

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032523\
 Data File : VN077188.D
 Acq On : 24 Mar 2023 21:18
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Mar 27 02:26:35 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	8.230	168	406555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	701807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	628743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	260473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	61990	9.752	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	19.500%#		
35) Dibromofluoromethane	8.166	113	47280	9.928	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	19.860%#		
50) Toluene-d8	10.571	98	169352	9.491	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	18.980%#		
62) 4-Bromofluorobenzene	12.854	95	52035	8.885	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	17.780%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	38845	9.159	ug/l	95
3) Chloromethane	2.378	50	53864	9.053	ug/l	99
4) Vinyl Chloride	2.525	62	60789	9.046	ug/l	98
5) Bromomethane	2.966	94	55963	10.433	ug/l	92
6) Chloroethane	3.131	64	70767	12.146	ug/l	100
7) Trichlorofluoromethane	3.513	101	106301	10.316	ug/l	94
8) Diethyl Ether	3.972	74	26933	7.941	ug/l #	52
9) 1,1,2-Trichlorotrifluo...	4.384	101	42137	9.554	ug/l	98
10) Methyl Iodide	4.601	142	43221	8.686	ug/l	94
11) Tert butyl alcohol	5.525	59	39388	45.465	ug/l	100
12) 1,1-Dichloroethene	4.354	96	39972	9.529	ug/l	84
13) Acrolein	4.195	56	60641	49.905	ug/l	98
14) Allyl chloride	5.037	41	73110	9.277	ug/l #	77
15) Acrylonitrile	5.725	53	125930	46.626	ug/l	99
16) Acetone	4.437	43	111914	47.350	ug/l	91
17) Carbon Disulfide	4.731	76	104443	8.898	ug/l	97
18) Methyl Acetate	5.037	43	88947	9.407	ug/l #	80
19) Methyl tert-butyl Ether	5.813	73	133808	8.973	ug/l	92
20) Methylene Chloride	5.289	84	49131	9.335	ug/l #	84
21) trans-1,2-Dichloroethene	5.801	96	43304	9.407	ug/l #	78
22) Diisopropyl ether	6.683	45	154749	9.110	ug/l #	87
23) Vinyl Acetate	6.619	43	467014	42.605	ug/l #	88
24) 1,1-Dichloroethane	6.578	63	87788	9.244	ug/l	98
25) 2-Butanone	7.495	43	171658	46.449	ug/l #	80
26) 2,2-Dichloropropane	7.495	77	60569	9.248	ug/l	96
27) cis-1,2-Dichloroethene	7.495	96	47871	9.015	ug/l	80
28) Bromochloromethane	7.819	49	57355	11.843	ug/l #	69
29) Tetrahydrofuran	7.848	42	112626	46.004	ug/l #	73
30) Chloroform	7.972	83	88529	9.464	ug/l	93
31) Cyclohexane	8.260	56	86470	9.792	ug/l #	79
32) 1,1,1-Trichloroethane	8.172	97	75778	9.436	ug/l	97
36) 1,1-Dichloropropene	8.377	75	61042	9.210	ug/l	93
37) Ethyl Acetate	7.572	43	67513	9.139	ug/l #	90
38) Carbon Tetrachloride	8.366	117	61370	9.132	ug/l	99
39) Methylcyclohexane	9.607	83	67793	8.758	ug/l #	83
40) Benzene	8.613	78	194488	9.575	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	36968	9.156	ug/l #	79
42) 1,2-Dichloroethane	8.677	62	72782	9.503	ug/l	94
43) Isopropyl Acetate	8.695	43	111707	9.373	ug/l #	85
44) Trichloroethene	9.354	130	44051	9.465	ug/l	97
45) 1,2-Dichloropropane	9.624	63	51134	9.466	ug/l	97
46) Dibromomethane	9.713	93	32590	9.230	ug/l	93
47) Bromodichloromethane	9.895	83	66355	9.450	ug/l	97
48) Methyl methacrylate	9.683	41	52070	9.072	ug/l #	72
49) 1,4-Dioxane	9.701	88	18145	185.449	ug/l #	80
51) 4-Methyl-2-Pentanone	10.448	43	351669	46.895	ug/l #	82
52) Toluene	10.630	92	115299	9.308	ug/l	100
53) t-1,3-Dichloropropene	10.842	75	59844	8.398	ug/l	99
54) cis-1,3-Dichloropropene	10.319	75	69593	8.924	ug/l #	81
55) 1,1,2-Trichloroethane	11.018	97	45978	9.455	ug/l	94
56) Ethyl methacrylate	10.877	69	59265	8.256	ug/l #	66
57) 1,3-Dichloropropane	11.166	76	81229	9.370	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	130047	46.441	ug/l	89
59) 2-Hexanone	11.201	43	243054	45.099	ug/l	79
60) Dibromochloromethane	11.360	129	43544	8.716	ug/l	98
61) 1,2-Dibromoethane	11.471	107	43640	9.030	ug/l	97
64) Tetrachloroethene	11.107	164	37558	9.630	ug/l	94
65) Chlorobenzene	11.895	112	117864	9.304	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.960	131	41944	9.063	ug/l	98
67) Ethyl Benzene	11.965	91	204800	8.887	ug/l	99
68) m/p-Xylenes	12.077	106	158988	18.138	ug/l	98
69) o-Xylene	12.407	106	74169	8.738	ug/l	88
70) Styrene	12.413	104	121349	8.850	ug/l	96
71) Bromoform	12.583	173	29292	8.545	ug/l #	97
73) Isopropylbenzene	12.701	105	191013	9.320	ug/l	97
74) N-amyl acetate	12.495	43	80013	8.960	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.942	83	67828	9.909	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	51644m	9.178	ug/l	
77) Bromobenzene	12.977	156	43630	9.248	ug/l	88
78) n-propylbenzene	13.036	91	212399	8.987	ug/l	96
79) 2-Chlorotoluene	13.124	91	136319	9.379	ug/l	93
80) 1,3,5-Trimethylbenzene	13.177	105	155848	9.132	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.742	75	16045	8.752	ug/l #	73
82) 4-Chlorotoluene	13.224	91	128291	9.300	ug/l	94
83) tert-Butylbenzene	13.442	119	128552	8.906	ug/l	92
84) 1,2,4-Trimethylbenzene	13.489	105	150738	8.988	ug/l	96
85) sec-Butylbenzene	13.618	105	183243	8.901	ug/l	97
86) p-Isopropyltoluene	13.730	119	144760	8.779	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	79436	9.328	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	78635	9.233	ug/l	97
89) n-Butylbenzene	14.059	91	108127	7.999	ug/l	97
90) Hexachloroethane	14.336	117	27868	9.070	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	78347	9.224	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	11489	9.485	ug/l	79
93) 1,2,4-Trichlorobenzene	15.395	180	25385	9.976	ug/l	96
94) Hexachlorobutadiene	15.501	225	19846	9.211	ug/l	98
95) Naphthalene	15.648	128	65581	10.058	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	25296	10.280	ug/l	94

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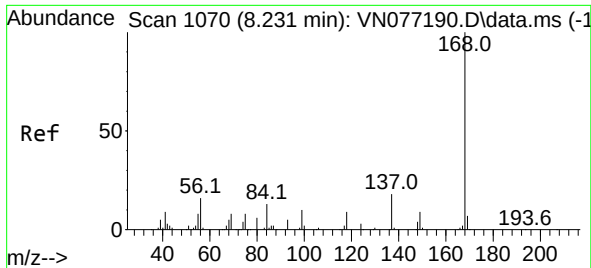
Manual Integrations
APPROVED

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

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Quant Title : SW846 8260
QLast Update : Mon Mar 27 02:24:53 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



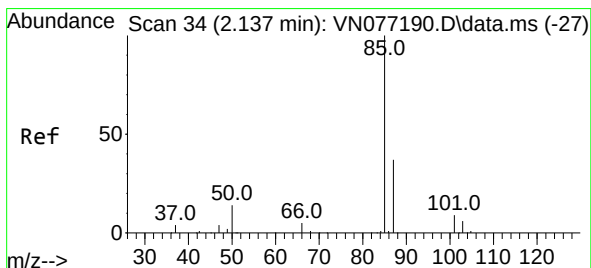
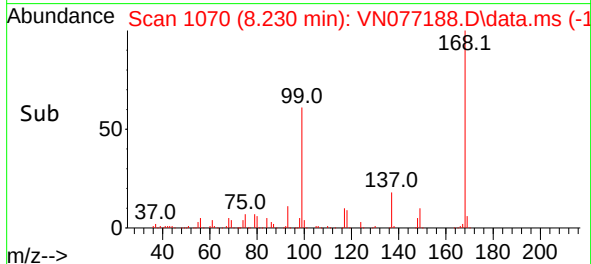
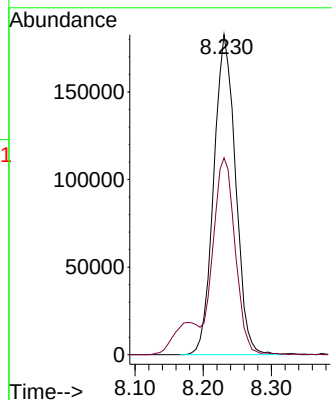
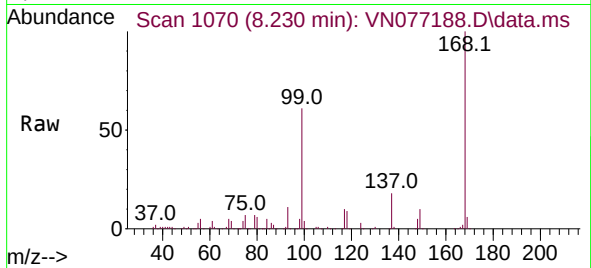
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

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MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:168 Resp: 40655
Ion Ratio Lower Upper
168 100
99 61.3 48.6 73.0

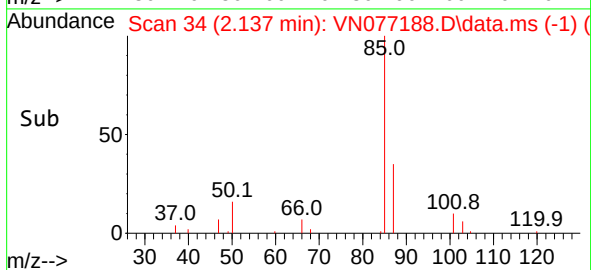
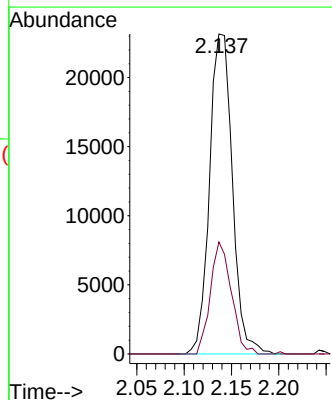
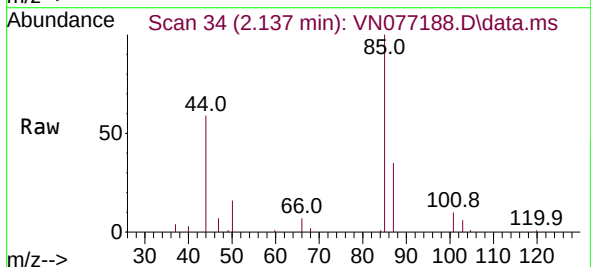
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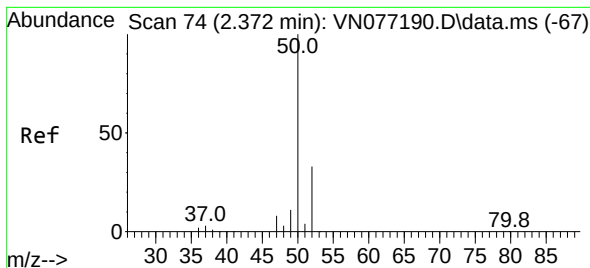
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#2
Dichlorodifluoromethane
Concen: 9.159 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 85 Resp: 38845
Ion Ratio Lower Upper
85 100
87 35.0 16.2 48.6





#3

Chloromethane

Concen: 9.053 ug/l

RT: 2.378 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 50 Resp: 5386

Ion Ratio Lower Upper

50 100

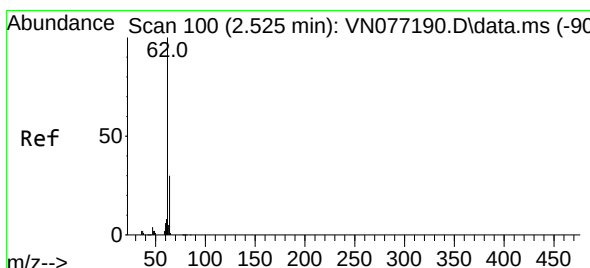
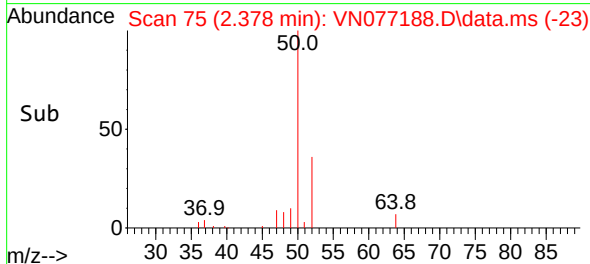
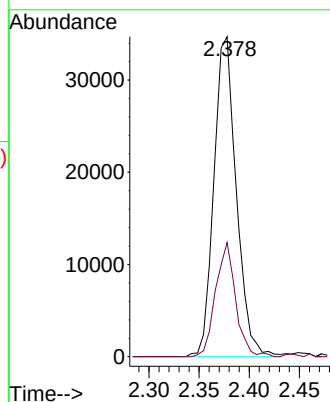
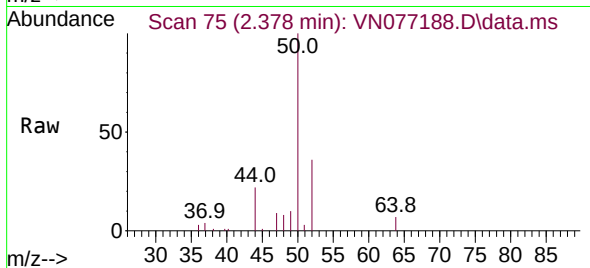
52 35.6 27.9 41.9

Manual Integrations

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Supervised By :Mahesh Dadoda 03/27/2023



#4

Vinyl Chloride

Concen: 9.046 ug/l

RT: 2.525 min Scan# 100

Delta R.T. -0.000 min

Lab File: VN077188.D

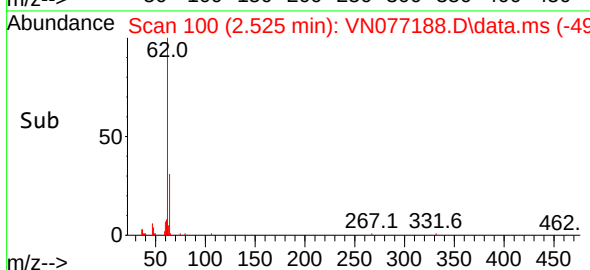
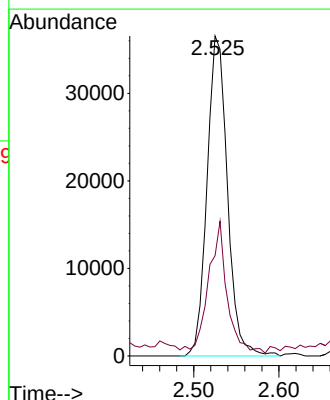
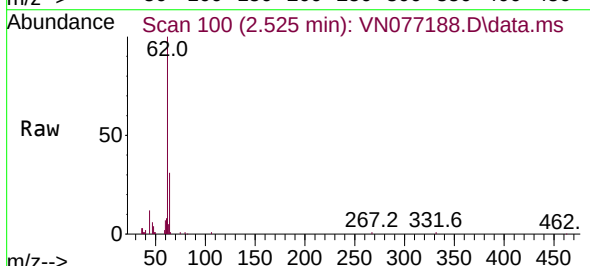
Acq: 24 Mar 2023 21:18

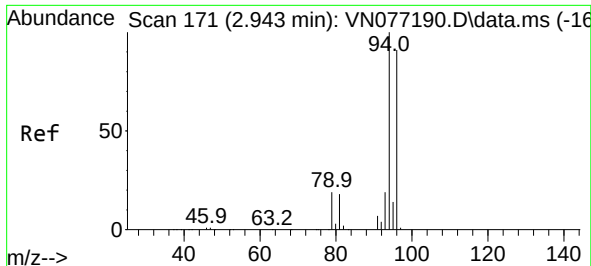
Tgt Ion: 62 Resp: 60789

Ion Ratio Lower Upper

62 100

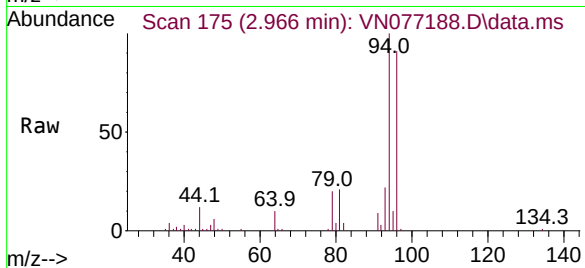
64 29.7 24.5 36.7





#5
Bromomethane
Concen: 10.433 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN077188.D
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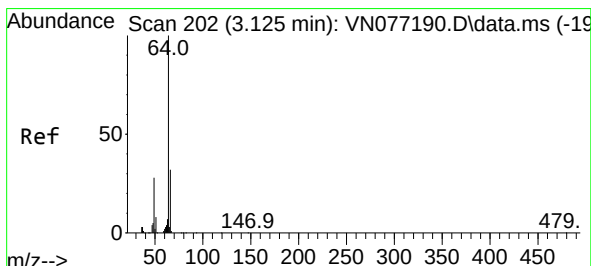
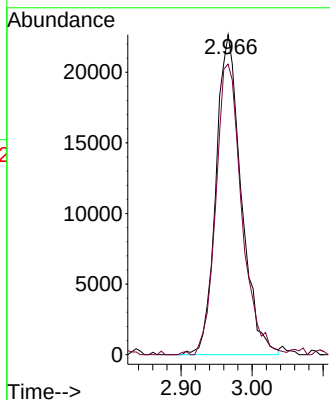
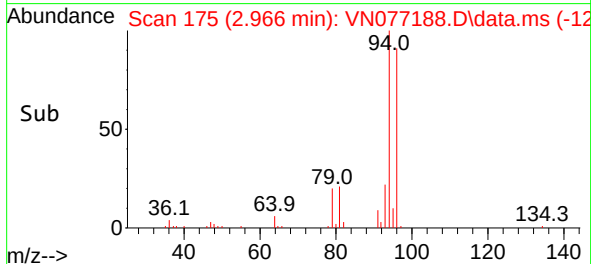
Instrument :
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Tgt Ion: 94 Resp: 5596
Ion Ratio Lower Upper
94 100
96 90.8 79.0 118.6

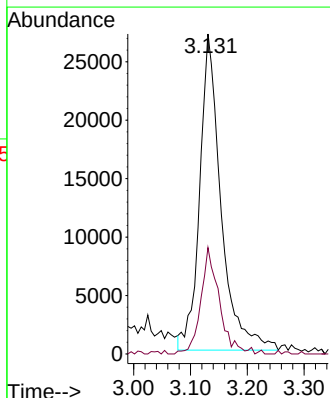
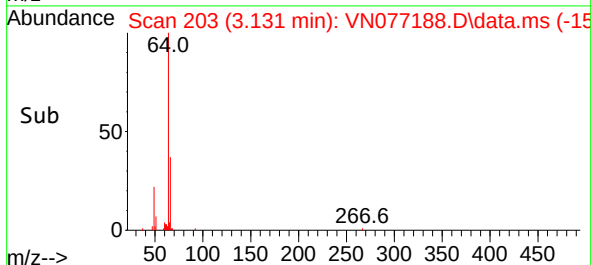
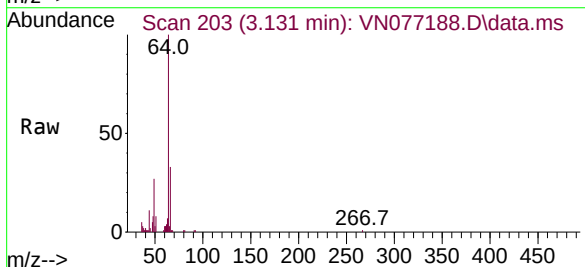
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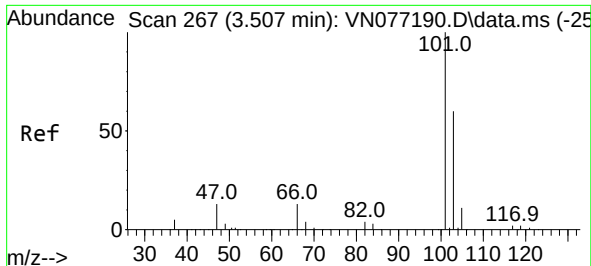
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#6
Chloroethane
Concen: 12.146 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

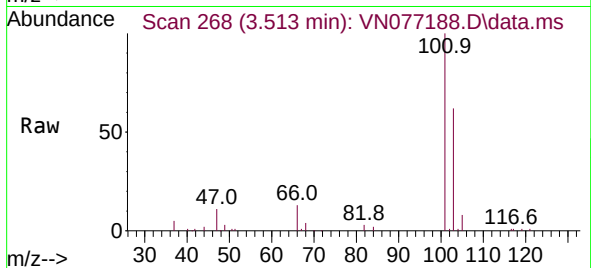
Tgt Ion: 64 Resp: 70767
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4





#7
Trichlorofluoromethane
Concen: 10.316 ug/l
RT: 3.513 min Scan# 268
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

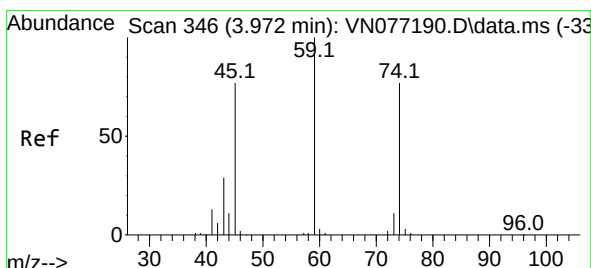
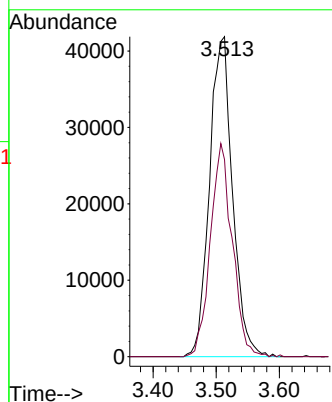
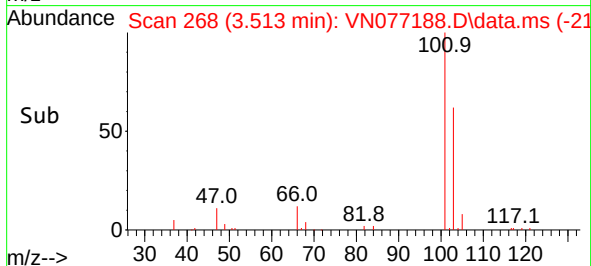
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:101 Resp: 10630
Ion Ratio Lower Upper
101 100
103 61.6 53.4 80.0

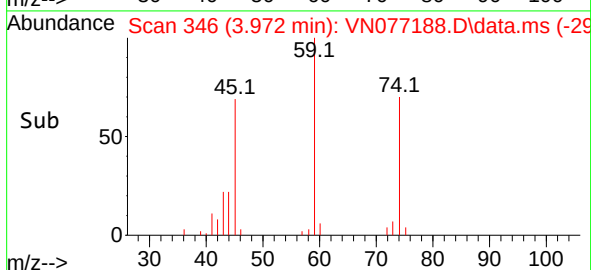
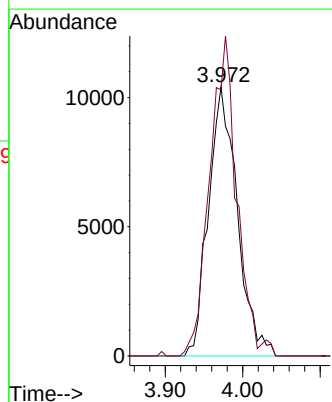
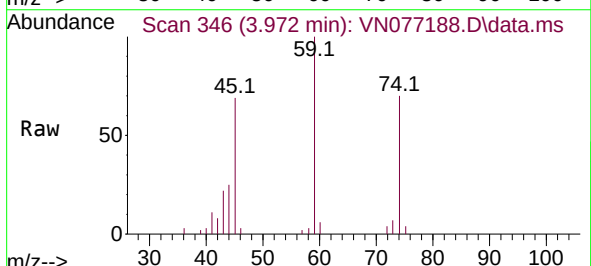
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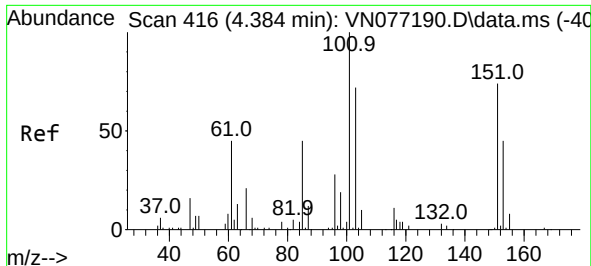
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#8
Diethyl Ether
Concen: 7.941 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 26933
Ion Ratio Lower Upper
74 100
45 110.6 35.5 106.5#





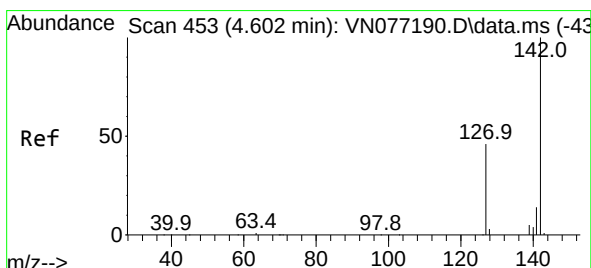
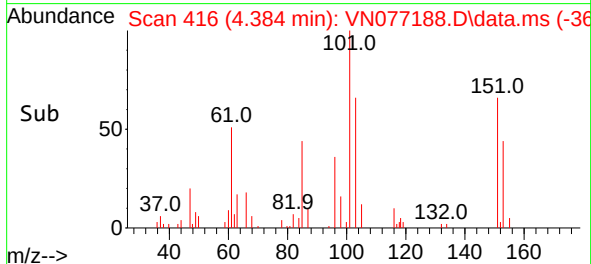
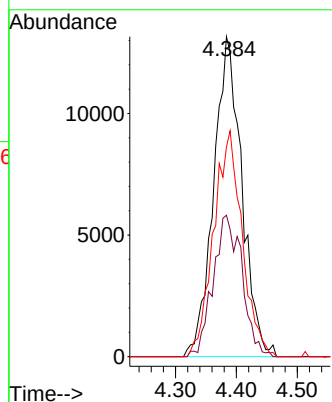
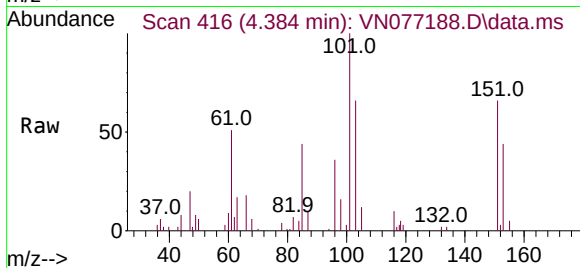
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.554 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 4213
Ion Ratio Lower Upper
101 100
85 45.4 35.2 52.8
151 71.6 58.9 88.3

