

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032523\
 Data File : VN077191.D
 Acq On : 24 Mar 2023 22:30
 Operator : JC\MD
 Sample : VSTDIC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Quant Time: Mar 27 02:27:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:24:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 03/27/2023
 Supervised By : Mahesh Dadoda 03/27/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	466593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	817096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	752537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	357279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	519452	71.203	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 142.400%#			
35) Dibromofluoromethane	8.172	113	391941	70.691	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 141.380%#			
50) Toluene-d8	10.572	98	1541955	74.222	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 148.440%#			
62) 4-Bromofluorobenzene	12.848	95	529822	77.706	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 155.420%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	316796	65.087	ug/l	99
3) Chloromethane	2.372	50	489688	71.716	ug/l	95
4) Vinyl Chloride	2.525	62	559939	72.602	ug/l	98
5) Bromomethane	2.937	94	436073	70.834	ug/l	92
6) Chloroethane	3.119	64	463082	69.256	ug/l	100
7) Trichlorofluoromethane	3.502	101	668224	56.504	ug/l	94
8) Diethyl Ether	3.972	74	447957	115.080	ug/l	62
9) 1,1,2-Trichlorotrifluo...	4.378	101	362197	71.557	ug/l	98
10) Methyl Iodide	4.601	142	457534	80.118	ug/l	92
11) Tert butyl alcohol	5.537	59	369130	371.254	ug/l	100
12) 1,1-Dichloroethene	4.349	96	358612	74.487	ug/l	88
13) Acrolein	4.190	56	518493	371.797	ug/l	98
14) Allyl chloride	5.037	41	638483	70.590	ug/l #	84
15) Acrylonitrile	5.731	53	1135340	366.274	ug/l	99
16) Acetone	4.437	43	968594	357.073	ug/l	90
17) Carbon Disulfide	4.725	76	1018006	75.567	ug/l	97
18) Methyl Acetate	5.031	43	784229	72.264	ug/l #	81
19) Methyl tert-butyl Ether	5.801	73	1288599	75.296	ug/l	96
20) Methylene Chloride	5.290	84	430482	71.266	ug/l #	76
21) trans-1,2-Dichloroethene	5.796	96	386625	73.178	ug/l #	80
22) Diisopropyl ether	6.684	45	1443741	74.053	ug/l #	90
23) Vinyl Acetate	6.613	43	4898382	389.369	ug/l #	88
24) 1,1-Dichloroethane	6.578	63	787298	72.232	ug/l	97
25) 2-Butanone	7.490	43	1581755	372.933	ug/l #	81
26) 2,2-Dichloropropane	7.495	77	556205	73.998	ug/l	99
27) cis-1,2-Dichloroethene	7.490	96	452610	74.266	ug/l	84
28) Bromochloromethane	7.819	49	387781	69.768	ug/l #	72
29) Tetrahydrofuran	7.842	42	1044646	371.797	ug/l #	74
30) Chloroform	7.972	83	780737	72.725	ug/l	99
31) Cyclohexane	8.260	56	716354	70.684	ug/l	83
32) 1,1,1-Trichloroethane	8.172	97	686499	74.484	ug/l	94
36) 1,1-Dichloropropene	8.378	75	584772	75.782	ug/l	96
37) Ethyl Acetate	7.566	43	631407	73.409	ug/l #	91
38) Carbon Tetrachloride	8.366	117	587206	75.052	ug/l	97
39) Methylcyclohexane	9.601	83	705218	78.248	ug/l #	83
40) Benzene	8.613	78	1749909	73.995	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.790	41	340710	72.475	ug/l #	80
42) 1,2-Dichloroethane	8.672	62	640881	71.874	ug/l	95
43) Isopropyl Acetate	8.695	43	1063233	76.622	ug/l #	85
44) Trichloroethene	9.354	130	408988	75.481	ug/l	100
45) 1,2-Dichloropropane	9.625	63	458550	72.907	ug/l	99
46) Dibromomethane	9.713	93	301366	73.312	ug/l	98
47) Bromodichloromethane	9.889	83	615746	75.315	ug/l	98
48) Methyl methacrylate	9.684	41	512915	76.758	ug/l #	77
49) 1,4-Dioxane	9.701	88	170938	1500.550	ug/l #	87
51) 4-Methyl-2-Pentanone	10.448	43	3288803	376.685	ug/l #	86
52) Toluene	10.631	92	1091776	75.699	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	661809	79.772	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	709789	78.177	ug/l #	83
55) 1,1,2-Trichloroethane	11.019	97	419052	74.015	ug/l	94
56) Ethyl methacrylate	10.878	69	680656	81.440	ug/l #	68
57) 1,3-Dichloropropane	11.166	76	750430	74.349	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.160	63	1281259	392.993	ug/l	90
59) 2-Hexanone	11.201	43	2397962	382.165	ug/l	83
60) Dibromochloromethane	11.360	129	452428	77.787	ug/l	98
61) 1,2-Dibromoethane	11.472	107	431967	76.771	ug/l	99
64) Tetrachloroethene	11.107	164	349785	74.930	ug/l	97
65) Chlorobenzene	11.895	112	1132857	74.716	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	412387	74.449	ug/l	99
67) Ethyl Benzene	11.966	91	2120407	76.874	ug/l	98
68) m/p-Xylenes	12.072	106	1628546	155.228	ug/l	94
69) o-Xylene	12.401	106	795742	78.325	ug/l	90
70) Styrene	12.413	104	1317466	80.282	ug/l	95
71) Bromoform	12.577	173	324436	79.074	ug/l #	99
73) Isopropylbenzene	12.695	105	2101086	74.743	ug/l	98
74) N-amyl acetate	12.495	43	920881	75.178	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.942	83	636336	67.771	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	561630m	72.766	ug/l	
77) Bromobenzene	12.983	156	475744	73.514	ug/l	95
78) n-propylbenzene	13.036	91	2467851	76.124	ug/l	97
79) 2-Chlorotoluene	13.130	91	1461535	73.313	ug/l	95
80) 1,3,5-Trimethylbenzene	13.172	105	1777593	75.935	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.742	75	200277	79.643	ug/l #	75
82) 4-Chlorotoluene	13.224	91	1434648	75.817	ug/l	95
83) tert-Butylbenzene	13.442	119	1506584	76.094	ug/l	96
84) 1,2,4-Trimethylbenzene	13.483	105	1768770	76.887	ug/l	97
85) sec-Butylbenzene	13.619	105	2191408	77.602	ug/l	98
86) p-Isopropyltoluene	13.730	119	1782327	78.806	ug/l	96
87) 1,3-Dichlorobenzene	13.736	146	872990	74.740	ug/l	100
88) 1,4-Dichlorobenzene	13.813	146	854358	73.132	ug/l	99
89) n-Butylbenzene	14.060	91	1569096	84.625	ug/l	97
90) Hexachloroethane	14.336	117	318744	75.627	ug/l	92
91) 1,2-Dichlorobenzene	14.107	146	858535	73.693	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	124804	75.116	ug/l	86
93) 1,2,4-Trichlorobenzene	15.395	180	428670	73.324	ug/l	98
94) Hexachlorobutadiene	15.507	225	217419	73.569	ug/l	99
95) Naphthalene	15.642	128	1439951	72.233	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	422747	73.272	ug/l	98

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

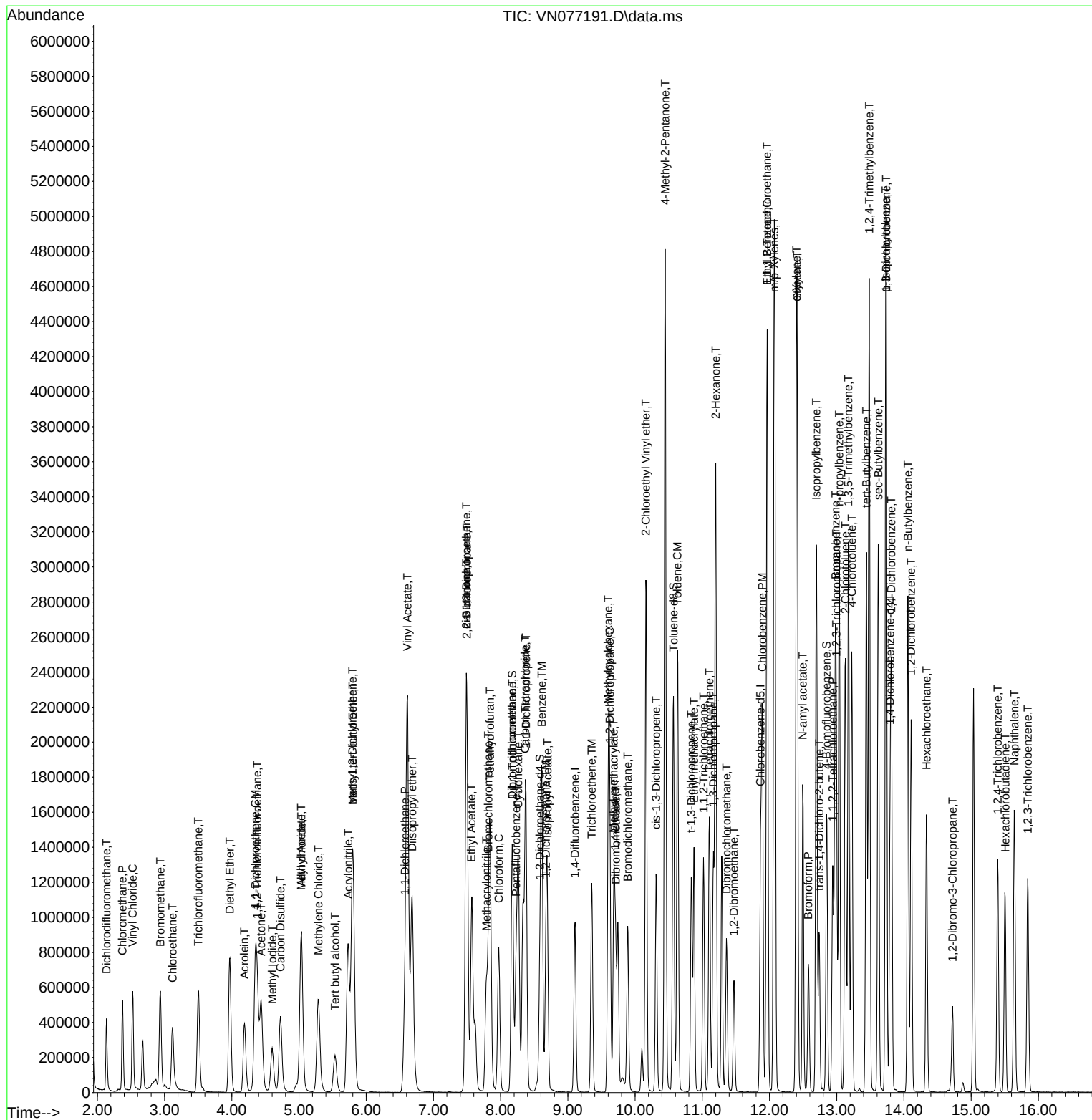
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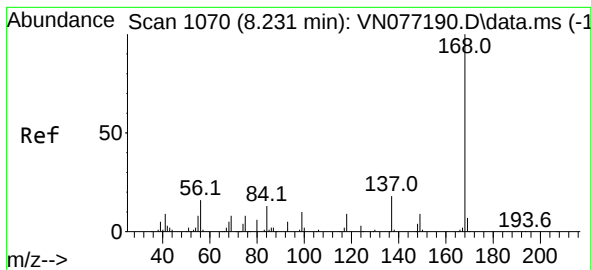
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VN077191.D

Acq: 24 Mar 2023 22:30

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MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion:168 Resp: 46659

Ion Ratio Lower Upper

168 100

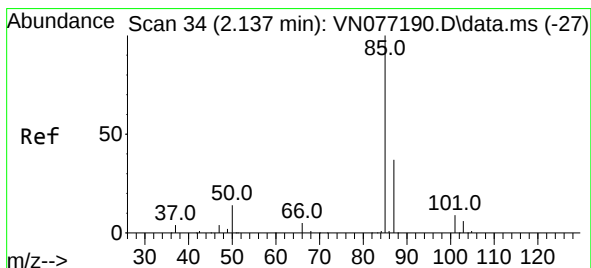
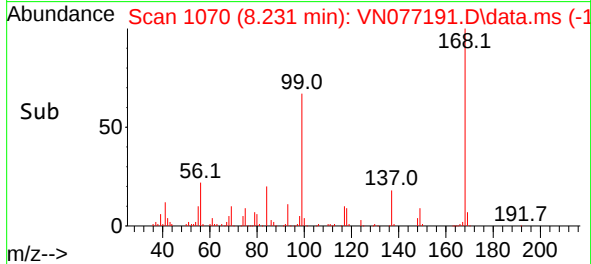
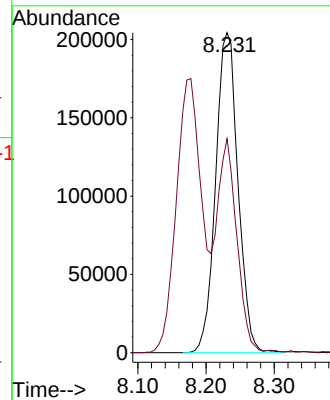
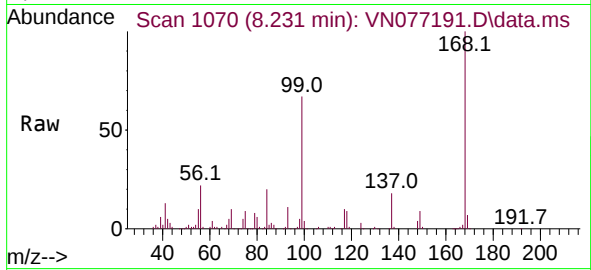
99 66.6 48.6 73.0

Manual Integrations

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Supervised By :Mahesh Dadoda 03/27/2023



#2

Dichlorodifluoromethane

Concen: 65.087 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN077191.D

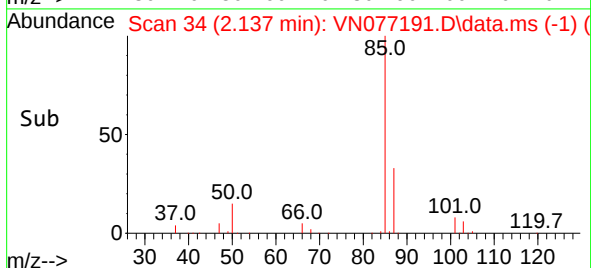
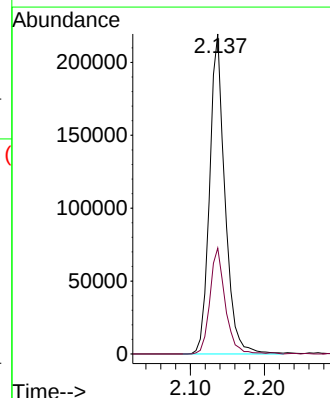
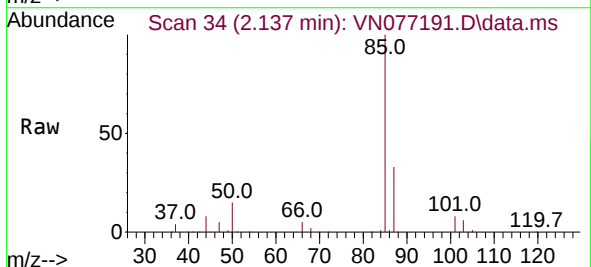
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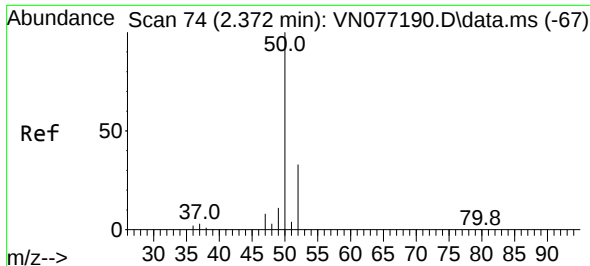
Tgt Ion: 85 Resp: 316796

Ion Ratio Lower Upper

85 100

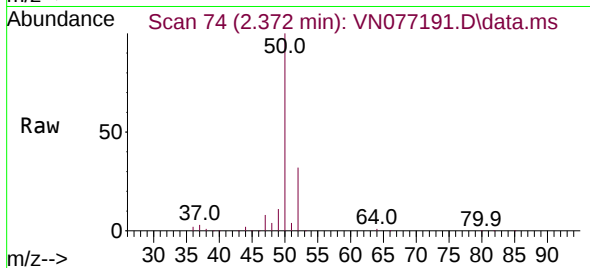
87 33.1 16.2 48.6





#3
Chloromethane
Concen: 71.716 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077191.D
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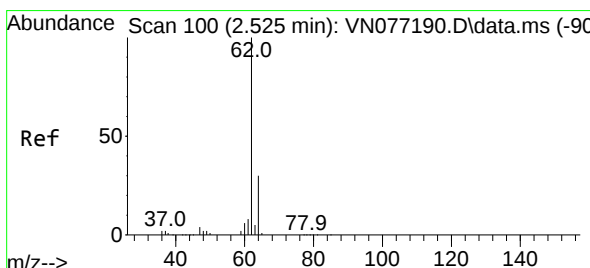
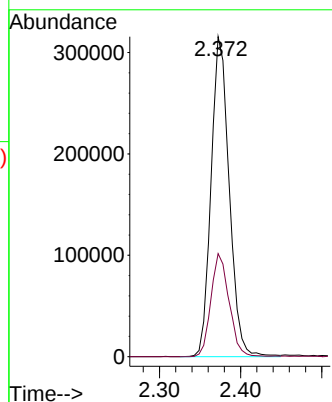
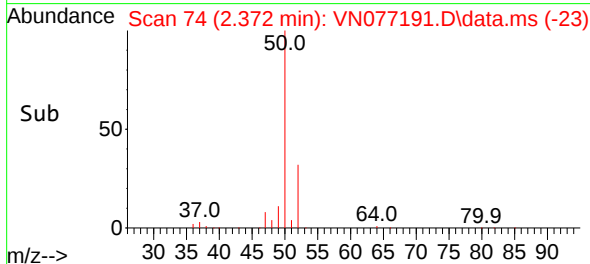
Instrument :
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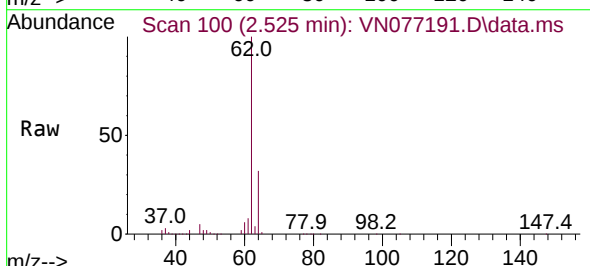
Tgt Ion: 50 Resp: 489688
Ion Ratio Lower Upper
50 100
52 32.2 27.9 41.9

Manual Integrations
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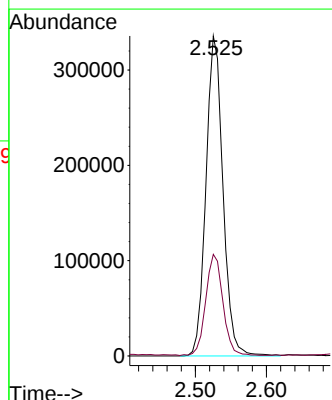
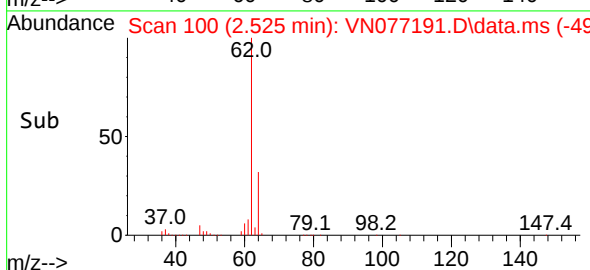
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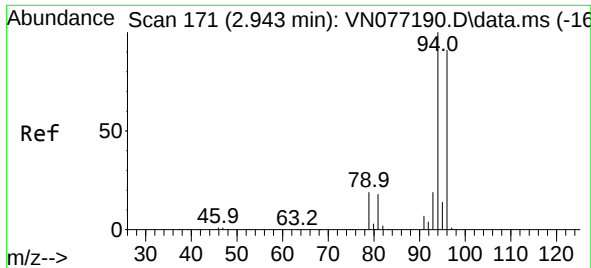


#4
Vinyl Chloride
Concen: 72.602 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30



Tgt Ion: 62 Resp: 559939
Ion Ratio Lower Upper
62 100
64 31.6 24.5 36.7





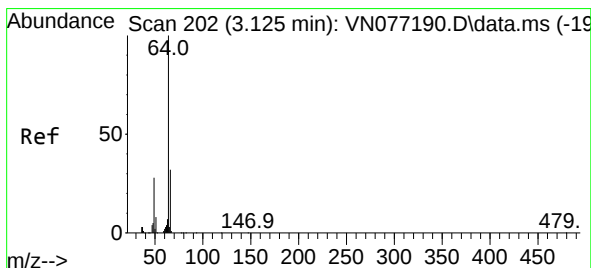
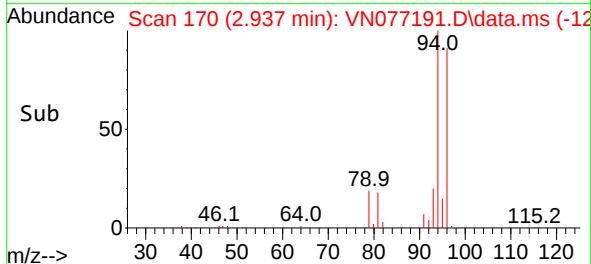
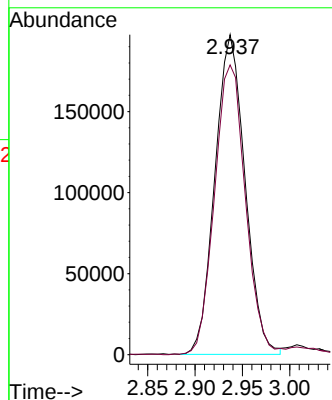
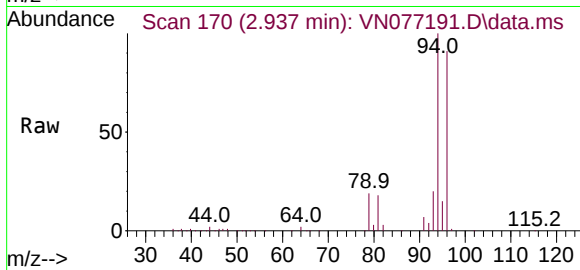
#5
Bromomethane
Concen: 70.834 ug/l
RT: 2.937 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077191.D
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Tgt Ion: 94 Resp: 43607
Ion Ratio Lower Upper
94 100
96 90.5 79.0 118.6

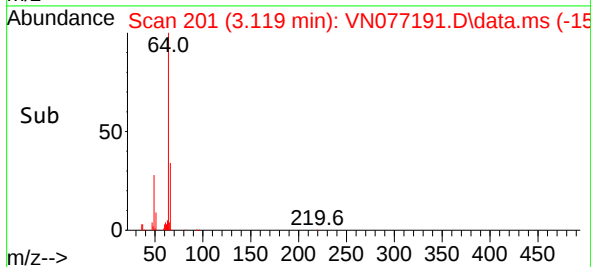
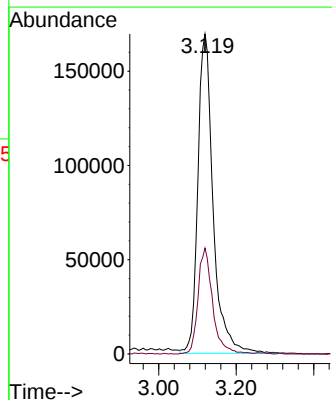
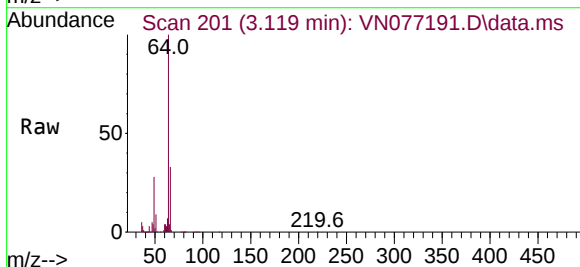
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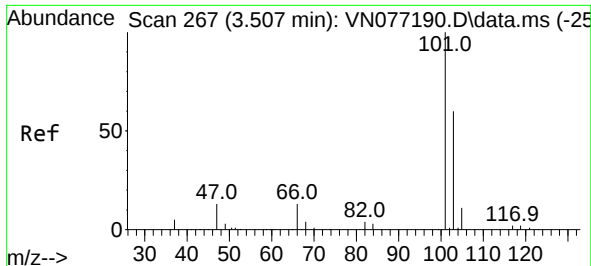
Reviewed By :Semsettin Yesilyurt 03/27/2023
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#6
Chloroethane
Concen: 69.256 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

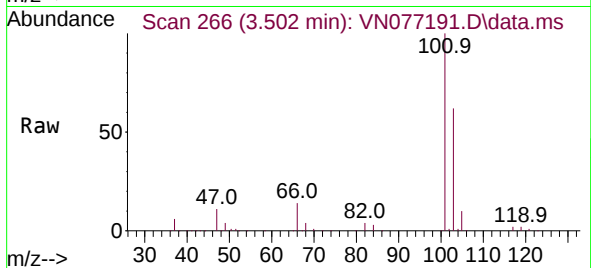
Tgt Ion: 64 Resp: 463082
Ion Ratio Lower Upper
64 100
66 33.1 26.2 39.4





#7
Trichlorofluoromethane
Concen: 56.504 ug/l
RT: 3.502 min Scan# 266
Delta R.T. -0.005 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

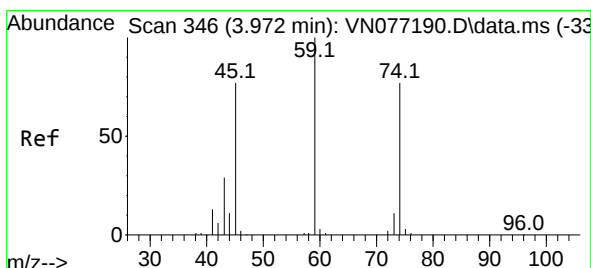
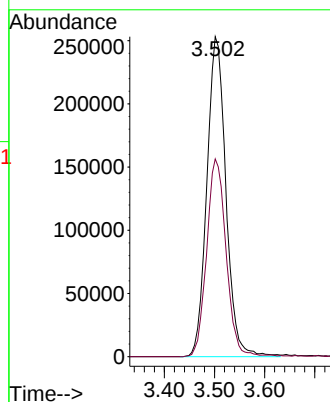
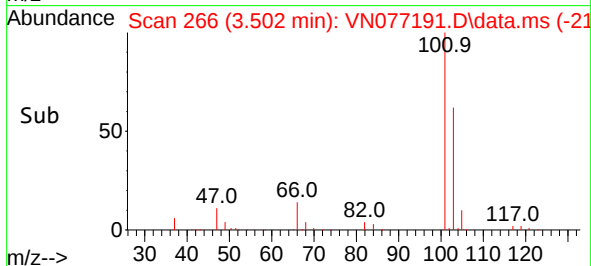
Instrument :
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Tgt Ion:101 Resp: 668224
Ion Ratio Lower Upper
101 100
103 61.8 53.4 80.0

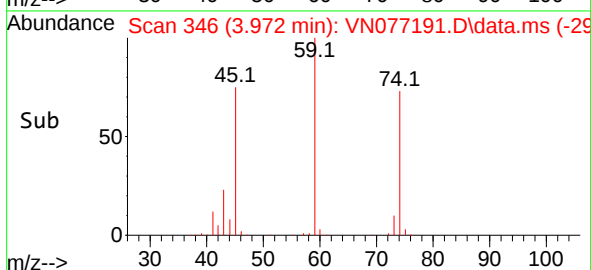
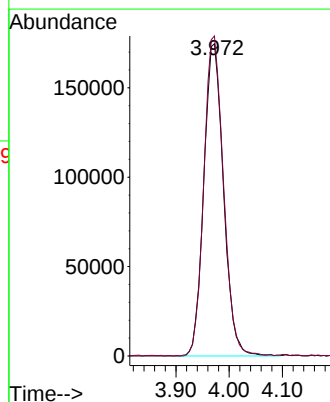
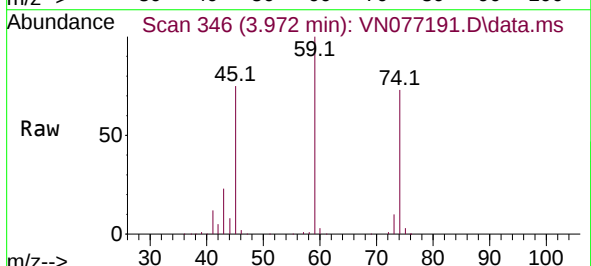
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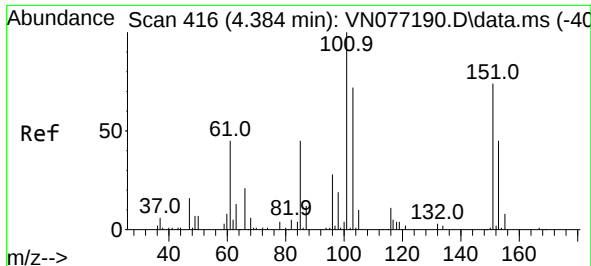
Reviewed By :Semsettin Yesilyurt 03/27/2023
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#8
Diethyl Ether
Concen: 115.080 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

