

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032423\
 Data File : VN077173.D
 Acq On : 24 Mar 2023 10:43
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/27/2023
 Supervised By : Semsettin Yesilyurt 03/27/2023

Quant Time: Mar 24 23:26:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 24 05:55:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	39844	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.101	114	273799	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	305925	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	125114	30.920	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.067%			
60) 4-Bromofluorobenzene	12.854	95	166298	30.259	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.867%			
63) Toluene-d8	10.566	98	338574	31.003	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.333%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	61202	23.328	ug/l	99
3) Chloromethane	2.378	50	84355	20.204	ug/l	95
4) Vinyl Chloride	2.531	62	114365	19.428	ug/l	97
5) Bromomethane	2.966	94	119115	28.859	ug/l	98
6) Chloroethane	3.137	64	119293	24.309	ug/l	97
7) Trichlorofluoromethane	3.513	101	166327	19.628	ug/l	96
8) Diethyl Ether	3.972	74	58072	19.531	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	92659	20.912	ug/l	99
10) 1,1-Dichloroethene	4.354	96	86400	20.840	ug/l	85
11) Methyl Iodide	4.601	142	89491	20.268	ug/l	98
12) Methyl Acetate	5.043	43	171783	19.215	ug/l	98
13) Acrolein	4.190	56	114042	94.129	ug/l	95
14) Acrylonitrile	5.731	53	256500	94.582	ug/l	97
15) Acetone	4.437	58	79402	111.976	ug/l	91
16) Carbon Disulfide	4.731	76	239443	20.449	ug/l	100
17) Allyl chloride	5.037	41	137449	18.850	ug/l	93
18) Methylene Chloride	5.290	84	104147	20.440	ug/l	89
19) trans-1,2-Dichloroethene	5.795	96	89486	20.147	ug/l	89
20) Diisopropyl ether	6.684	45	351213	21.262	ug/l #	92
21) 1,1-Dichloroethane	6.572	63	194581	20.923	ug/l	96
22) cis-1,2-Dichloroethene	7.489	96	110865	21.140	ug/l	98
23) tert-Butyl Alcohol	5.525	59	77219	83.887	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	288461	19.597	ug/l	99
25) Chloroform	7.972	83	191891	21.088	ug/l	98
26) Cyclohexane	8.260	56	158333	20.186	ug/l #	96
29) 1,1-Dichloropropene	8.378	75	136187	20.504	ug/l	98
30) 2-Butanone	7.489	43	379084	98.933	ug/l	97
31) 2,2-Dichloropropane	7.495	77	146264	23.508	ug/l #	64
32) 1,1,1-Trichloroethane	8.178	97	160182	20.002	ug/l	99
33) Carbon Tetrachloride	8.372	117	138366	20.567	ug/l	92
34) Benzene	8.613	78	417023	20.483	ug/l	96
35) Methacrylonitrile	7.789	41	83232	19.788	ug/l	94
36) 1,2-Dichloroethane	8.672	62	160431	21.374	ug/l	100
37) Trichloroethene	9.354	130	94165	20.458	ug/l	99
38) Methylcyclohexane	9.607	83	158438	20.039	ug/l	96
39) 1,2-Dichloropropane	9.625	63	112082	20.564	ug/l	94
40) Dibromomethane	9.713	93	72968	20.935	ug/l	99
41) Bromodichloromethane	9.889	83	146381	20.624	ug/l	99
42) Vinyl Acetate	6.613	43	1127156	98.139	ug/l	99

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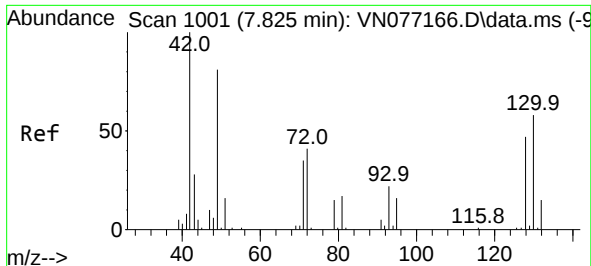
Manual Integrations
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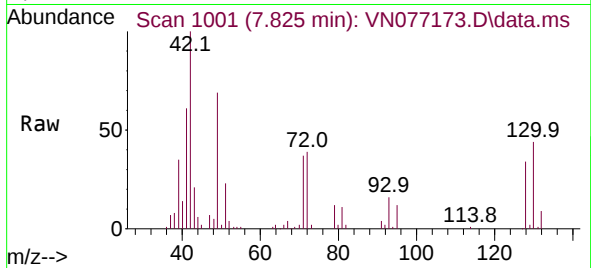
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.572	43	147508	19.270	ug/l	97
44) Isopropyl Acetate	8.689	43	228230	18.475	ug/l	99
45) 1,4-Dioxane	9.695	88	38620	384.481	ug/l	98
46) Methyl methacrylate	9.683	41	114274	20.063	ug/l	92
47) n-amyl Acetate	12.501	43	184647	17.766	ug/l	96
48) t-1,3-Dichloropropene	10.836	75	140607	19.504	ug/l	99
49) cis-1,3-Dichloropropene	10.313	75	162662	20.610	ug/l	100
50) 1,1,2-Trichloroethane	11.019	97	97093	19.845	ug/l	98
51) Ethyl methacrylate	10.878	69	141486	18.729	ug/l	96
52) 1,3-Dichloropropane	11.166	76	177561	20.445	ug/l	98
53) Dibromochloromethane	11.360	129	102322	20.199	ug/l	97
54) 1,2-Dibromoethane	11.472	107	97481	20.247	ug/l	96
55) 2-Chloroethyl vinyl ether	10.166	63	290707	92.041	ug/l	98
56) Bromoform	12.583	173	67056	18.864	ug/l	99
58) 4-Methyl-2-Pentanone	10.448	43	745196	94.381	ug/l	98
59) 2-Hexanone	11.201	43	538641	93.563	ug/l	99
61) Tetrachloroethene	11.107	164	76693	19.974	ug/l	95
62) Toluene	10.636	91	437143	20.331	ug/l	99
64) Chlorobenzene	11.895	112	261349	20.545	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.960	131	94296	20.185	ug/l	97
66) Ethyl Benzene	11.966	91	463335	20.055	ug/l	98
67) m/p-Xylenes	12.072	106	365691	41.131	ug/l	96
68) o-Xylene	12.401	106	174408	20.035	ug/l	98
69) Styrene	12.413	104	276655	19.572	ug/l	97
70) Isopropylbenzene	12.701	105	450908	19.975	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.942	83	151054	20.443	ug/l	97
72) 1,2,3-Trichloropropane	12.995	75	132637m	20.281	ug/l	
73) Bromobenzene	12.983	156	100240	19.863	ug/l	96
74) n-propylbenzene	13.036	91	528732	20.232	ug/l	100
75) 2-Chlorotoluene	13.130	91	319355	20.268	ug/l	98
76) 1,3,5-Trimethylbenzene	13.177	105	380270	20.295	ug/l	96
77) t-1,4-Dichloro-2-butene	12.742	75	40440	19.397	ug/l	89
78) 4-Chlorotoluene	13.224	91	295144	19.472	ug/l	97
79) tert-butylbenzene	13.442	119	316880	19.796	ug/l	97
80) 1,2,4-Trimethylbenzene	13.483	105	371466	19.977	ug/l	99
81) sec-Butylbenzene	13.619	105	457403	19.790	ug/l	98
82) p-Isopropyltoluene	13.736	119	368786	19.905	ug/l	98
83) 1,3-Dichlorobenzene	13.736	146	188015	20.121	ug/l	100
84) 1,4-Dichlorobenzene	13.813	146	176263	19.364	ug/l	96
85) n-Butylbenzene	14.060	91	294893	18.831	ug/l	99
86) Hexachloroethane	14.336	117	68924	19.508	ug/l	94
87) 1,2-Dichlorobenzene	14.107	146	183306	19.617	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.724	75	25623	18.073	ug/l	94
89) 1,2,4-Trichlorobenzene	15.395	180	69010	16.555	ug/l	94
90) Hexachlorobutadiene	15.507	225	48400	20.581	ug/l	95
91) Naphthalene	15.648	128	215503	15.754	ug/l	98
92) 1,2,3-Trichlorobenzene	15.842	180	71707	17.323	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

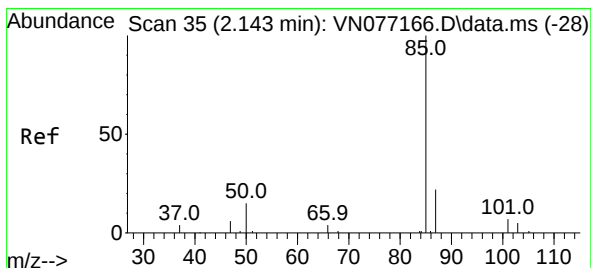
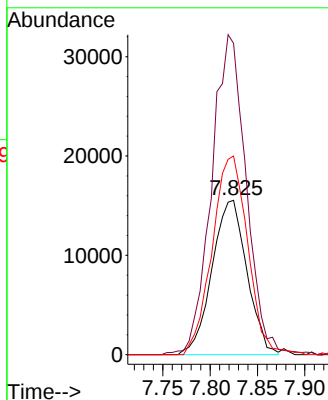
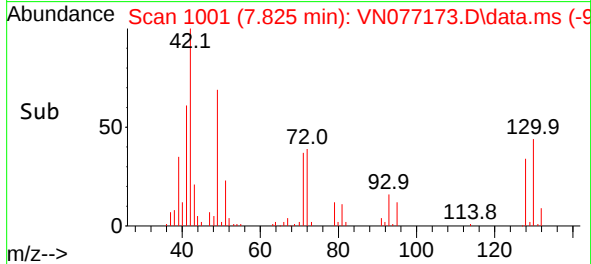
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



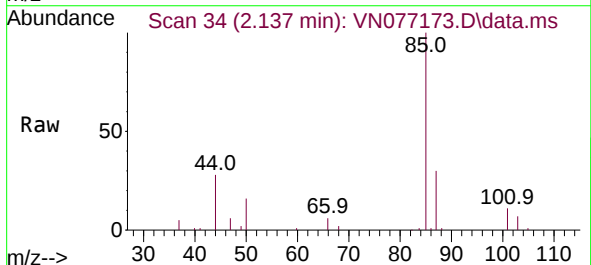
Tgt Ion:128 Resp: 3984
Ion Ratio Lower Upper
128 100
49 204.4 0.0 461.8
130 131.1 0.0 295.3

Manual Integrations
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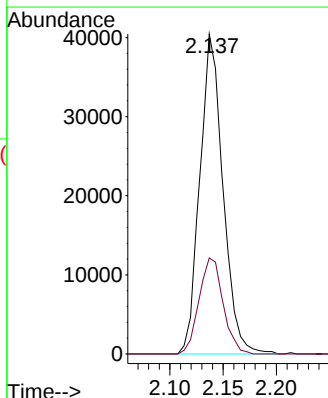
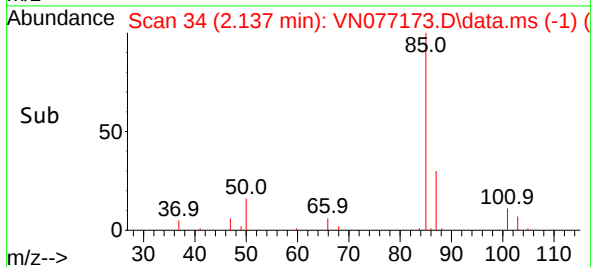
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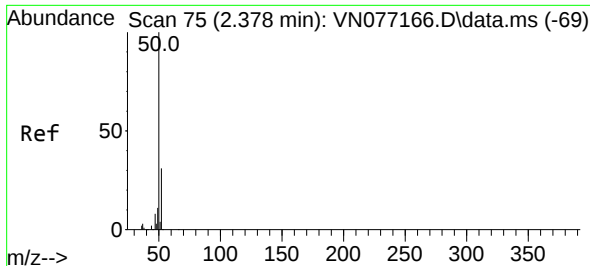


#2
Dichlorodifluoromethane
Concen: 23.328 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.006 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43



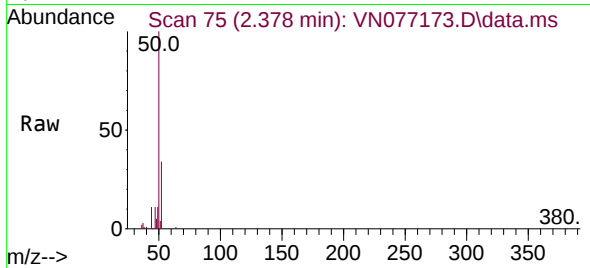
Tgt Ion: 85 Resp: 61202
Ion Ratio Lower Upper
85 100
87 30.0 15.4 46.1





#3
Chloromethane
Concen: 20.204 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

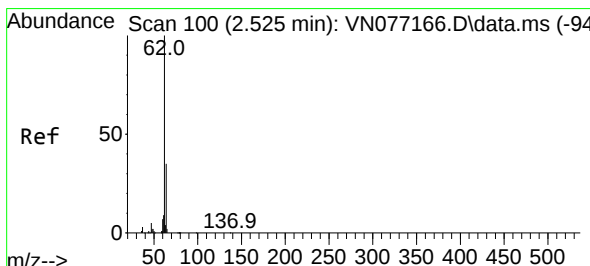
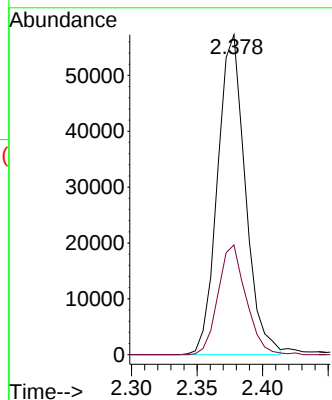
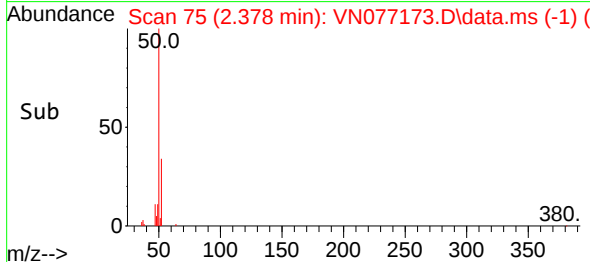
Instrument :
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ClientSampleId :
VSTDCCC020



Tgt Ion: 50 Resp: 8435
Ion Ratio Lower Upper
50 100
52 34.3 25.3 37.9

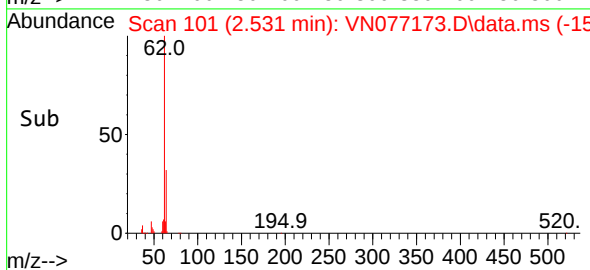
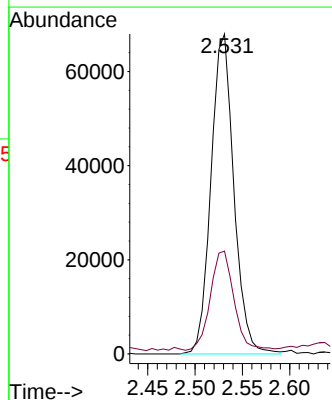
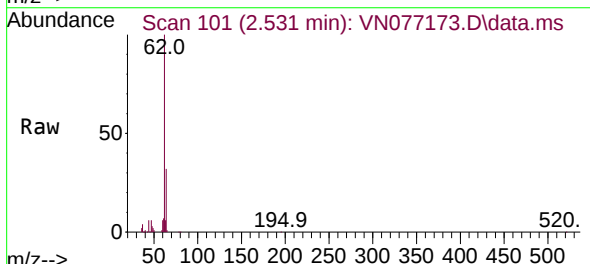
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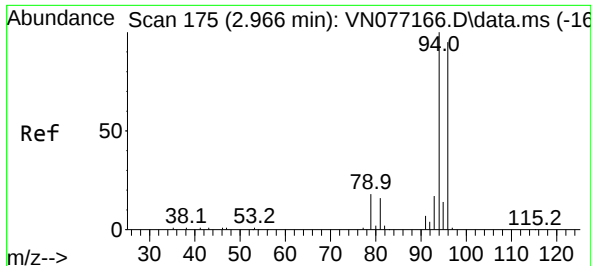
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#4
Vinyl Chloride
Concen: 19.428 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Tgt Ion: 62 Resp: 114365
Ion Ratio Lower Upper
62 100
64 30.6 23.1 34.7