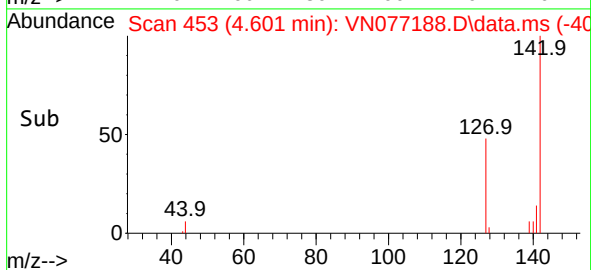
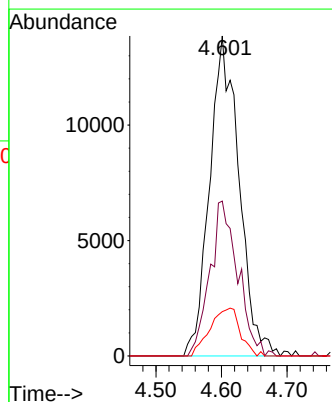
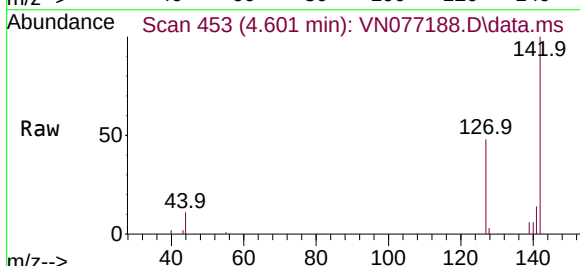
Manual Integrations
APPROVED

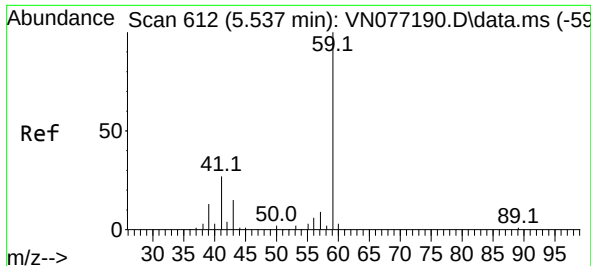
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#10
Methyl Iodide
Concen: 8.686 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.001 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

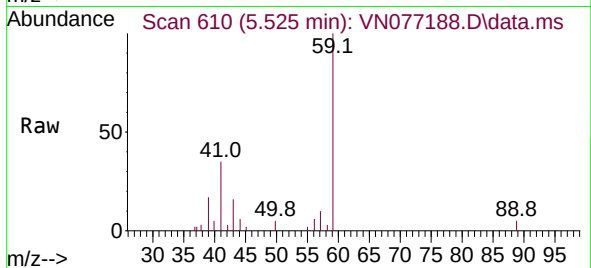
Tgt Ion:142 Resp: 43221
Ion Ratio Lower Upper
142 100
127 48.4 35.2 52.8
141 13.9 10.2 15.2





#11
Tert butyl alcohol
Concen: 45.465 ug/l
RT: 5.525 min Scan# 612
Delta R.T. -0.012 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

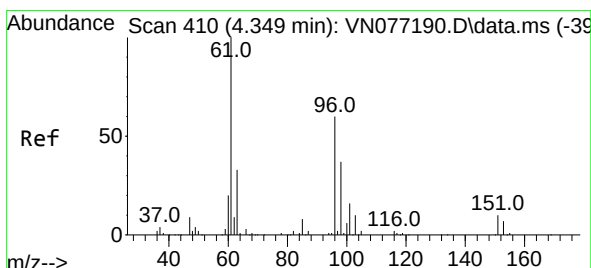
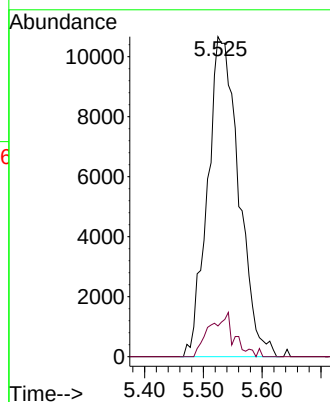
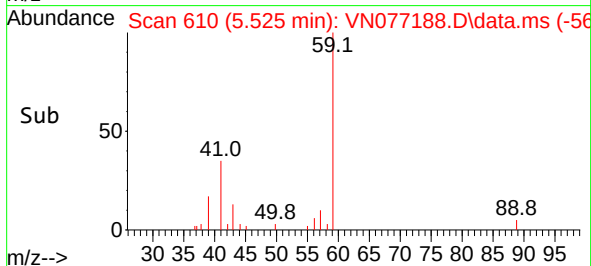
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 59 Resp: 3938
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8

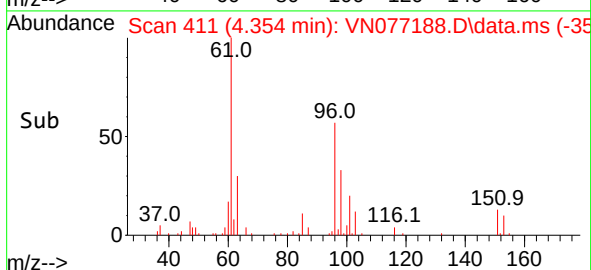
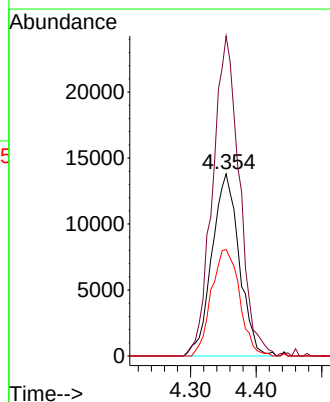
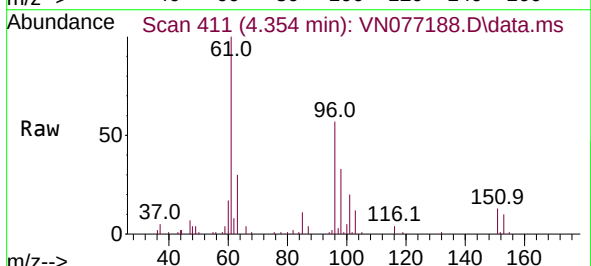
Manual Integrations
APPROVED

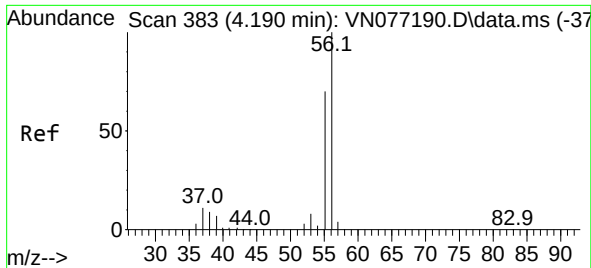
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#12
1,1-Dichloroethene
Concen: 9.529 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.005 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 96 Resp: 39972
Ion Ratio Lower Upper
96 100
61 175.7 121.3 181.9
98 58.4 52.1 78.1





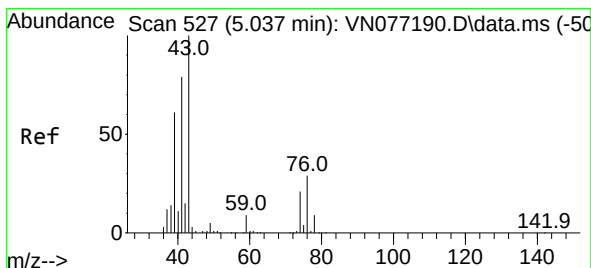
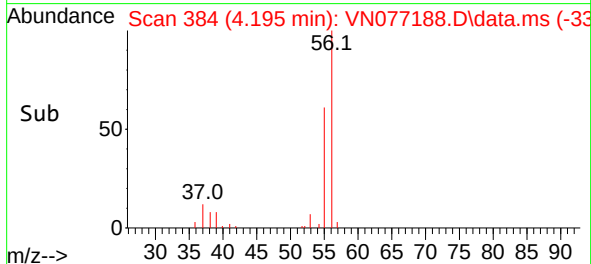
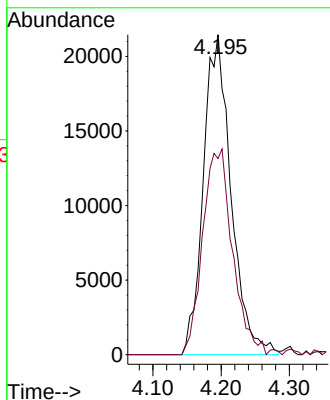
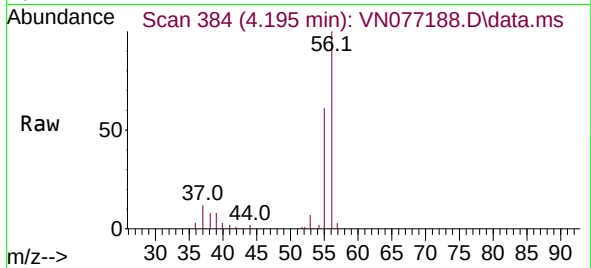
#13
Acrolein
Concen: 49.905 ug/l
RT: 4.195 min Scan# 383
Delta R.T. 0.005 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 56 Resp: 6064
Ion Ratio Lower Upper
56 100
55 69.2 56.7 85.1

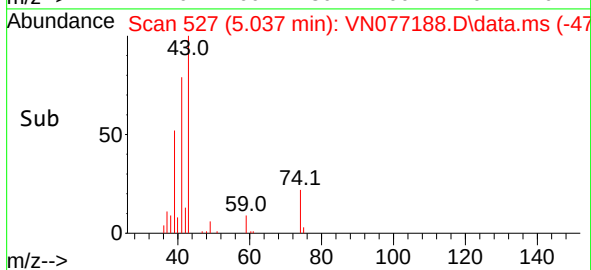
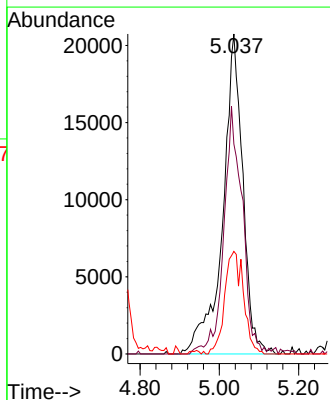
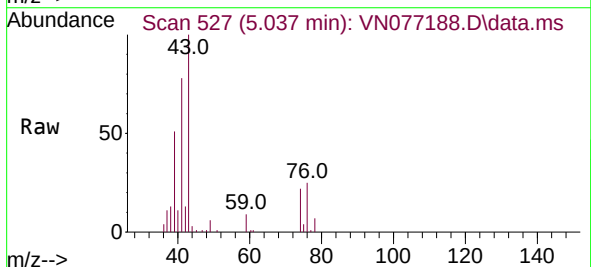
Manual Integrations
APPROVED

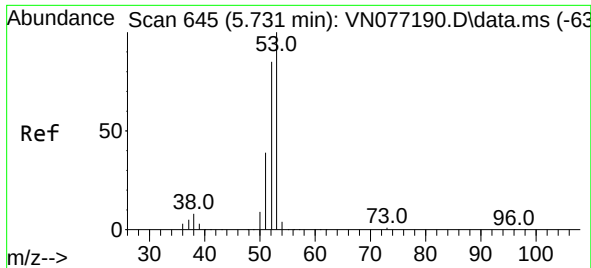
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#14
Allyl chloride
Concen: 9.277 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

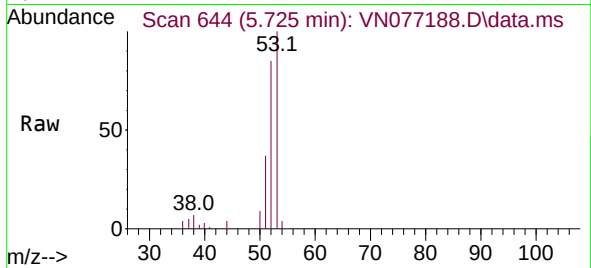
Tgt Ion: 41 Resp: 73110
Ion Ratio Lower Upper
41 100
39 70.8 68.1 102.1
76 30.0 44.1 66.1#





#15
Acrylonitrile
Concen: 46.626 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

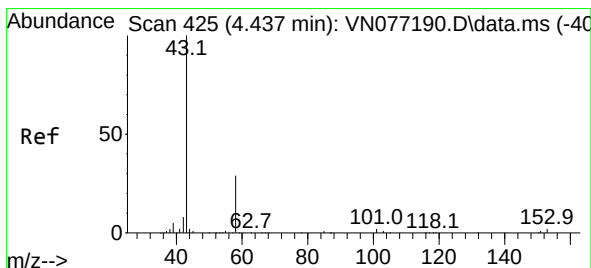
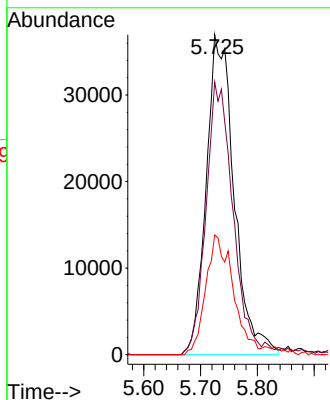
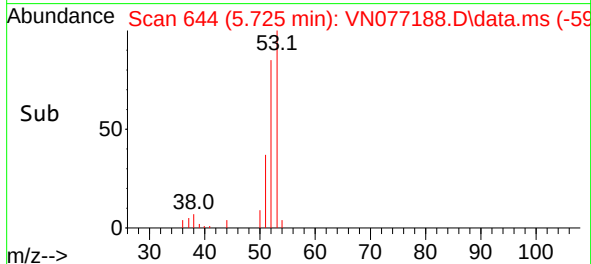
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 53 Resp: 125930
Ion Ratio Lower Upper
53 100
52 81.4 65.3 97.9
51 36.9 28.8 43.2

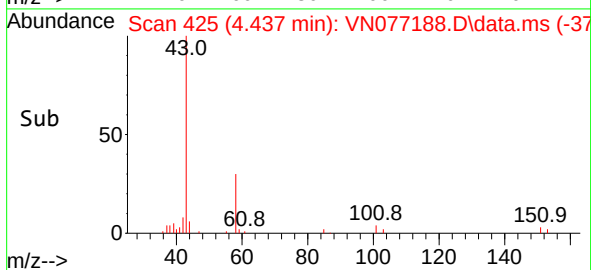
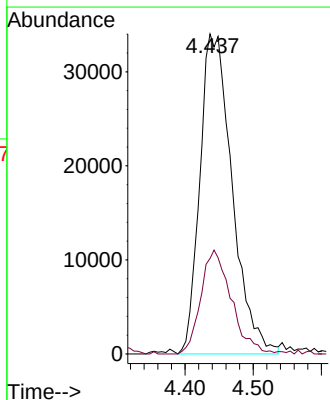
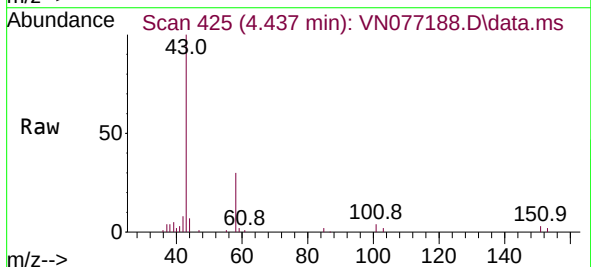
Manual Integrations
APPROVED

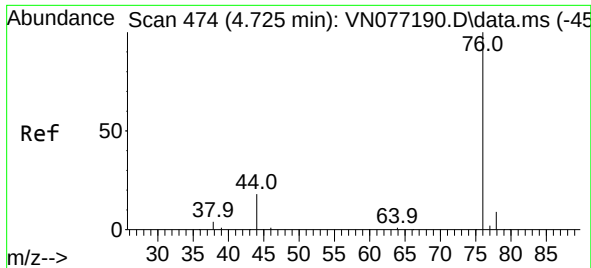
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#16
Acetone
Concen: 47.350 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 43 Resp: 111914
Ion Ratio Lower Upper
43 100
58 29.9 28.2 42.2





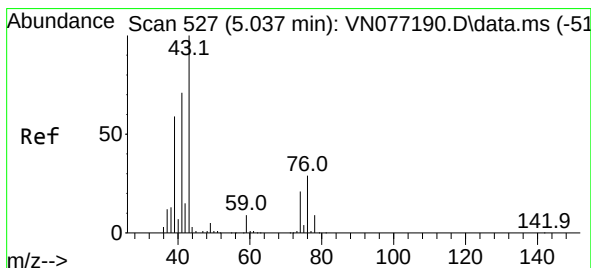
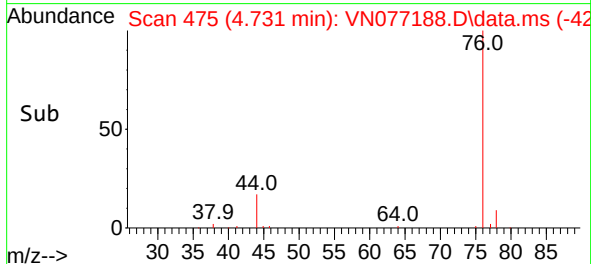
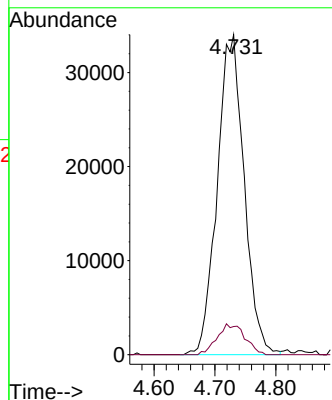
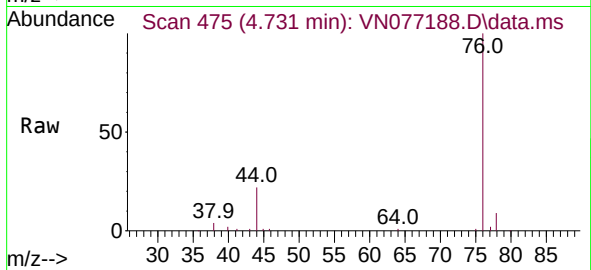
#17
Carbon Disulfide
Concen: 8.898 ug/l
RT: 4.731 min Scan# 474
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 76 Resp: 10444
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.8

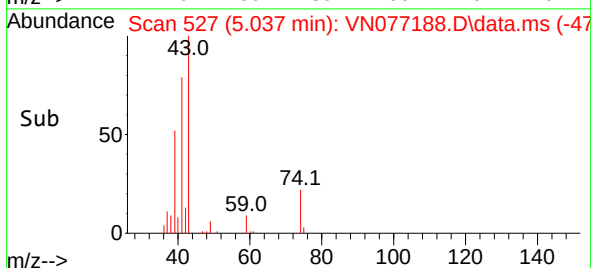
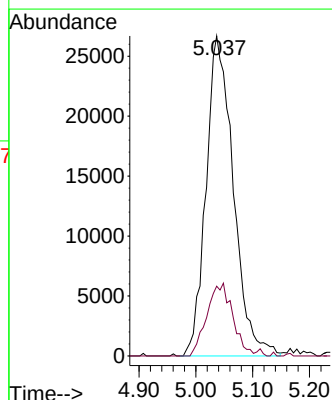
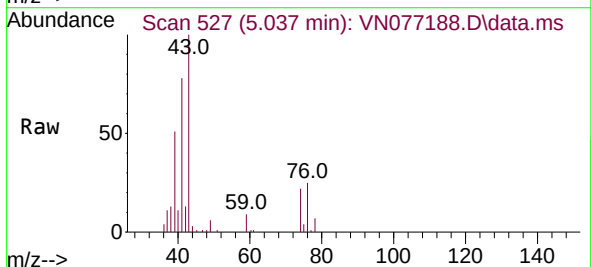
Manual Integrations
APPROVED

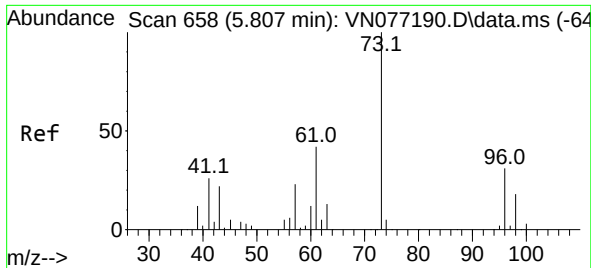
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#18
Methyl Acetate
Concen: 9.407 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 43 Resp: 88947
Ion Ratio Lower Upper
43 100
74 21.4 25.9 38.9#





#19
Methyl tert-butyl Ether
Concen: 8.973 ug/l
RT: 5.813 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

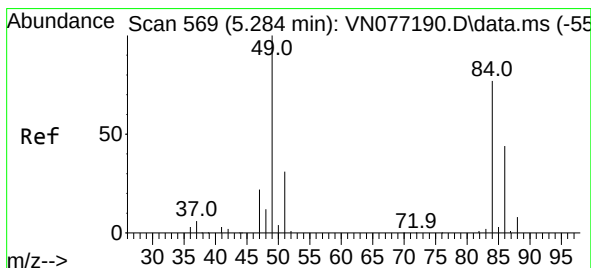
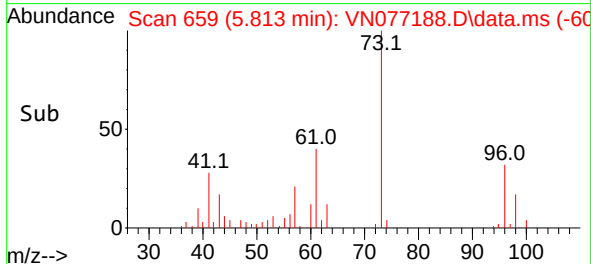
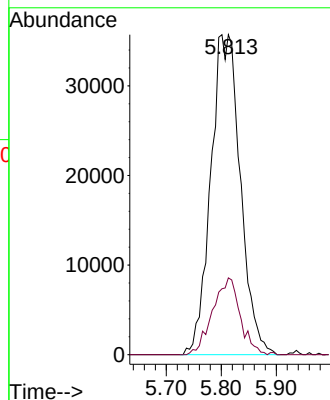
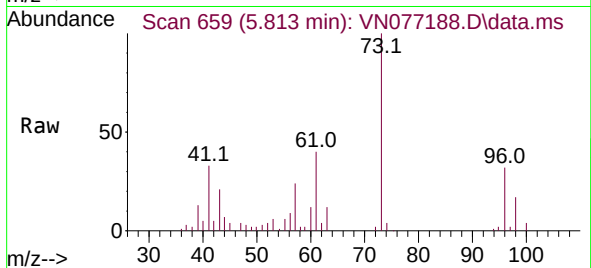
VSTDIC010

Tgt Ion: 73 Resp: 133808
Ion Ratio Lower Upper
73 100
57 24.0 16.1 24.1

Manual Integrations

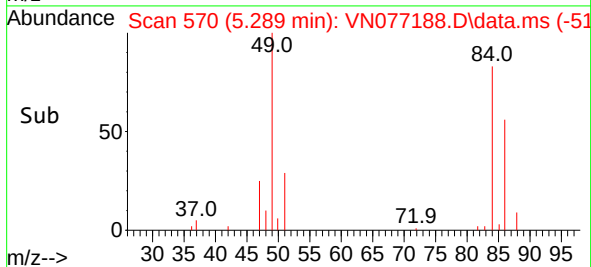
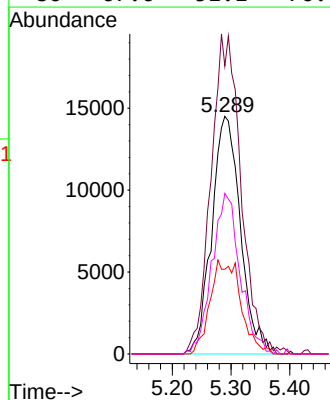
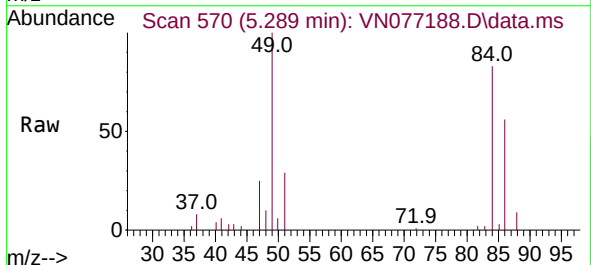
APPROVED

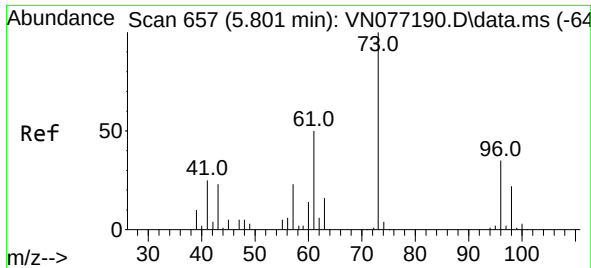
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#20
Methylene Chloride
Concen: 9.335 ug/l
RT: 5.289 min Scan# 570
Delta R.T. 0.005 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

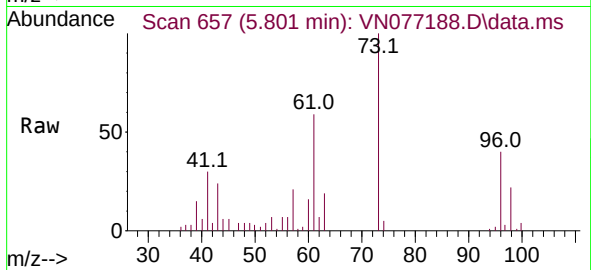
Tgt Ion: 84 Resp: 49131
Ion Ratio Lower Upper
84 100
49 121.2 76.6 114.8#
51 35.6 25.4 38.2
86 67.6 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 9.407 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

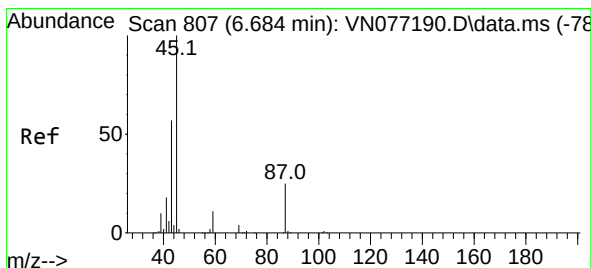
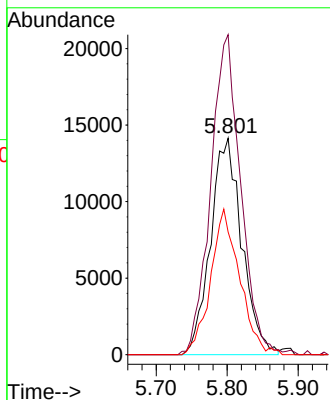
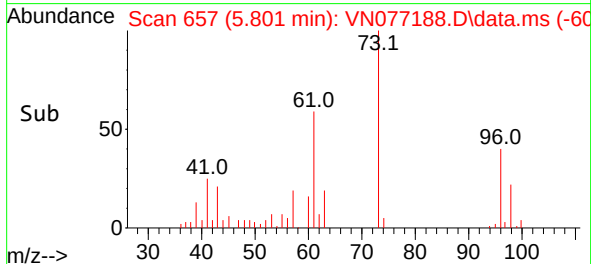
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



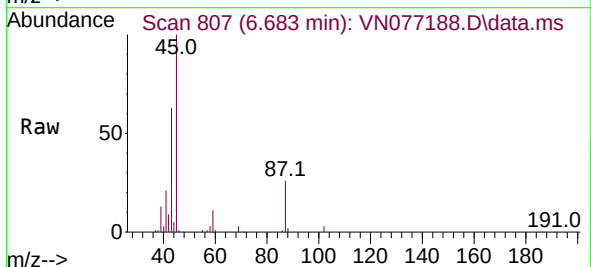
Tgt Ion: 96 Resp: 43304
Ion Ratio Lower Upper
96 100
61 147.8 95.0 142.6
98 56.7 54.5 81.7

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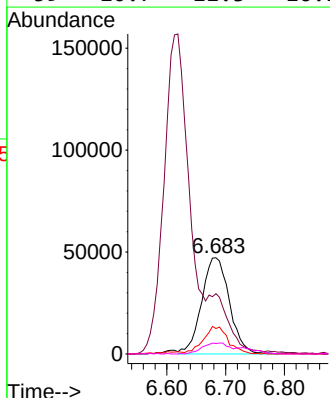
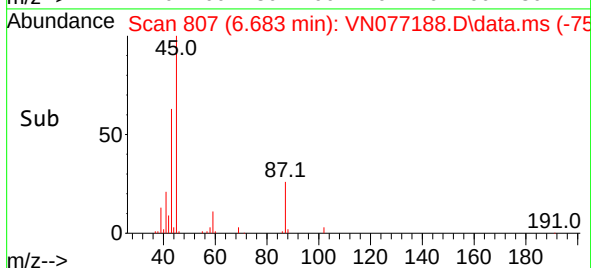
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023

