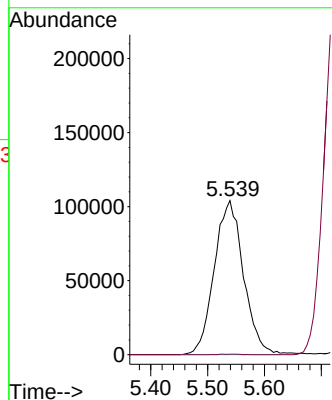
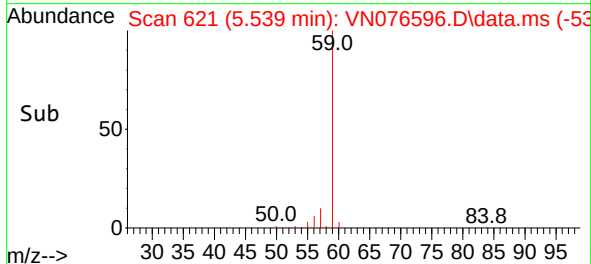
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 59 Resp: 37122
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.4

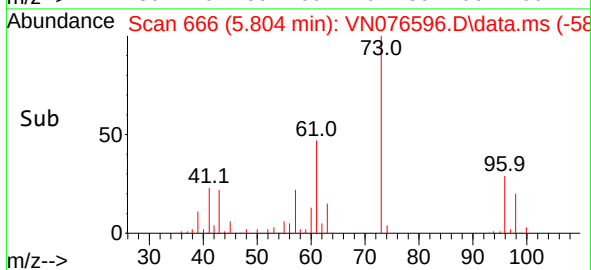
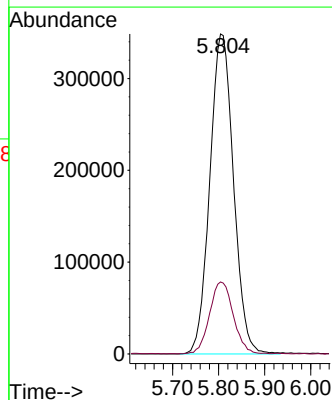
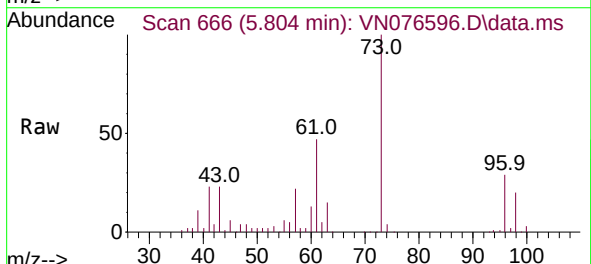
Manual Integrations
APPROVED

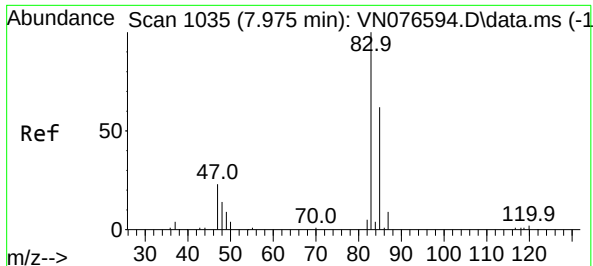
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#24
Methyl tert-Butyl Ether
Concen: 103.904 ug/l
RT: 5.804 min Scan# 666
Delta R.T. -0.014 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

Tgt Ion: 73 Resp: 1243668
Ion Ratio Lower Upper
73 100
43 22.5 15.6 23.4





#25

Chloroform

Concen: 93.658 ug/l

RT: 7.975 min Scan# 1035

Delta R.T. -0.002 min

Lab File: VN076596.D

Acq: 09 Feb 2023 18:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 738854

Ion Ratio Lower Upper

83 100

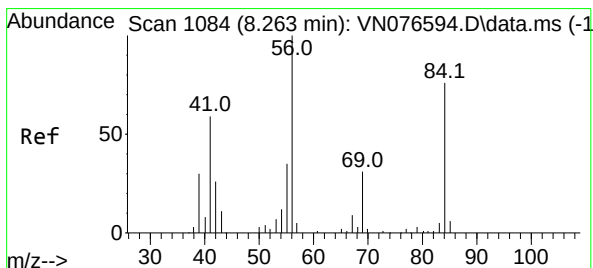
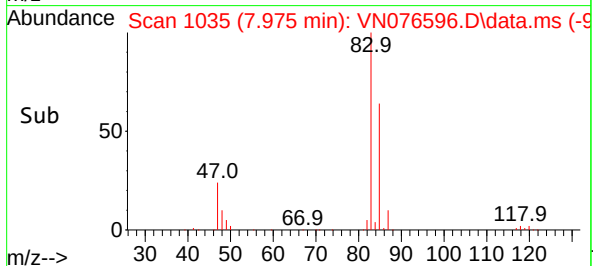
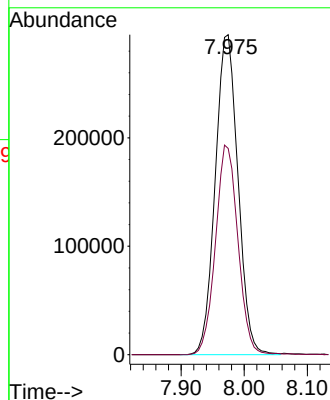
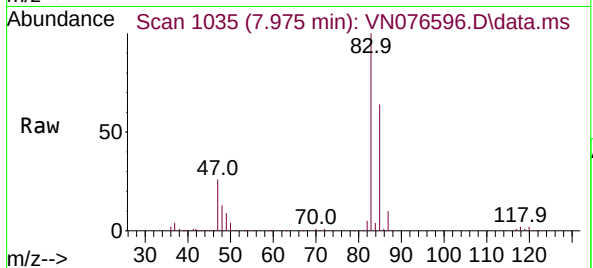
85 64.4 53.6 80.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#26

Cyclohexane

Concen: 94.200 ug/l

RT: 8.263 min Scan# 1084

Delta R.T. -0.002 min

Lab File: VN076596.D

Acq: 09 Feb 2023 18:38

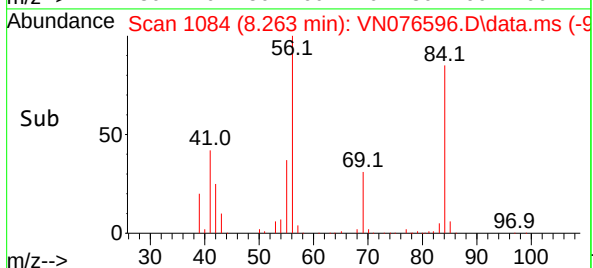
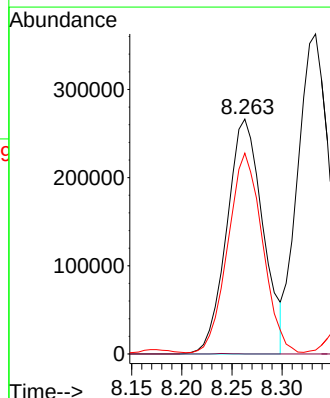
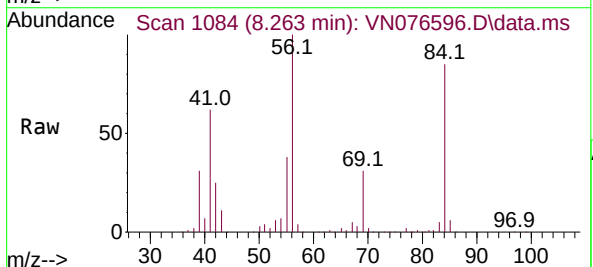
Tgt Ion: 56 Resp: 666430

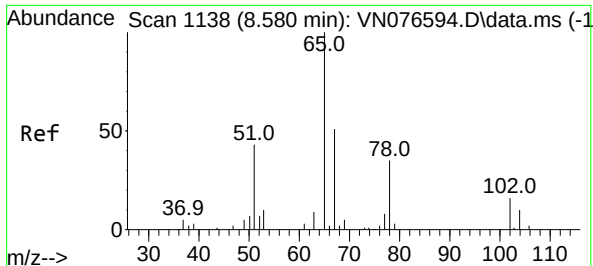
Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

84 82.7 68.4 102.6





#27
1,2-Dichloroethane-d4
Concen: 27.310 ug/l
RT: 8.586 min Scan# 1138
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

Instrument :

MSVOA_N

ClientSampleId :

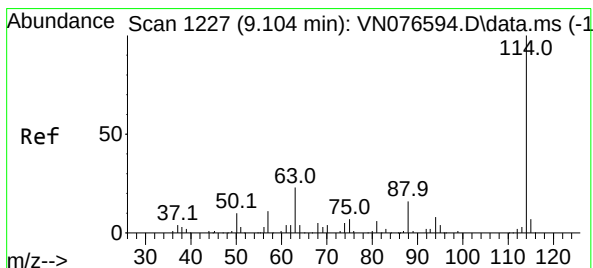
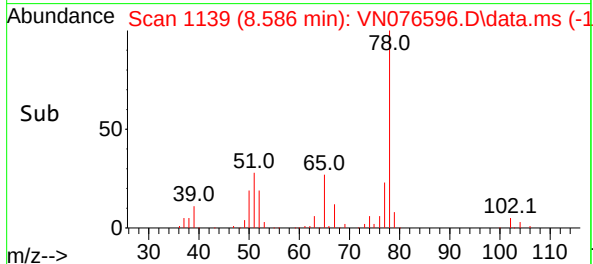
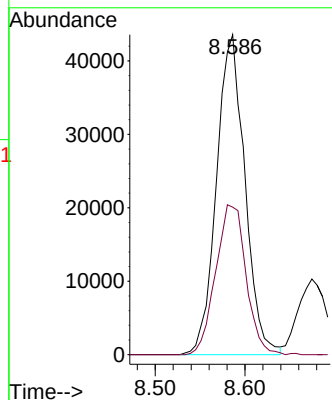
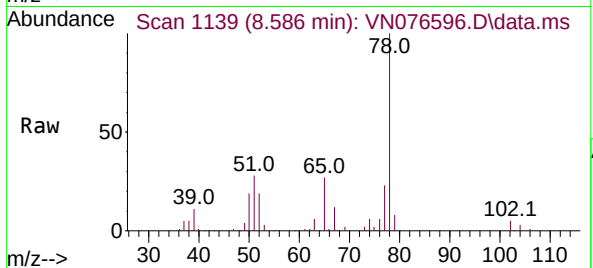
VSTDIC100

Tgt Ion: 65 Resp: 9580
Ion Ratio Lower Upper
65 100
67 49.9 45.2 67.8

Manual Integrations

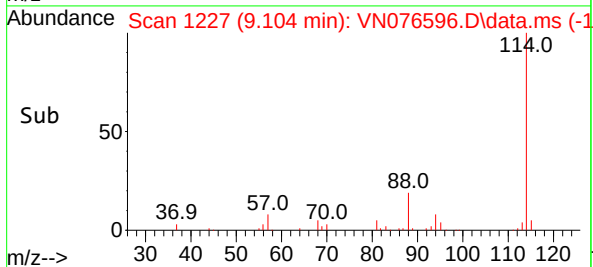
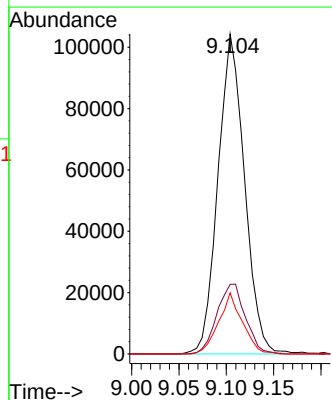
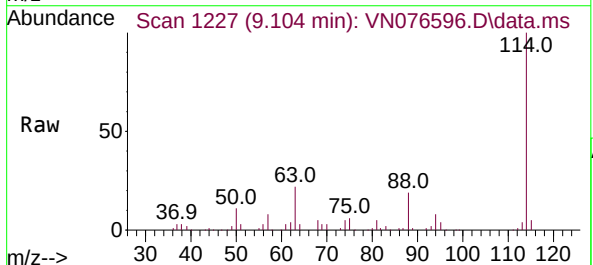
APPROVED

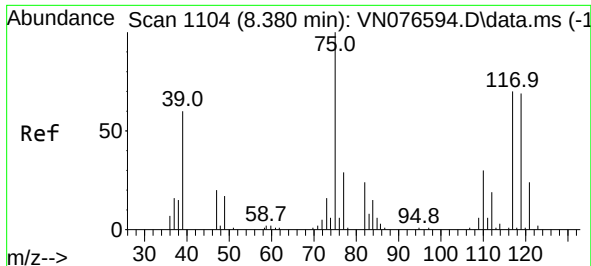
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.104 min Scan# 1227
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

Tgt Ion:114 Resp: 203121
Ion Ratio Lower Upper
114 100
63 23.4 16.6 25.0
88 17.0 12.2 18.4





#29
1,1-Dichloropropene
Concen: 104.797 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. -0.008 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

Instrument :

MSVOA_N

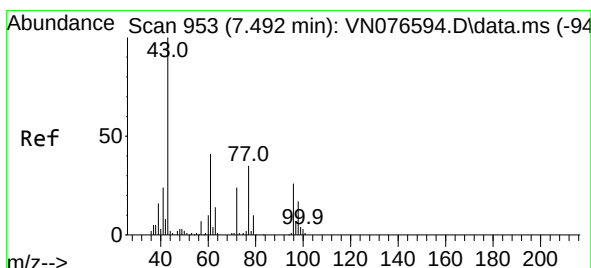
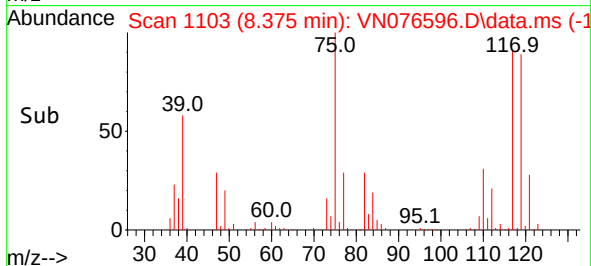
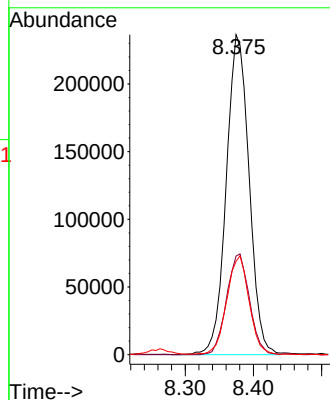
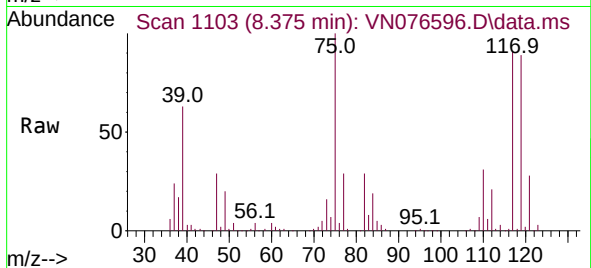
ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 550985
Ion Ratio Lower Upper
75 100
110 31.4 0.0 72.2
77 30.4 0.0 64.0

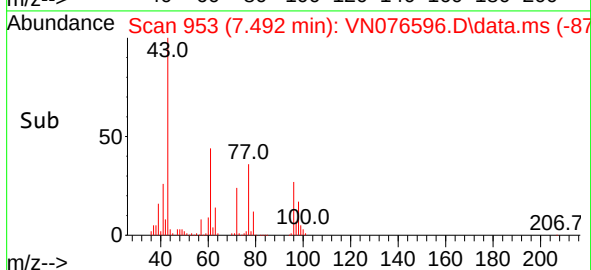
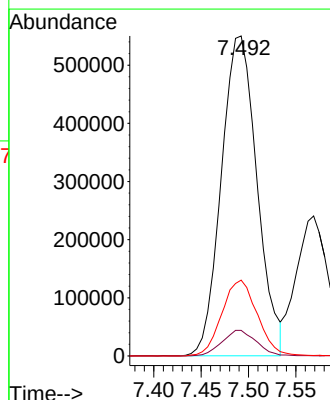
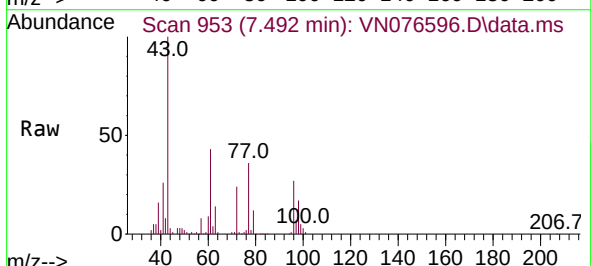
Manual Integrations
APPROVED

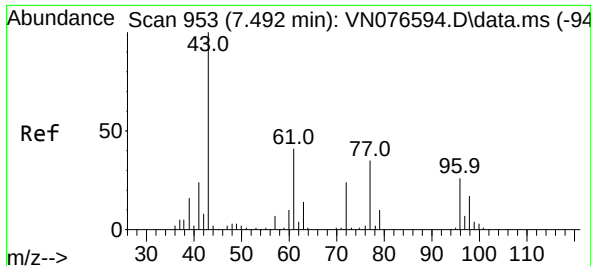
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#30
2-Butanone
Concen: 508.787 ug/l
RT: 7.492 min Scan# 953
Delta R.T. -0.014 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

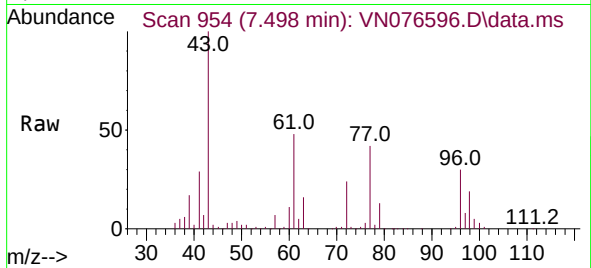
Tgt Ion: 43 Resp: 1443915
Ion Ratio Lower Upper
43 100
57 7.7 6.3 9.5
72 23.5 21.0 31.4





#31
2,2-Dichloropropane
Concen: 108.790 ug/l
RT: 7.498 min Scan# 91
Delta R.T. -0.008 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

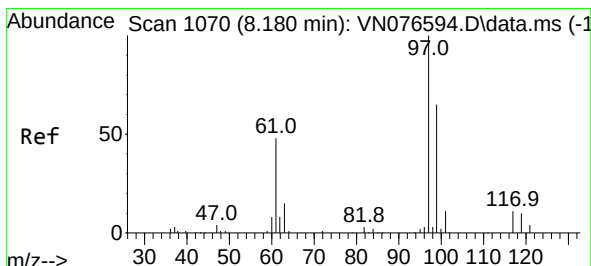
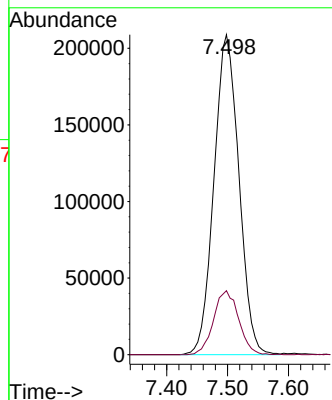
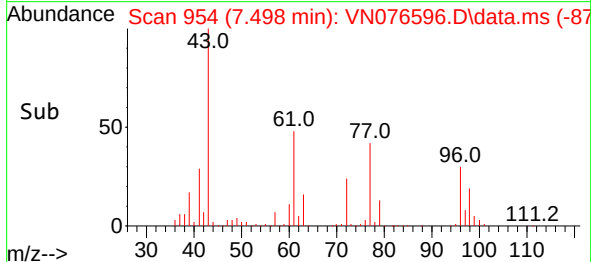
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



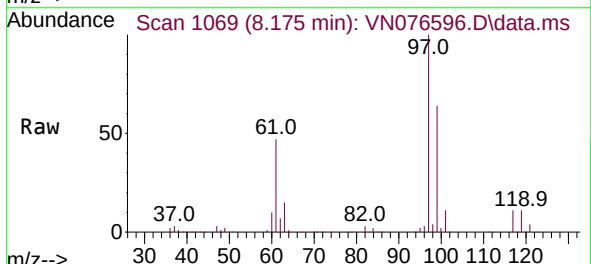
Tgt Ion: 77 Resp: 59386
Ion Ratio Lower Upper
77 100
97 20.1 18.4 27.6