Tgt Ion: 74 Resp: 447957
Ion Ratio Lower Upper
74 100
45 102.3 35.5 106.5





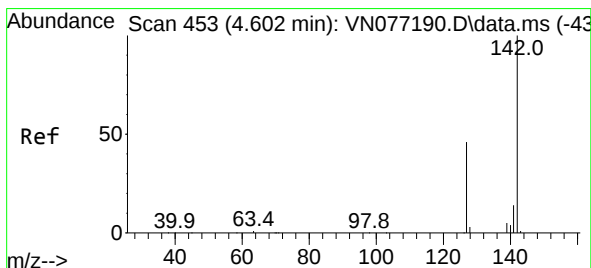
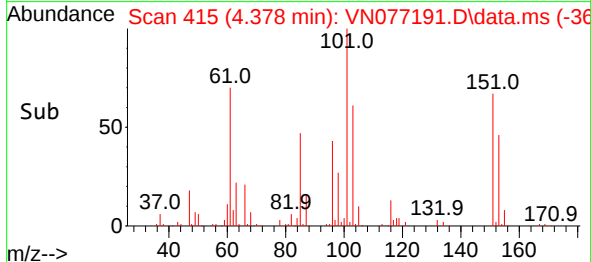
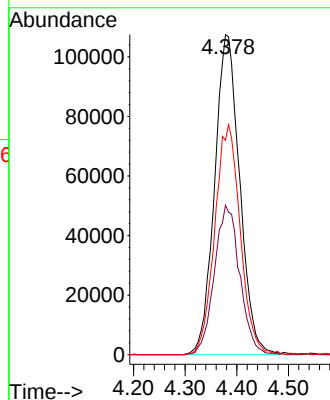
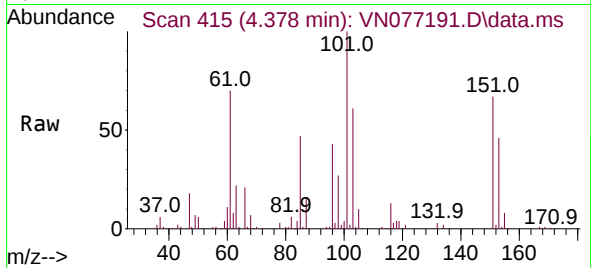
#9
1,1,2-Trichlorotrifluoroethane
Concen: 71.557 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:101 Resp: 36219
Ion Ratio Lower Upper
101 100
85 47.2 35.2 52.8
151 72.8 58.9 88.3

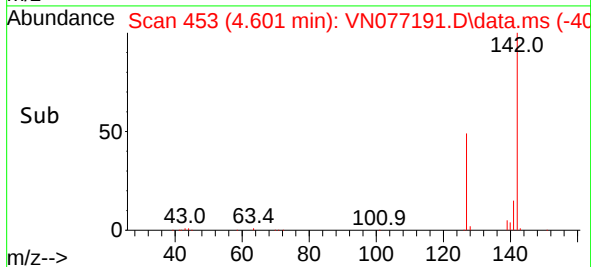
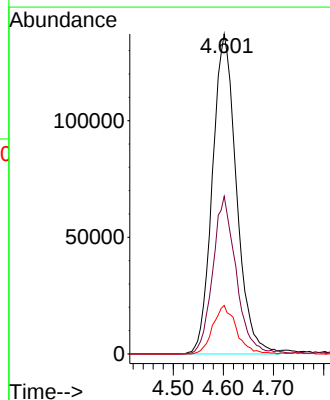
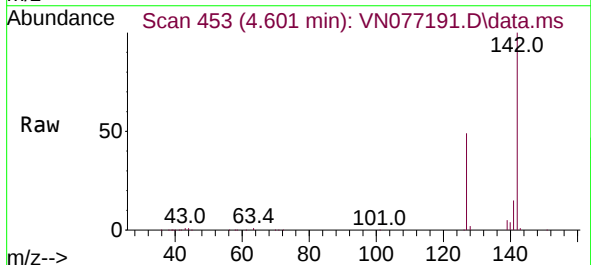
Manual Integrations
APPROVED

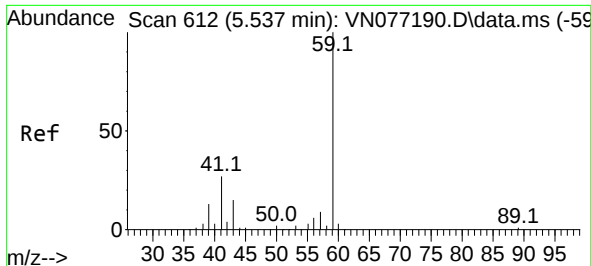
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#10
Methyl Iodide
Concen: 80.118 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.001 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

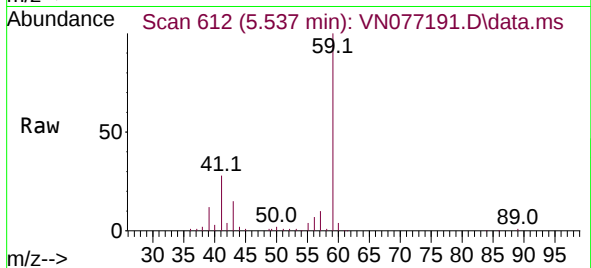
Tgt Ion:142 Resp: 457534
Ion Ratio Lower Upper
142 100
127 49.3 35.2 52.8
141 15.1 10.2 15.2





#11
Tert butyl alcohol
Concen: 371.254 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

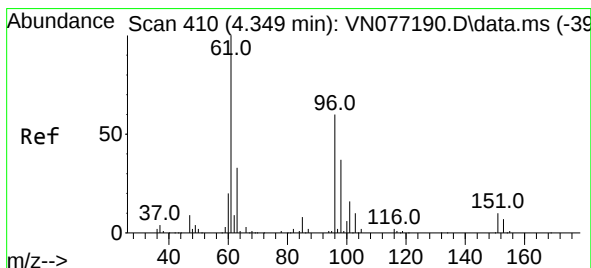
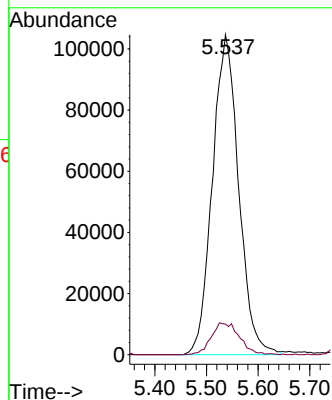
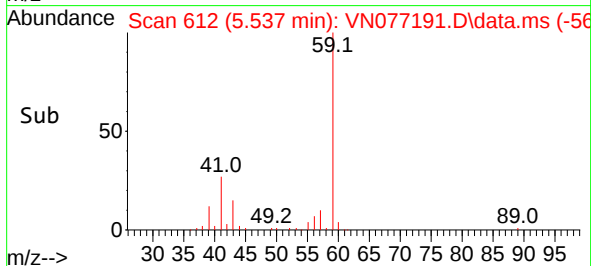
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 59 Resp: 369130
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

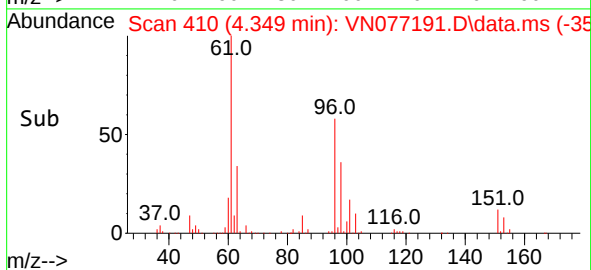
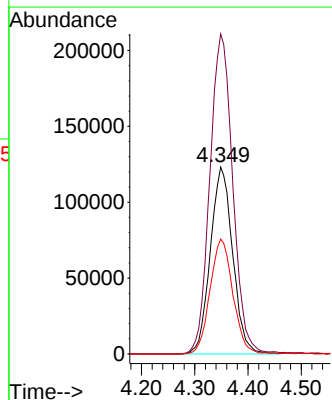
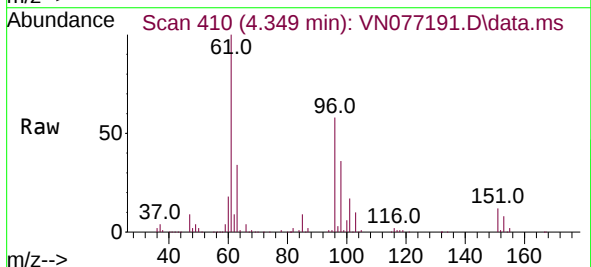
Manual Integrations
APPROVED

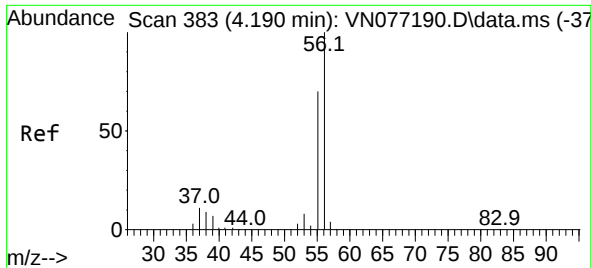
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#12
1,1-Dichloroethene
Concen: 74.487 ug/l
RT: 4.349 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

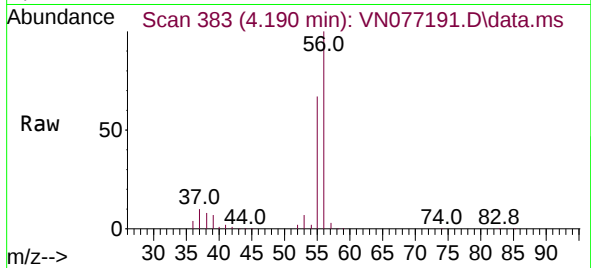
Tgt Ion: 96 Resp: 358612
Ion Ratio Lower Upper
96 100
61 171.2 121.3 181.9
98 61.5 52.1 78.1





#13
Acrolein
Concen: 371.797 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

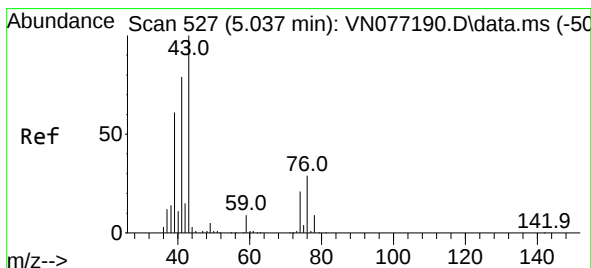
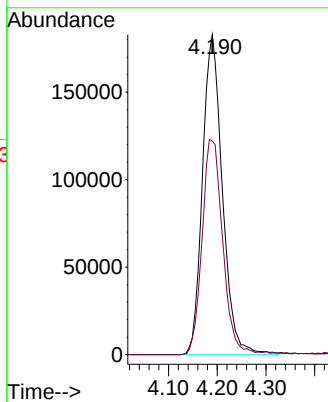
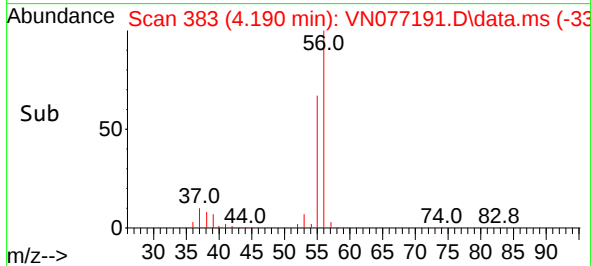
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 56 Resp: 51849
Ion Ratio Lower Upper
56 100
55 69.4 56.7 85.1

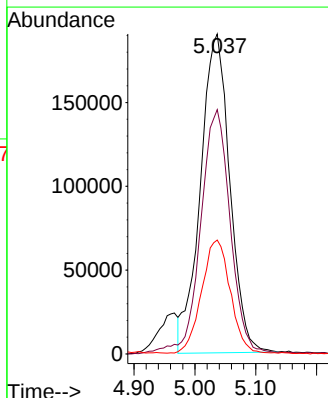
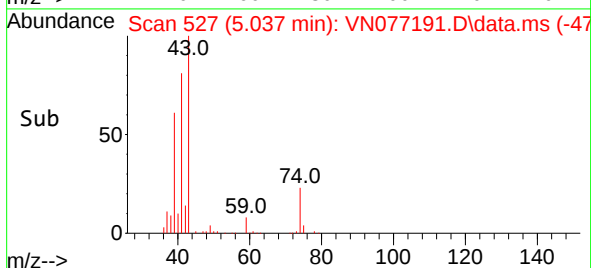
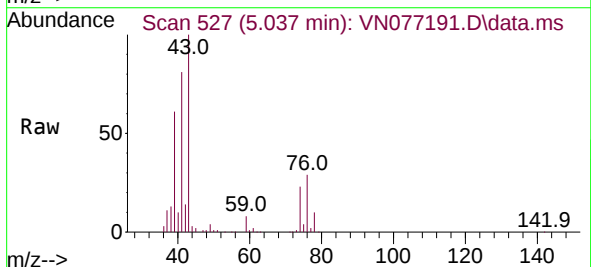
Manual Integrations
APPROVED

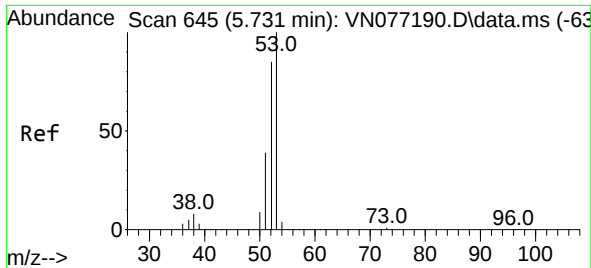
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#14
Allyl chloride
Concen: 70.590 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

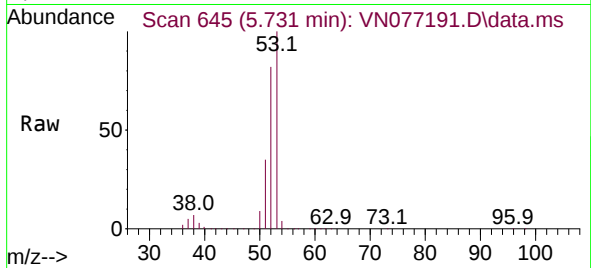
Tgt Ion: 41 Resp: 638483
Ion Ratio Lower Upper
41 100
39 77.7 68.1 102.1
76 34.5 44.1 66.1#





#15
Acrylonitrile
Concen: 366.274 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

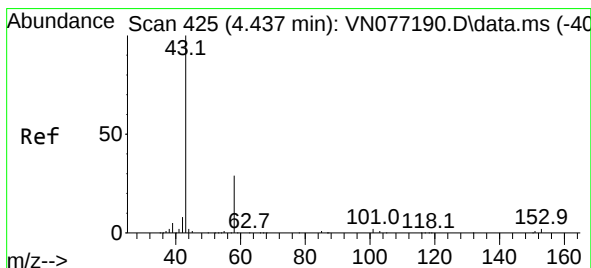
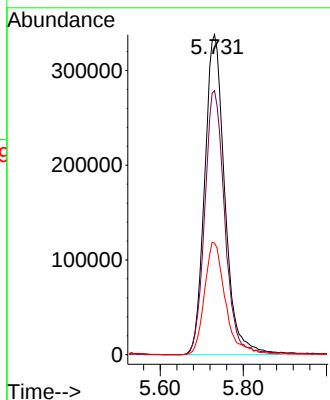
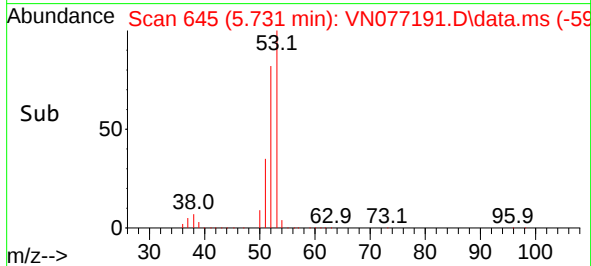
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 53 Resp: 1135340
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 36.6 28.8 43.2

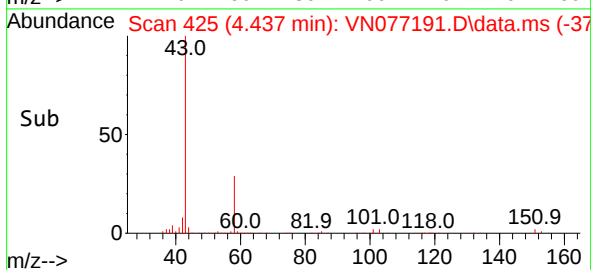
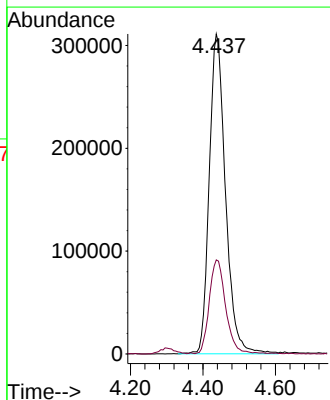
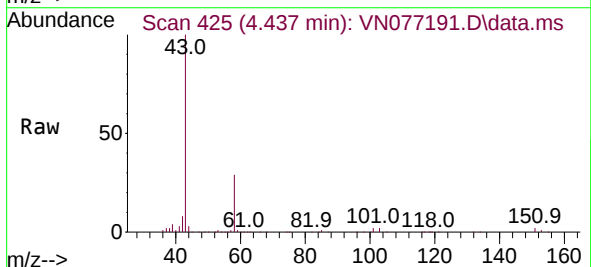
Manual Integrations
APPROVED

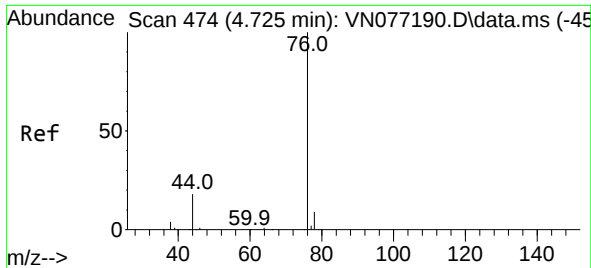
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#16
Acetone
Concen: 357.073 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

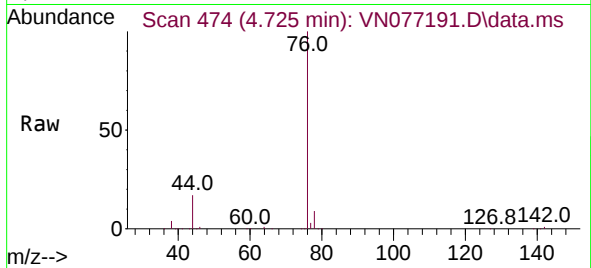
Tgt Ion: 43 Resp: 968594
Ion Ratio Lower Upper
43 100
58 29.2 28.2 42.2





#17
Carbon Disulfide
Concen: 75.567 ug/l
RT: 4.725 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

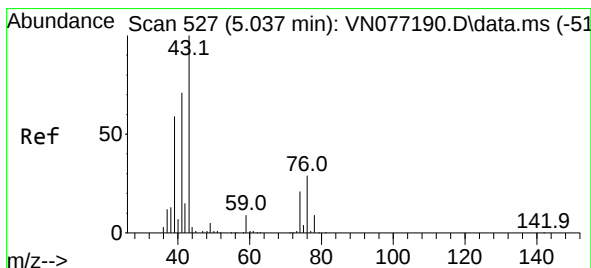
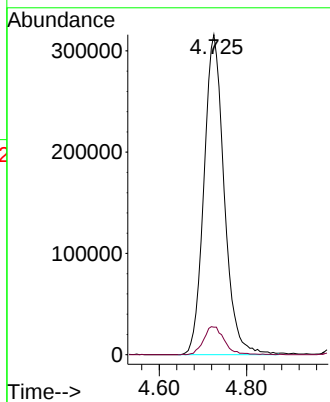
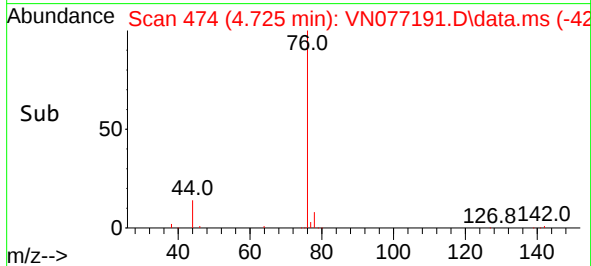
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



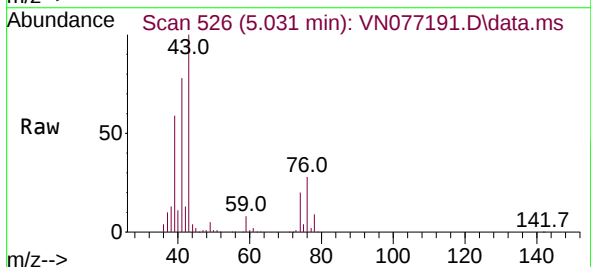
Tgt Ion: 76 Resp: 101800
Ion Ratio Lower Upper
76 100
78 8.6 7.8 11.8

Manual Integrations
APPROVED

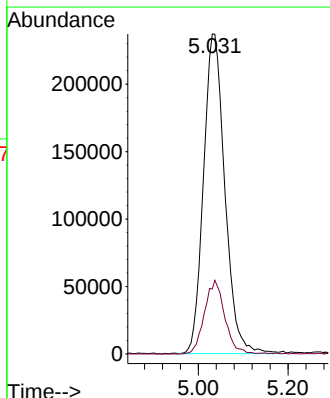
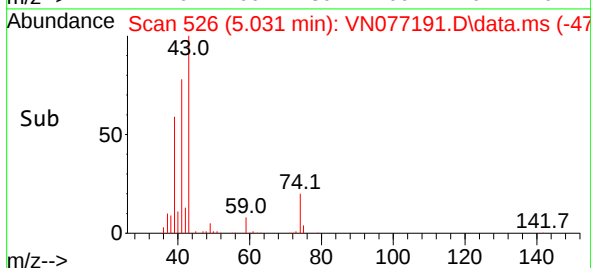
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023

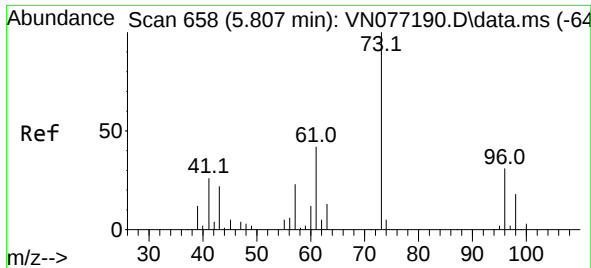


#18
Methyl Acetate
Concen: 72.264 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30



Tgt Ion: 43 Resp: 784229
Ion Ratio Lower Upper
43 100
74 21.8 25.9 38.9#





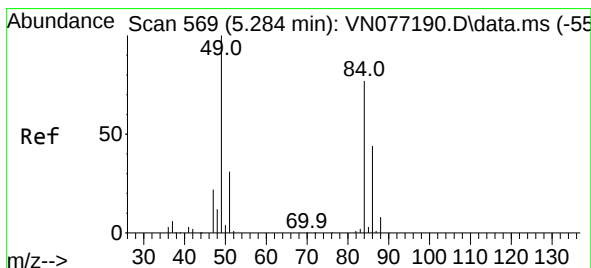
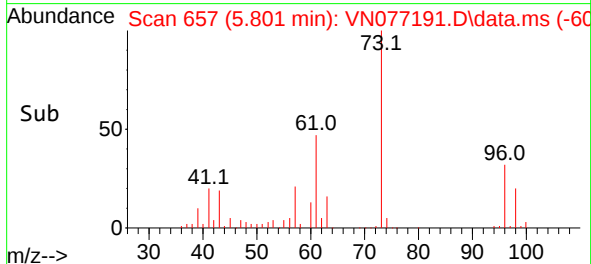
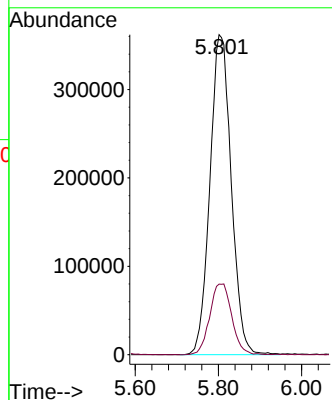
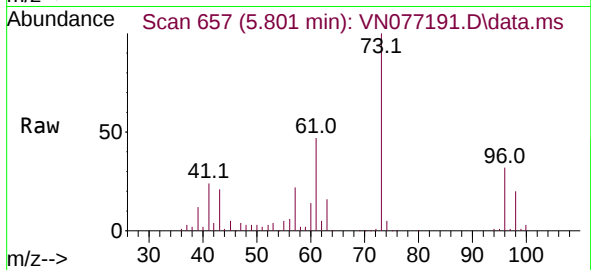
#19
Methyl tert-butyl Ether
Concen: 75.296 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 73 Resp: 128859
Ion Ratio Lower Upper
73 100
57 22.0 16.1 24.1

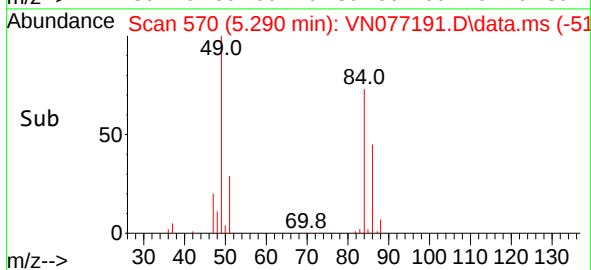
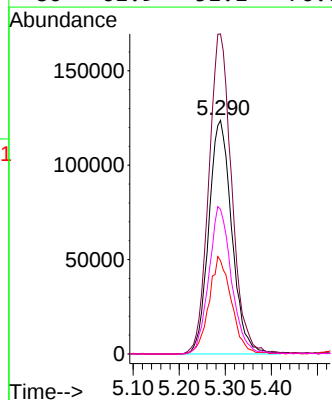
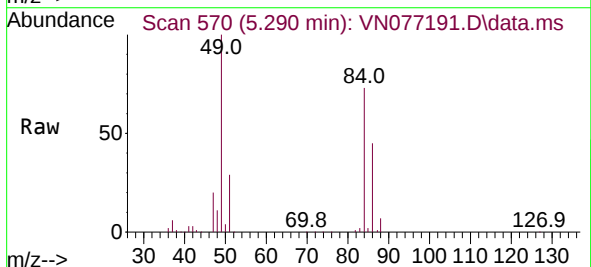
Manual Integrations
APPROVED

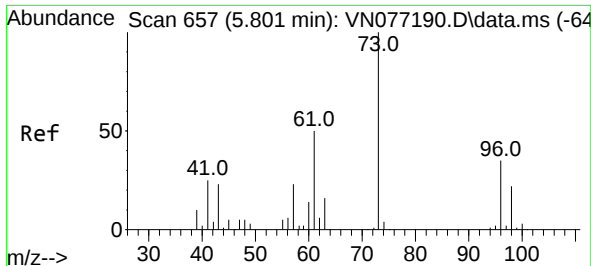
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#20
Methylene Chloride
Concen: 71.266 ug/l
RT: 5.290 min Scan# 570
Delta R.T. 0.006 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

Tgt Ion: 84 Resp: 430482
Ion Ratio Lower Upper
84 100
49 137.0 76.6 114.8#
51 39.8 25.4 38.2#
86 61.9 51.1 76.7





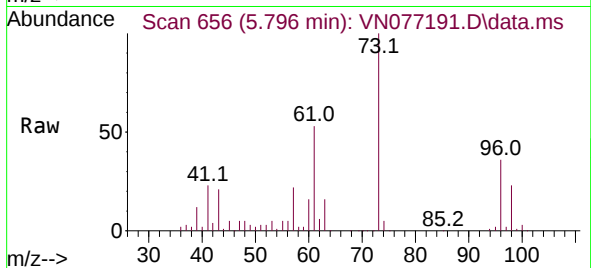
#21
trans-1,2-Dichloroethene
Concen: 73.178 ug/l
RT: 5.796 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