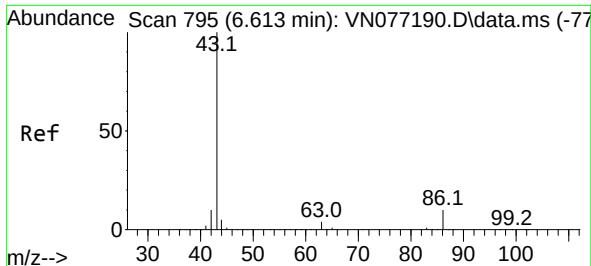


#22
Diisopropyl ether
Concen: 9.110 ug/l
RT: 6.683 min Scan# 807
Delta R.T. -0.001 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18



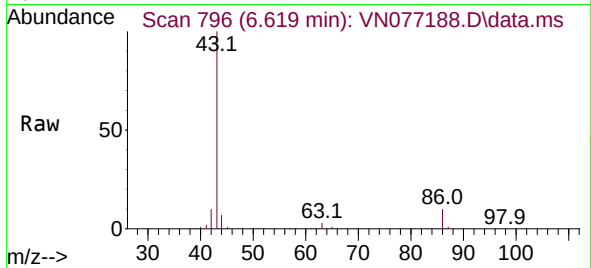
Tgt Ion: 45 Resp: 154749
Ion Ratio Lower Upper
45 100
43 60.9 42.6 63.8
87 26.4 29.7 44.5#
59 10.7 11.3 16.9#





#23
 Vinyl Acetate
 Concen: 42.605 ug/l
 RT: 6.619 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: VN077188.D
 Acq: 24 Mar 2023 21:18

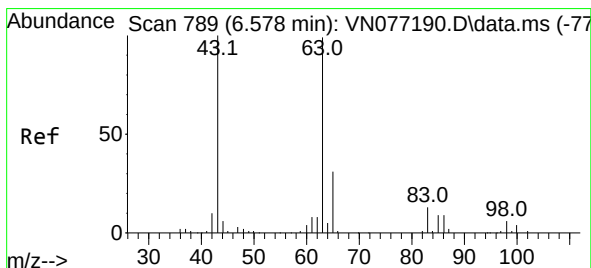
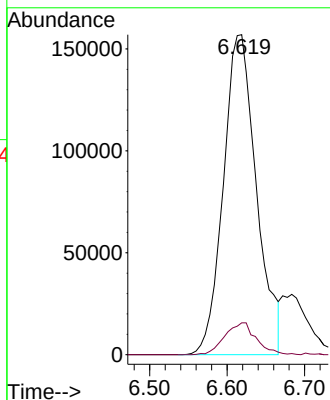
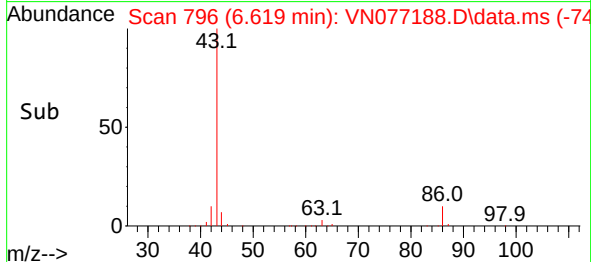
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC010



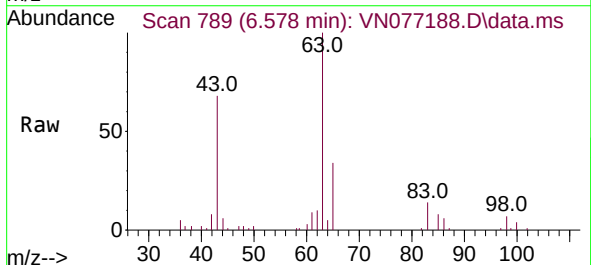
Tgt Ion: 43 Resp: 467014
 Ion Ratio Lower Upper
 43 100
 86 9.9 11.8 17.6

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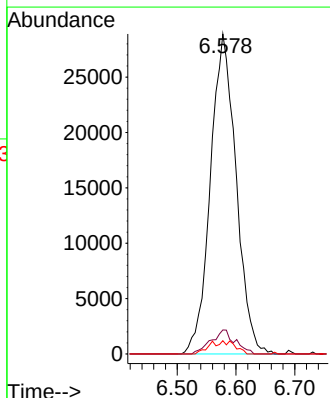
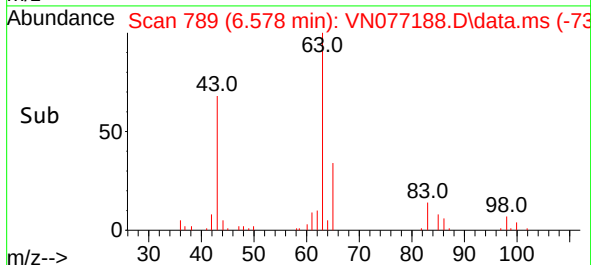
Reviewed By :Semsettin Yesilyurt 03/27/2023
 Supervised By :Mahesh Dadoda 03/27/2023

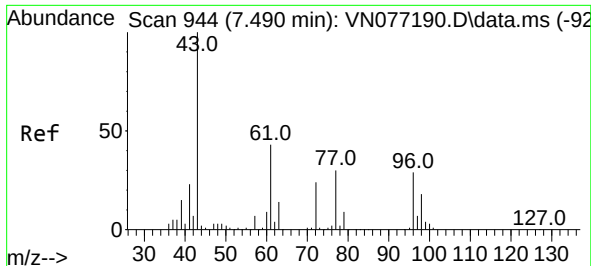


#24
 1,1-Dichloroethane
 Concen: 9.244 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077188.D
 Acq: 24 Mar 2023 21:18



Tgt Ion: 63 Resp: 87788
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.2 12.6
 100 4.1 2.2 6.6





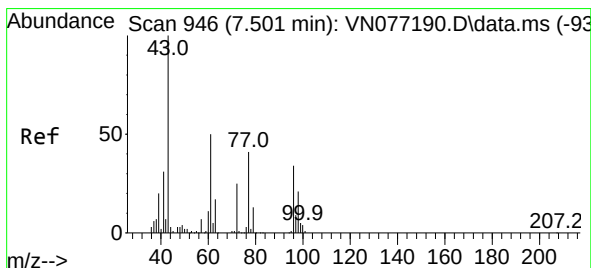
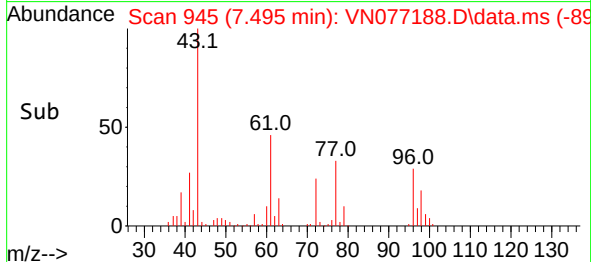
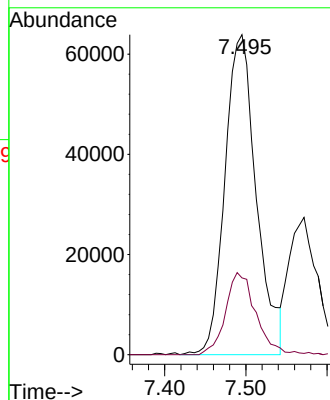
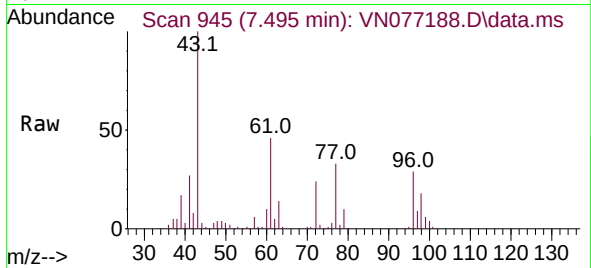
#25
2-Butanone
Concen: 46.449 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 171658
Ion Ratio Lower Upper
43 100
72 24.0 28.8 43.2

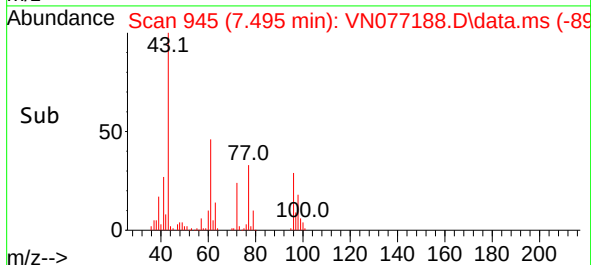
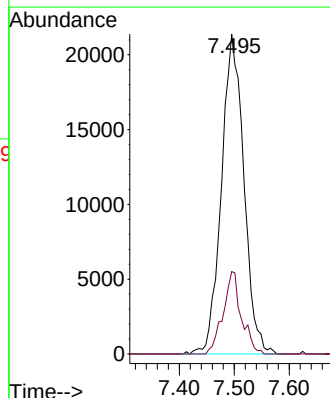
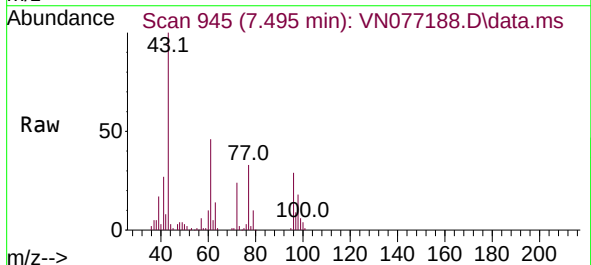
Manual Integrations
APPROVED

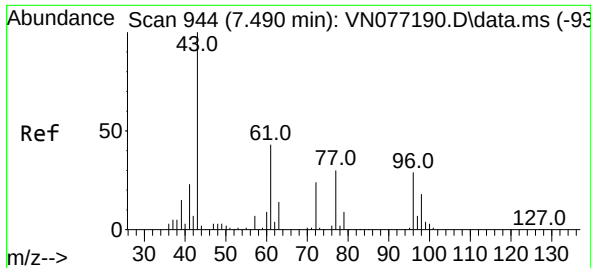
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#26
2,2-Dichloropropane
Concen: 9.248 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

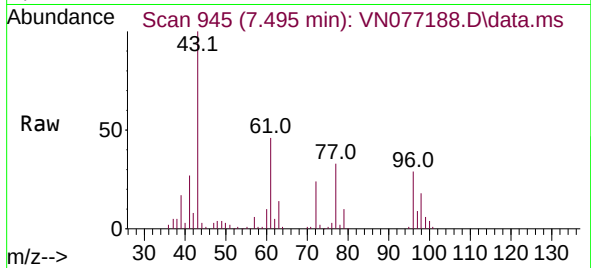
Tgt Ion: 77 Resp: 60569
Ion Ratio Lower Upper
77 100
97 20.9 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 9.015 ug/l
 RT: 7.495 min Scan# 944
 Delta R.T. 0.005 min
 Lab File: VN077188.D
 Acq: 24 Mar 2023 21:18

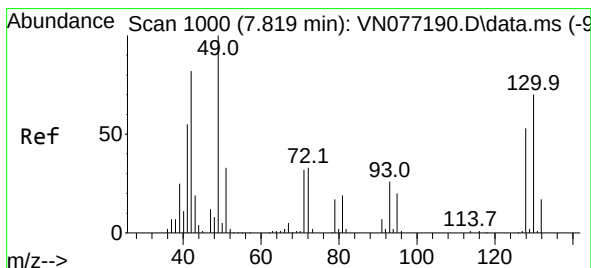
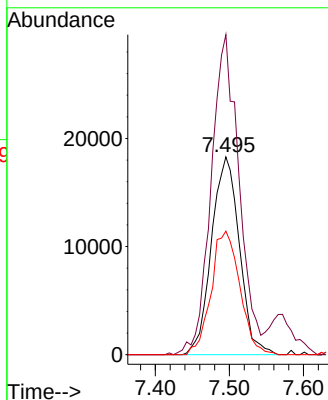
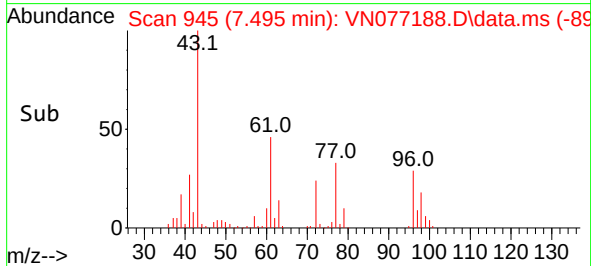
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 96 Resp: 4787
 Ion Ratio Lower Upper
 96 100
 61 161.4 0.0 255.6
 98 64.3 0.0 127.4

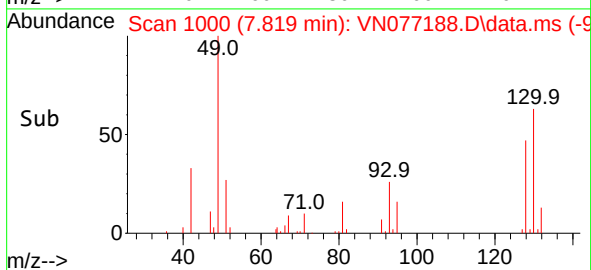
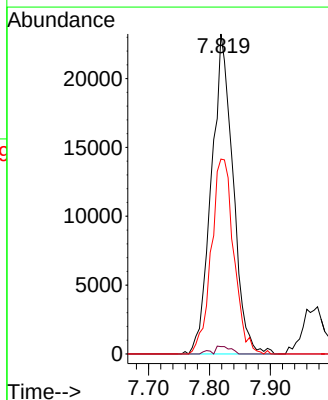
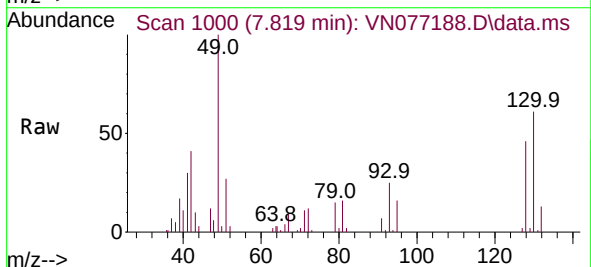
Manual Integrations
 APPROVED

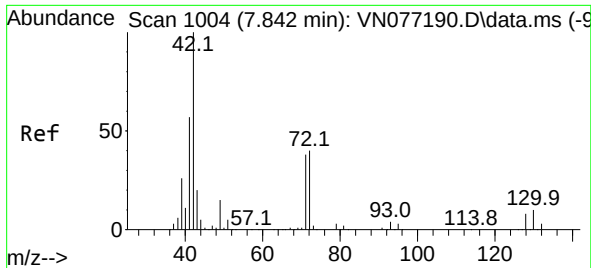
Reviewed By :Semsettin Yesilyurt 03/27/2023
 Supervised By :Mahesh Dadoda 03/27/2023



#28
 Bromochloromethane
 Concen: 11.843 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077188.D
 Acq: 24 Mar 2023 21:18

Tgt Ion: 49 Resp: 57355
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 63.2 74.8 112.2#





#29

Tetrahydrofuran

Concen: 46.004 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 42 Resp: 112620

Ion Ratio Lower Upper

42 100

72 39.7 48.6 73.0

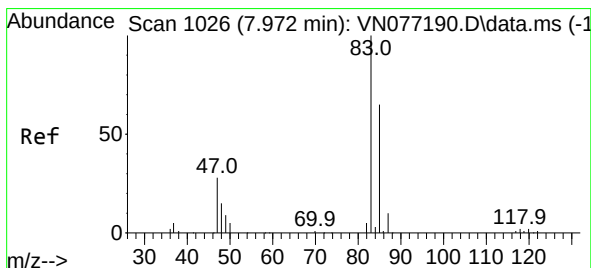
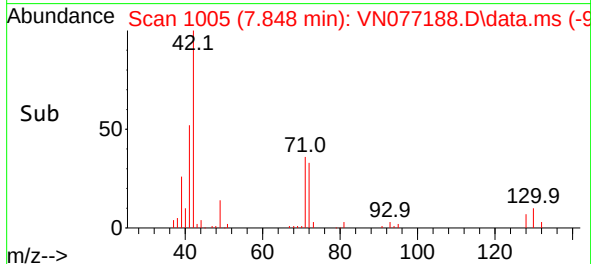
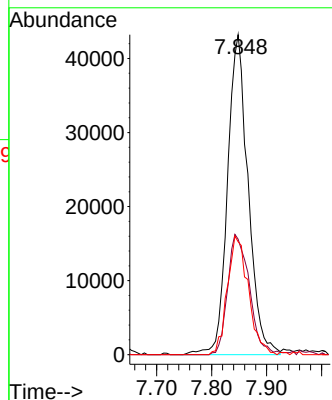
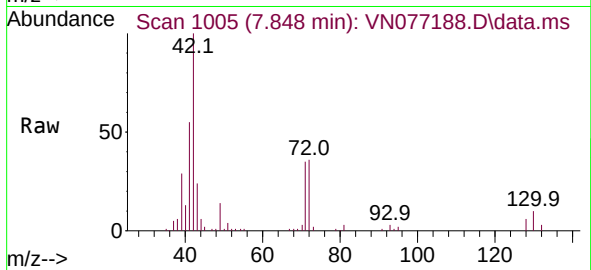
71 37.7 45.1 67.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2023

Supervised By :Mahesh Dadoda 03/27/2023



#30

Chloroform

Concen: 9.464 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077188.D

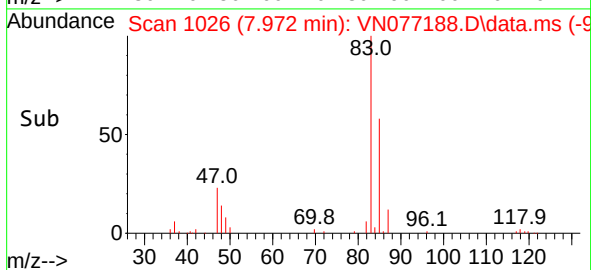
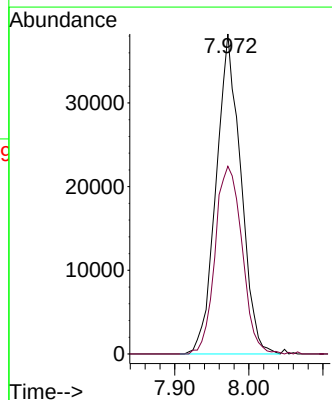
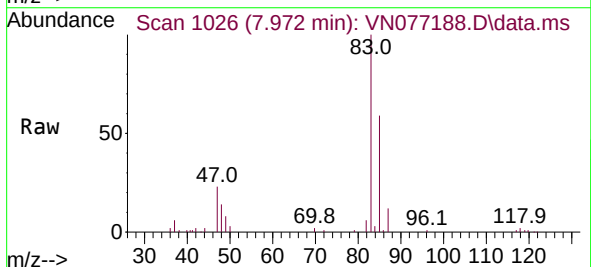
Acq: 24 Mar 2023 21:18

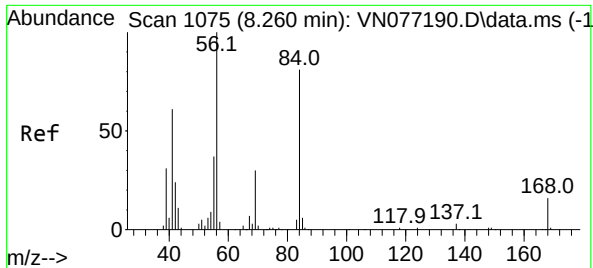
Tgt Ion: 83 Resp: 88529

Ion Ratio Lower Upper

83 100

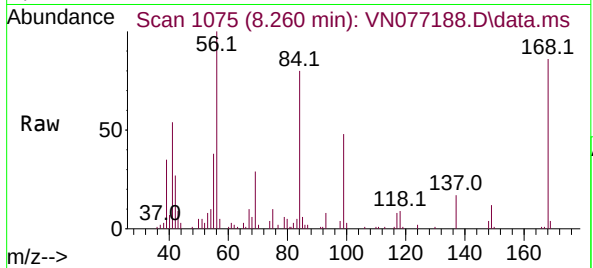
85 58.6 51.3 76.9





#31
Cyclohexane
Concen: 9.792 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

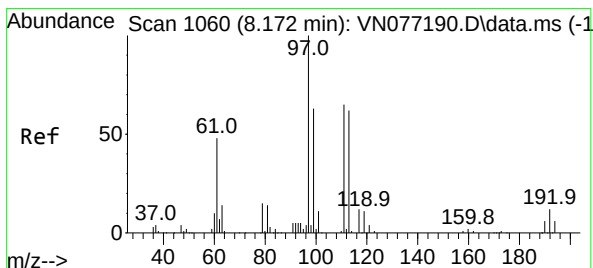
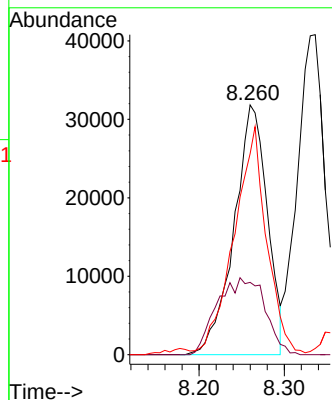
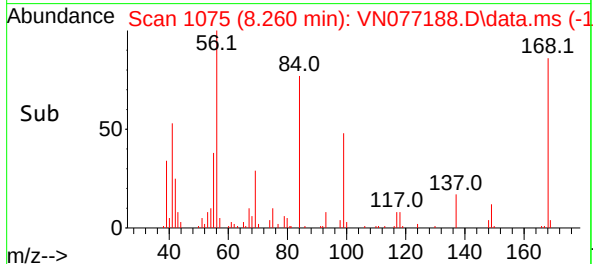
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



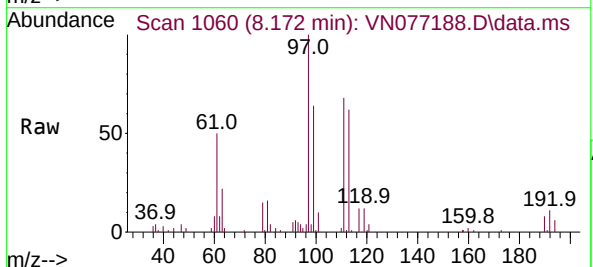
Tgt Ion: 56 Resp: 86470
Ion Ratio Lower Upper
56 100
69 29.0 27.0 40.6
84 77.9 82.9 124.3

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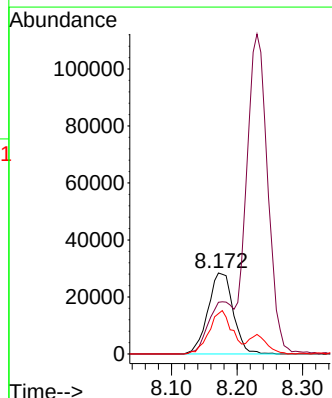
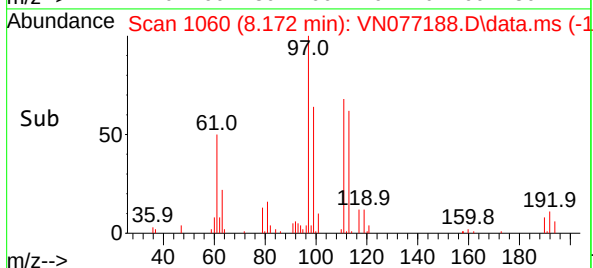
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023

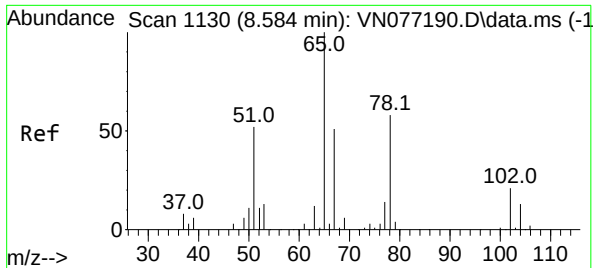


#32
1,1,1-Trichloroethane
Concen: 9.436 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18



Tgt Ion: 97 Resp: 75778
Ion Ratio Lower Upper
97 100
99 63.6 51.2 76.8
61 48.4 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 9.752 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 61990

Ion Ratio Lower Upper

65 100

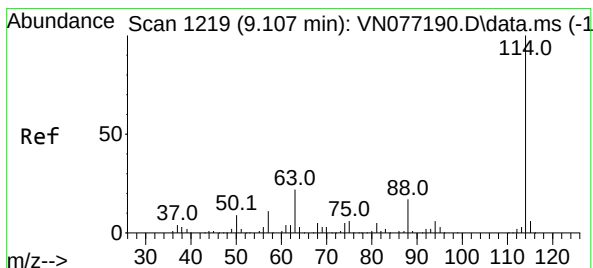
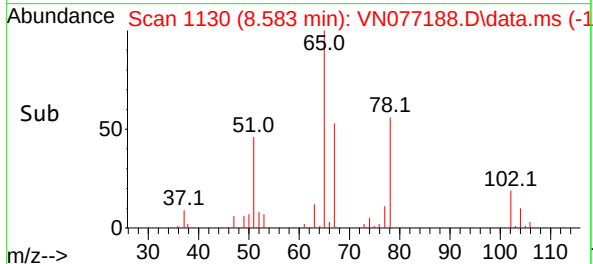
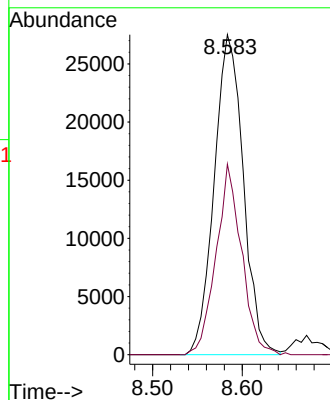
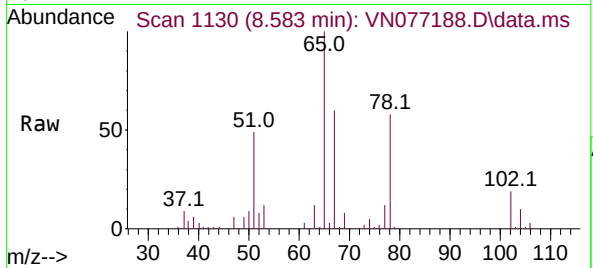
67 52.3 0.0 107.2

Manual Integrations

APPROVED

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: VN077188.D

Acq: 24 Mar 2023 21:18

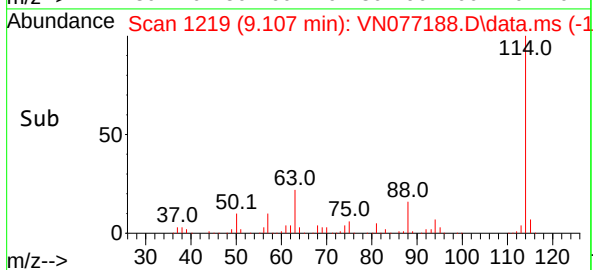
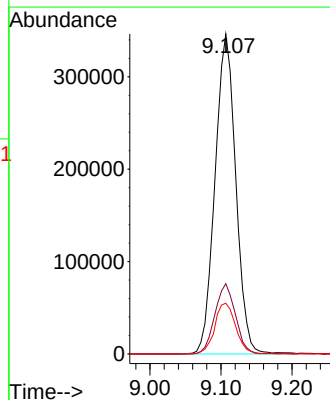
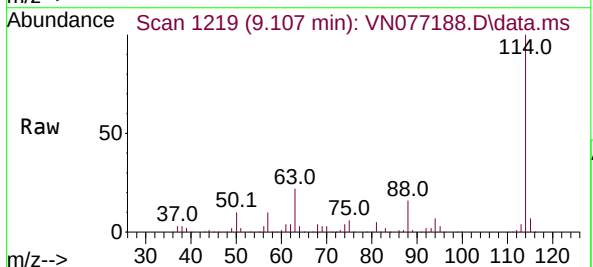
Tgt Ion:114 Resp: 701807