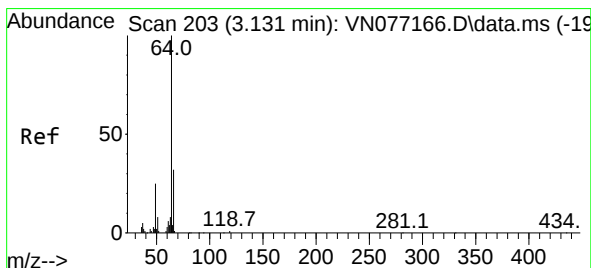
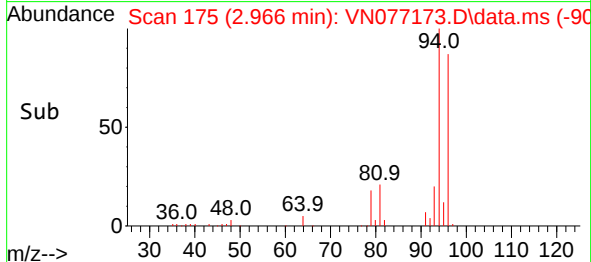
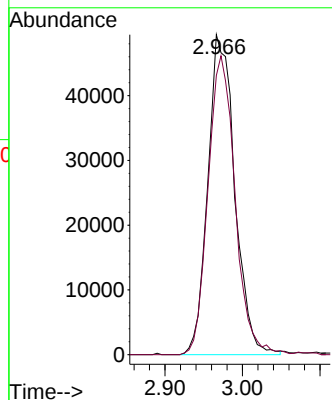
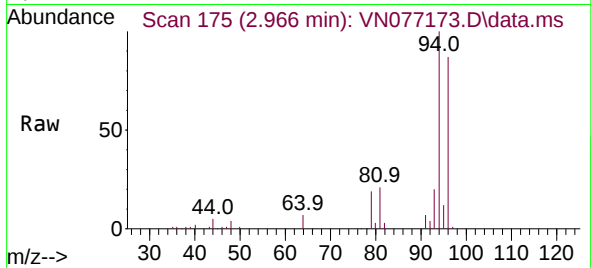
#5
Bromomethane
Concen: 28.859 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Instrument :
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Tgt Ion: 94 Resp: 11911
Ion Ratio Lower Upper
94 100
96 87.2 68.6 103.0

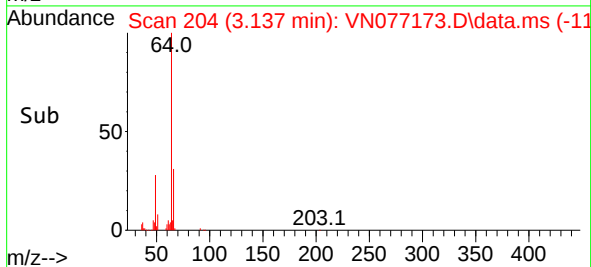
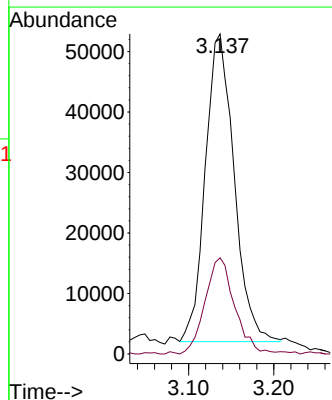
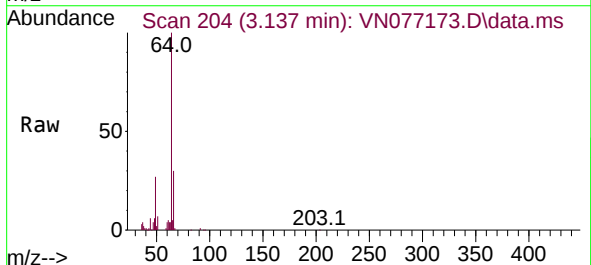
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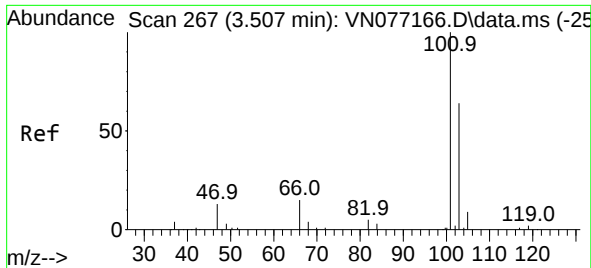
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#6
Chloroethane
Concen: 24.309 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.006 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Tgt Ion: 64 Resp: 119293
Ion Ratio Lower Upper
64 100
66 31.2 23.8 35.6





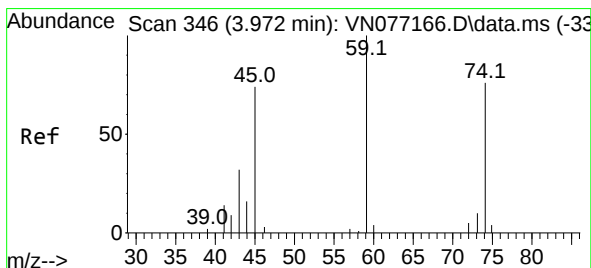
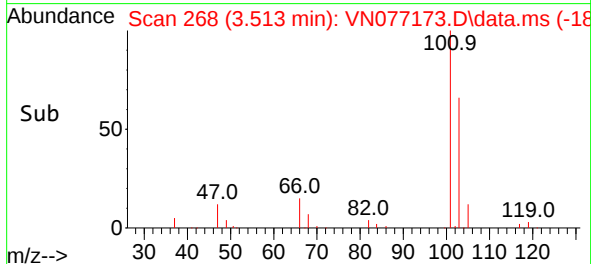
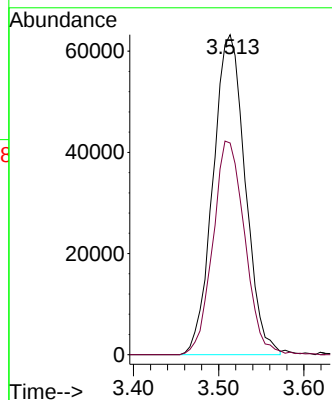
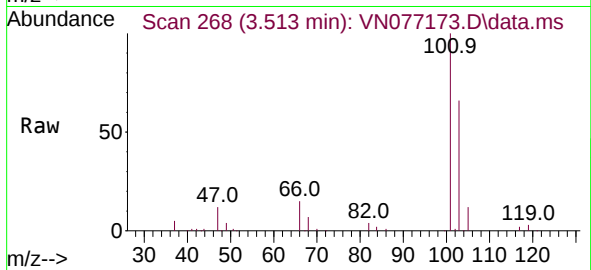
#7
Trichlorofluoromethane
Concen: 19.628 ug/l
RT: 3.513 min Scan# 268
Delta R.T. 0.006 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Instrument :
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Tgt Ion:101 Resp: 16632
Ion Ratio Lower Upper
101 100
103 66.1 50.2 75.2

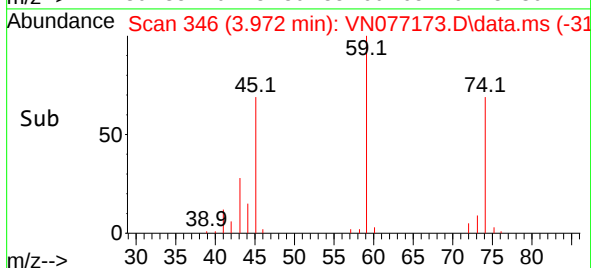
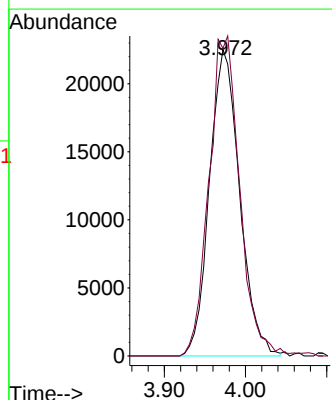
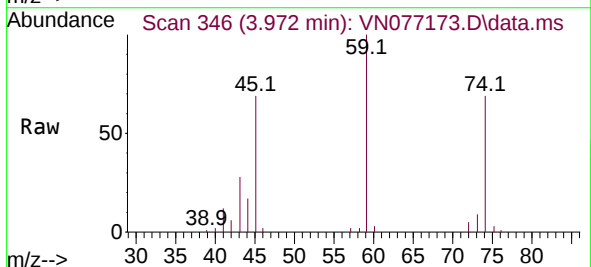
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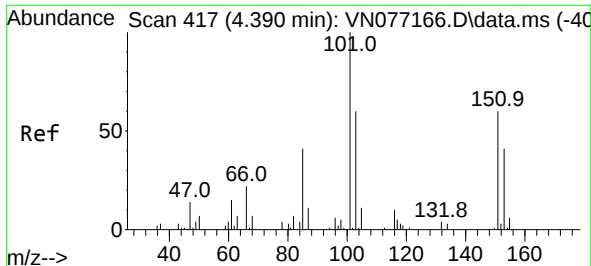
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#8
Diethyl Ether
Concen: 19.531 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Tgt Ion: 74 Resp: 58072
Ion Ratio Lower Upper
74 100
45 106.4 21.4 193.0





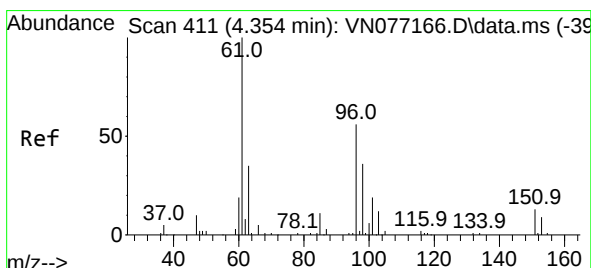
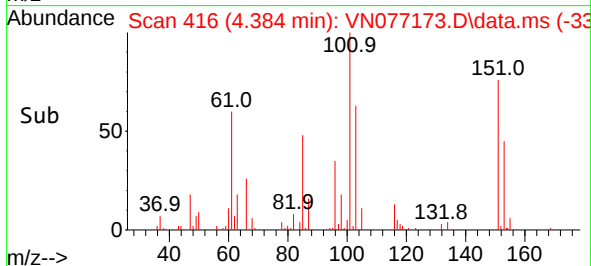
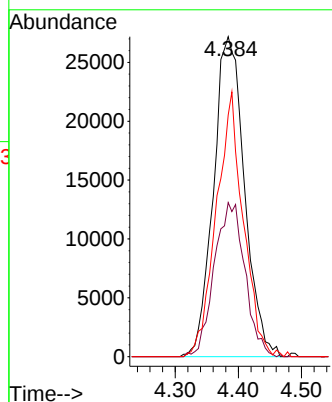
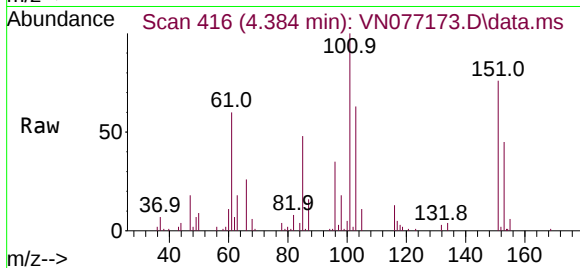
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.912 ug/l
RT: 4.384 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 92659
Ion Ratio Lower Upper
101 100
85 47.3 0.0 95.2
151 71.9 0.0 142.2

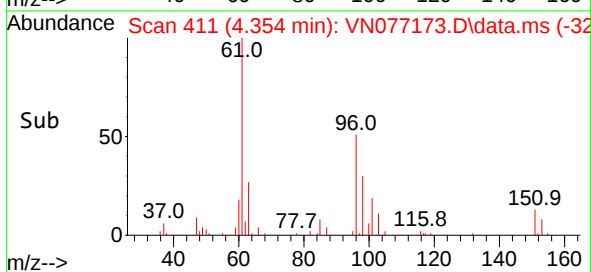
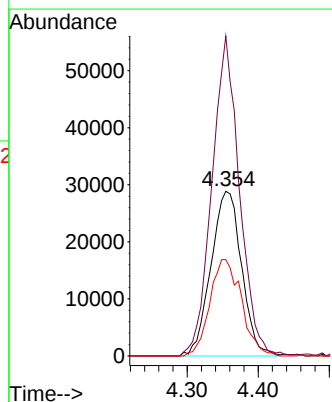
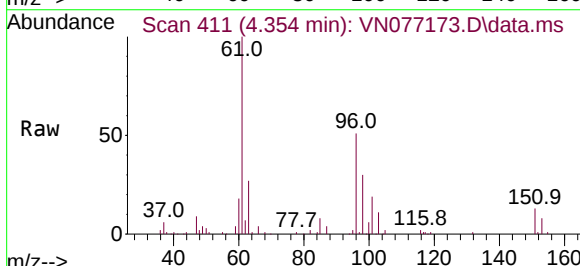
Manual Integrations
APPROVED

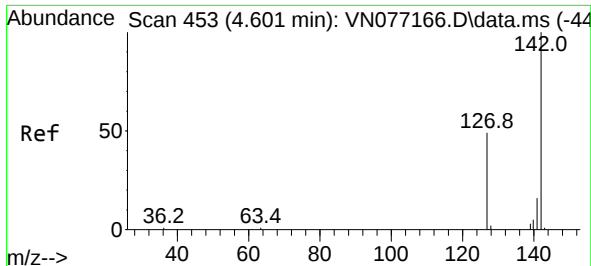
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#10
1,1-Dichloroethene
Concen: 20.840 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

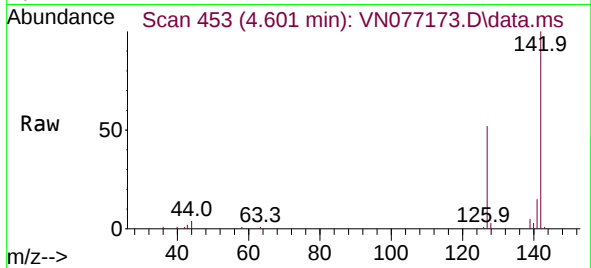
Tgt Ion: 96 Resp: 86400
Ion Ratio Lower Upper
96 100
61 194.3 137.1 205.7
98 58.5 53.2 79.8





#11
Methyl Iodide
Concen: 20.268 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

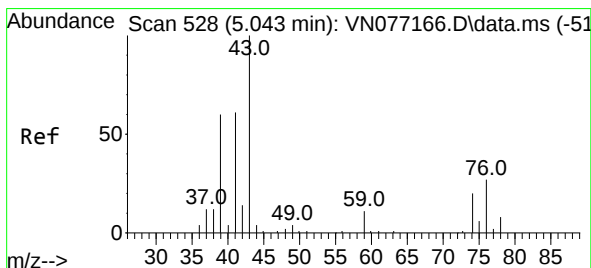
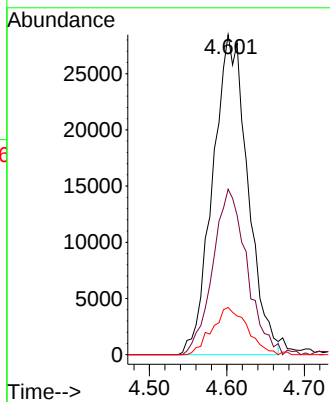
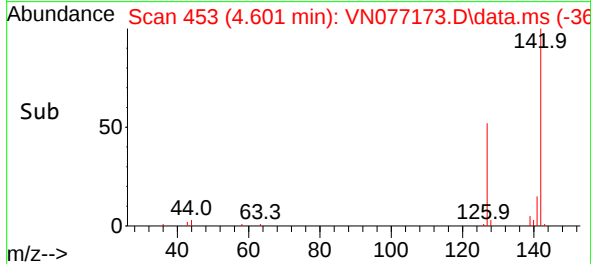
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



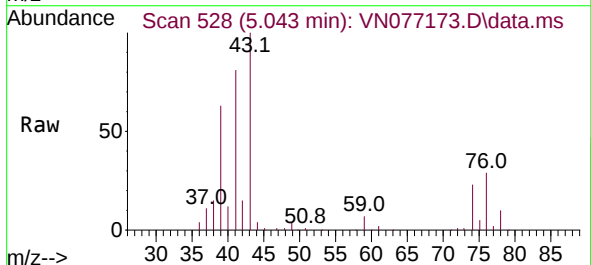
Tgt Ion:142 Resp: 8949
Ion Ratio Lower Upper
142 100
127 51.0 25.0 75.0
141 15.1 8.0 24.0