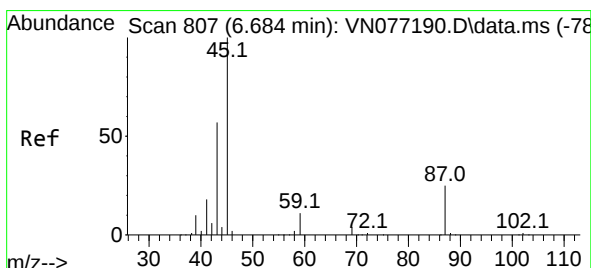
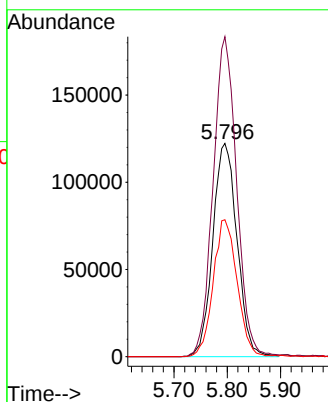
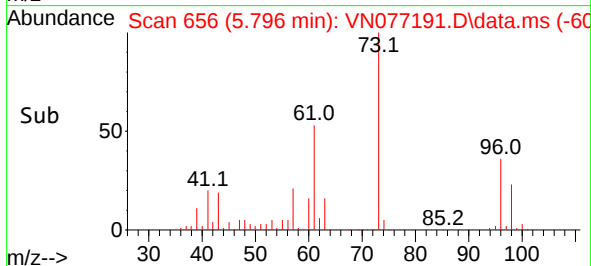


Tgt Ion: 96 Resp: 386629
Ion Ratio Lower Upper
96 100
61 150.1 95.0 142.6
98 64.3 54.5 81.7

Manual Integrations

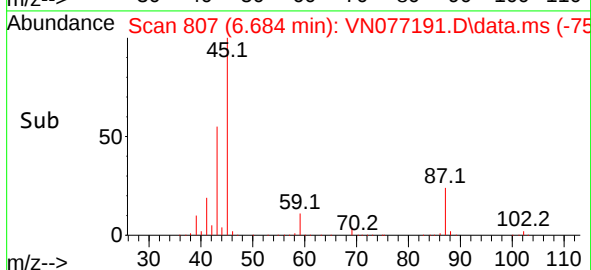
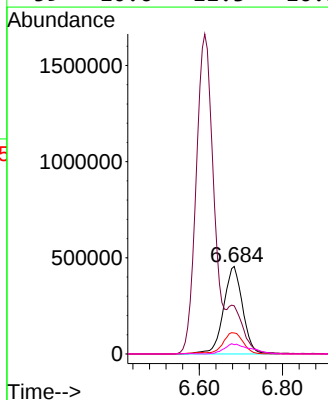
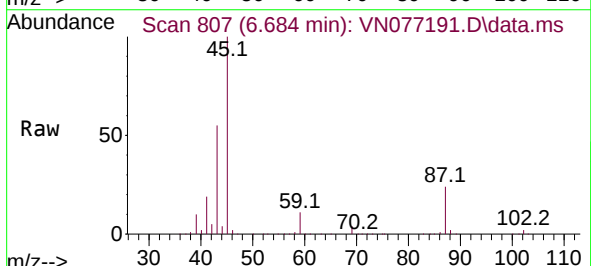
APPROVED

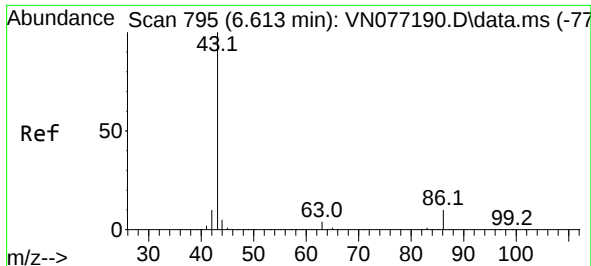
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#22
Diisopropyl ether
Concen: 74.053 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

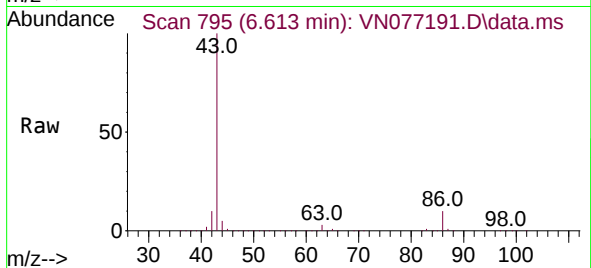
Tgt Ion: 45 Resp: 1443741
Ion Ratio Lower Upper
45 100
43 54.3 42.6 63.8
87 23.8 29.7 44.5#
59 10.6 11.3 16.9#





#23
 Vinyl Acetate
 Concen: 389.369 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077191.D
 Acq: 24 Mar 2023 22:30

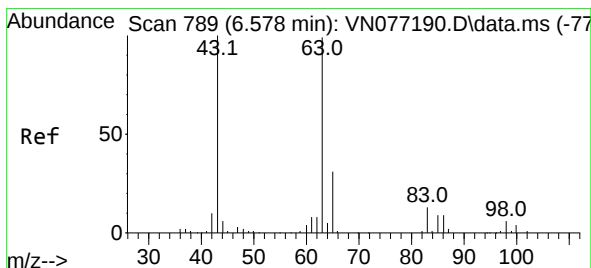
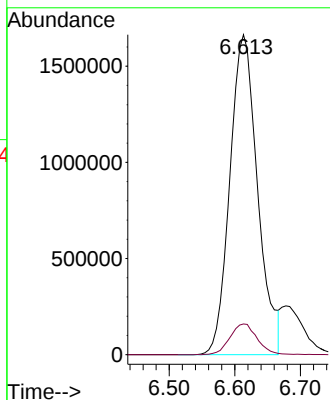
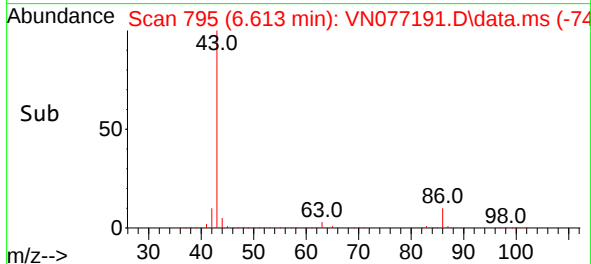
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075



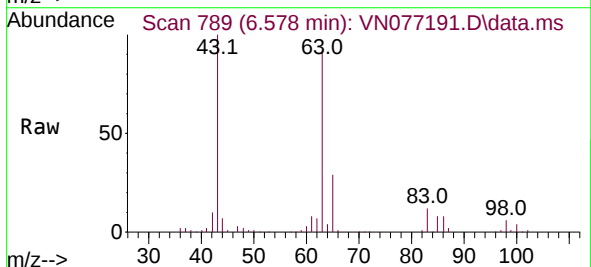
Tgt Ion: 43 Resp: 489838
 Ion Ratio Lower Upper
 43 100
 86 9.6 11.8 17.6

Manual Integrations
 APPROVED

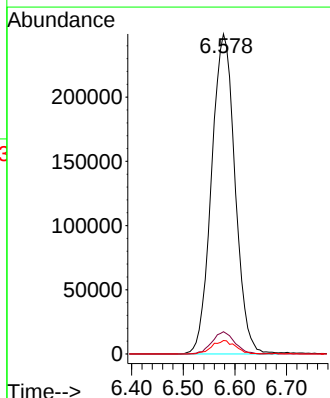
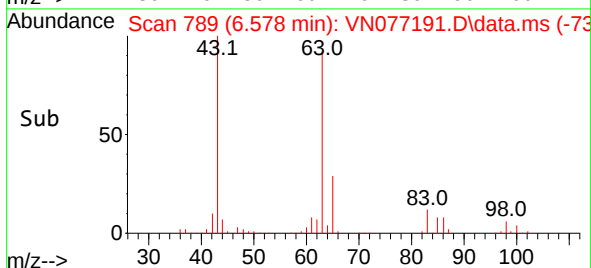
Reviewed By :Semsettin Yesilyurt 03/27/2023
 Supervised By :Mahesh Dadoda 03/27/2023

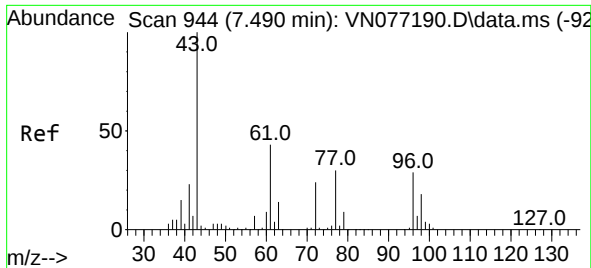


#24
 1,1-Dichloroethane
 Concen: 72.232 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077191.D
 Acq: 24 Mar 2023 22:30



Tgt Ion: 63 Resp: 787298
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.2 12.6
 100 4.2 2.2 6.6





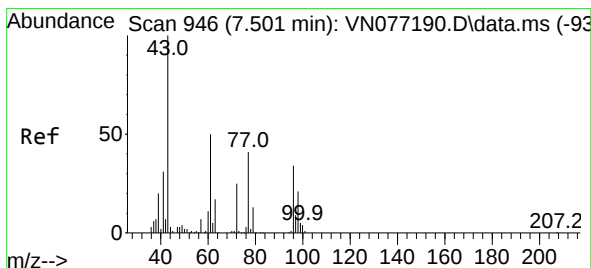
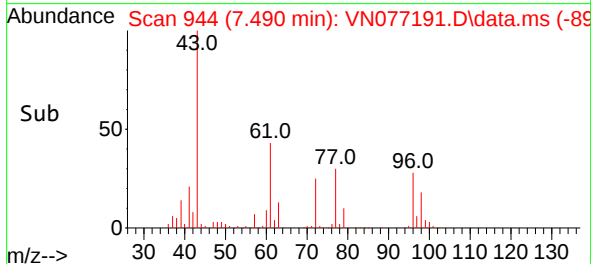
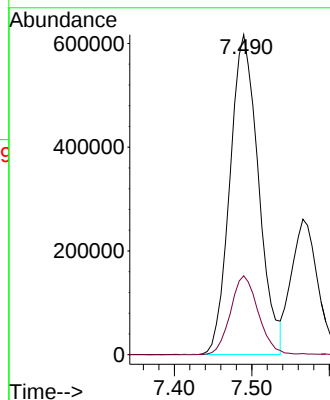
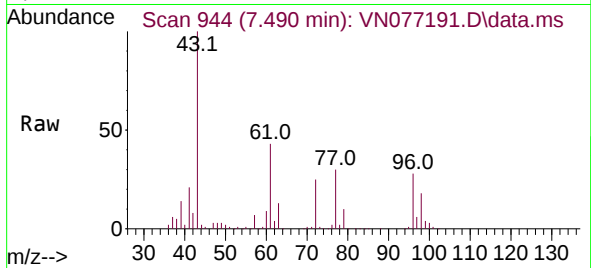
#25
2-Butanone
Concen: 372.933 ug/l
RT: 7.490 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 43 Resp: 158175
Ion Ratio Lower Upper
43 100
72 24.7 28.8 43.2

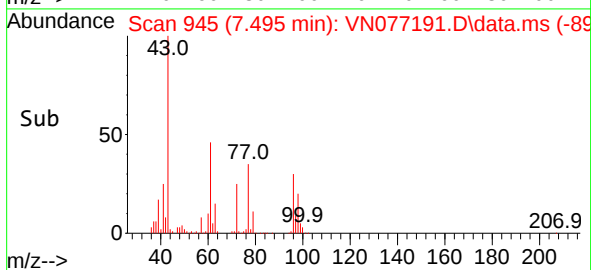
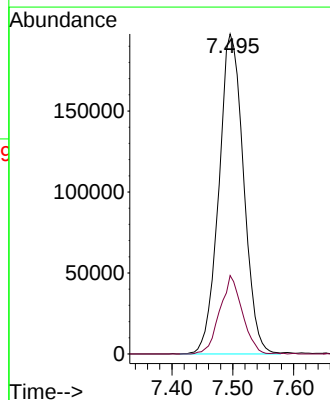
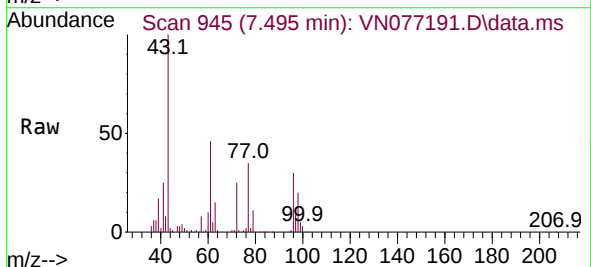
Manual Integrations
APPROVED

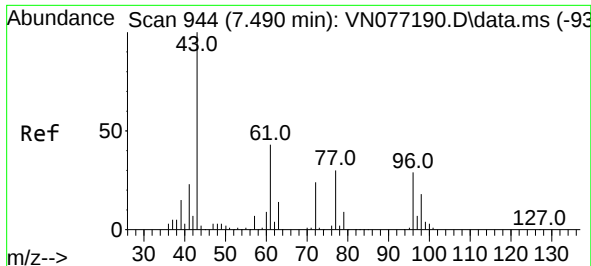
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#26
2,2-Dichloropropane
Concen: 73.998 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

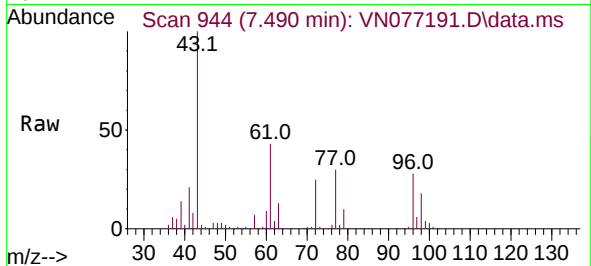
Tgt Ion: 77 Resp: 556205
Ion Ratio Lower Upper
77 100
97 22.3 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 74.266 ug/l
 RT: 7.490 min Scan# 944
 Delta R.T. -0.000 min
 Lab File: VN077191.D
 Acq: 24 Mar 2023 22:30

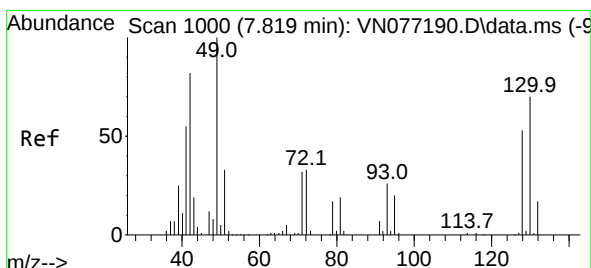
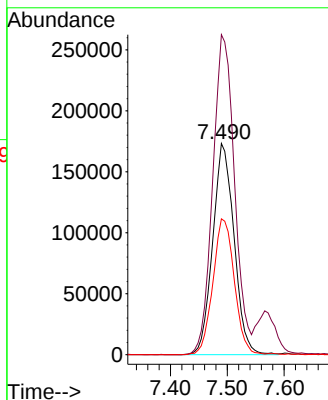
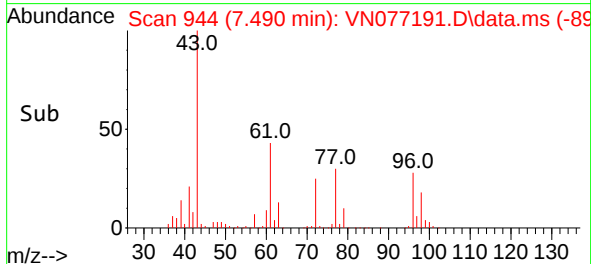
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



Tgt Ion: 96 Resp: 452610
 Ion Ratio Lower Upper
 96 100
 61 154.6 0.0 255.6
 98 64.4 0.0 127.4

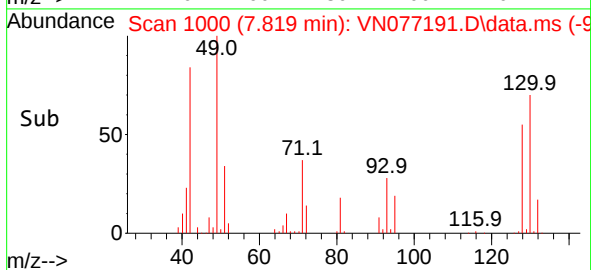
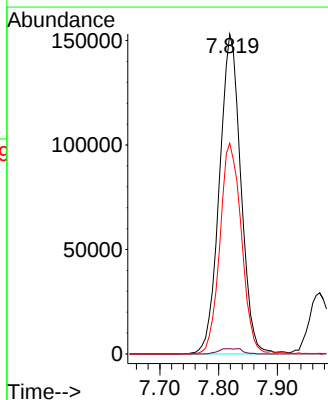
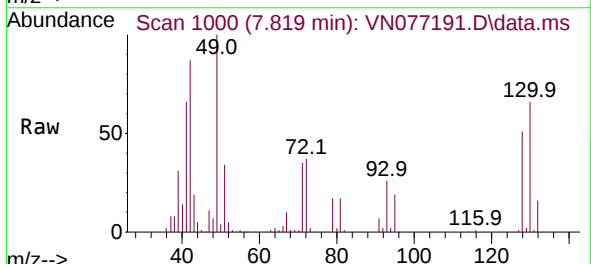
Manual Integrations
 APPROVED

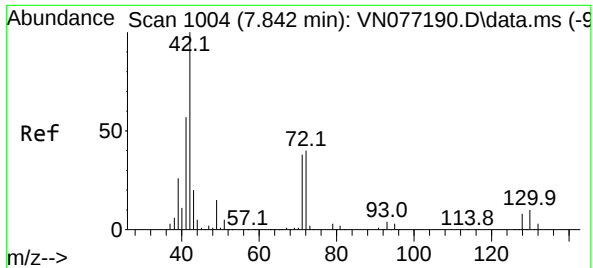
Reviewed By :Semsettin Yesilyurt 03/27/2023
 Supervised By :Mahesh Dadoda 03/27/2023



#28
 Bromochloromethane
 Concen: 69.768 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077191.D
 Acq: 24 Mar 2023 22:30

Tgt Ion: 49 Resp: 387781
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 66.3 74.8 112.2#





#29

Tetrahydrofuran

Concen: 371.797 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077191.D

Acq: 24 Mar 2023 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 42 Resp: 104464

Ion Ratio Lower Upper

42 100

72 40.9 48.6 73.0

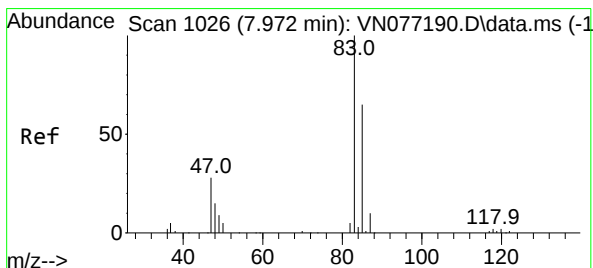
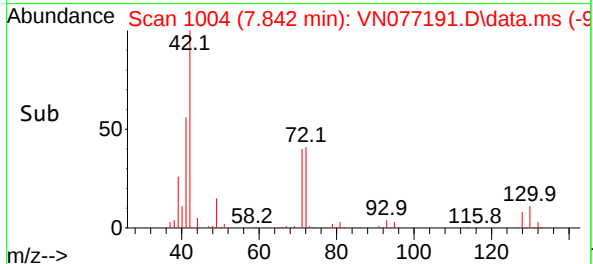
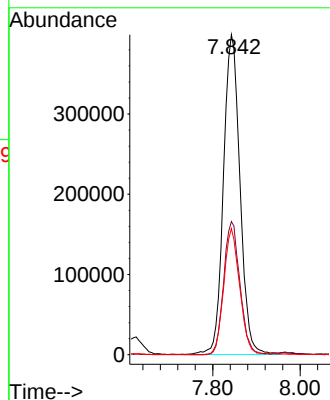
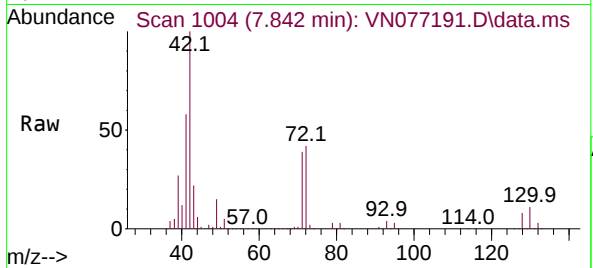
71 37.7 45.1 67.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2023

Supervised By :Mahesh Dadoda 03/27/2023



#30

Chloroform

Concen: 72.725 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077191.D

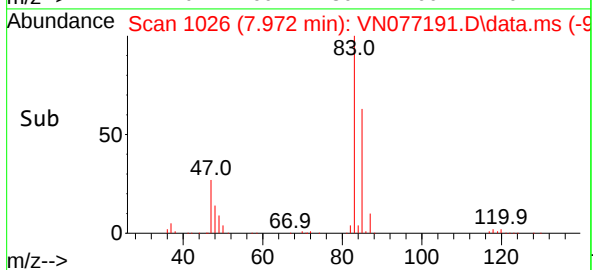
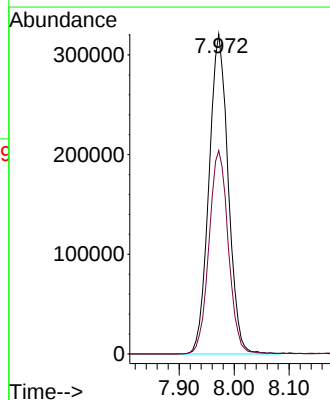
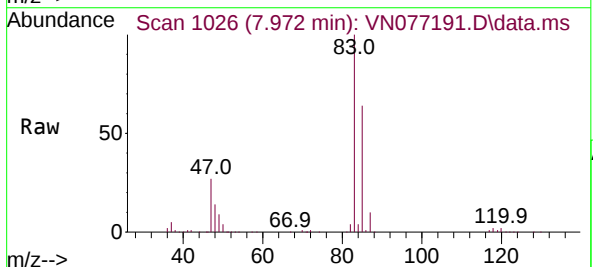
Acq: 24 Mar 2023 22:30

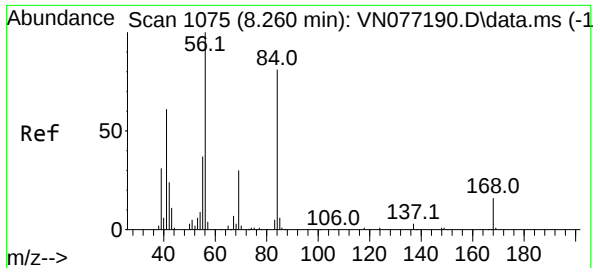
Tgt Ion: 83 Resp: 780737

Ion Ratio Lower Upper

83 100

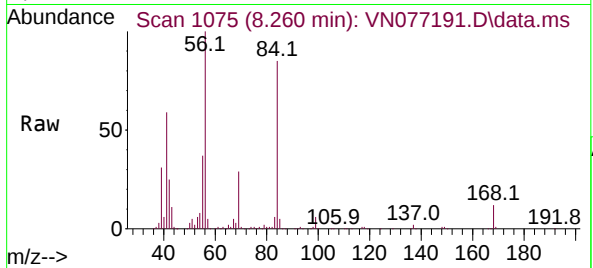
85 63.5 51.3 76.9





#31
Cyclohexane
Concen: 70.684 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

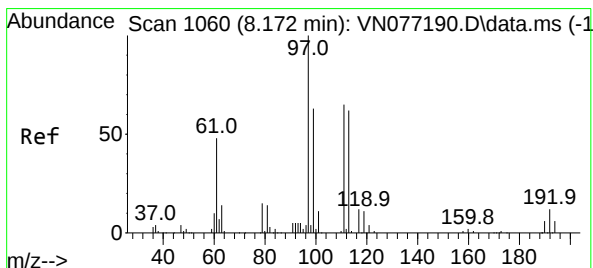
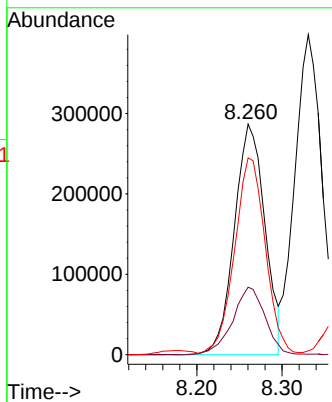
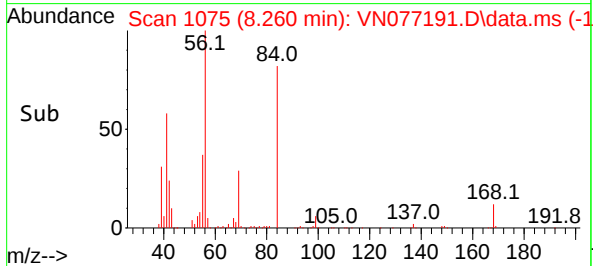
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



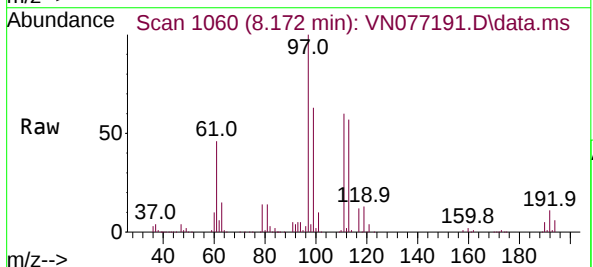
Tgt Ion: 56 Resp: 716354
Ion Ratio Lower Upper
56 100
69 29.3 27.0 40.6
84 83.5 82.9 124.3

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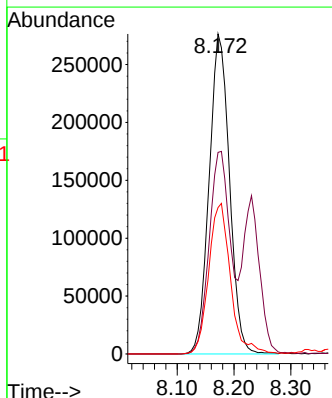
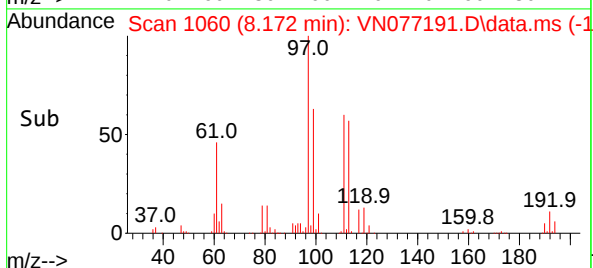
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023

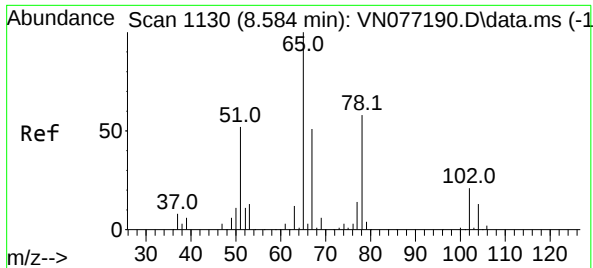


#32
1,1,1-Trichloroethane
Concen: 74.484 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30



Tgt Ion: 97 Resp: 686499
Ion Ratio Lower Upper
97 100
99 66.6 51.2 76.8
61 50.6 35.7 53.5





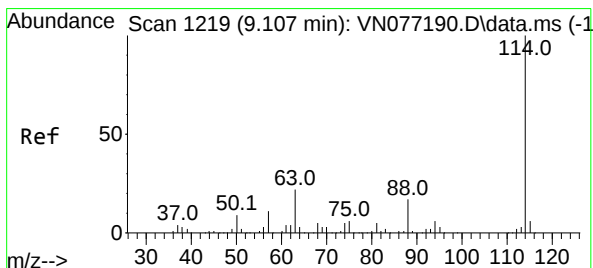
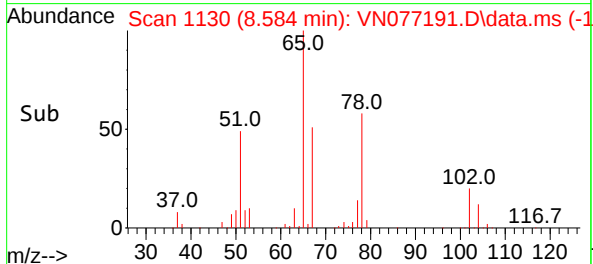
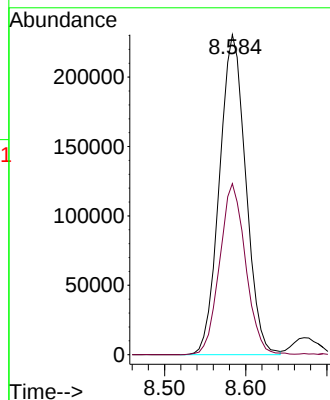
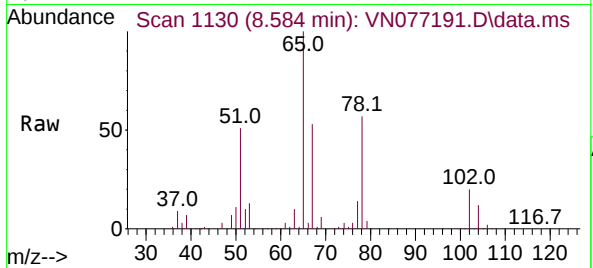
#33
1,2-Dichloroethane-d4
Concen: 71.203 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 65 Resp: 519452
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.2