Manual Integrations
APPROVED

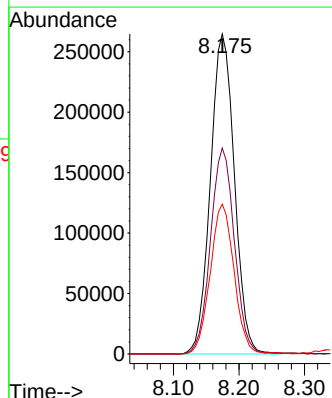
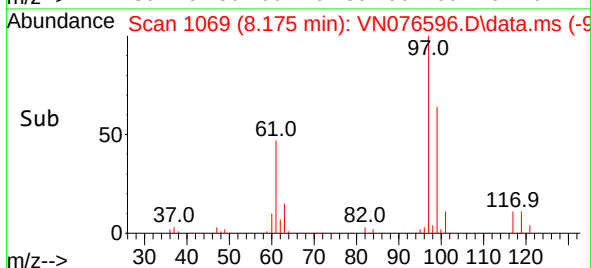
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

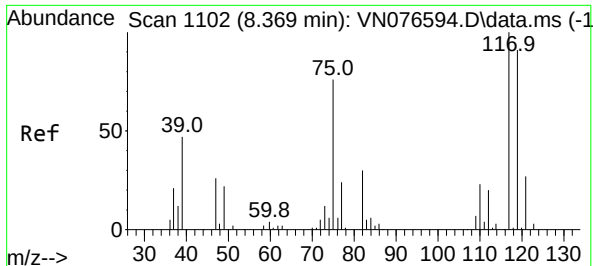


#32
1,1,1-Trichloroethane
Concen: 103.243 ug/l
RT: 8.175 min Scan# 1069
Delta R.T. -0.008 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38



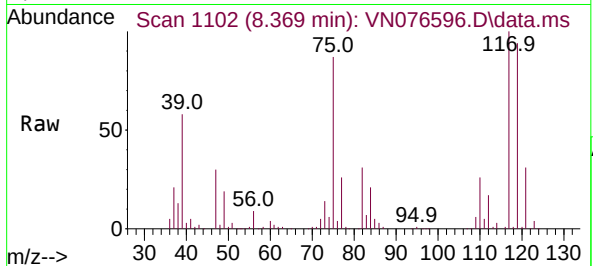
Tgt Ion: 97 Resp: 673475
Ion Ratio Lower Upper
97 100
99 64.0 50.0 75.0
61 46.3 36.1 54.1





#33
Carbon Tetrachloride
Concen: 103.538 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

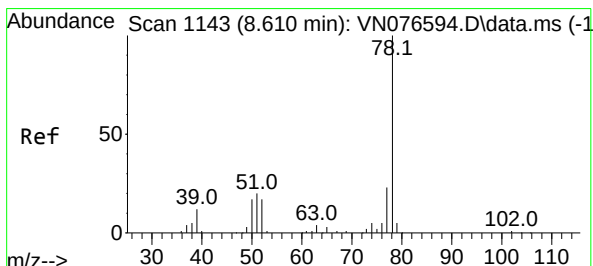
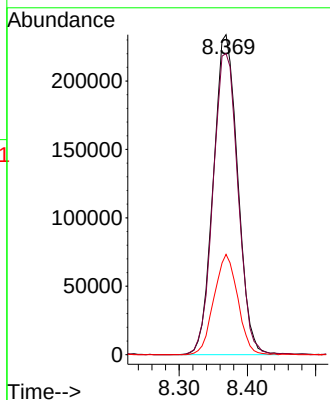
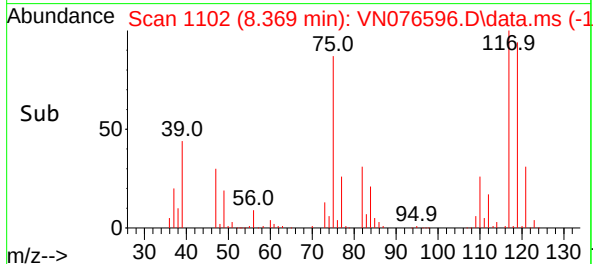
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



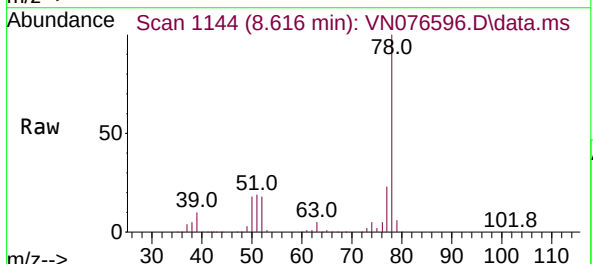
Tgt Ion:117 Resp: 58271
Ion Ratio Lower Upper
117 100
119 94.0 77.8 116.6
121 31.4 27.6 41.4

Manual Integrations
APPROVED

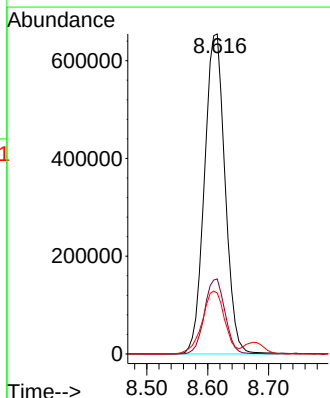
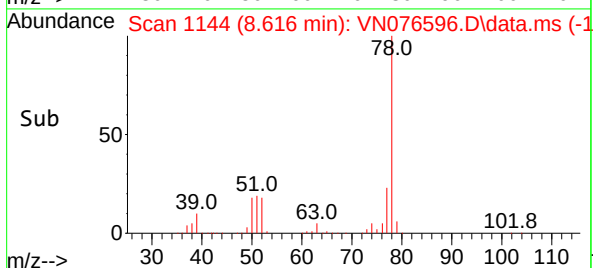
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

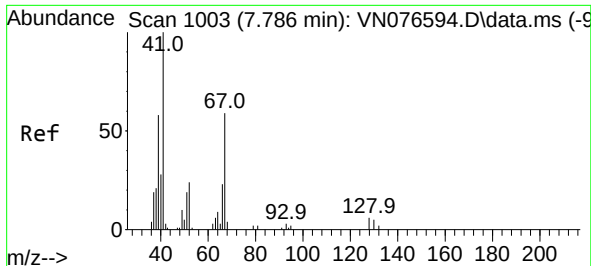


#34
Benzene
Concen: 95.298 ug/l
RT: 8.616 min Scan# 1144
Delta R.T. 0.004 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38



Tgt Ion: 78 Resp: 1539511
Ion Ratio Lower Upper
78 100
77 23.4 19.9 29.9
51 18.9 21.1 31.7#





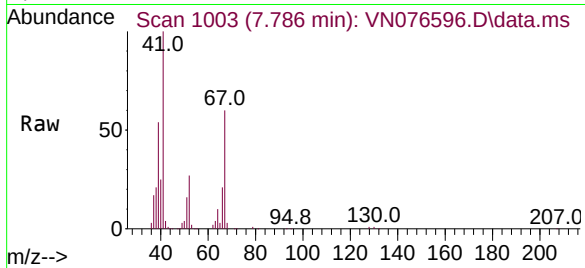
#35
Methacrylonitrile
Concen: 104.646 ug/l
RT: 7.786 min Scan# 1003
Delta R.T. -0.008 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



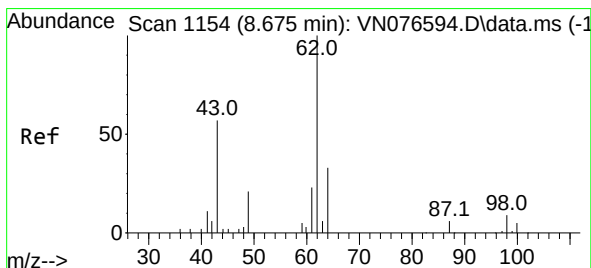
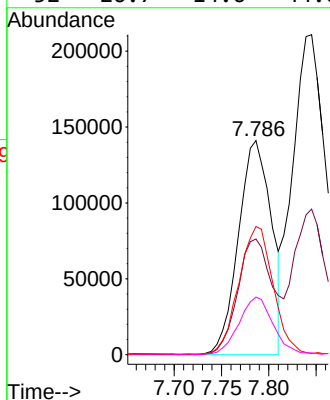
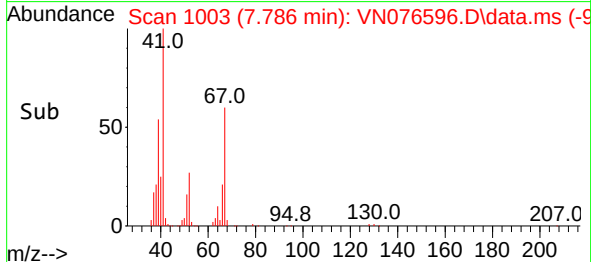
Tgt Ion: 41 Resp: 341472
Ion Ratio Lower Upper
41 100
39 53.8 27.7 83.1
67 59.9 38.0 113.9
52 26.7 14.6 44.0

Manual Integrations

APPROVED

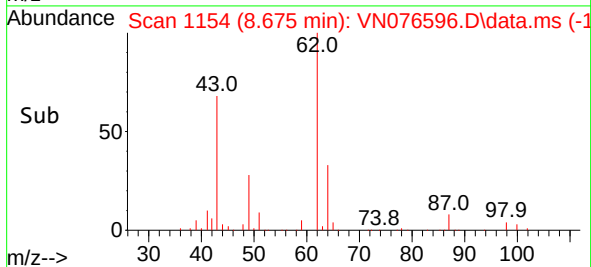
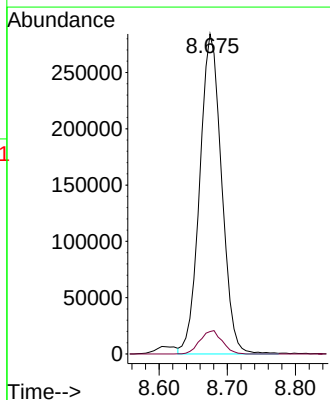
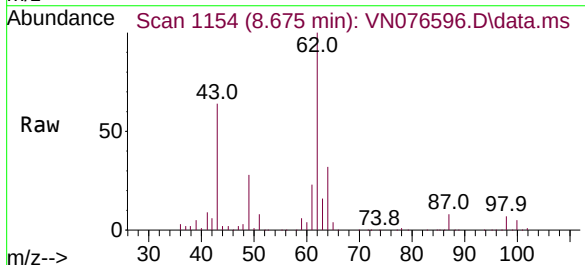
Reviewed By :John Carlone 02/10/2023

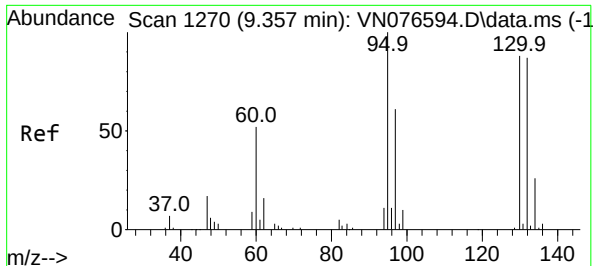
Supervised By :Semsettin Yesilyurt 02/10/2023



#36
1,2-Dichloroethane
Concen: 102.313 ug/l
RT: 8.675 min Scan# 1154
Delta R.T. -0.008 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

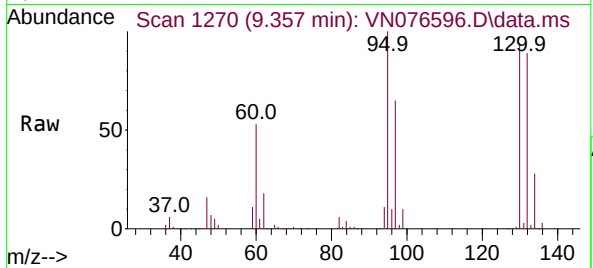
Tgt Ion: 62 Resp: 633823
Ion Ratio Lower Upper
62 100
98 7.4 7.4 11.2#





#37
Trichloroethene
Concen: 109.456 ug/l
RT: 9.357 min Scan# 1270
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

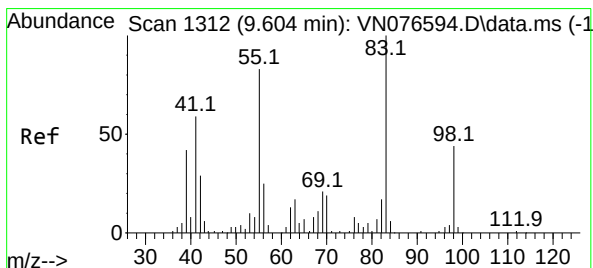
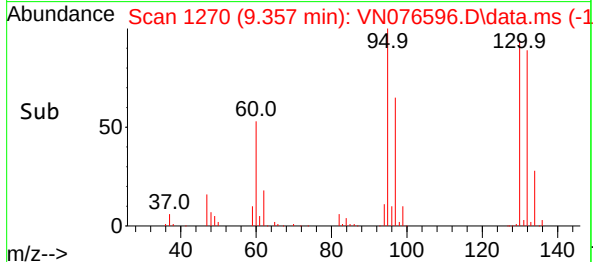
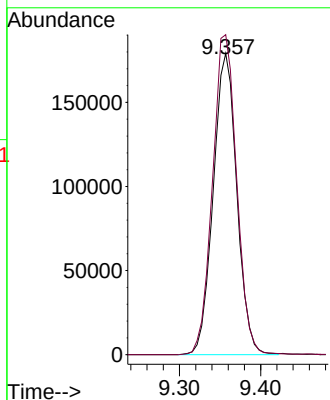
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:130 Resp: 362034
Ion Ratio Lower Upper
130 100
95 106.2 75.9 113.9

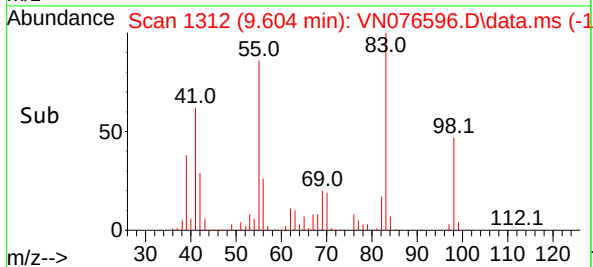
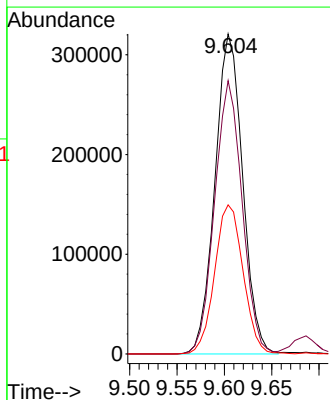
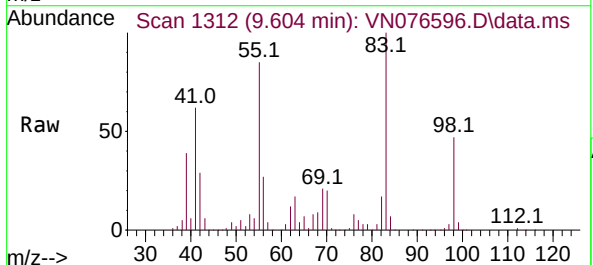
Manual Integrations
APPROVED

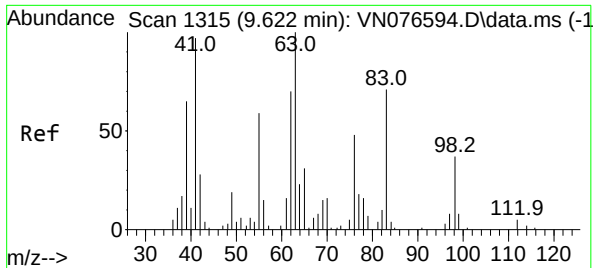
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#38
Methylcyclohexane
Concen: 112.061 ug/l
RT: 9.604 min Scan# 1312
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

Tgt Ion: 83 Resp: 652128
Ion Ratio Lower Upper
83 100
55 84.9 37.4 112.2
98 48.0 24.5 73.5





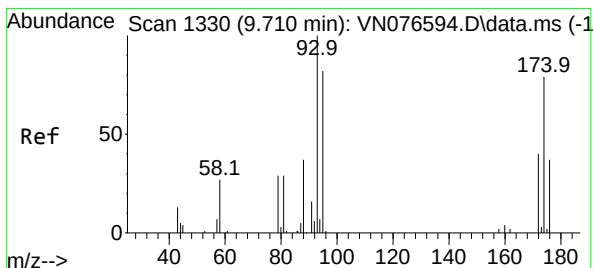
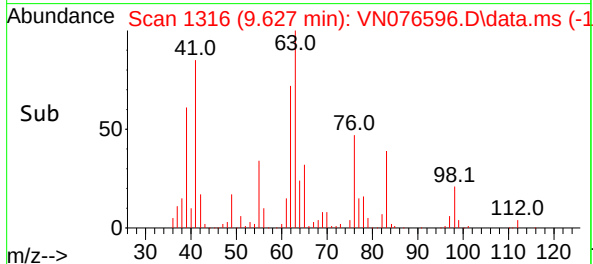
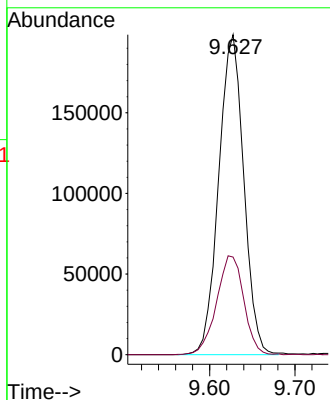
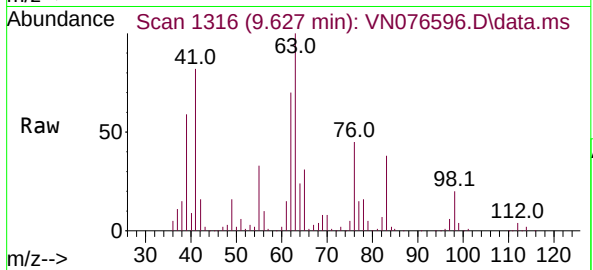
#39
1,2-Dichloropropane
Concen: 105.220 ug/l
RT: 9.627 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 405640
Ion Ratio Lower Upper
63 100
65 30.4 25.0 37.6

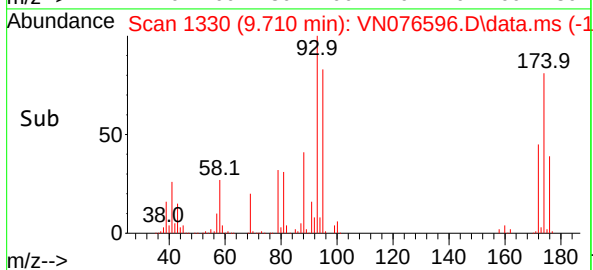
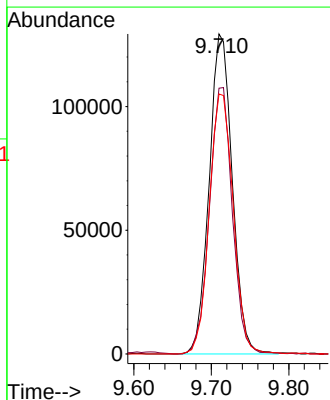
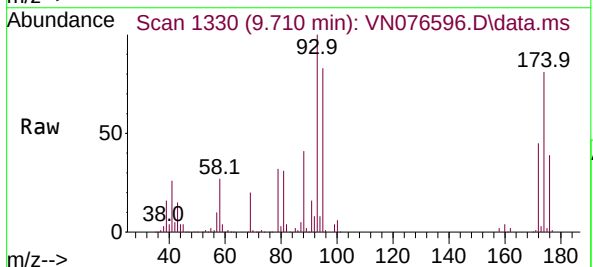
Manual Integrations
APPROVED