Manual Integrations
APPROVED

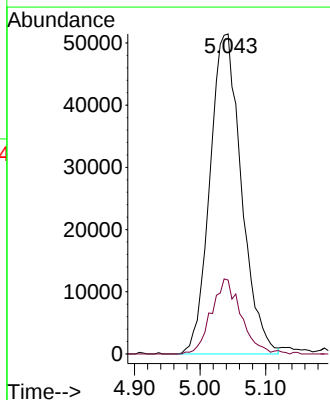
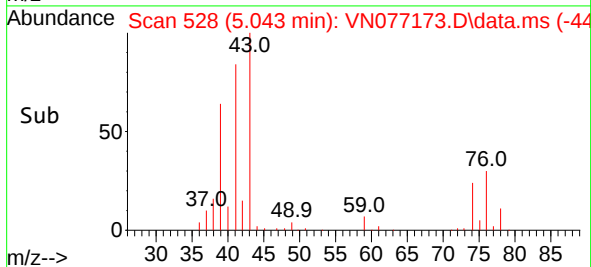
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

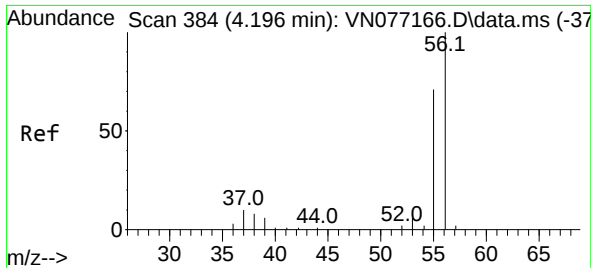


#12
Methyl Acetate
Concen: 19.215 ug/l
RT: 5.043 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43



Tgt Ion: 43 Resp: 171783
Ion Ratio Lower Upper
43 100
74 22.8 19.0 28.4





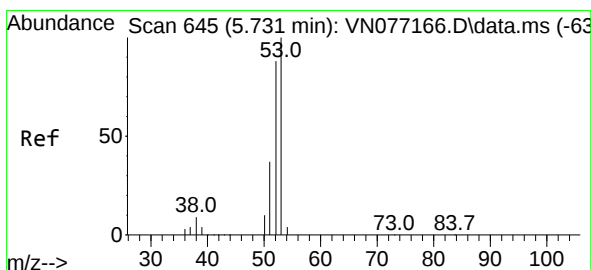
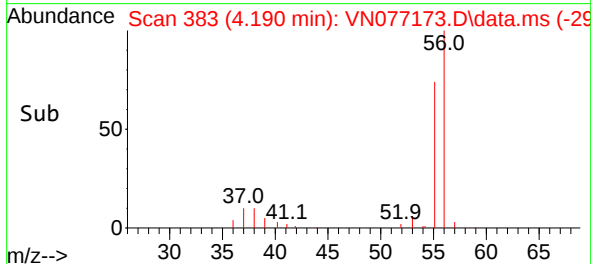
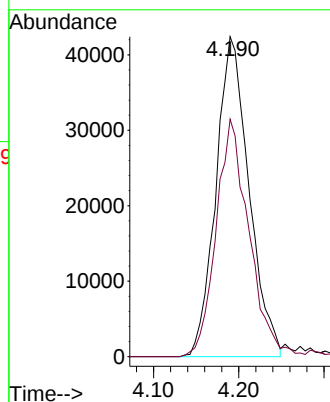
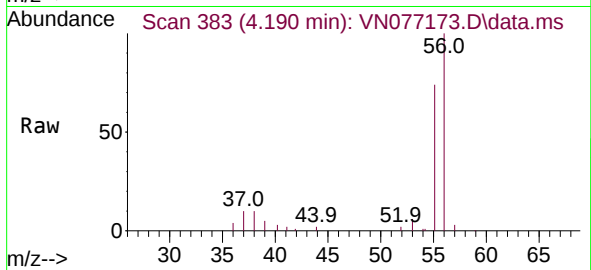
#13
Acrolein
Concen: 94.129 ug/l
RT: 4.190 min Scan# 384
Delta R.T. -0.006 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 56 Resp: 11404
Ion Ratio Lower Upper
56 100
55 72.8 55.0 82.4

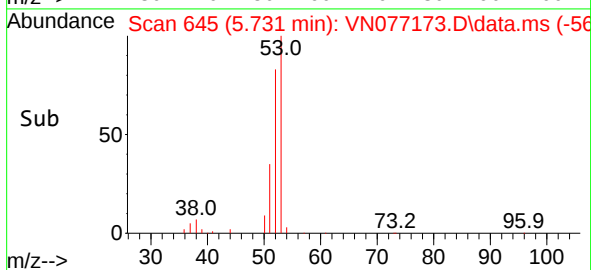
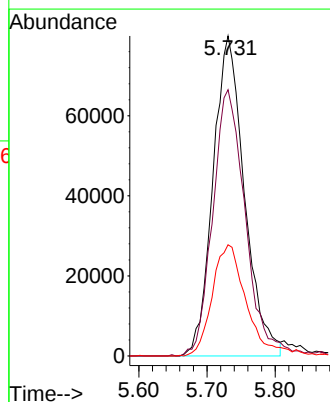
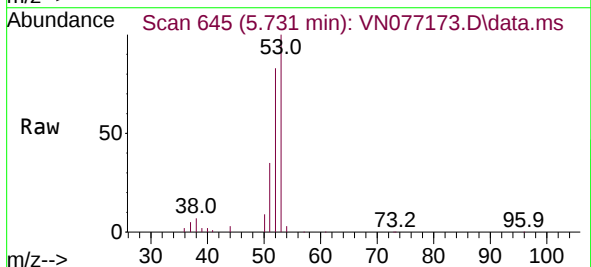
Manual Integrations
APPROVED

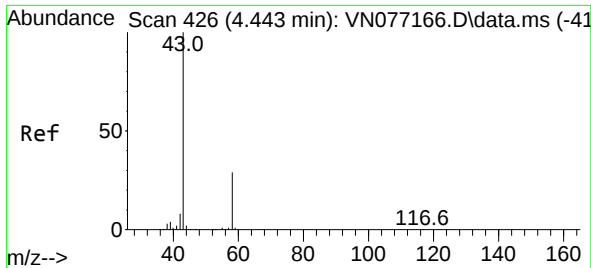
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#14
Acrylonitrile
Concen: 94.582 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Tgt Ion: 53 Resp: 256500
Ion Ratio Lower Upper
53 100
52 85.9 41.5 124.6
51 37.4 17.6 52.8





#15

Acetone

Concen: 111.976 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN077173.D

Acq: 24 Mar 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 58 Resp: 7940

Ion Ratio Lower Upper

58 100

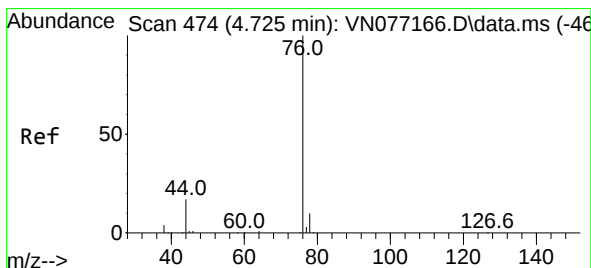
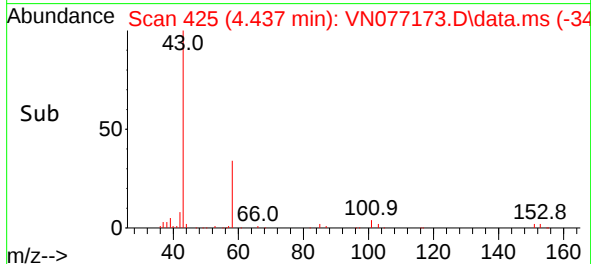
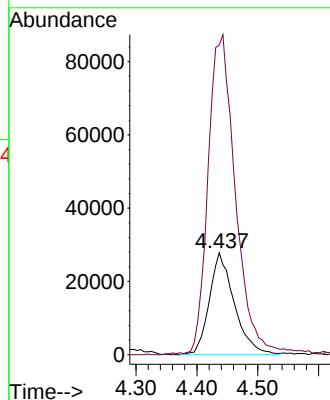
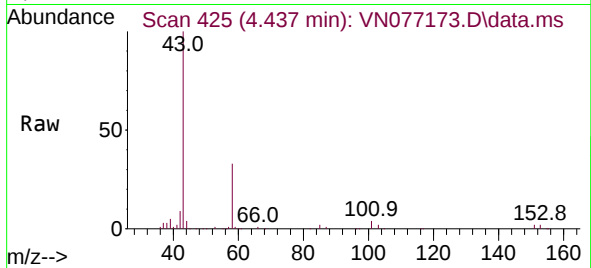
43 301.7 255.4 383.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#16

Carbon Disulfide

Concen: 20.449 ug/l

RT: 4.731 min Scan# 475

Delta R.T. 0.006 min

Lab File: VN077173.D

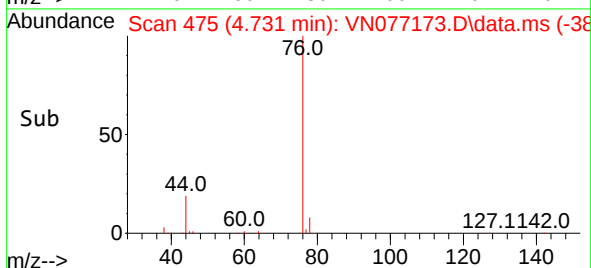
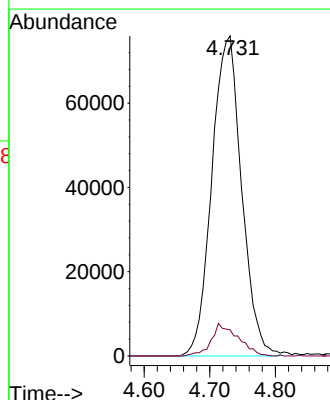
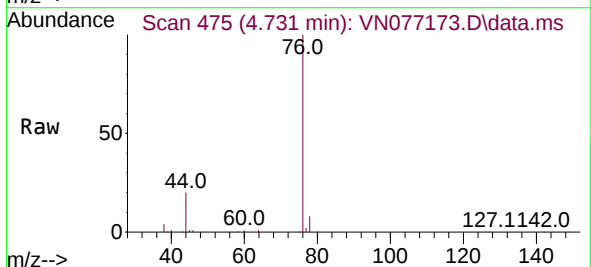
Acq: 24 Mar 2023 10:43

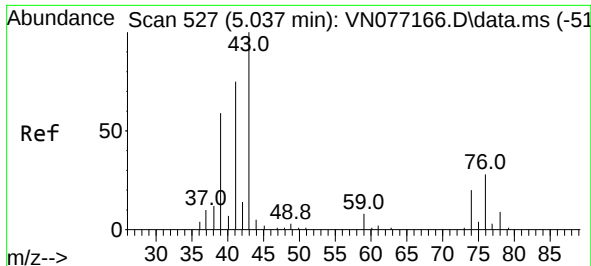
Tgt Ion: 76 Resp: 239443

Ion Ratio Lower Upper

76 100

78 8.2 6.6 9.8





#17
 Allyl chloride
 Concen: 18.850 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN077173.D
 Acq: 24 Mar 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

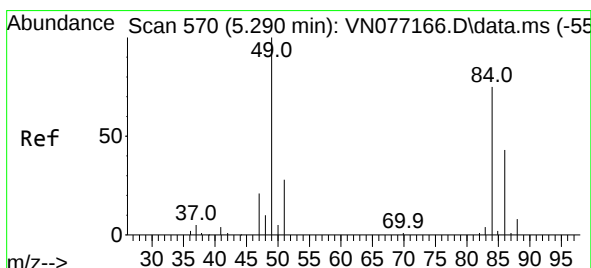
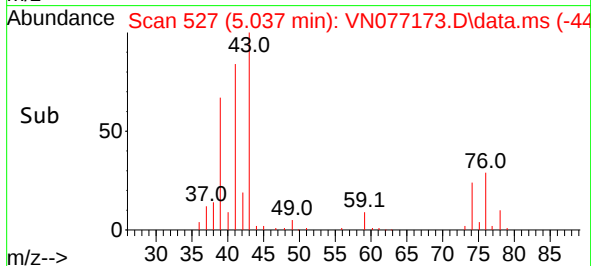
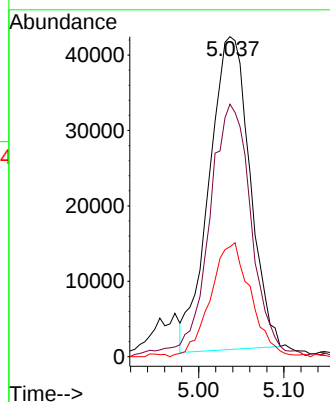
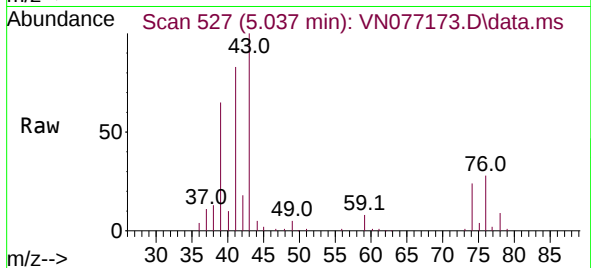
Tgt Ion: 41 Resp: 137449
 Ion Ratio Lower Upper
 41 100
 39 78.1 34.8 104.3
 76 34.5 17.5 52.5

Manual Integrations

APPROVED

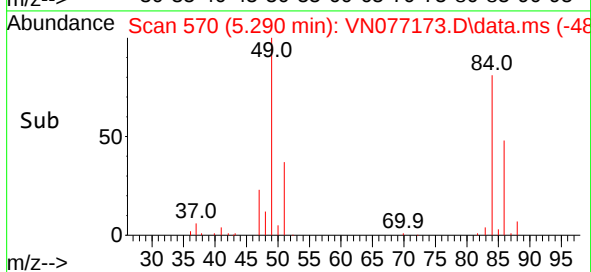
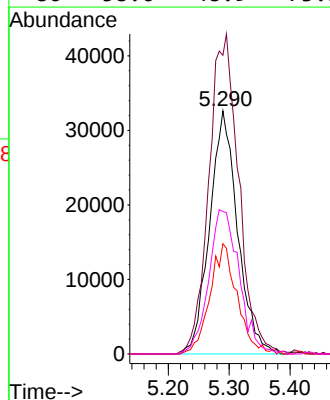
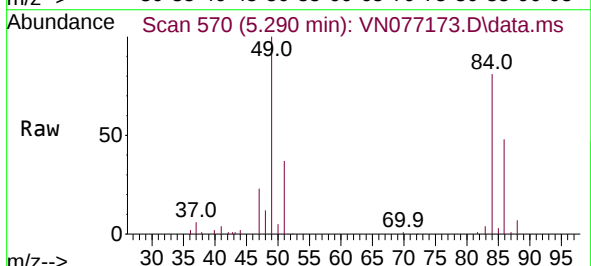
Reviewed By :John Carlone 03/27/2023

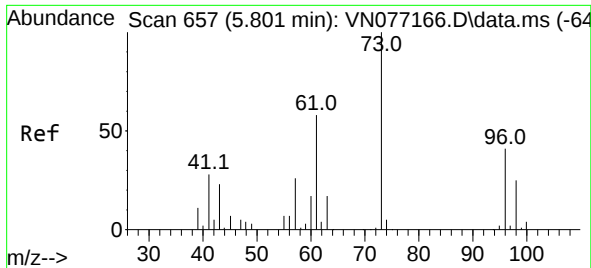
Supervised By :Semsettin Yesilyurt 03/27/2023



#18
 Methylene Chloride
 Concen: 20.440 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. -0.000 min
 Lab File: VN077173.D
 Acq: 24 Mar 2023 10:43

Tgt Ion: 84 Resp: 104147
 Ion Ratio Lower Upper
 84 100
 49 122.0 113.8 170.6
 51 45.3 34.2 51.4
 86 58.6 48.9 73.3