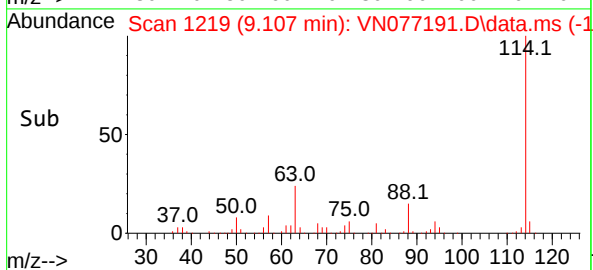
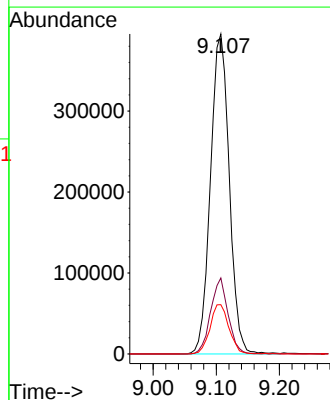
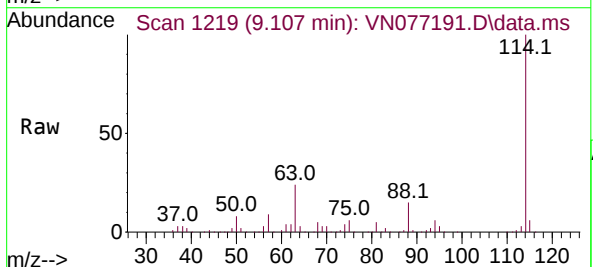
Manual Integrations
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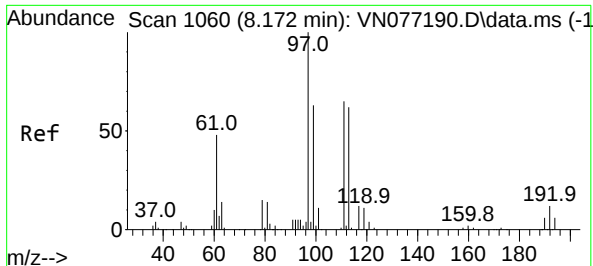
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

Tgt Ion:114 Resp: 817096
Ion Ratio Lower Upper
114 100
63 23.7 0.0 36.6
88 15.4 0.0 28.6





#35

Dibromofluoromethane

Concen: 70.691 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077191.D

Acq: 24 Mar 2023 22:30

Instrument :

MSVOA_N

ClientSampleId :

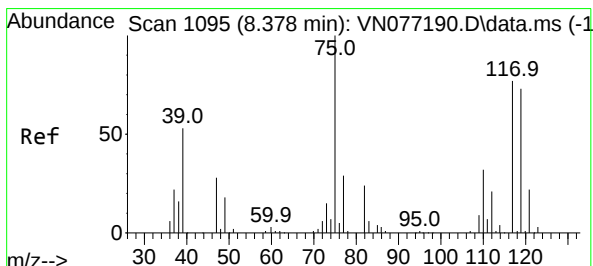
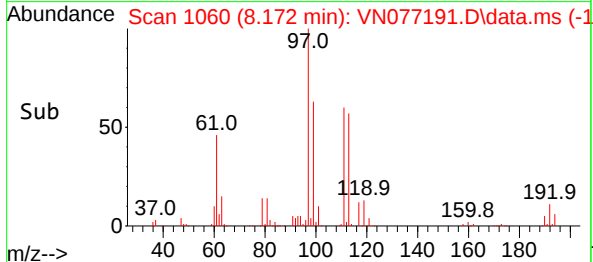
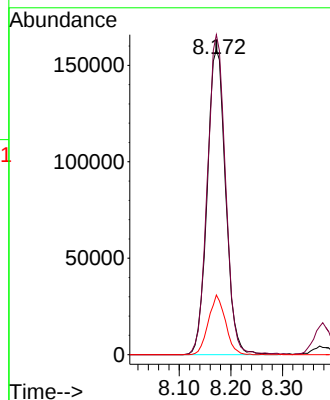
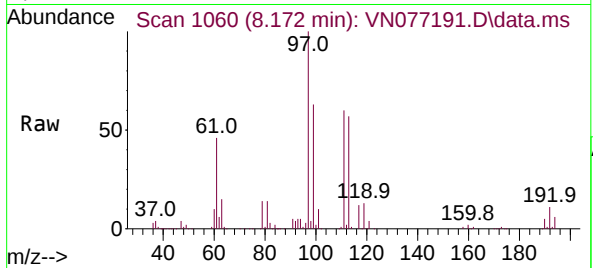
VSTDIC075

Tgt Ion:	113	Resp:	39194
Ion Ratio	Lower	Upper	
113	100		
111	103.2	81.8	122.8
192	18.1	13.9	20.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#36

1,1-Dichloropropene

Concen: 75.782 ug/l

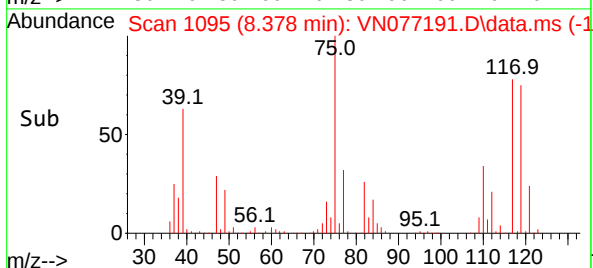
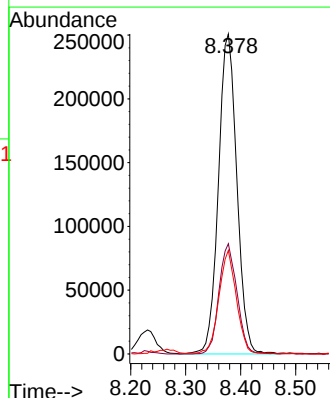
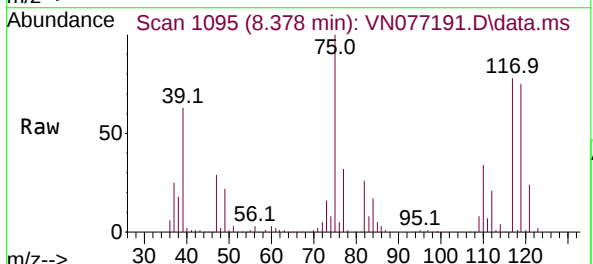
RT: 8.378 min Scan# 1095

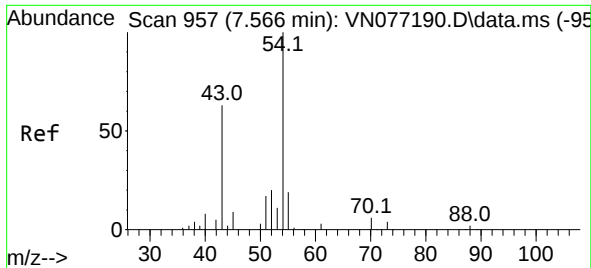
Delta R.T. -0.000 min

Lab File: VN077191.D

Acq: 24 Mar 2023 22:30

Tgt Ion:	75	Resp:	584772
Ion Ratio	Lower	Upper	
75	100		
110	33.6	18.9	56.9
77	30.9	24.9	37.3





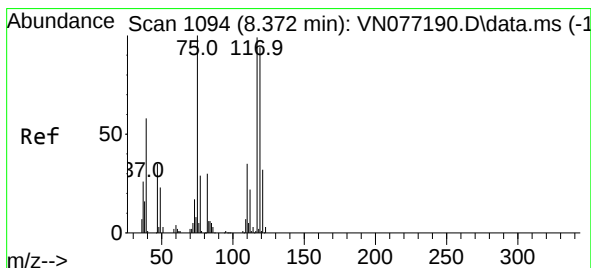
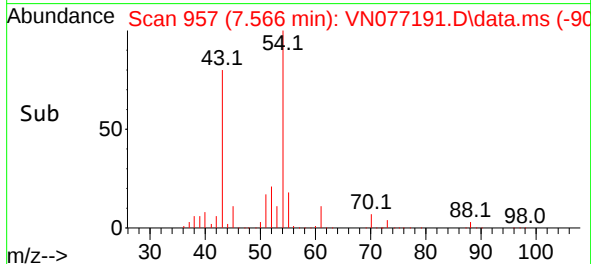
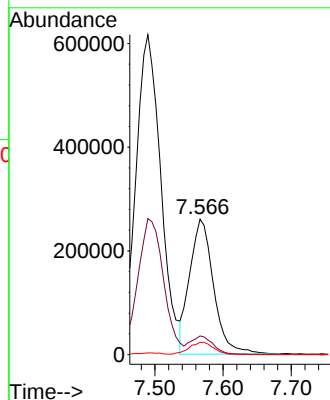
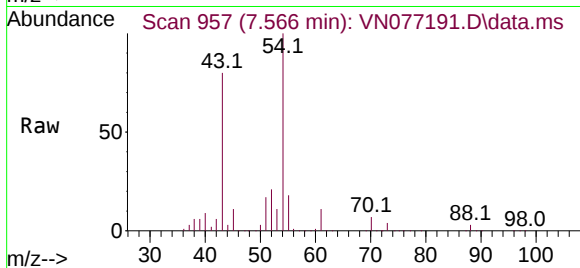
#37
Ethyl Acetate
Concen: 73.409 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 43 Resp: 63140
Ion Ratio Lower Upper
43 100
61 13.2 13.5 20.3
70 9.6 11.0 16.6

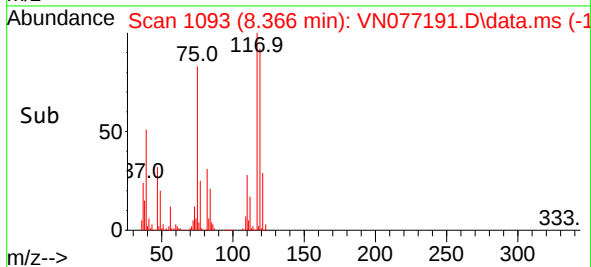
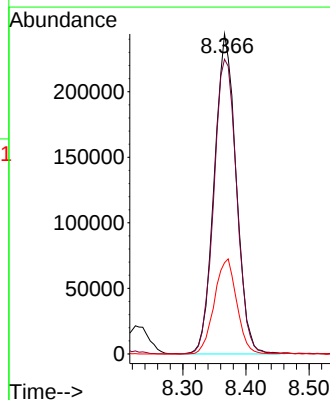
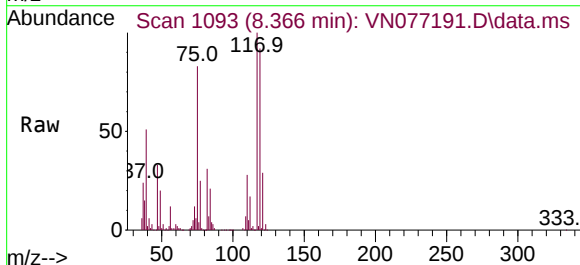
Manual Integrations
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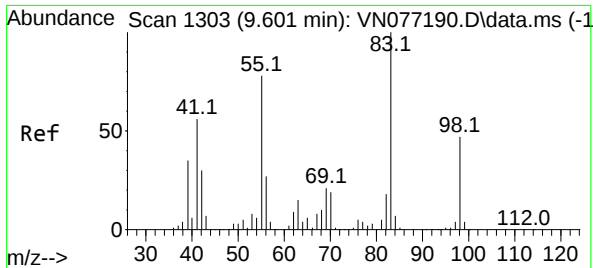
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#38
Carbon Tetrachloride
Concen: 75.052 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

Tgt Ion:117 Resp: 587206
Ion Ratio Lower Upper
117 100
119 92.0 76.9 115.3
121 28.5 23.2 34.8





#39

Methylcyclohexane

Concen: 78.248 ug/l

RT: 9.601 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077191.D

Acq: 24 Mar 2023 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 83 Resp: 705218

Ion Ratio Lower Upper

83 100

55 78.9 47.0 70.4

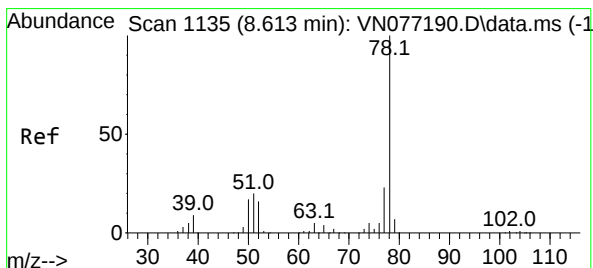
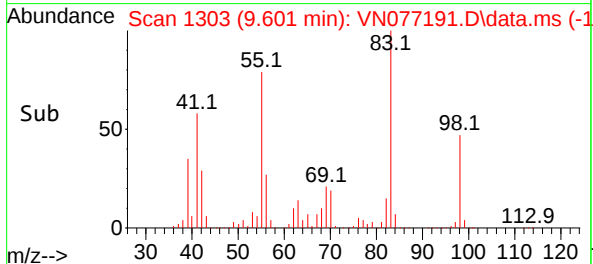
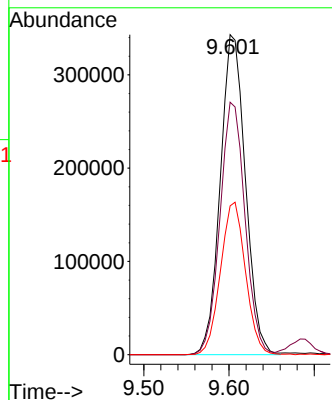
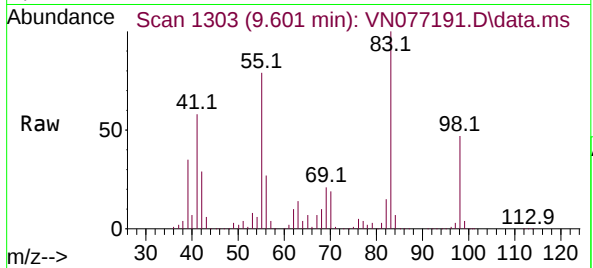
98 46.5 39.4 59.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2023

Supervised By :Mahesh Dadoda 03/27/2023



#40

Benzene

Concen: 73.995 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077191.D

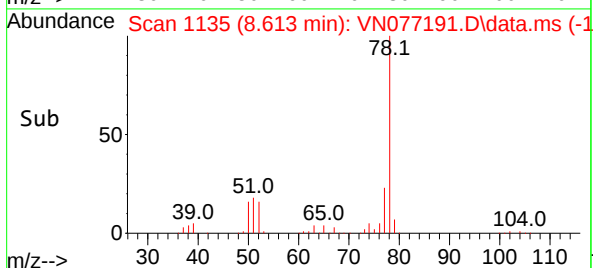
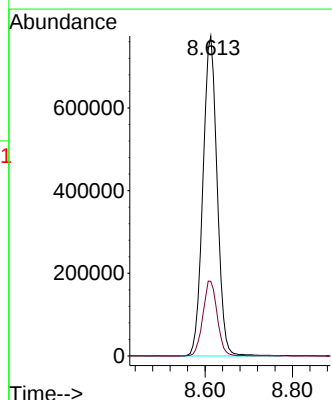
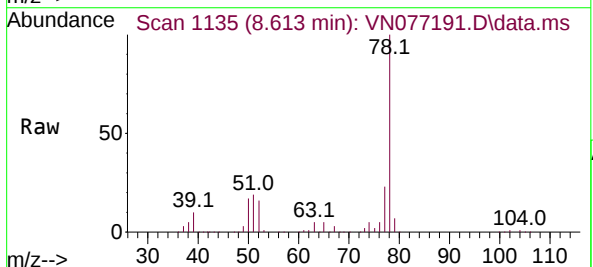
Acq: 24 Mar 2023 22:30

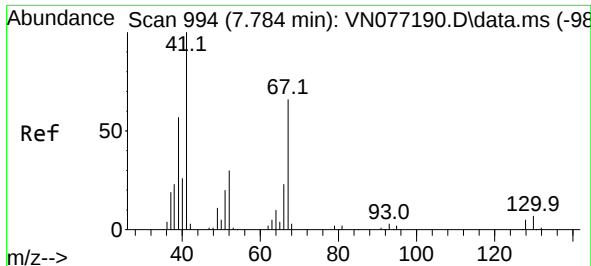
Tgt Ion: 78 Resp: 1749909

Ion Ratio Lower Upper

78 100

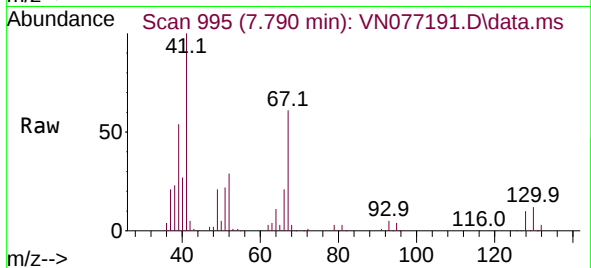
77 23.3 19.3 28.9





#41
Methacrylonitrile
Concen: 72.475 ug/l
RT: 7.790 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

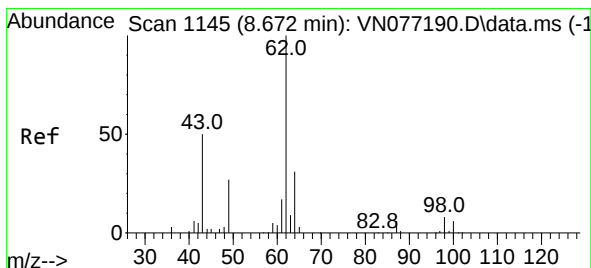
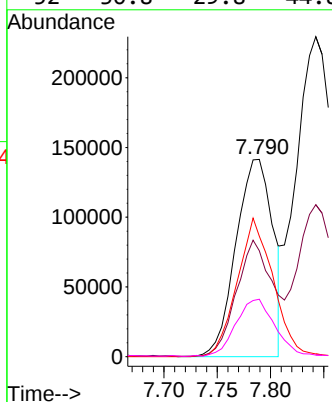
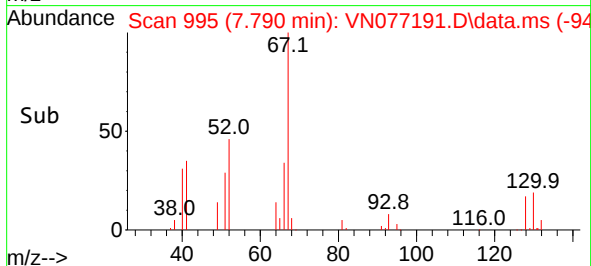
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 41 Resp: 340710
Ion Ratio Lower Upper
41 100
39 59.6 43.4 65.0
67 69.2 78.6 118.0
52 30.8 29.8 44.8

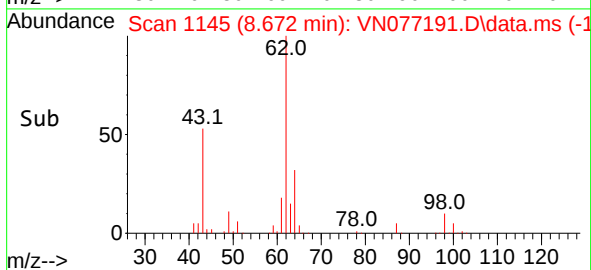
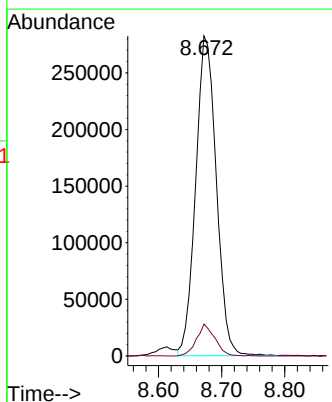
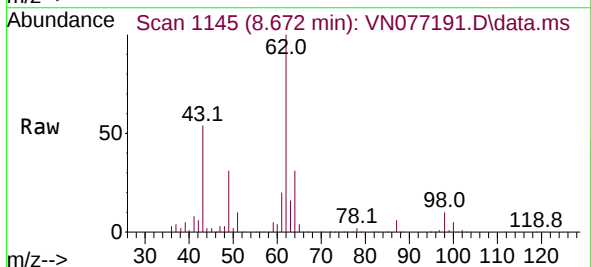
Manual Integrations
APPROVED

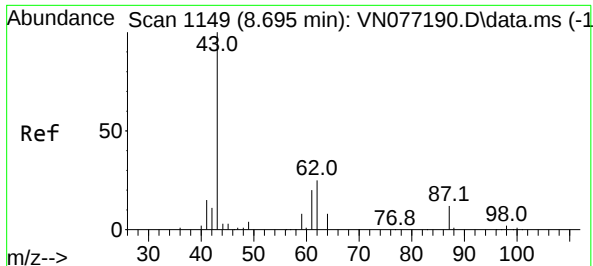
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#42
1,2-Dichloroethane
Concen: 71.874 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

Tgt Ion: 62 Resp: 640881
Ion Ratio Lower Upper
62 100
98 8.9 0.0 21.8





#43

Isopropyl Acetate

Concen: 76.622 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN077191.D

Acq: 24 Mar 2023 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 43 Resp: 106323

Ion Ratio Lower Upper

43 100

61 24.3 26.2 39.2

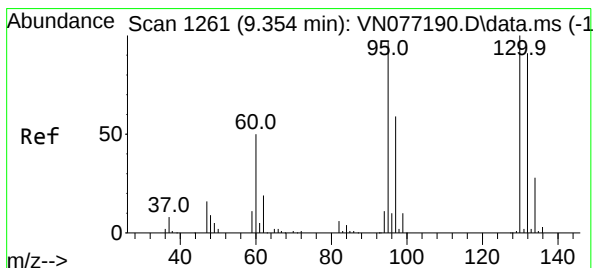
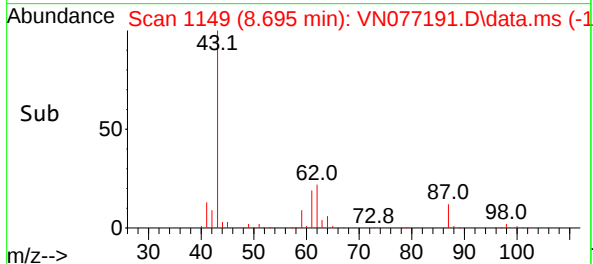
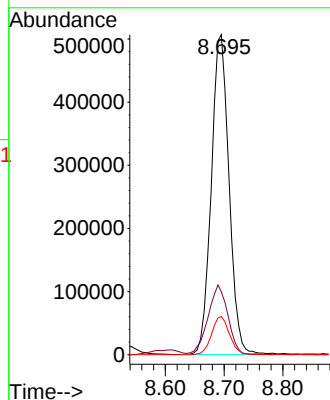
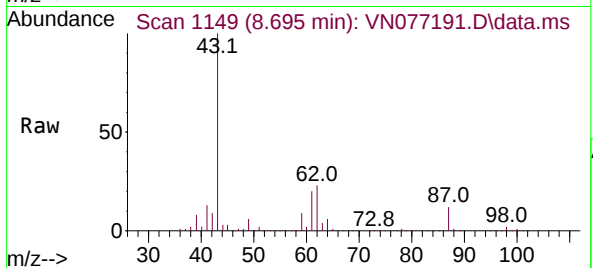
87 12.0 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2023

Supervised By :Mahesh Dadoda 03/27/2023



#44

Trichloroethene

Concen: 75.481 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VN077191.D

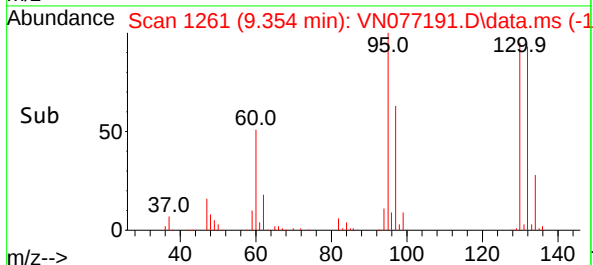
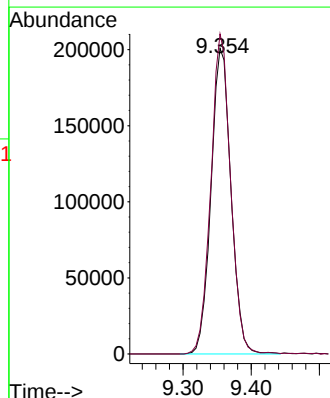
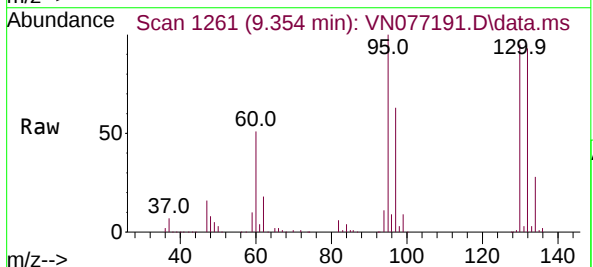
Acq: 24 Mar 2023 22:30

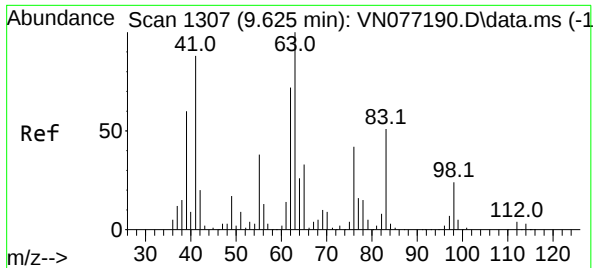
Tgt Ion:130 Resp: 408988

Ion Ratio Lower Upper

130 100

95 104.7 0.0 208.6





#45

1,2-Dichloropropane

Concen: 72.907 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077191.D

Acq: 24 Mar 2023 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 63 Resp: 458550

Ion Ratio Lower Upper

63 100

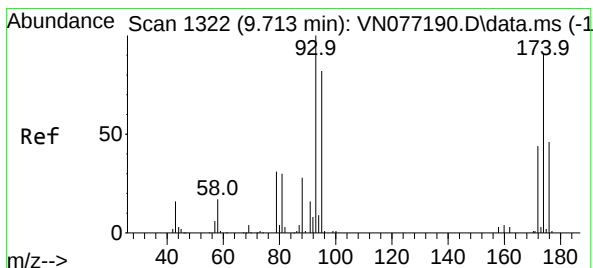
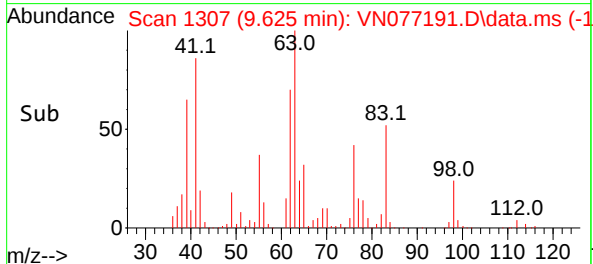
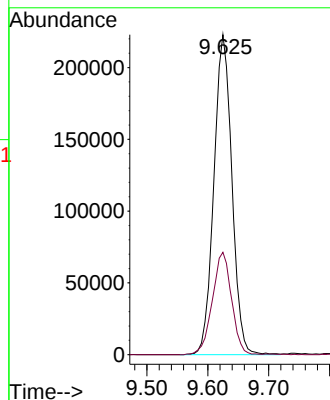
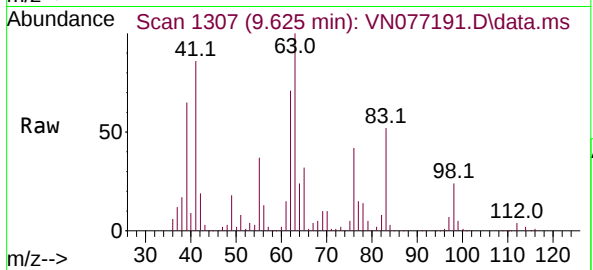
65 32.0 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2023