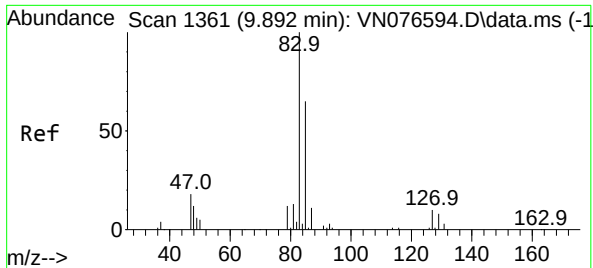
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#40
Dibromomethane
Concen: 105.782 ug/l
RT: 9.710 min Scan# 1330
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

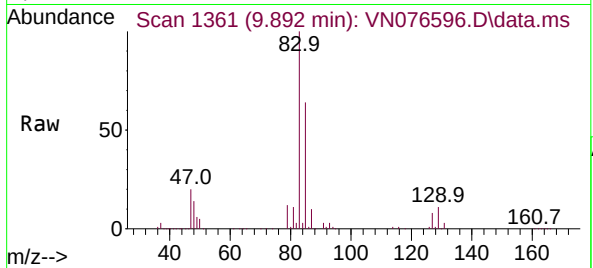
Tgt Ion: 93 Resp: 268290
Ion Ratio Lower Upper
93 100
95 82.6 0.0 168.0
174 84.2 0.0 158.4





#41
Bromodichloromethane
Concen: 110.034 ug/l
RT: 9.892 min Scan# 1361
Delta R.T. 0.004 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

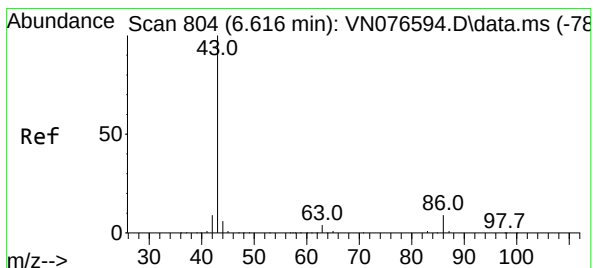
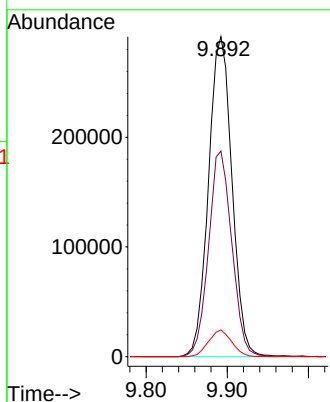
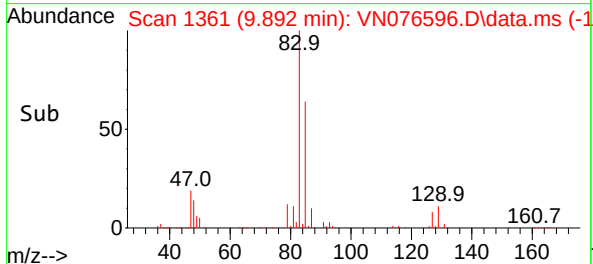
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



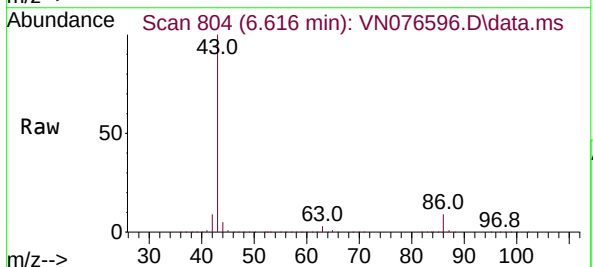
Tgt Ion: 83 Resp: 586780
Ion Ratio Lower Upper
83 100
85 64.3 50.2 75.4
127 8.4 5.1 7.7

Manual Integrations
APPROVED

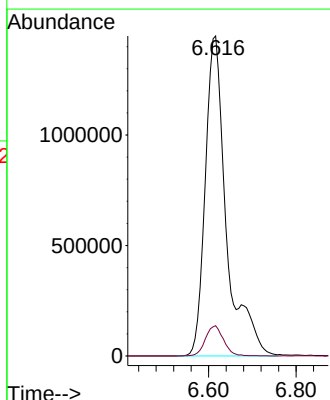
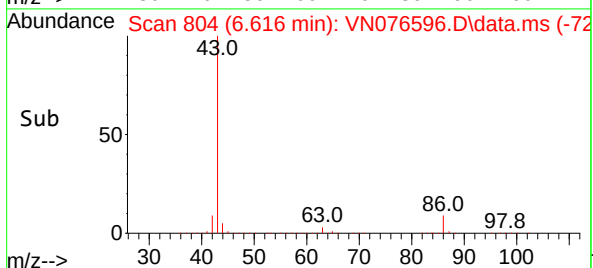
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

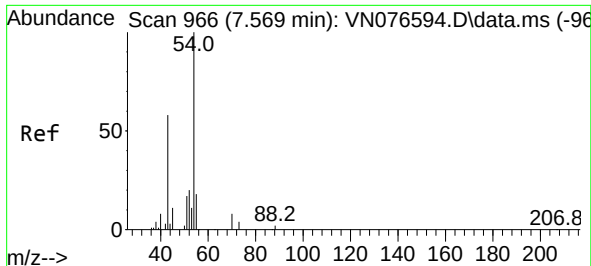


#42
Vinyl Acetate
Concen: 525.968 ug/l m
RT: 6.616 min Scan# 804
Delta R.T. -0.008 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38



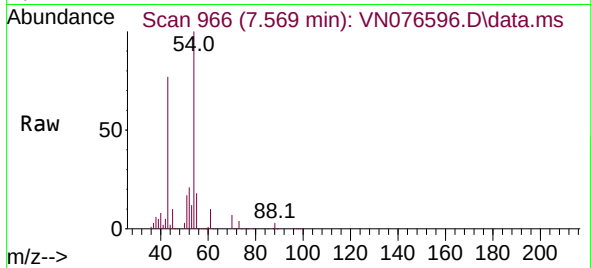
Tgt Ion: 43 Resp: 4852434
Ion Ratio Lower Upper
43 100
86 8.1 7.5 11.3





#43
Ethyl Acetate
Concen: 103.810 ug/l
RT: 7.569 min Scan# 966
Delta R.T. -0.014 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

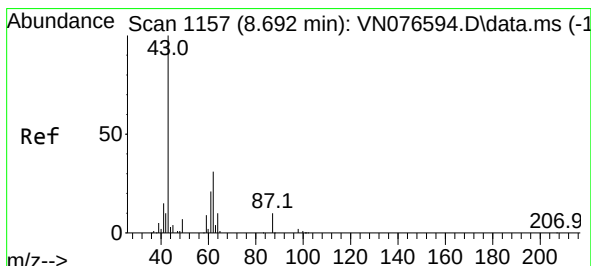
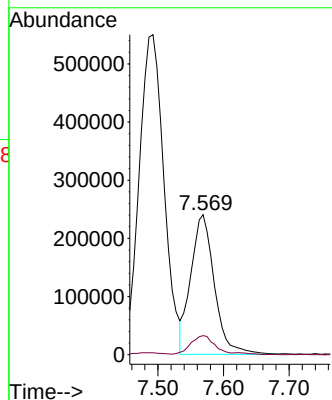
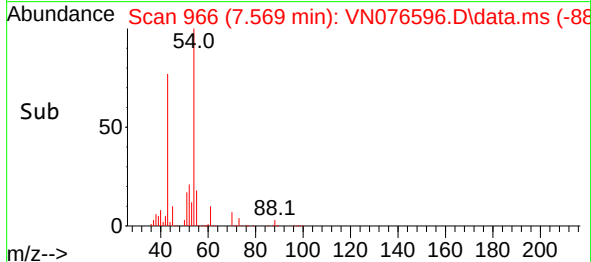
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



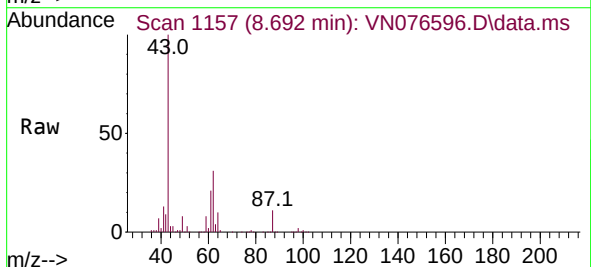
Tgt Ion: 43 Resp: 600669
Ion Ratio Lower Upper
43 100
45 13.3 11.5 17.3

Manual Integrations
APPROVED

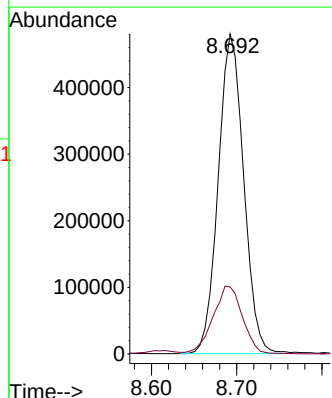
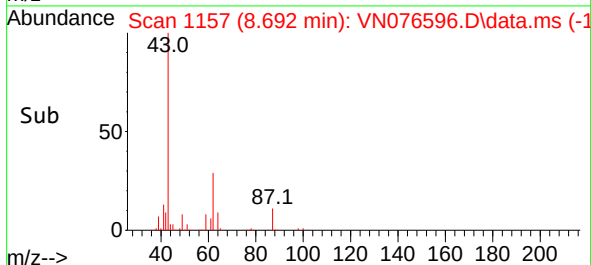
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

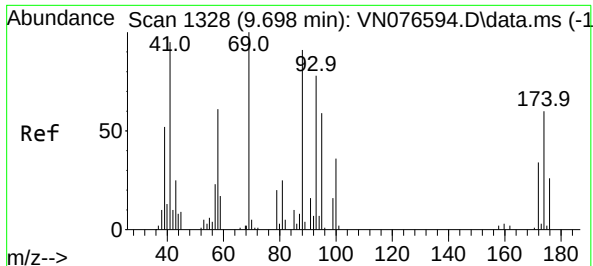


#44
Isopropyl Acetate
Concen: 104.598 ug/l
RT: 8.692 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38



Tgt Ion: 43 Resp: 995666
Ion Ratio Lower Upper
43 100
61 24.1 19.5 29.3





#45

1,4-Dioxane

Concen: 2107.202 ug/l

RT: 9.698 min Scan# 1328

Delta R.T. -0.002 min

Lab File: VN076596.D

Acq: 09 Feb 2023 18:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 16351

Ion Ratio Lower Upper

88 100

43 35.2 25.7 38.5

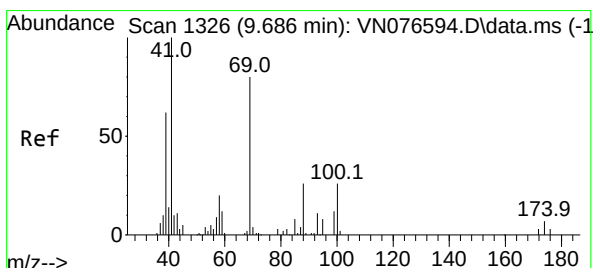
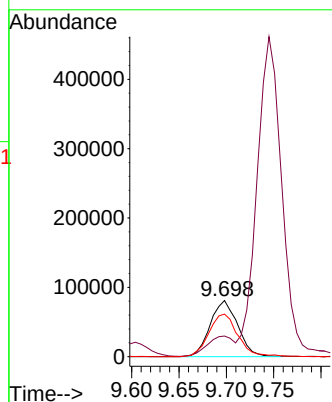
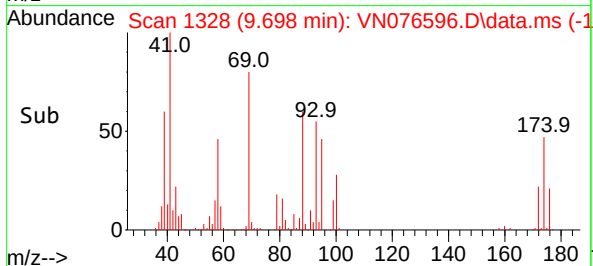
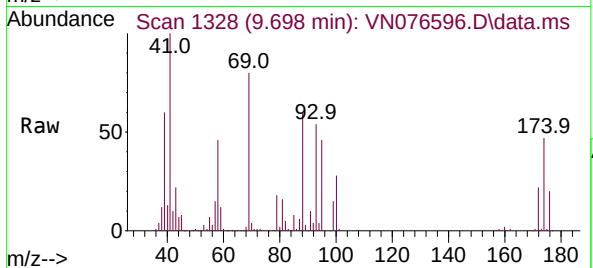
58 80.6 53.4 80.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#46

Methyl methacrylate

Concen: 109.789 ug/l

RT: 9.686 min Scan# 1326

Delta R.T. -0.002 min

Lab File: VN076596.D

Acq: 09 Feb 2023 18:38

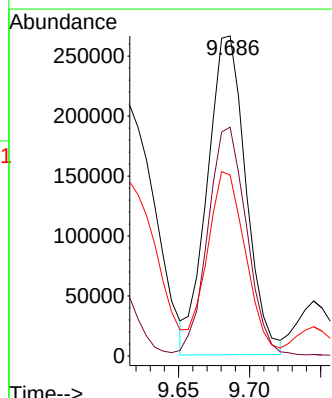
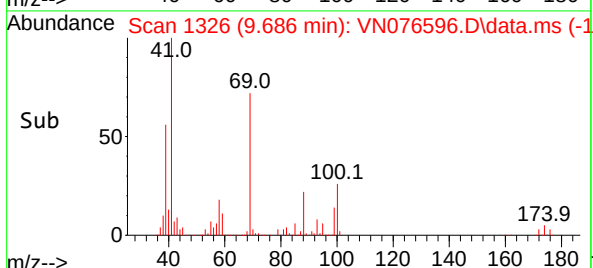
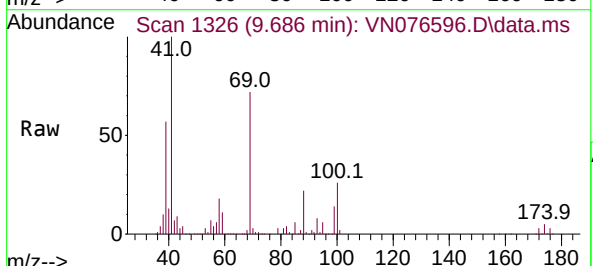
Tgt Ion: 41 Resp: 503889

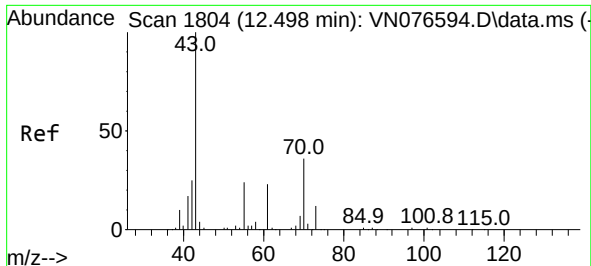
Ion Ratio Lower Upper

41 100

69 73.8 45.6 136.7

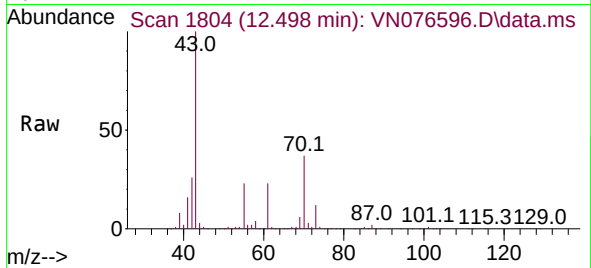
39 56.8 32.3 96.9





#47
n-amy1 Acetate
Concen: 114.112 ug/l
RT: 12.498 min Scan# 1804
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

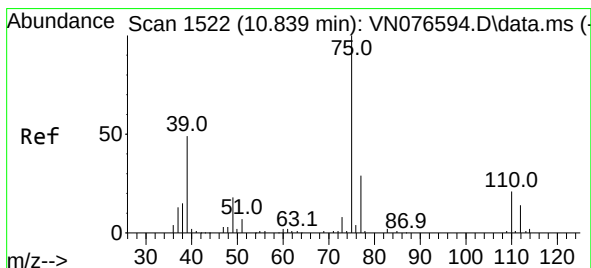
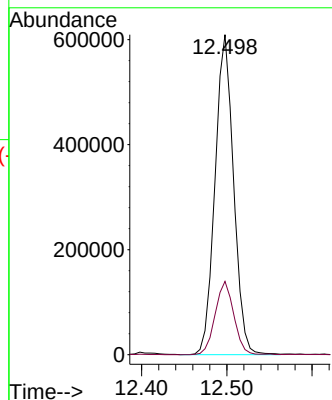
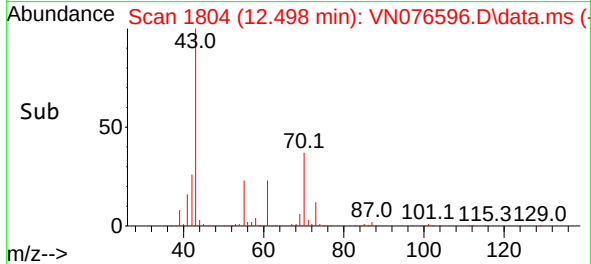
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 923292
Ion Ratio Lower Upper
43 100
55 22.9 16.8 25.2

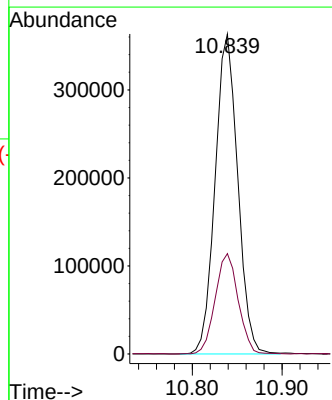
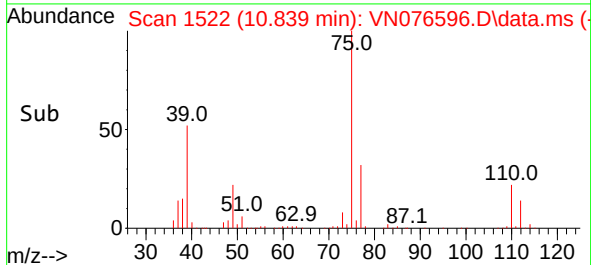
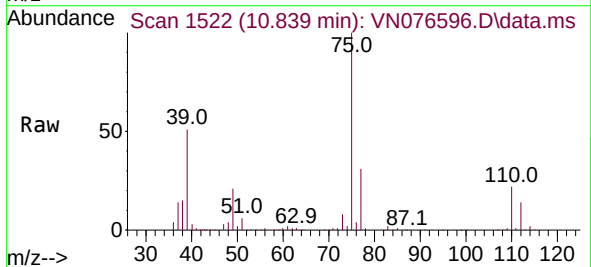
Manual Integrations
APPROVED

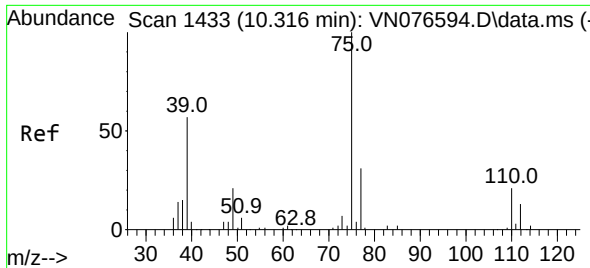
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#48
t-1,3-Dichloropropene
Concen: 118.328 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

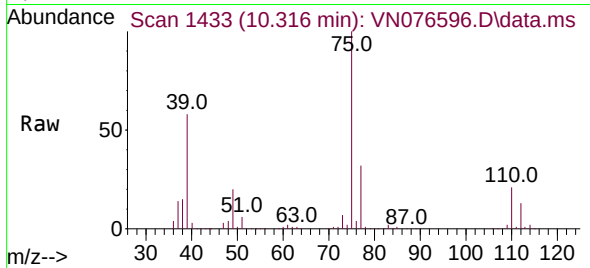
Tgt Ion: 75 Resp: 635189
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.8





#49
 cis-1,3-Dichloropropene
 Concen: 112.758 ug/l
 RT: 10.316 min Scan# 1433
 Delta R.T. -0.002 min
 Lab File: VN076596.D
 Acq: 09 Feb 2023 18:38