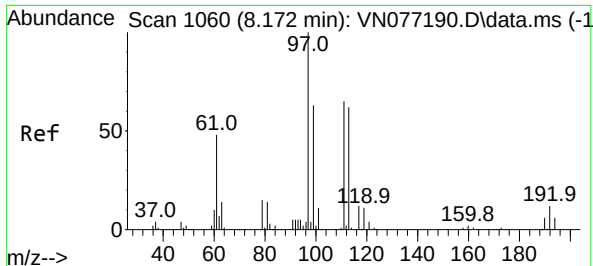
Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.6

88 15.9 0.0 28.6





#35

Dibromofluoromethane

Concen: 9.928 ug/l

RT: 8.166 min Scan# 1059

Delta R.T. -0.006 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

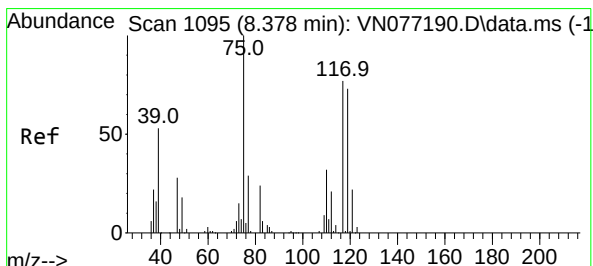
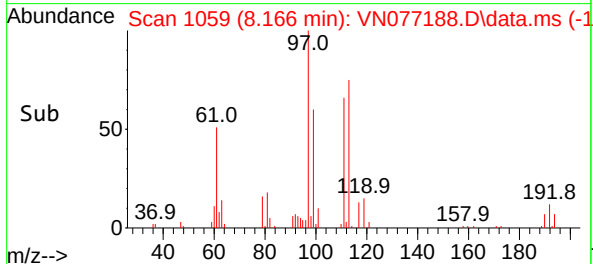
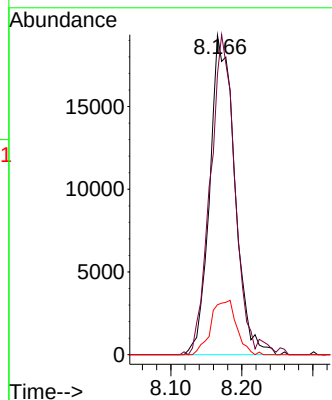
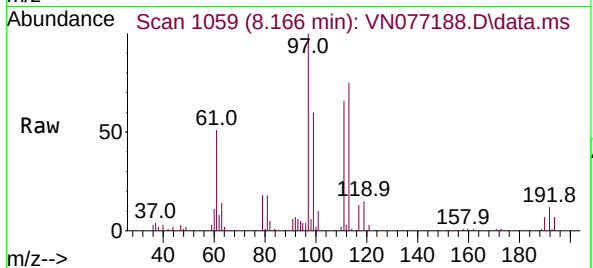
Tgt Ion: 113 Resp: 47280

Ion	Ratio	Lower	Upper
113	100		
111	99.0	81.8	122.8
192	17.2	13.9	20.9

Manual Integrations

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



#36

1,1-Dichloropropene

Concen: 9.210 ug/l

RT: 8.377 min Scan# 1095

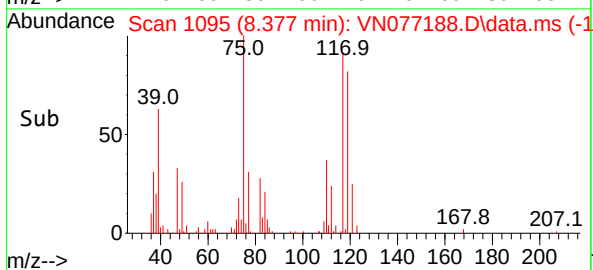
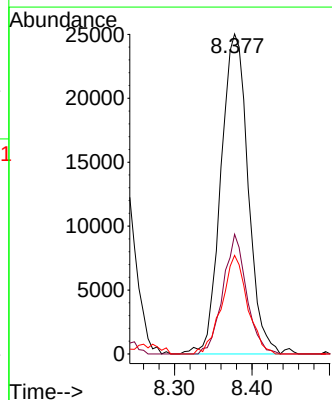
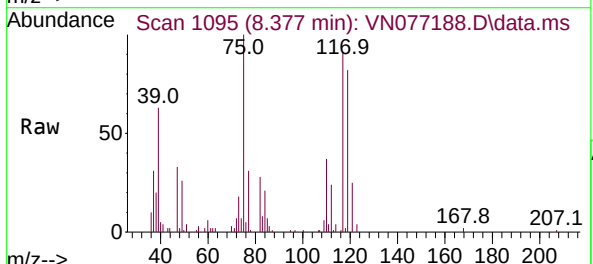
Delta R.T. -0.001 min

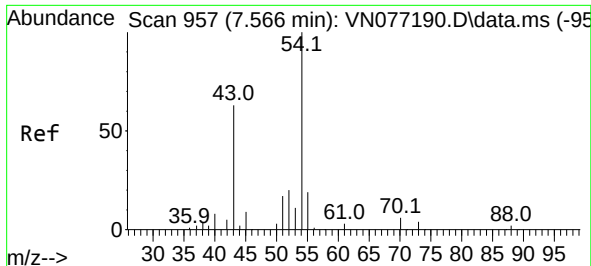
Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Tgt Ion: 75 Resp: 61042

Ion	Ratio	Lower	Upper
75	100		
110	32.6	18.9	56.9
77	29.0	24.9	37.3





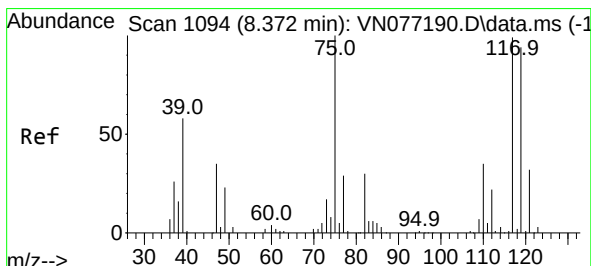
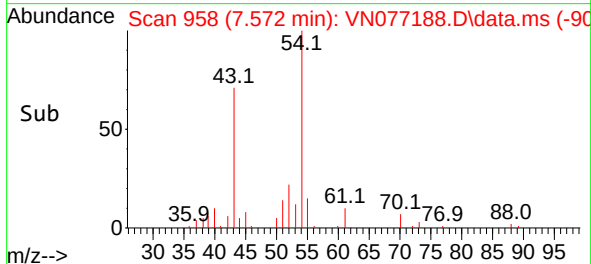
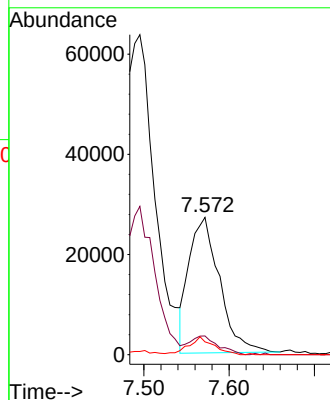
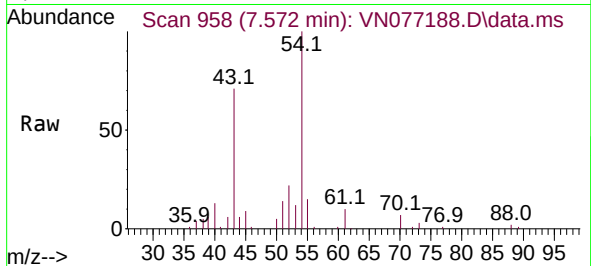
#37
Ethyl Acetate
Concen: 9.139 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 6751
Ion Ratio Lower Upper
43 100
61 12.0 13.5 20.3
70 10.7 11.0 16.6

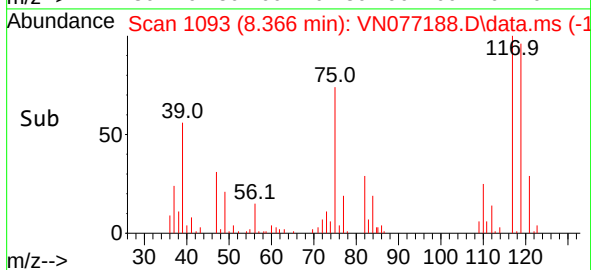
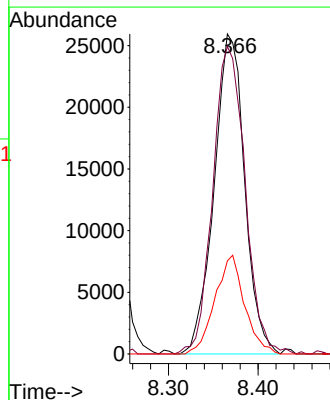
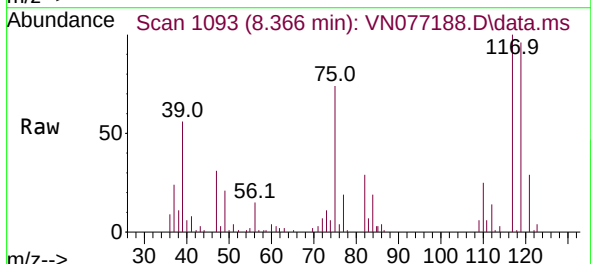
Manual Integrations
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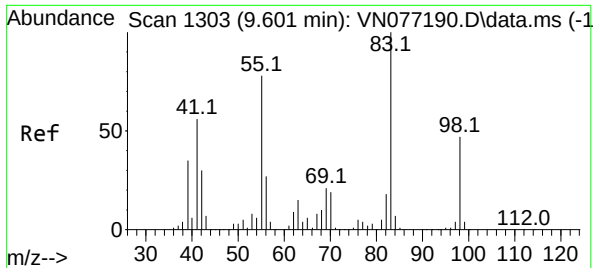
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#38
Carbon Tetrachloride
Concen: 9.132 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

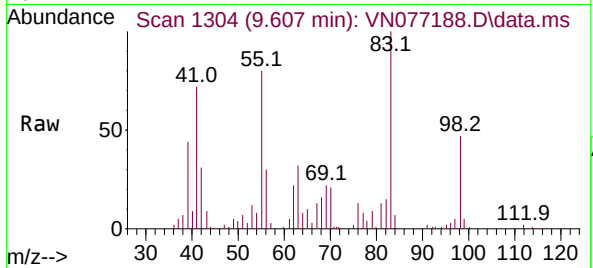
Tgt Ion:117 Resp: 61370
Ion Ratio Lower Upper
117 100
119 95.3 76.9 115.3
121 29.1 23.2 34.8





#39
Methylcyclohexane
Concen: 8.758 ug/l
RT: 9.607 min Scan# 11304
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

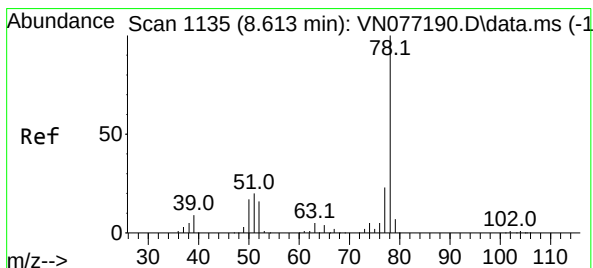
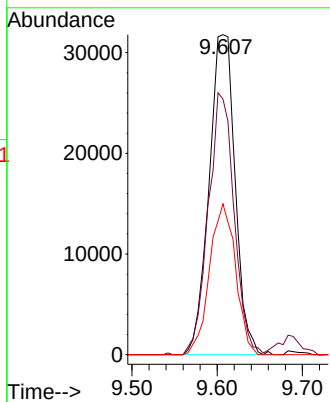
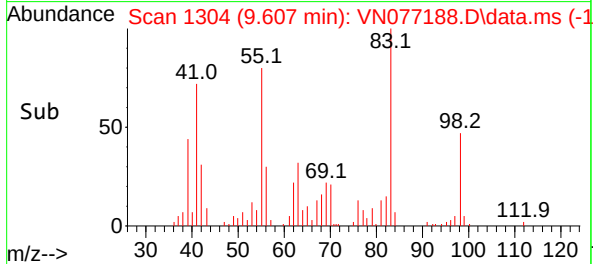
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 6779
Ion Ratio Lower Upper
83 100
55 79.8 47.0 70.4
98 47.1 39.4 59.0

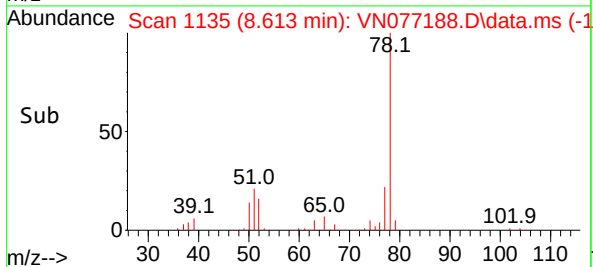
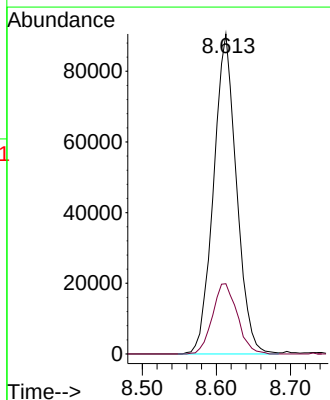
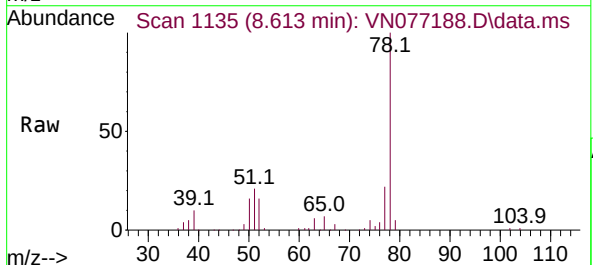
Manual Integrations
APPROVED

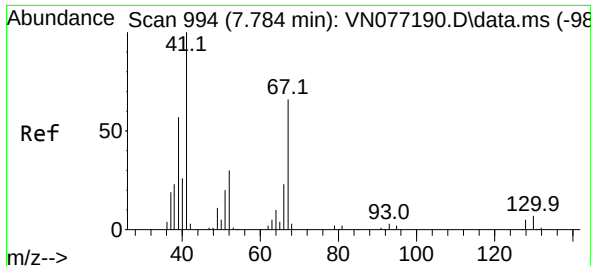
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#40
Benzene
Concen: 9.575 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

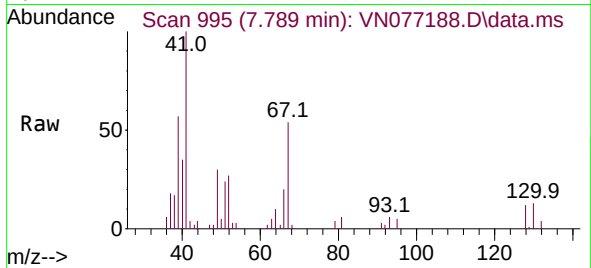
Tgt Ion: 78 Resp: 194488
Ion Ratio Lower Upper
78 100
77 22.0 19.3 28.9





#41
Methacrylonitrile
Concen: 9.156 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.005 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

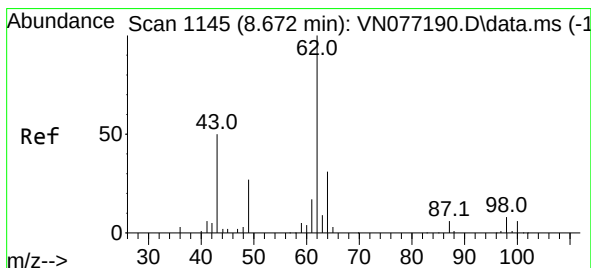
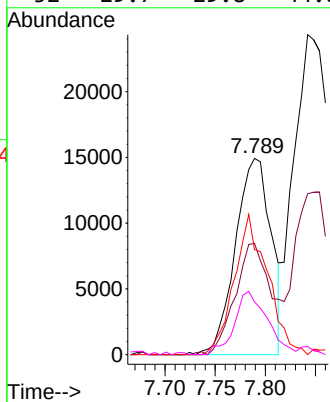
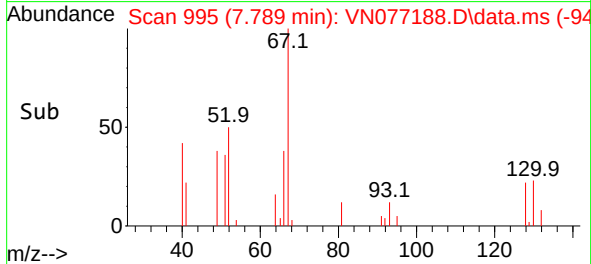
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 41 Resp: 3696
Ion Ratio Lower Upper
41 100
39 59.0 43.4 65.0
67 66.7 78.6 118.0
52 29.7 29.8 44.8

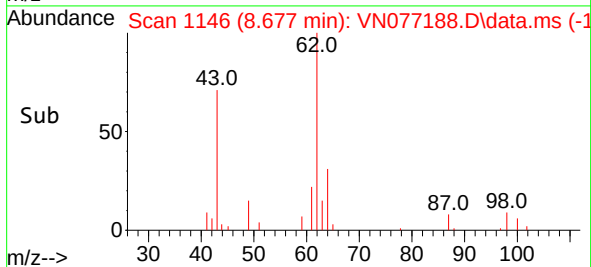
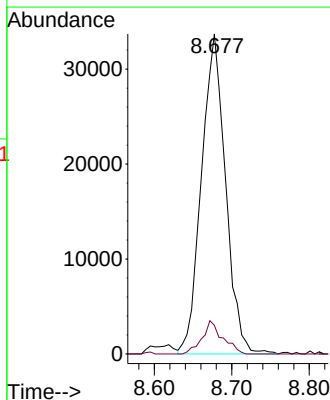
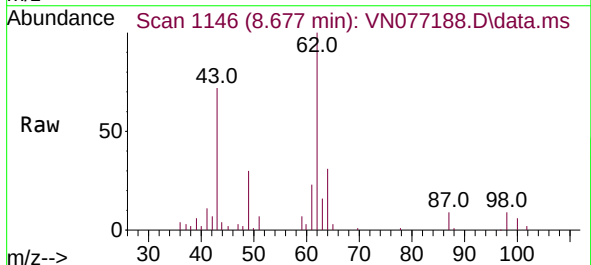
Manual Integrations
APPROVED

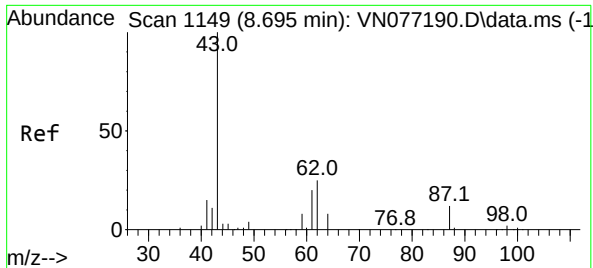
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#42
1,2-Dichloroethane
Concen: 9.503 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. 0.005 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 62 Resp: 72782
Ion Ratio Lower Upper
62 100
98 8.8 0.0 21.8





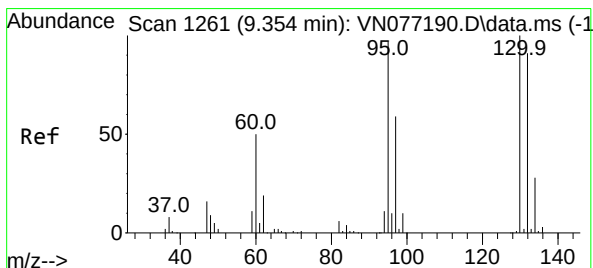
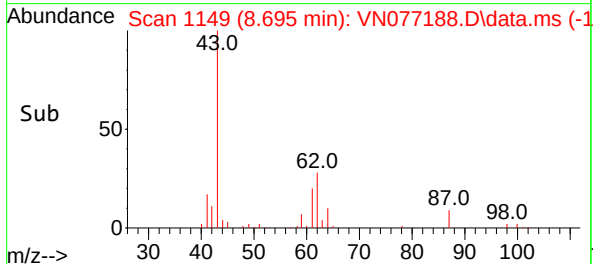
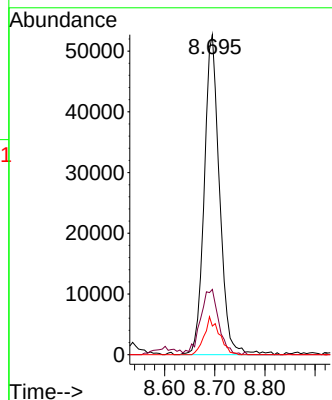
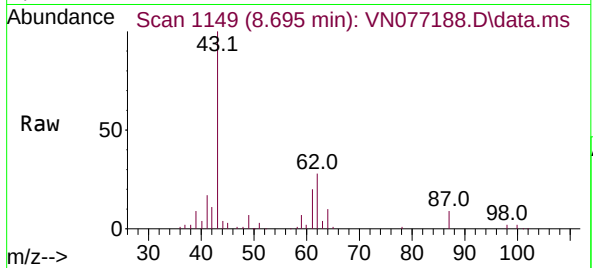
#43
Isopropyl Acetate
Concen: 9.373 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 11170
Ion Ratio Lower Upper
43 100
61 24.3 26.2 39.2
87 11.5 14.8 22.2

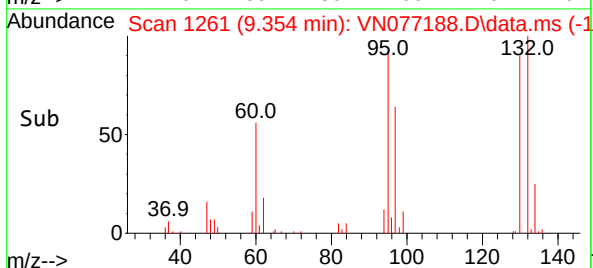
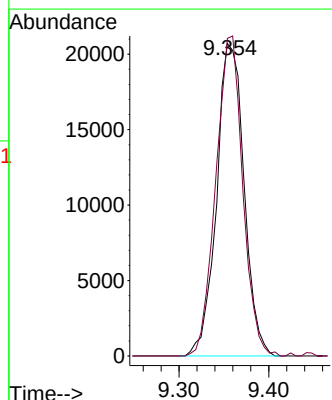
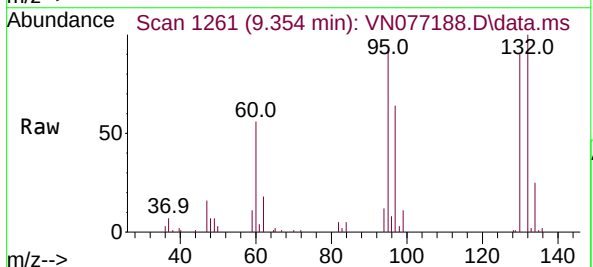
Manual Integrations
APPROVED

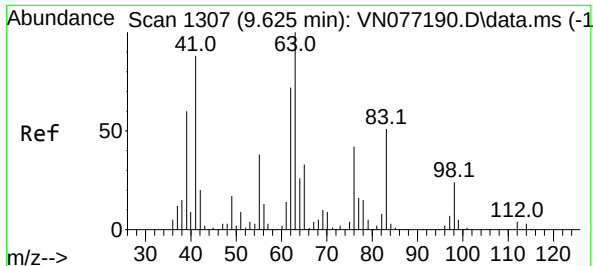
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#44
Trichloroethene
Concen: 9.465 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion:130 Resp: 44051
Ion Ratio Lower Upper
130 100
95 101.6 0.0 208.6





#45

1,2-Dichloropropane

Concen: 9.466 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

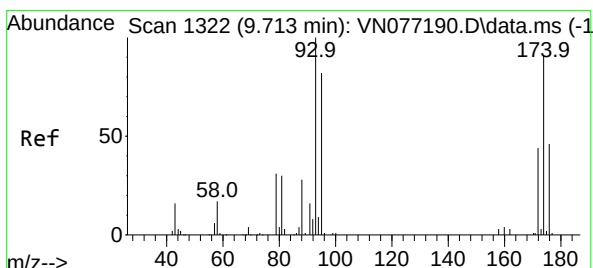
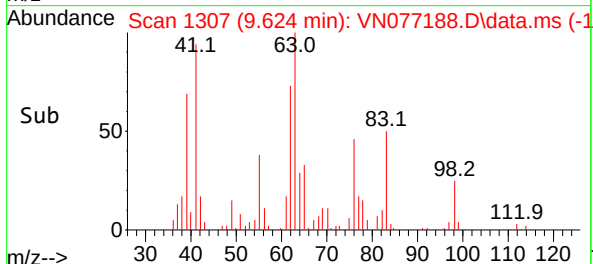
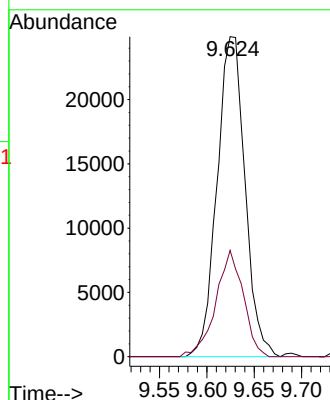
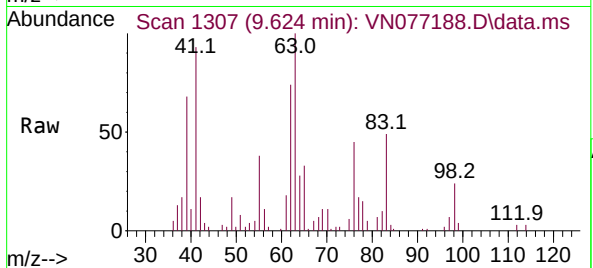
VSTDICC010

Tgt Ion: 63 Resp: 51134
 Ion Ratio Lower Upper
 63 100
 65 33.2 25.0 37.6

Manual Integrations

APPROVED

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



#46

Dibromomethane

Concen: 9.230 ug/l

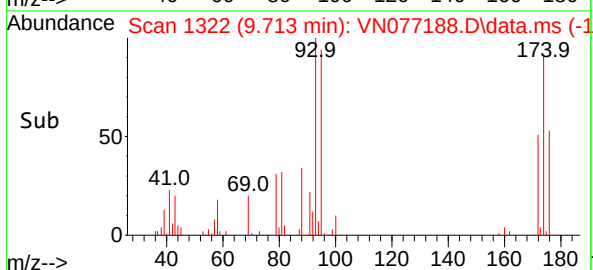
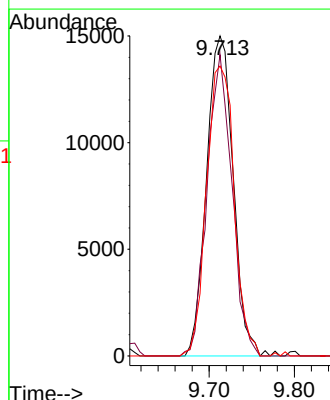
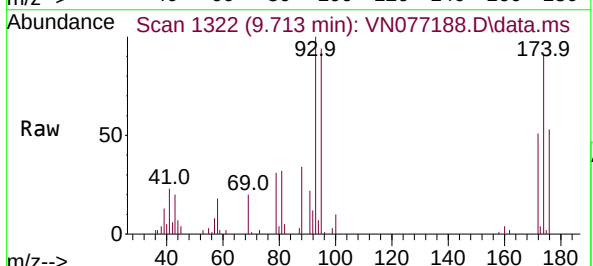
RT: 9.713 min Scan# 1322