Supervised By :Mahesh Dadoda 03/27/2023



#46

Dibromomethane

Concen: 73.312 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077191.D

Acq: 24 Mar 2023 22:30

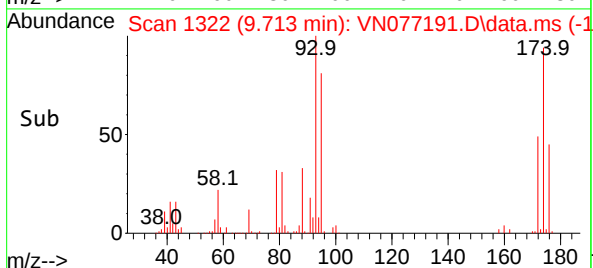
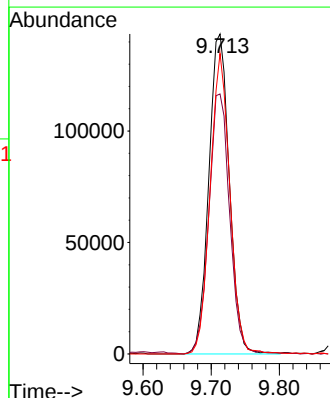
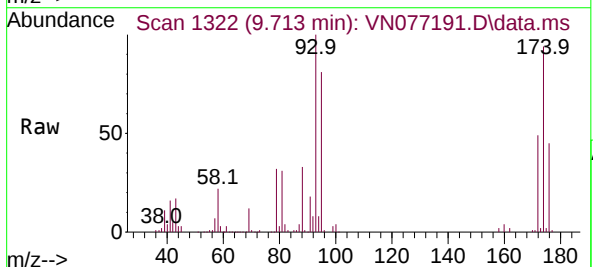
Tgt Ion: 93 Resp: 301366

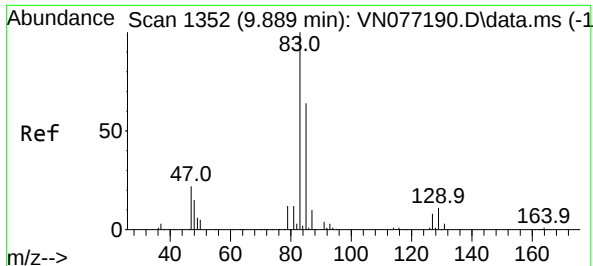
Ion Ratio Lower Upper

93 100

95 82.4 65.7 98.5

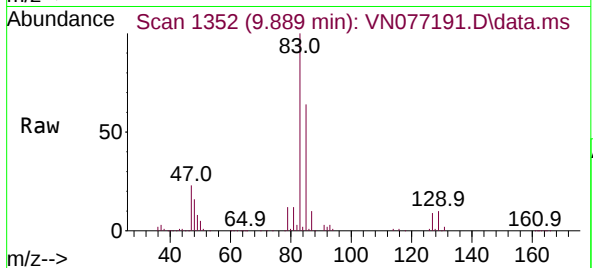
174 89.8 69.3 103.9





#47
Bromodichloromethane
Concen: 75.315 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

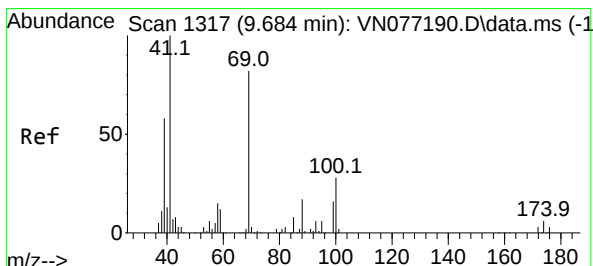
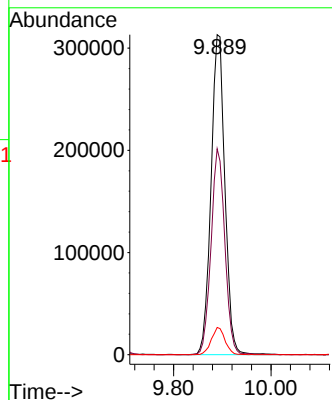
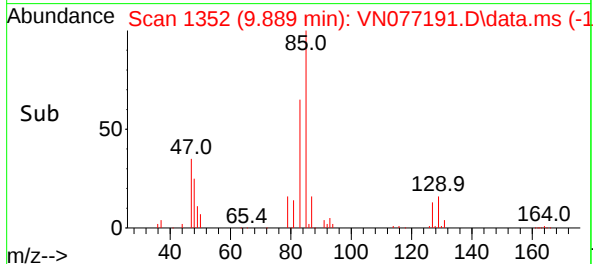
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



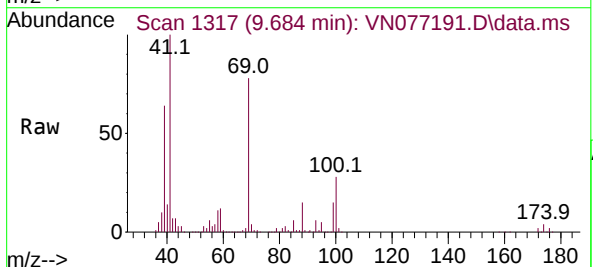
Tgt Ion: 83 Resp: 615740
Ion Ratio Lower Upper
83 100
85 64.3 52.6 78.8
127 8.5 7.0 10.6

Manual Integrations
APPROVED

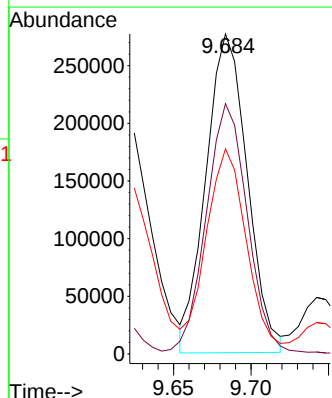
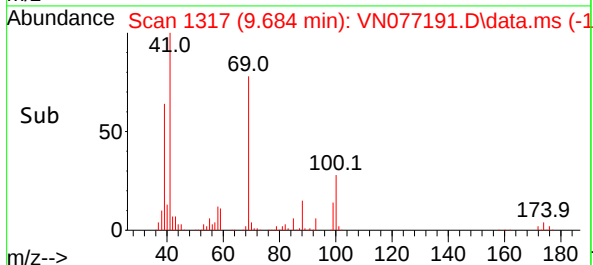
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023

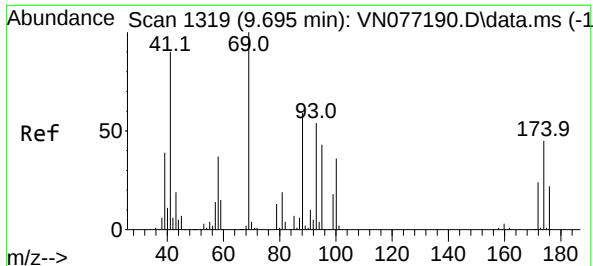


#48
Methyl methacrylate
Concen: 76.758 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30



Tgt Ion: 41 Resp: 512915
Ion Ratio Lower Upper
41 100
69 78.6 92.6 139.0#
39 62.9 51.4 77.0





#49

1,4-Dioxane

Concen: 1500.550 ug/l

RT: 9.701 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN077191.D

Acq: 24 Mar 2023 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 88 Resp: 170938

Ion Ratio Lower Upper

88 100

43 27.9 15.3 22.9

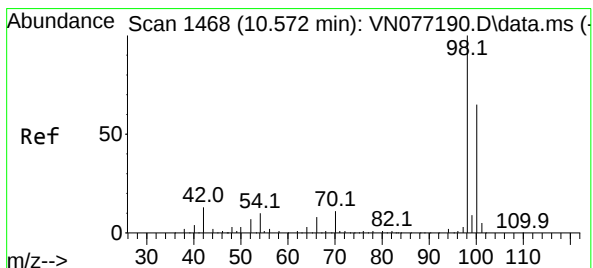
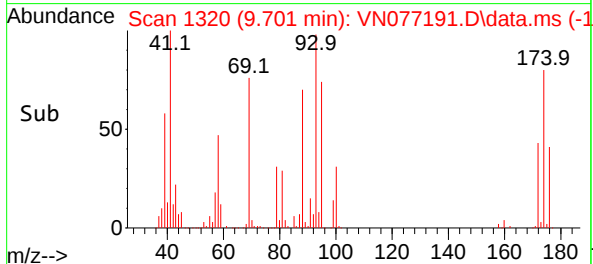
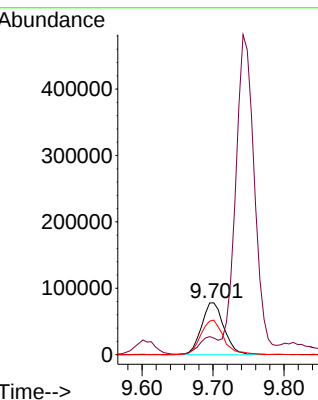
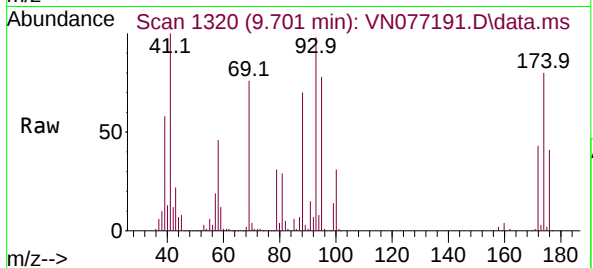
58 67.8 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2023

Supervised By :Mahesh Dadoda 03/27/2023



#50

Toluene-d8

Concen: 74.222 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077191.D

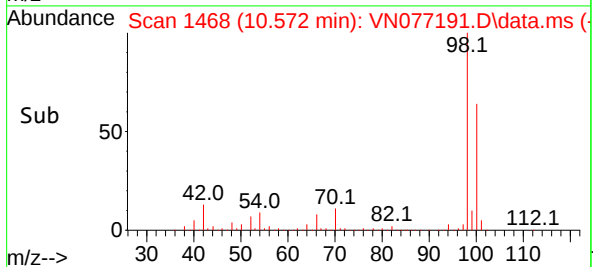
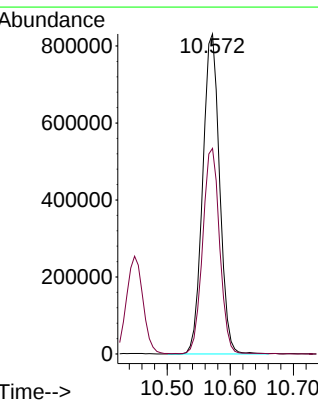
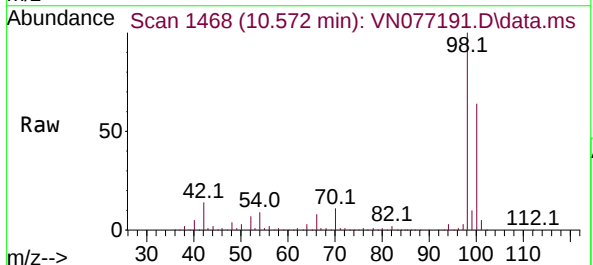
Acq: 24 Mar 2023 22:30

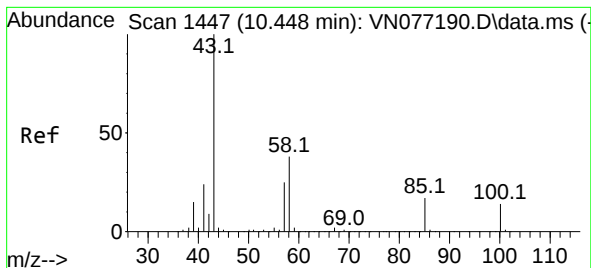
Tgt Ion: 98 Resp: 1541955

Ion Ratio Lower Upper

98 100

100 64.7 52.8 79.2





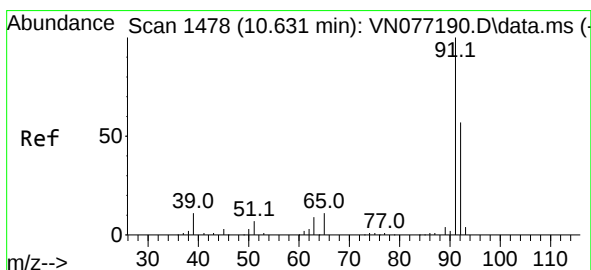
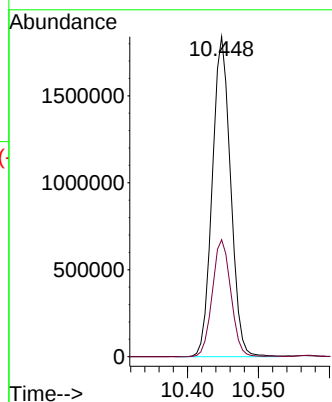
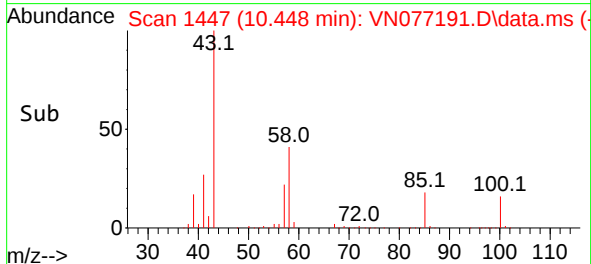
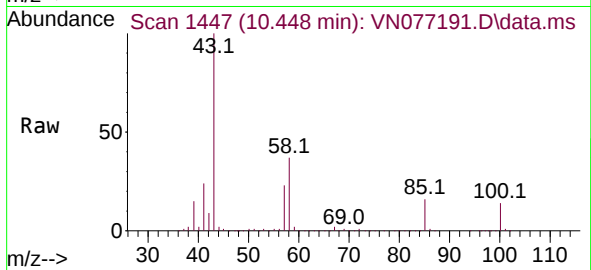
#51
4-Methyl-2-Pentanone
Concen: 376.685 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 43 Resp: 328880
Ion Ratio Lower Upper
43 100
58 37.1 37.4 56.0

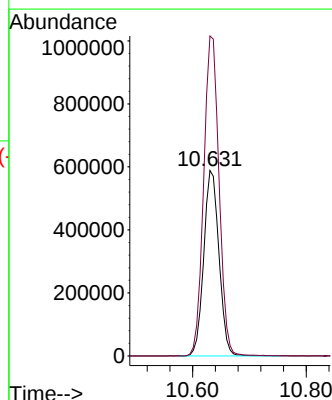
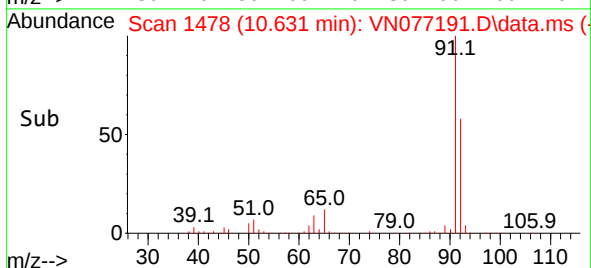
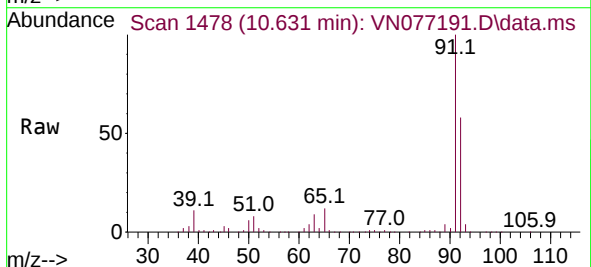
Manual Integrations
APPROVED

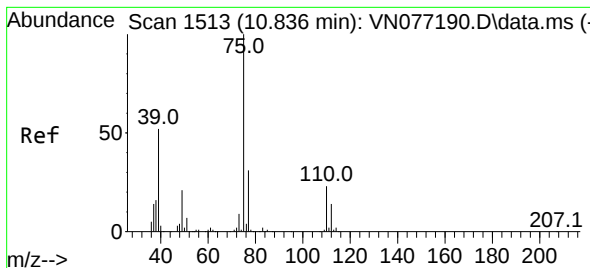
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#52
Toluene
Concen: 75.699 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. -0.001 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

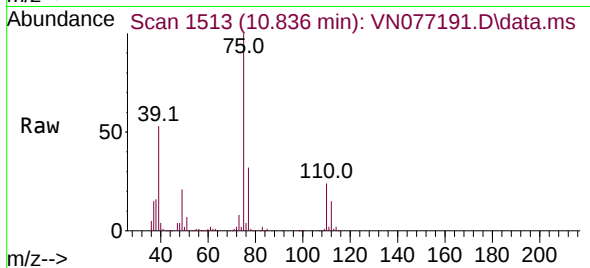
Tgt Ion: 92 Resp: 1091776
Ion Ratio Lower Upper
92 100
91 174.6 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 79.772 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

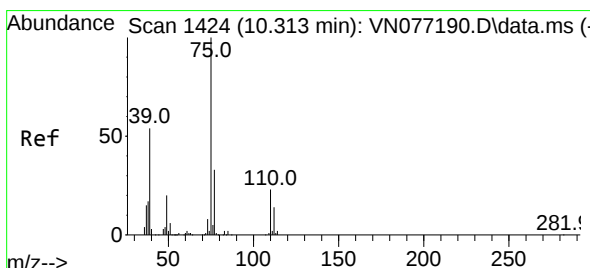
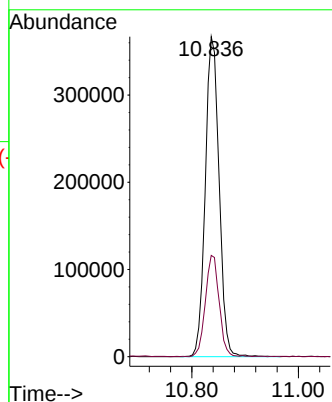
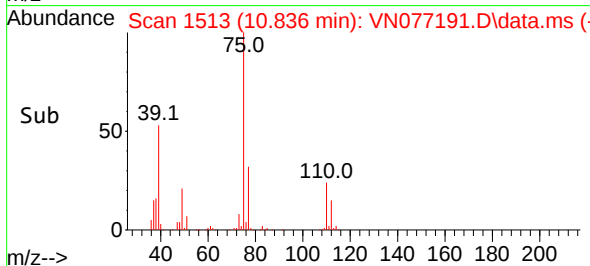
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



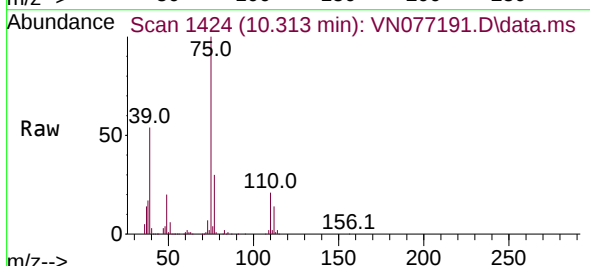
Tgt Ion: 75 Resp: 661809
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.6

Manual Integrations
APPROVED

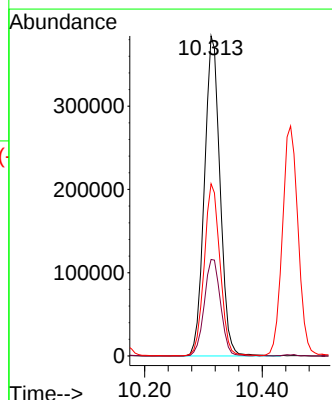
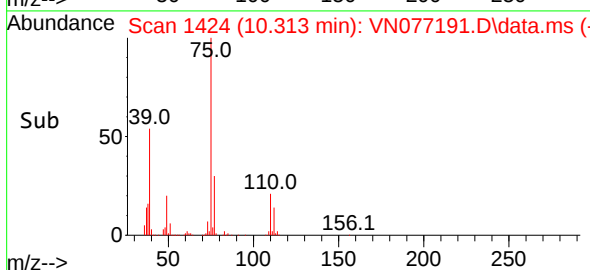
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023

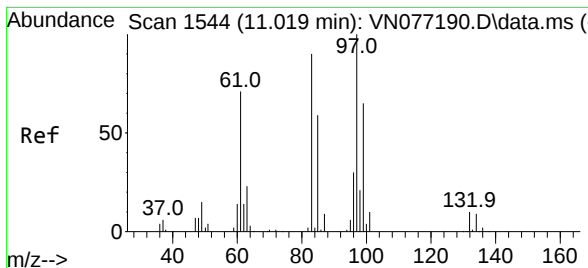


#54
cis-1,3-Dichloropropene
Concen: 78.177 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30



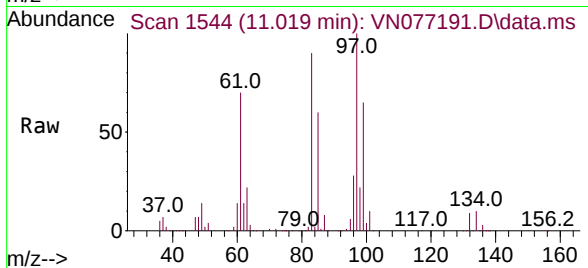
Tgt Ion: 75 Resp: 709789
Ion Ratio Lower Upper
75 100
77 30.1 25.7 38.5
39 53.7 29.7 44.5#





#55
1,1,2-Trichloroethane
Concen: 74.015 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

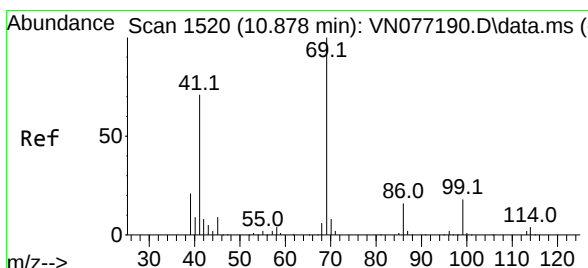
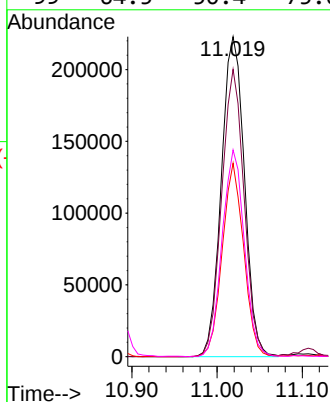
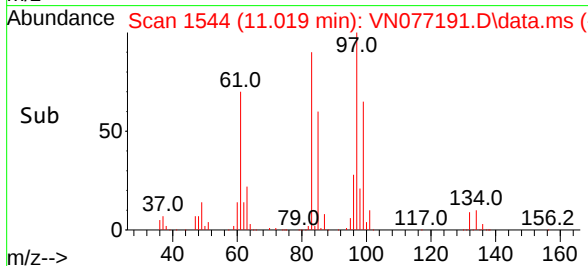


Tgt Ion: 97 Resp: 419052

Ion	Ratio	Lower	Upper
97	100		
83	89.8	67.1	100.7
85	60.4	41.8	62.8
99	64.5	50.4	75.6

Manual Integrations
APPROVED

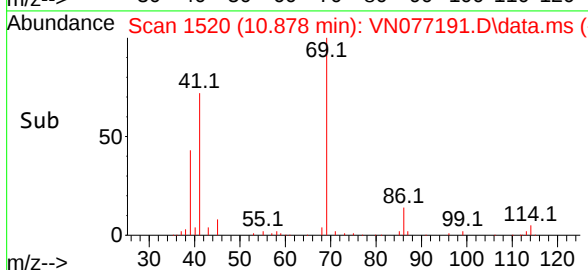
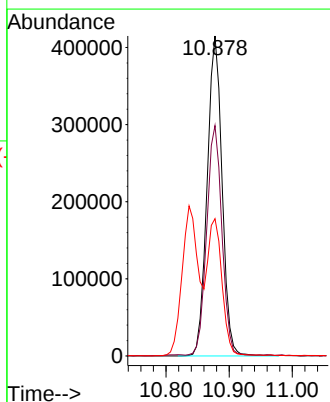
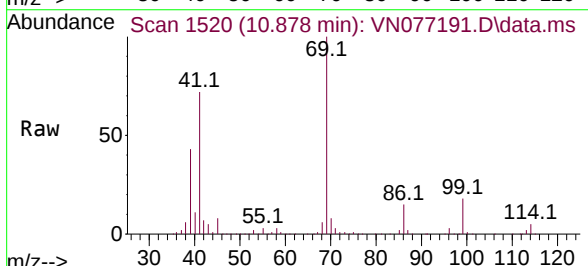
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023

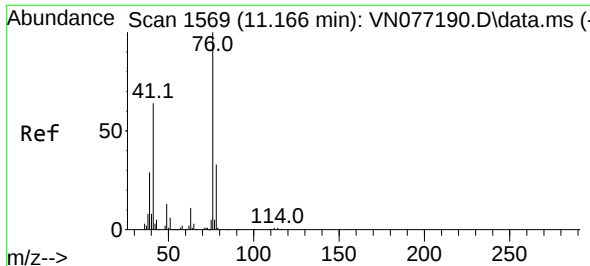


#56
Ethyl methacrylate
Concen: 81.440 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

Tgt Ion: 69 Resp: 680656

Ion	Ratio	Lower	Upper
69	100		
41	72.7	38.0	57.0#
39	40.2	22.4	33.6#





#57

1,3-Dichloropropane

Concen: 74.349 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077191.D

Acq: 24 Mar 2023 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 76 Resp: 750430

Ion Ratio Lower Upper

76 100

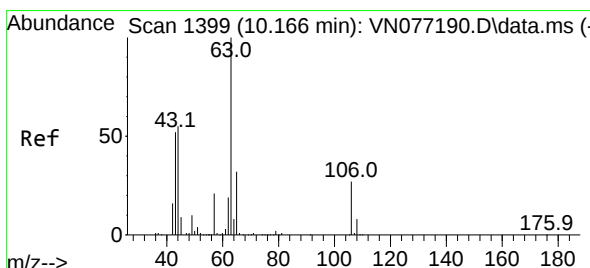
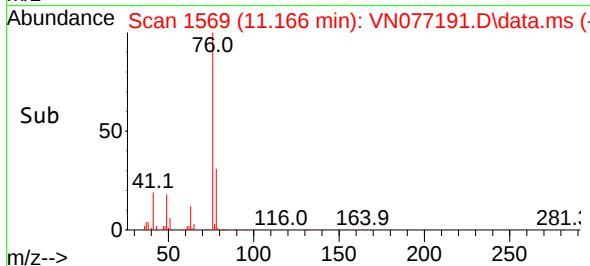
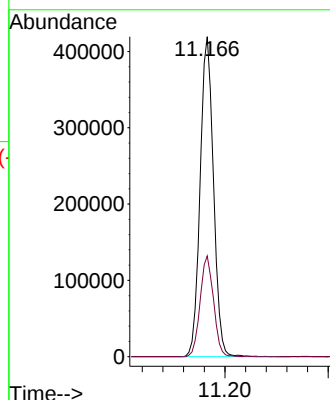
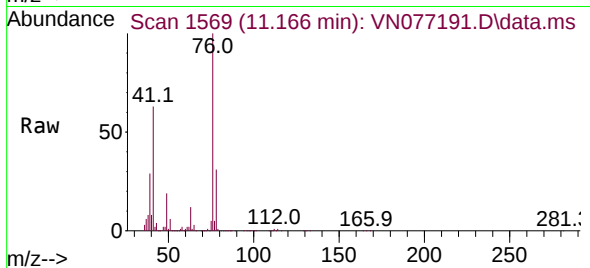
78 31.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2023

Supervised By :Mahesh Dadoda 03/27/2023



#58

2-Chloroethyl Vinyl ether

Concen: 392.993 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.006 min

Lab File: VN077191.D

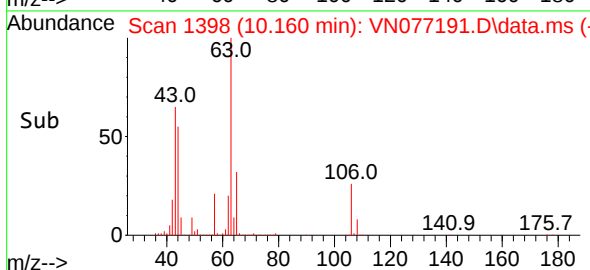
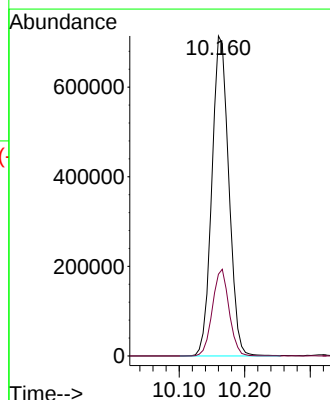
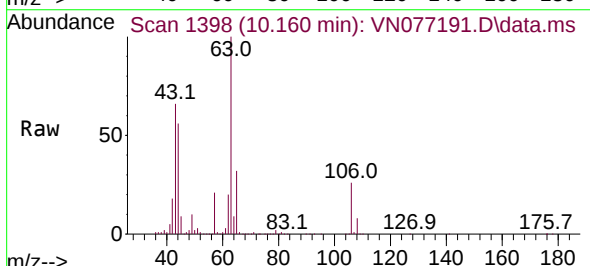
Acq: 24 Mar 2023 22:30