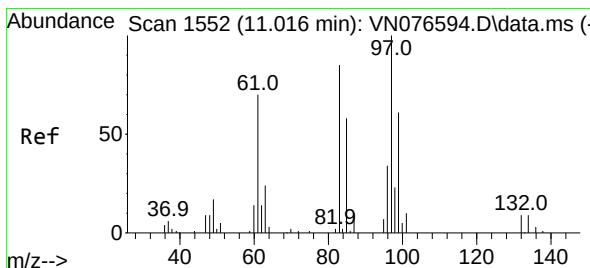
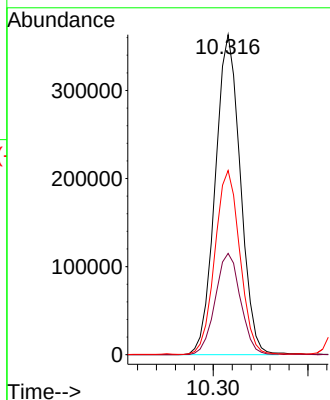
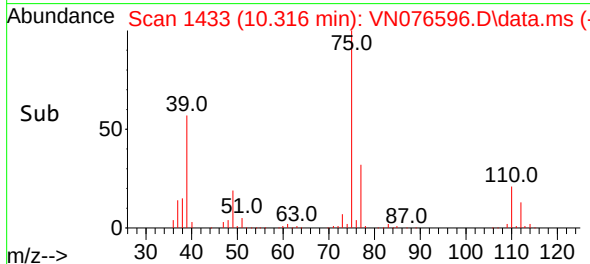
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 75 Resp: 66911
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.5 33.7
 39 57.4 37.6 56.4

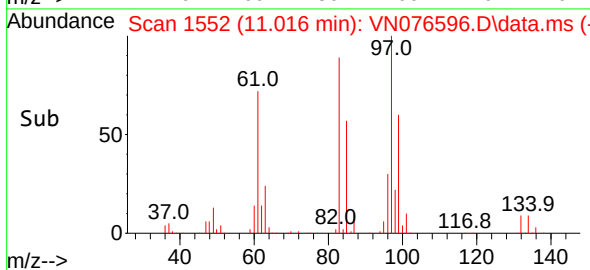
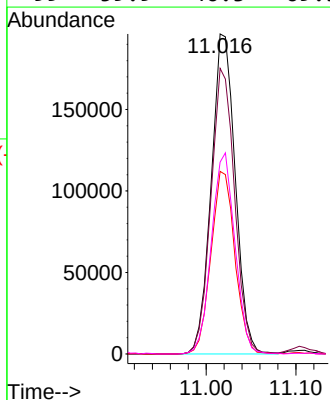
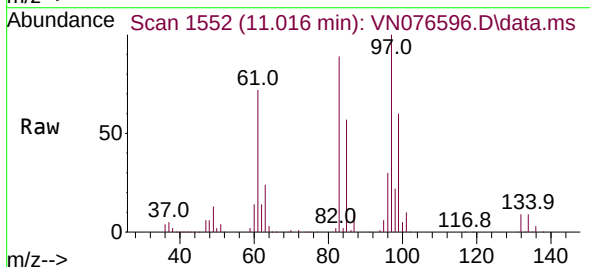
Manual Integrations
 APPROVED

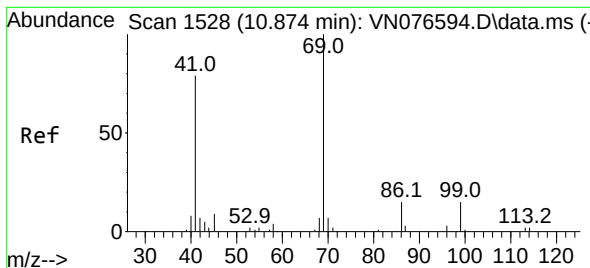
Reviewed By :John Carlone 02/10/2023
 Supervised By :Semsettin Yesilyurt 02/10/2023



#50
 1,1,2-Trichloroethane
 Concen: 105.837 ug/l
 RT: 11.016 min Scan# 1552
 Delta R.T. -0.002 min
 Lab File: VN076596.D
 Acq: 09 Feb 2023 18:38

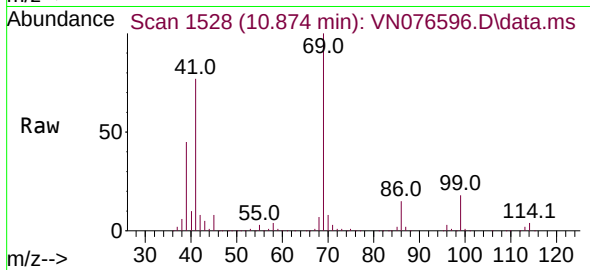
Tgt Ion: 97 Resp: 364545
 Ion Ratio Lower Upper
 97 100
 83 89.2 69.2 103.8
 85 57.1 41.4 62.2
 99 59.9 46.3 69.5





#51
Ethyl methacrylate
Concen: 116.422 ug/l
RT: 10.874 min Scan# 1528
Delta R.T. -0.003 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

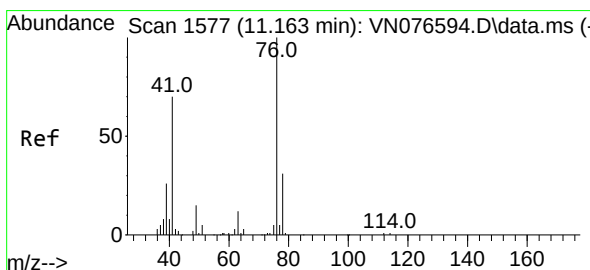
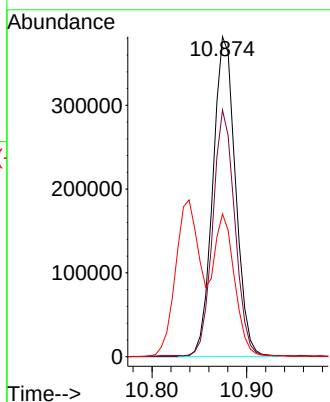
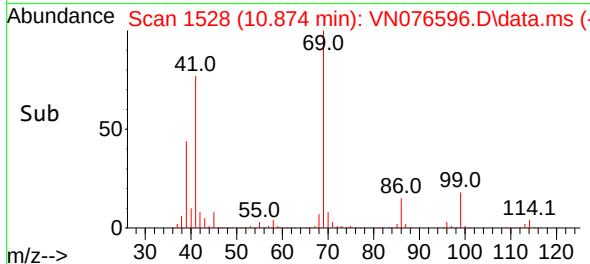
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



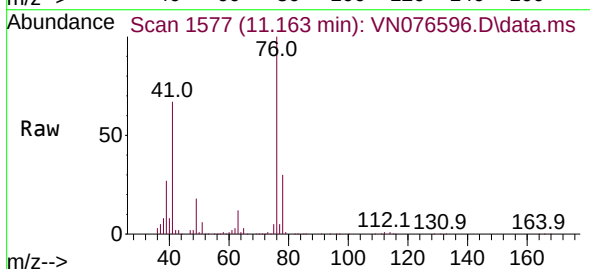
Tgt Ion: 69 Resp: 636742
Ion Ratio Lower Upper
69 100
41 76.7 32.5 97.5
39 44.4 21.5 64.5

Manual Integrations
APPROVED

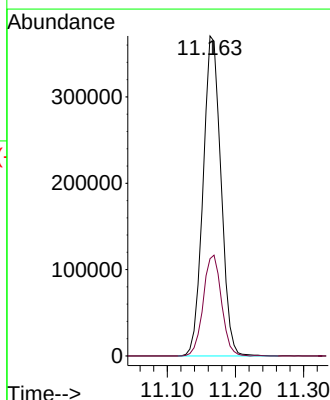
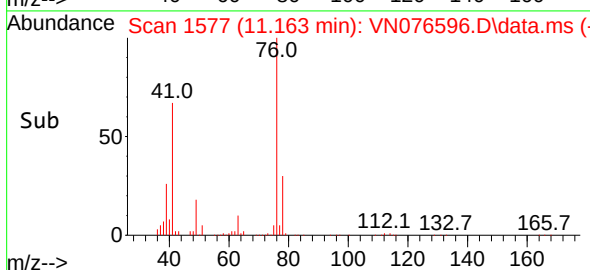
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

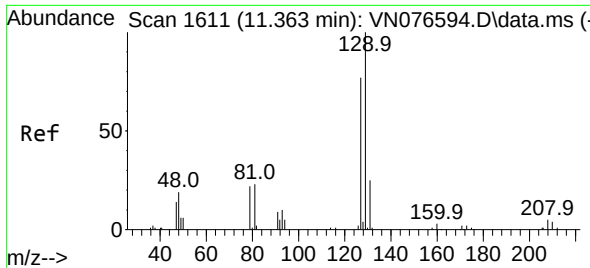


#52
1,3-Dichloropropane
Concen: 105.383 ug/l
RT: 11.163 min Scan# 1577
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38



Tgt Ion: 76 Resp: 676621
Ion Ratio Lower Upper
76 100
78 32.1 0.0 63.8





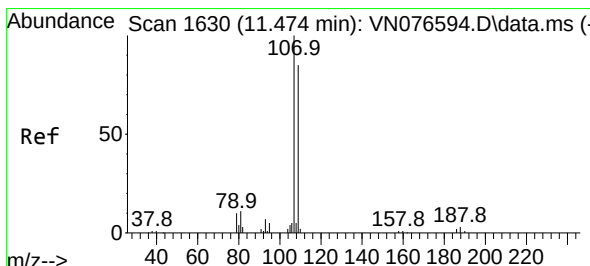
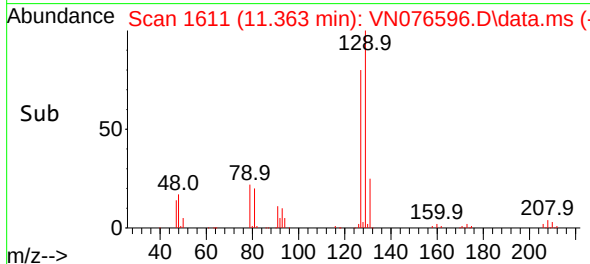
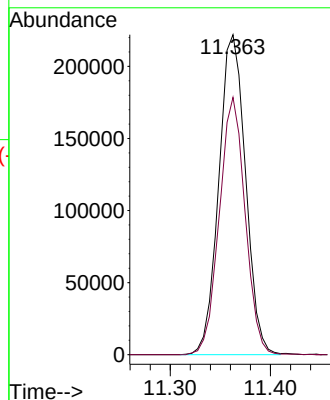
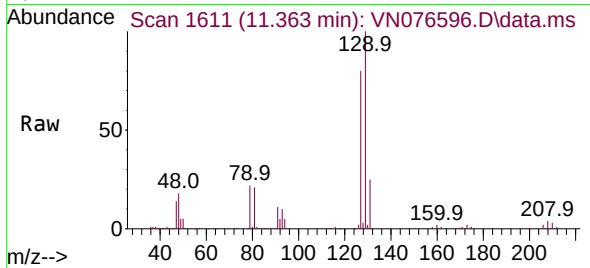
#53
Dibromochloromethane
Concen: 114.900 ug/l
RT: 11.363 min Scan# 1611
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:129 Resp: 411239
Ion Ratio Lower Upper
129 100
127 77.6 40.6 121.7

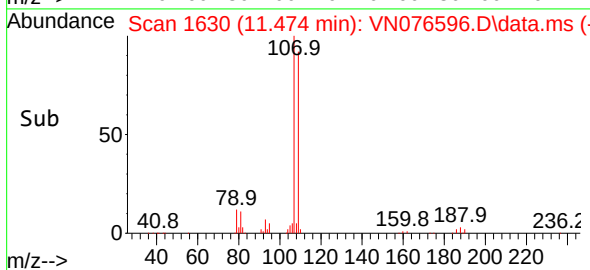
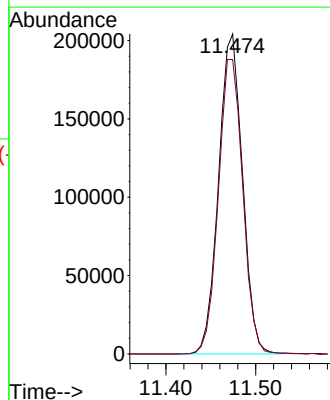
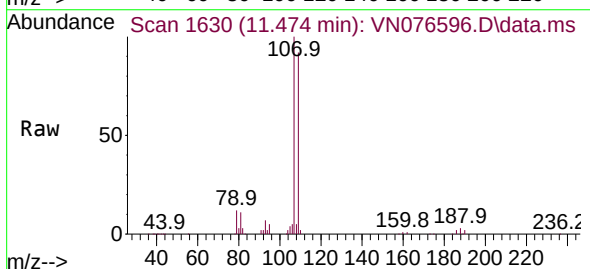
Manual Integrations
APPROVED

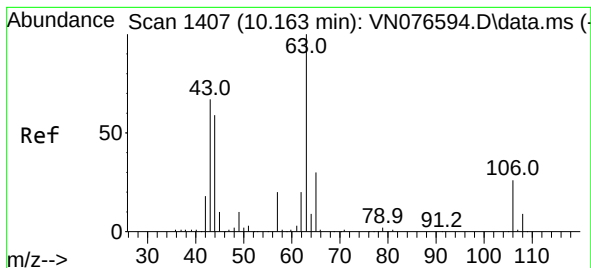
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#54
1,2-Dibromoethane
Concen: 108.232 ug/l
RT: 11.474 min Scan# 1630
Delta R.T. 0.003 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

Tgt Ion:107 Resp: 377234
Ion Ratio Lower Upper
107 100
109 94.1 76.2 114.2





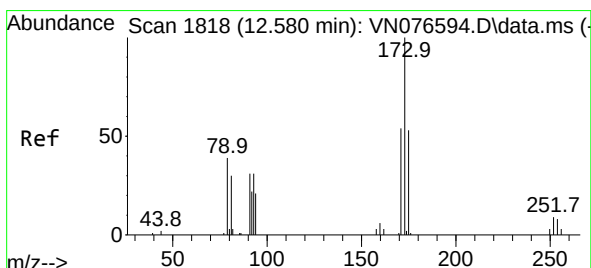
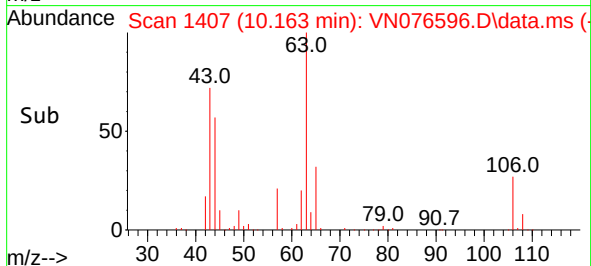
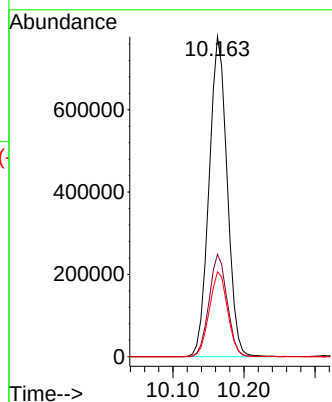
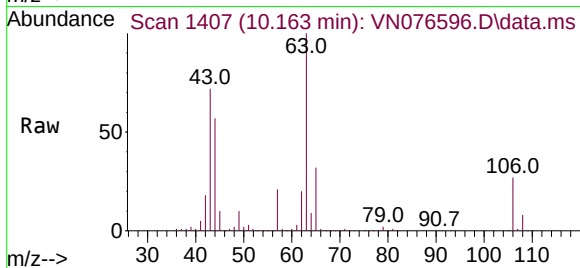
#55
2-Chloroethyl vinyl ether
Concen: 551.047 ug/l
RT: 10.163 min Scan# 1407
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 1376619
Ion Ratio Lower Upper
63 100
65 31.9 24.6 36.8
106 26.8 21.3 31.9

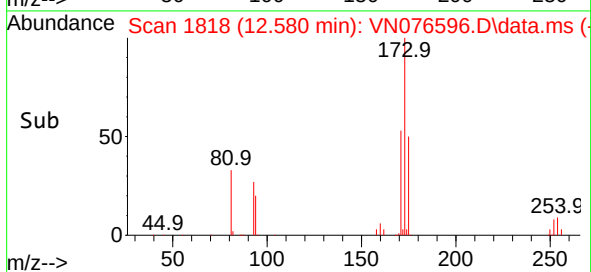
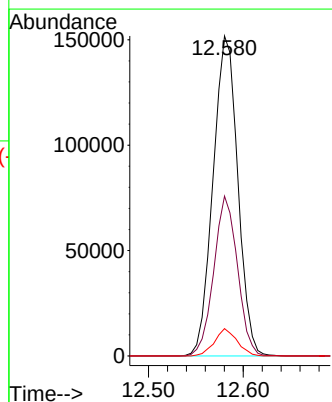
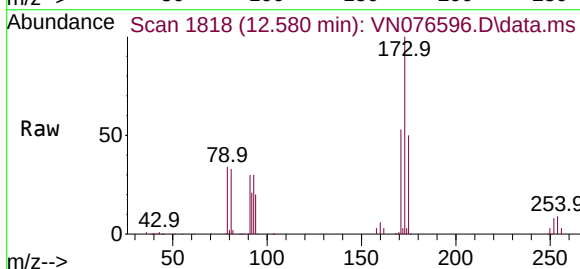
Manual Integrations
APPROVED

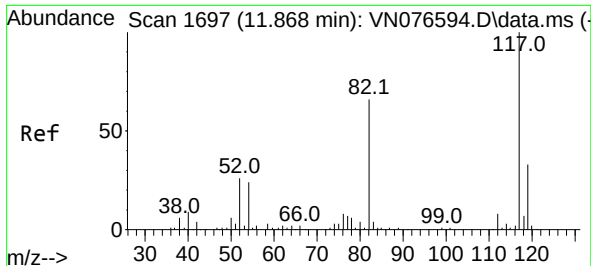
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#56
Bromoform
Concen: 119.675 ug/l
RT: 12.580 min Scan# 1818
Delta R.T. 0.004 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

Tgt Ion:173 Resp: 275865
Ion Ratio Lower Upper
173 100
175 47.7 39.1 58.7
254 7.8 7.0 10.6





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.868 min Scan# 1697

Delta R.T. -0.003 min

Lab File: VN076596.D

Acq: 09 Feb 2023 18:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:117 Resp: 220719

Ion Ratio Lower Upper

117 100

82 62.9 44.6 67.0

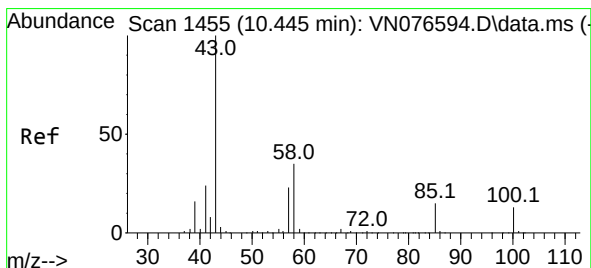
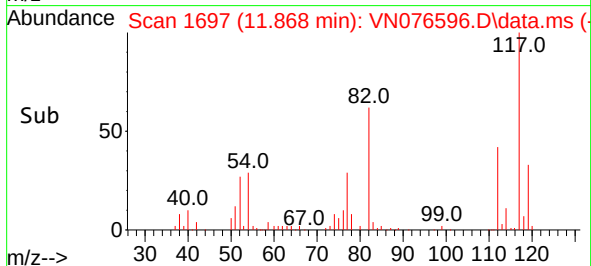
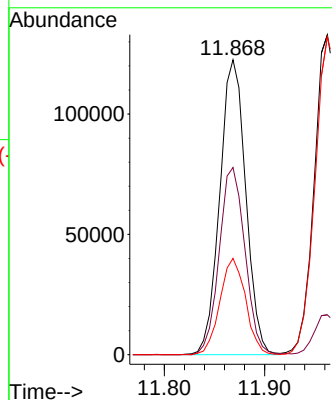
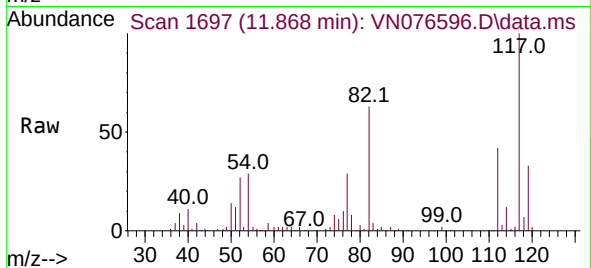
119 32.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#58