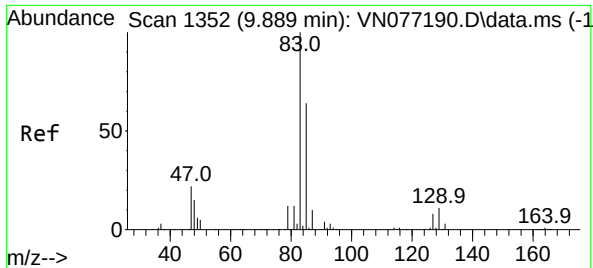
Delta R.T. -0.000 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Tgt Ion: 93 Resp: 32590
 Ion Ratio Lower Upper
 93 100
 95 88.1 65.7 98.5
 174 93.8 69.3 103.9





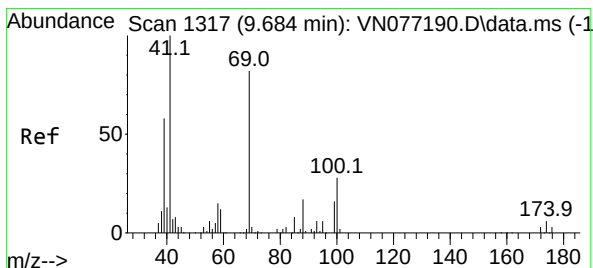
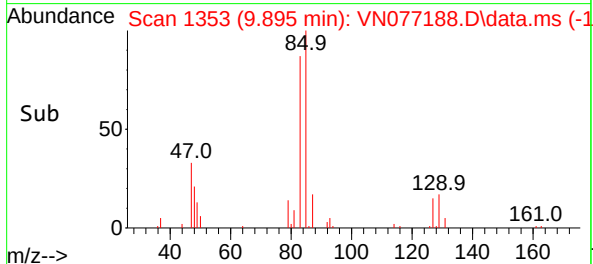
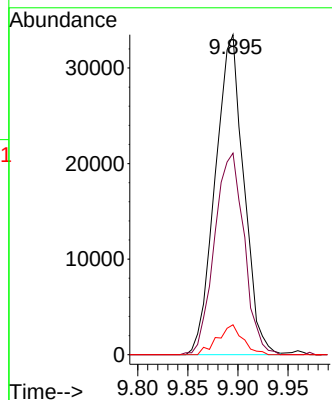
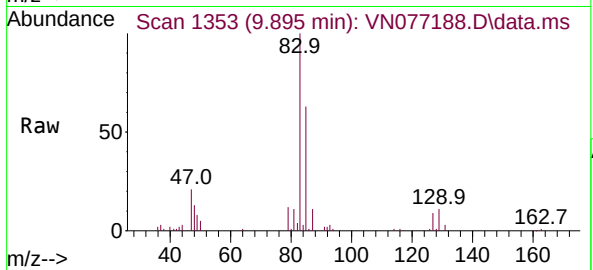
#47
Bromodichloromethane
Concen: 9.450 ug/l
RT: 9.895 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 6635
Ion Ratio Lower Upper
83 100
85 63.0 52.6 78.8
127 9.3 7.0 10.6

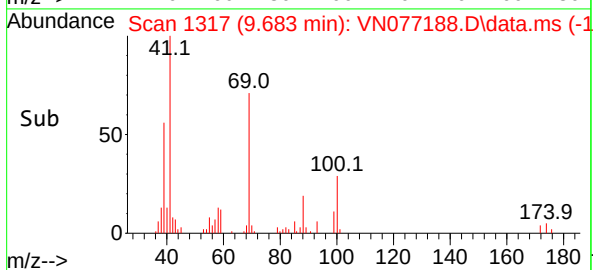
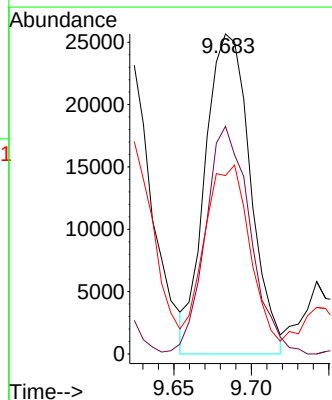
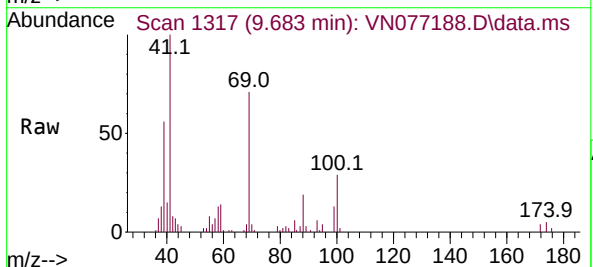
Manual Integrations
APPROVED

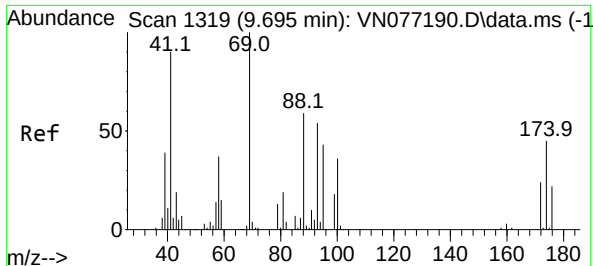
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#48
Methyl methacrylate
Concen: 9.072 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.001 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 41 Resp: 52070
Ion Ratio Lower Upper
41 100
69 70.3 92.6 139.0#
39 61.0 51.4 77.0





#49

1,4-Dioxane

Concen: 185.449 ug/l

RT: 9.701 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

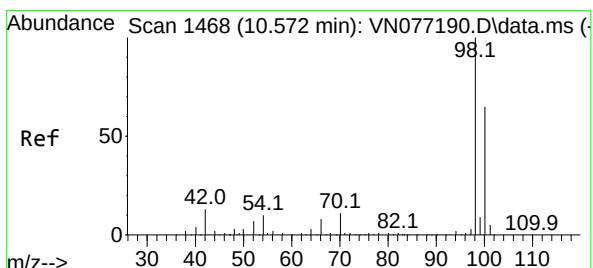
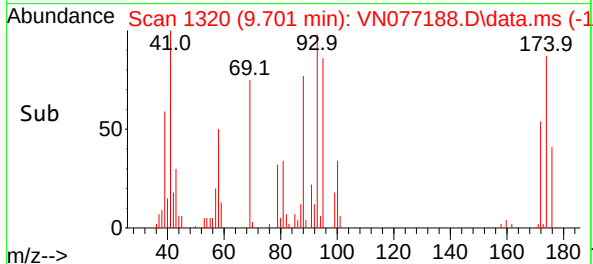
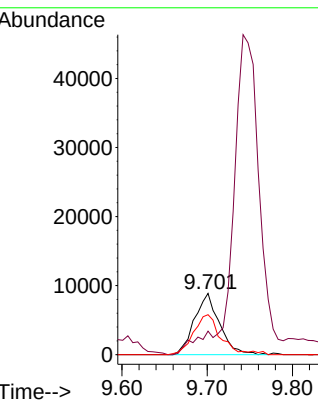
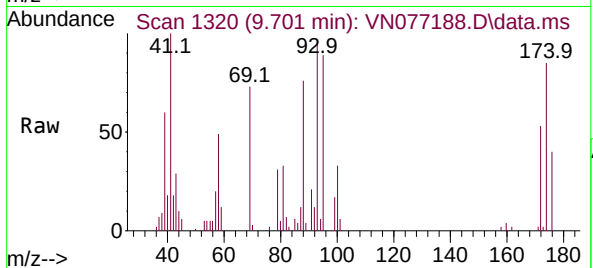
VSTDICC010

Tgt Ion: 88 Resp: 18145
 Ion Ratio Lower Upper
 88 100
 43 0.0 15.3 22.9
 58 69.0 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: 9.491 ug/l

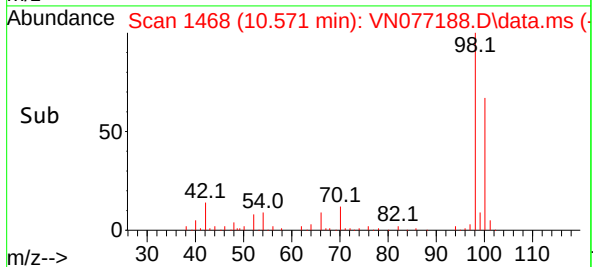
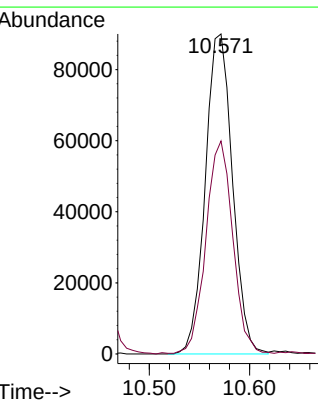
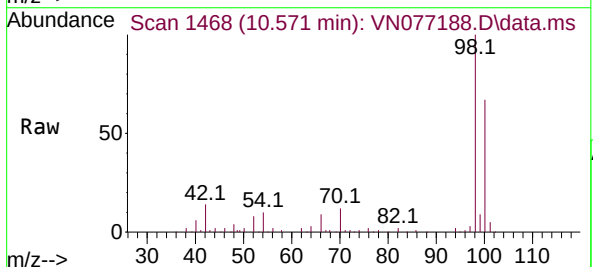
RT: 10.571 min Scan# 1468

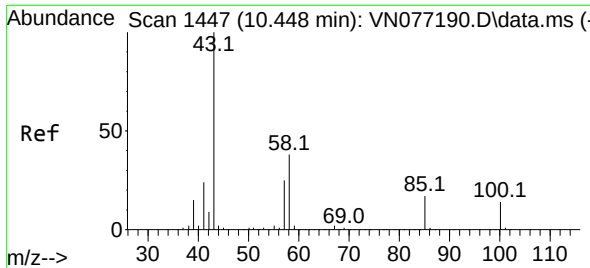
Delta R.T. -0.001 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Tgt Ion: 98 Resp: 169352
 Ion Ratio Lower Upper
 98 100
 100 66.0 52.8 79.2





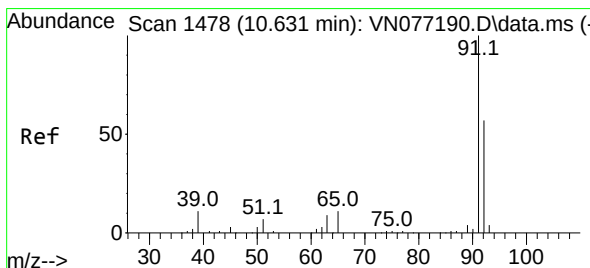
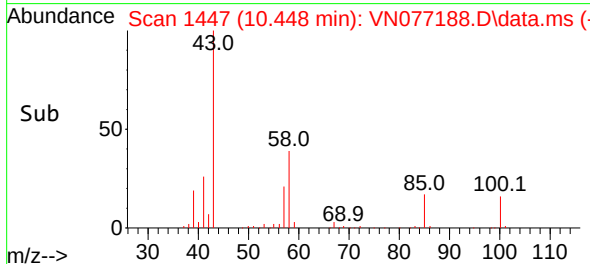
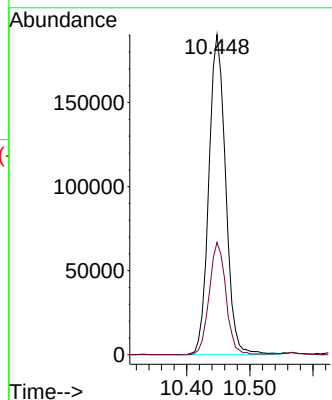
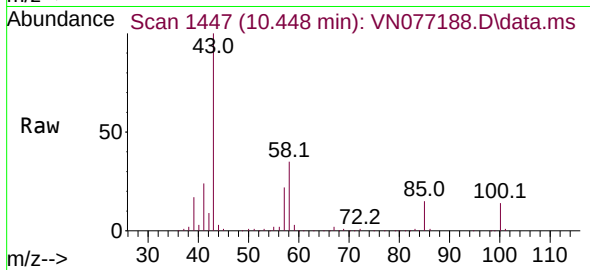
#51
4-Methyl-2-Pentanone
Concen: 46.895 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 351669
Ion Ratio Lower Upper
43 100
58 34.9 37.4 56.0

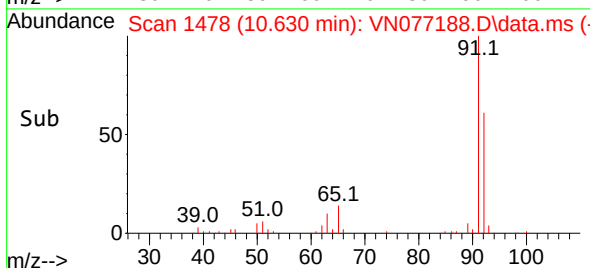
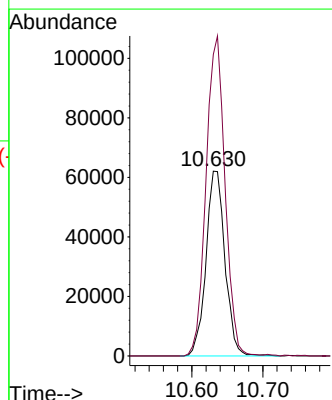
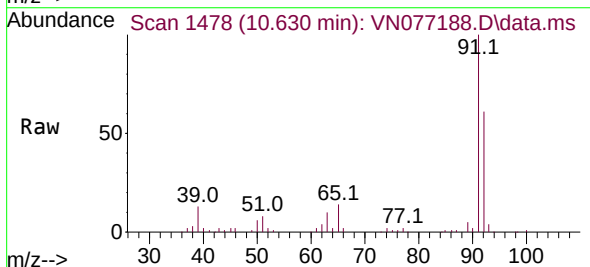
Manual Integrations
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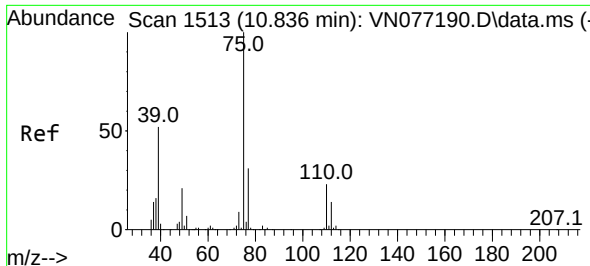
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#52
Toluene
Concen: 9.308 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.001 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 92 Resp: 115299
Ion Ratio Lower Upper
92 100
91 173.1 138.2 207.2





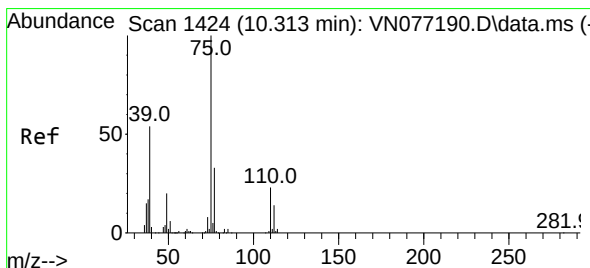
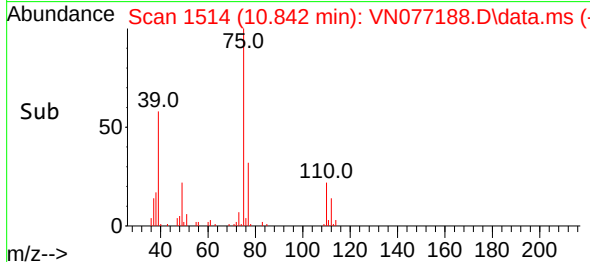
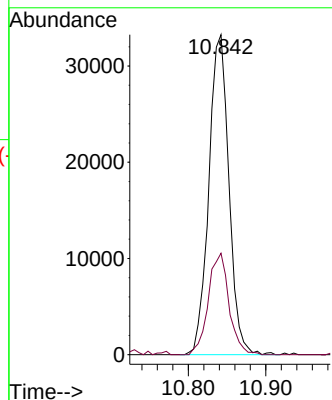
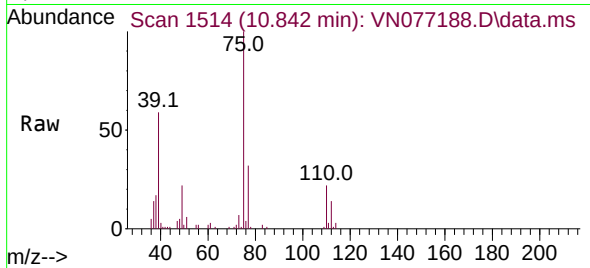
#53
t-1,3-Dichloropropene
Concen: 8.398 ug/l
RT: 10.842 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 59844
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6

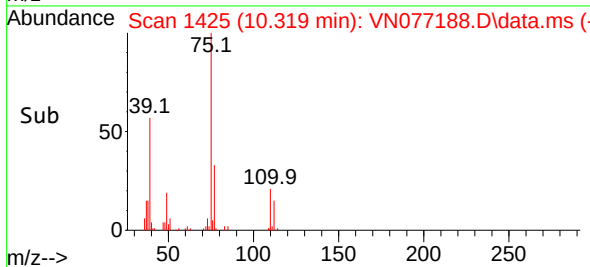
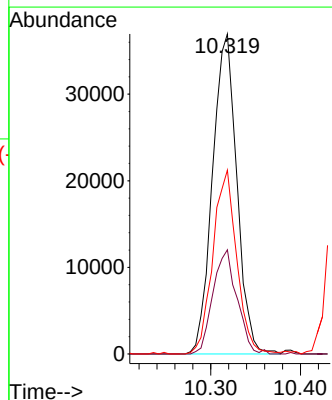
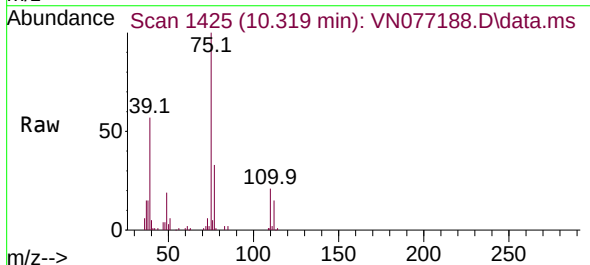
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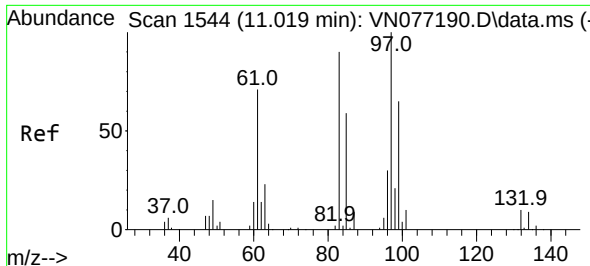
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#54
cis-1,3-Dichloropropene
Concen: 8.924 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

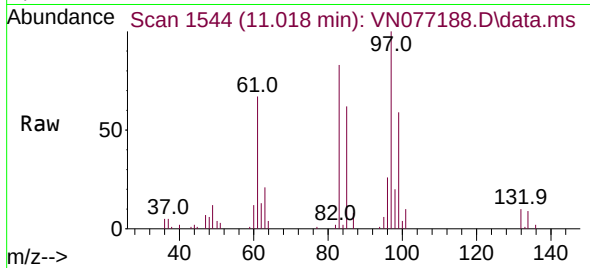
Tgt Ion: 75 Resp: 69593
Ion Ratio Lower Upper
75 100
77 32.6 25.7 38.5
39 57.5 29.7 44.5#





#55
1,1,2-Trichloroethane
Concen: 9.455 ug/l
RT: 11.018 min Scan# 1544
Delta R.T. -0.001 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

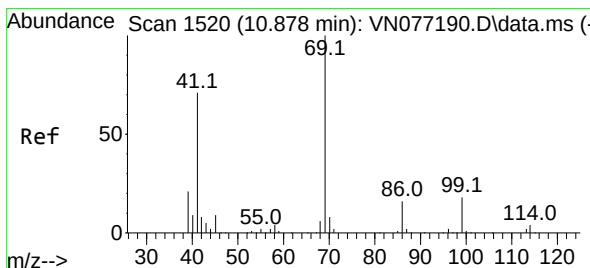
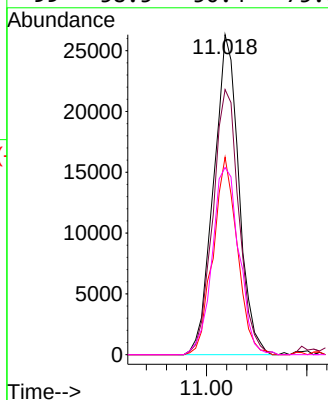
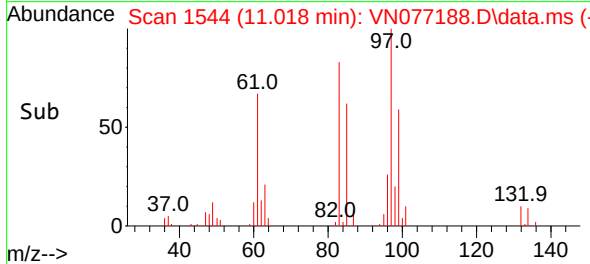
Instrument : MSVOA_N
ClientSampleId : VSTDIC010



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.9	67.1	100.7
85	61.7	41.8	62.8
99	58.5	50.4	75.6

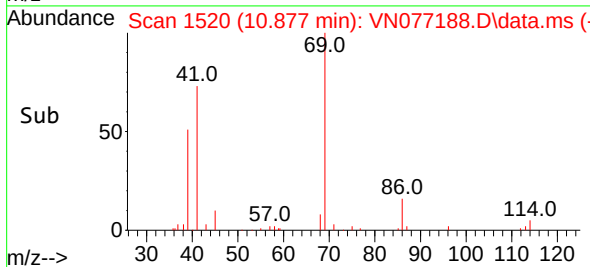
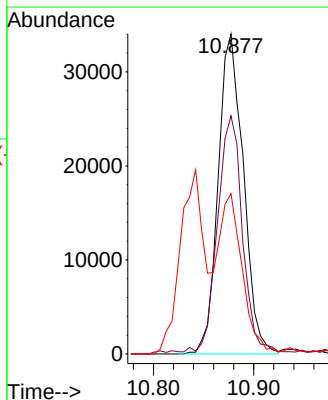
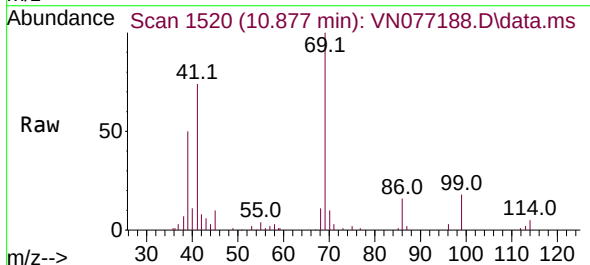
Manual Integrations
APPROVED

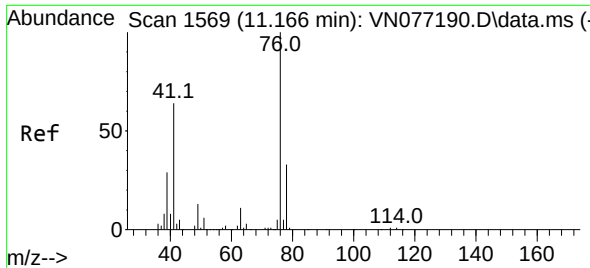
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#56
Ethyl methacrylate
Concen: 8.256 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.8	38.0	57.0#
39	44.4	22.4	33.6#





#57

1,3-Dichloropropane

Concen: 9.370 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 81229

Ion Ratio Lower Upper

76 100

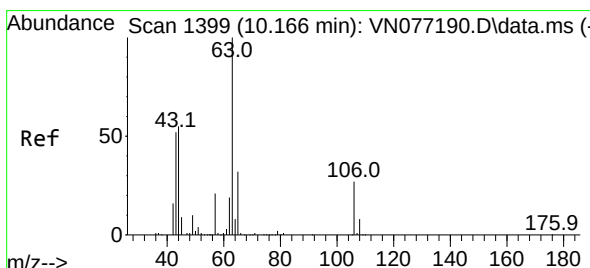
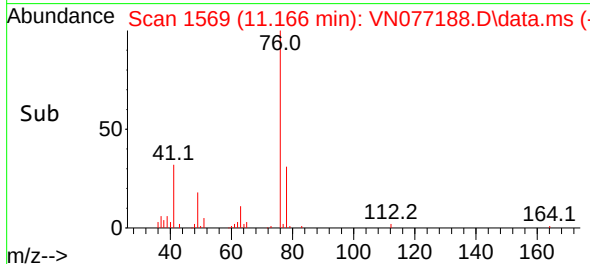
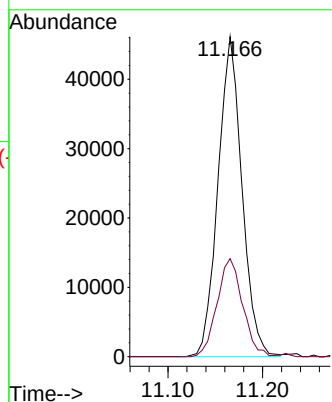
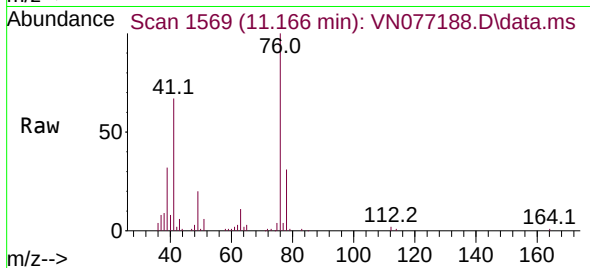
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2023

Supervised By :Mahesh Dadoda 03/27/2023



#58

2-Chloroethyl Vinyl ether

Concen: 46.441 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VN077188.D

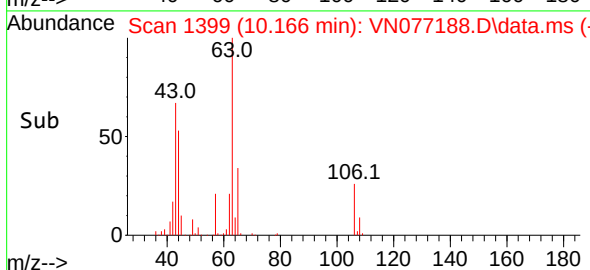
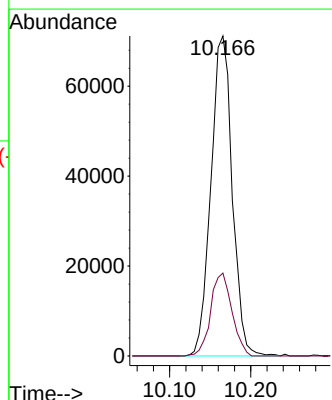
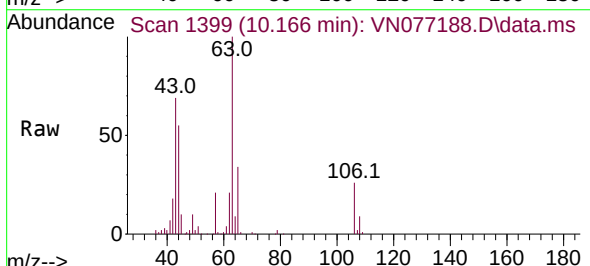
Acq: 24 Mar 2023 21:18

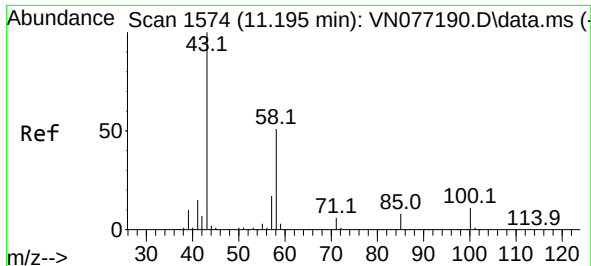
Tgt Ion: 63 Resp: 130047

Ion Ratio Lower Upper

63 100

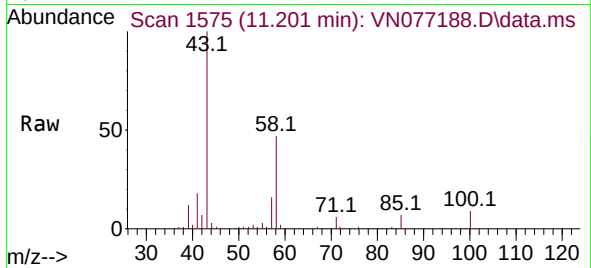
106 25.8 25.6 38.4





#59
2-Hexanone
Concen: 45.099 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