#19

trans-1,2-Dichloroethene

Concen: 20.147 ug/l

RT: 5.795 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN077173.D

Acq: 24 Mar 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 96 Resp: 8948

Ion Ratio Lower Upper

96 100

61 152.3 111.0 166.4

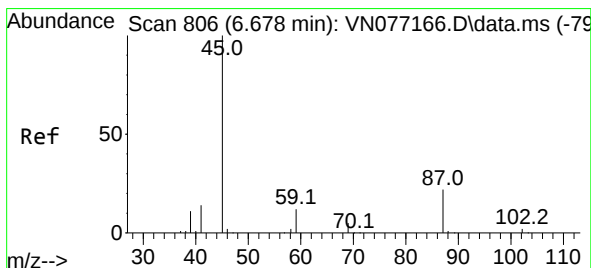
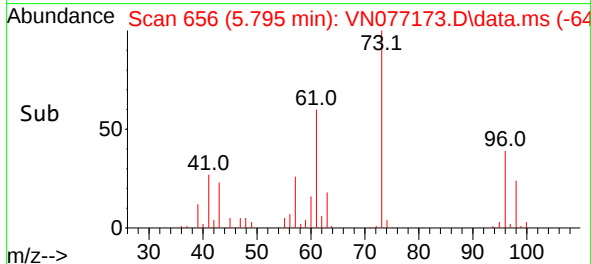
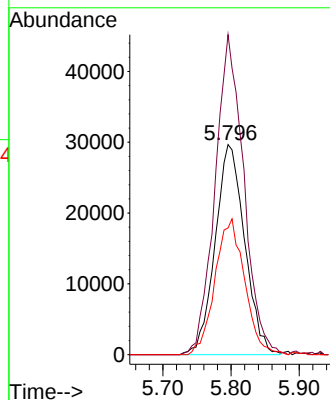
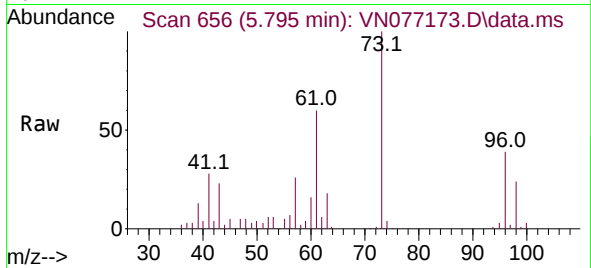
98 60.3 55.0 82.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#20

Diisopropyl ether

Concen: 21.262 ug/l

RT: 6.684 min Scan# 807

Delta R.T. 0.006 min

Lab File: VN077173.D

Acq: 24 Mar 2023 10:43

Tgt Ion: 45 Resp: 351213

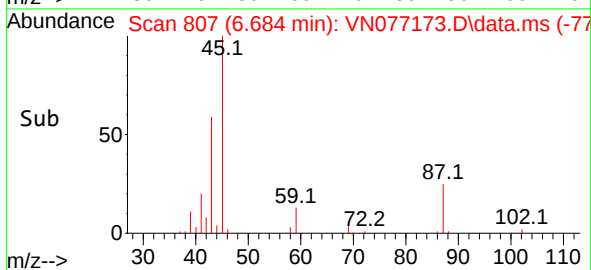
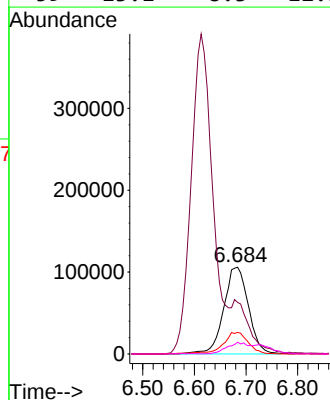
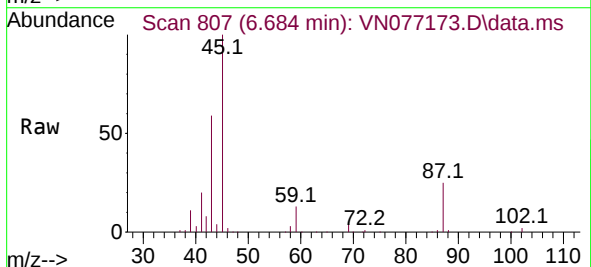
Ion Ratio Lower Upper

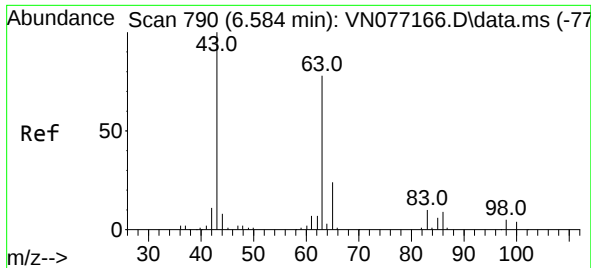
45 100

43 56.9 38.6 58.0

87 24.8 20.1 30.1

59 13.1 8.3 12.5





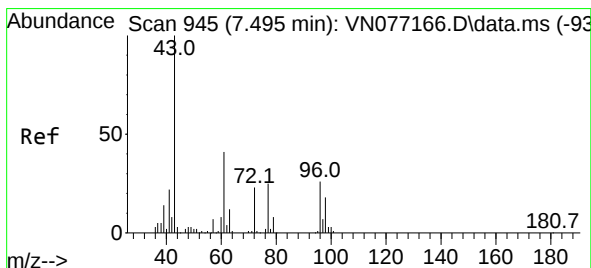
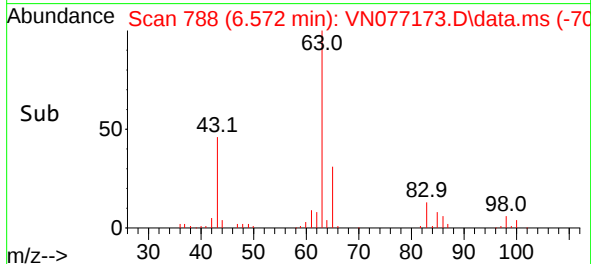
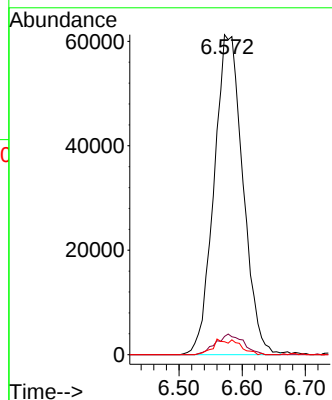
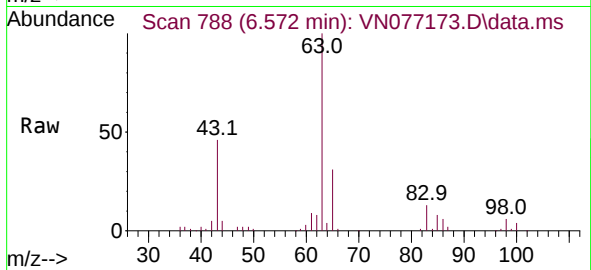
#21
1,1-Dichloroethane
Concen: 20.923 ug/l
RT: 6.572 min Scan# 790
Delta R.T. -0.012 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 19458
Ion Ratio Lower Upper
63 100
98 5.7 3.6 10.9
100 4.1 2.6 7.8

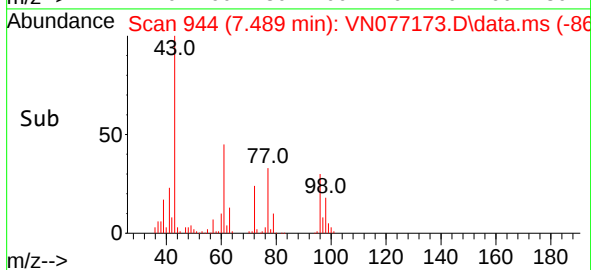
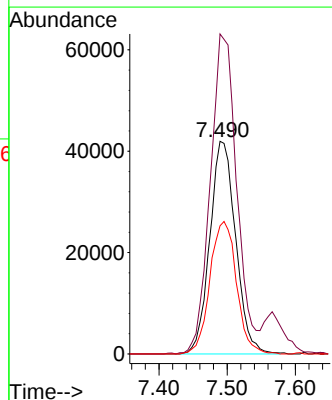
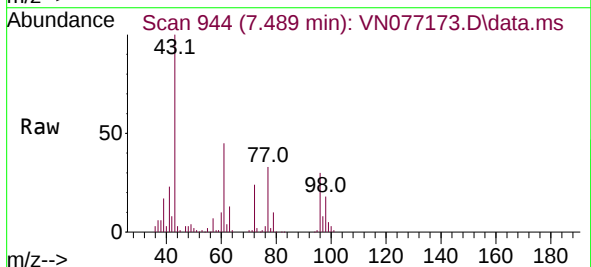
Manual Integrations
APPROVED

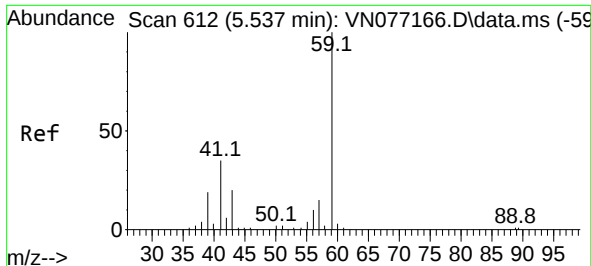
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#22
cis-1,2-Dichloroethene
Concen: 21.140 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Tgt Ion: 96 Resp: 110865
Ion Ratio Lower Upper
96 100
61 154.6 121.0 181.4
98 63.9 50.1 75.1





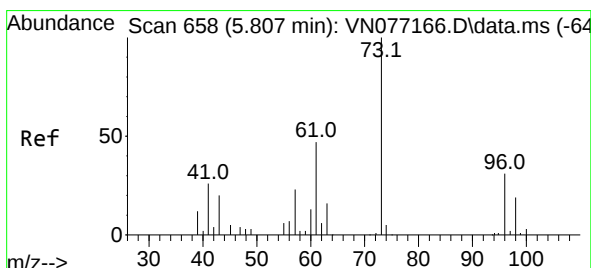
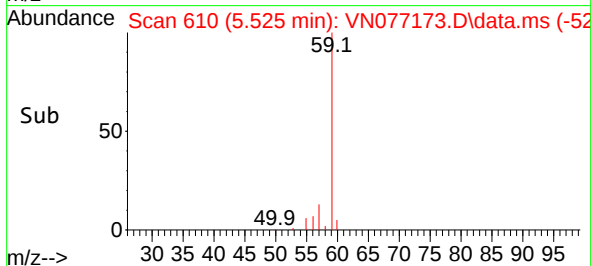
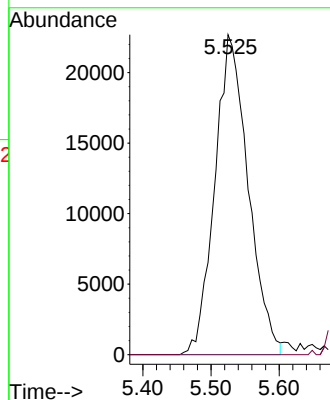
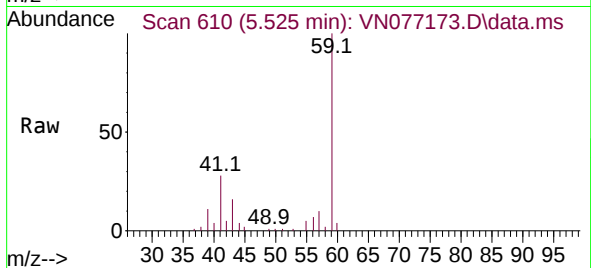
#23
tert-Butyl Alcohol
Concen: 83.887 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.012 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 77219
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

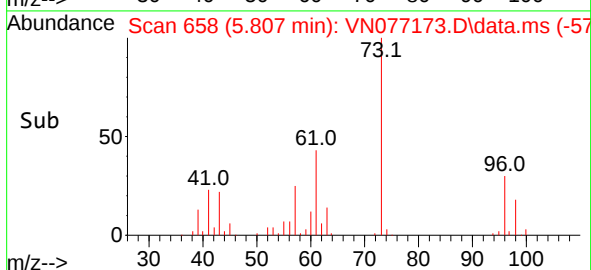
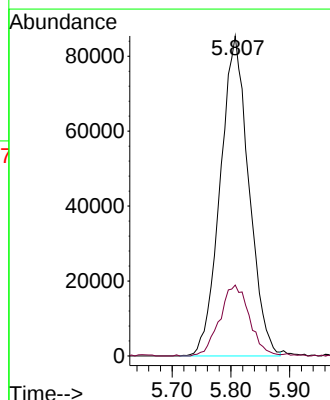
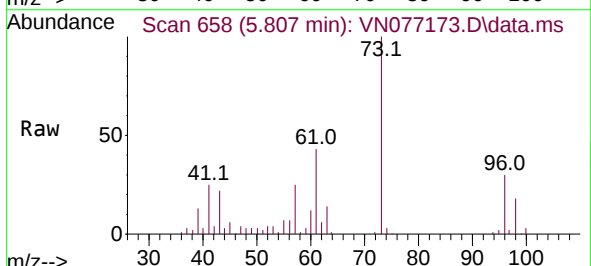
Manual Integrations
APPROVED

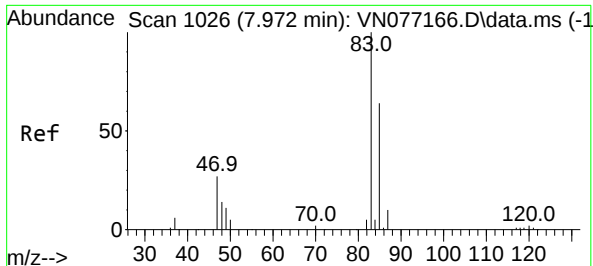
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#24
Methyl tert-Butyl Ether
Concen: 19.597 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Tgt Ion: 73 Resp: 288461
Ion Ratio Lower Upper
73 100
43 22.9 17.8 26.6





#25

Chloroform

Concen: 21.088 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077173.D

Acq: 24 Mar 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 19189

Ion Ratio Lower Upper

83 100

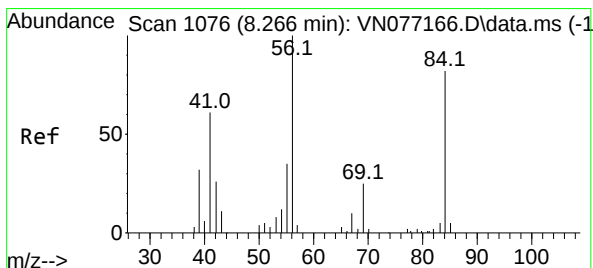
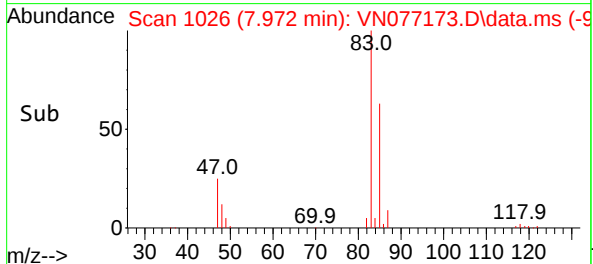
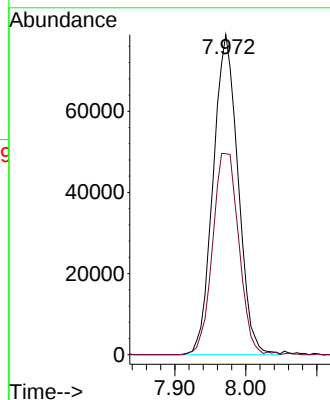
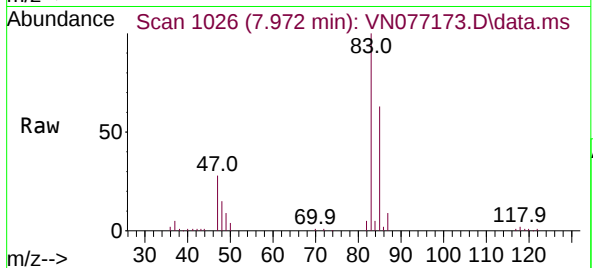
85 62.8 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#26

Cyclohexane

Concen: 20.186 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.006 min

Lab File: VN077173.D

Acq: 24 Mar 2023 10:43

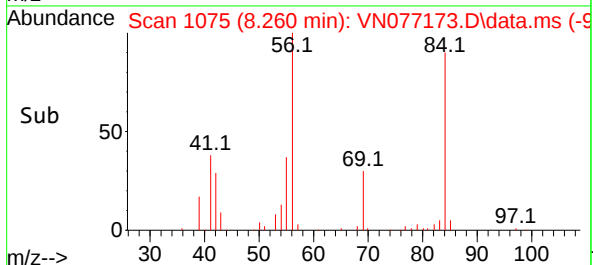
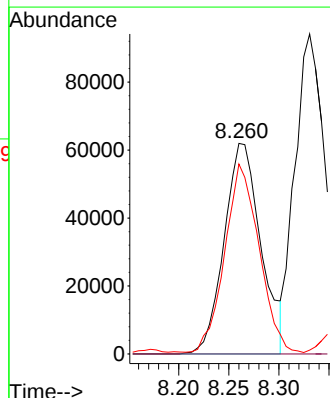
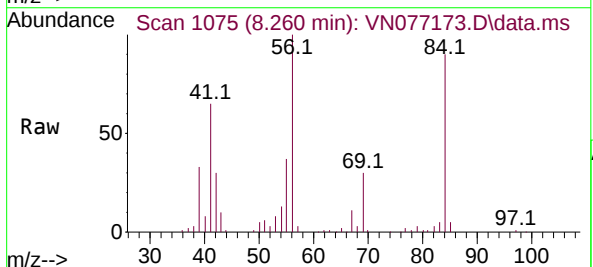
Tgt Ion: 56 Resp: 158333