4-Methyl-2-Pentanone

Concen: 485.042 ug/l

RT: 10.445 min Scan# 1455

Delta R.T. -0.002 min

Lab File: VN076596.D

Acq: 09 Feb 2023 18:38

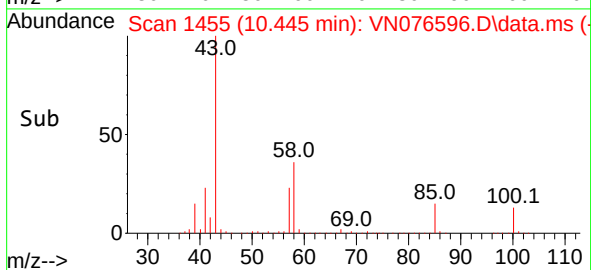
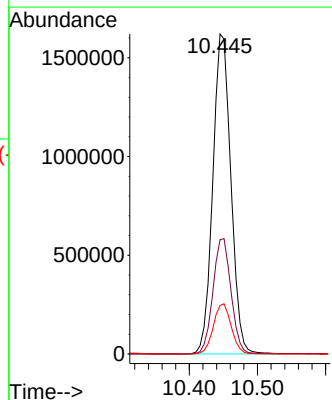
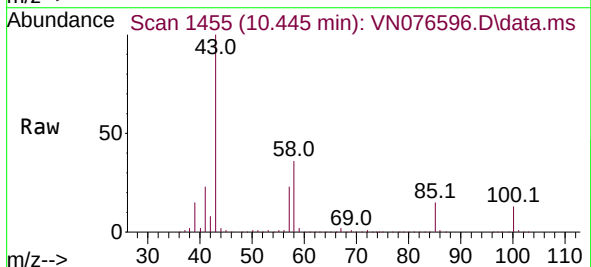
Tgt Ion: 43 Resp: 2992780

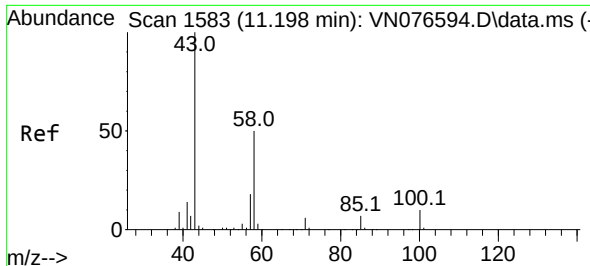
Ion Ratio Lower Upper

43 100

58 36.1 30.8 46.2

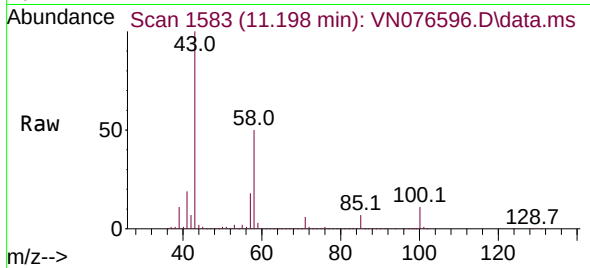
85 15.6 13.3 19.9





#59
2-Hexanone
Concen: 499.485 ug/l
RT: 11.198 min Scan# 1583
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

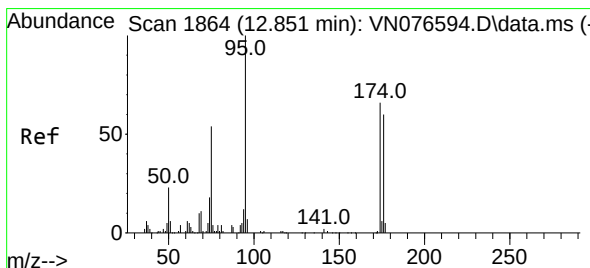
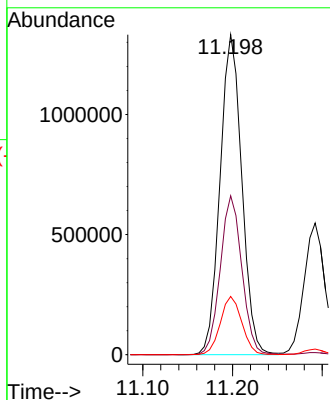
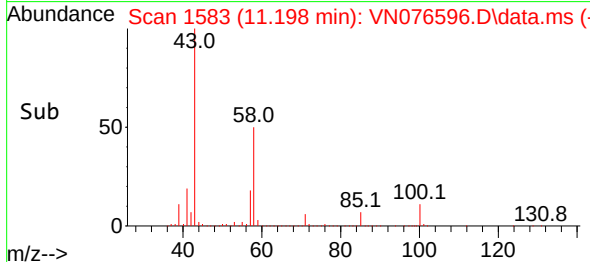
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 2240789
Ion Ratio Lower Upper
43 100
58 49.3 43.6 65.4
57 18.0 14.3 21.5

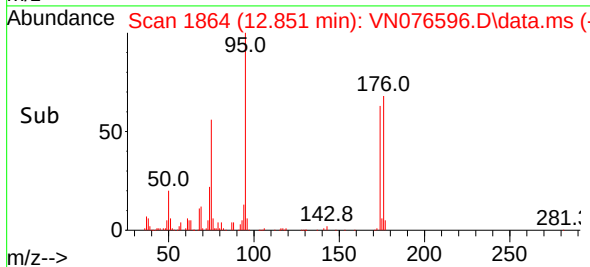
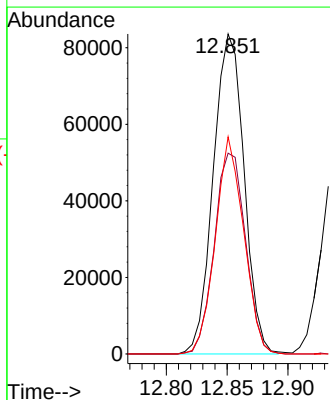
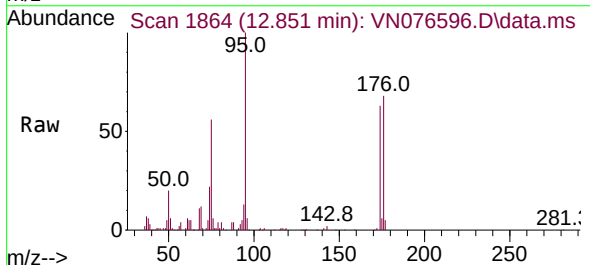
Manual Integrations
APPROVED

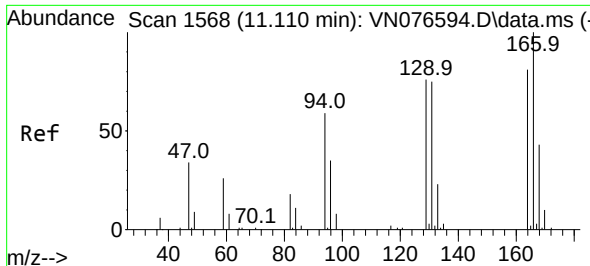
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#60
4-Bromofluorobenzene
Concen: 29.558 ug/l
RT: 12.851 min Scan# 1864
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

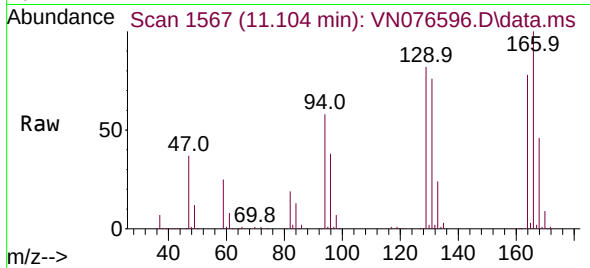
Tgt Ion: 95 Resp: 147285
Ion Ratio Lower Upper
95 100
174 63.6 57.8 86.8
176 62.4 57.0 85.4





#61
Tetrachloroethene
Concen: 101.157 ug/l
RT: 11.104 min Scan# 1567
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

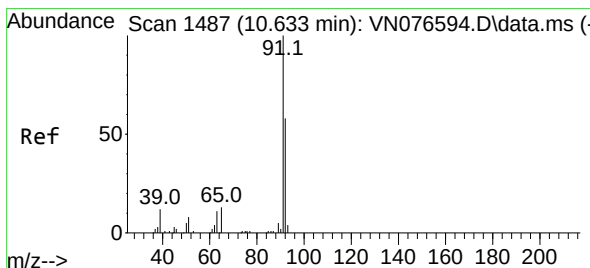
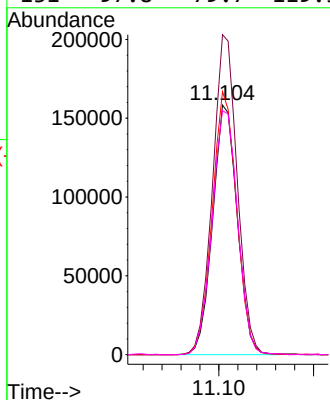
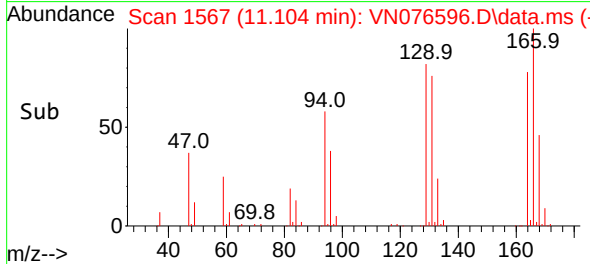
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



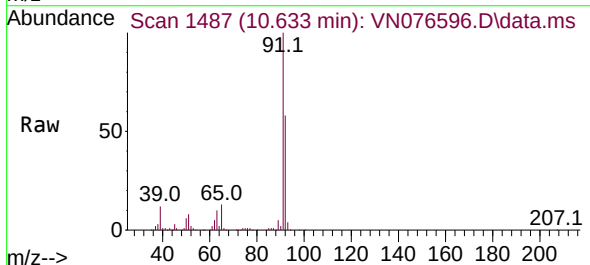
Tgt Ion:164 Resp: 285404
Ion Ratio Lower Upper
164 100
166 128.1 99.6 149.4
129 105.4 84.0 126.0
131 97.8 79.7 119.5

Manual Integrations
APPROVED

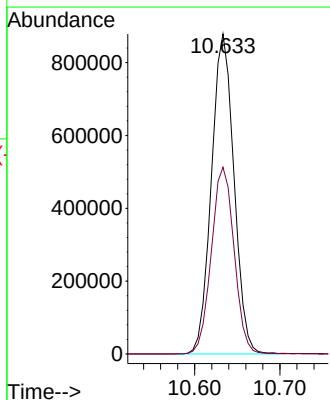
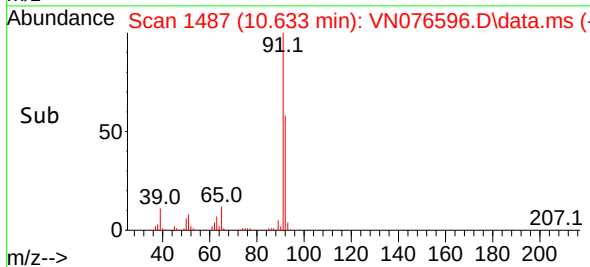
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

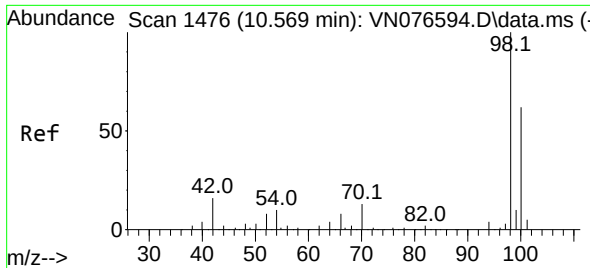


#62
Toluene
Concen: 98.728 ug/l
RT: 10.633 min Scan# 1487
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38



Tgt Ion: 91 Resp: 1615617
Ion Ratio Lower Upper
91 100
92 58.9 46.0 69.0





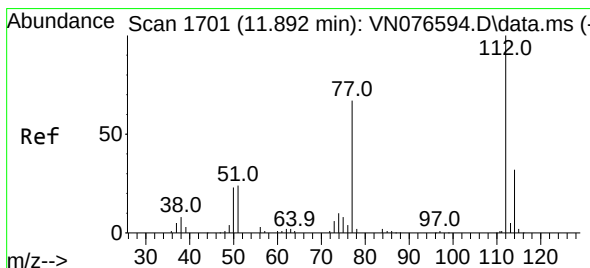
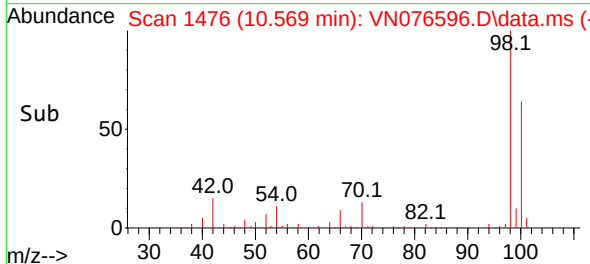
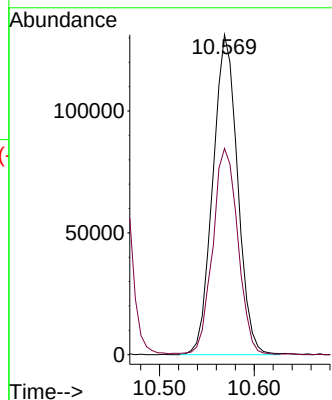
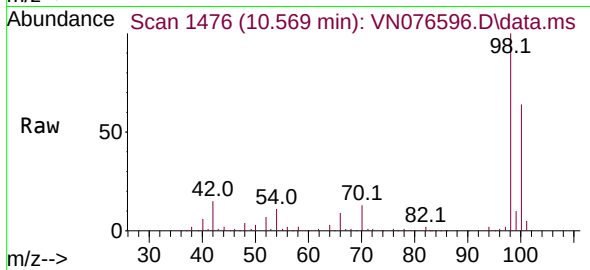
#63
Toluene-d8
Concen: 29.412 ug/l
RT: 10.569 min Scan# 1476
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 98 Resp: 238365
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1

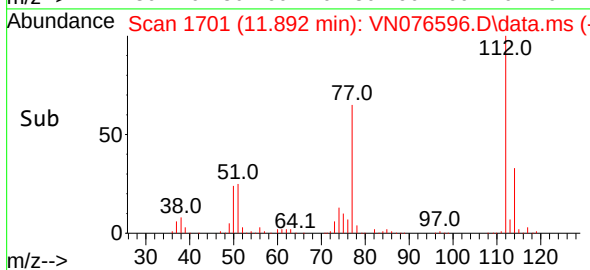
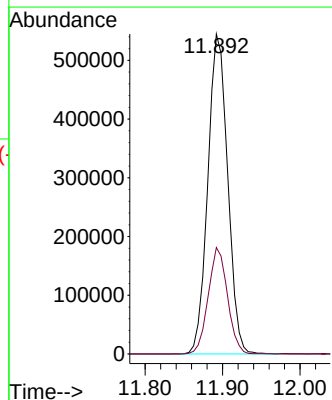
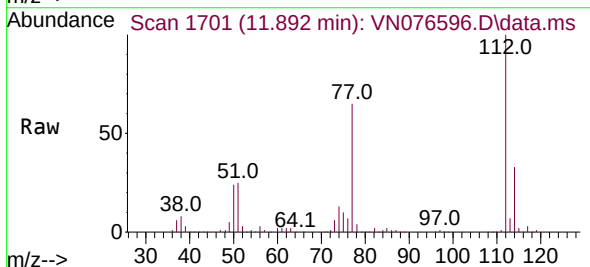
Manual Integrations
APPROVED

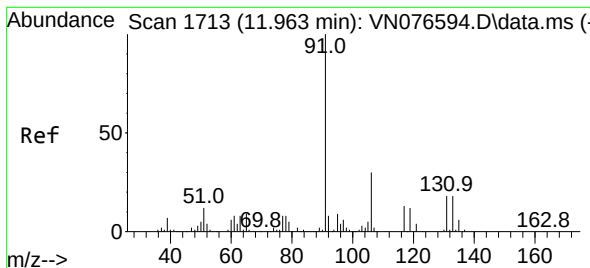
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#64
Chlorobenzene
Concen: 102.256 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

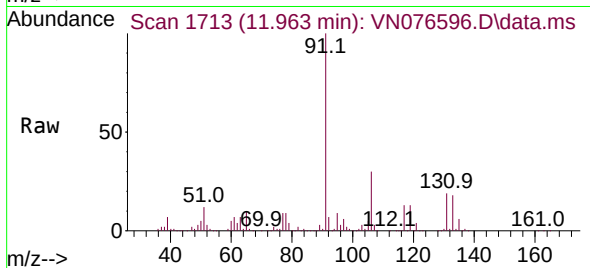
Tgt Ion:112 Resp: 969365
Ion Ratio Lower Upper
112 100
114 33.3 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 100.908 ug/l
RT: 11.963 min Scan# 1713
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

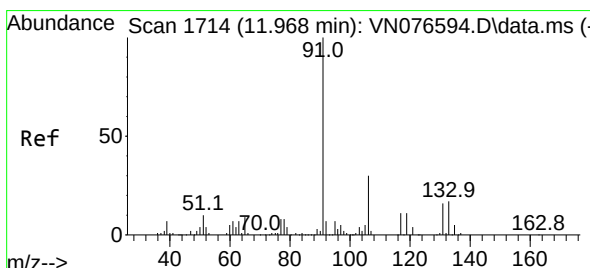
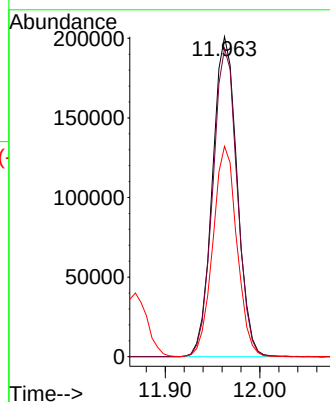
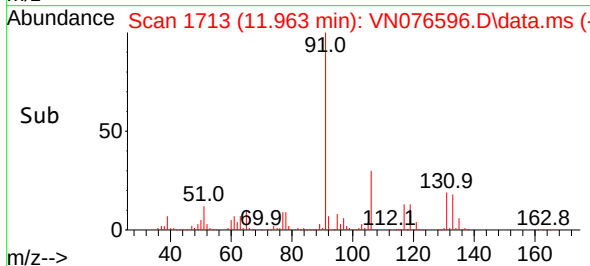
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



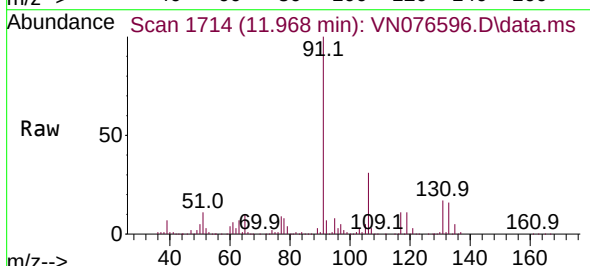
Tgt Ion:131 Resp: 362650
Ion Ratio Lower Upper
131 100
133 95.7 0.0 191.8
119 64.0 0.0 135.8

Manual Integrations
APPROVED

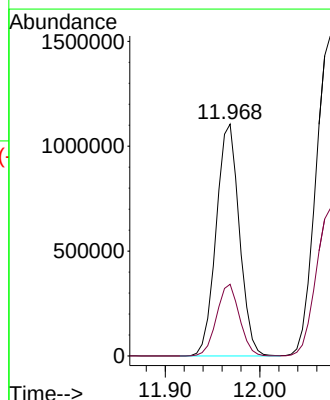
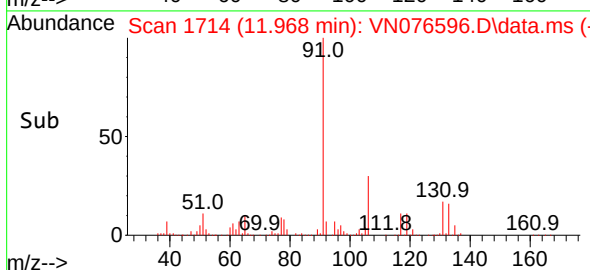
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