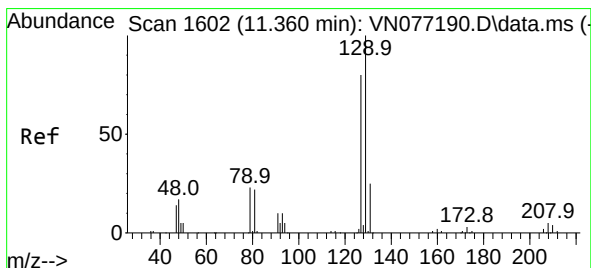
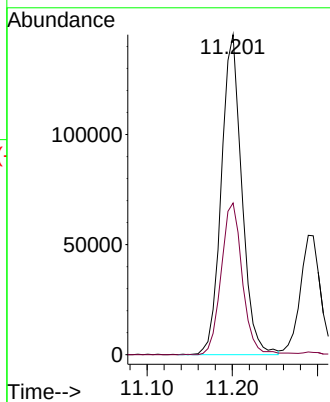
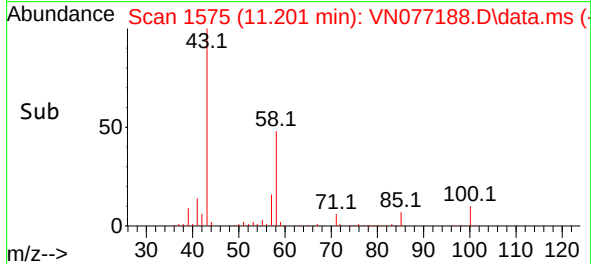
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 243054
Ion Ratio Lower Upper
43 100
58 49.0 32.6 98.0

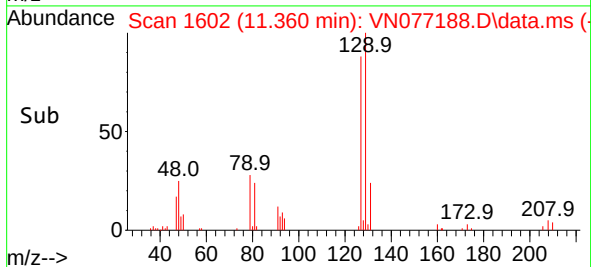
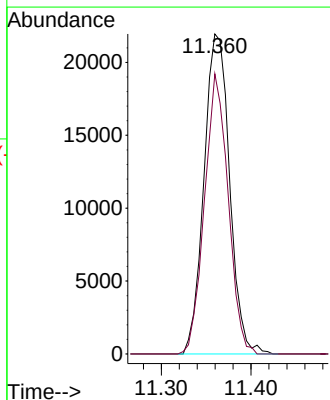
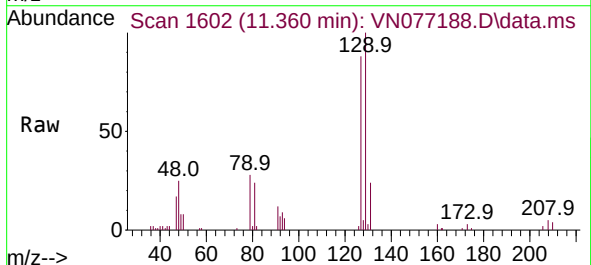
Manual Integrations
APPROVED

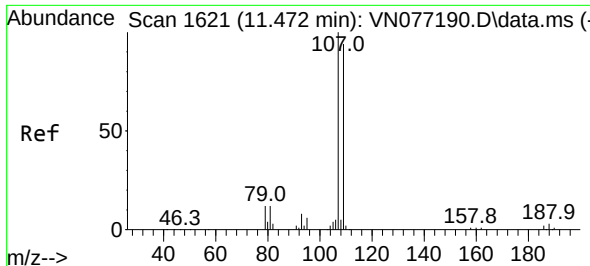
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#60
Dibromochloromethane
Concen: 8.716 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion:129 Resp: 43544
Ion Ratio Lower Upper
129 100
127 80.8 39.6 118.8





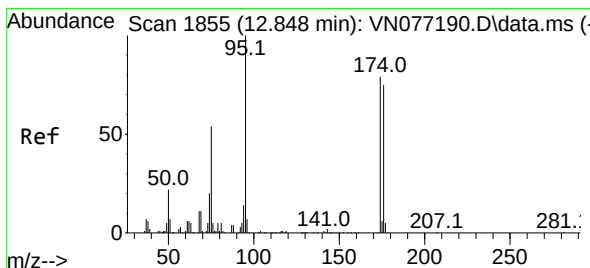
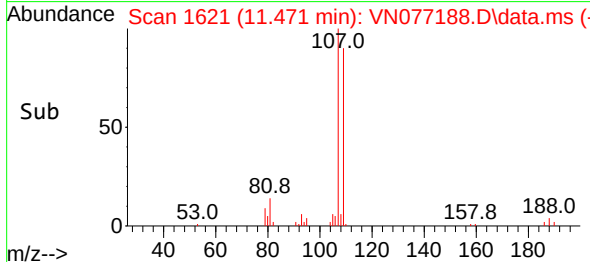
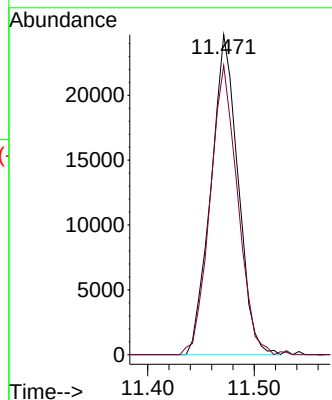
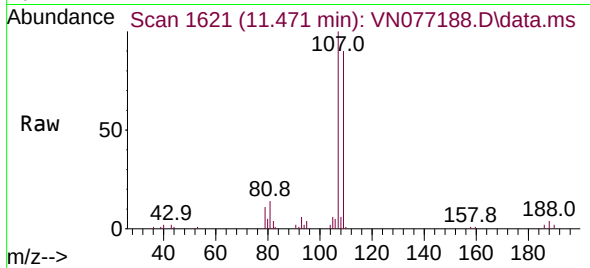
#61
1,2-Dibromoethane
Concen: 9.030 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 43640
Ion Ratio Lower Upper
107 100
109 92.3 75.9 113.9

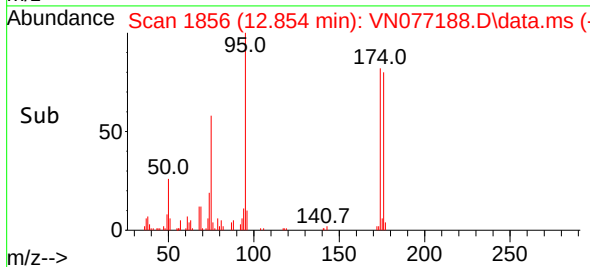
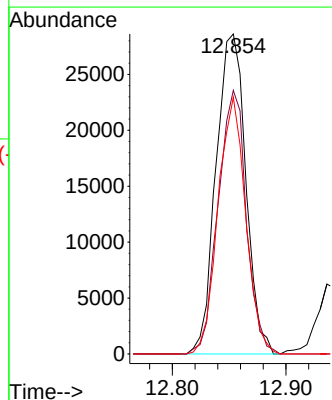
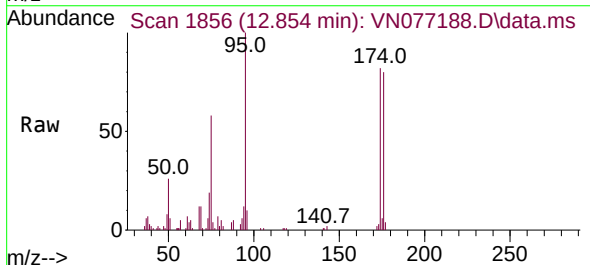
Manual Integrations
APPROVED

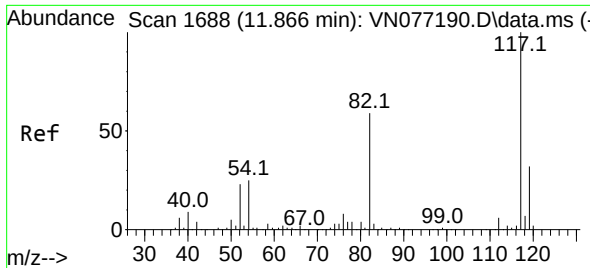
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#62
4-Bromofluorobenzene
Concen: 8.885 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

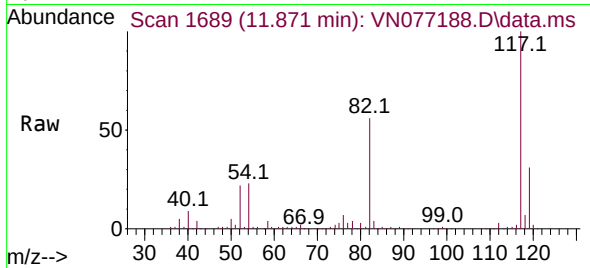
Tgt Ion: 95 Resp: 52035
Ion Ratio Lower Upper
95 100
174 78.0 0.0 162.4
176 74.6 0.0 157.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1688
Delta R.T. 0.005 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

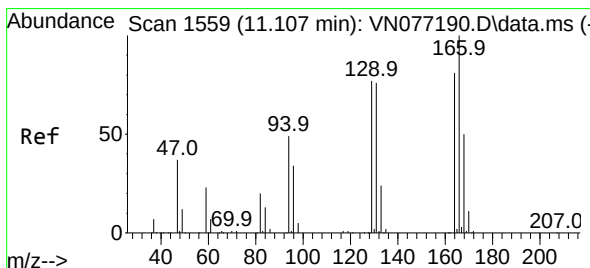
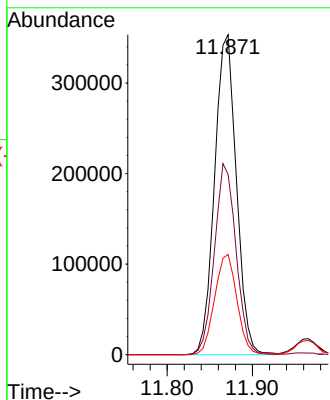
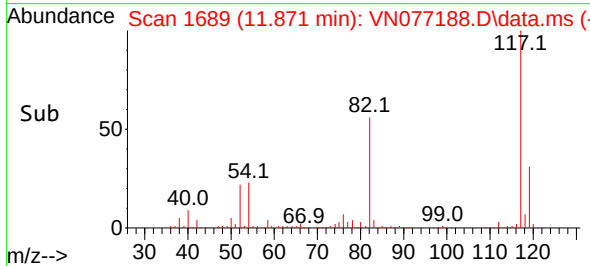
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 62874
Ion Ratio Lower Upper
117 100
82 56.3 43.5 65.3
119 31.4 25.5 38.3

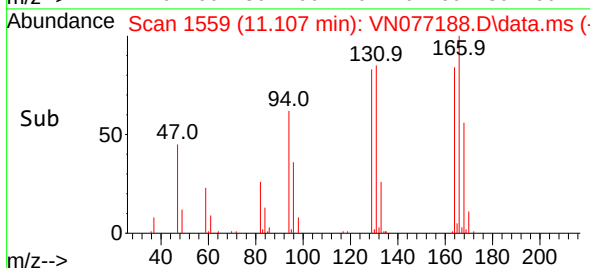
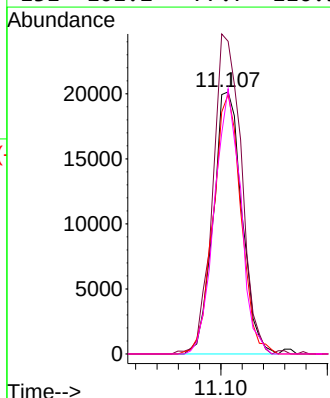
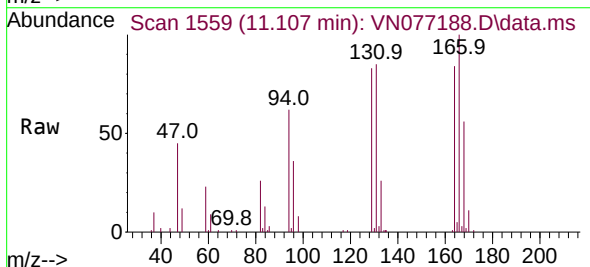
Manual Integrations
APPROVED

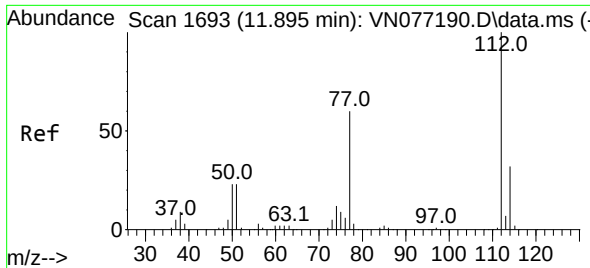
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#64
Tetrachloroethene
Concen: 9.630 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion:164 Resp: 37558
Ion Ratio Lower Upper
164 100
166 118.3 102.7 154.1
129 99.0 81.5 122.3
131 101.2 77.7 116.5





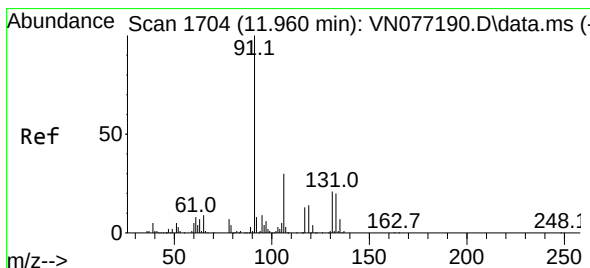
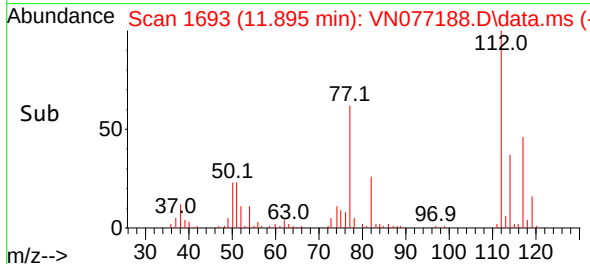
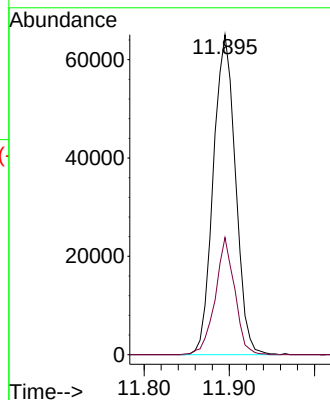
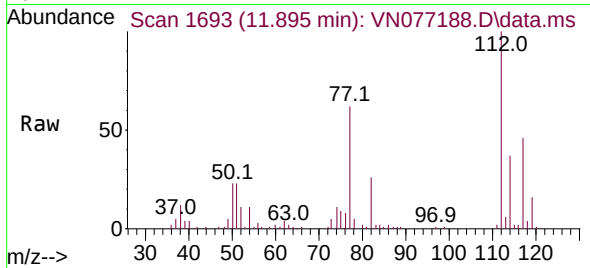
#65
Chlorobenzene
Concen: 9.304 ug/l
RT: 11.895 min Scan# 117864
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 117864
Ion Ratio Lower Upper
112 100
114 36.6 25.8 38.8

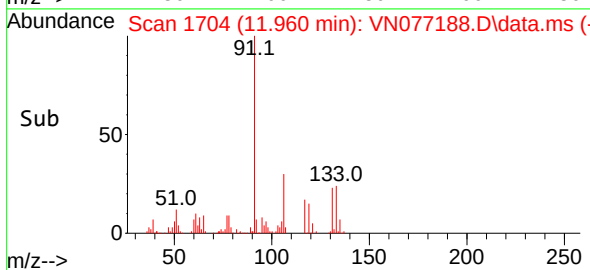
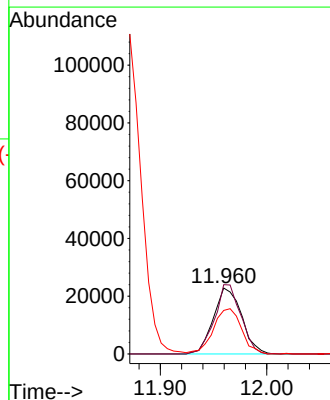
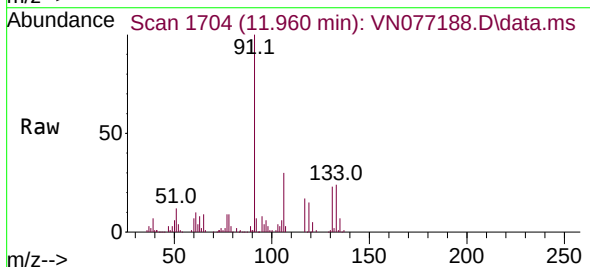
Manual Integrations
APPROVED

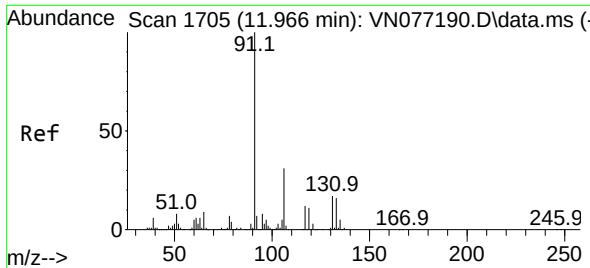
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 9.063 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

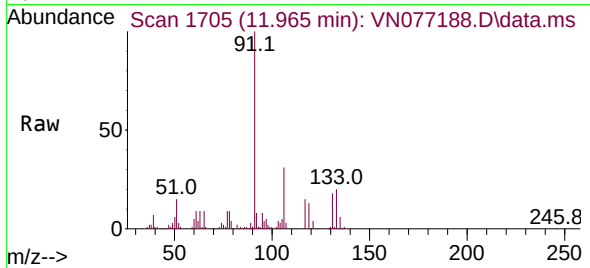
Tgt Ion:131 Resp: 41944
Ion Ratio Lower Upper
131 100
133 97.7 47.9 143.8
119 68.8 33.1 99.2





#67
Ethyl Benzene
Concen: 8.887 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

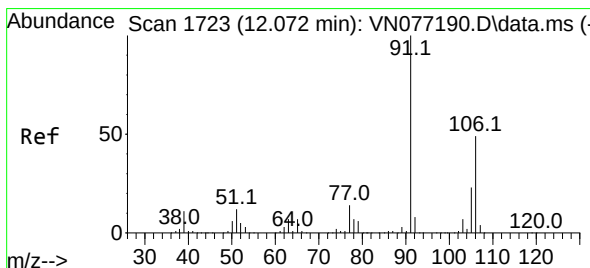
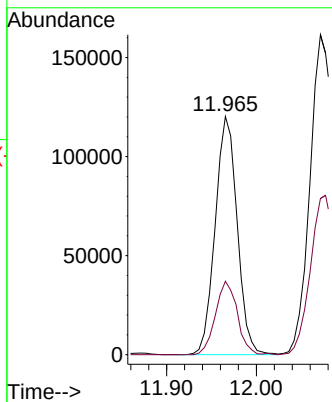
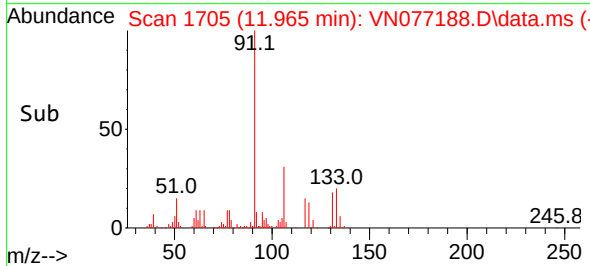
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



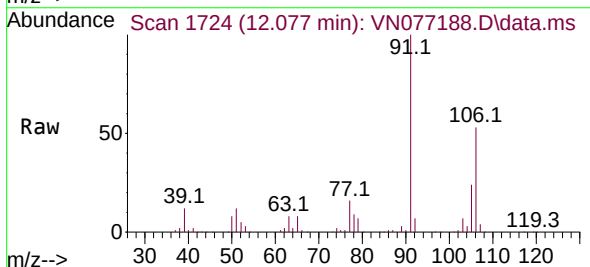
Tgt Ion: 91 Resp: 204800
Ion Ratio Lower Upper
91 100
106 30.8 25.1 37.7

Manual Integrations
APPROVED

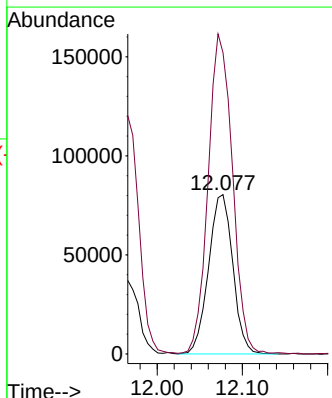
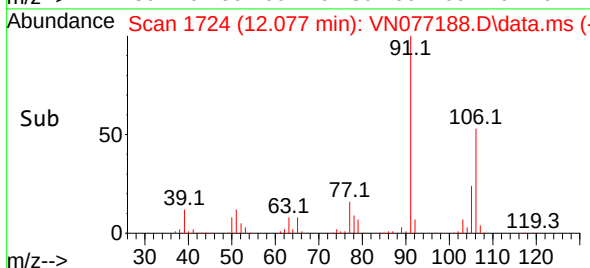
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023

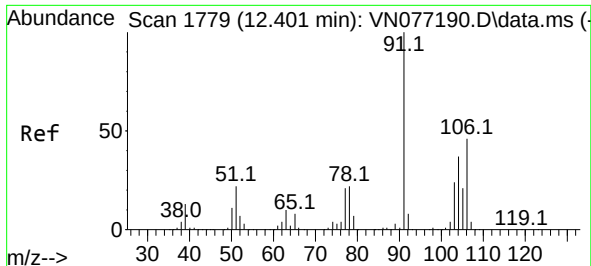


#68
m/p-Xylenes
Concen: 18.138 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.005 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18



Tgt Ion:106 Resp: 158988
Ion Ratio Lower Upper
106 100
91 200.3 158.0 237.0





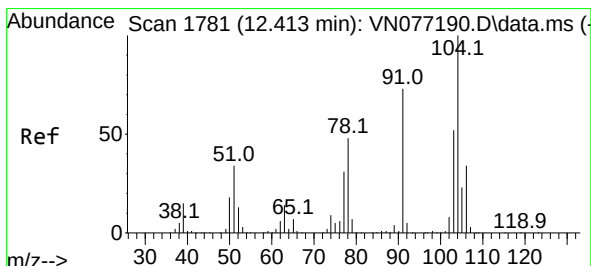
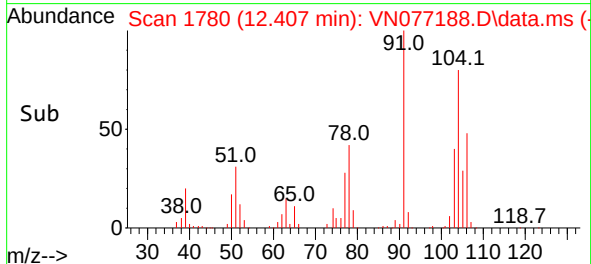
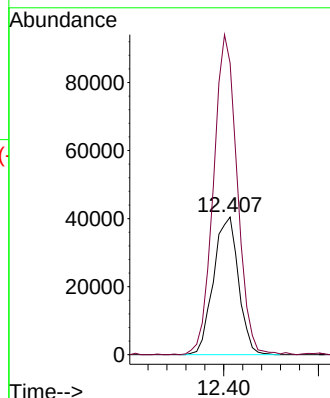
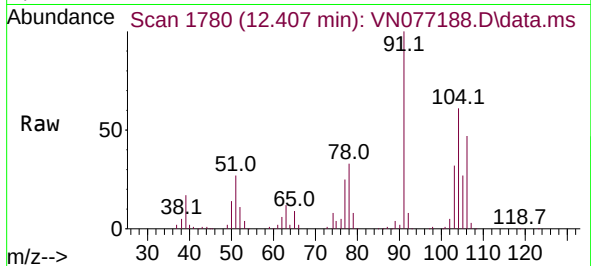
#69
o-Xylene
Concen: 8.738 ug/l
RT: 12.407 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 74169
Ion Ratio Lower Upper
106 100
91 221.3 101.8 305.4

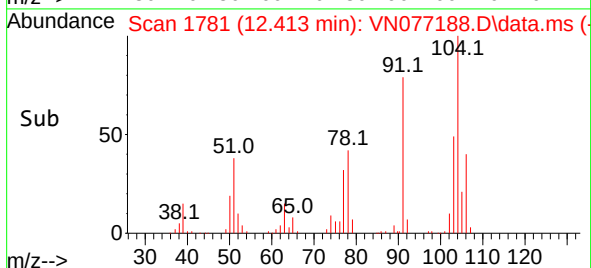
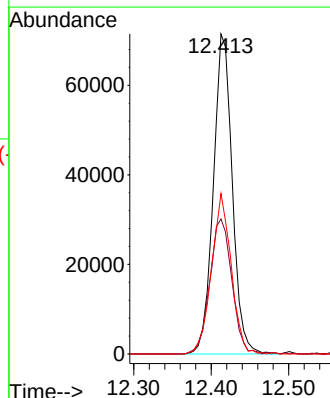
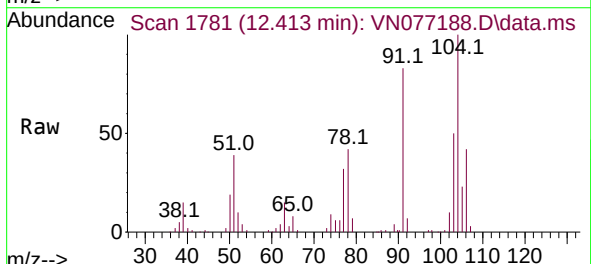
Manual Integrations
APPROVED

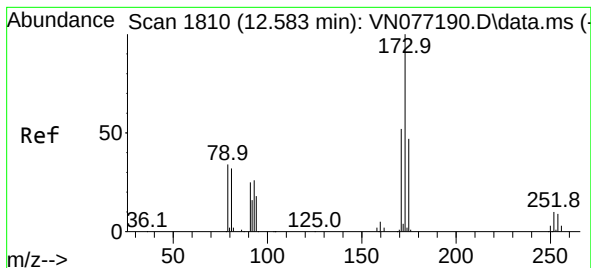
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#70
Styrene
Concen: 8.850 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.001 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion:104 Resp: 121349
Ion Ratio Lower Upper
104 100
78 48.8 36.6 55.0
103 52.1 43.4 65.0





#71

Bromoform

Concen: 8.545 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

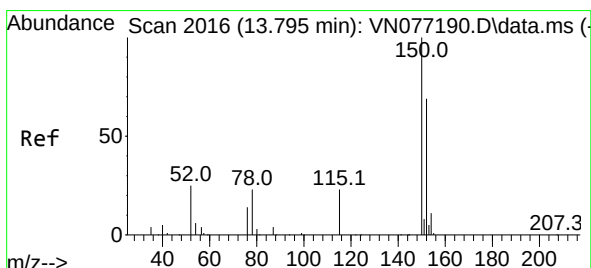
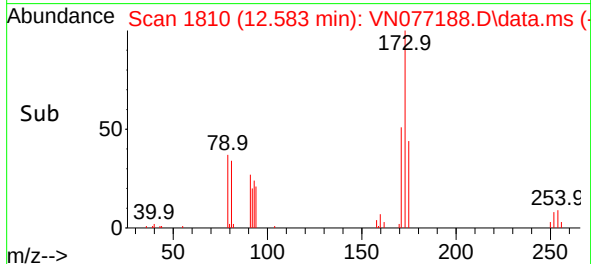
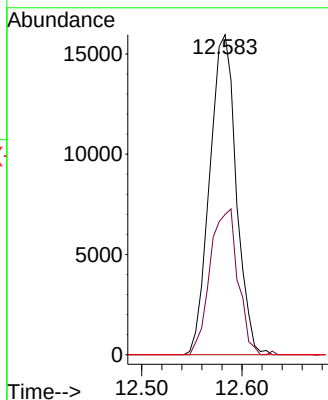
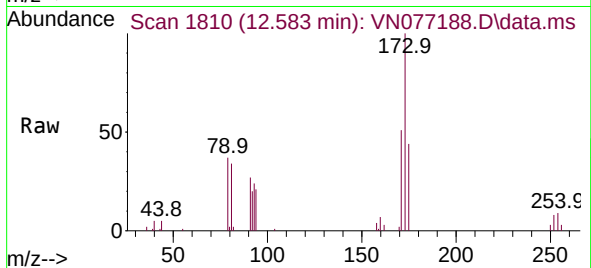
VSTDIC010