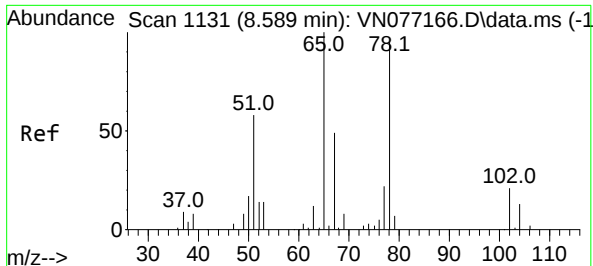
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

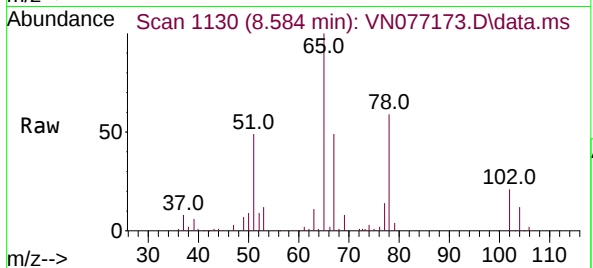
84 85.1 65.3 97.9





#27
1,2-Dichloroethane-d4
Concen: 30.920 ug/l
RT: 8.584 min Scan# 1131
Delta R.T. -0.005 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

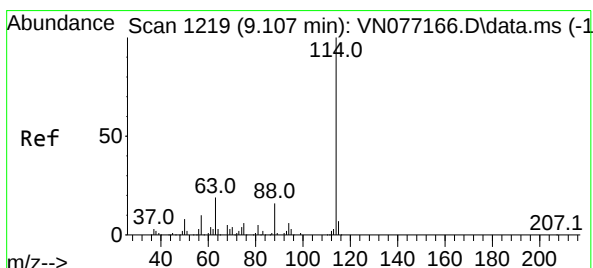
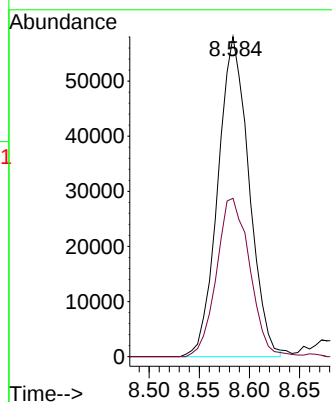
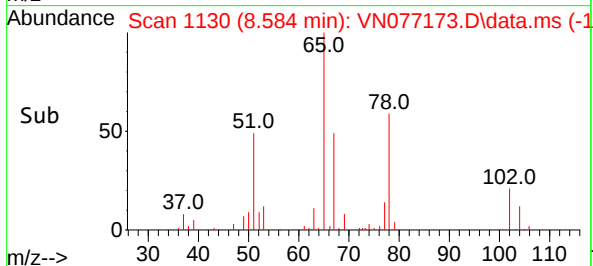
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



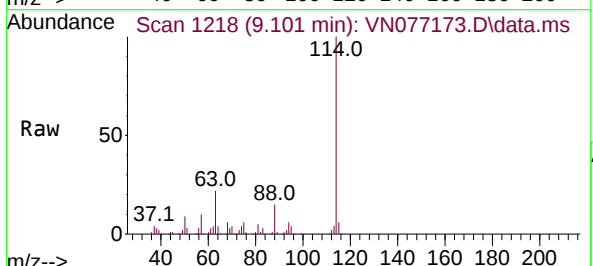
Tgt Ion: 65 Resp: 125114
Ion Ratio Lower Upper
65 100
67 53.0 40.9 61.3

Manual Integrations
APPROVED

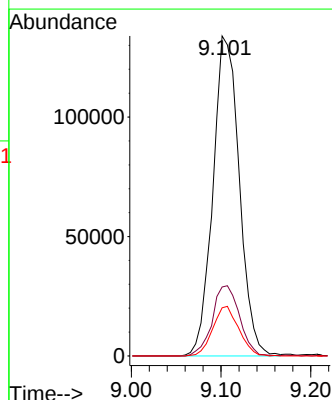
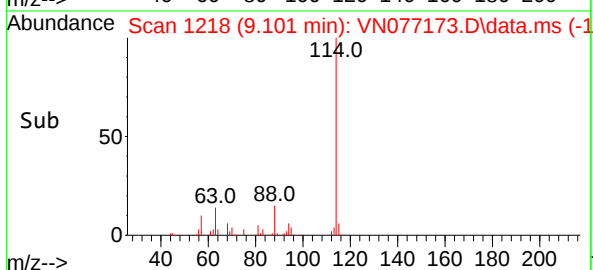
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

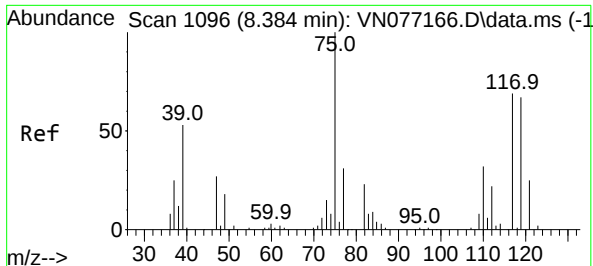


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.101 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43



Tgt Ion:114 Resp: 273799
Ion Ratio Lower Upper
114 100
63 22.7 17.0 25.4
88 15.2 11.6 17.4





#29
1,1-Dichloropropene
Concen: 20.504 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

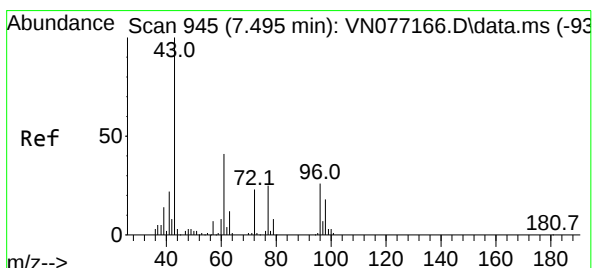
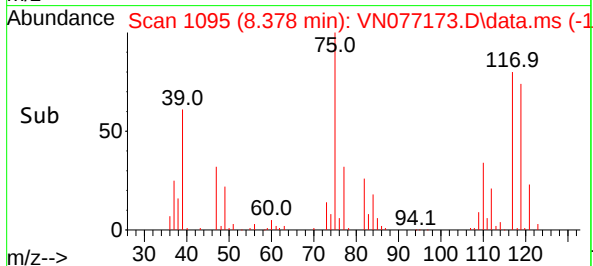
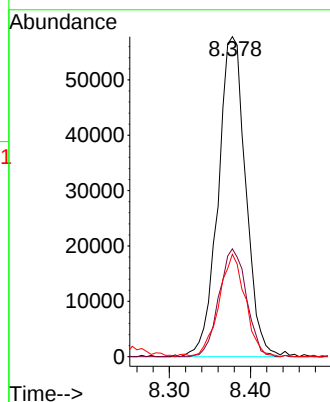
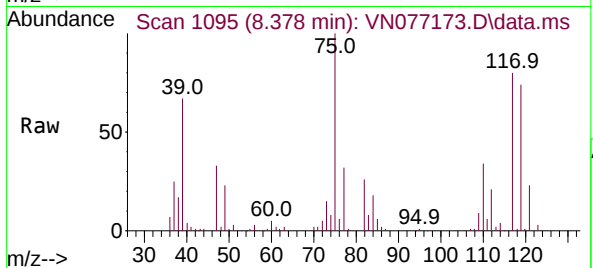
Tgt Ion: 75 Resp: 13618
Ion Ratio Lower Upper
75 100
110 33.5 0.0 67.2
77 30.5 0.0 64.4

Manual Integrations

APPROVED

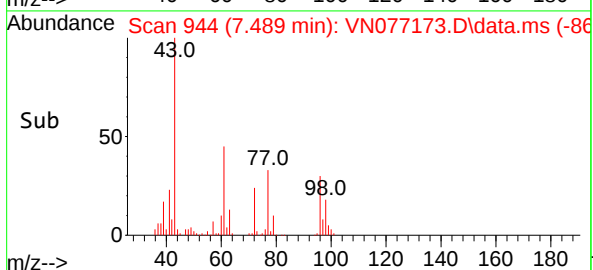
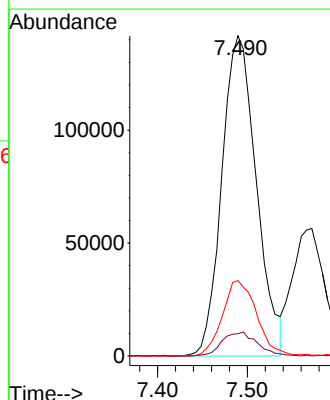
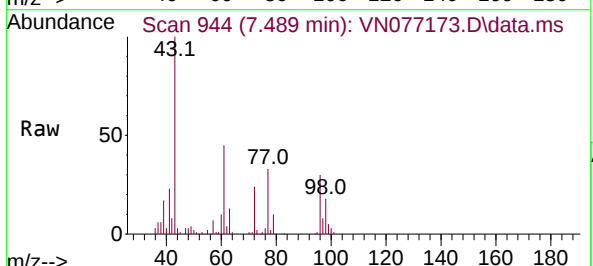
Reviewed By :John Carlone 03/27/2023

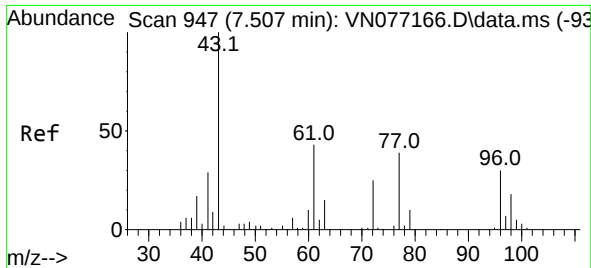
Supervised By :Semsettin Yesilyurt 03/27/2023



#30
2-Butanone
Concen: 98.933 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

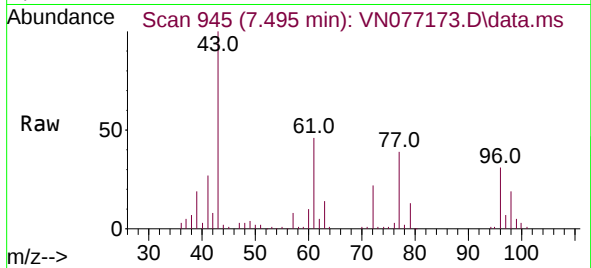
Tgt Ion: 43 Resp: 379084
Ion Ratio Lower Upper
43 100
57 7.6 6.1 9.1
72 23.3 20.2 30.4





#31
2,2-Dichloropropane
Concen: 23.508 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.012 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

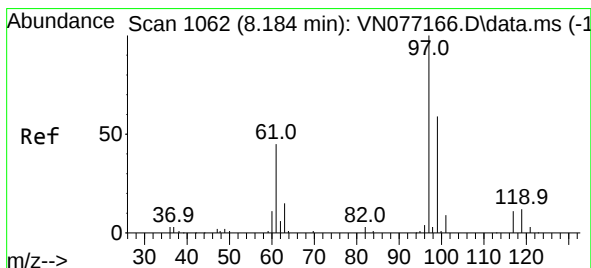
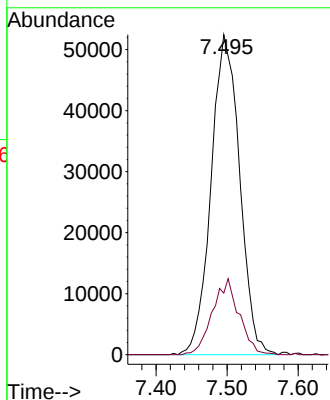
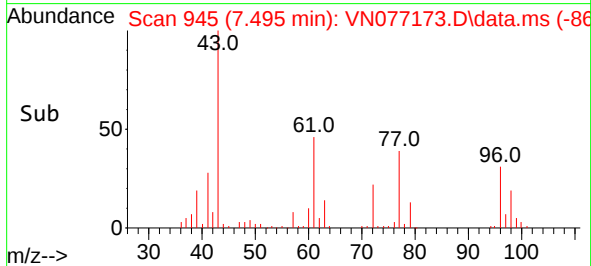
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



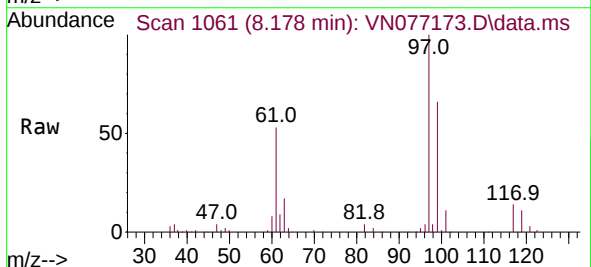
Tgt Ion: 77 Resp: 146264
Ion Ratio Lower Upper
77 100
97 22.1 7.2 10.8

Manual Integrations
APPROVED

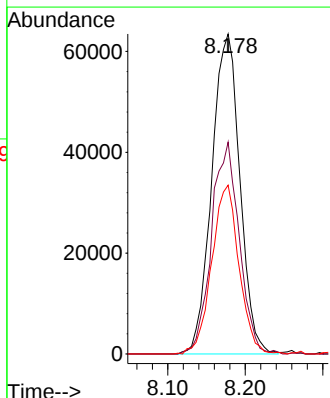
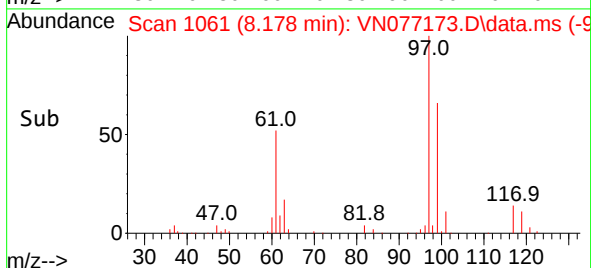
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

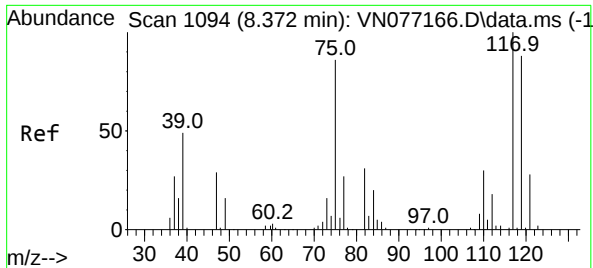


#32
1,1,1-Trichloroethane
Concen: 20.002 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.006 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43



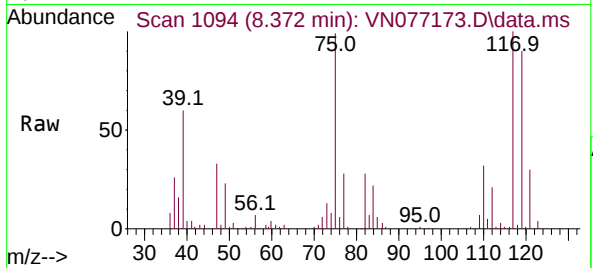
Tgt Ion: 97 Resp: 160182
Ion Ratio Lower Upper
97 100
99 65.0 51.8 77.8
61 51.0 39.3 58.9





#33
Carbon Tetrachloride
Concen: 20.567 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

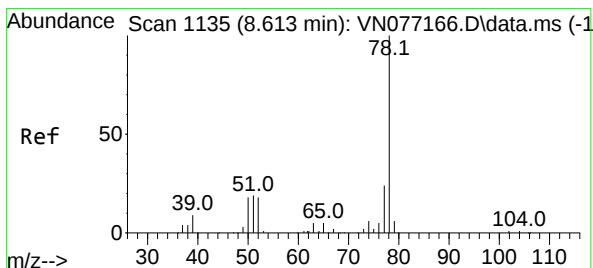
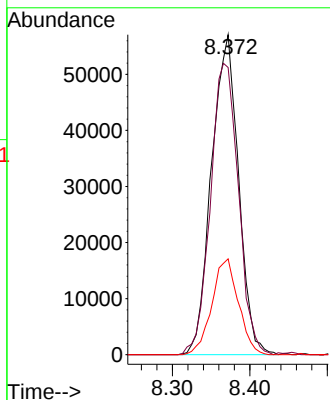
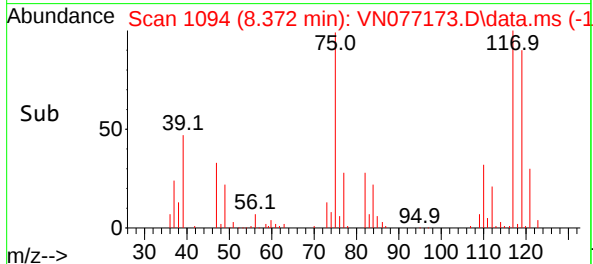
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