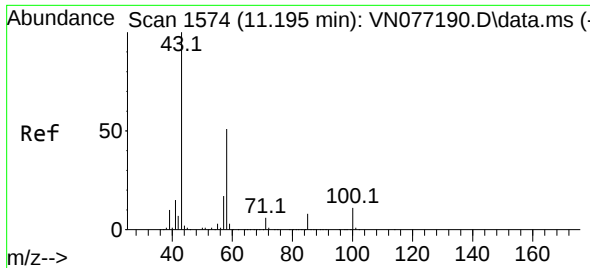
Tgt Ion: 63 Resp: 1281259

Ion Ratio Lower Upper

63 100

106 26.7 25.6 38.4





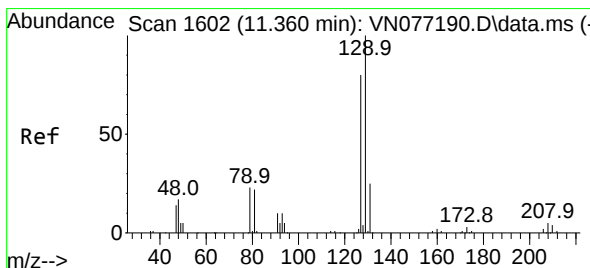
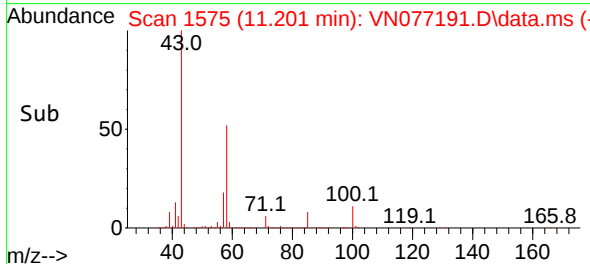
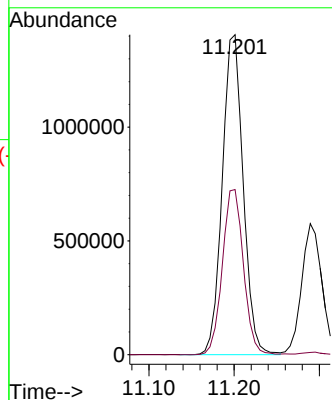
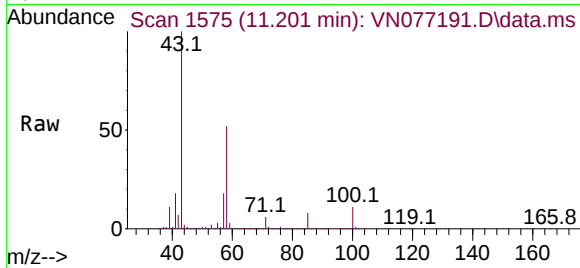
#59
2-Hexanone
Concen: 382.165 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 43 Resp: 2397962
Ion Ratio Lower Upper
43 100
58 52.0 32.6 98.0

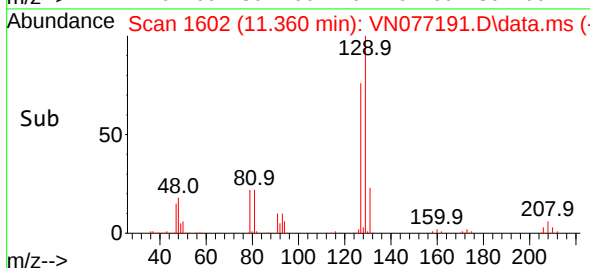
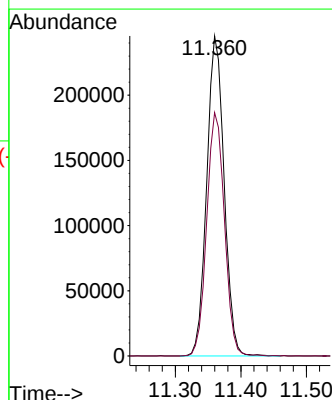
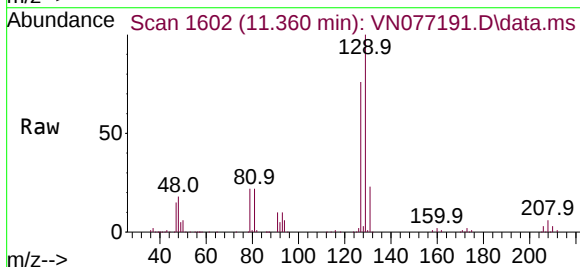
Manual Integrations
APPROVED

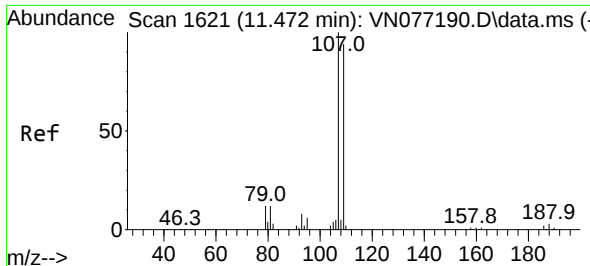
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#60
Dibromochloromethane
Concen: 77.787 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

Tgt Ion:129 Resp: 452428
Ion Ratio Lower Upper
129 100
127 77.6 39.6 118.8





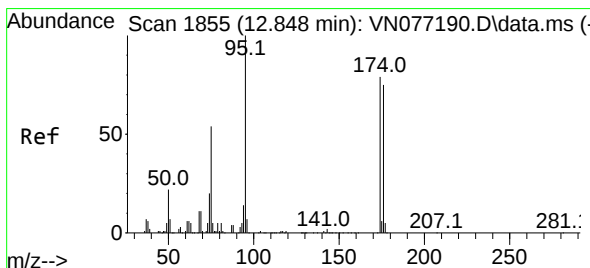
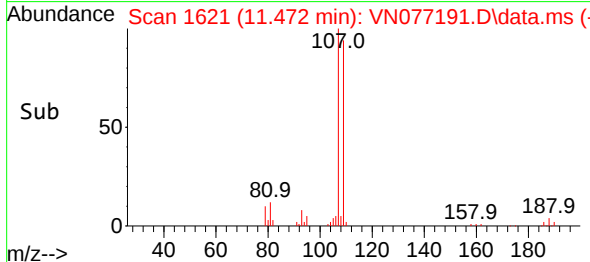
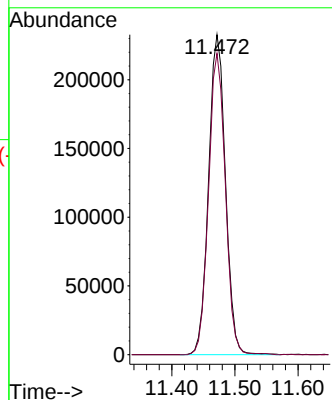
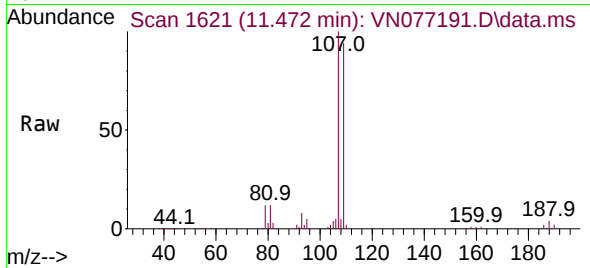
#61
1,2-Dibromoethane
Concen: 76.771 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:107 Resp: 43196
Ion Ratio Lower Upper
107 100
109 93.6 75.9 113.9

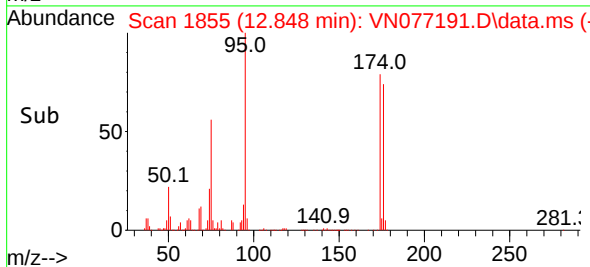
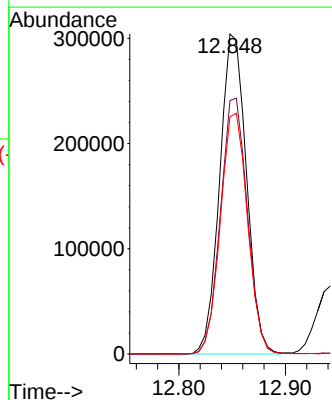
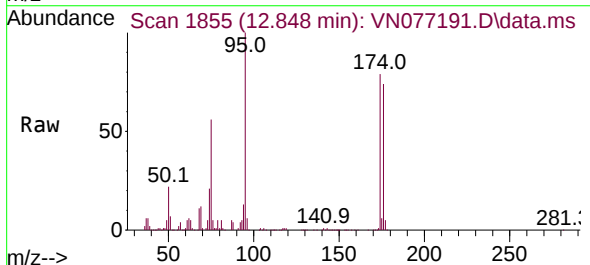
Manual Integrations
APPROVED

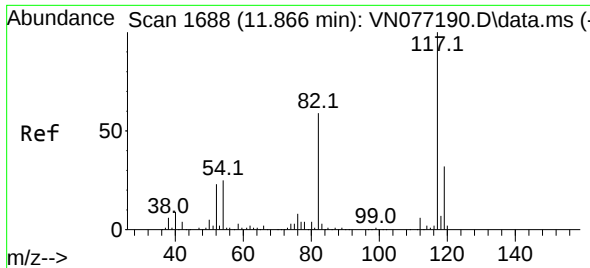
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#62
4-Bromofluorobenzene
Concen: 77.706 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

Tgt Ion: 95 Resp: 529822
Ion Ratio Lower Upper
95 100
174 80.5 0.0 162.4
176 76.4 0.0 157.4





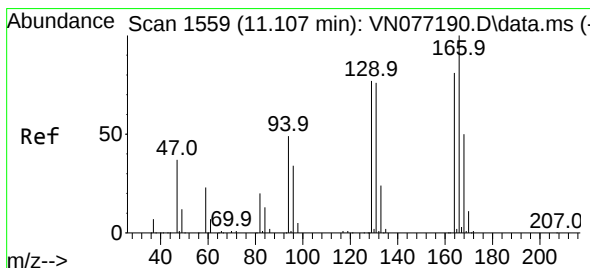
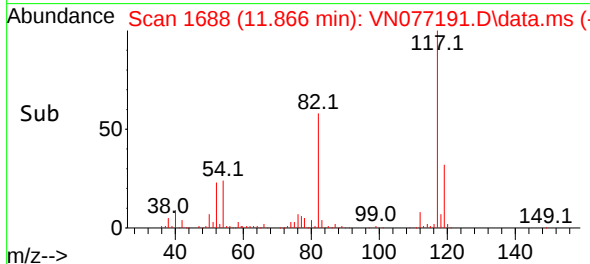
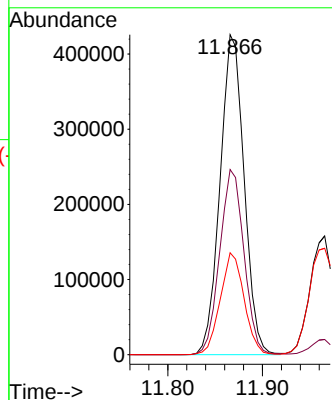
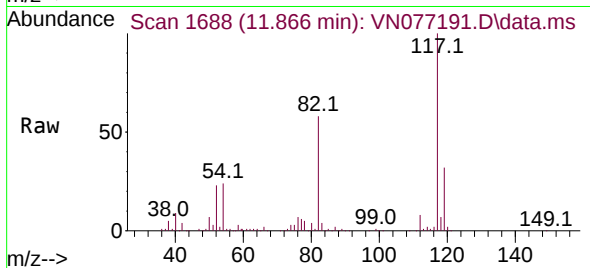
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:117 Resp: 75253
Ion Ratio Lower Upper
117 100
82 57.9 43.5 65.3
119 31.8 25.5 38.3

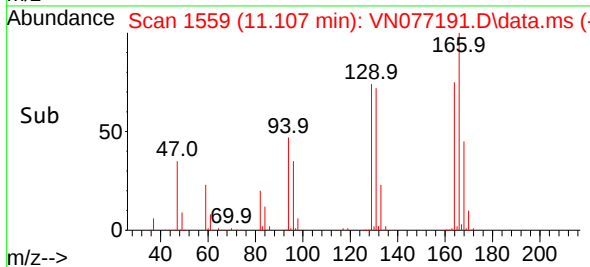
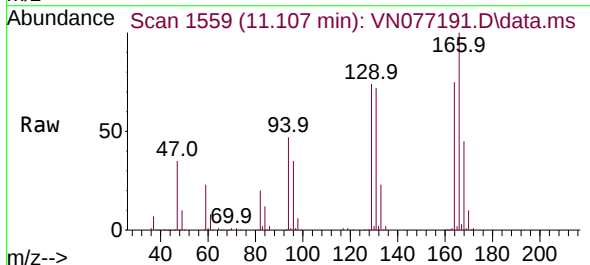
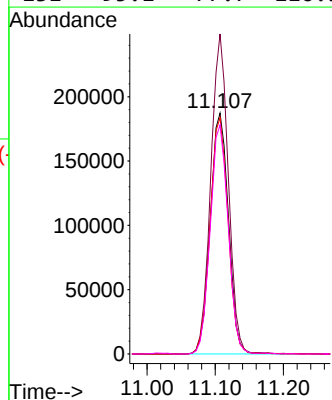
Manual Integrations
APPROVED

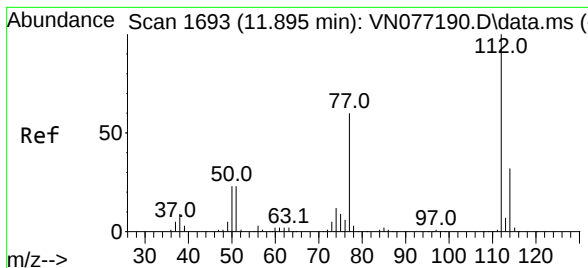
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#64
Tetrachloroethene
Concen: 74.930 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

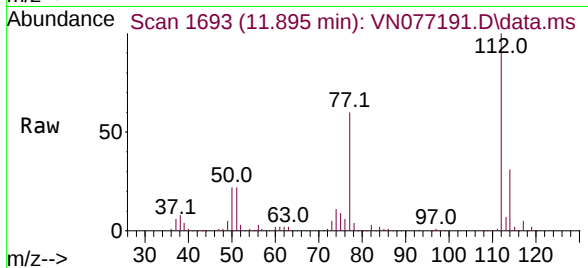
Tgt Ion:164 Resp: 349785
Ion Ratio Lower Upper
164 100
166 132.9 102.7 154.1
129 98.1 81.5 122.3
131 95.1 77.7 116.5





#65
Chlorobenzene
Concen: 74.716 ug/l
RT: 11.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

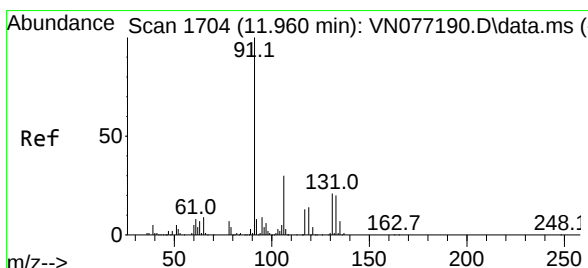
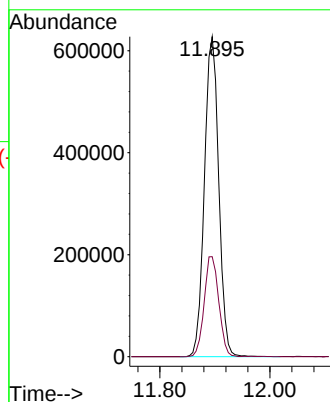
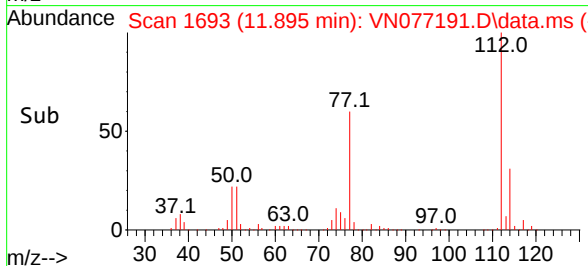
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



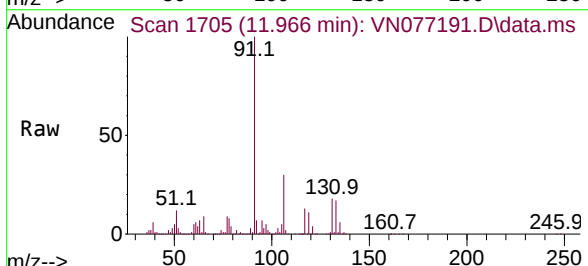
Tgt Ion:112 Resp: 113285
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.8

Manual Integrations
APPROVED

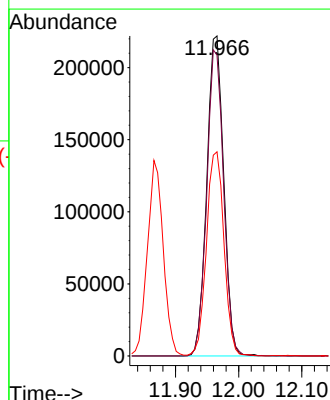
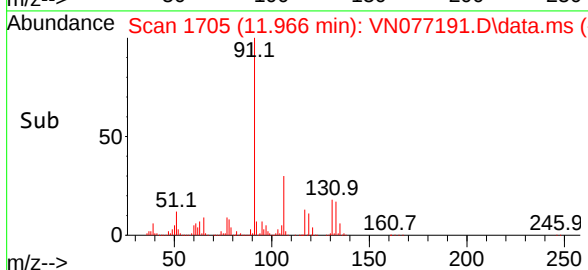
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023

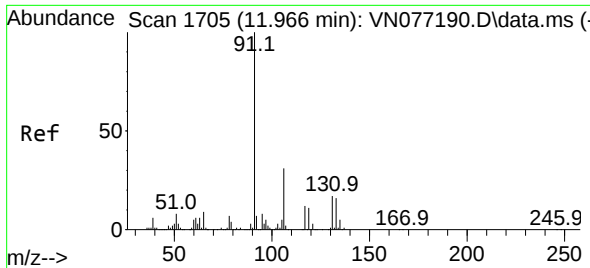


#66
1,1,1,2-Tetrachloroethane
Concen: 74.449 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30



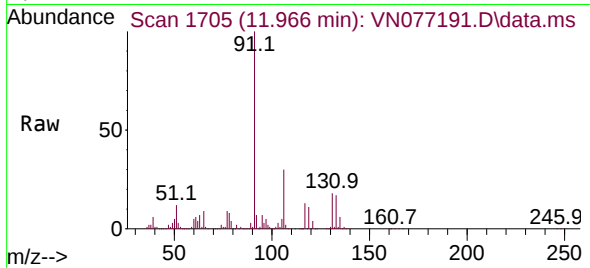
Tgt Ion:131 Resp: 412387
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.8
119 66.3 33.1 99.2





#67
Ethyl Benzene
Concen: 76.874 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

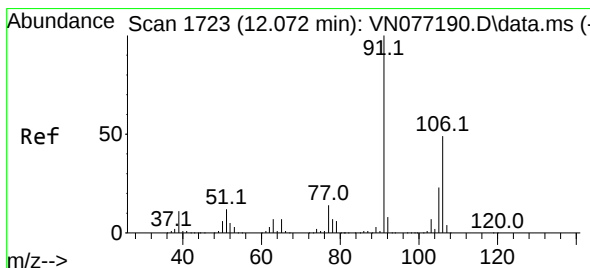
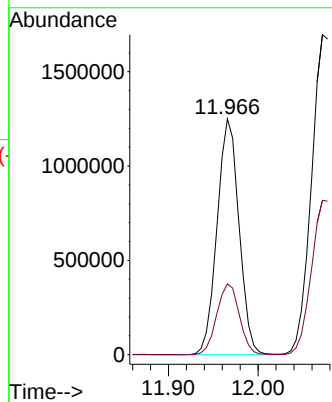
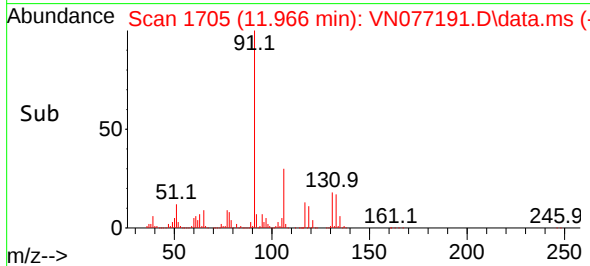
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



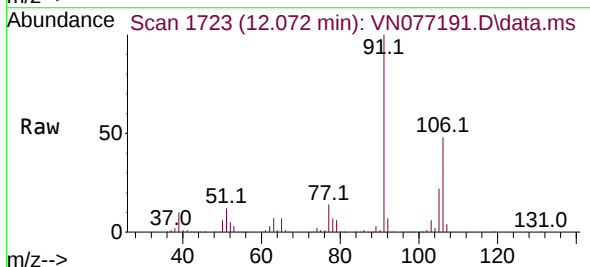
Tgt Ion: 91 Resp: 212040
Ion Ratio Lower Upper
91 100
106 30.1 25.1 37.7

Manual Integrations
APPROVED

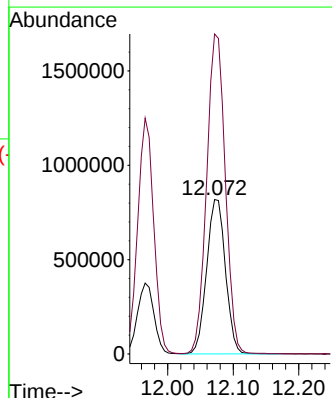
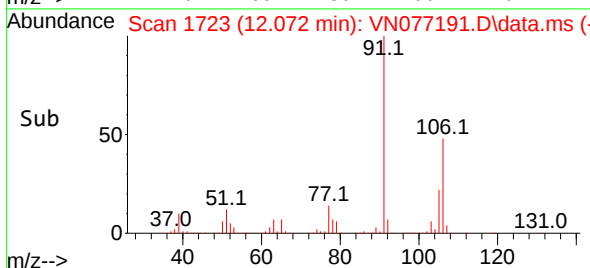
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023

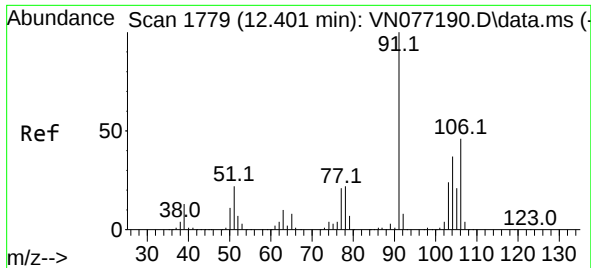


#68
m/p-Xylenes
Concen: 155.228 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30



Tgt Ion:106 Resp: 1628546
Ion Ratio Lower Upper
106 100
91 206.2 158.0 237.0





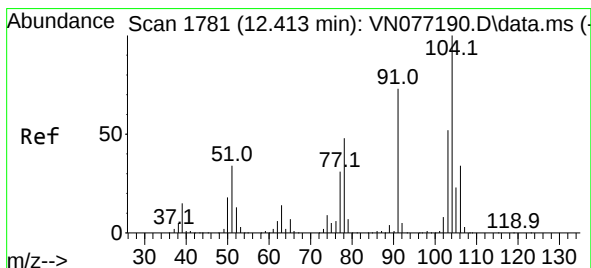
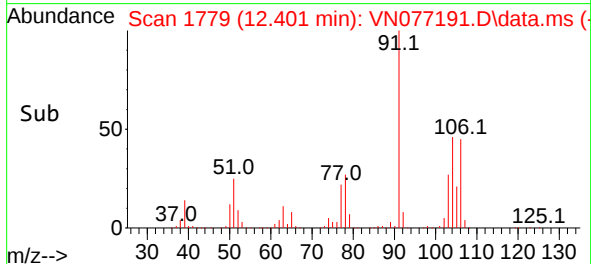
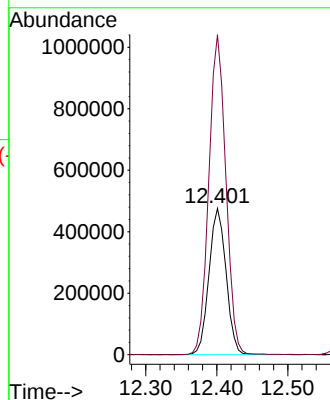
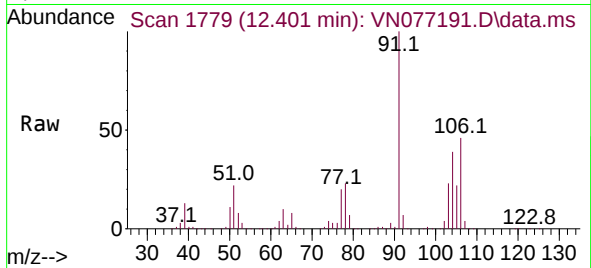
#69
o-Xylene
Concen: 78.325 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:106 Resp: 79574
Ion Ratio Lower Upper
106 100
91 218.7 101.8 305.4

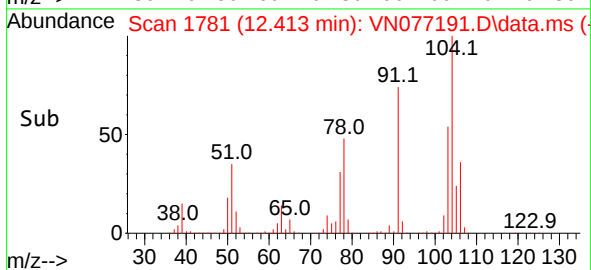
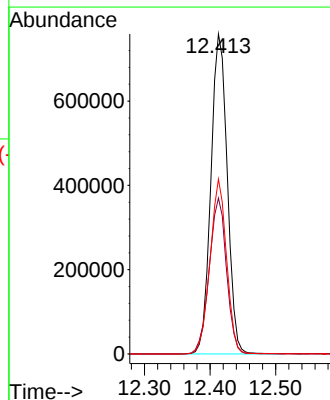
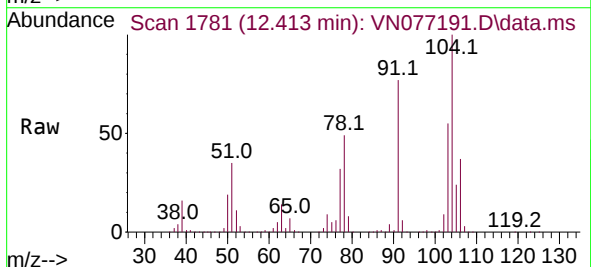
Manual Integrations
APPROVED

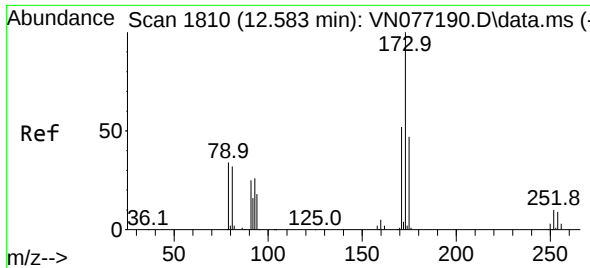
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#70
Styrene
Concen: 80.282 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

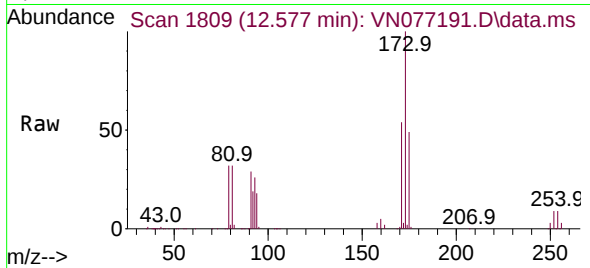
Tgt Ion:104 Resp: 1317466
Ion Ratio Lower Upper
104 100
78 51.4 36.6 55.0
103 55.2 43.4 65.0





#71
Bromoform
Concen: 79.074 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