Tgt Ion:	173	Resp:	2929
Ion Ratio	Lower	Upper	
173	100		
175	47.7	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

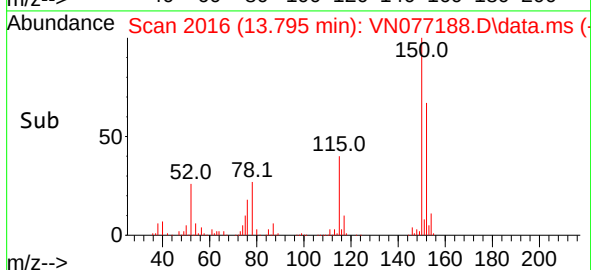
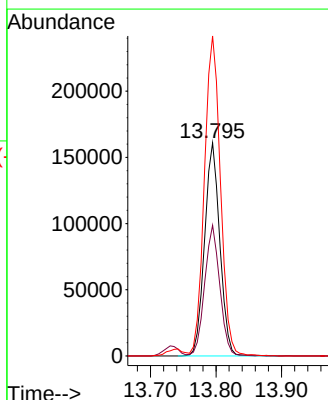
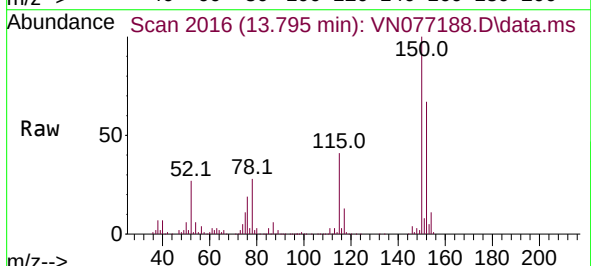
RT: 13.795 min Scan# 2016

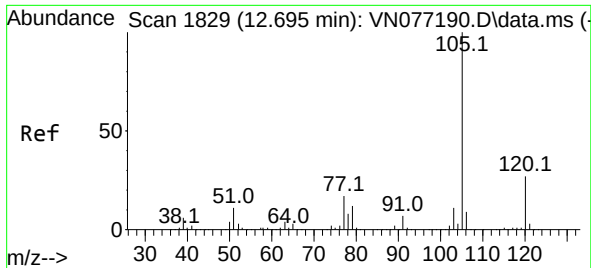
Delta R.T. -0.000 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Tgt Ion:	152	Resp:	260473
Ion Ratio	Lower	Upper	
152	100		
115	61.1	30.3	90.9
150	158.0	0.0	353.6





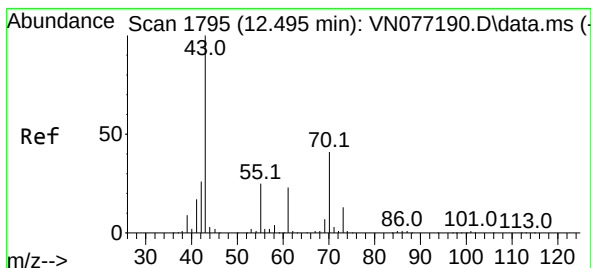
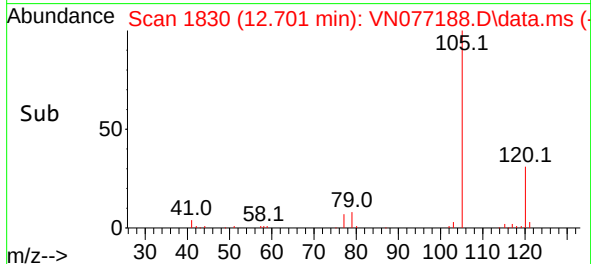
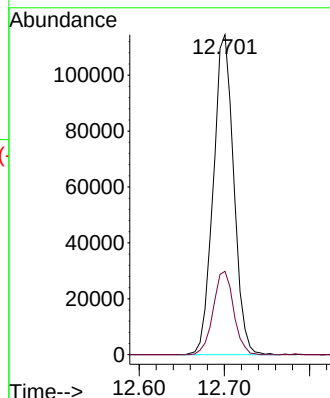
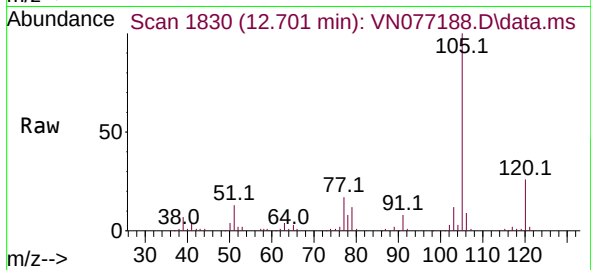
#73
Isopropylbenzene
Concen: 9.320 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 19101
Ion Ratio Lower Upper
105 100
120 26.1 13.8 41.4

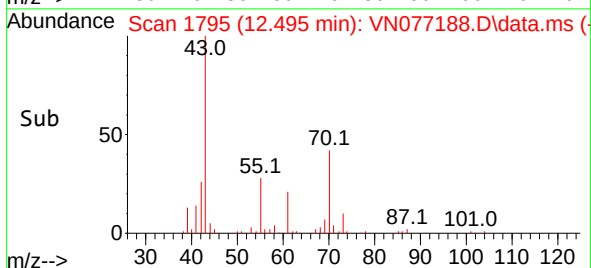
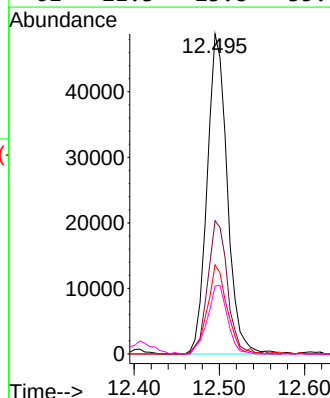
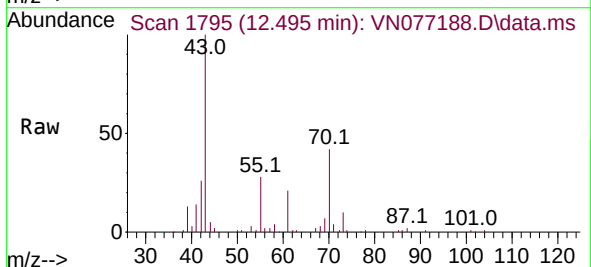
Manual Integrations
APPROVED

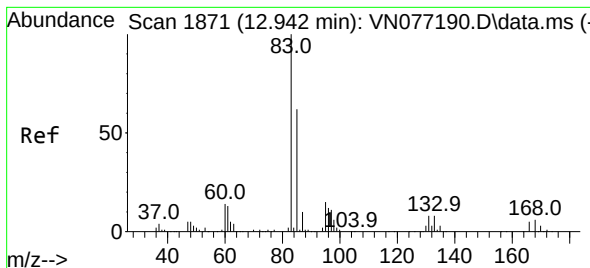
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#74
N-ethyl acetate
Concen: 8.960 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 43 Resp: 80013
Ion Ratio Lower Upper
43 100
70 41.0 46.8 70.2#
55 27.3 23.4 35.2
61 21.3 23.8 35.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 9.909 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

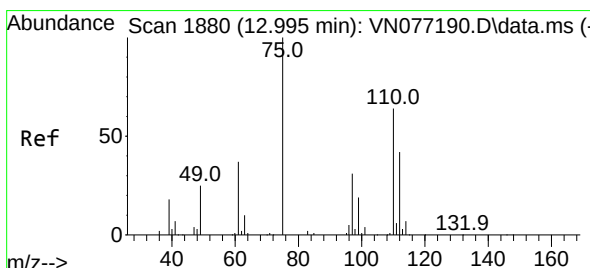
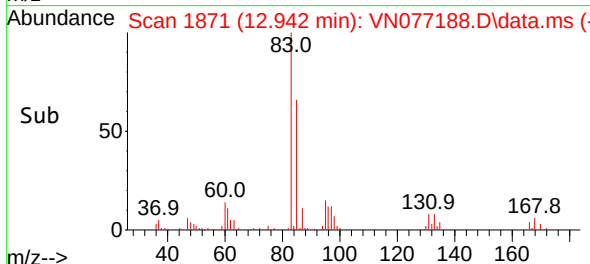
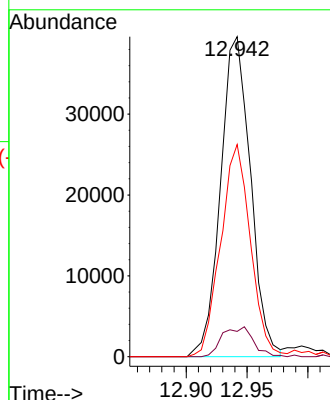
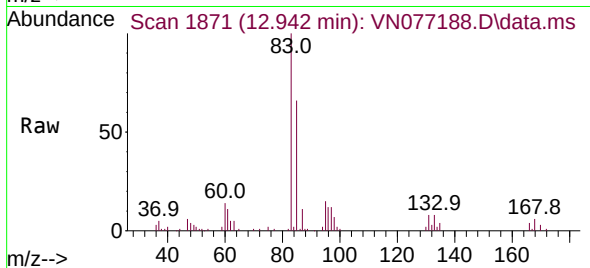
VSTDICC010

Tgt Ion: 83 Resp: 67828
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.3 16.1
 85 65.7 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: 9.178 ug/l m

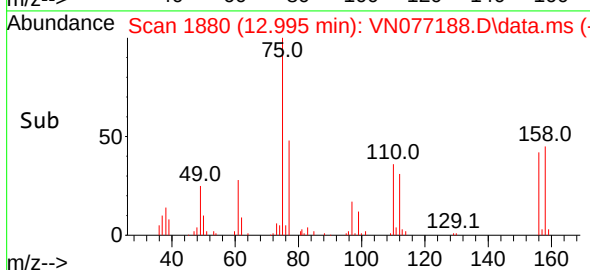
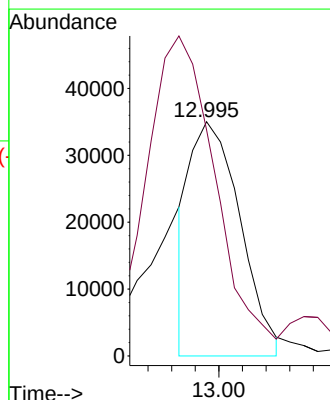
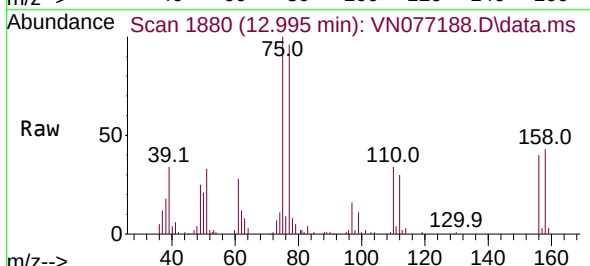
RT: 12.995 min Scan# 1880

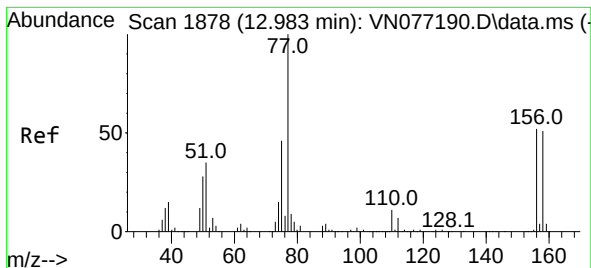
Delta R.T. -0.000 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Tgt Ion: 75 Resp: 51644
 Ion Ratio Lower Upper
 75 100
 77 191.3 93.8 281.4





#77

Bromobenzene

Concen: 9.248 ug/l

RT: 12.977 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:156 Resp: 43630

Ion Ratio Lower Upper

156 100

77 226.5 101.3 303.7

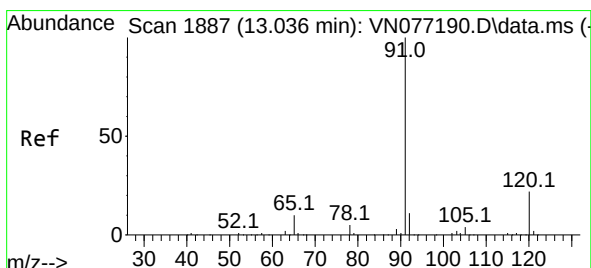
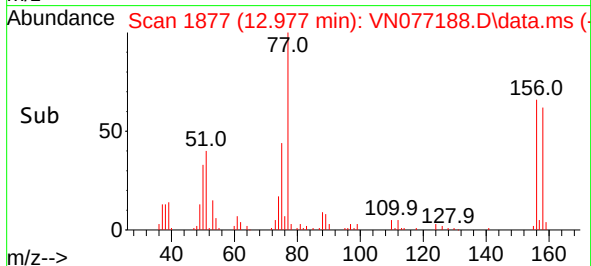
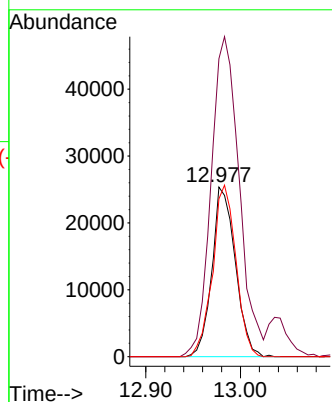
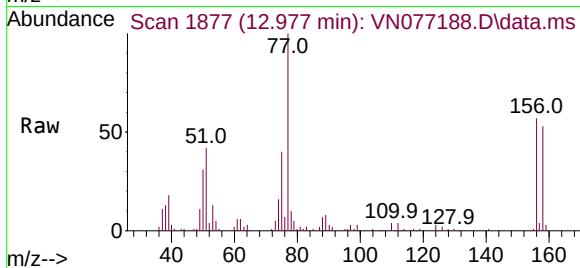
158 100.7 48.9 146.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2023

Supervised By :Mahesh Dadoda 03/27/2023



#78

n-propylbenzene

Concen: 8.987 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. 0.000 min

Lab File: VN077188.D

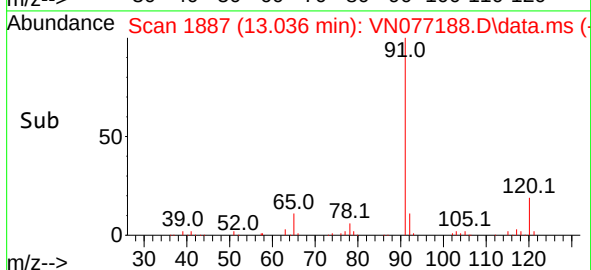
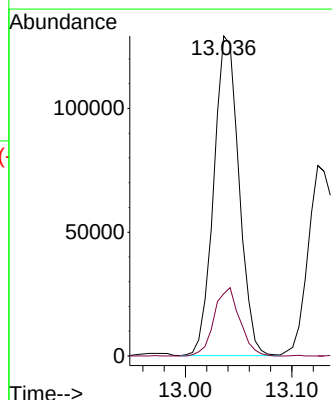
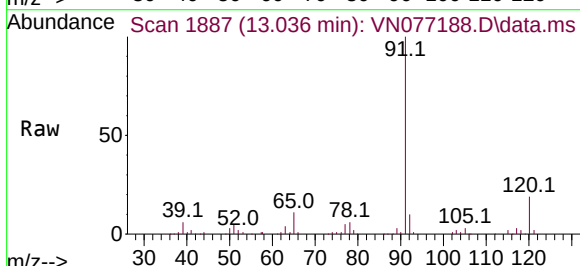
Acq: 24 Mar 2023 21:18

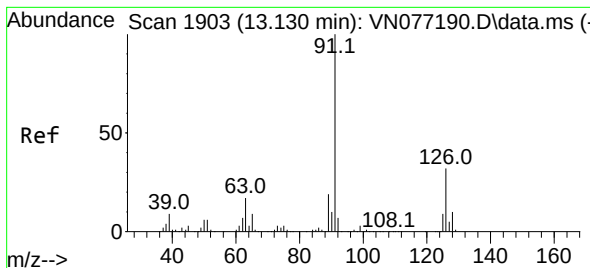
Tgt Ion: 91 Resp: 212399

Ion Ratio Lower Upper

91 100

120 21.7 11.9 35.7





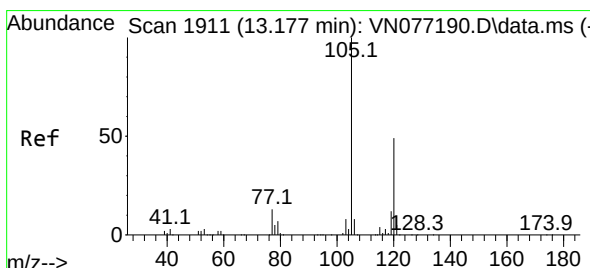
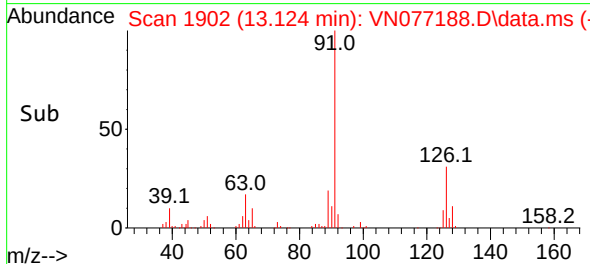
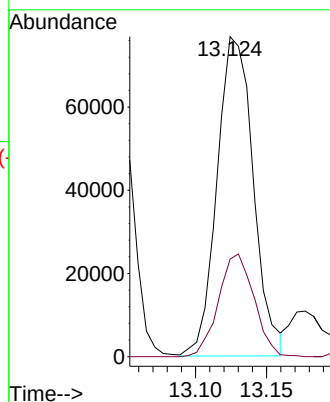
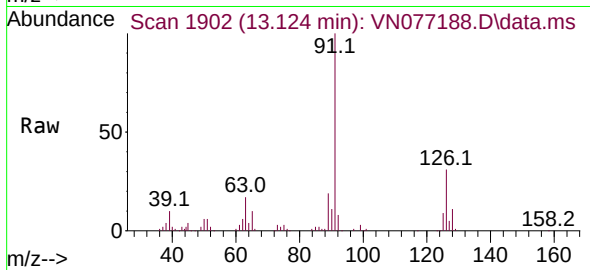
#79
2-Chlorotoluene
Concen: 9.379 ug/l
RT: 13.124 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 136319
Ion Ratio Lower Upper
91 100
126 31.5 17.7 53.1

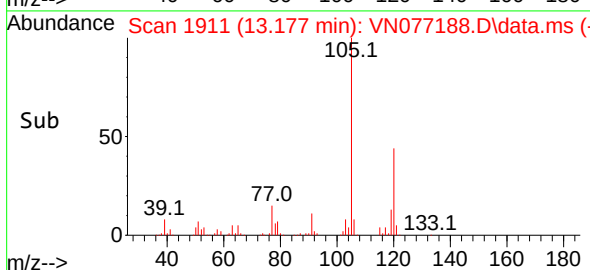
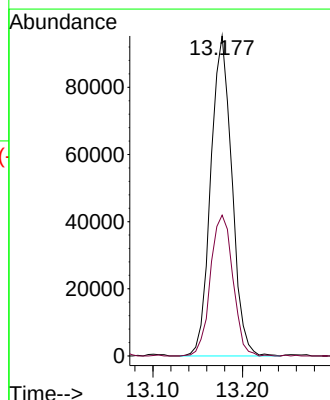
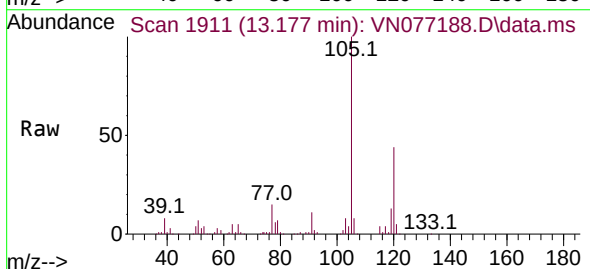
Manual Integrations
APPROVED

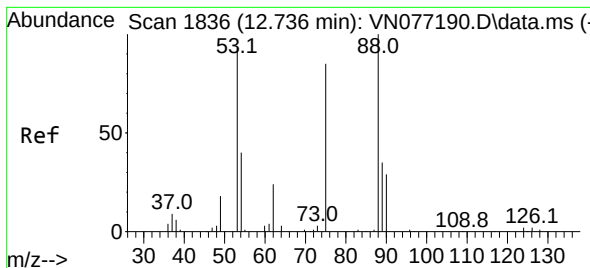
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#80
1,3,5-Trimethylbenzene
Concen: 9.132 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion:105 Resp: 155848
Ion Ratio Lower Upper
105 100
120 46.7 25.2 75.6





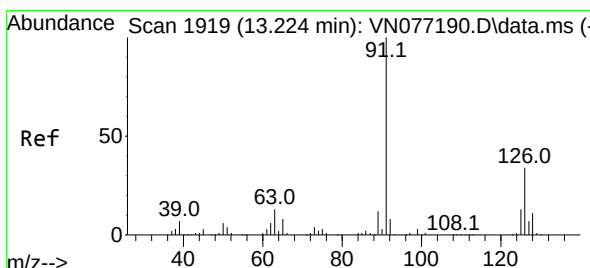
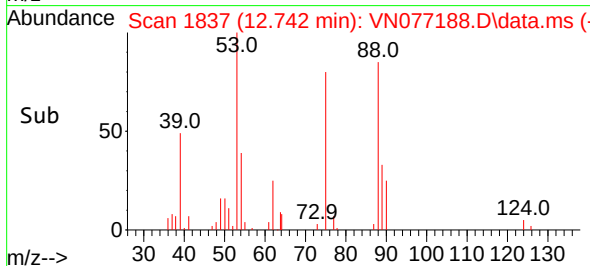
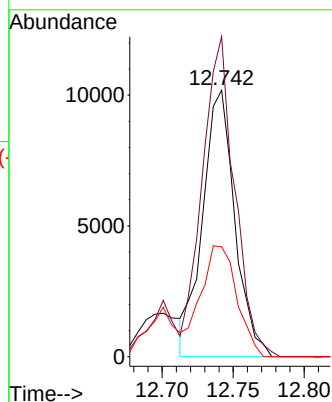
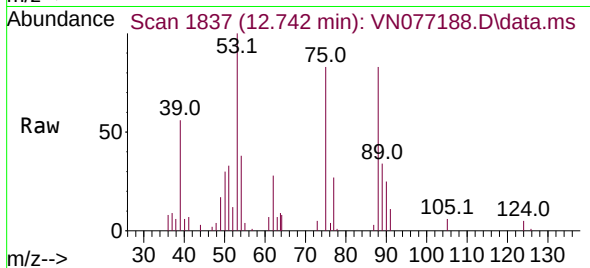
#81
trans-1,4-Dichloro-2-butene
Concen: 8.752 ug/l
RT: 12.742 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 1604
Ion Ratio Lower Upper
75 100
53 120.7 67.4 101.0
89 47.2 39.5 59.3

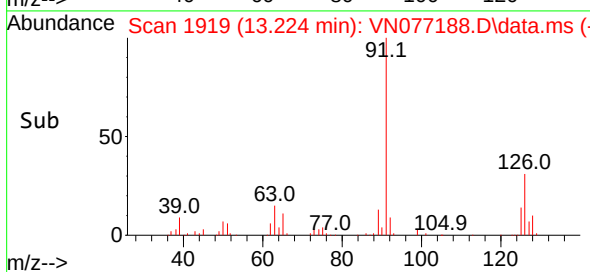
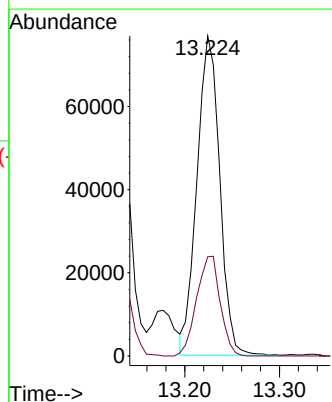
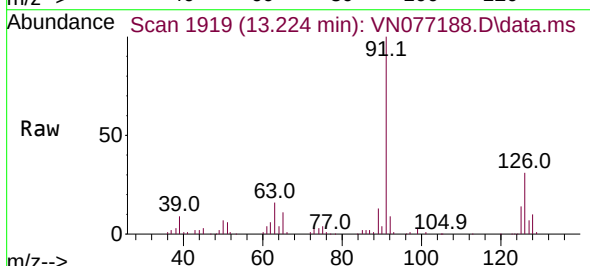
Manual Integrations
APPROVED

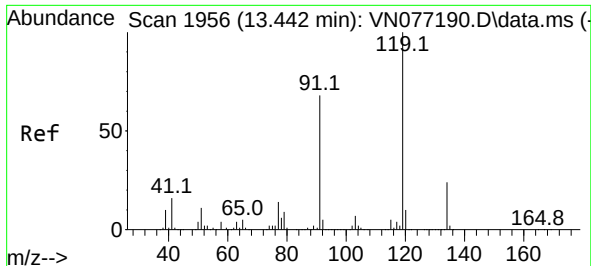
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#82
4-Chlorotoluene
Concen: 9.300 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 91 Resp: 128291
Ion Ratio Lower Upper
91 100
126 32.3 18.0 54.0





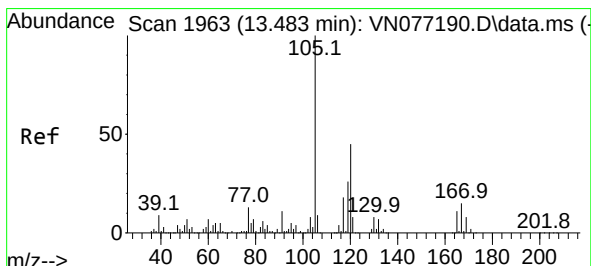
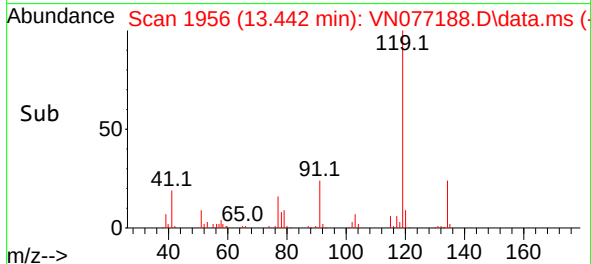
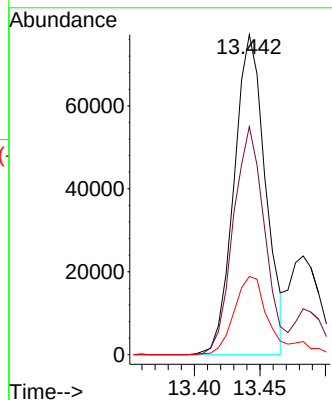
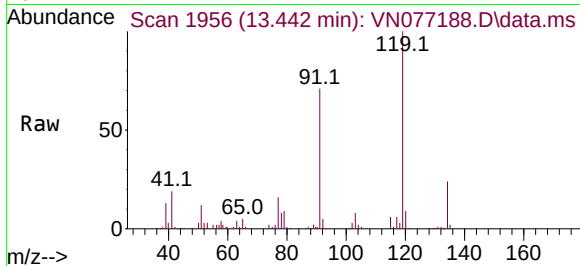
#83
tert-Butylbenzene
Concen: 8.906 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 128552
Ion Ratio Lower Upper
119 100
91 72.0 31.9 95.5
134 28.3 13.8 41.4