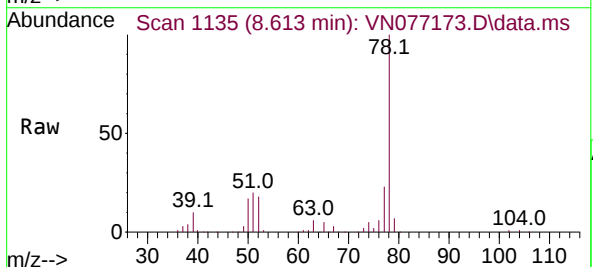
Tgt Ion:117 Resp: 138360
Ion Ratio Lower Upper
117 100
119 89.7 79.8 119.8
121 30.0 23.4 35.0

Manual Integrations
APPROVED

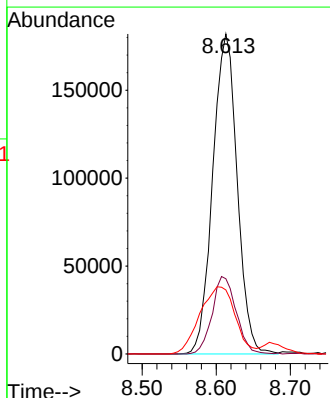
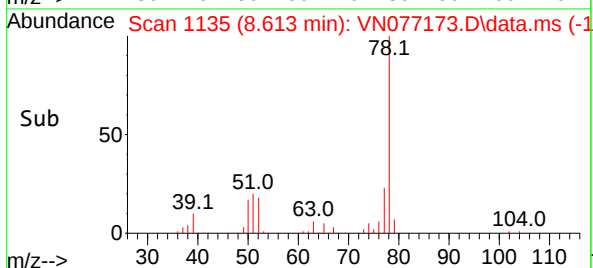
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

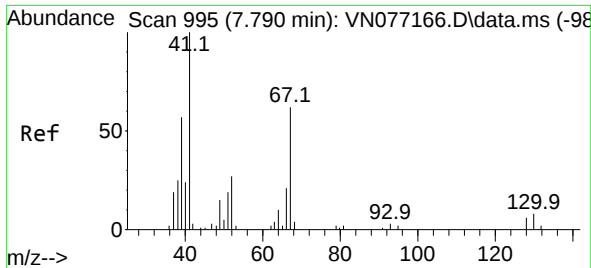


#34
Benzene
Concen: 20.483 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43



Tgt Ion: 78 Resp: 417023
Ion Ratio Lower Upper
78 100
77 23.5 17.4 26.2
51 19.3 13.8 20.6





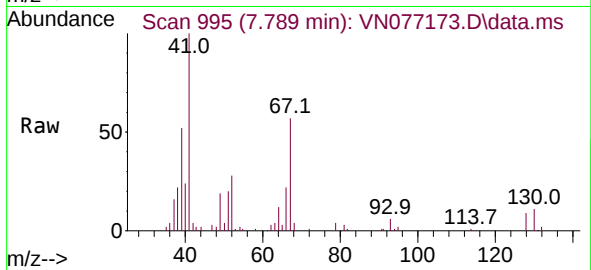
#35
Methacrylonitrile
Concen: 19.788 ug/l
RT: 7.789 min Scan# 995
Delta R.T. -0.001 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



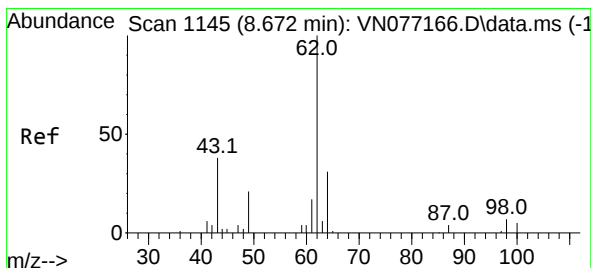
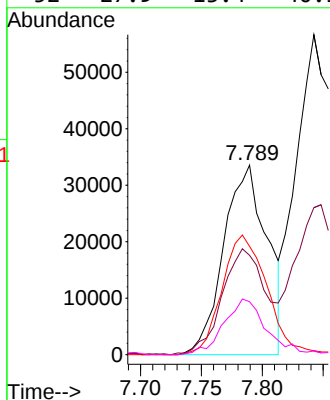
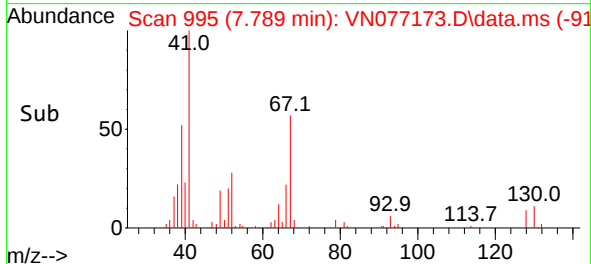
Tgt Ion: 41 Resp: 8323
Ion Ratio Lower Upper
41 100
39 51.5 26.6 79.7
67 57.1 32.3 96.9
52 27.9 13.4 40.1

Manual Integrations

APPROVED

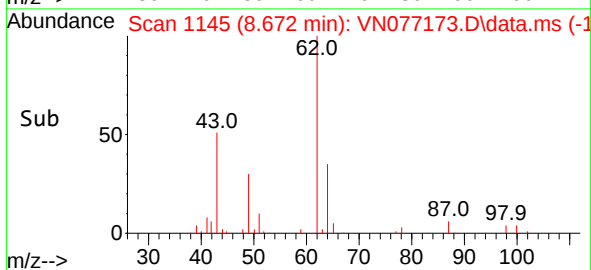
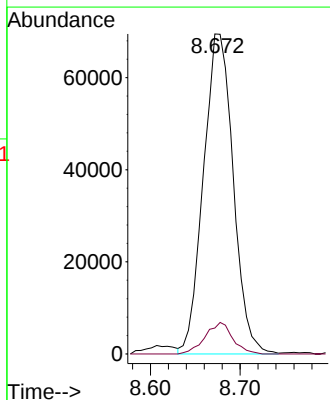
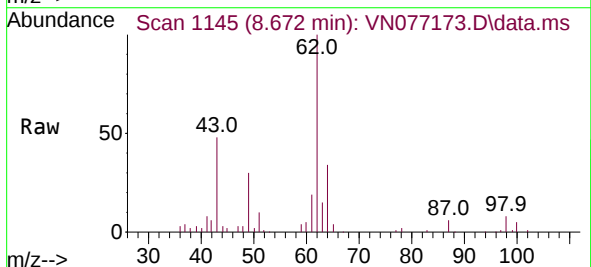
Reviewed By :John Carlone 03/27/2023

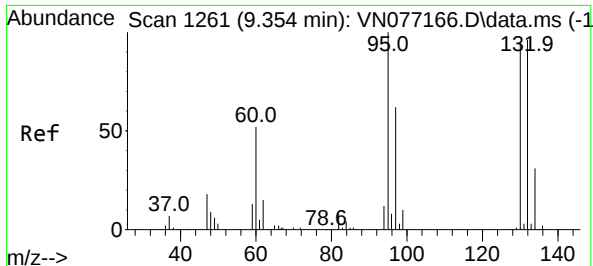
Supervised By :Semsettin Yesilyurt 03/27/2023



#36
1,2-Dichloroethane
Concen: 21.374 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

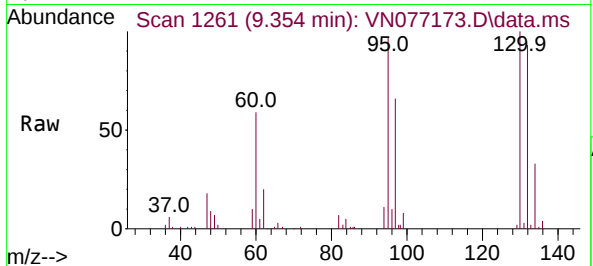
Tgt Ion: 62 Resp: 160431
Ion Ratio Lower Upper
62 100
98 9.1 7.4 11.0





#37
Trichloroethene
Concen: 20.458 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

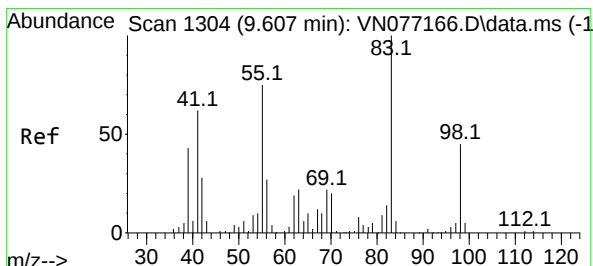
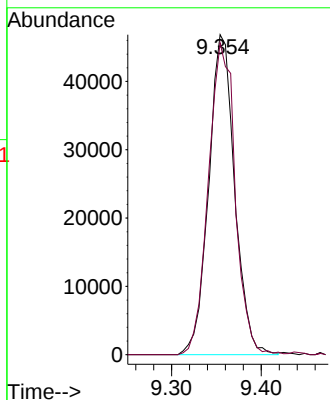
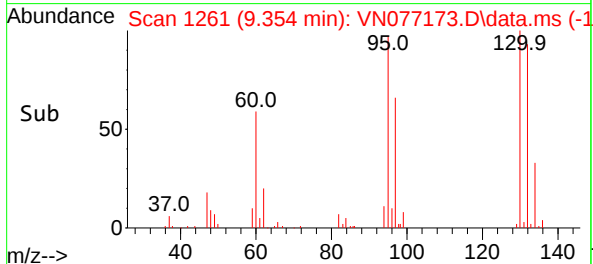
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



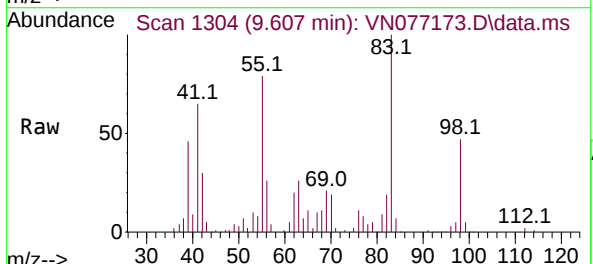
Tgt Ion:130 Resp: 9416
Ion Ratio Lower Upper
130 100
95 97.5 78.7 118.1

Manual Integrations
APPROVED

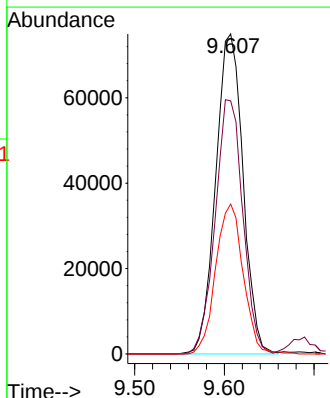
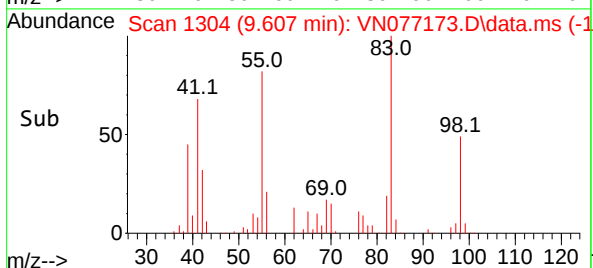
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

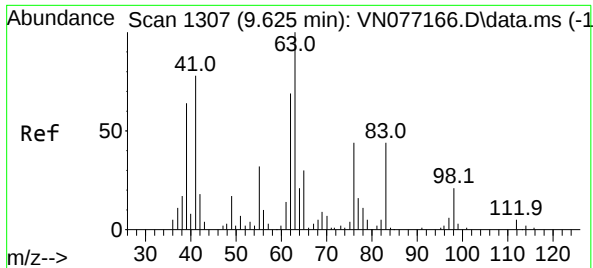


#38
Methylcyclohexane
Concen: 20.039 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43



Tgt Ion: 83 Resp: 158438
Ion Ratio Lower Upper
83 100
55 80.5 37.6 112.9
98 47.0 24.1 72.4





#39

1,2-Dichloropropane

Concen: 20.564 ug/l

RT: 9.625 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077173.D

Acq: 24 Mar 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 11208

Ion Ratio Lower Upper

63 100

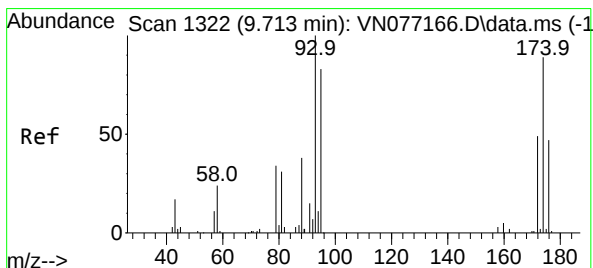
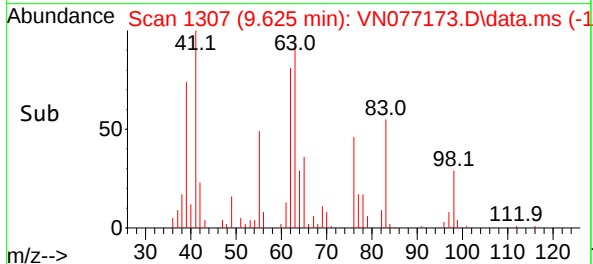
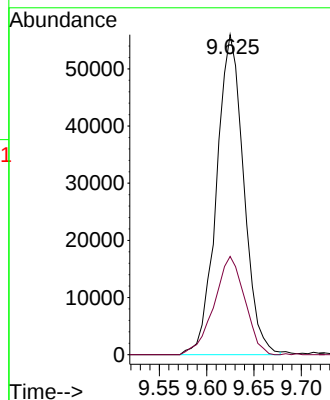
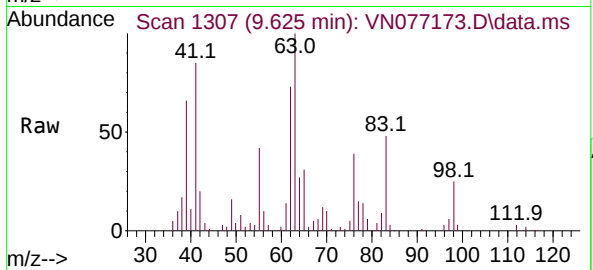
65 30.7 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#40

Dibromomethane

Concen: 20.935 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077173.D

Acq: 24 Mar 2023 10:43

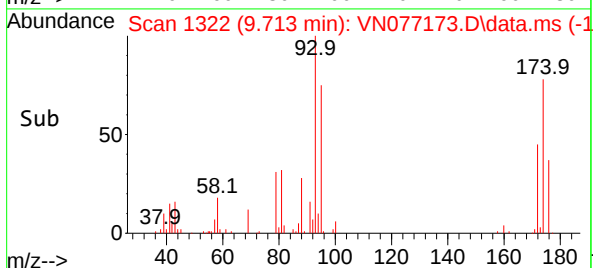
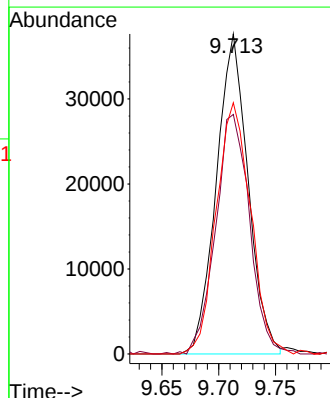
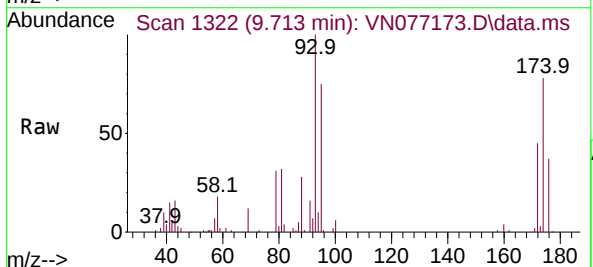
Tgt Ion: 93 Resp: 72968