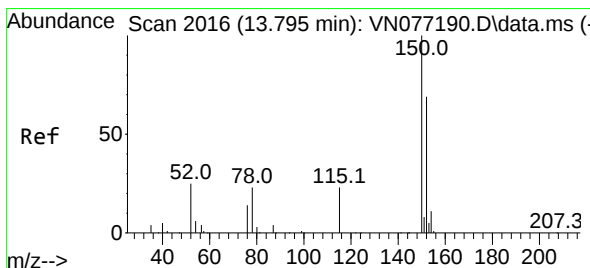
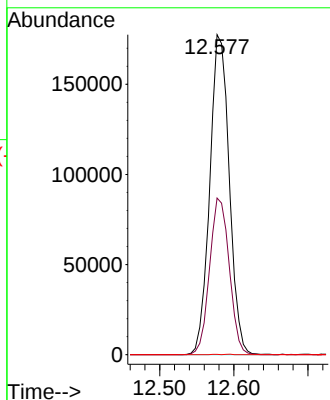
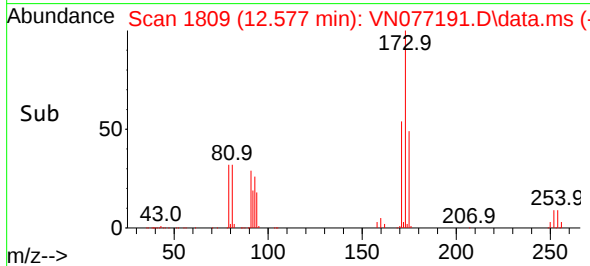
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



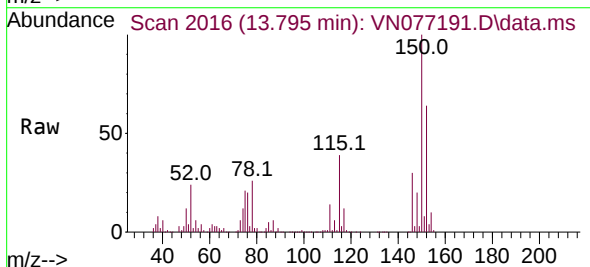
Tgt Ion:173 Resp: 324430
Ion Ratio Lower Upper
173 100
175 49.3 24.9 74.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

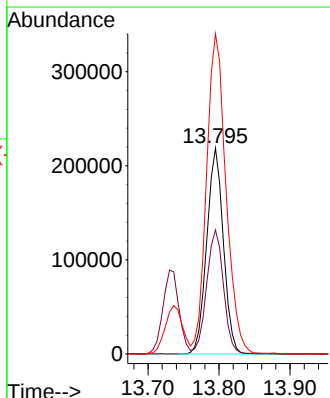
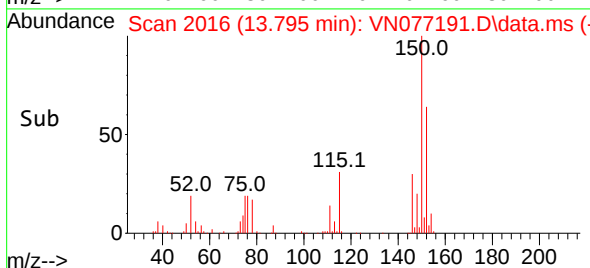
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023

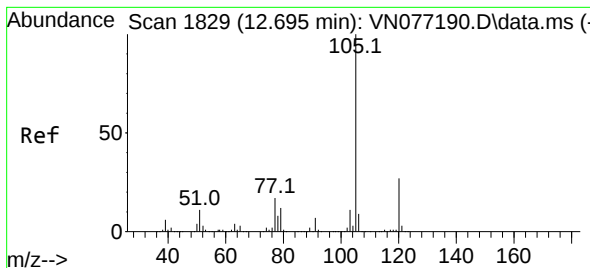


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30



Tgt Ion:152 Resp: 357279
Ion Ratio Lower Upper
152 100
115 60.8 30.3 90.9
150 180.1 0.0 353.6





#73

Isopropylbenzene

Concen: 74.743 ug/l

RT: 12.695 min Scan# 1829

Delta R.T. 0.000 min

Lab File: VN077191.D

Acq: 24 Mar 2023 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion:105 Resp: 2101080

Ion Ratio Lower Upper

105 100

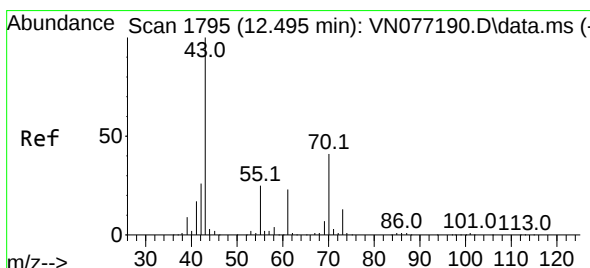
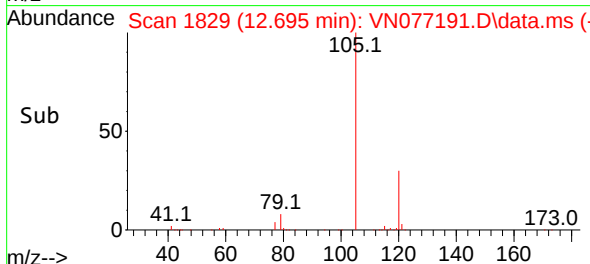
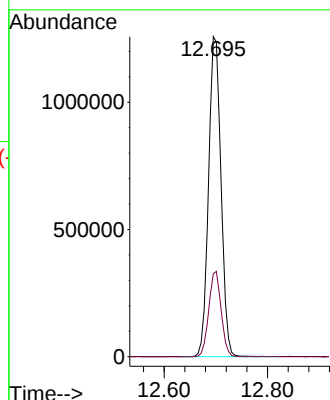
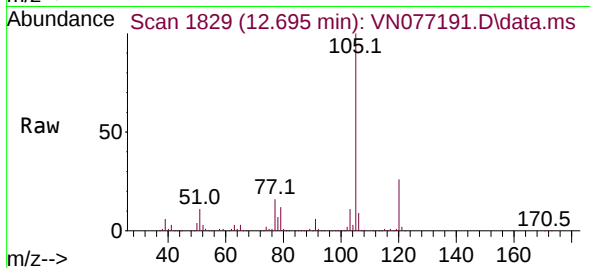
120 26.4 13.8 41.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2023

Supervised By :Mahesh Dadoda 03/27/2023



#74

N-ethyl acetate

Concen: 75.178 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VN077191.D

Acq: 24 Mar 2023 22:30

Tgt Ion: 43 Resp: 920881

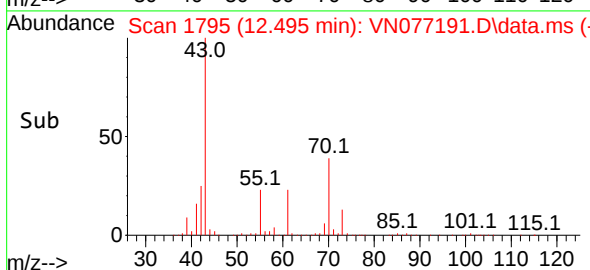
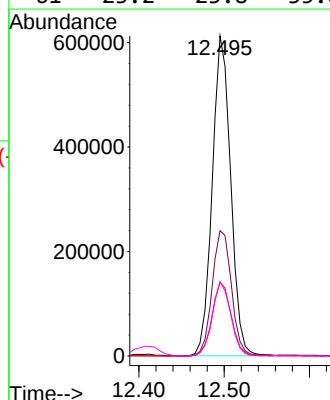
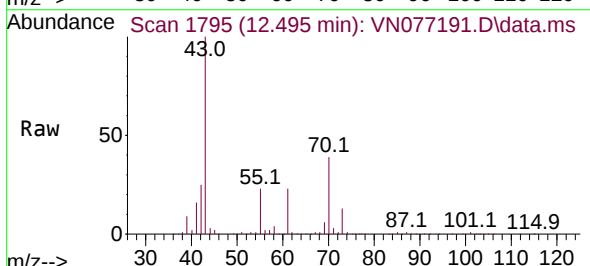
Ion Ratio Lower Upper

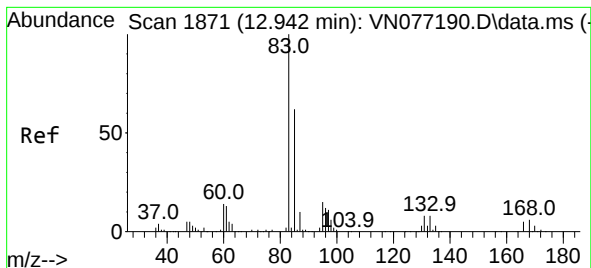
43 100

70 41.1 46.8 70.2#

55 24.0 23.4 35.2

61 23.2 23.8 35.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 67.771 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN077191.D

Acq: 24 Mar 2023 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 83 Resp: 636330

Ion Ratio Lower Upper

83 100

131 9.9 5.3 16.1

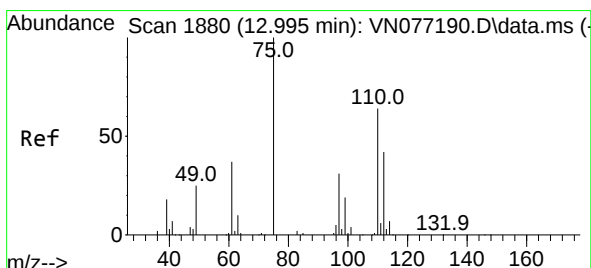
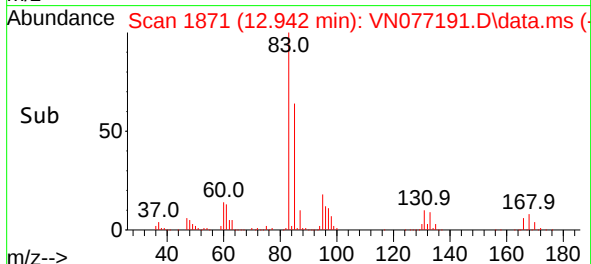
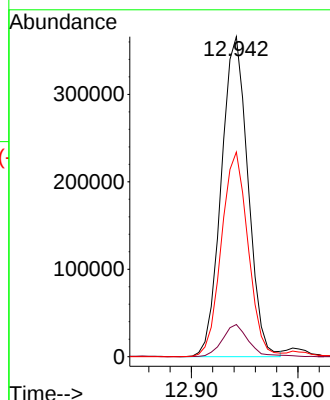
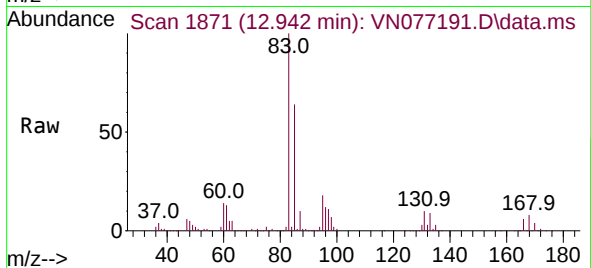
85 63.9 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2023

Supervised By :Mahesh Dadoda 03/27/2023



#76

1,2,3-Trichloropropane

Concen: 72.766 ug/l m

RT: 12.995 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN077191.D

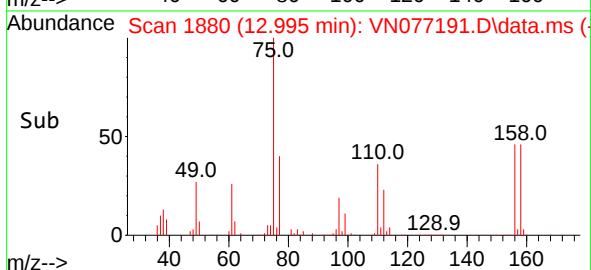
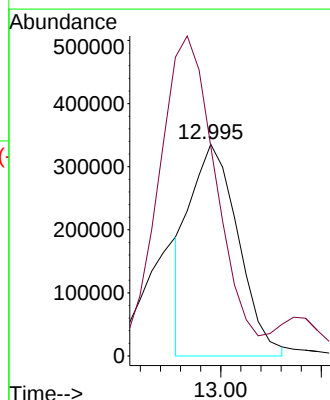
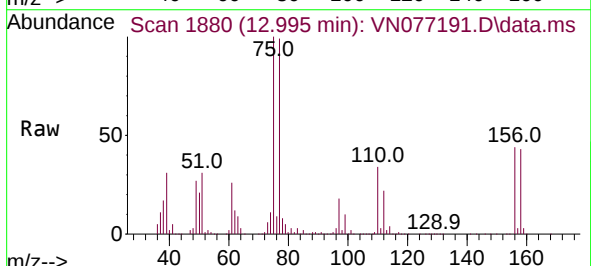
Acq: 24 Mar 2023 22:30

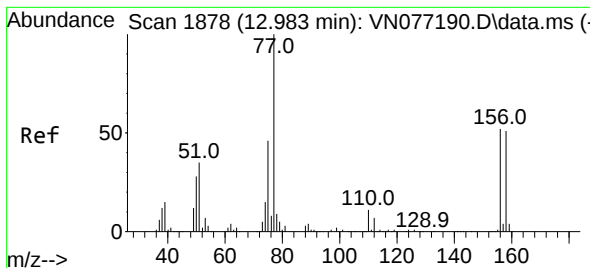
Tgt Ion: 75 Resp: 561630

Ion Ratio Lower Upper

75 100

77 180.2 93.8 281.4





#77

Bromobenzene

Concen: 73.514 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077191.D

Acq: 24 Mar 2023 22:30

Instrument :

MSVOA_N

ClientSampleId :

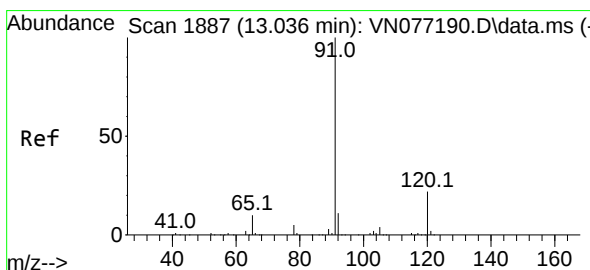
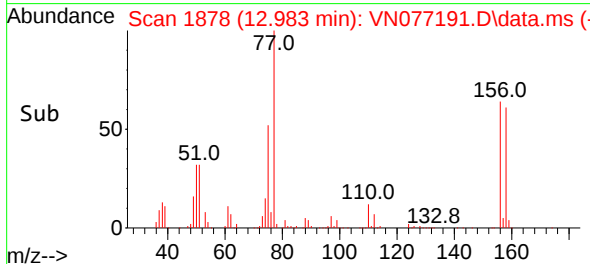
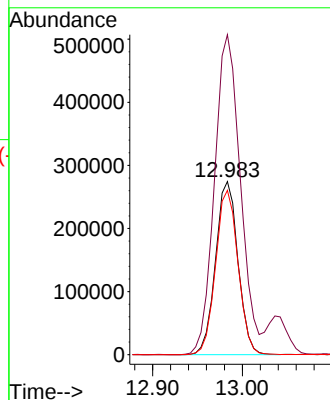
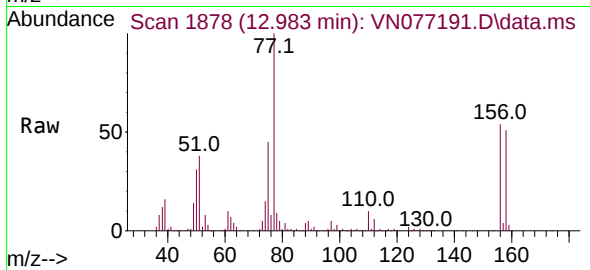
VSTDIC075

Tgt Ion:156 Resp: 475744
 Ion Ratio Lower Upper
 156 100
 77 212.8 101.3 303.7
 158 95.1 48.9 146.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2023
 Supervised By :Mahesh Dadoda 03/27/2023



#78

n-propylbenzene

Concen: 76.124 ug/l

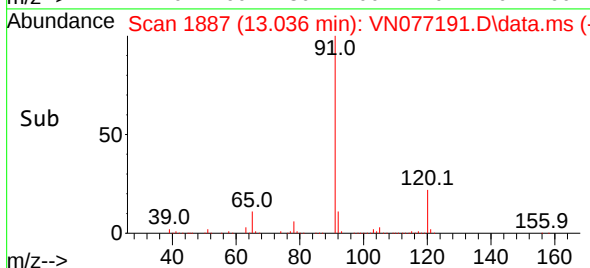
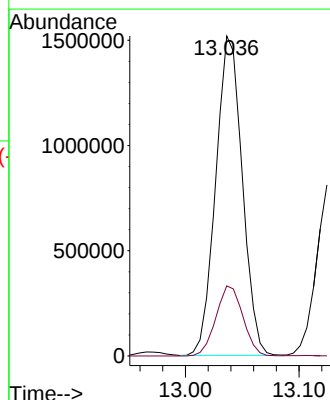
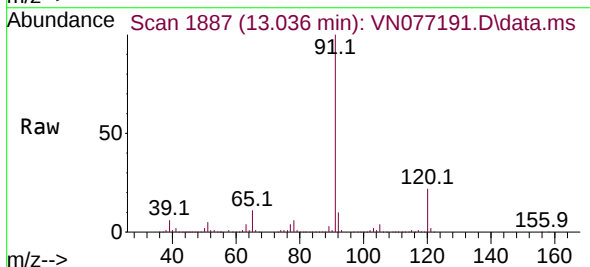
RT: 13.036 min Scan# 1887

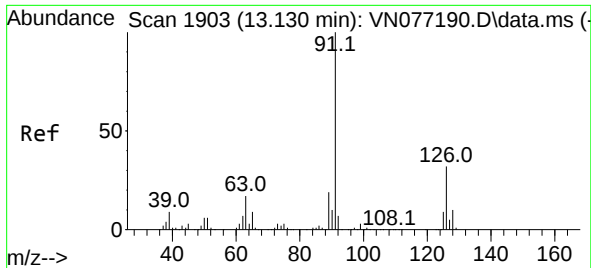
Delta R.T. 0.000 min

Lab File: VN077191.D

Acq: 24 Mar 2023 22:30

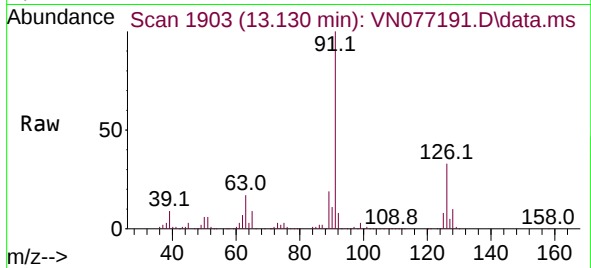
Tgt Ion: 91 Resp: 2467851
 Ion Ratio Lower Upper
 91 100
 120 22.3 11.9 35.7





#79
2-Chlorotoluene
Concen: 73.313 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

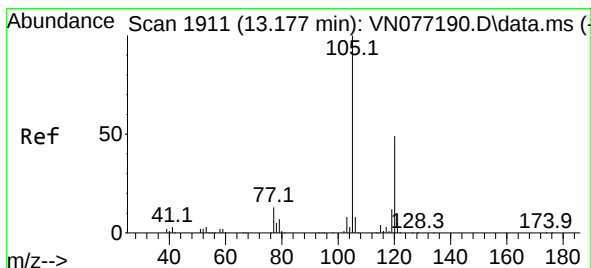
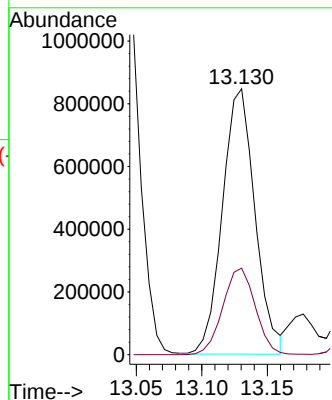
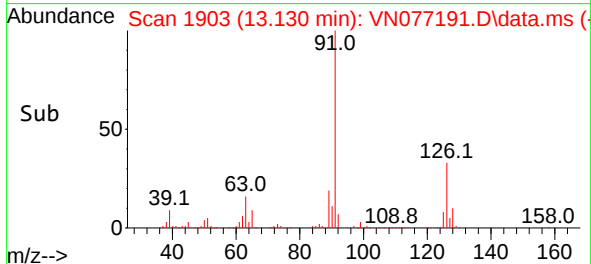
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



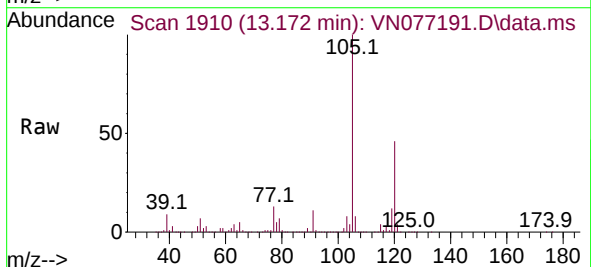
Tgt Ion: 91 Resp: 146153
Ion Ratio Lower Upper
91 100
126 32.6 17.7 53.1

Manual Integrations
APPROVED

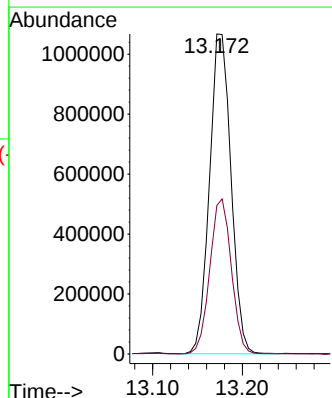
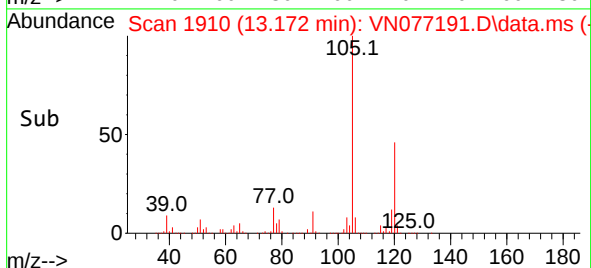
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023

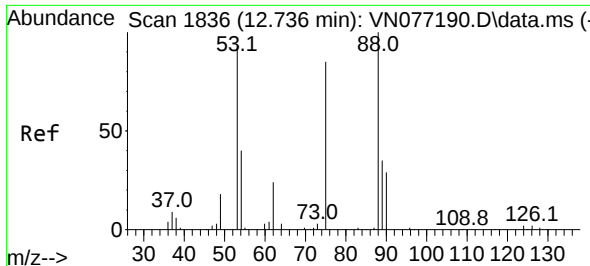


#80
1,3,5-Trimethylbenzene
Concen: 75.935 ug/l
RT: 13.172 min Scan# 1910
Delta R.T. -0.005 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30



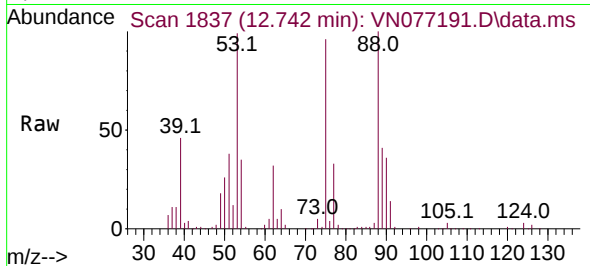
Tgt Ion:105 Resp: 1777593
Ion Ratio Lower Upper
105 100
120 48.3 25.2 75.6





#81
trans-1,4-Dichloro-2-butene
Concen: 79.643 ug/l
RT: 12.742 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

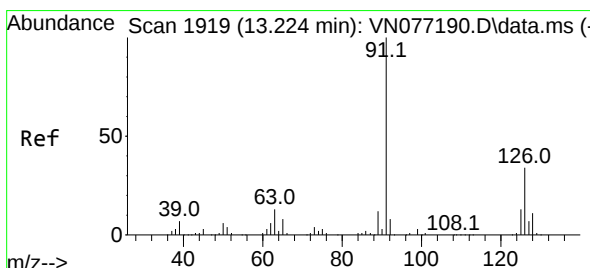
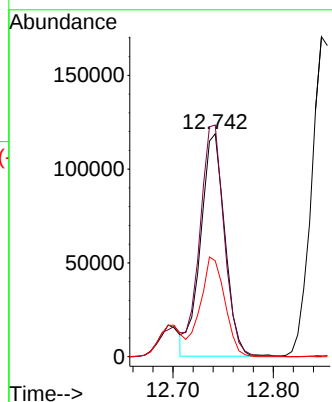
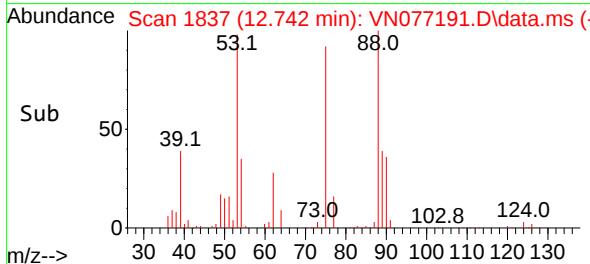
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



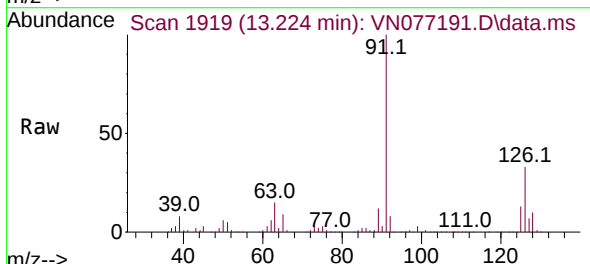
Tgt Ion: 75 Resp: 200277
Ion Ratio Lower Upper
75 100
53 117.1 67.4 101.0
89 44.7 39.5 59.3

Manual Integrations
APPROVED

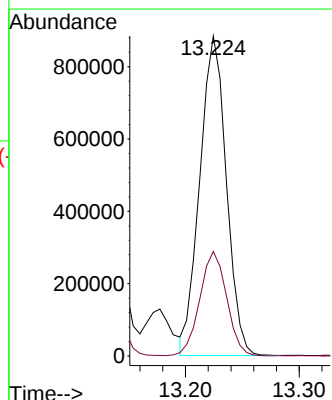
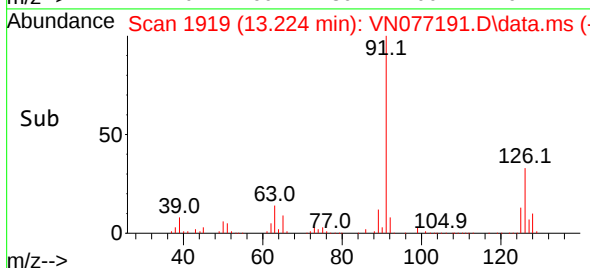
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023

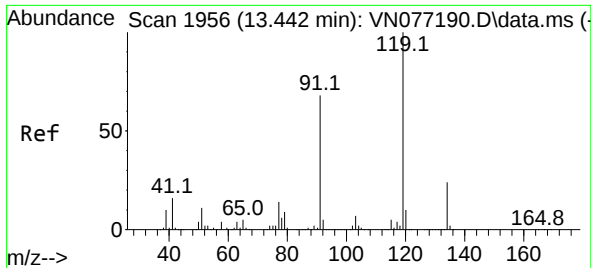


#82
4-Chlorotoluene
Concen: 75.817 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30



Tgt Ion: 91 Resp: 1434648
Ion Ratio Lower Upper
91 100
126 33.1 18.0 54.0





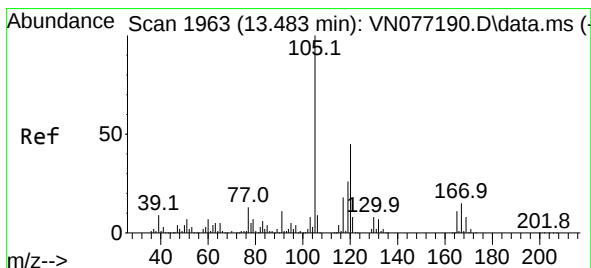
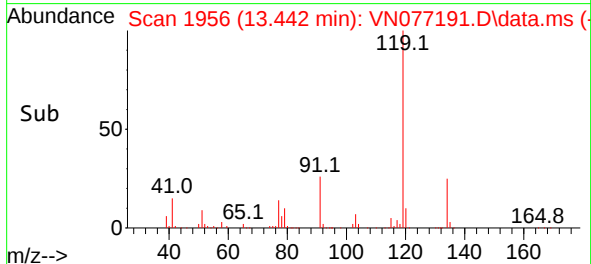
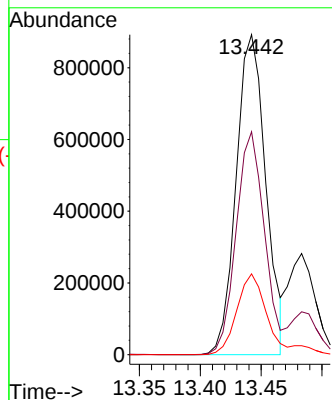
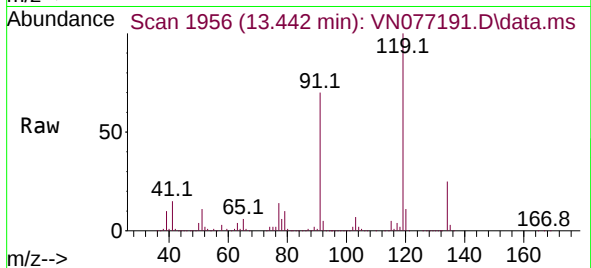
#83
tert-Butylbenzene
Concen: 76.094 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:119 Resp: 1506584
Ion Ratio Lower Upper
119 100
91 68.3 31.9 95.5
134 26.9 13.8 41.4