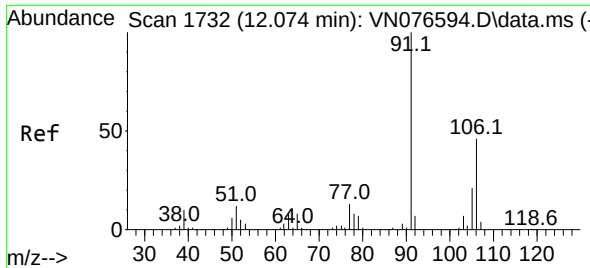


#66
Ethyl Benzene
Concen: 104.747 ug/l
RT: 11.968 min Scan# 1714
Delta R.T. 0.003 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38



Tgt Ion: 91 Resp: 1879156
Ion Ratio Lower Upper
91 100
106 30.9 24.1 36.1





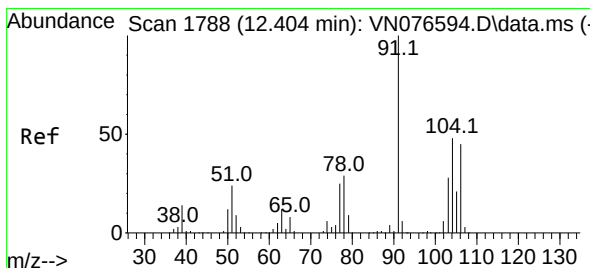
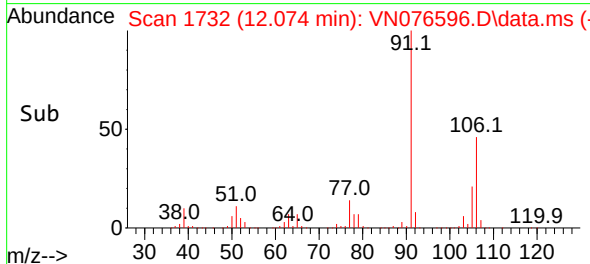
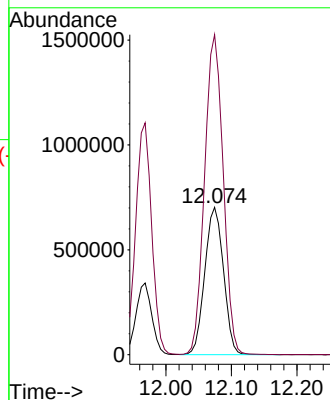
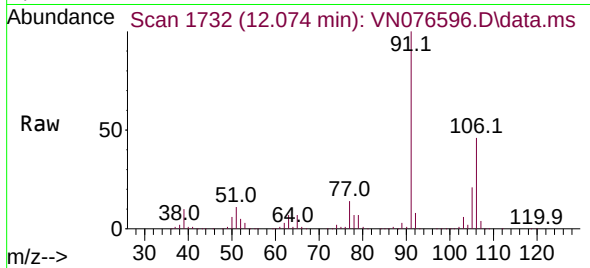
#67
m/p-Xylenes
Concen: 207.434 ug/l
RT: 12.074 min Scan# 1732
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 1396240
Ion Ratio Lower Upper
106 100
91 216.3 164.2 246.4

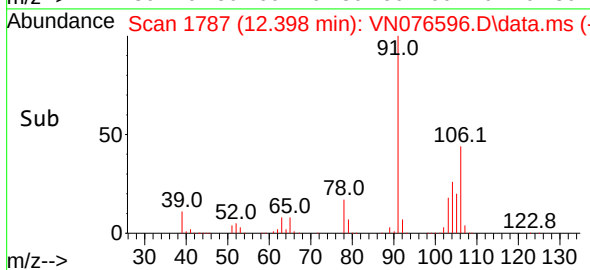
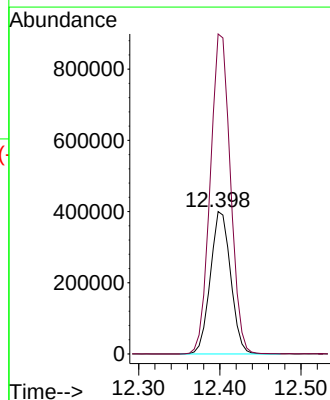
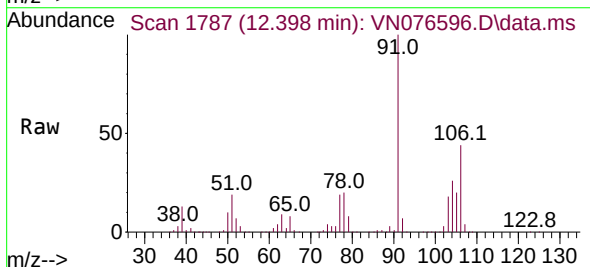
Manual Integrations
APPROVED

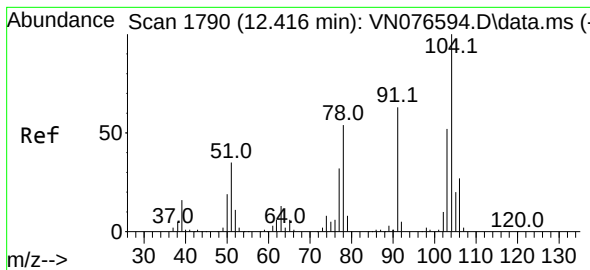
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#68
o-Xylene
Concen: 104.715 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

Tgt Ion:106 Resp: 694401
Ion Ratio Lower Upper
106 100
91 223.6 108.5 325.5





#69

Styrene

Concen: 108.251 ug/l

RT: 12.415 min Scan# 11

Delta R.T. 0.003 min

Lab File: VN076596.D

Acq: 09 Feb 2023 18:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:104 Resp: 113942

Ion Ratio Lower Upper

104 100

78 58.4 39.9 59.9

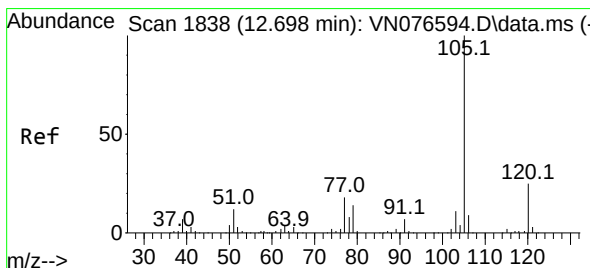
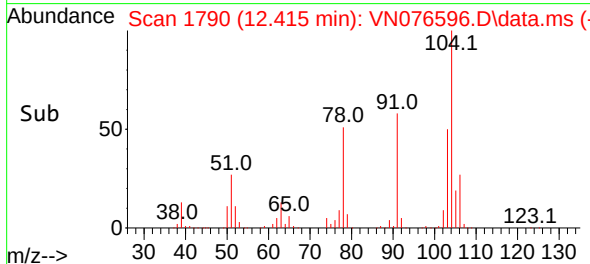
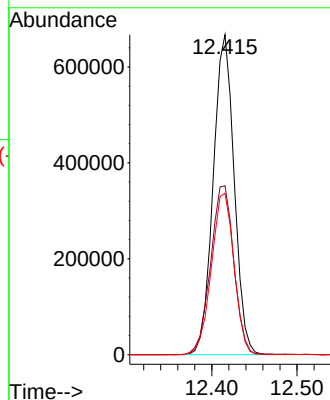
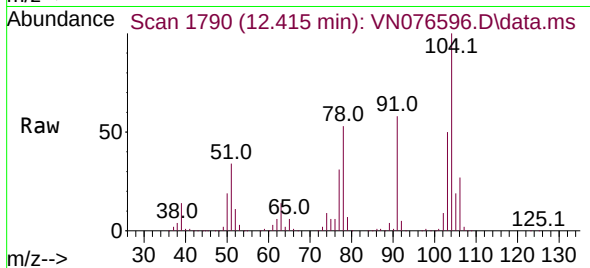
103 54.7 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#70

Isopropylbenzene

Concen: 104.191 ug/l

RT: 12.698 min Scan# 1838

Delta R.T. -0.002 min

Lab File: VN076596.D

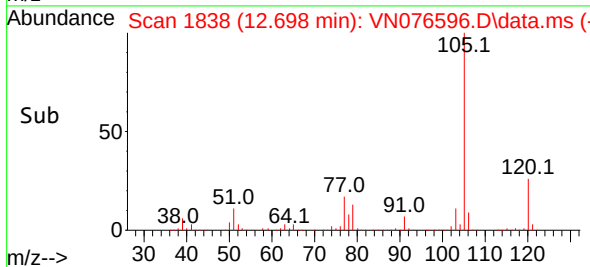
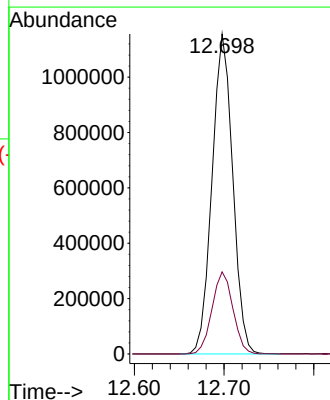
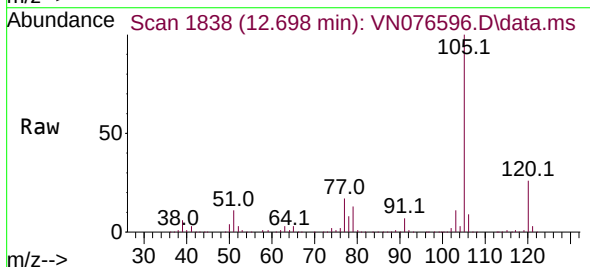
Acq: 09 Feb 2023 18:38

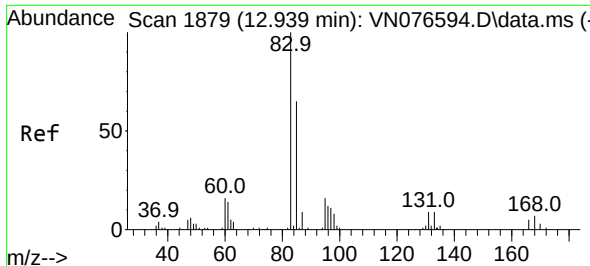
Tgt Ion:105 Resp: 1851546

Ion Ratio Lower Upper

105 100

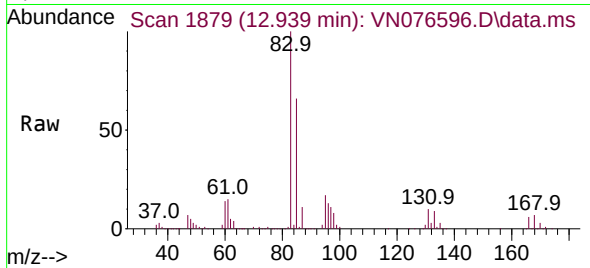
120 25.9 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 91.080 ug/l
RT: 12.939 min Scan# 1879
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

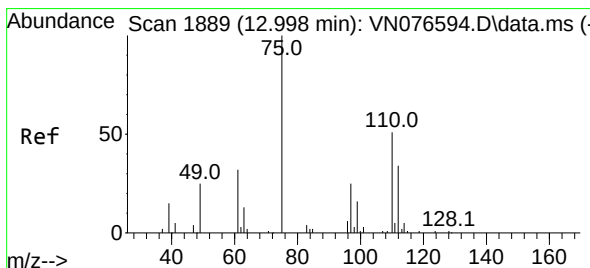
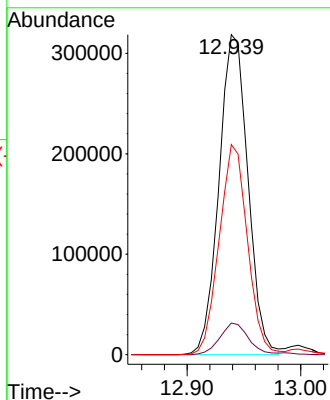
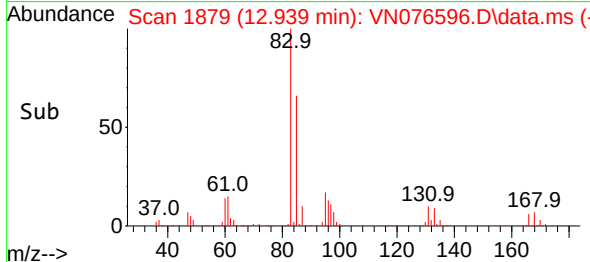
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 564295
Ion Ratio Lower Upper
83 100
131 9.8 4.5 13.5
85 64.2 30.9 92.7

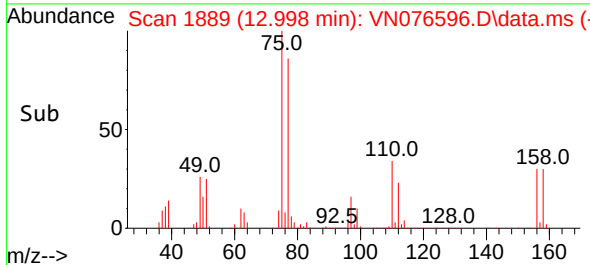
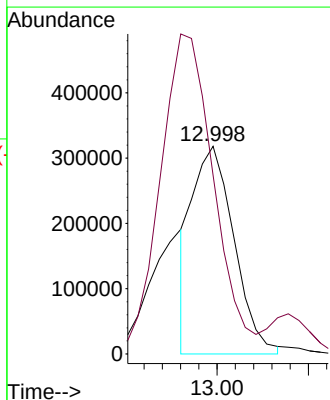
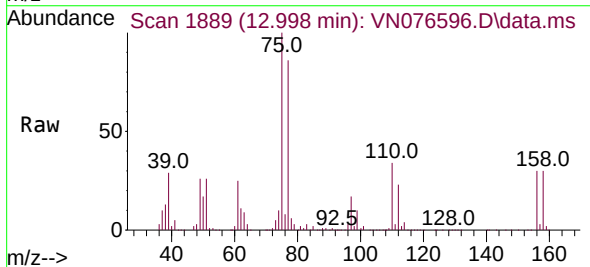
Manual Integrations
APPROVED

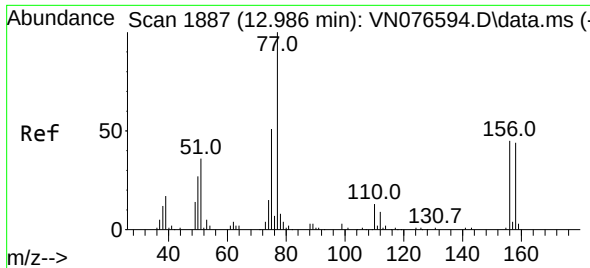
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#72
1,2,3-Trichloropropane
Concen: 89.460 ug/l m
RT: 12.998 min Scan# 1889
Delta R.T. 0.004 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

Tgt Ion: 75 Resp: 504751
Ion Ratio Lower Upper
75 100
77 196.9 0.0 372.4





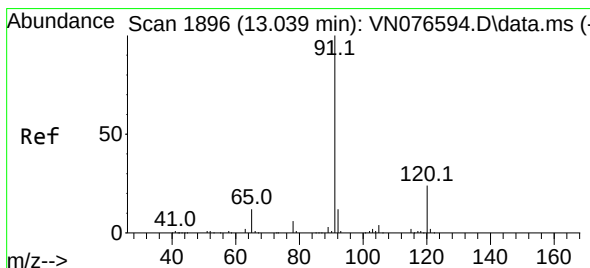
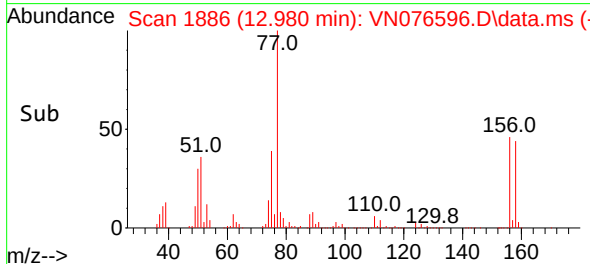
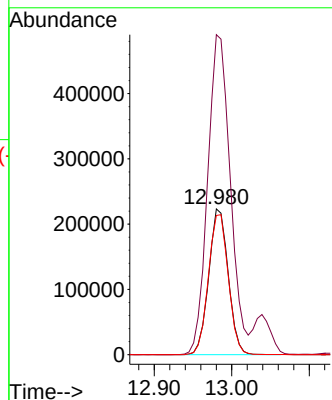
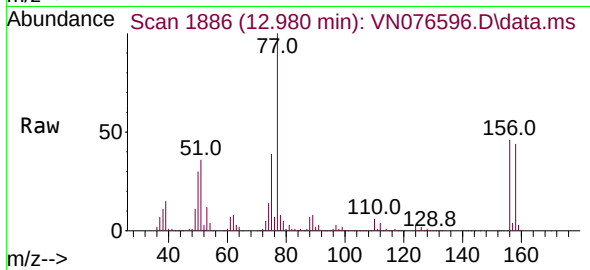
#73
Bromobenzene
Concen: 92.447 ug/l
RT: 12.980 min Scan# 1886
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:156 Resp: 389828
Ion Ratio Lower Upper
156 100
77 254.9 0.0 491.8
158 98.2 0.0 185.0

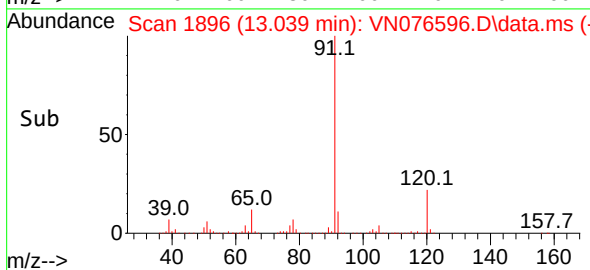
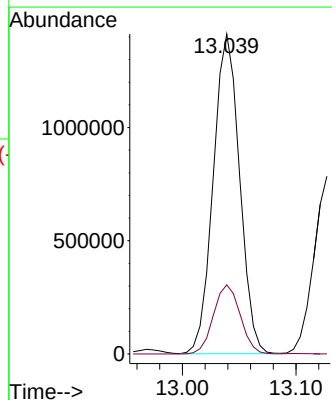
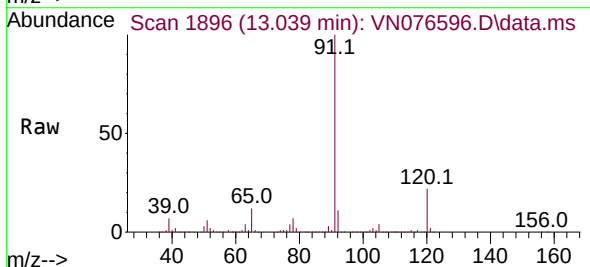
Manual Integrations
APPROVED

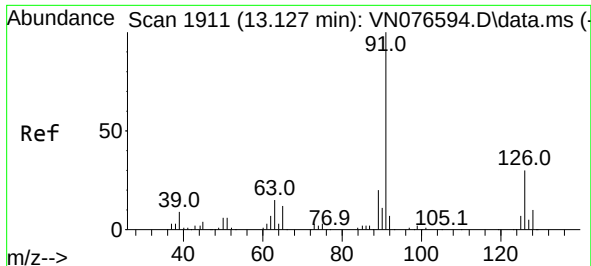
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#74
n-propylbenzene
Concen: 99.840 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