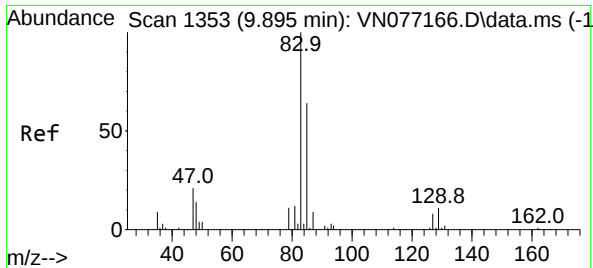
Ion Ratio Lower Upper

93 100

95 80.0 0.0 158.0

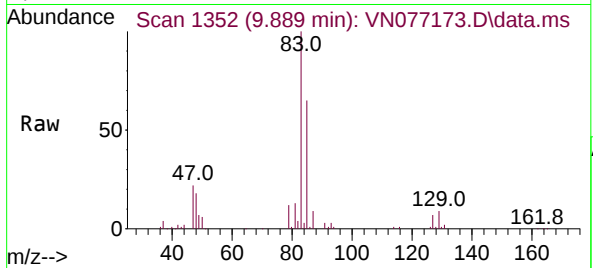
174 85.1 0.0 171.2





#41
Bromodichloromethane
Concen: 20.624 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

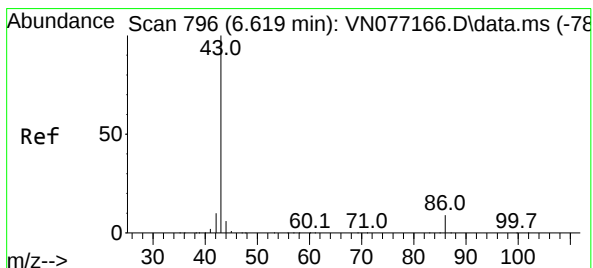
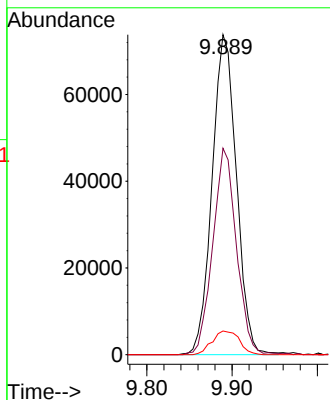
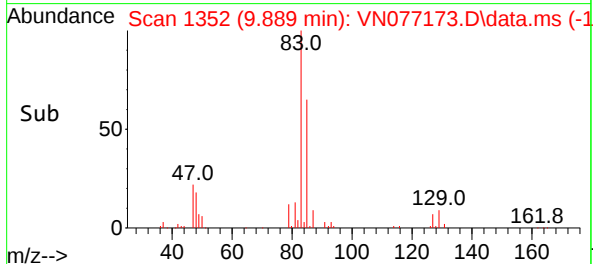
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



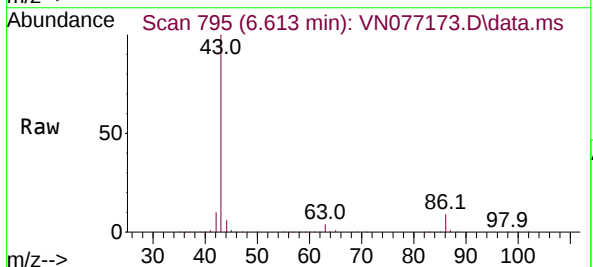
Tgt Ion: 83 Resp: 14638
Ion Ratio Lower Upper
83 100
85 64.5 51.0 76.4
127 7.4 6.2 9.2

Manual Integrations
APPROVED

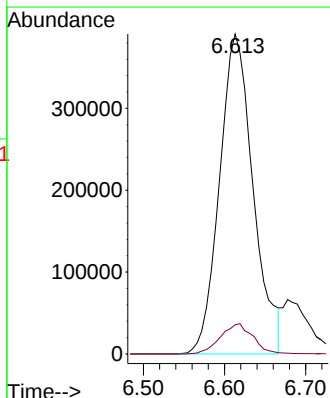
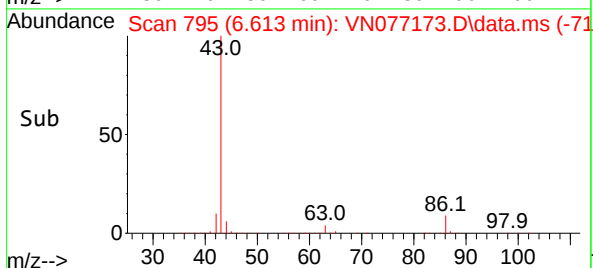
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

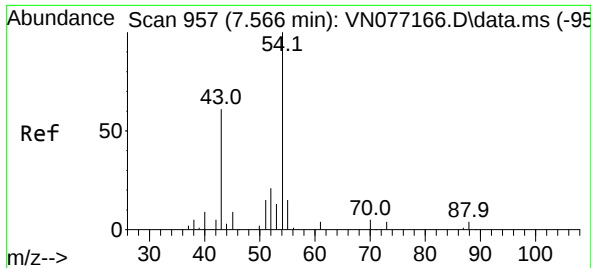


#42
Vinyl Acetate
Concen: 98.139 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.006 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43



Tgt Ion: 43 Resp: 1127156
Ion Ratio Lower Upper
43 100
86 9.2 7.8 11.6





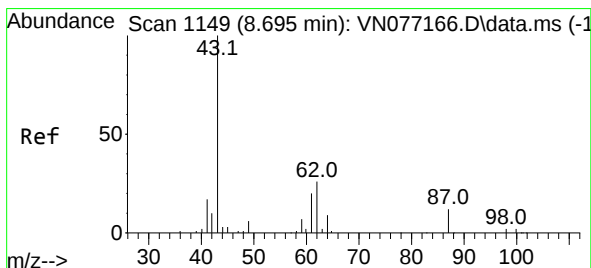
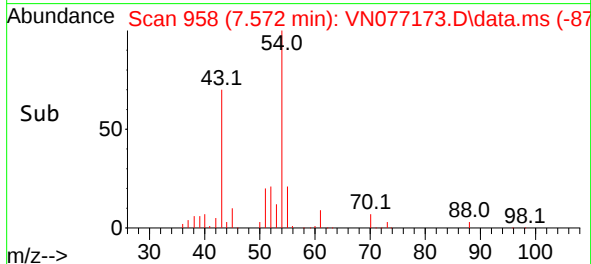
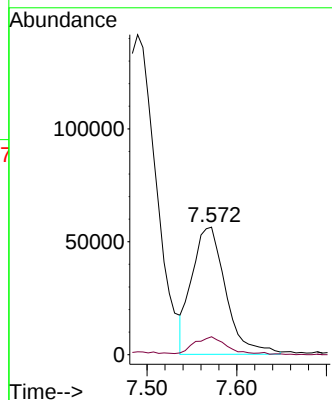
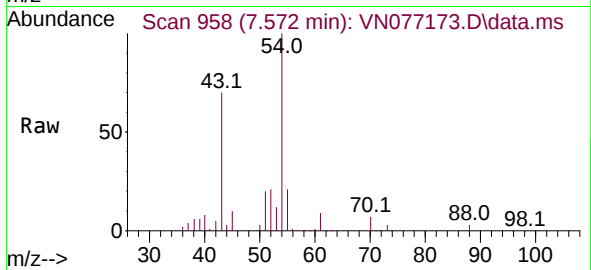
#43
Ethyl Acetate
Concen: 19.270 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 147508
Ion Ratio Lower Upper
43 100
45 12.8 11.2 16.8

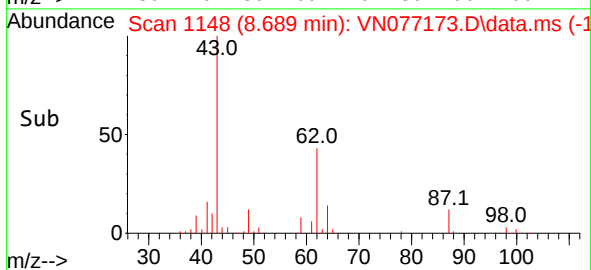
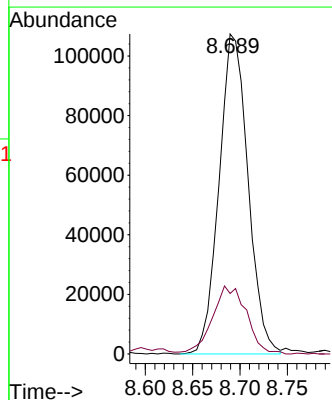
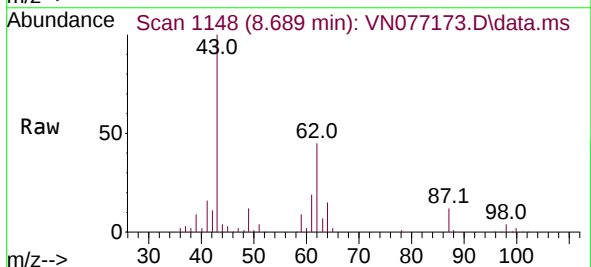
Manual Integrations
APPROVED

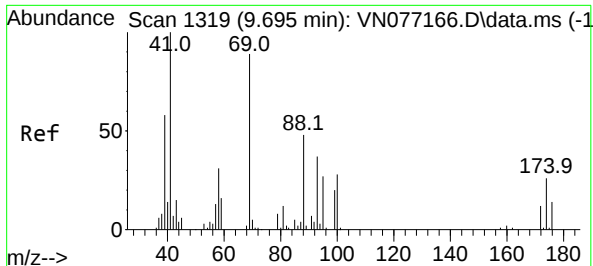
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#44
Isopropyl Acetate
Concen: 18.475 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Tgt Ion: 43 Resp: 228230
Ion Ratio Lower Upper
43 100
61 24.9 19.5 29.3





#45

1,4-Dioxane

Concen: 384.481 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077173.D

Acq: 24 Mar 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

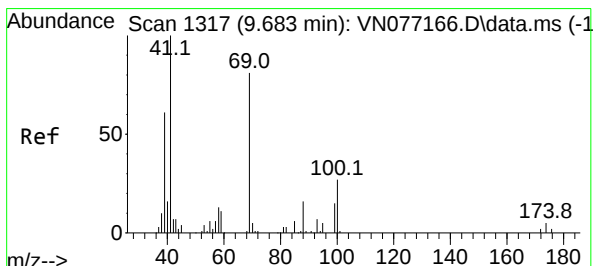
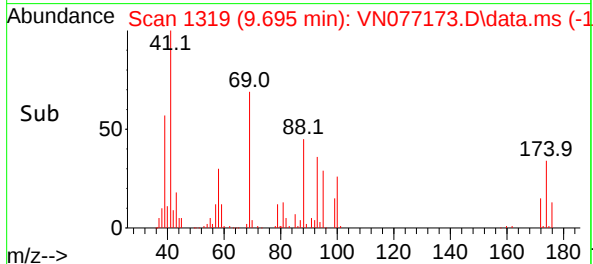
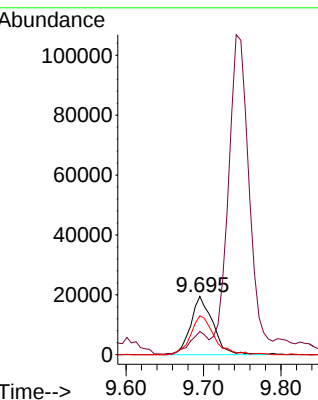
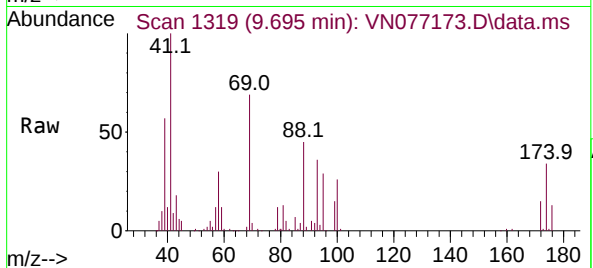
Tgt Ion: 88 Resp: 38620
 Ion Ratio Lower Upper
 88 100
 43 31.0 26.0 39.0
 58 69.2 54.3 81.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#46

Methyl methacrylate

Concen: 20.063 ug/l

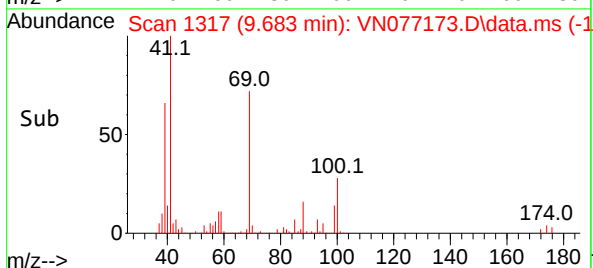
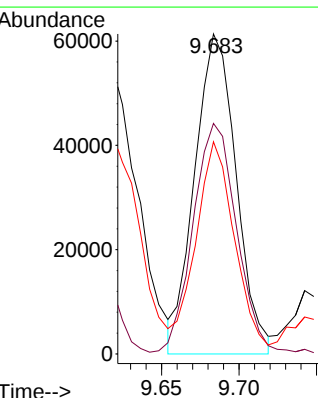
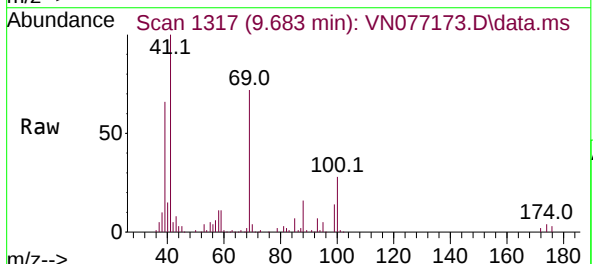
RT: 9.683 min Scan# 1317

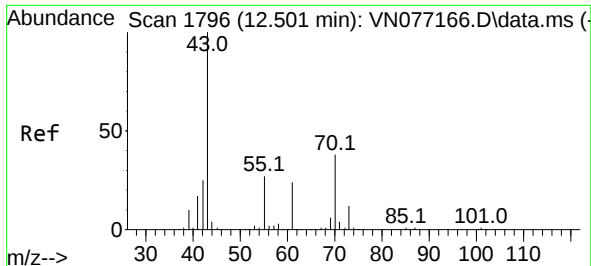
Delta R.T. 0.000 min

Lab File: VN077173.D

Acq: 24 Mar 2023 10:43

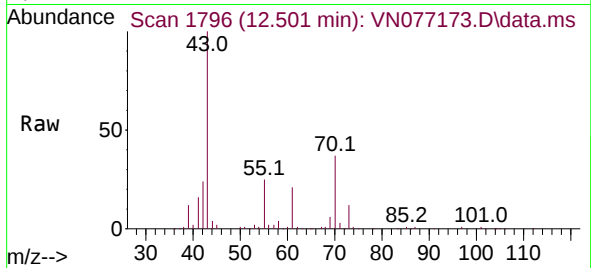
Tgt Ion: 41 Resp: 114274
 Ion Ratio Lower Upper
 41 100
 69 73.5 40.6 121.7
 39 67.2 30.5 91.5





#47
n-amyl acetate
Concen: 17.766 ug/l
RT: 12.501 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

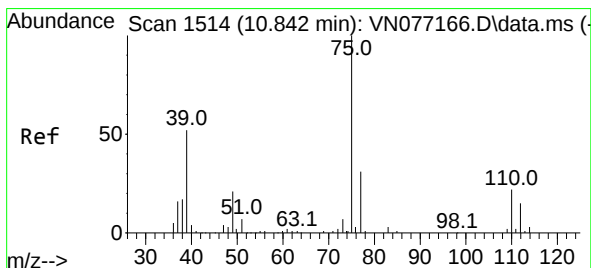
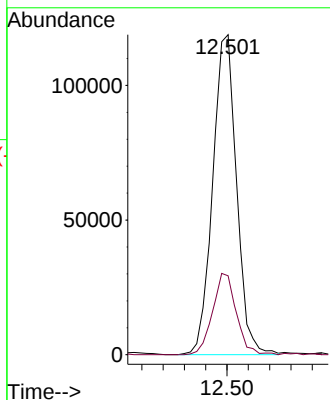
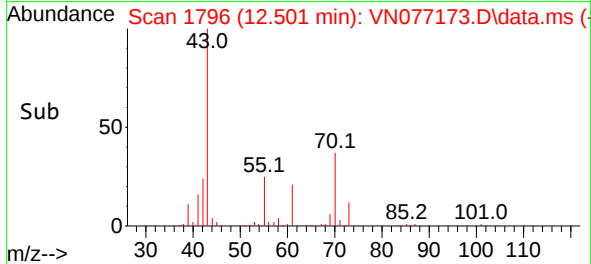
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 18464
Ion Ratio Lower Upper
43 100
55 25.0 18.3 27.5