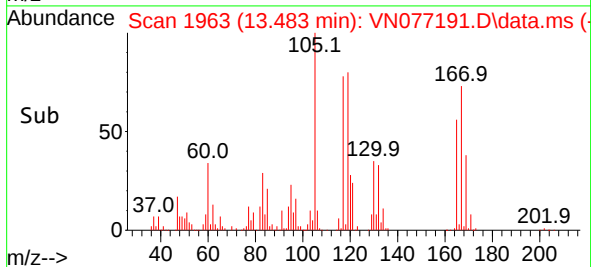
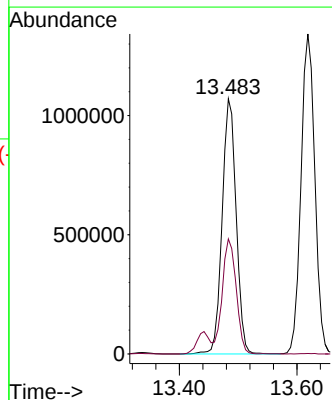
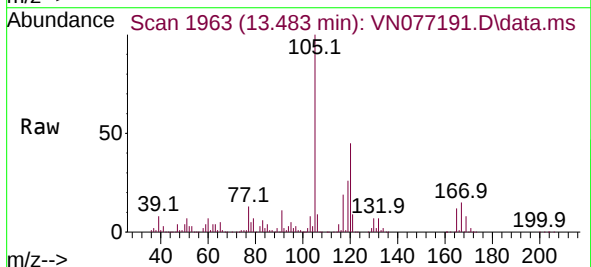
Manual Integrations
APPROVED

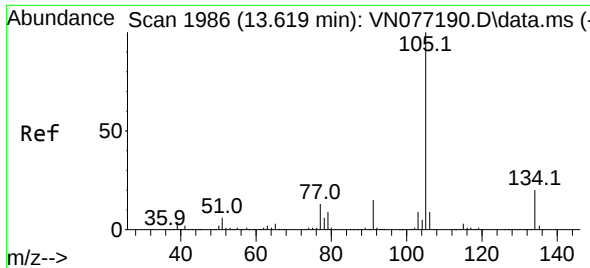
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#84
1,2,4-Trimethylbenzene
Concen: 76.887 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

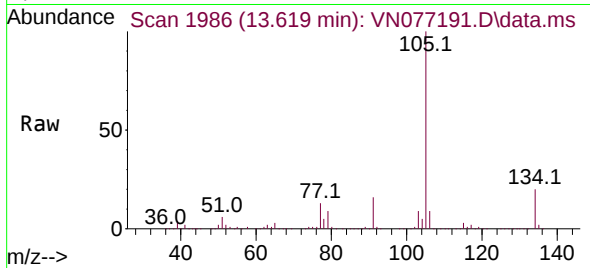
Tgt Ion:105 Resp: 1768770
Ion Ratio Lower Upper
105 100
120 45.3 23.6 70.8





#85
 sec-Butylbenzene
 Concen: 77.602 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077191.D
 Acq: 24 Mar 2023 22:30

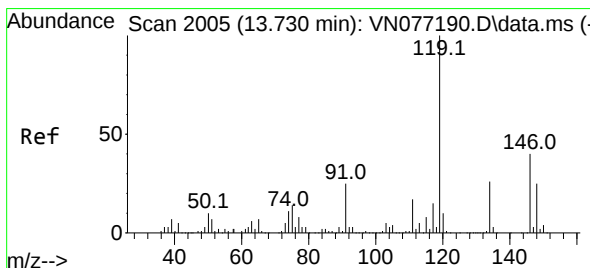
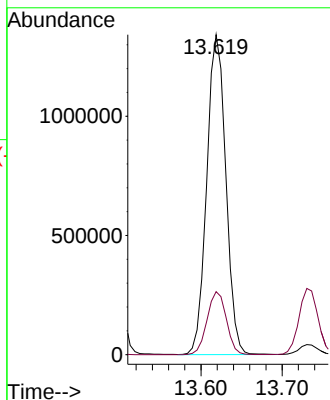
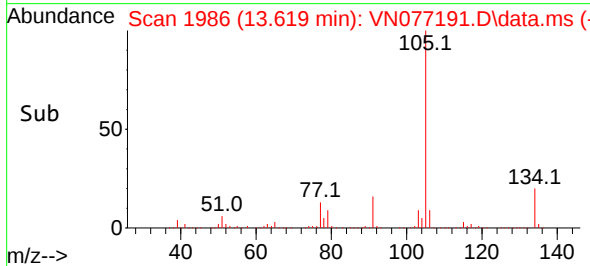
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



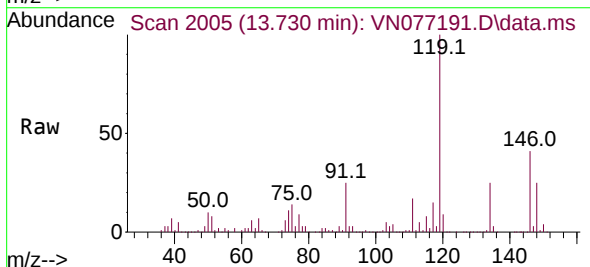
Tgt Ion:105 Resp: 2191408
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.4 31.2

Manual Integrations
 APPROVED

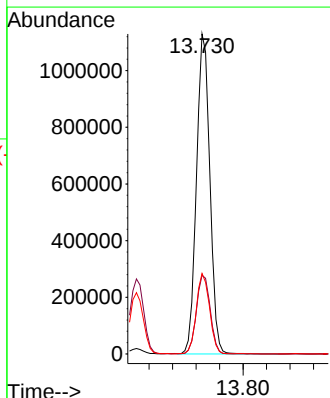
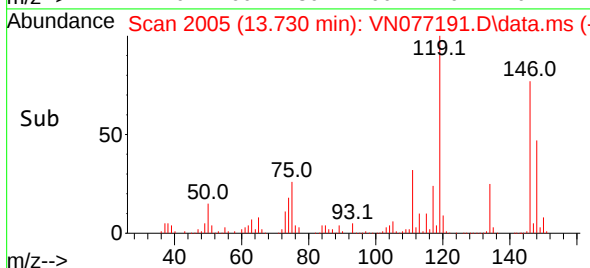
Reviewed By :Semsettin Yesilyurt 03/27/2023
 Supervised By :Mahesh Dadoda 03/27/2023

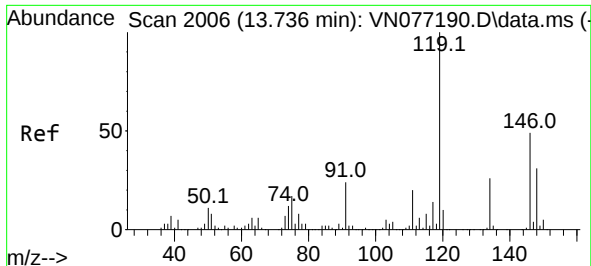


#86
 p-Isopropyltoluene
 Concen: 78.806 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077191.D
 Acq: 24 Mar 2023 22:30



Tgt Ion:119 Resp: 1782327
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.5 40.5
 91 24.8 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 74.740 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077191.D

Acq: 24 Mar 2023 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion:146 Resp: 872990

Ion Ratio Lower Upper

146 100

111 41.3 20.4 61.2

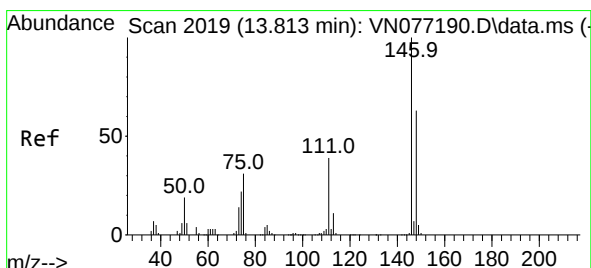
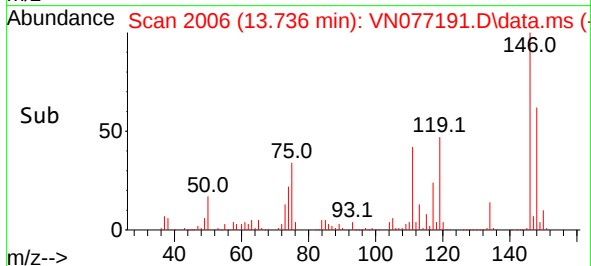
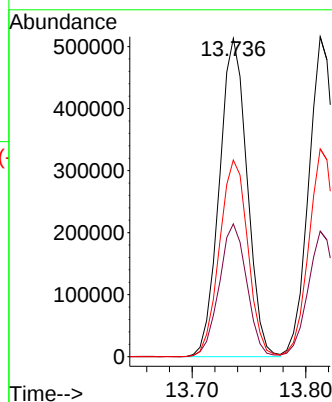
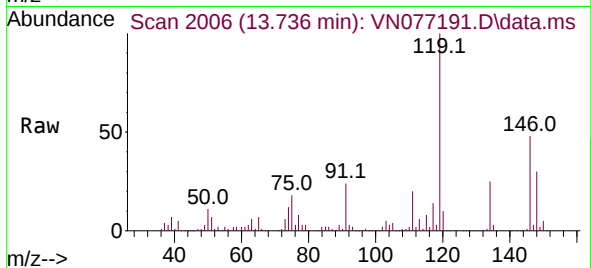
148 63.0 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2023

Supervised By :Mahesh Dadoda 03/27/2023



#88

1,4-Dichlorobenzene

Concen: 73.132 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VN077191.D

Acq: 24 Mar 2023 22:30

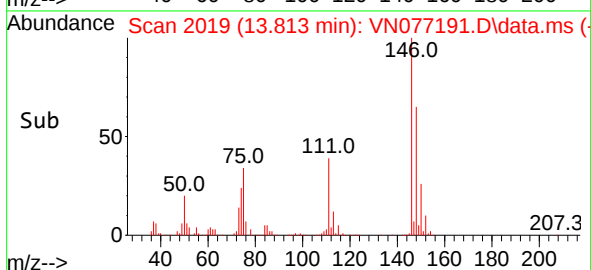
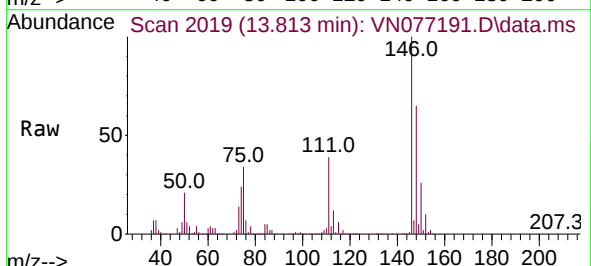
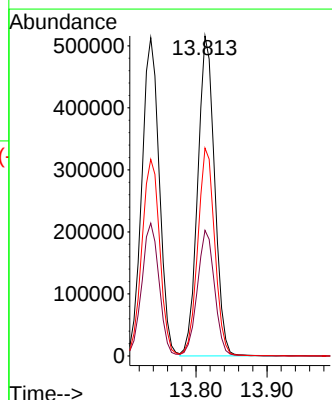
Tgt Ion:146 Resp: 854358

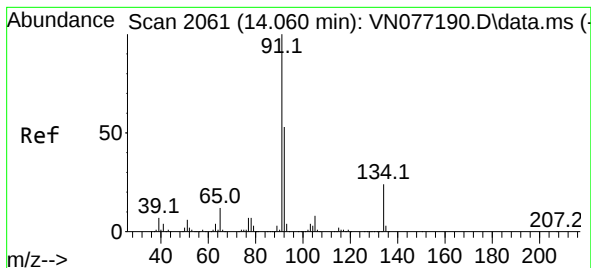
Ion Ratio Lower Upper

146 100

111 40.1 20.0 60.0

148 64.9 31.8 95.4





#89

n-Butylbenzene

Concen: 84.625 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077191.D

Acq: 24 Mar 2023 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 91 Resp: 1569090

Ion Ratio Lower Upper

91 100

92 51.8 26.6 79.7

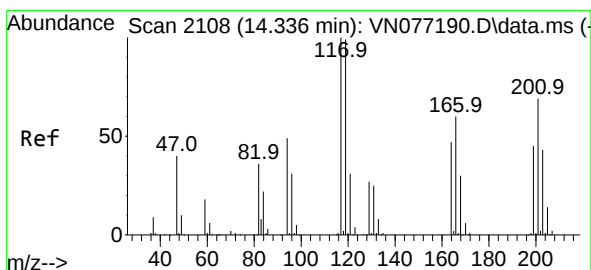
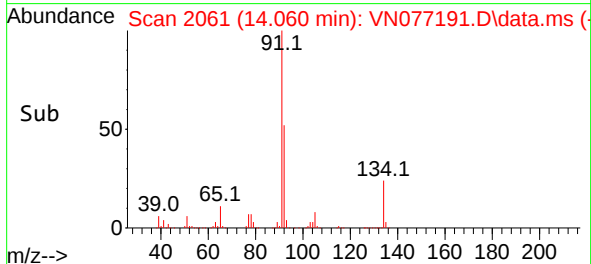
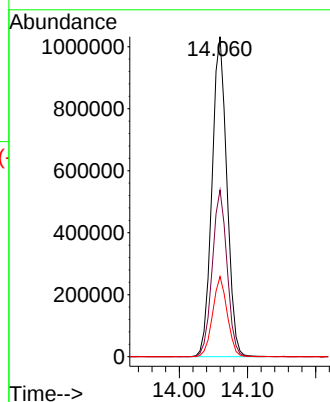
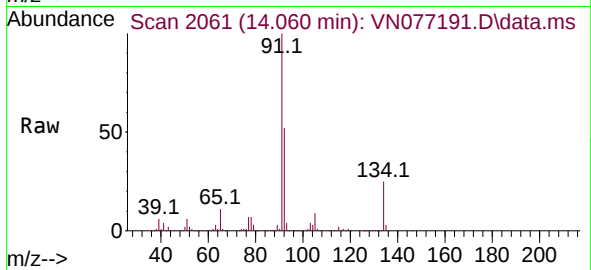
134 24.5 13.6 40.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2023

Supervised By :Mahesh Dadoda 03/27/2023



#90

Hexachloroethane

Concen: 75.627 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VN077191.D

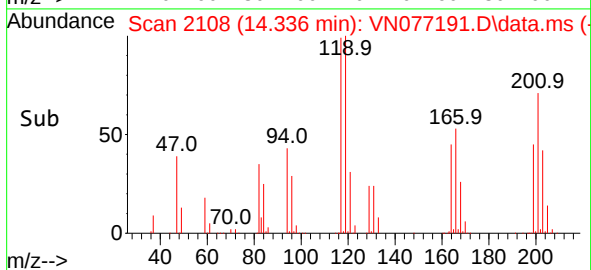
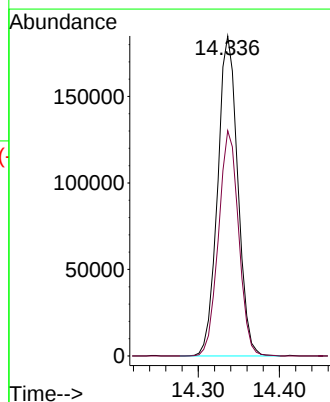
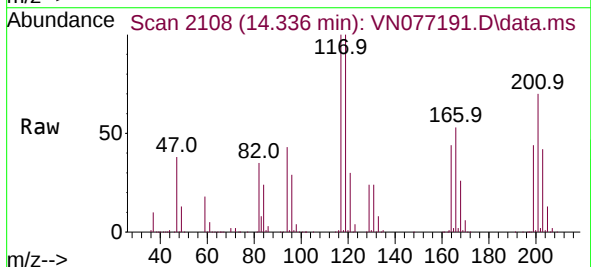
Acq: 24 Mar 2023 22:30

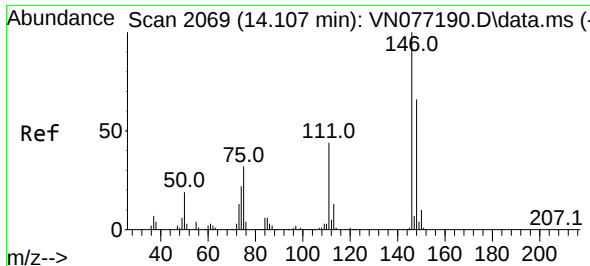
Tgt Ion:117 Resp: 318744

Ion Ratio Lower Upper

117 100

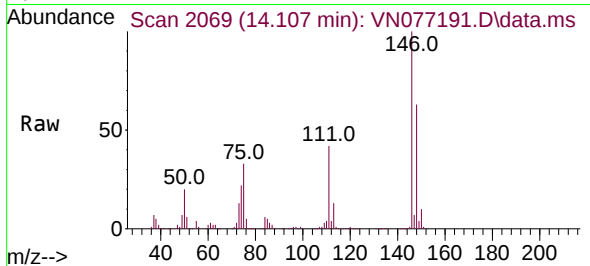
201 70.3 31.9 95.7





#91
1,2-Dichlorobenzene
Concen: 73.693 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

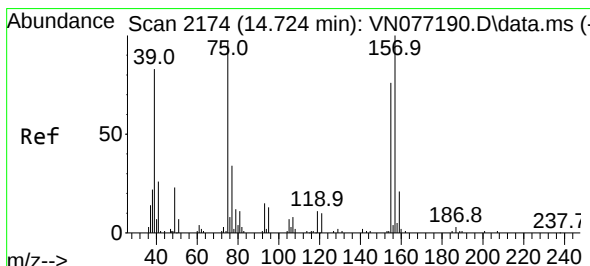
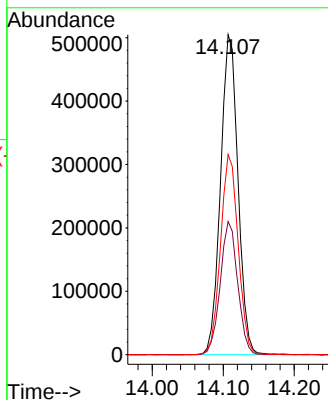
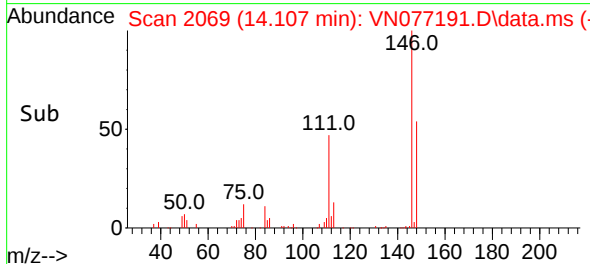
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:146 Resp: 85853
Ion Ratio Lower Upper
146 100
111 41.5 21.4 64.2
148 63.4 32.0 96.0

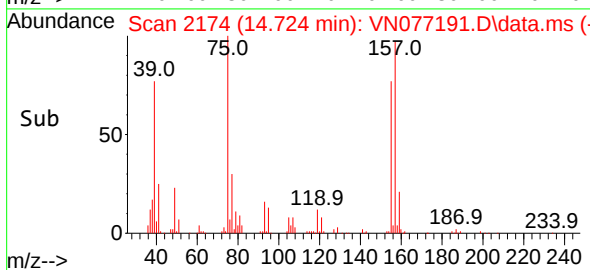
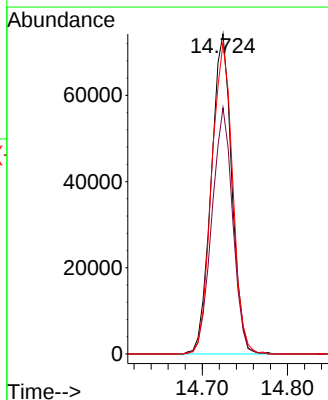
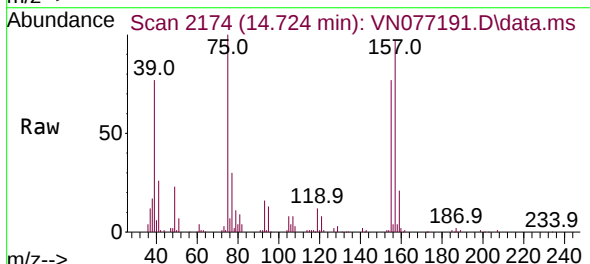
Manual Integrations
APPROVED

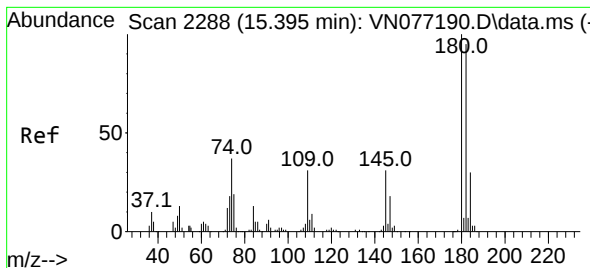
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 75.116 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

Tgt Ion: 75 Resp: 124804
Ion Ratio Lower Upper
75 100
155 77.7 44.3 132.8
157 98.7 58.3 174.8





#93

1,2,4-Trichlorobenzene

Concen: 73.324 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077191.D

Acq: 24 Mar 2023 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion:180 Resp: 428670

Ion Ratio Lower Upper

180 100

182 96.7 47.4 142.2

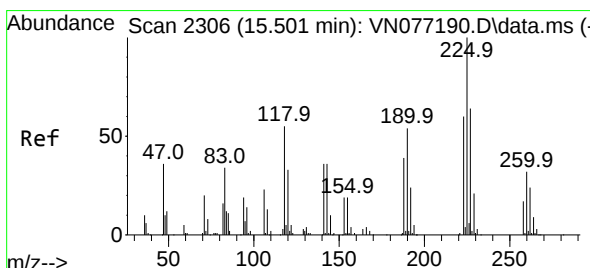
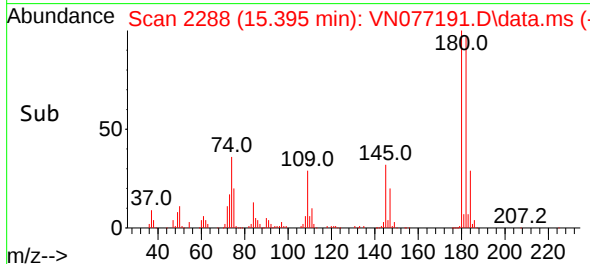
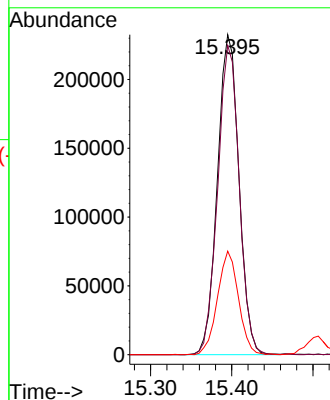
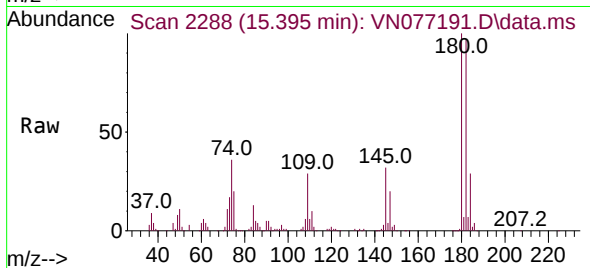
145 31.6 15.8 47.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2023

Supervised By :Mahesh Dadoda 03/27/2023



#94

Hexachlorobutadiene

Concen: 73.569 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. 0.006 min

Lab File: VN077191.D

Acq: 24 Mar 2023 22:30

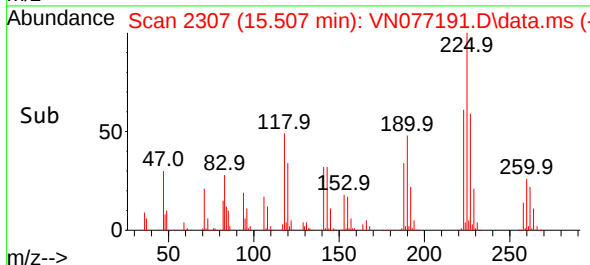
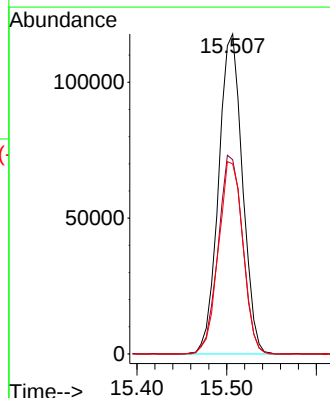
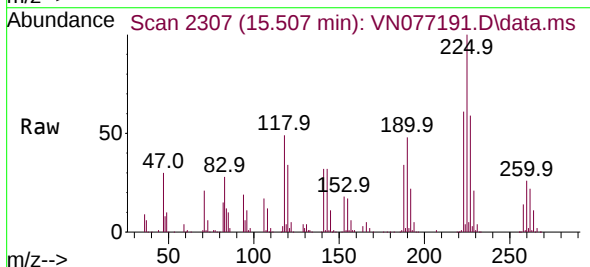
Tgt Ion:225 Resp: 217419

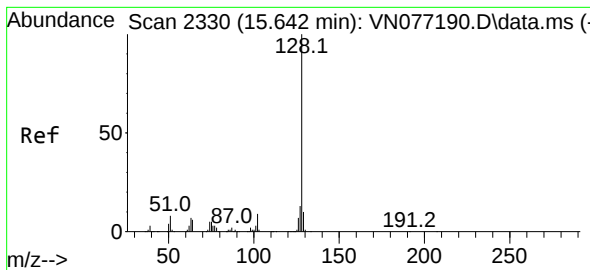
Ion Ratio Lower Upper

225 100

223 63.6 31.4 94.0

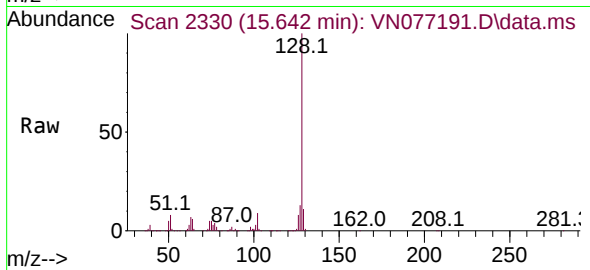
227 61.8 30.9 92.7





#95
Naphthalene
Concen: 72.233 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30

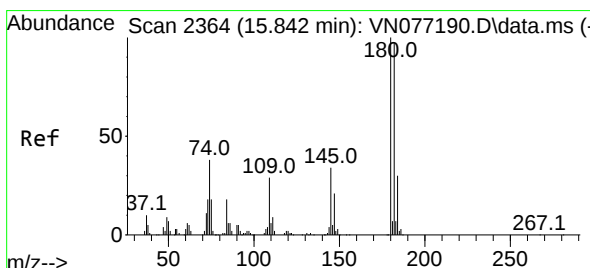
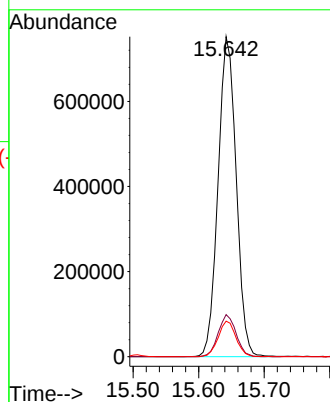
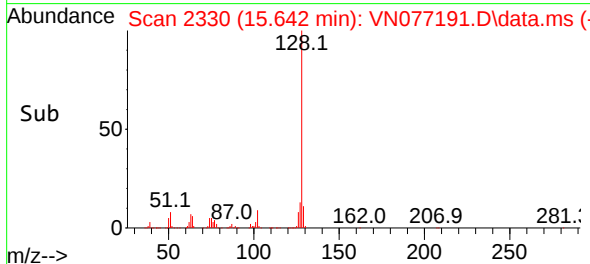
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



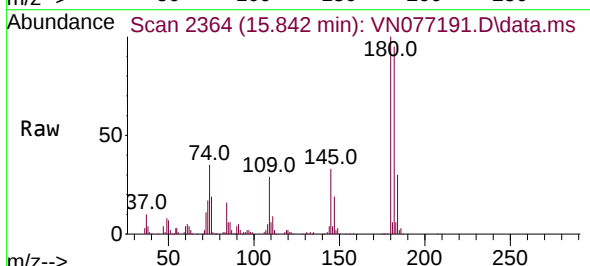
Tgt Ion:128 Resp: 143995
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#96
1,2,3-Trichlorobenzene
Concen: 73.272 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077191.D
Acq: 24 Mar 2023 22:30



Tgt Ion:180 Resp: 422747
Ion Ratio Lower Upper
180 100
182 93.1 47.7 143.1
145 33.4 17.0 51.0