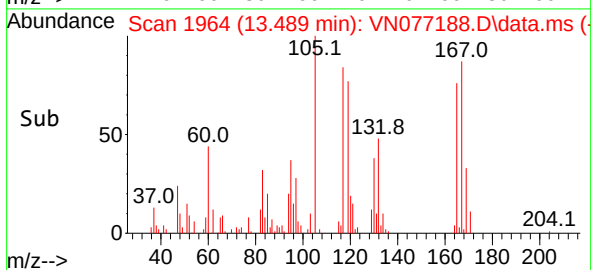
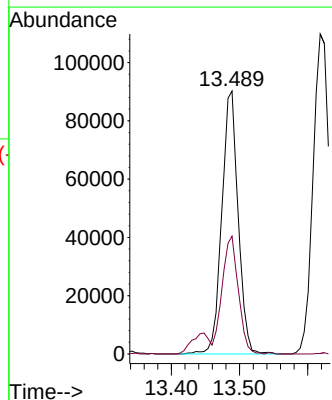
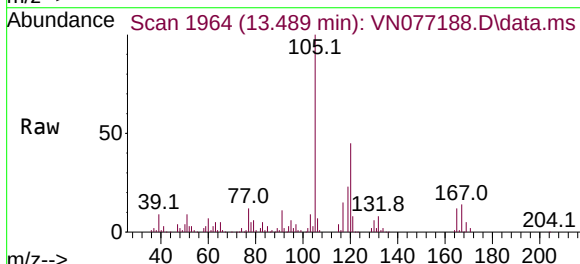
Manual Integrations
APPROVED

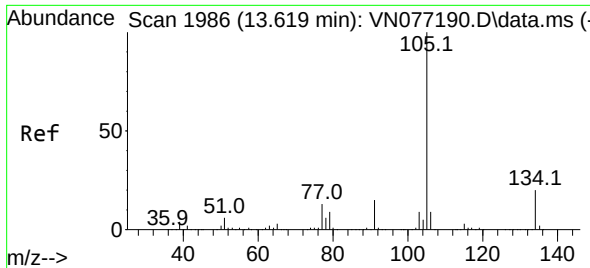
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#84
1,2,4-Trimethylbenzene
Concen: 8.988 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion:105 Resp: 150738
Ion Ratio Lower Upper
105 100
120 44.3 23.6 70.8





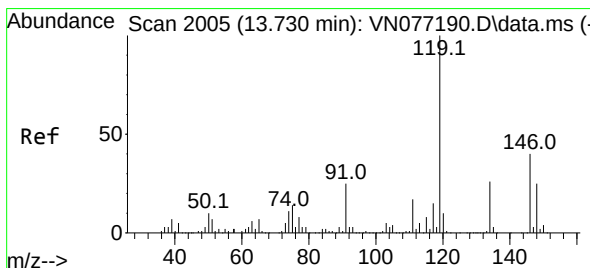
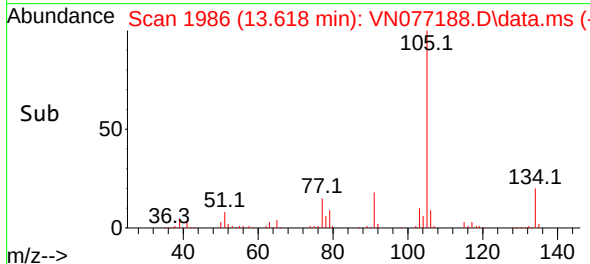
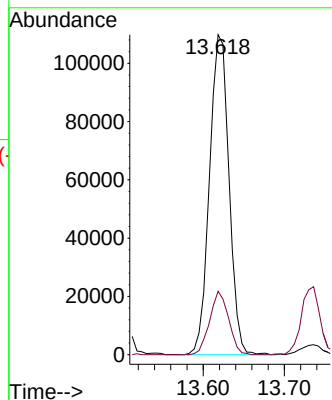
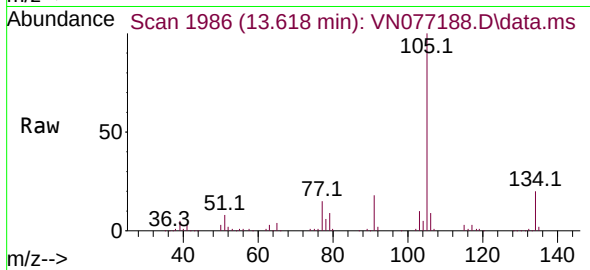
#85
 sec-Butylbenzene
 Concen: 8.901 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN077188.D
 Acq: 24 Mar 2023 21:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 18324
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.2

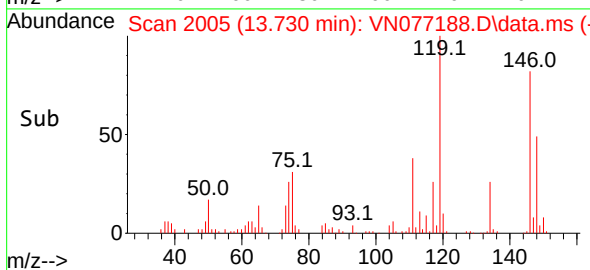
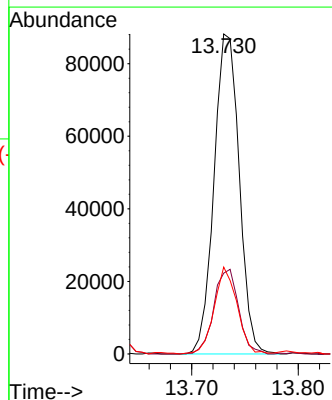
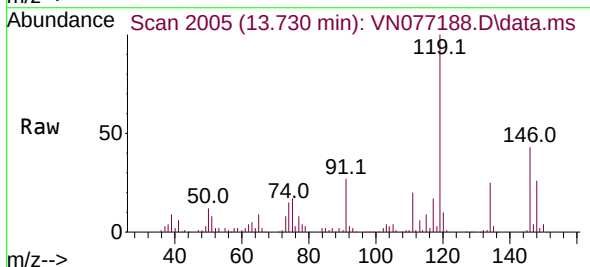
Manual Integrations
 APPROVED

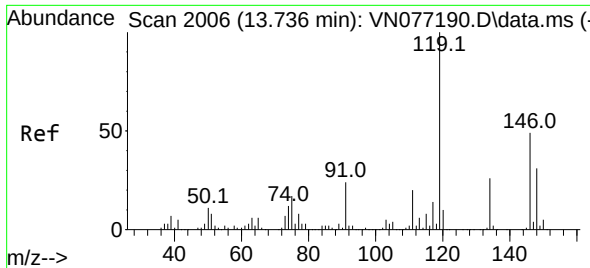
Reviewed By :Semsettin Yesilyurt 03/27/2023
 Supervised By :Mahesh Dadoda 03/27/2023



#86
 p-Isopropyltoluene
 Concen: 8.779 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077188.D
 Acq: 24 Mar 2023 21:18

Tgt Ion:119 Resp: 144760
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.5 40.5
 91 24.8 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 9.328 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

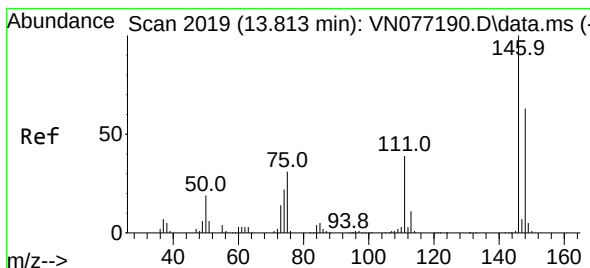
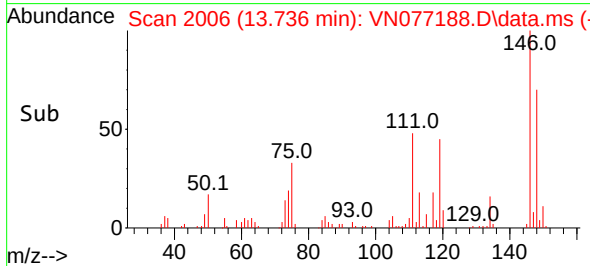
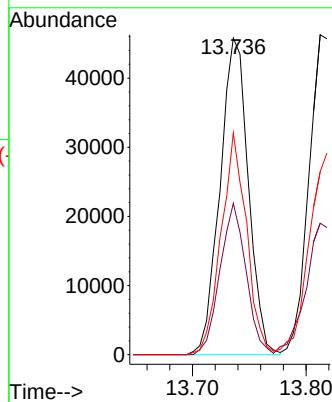
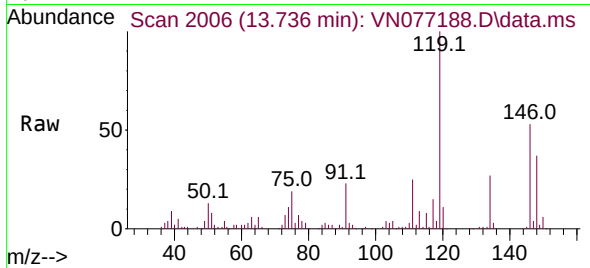
VSTDICC010

Tgt Ion:146 Resp: 79436
 Ion Ratio Lower Upper
 146 100
 111 43.9 20.4 61.2
 148 62.8 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: 9.233 ug/l

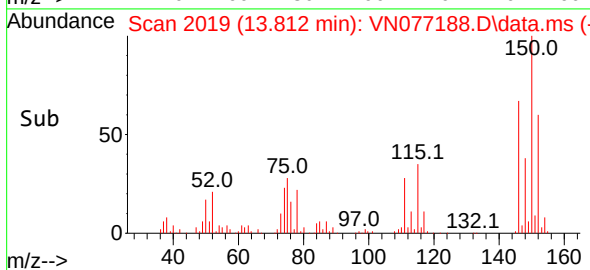
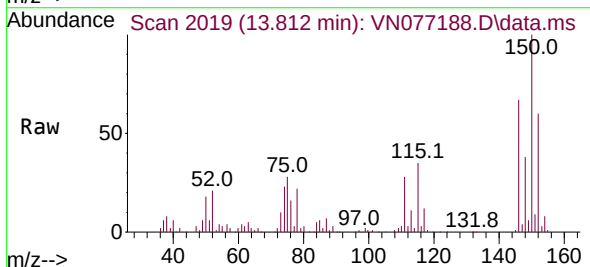
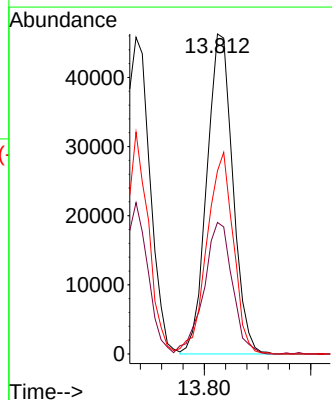
RT: 13.812 min Scan# 2019

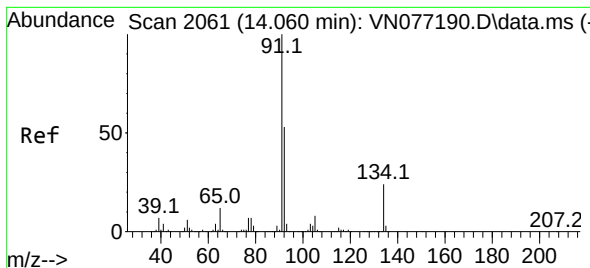
Delta R.T. -0.001 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Tgt Ion:146 Resp: 78635
 Ion Ratio Lower Upper
 146 100
 111 44.9 20.0 60.0
 148 64.1 31.8 95.4





#89

n-Butylbenzene

Concen: 7.999 ug/l

RT: 14.059 min Scan# 2061

Delta R.T. -0.001 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

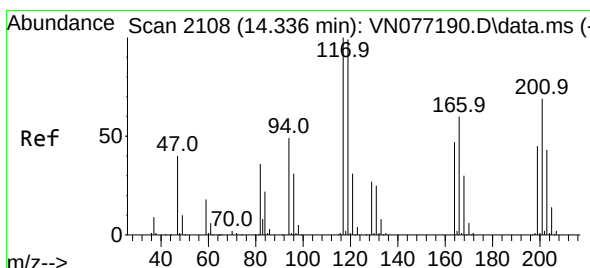
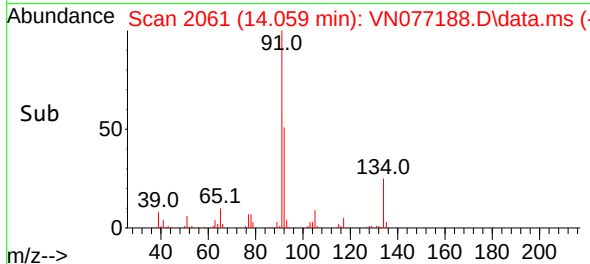
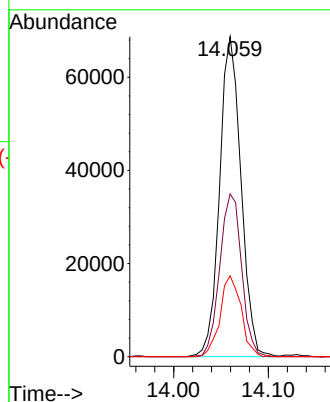
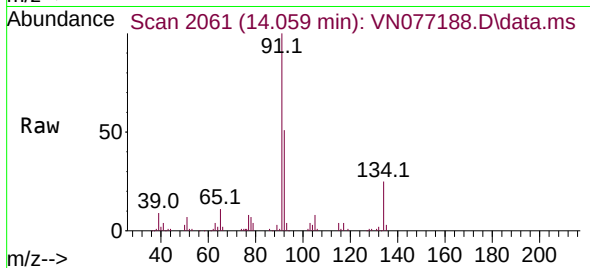
VSTDICC010

Tgt Ion: 91	Resp: 10812
Ion Ratio	Lower Upper
91	100
92	51.9 26.6 79.7
134	24.9 13.6 40.7

Manual Integrations

APPROVED

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



#90

Hexachloroethane

Concen: 9.070 ug/l

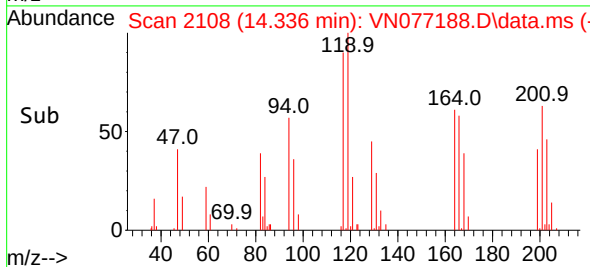
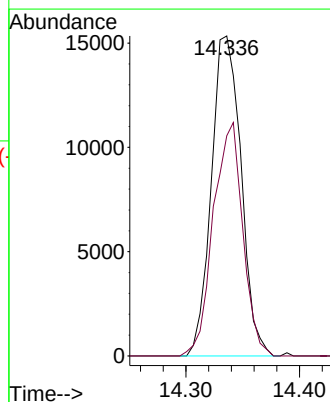
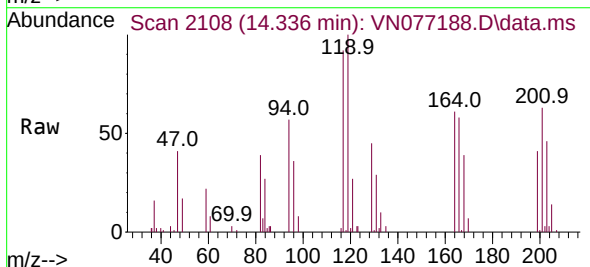
RT: 14.336 min Scan# 2108

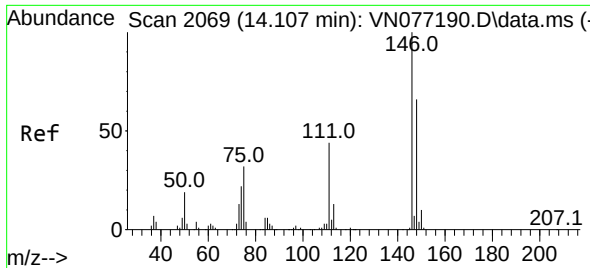
Delta R.T. -0.000 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Tgt Ion:117	Resp: 27868
Ion Ratio	Lower Upper
117	100
201	72.4 31.9 95.7





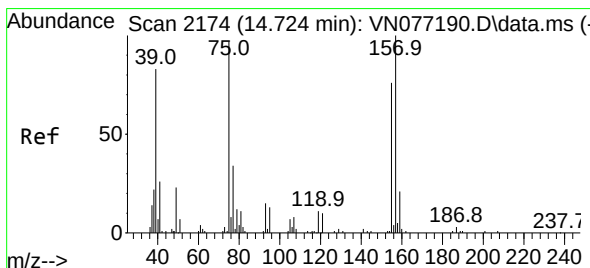
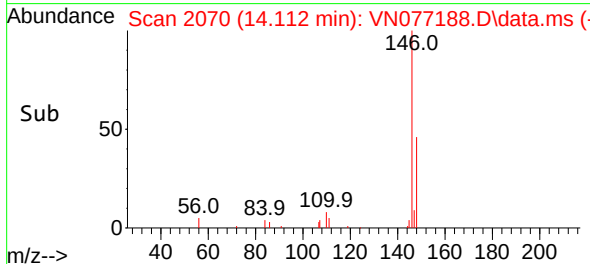
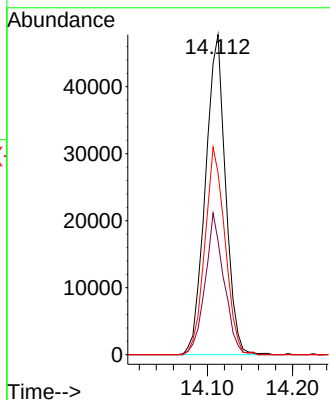
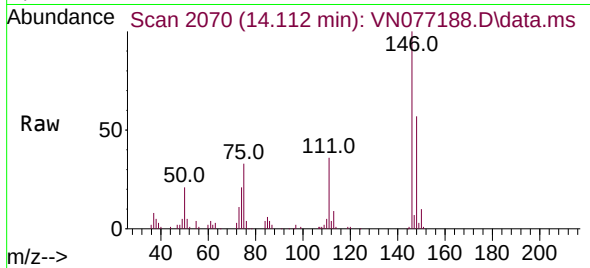
#91
1,2-Dichlorobenzene
Concen: 9.224 ug/l
RT: 14.112 min Scan# 2069
Delta R.T. 0.005 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 7834
Ion Ratio Lower Upper
146 100
111 41.5 21.4 64.2
148 64.8 32.0 96.0

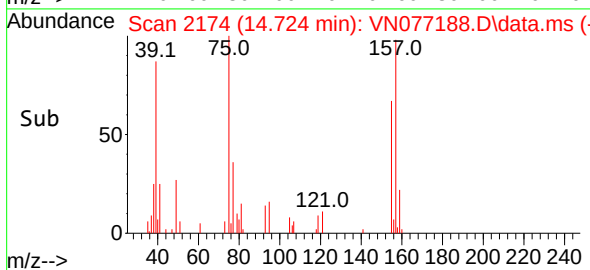
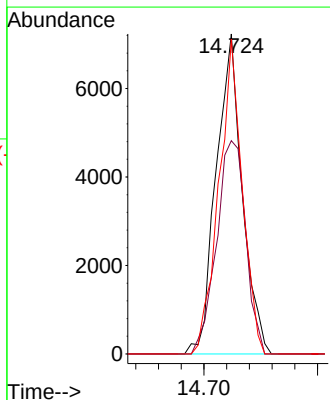
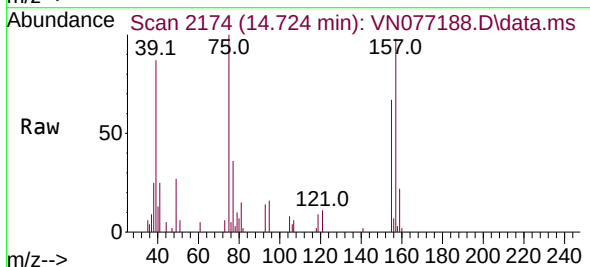
Manual Integrations
APPROVED

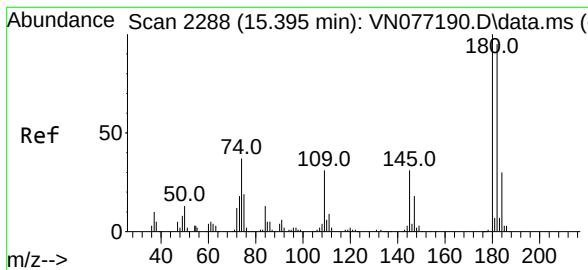
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.485 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 75 Resp: 11489
Ion Ratio Lower Upper
75 100
155 74.8 44.3 132.8
157 88.8 58.3 174.8





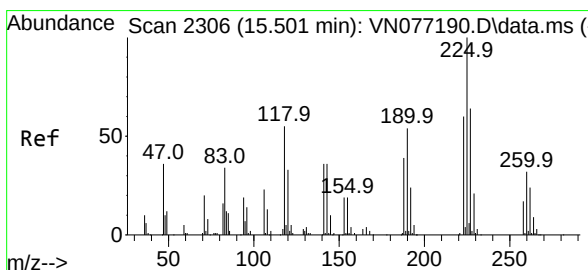
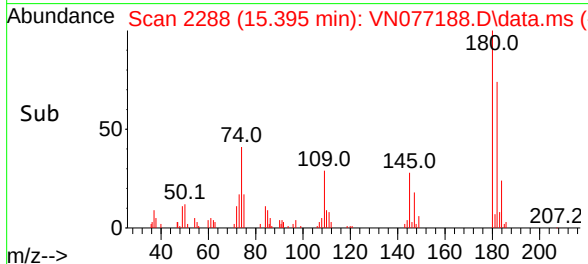
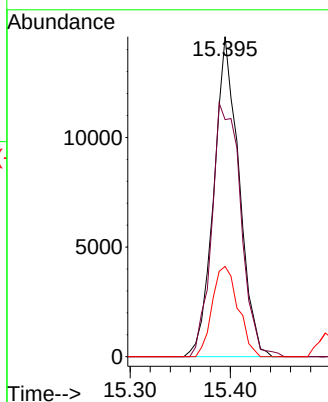
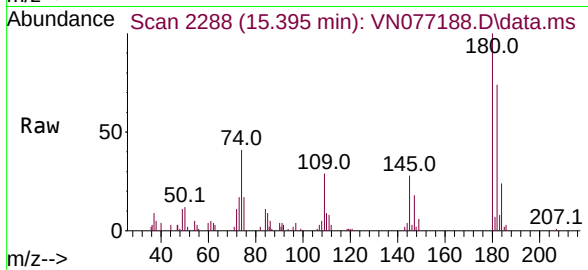
#93
1,2,4-Trichlorobenzene
Concen: 9.976 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:180 Resp: 2538
Ion Ratio Lower Upper
180 100
182 91.0 47.4 142.2
145 29.0 15.8 47.3

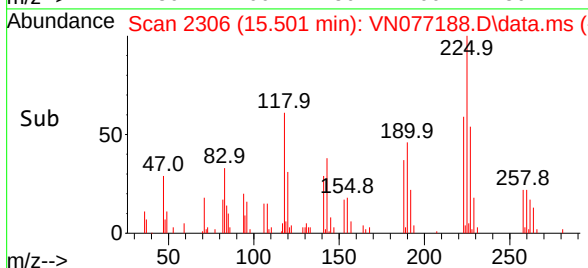
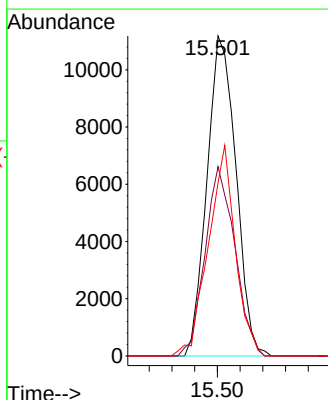
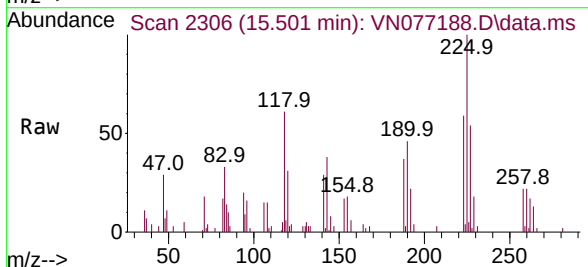
Manual Integrations
APPROVED

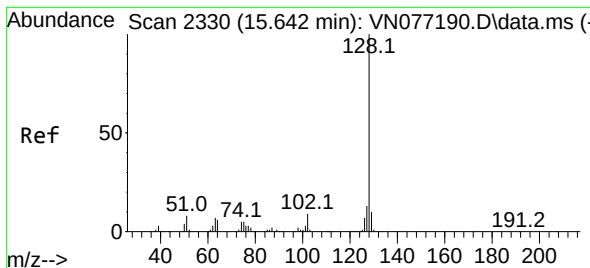
Reviewed By :Semsettin Yesilyurt 03/27/2023
Supervised By :Mahesh Dadoda 03/27/2023



#94
Hexachlorobutadiene
Concen: 9.211 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion:225 Resp: 19846
Ion Ratio Lower Upper
225 100
223 60.8 31.4 94.0
227 61.2 30.9 92.7





#95

Naphthalene

Concen: 10.058 ug/l

RT: 15.648 min Scan# 2330

Delta R.T. 0.006 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

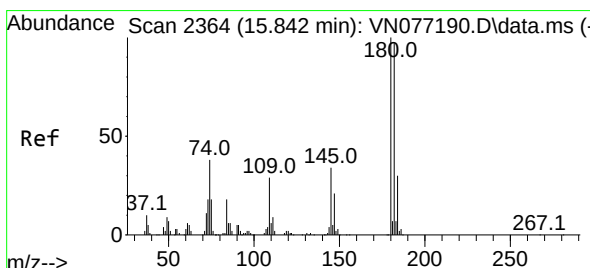
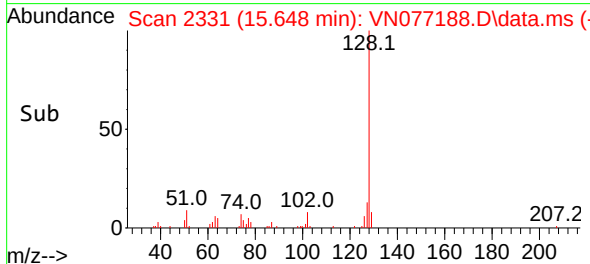
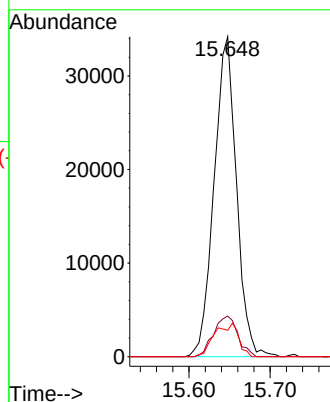
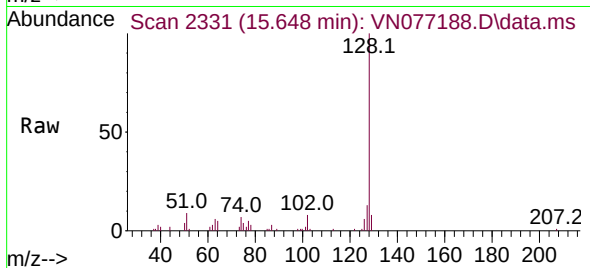
VSTDIC010

Tgt Ion:128	Resp: 6558
Ion Ratio	Lower Upper
128 100	
127 13.7	10.2 15.4
129 11.2	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: 10.280 ug/l

RT: 15.848 min Scan# 2365

Delta R.T. 0.006 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Tgt Ion:180	Resp: 25296
Ion Ratio	Lower Upper
180 100	
182 89.7	47.7 143.1
145 30.3	17.0 51.0