Tgt Ion: 91 Resp: 2275551
Ion Ratio Lower Upper
91 100
120 21.8 0.0 44.6





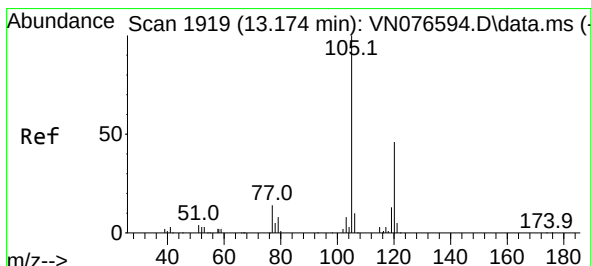
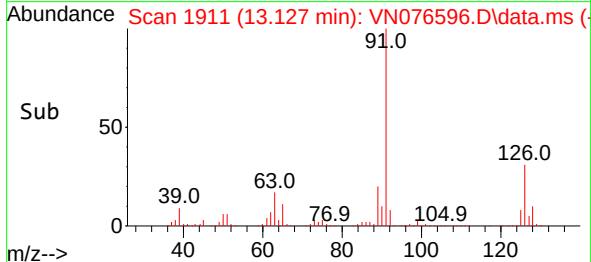
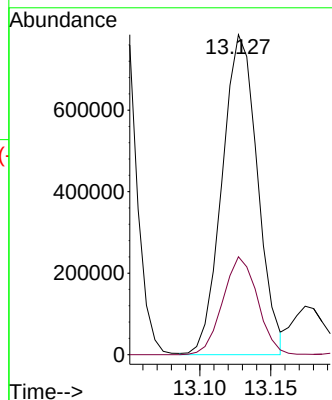
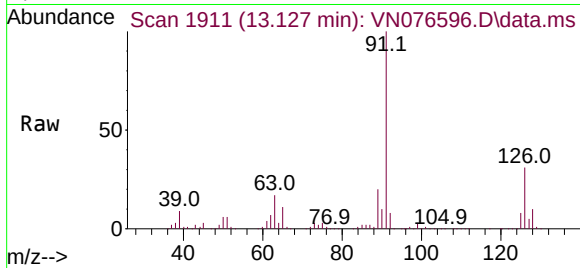
#75
2-Chlorotoluene
Concen: 94.934 ug/l
RT: 13.127 min Scan# 1911
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 136108
Ion Ratio Lower Upper
91 100
126 30.1 0.0 66.2

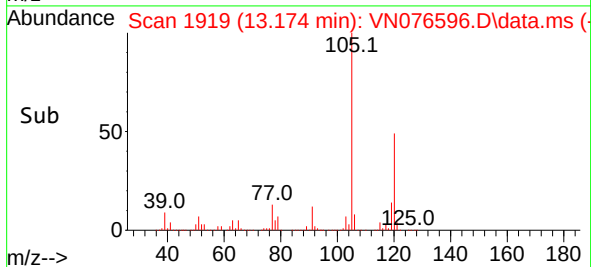
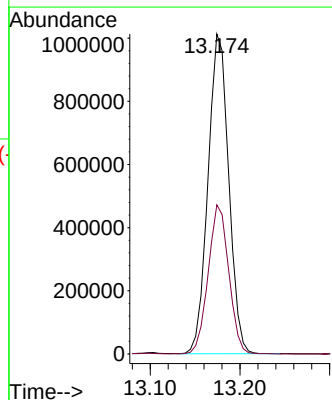
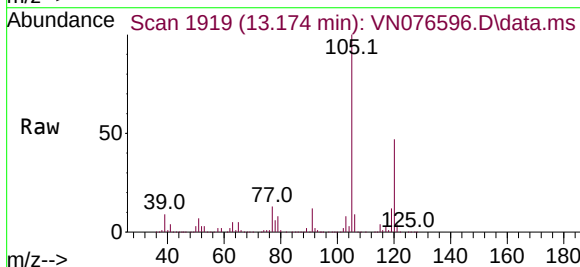
Manual Integrations
APPROVED

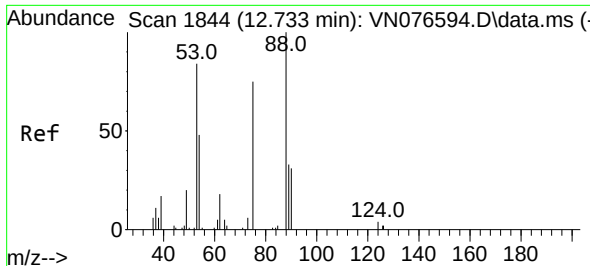
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#76
1,3,5-Trimethylbenzene
Concen: 97.796 ug/l
RT: 13.174 min Scan# 1919
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

Tgt Ion:105 Resp: 1622879
Ion Ratio Lower Upper
105 100
120 46.2 0.0 97.4





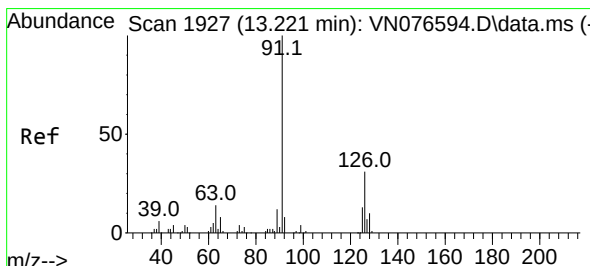
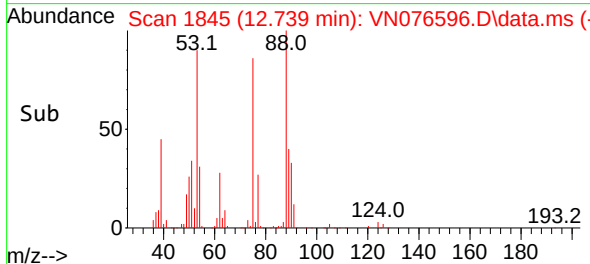
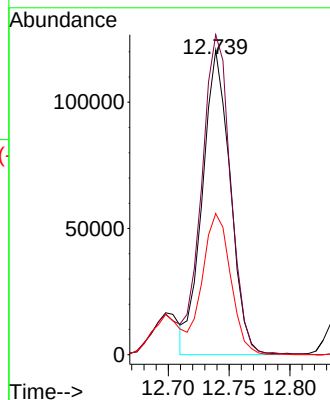
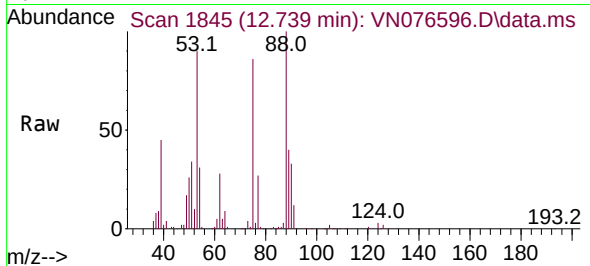
#77
t-1,4-Dichloro-2-butene
Concen: 112.749 ug/l
RT: 12.739 min Scan# 1844
Delta R.T. 0.004 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 192440
Ion Ratio Lower Upper
75 100
53 105.1 43.3 129.9
89 46.4 21.1 63.1

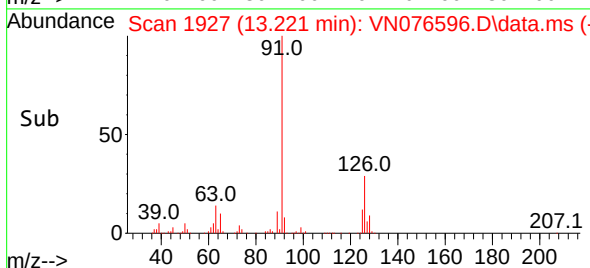
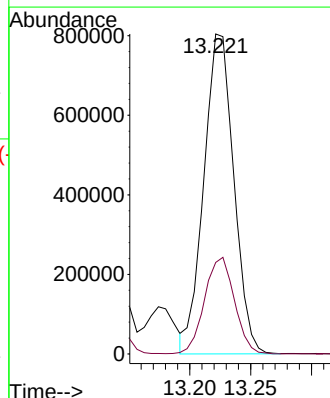
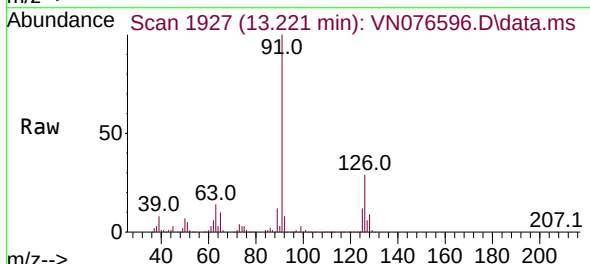
Manual Integrations
APPROVED

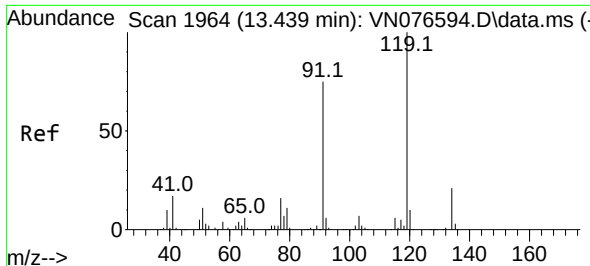
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#78
4-Chlorotoluene
Concen: 95.768 ug/l
RT: 13.221 min Scan# 1927
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

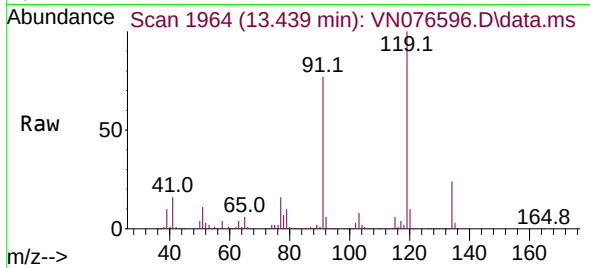
Tgt Ion: 91 Resp: 1380578
Ion Ratio Lower Upper
91 100
126 30.2 0.0 67.8





#79
tert-butylbenzene
Concen: 98.800 ug/l
RT: 13.439 min Scan# 1964
Delta R.T. -0.002 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

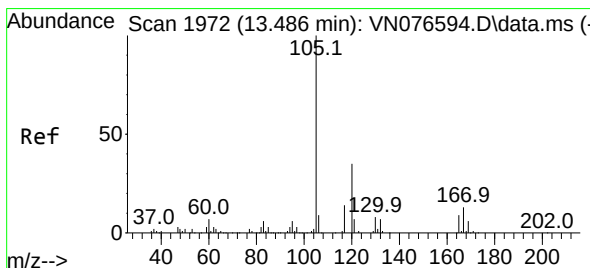
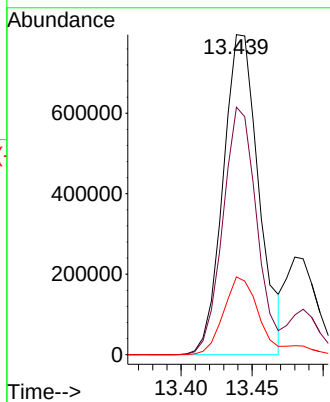
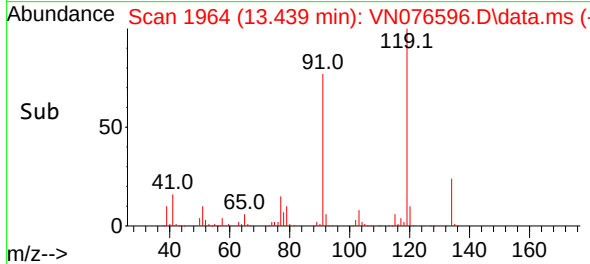
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



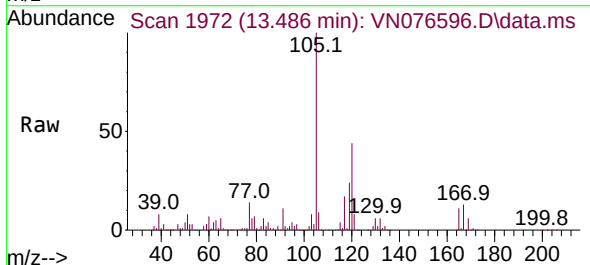
Tgt Ion:119 Resp: 1391630
Ion Ratio Lower Upper
119 100
91 73.5 0.0 129.0
134 23.3 0.0 52.2

Manual Integrations
APPROVED

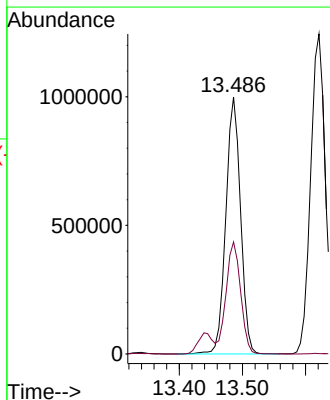
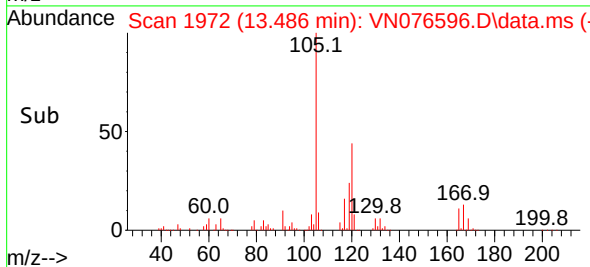
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

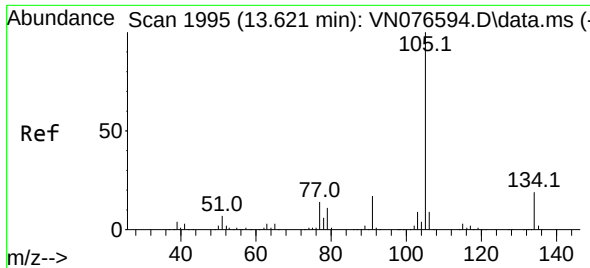


#80
1,2,4-Trimethylbenzene
Concen: 98.755 ug/l
RT: 13.486 min Scan# 1972
Delta R.T. 0.004 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38



Tgt Ion:105 Resp: 1616190
Ion Ratio Lower Upper
105 100
120 43.2 0.0 93.2





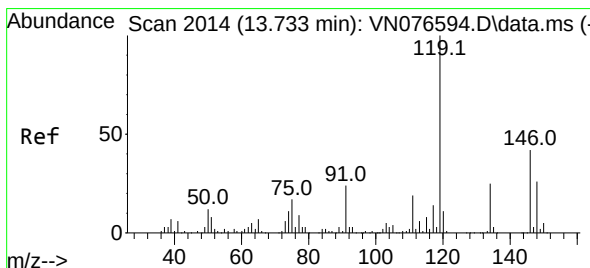
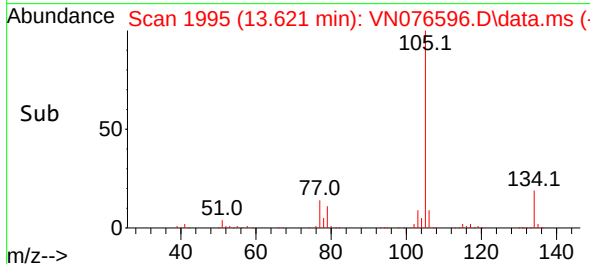
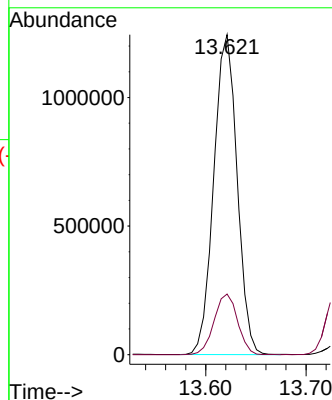
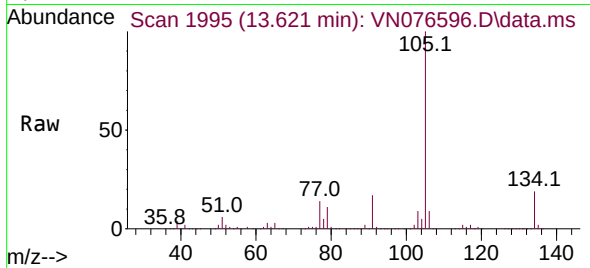
#81
 sec-Butylbenzene
 Concen: 101.921 ug/l
 RT: 13.621 min Scan# 1995
 Delta R.T. 0.003 min
 Lab File: VN076596.D
 Acq: 09 Feb 2023 18:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 201019
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 38.8

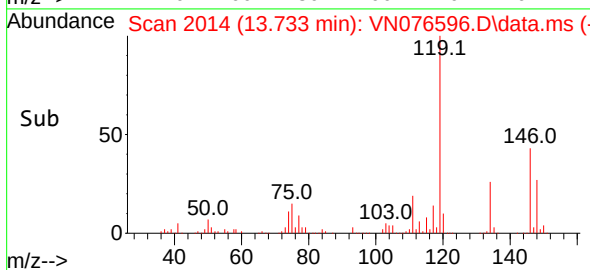
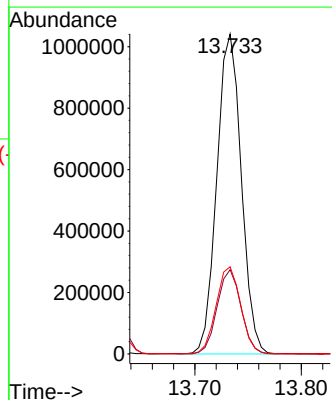
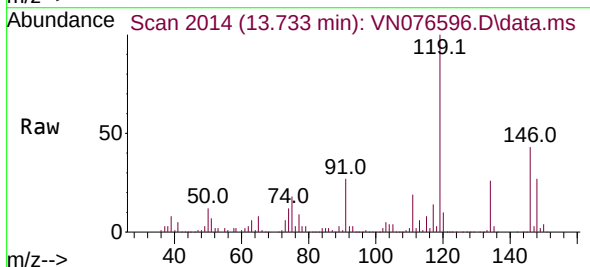
Manual Integrations
 APPROVED

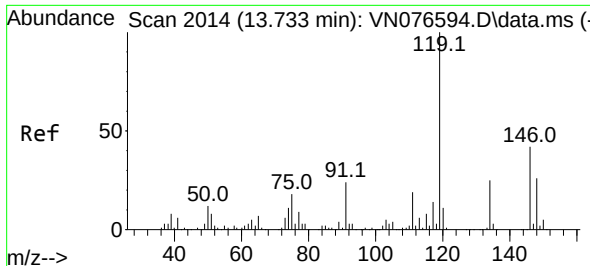
Reviewed By :John Carlone 02/10/2023
 Supervised By :Semsettin Yesilyurt 02/10/2023



#82
 p-Isopropyltoluene
 Concen: 104.811 ug/l
 RT: 13.733 min Scan# 2014
 Delta R.T. 0.004 min
 Lab File: VN076596.D
 Acq: 09 Feb 2023 18:38

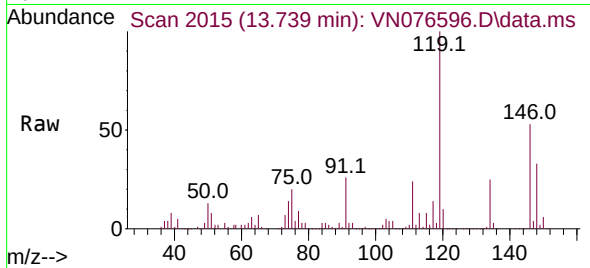
Tgt Ion:119 Resp: 1661002
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 51.4
 91 27.3 0.0 46.8





#83
1,3-Dichlorobenzene
Concen: 100.056 ug/l
RT: 13.739 min Scan# 2014
Delta R.T. 0.004 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

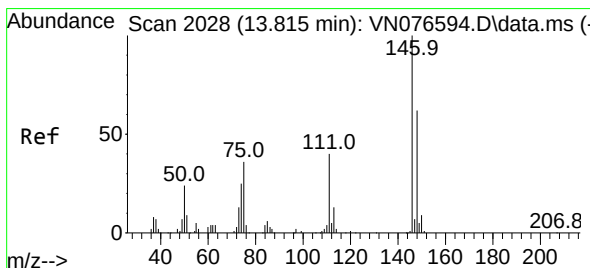
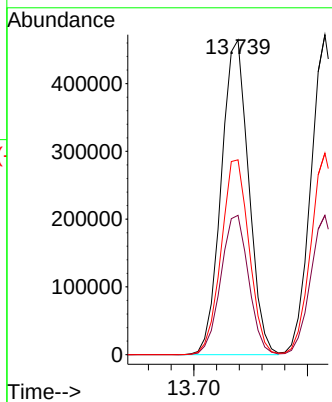
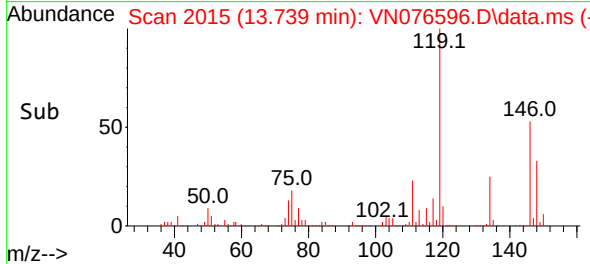
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



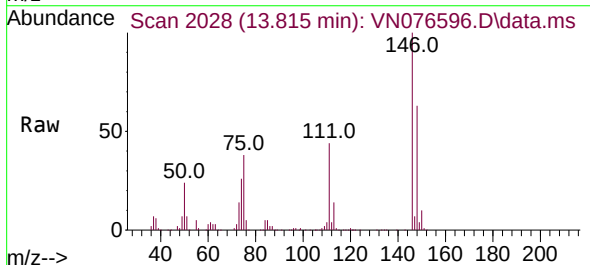
Tgt Ion:146 Resp: 780379
Ion Ratio Lower Upper
146 100
111 44.7 20.5 61.5
148 62.8 31.0 93.0

Manual Integrations
APPROVED

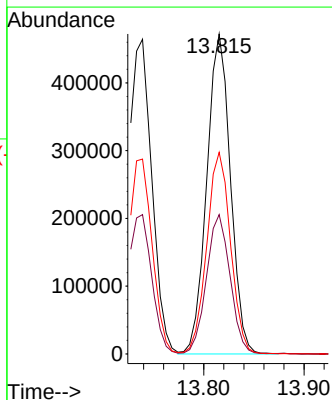
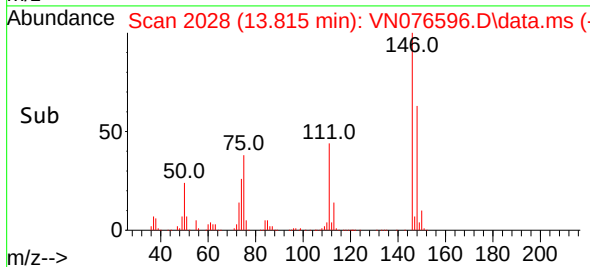
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

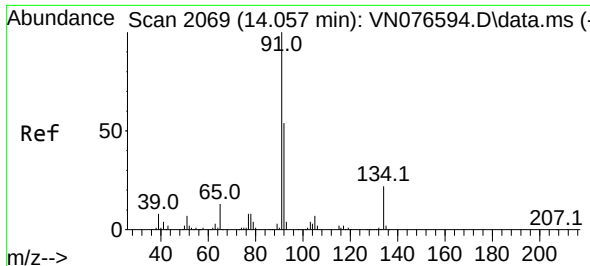


#84
1,4-Dichlorobenzene
Concen: 99.715 ug/l
RT: 13.815 min Scan# 2028
Delta R.T. 0.003 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38



Tgt Ion:146 Resp: 775925
Ion Ratio Lower Upper
146 100
111 43.5 19.1 57.5
148 63.3 31.7 95.1





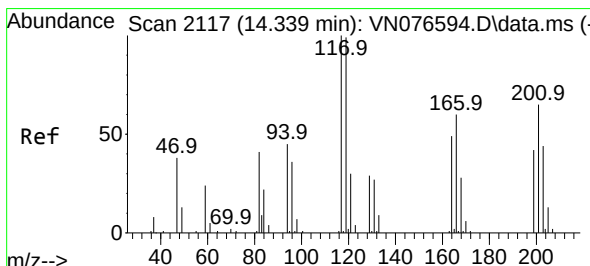
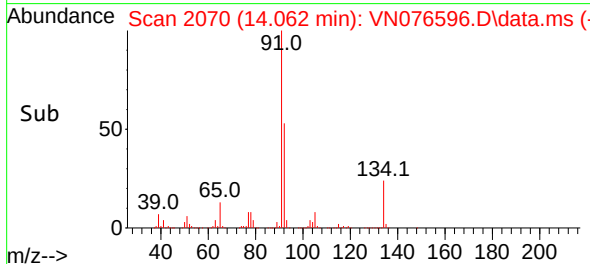
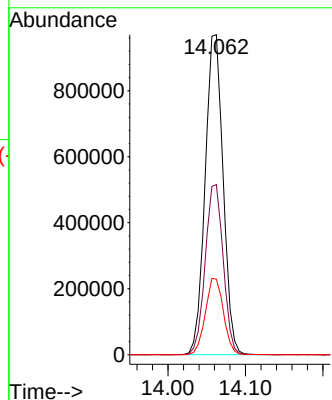
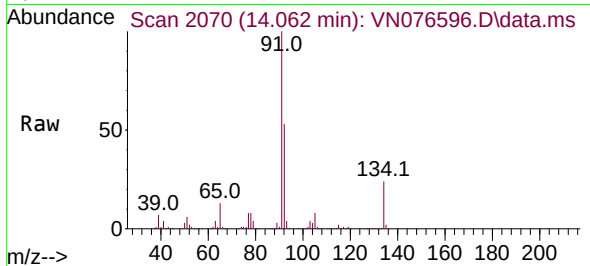
#85
n-Butylbenzene
Concen: 106.265 ug/l
RT: 14.062 min Scan# 2069
Delta R.T. 0.003 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 156384
Ion Ratio Lower Upper
91 100
92 53.2 0.0 105.4
134 23.9 0.0 46.4

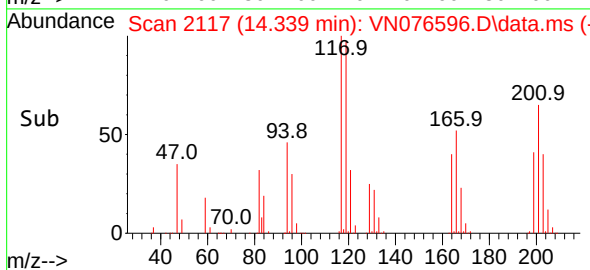
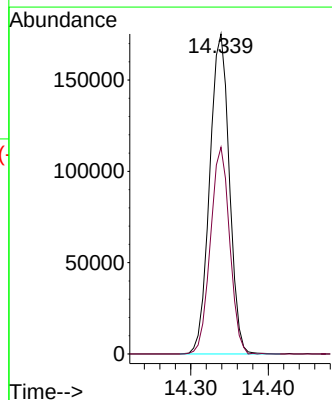
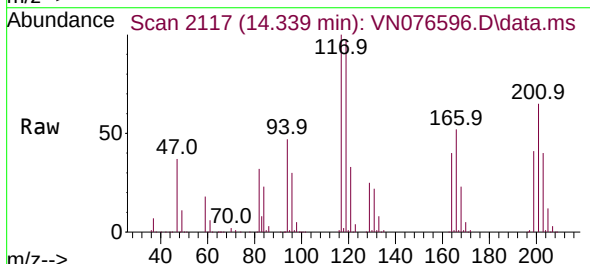
Manual Integrations
APPROVED

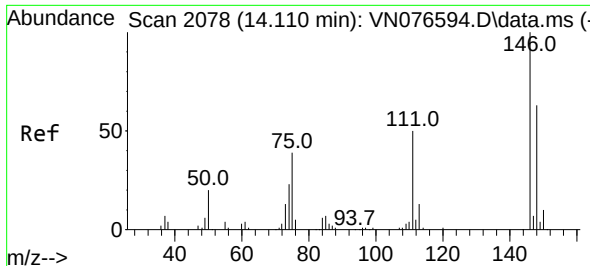
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#86
Hexachloroethane
Concen: 100.013 ug/l
RT: 14.339 min Scan# 2117
Delta R.T. 0.010 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

Tgt Ion:117 Resp: 307748
Ion Ratio Lower Upper
117 100
201 63.2 29.4 88.3





#87

1,2-Dichlorobenzene

Concen: 91.017 ug/l

RT: 14.109 min Scan# 2078

Delta R.T. 0.003 min

Lab File: VN076596.D

Acq: 09 Feb 2023 18:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 77926

Ion Ratio Lower Upper

146 100

111 46.7 21.4 64.2

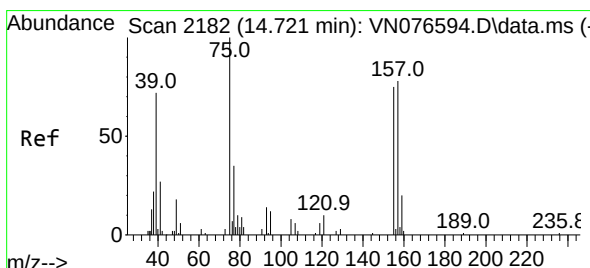
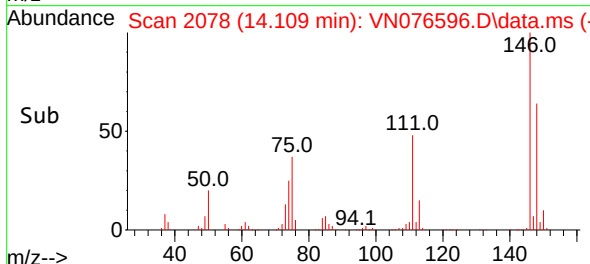
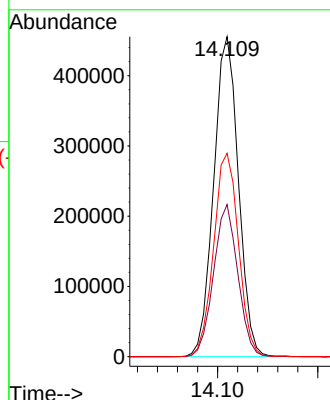
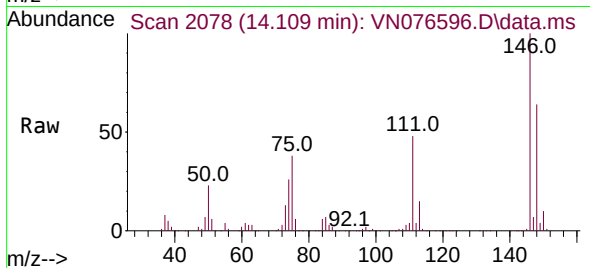
148 63.9 30.6 92.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 110.353 ug/l

RT: 14.721 min Scan# 2182

Delta R.T. 0.004 min

Lab File: VN076596.D

Acq: 09 Feb 2023 18:38

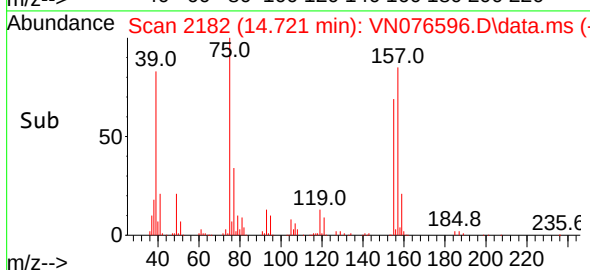
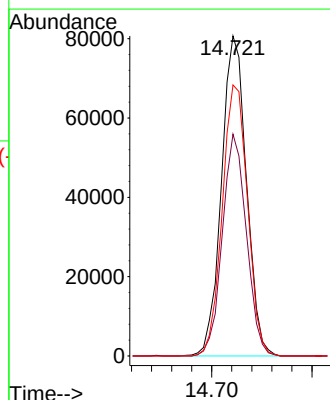
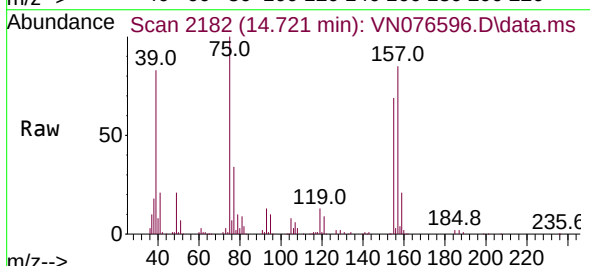
Tgt Ion: 75 Resp: 139371

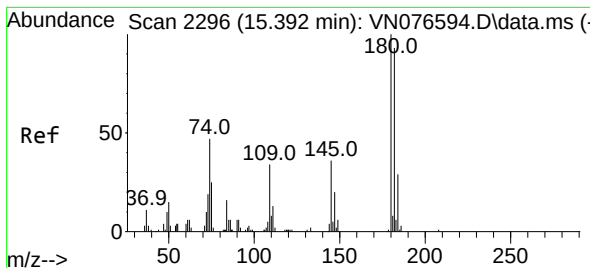
Ion Ratio Lower Upper

75 100

155 66.7 66.3 99.5

157 85.5 84.3 126.5





#89

1,2,4-Trichlorobenzene

Concen: 120.745 ug/l

RT: 15.398 min Scan# 21

Delta R.T. 0.004 min

Lab File: VN076596.D

Acq: 09 Feb 2023 18:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 43114

Ion Ratio Lower Upper

180 100

182 93.8 74.9 112.3

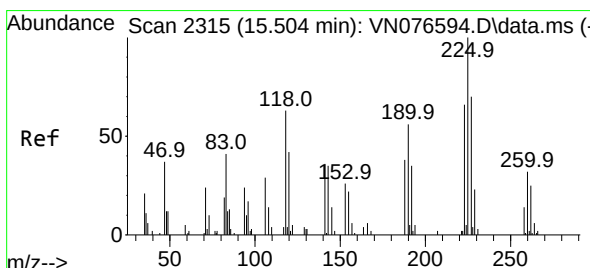
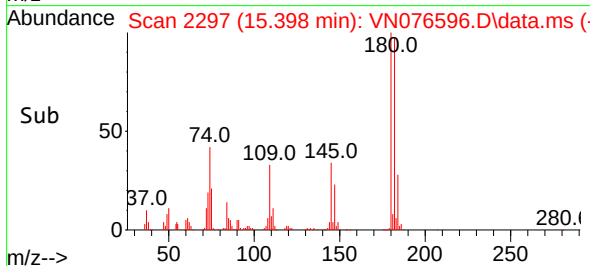
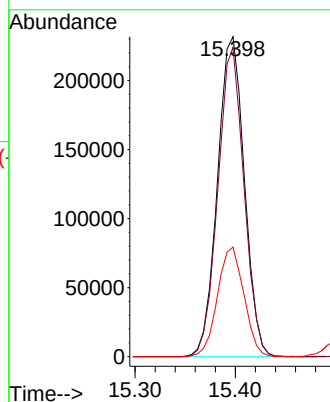
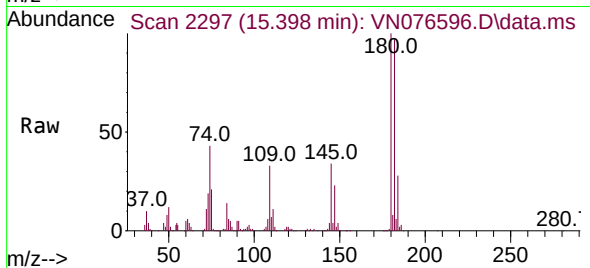
145 33.8 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#90

Hexachlorobutadiene

Concen: 112.933 ug/l

RT: 15.503 min Scan# 2315

Delta R.T. 0.003 min

Lab File: VN076596.D

Acq: 09 Feb 2023 18:38

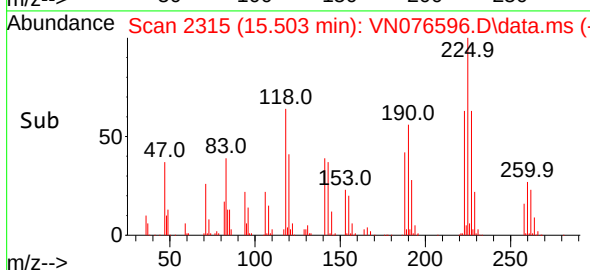
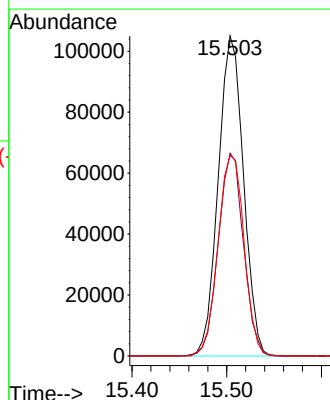
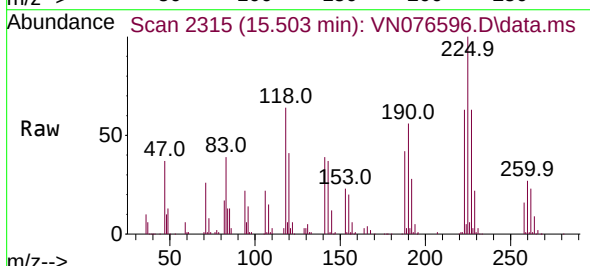
Tgt Ion:225 Resp: 194809

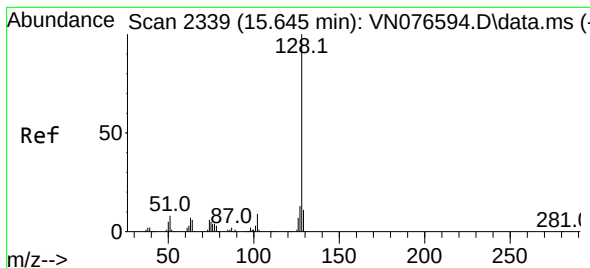
Ion Ratio Lower Upper

225 100

223 63.2 0.0 125.0

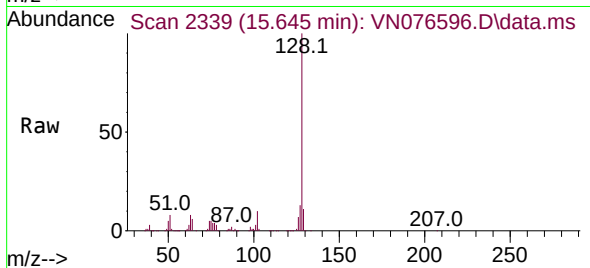
227 64.4 0.0 123.0





#91
Naphthalene
Concen: 120.412 ug/l
RT: 15.645 min Scan# 2339
Delta R.T. 0.004 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38

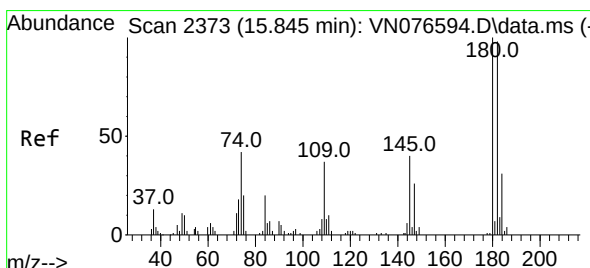
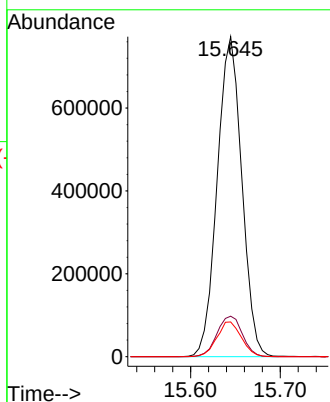
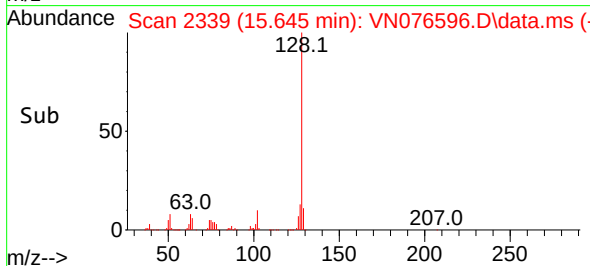
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



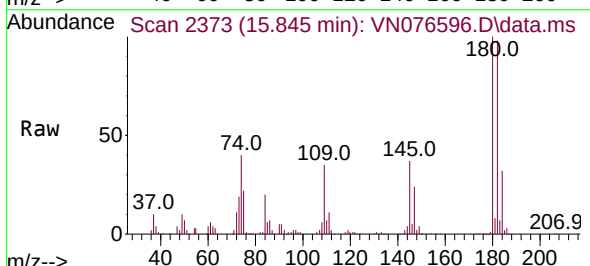
Tgt Ion:128 Resp: 146697
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#92
1,2,3-Trichlorobenzene
Concen: 115.453 ug/l
RT: 15.845 min Scan# 2373
Delta R.T. 0.004 min
Lab File: VN076596.D
Acq: 09 Feb 2023 18:38



Tgt Ion:180 Resp: 411453
Ion Ratio Lower Upper
180 100
182 96.1 0.0 185.4
145 36.5 0.0 68.6