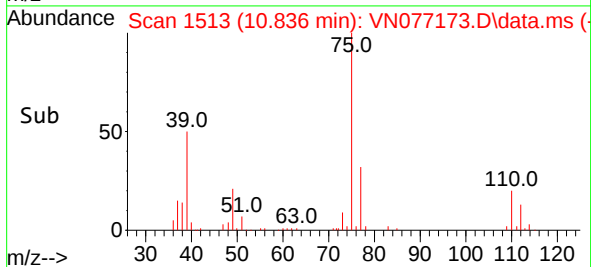
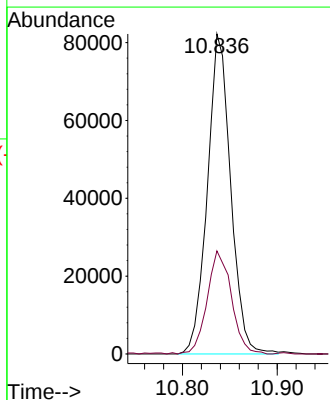
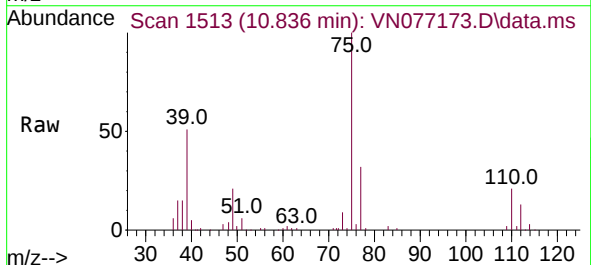
Manual Integrations
APPROVED

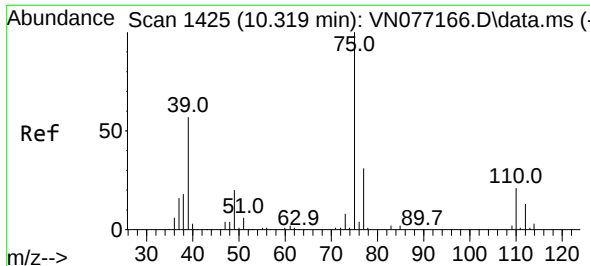
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#48
t-1,3-Dichloropropene
Concen: 19.504 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Tgt Ion: 75 Resp: 140607
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2





#49

cis-1,3-Dichloropropene

Concen: 20.610 ug/l

RT: 10.313 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VN077173.D

Acq: 24 Mar 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 16266

Ion Ratio Lower Upper

75 100

77 34.1 27.5 41.3

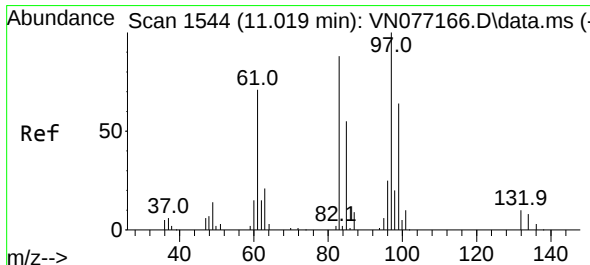
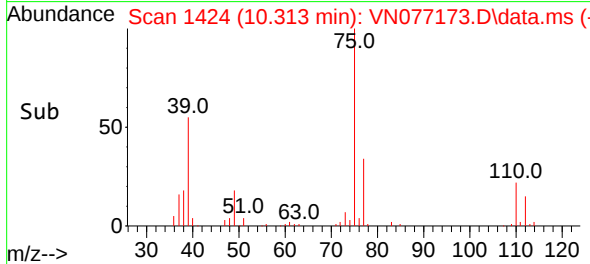
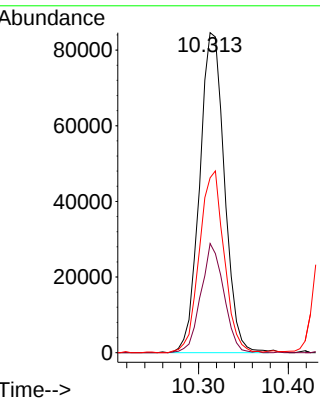
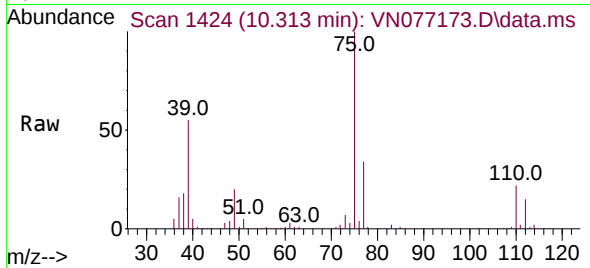
39 54.7 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#50

1,1,2-Trichloroethane

Concen: 19.845 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN077173.D

Acq: 24 Mar 2023 10:43

Tgt Ion: 97 Resp: 97093

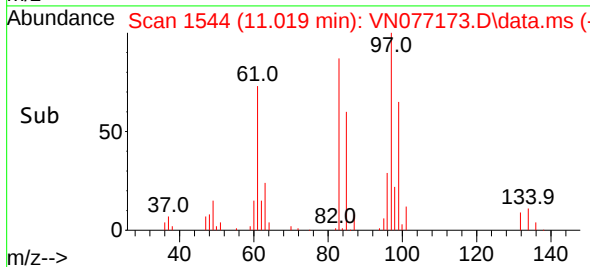
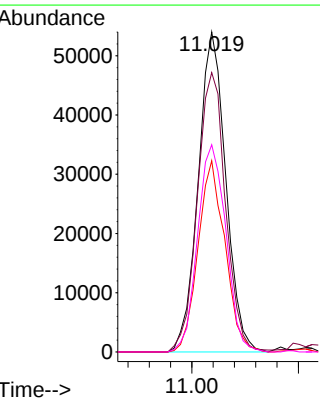
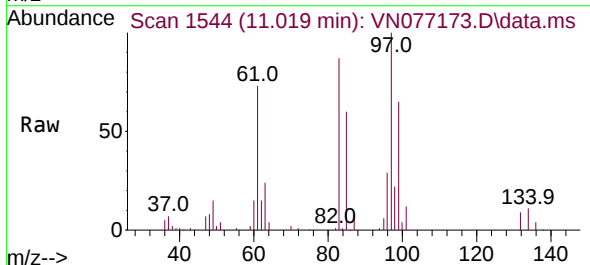
Ion Ratio Lower Upper

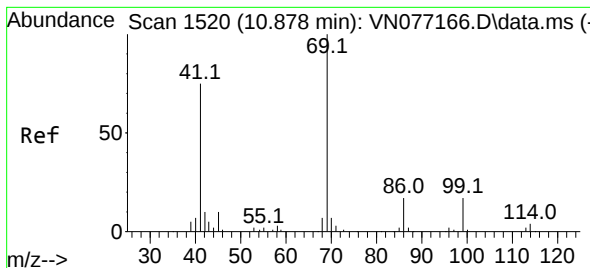
97 100

83 87.3 71.0 106.4

85 59.8 45.5 68.3

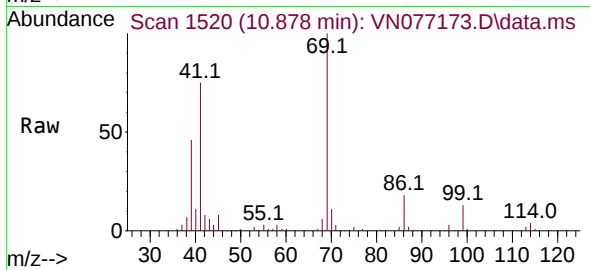
99 64.8 51.4 77.2





#51
Ethyl methacrylate
Concen: 18.729 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

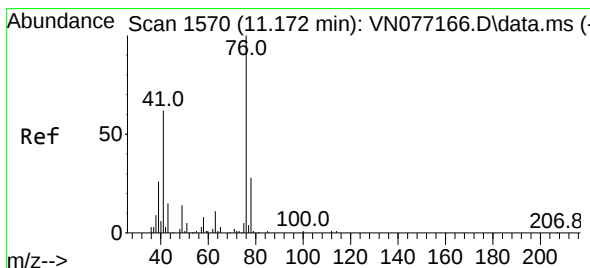
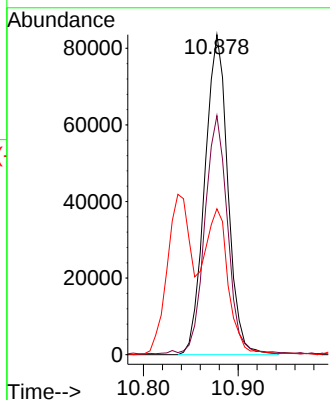
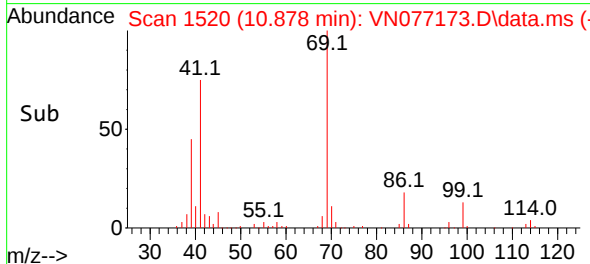
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



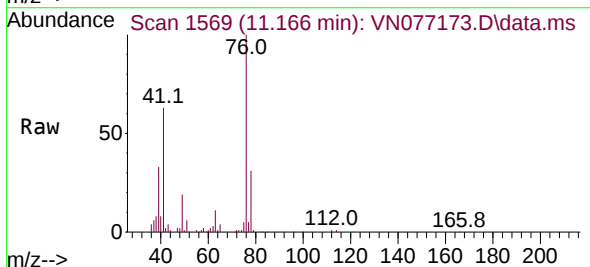
Tgt Ion: 69 Resp: 141480
Ion Ratio Lower Upper
69 100
41 74.0 36.3 108.7
39 45.3 19.9 59.7

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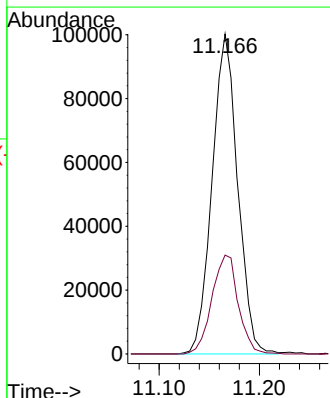
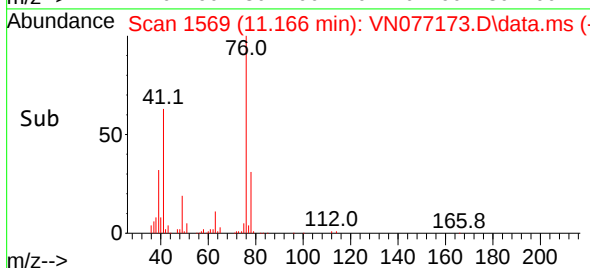
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

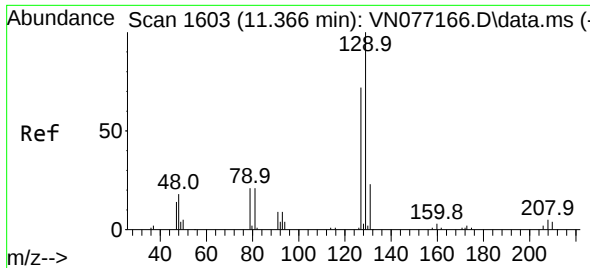


#52
1,3-Dichloropropane
Concen: 20.445 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43



Tgt Ion: 76 Resp: 177561
Ion Ratio Lower Upper
76 100
78 31.8 0.0 65.4





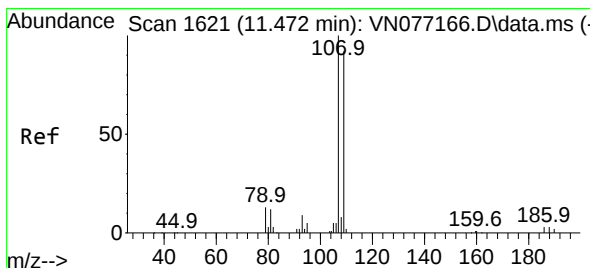
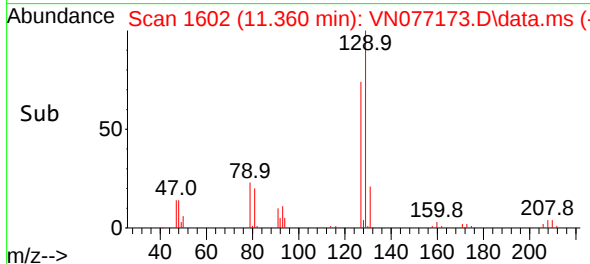
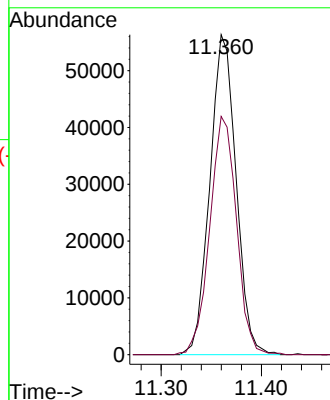
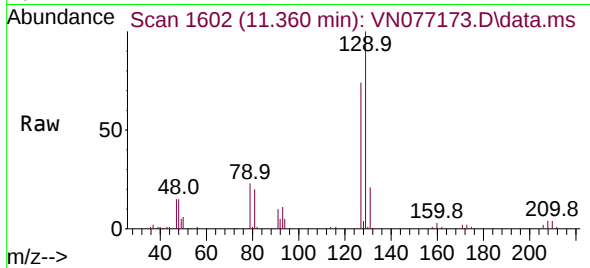
#53
Dibromochloromethane
Concen: 20.199 ug/l
RT: 11.360 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 10232
Ion Ratio Lower Upper
129 100
127 75.9 39.4 118.1

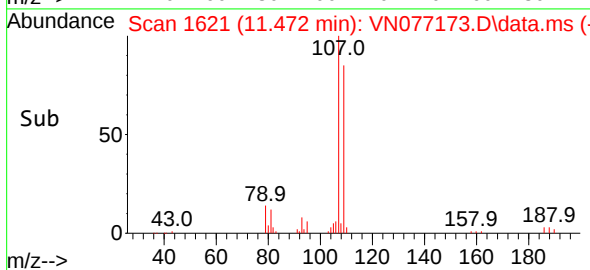
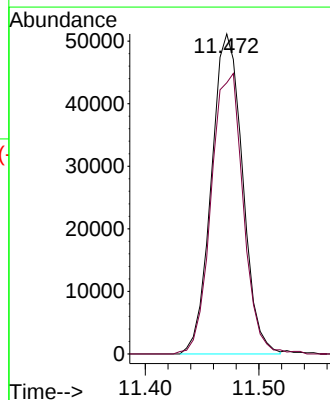
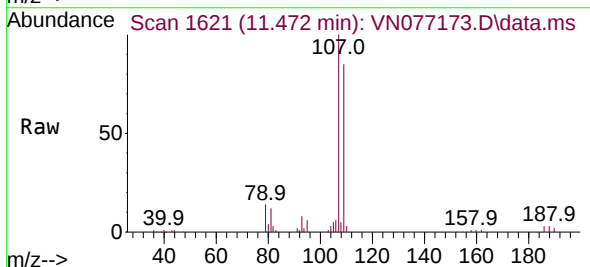
Manual Integrations
APPROVED

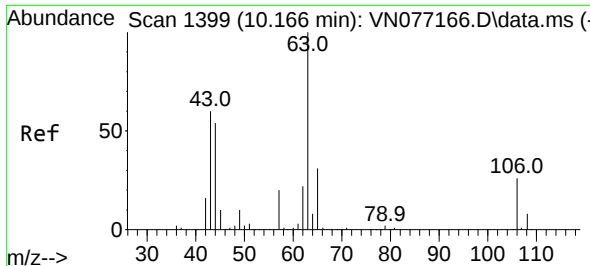
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#54
1,2-Dibromoethane
Concen: 20.247 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

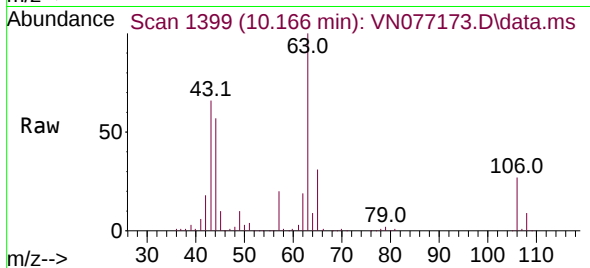
Tgt Ion:107 Resp: 97481
Ion Ratio Lower Upper
107 100
109 89.8 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 92.041 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

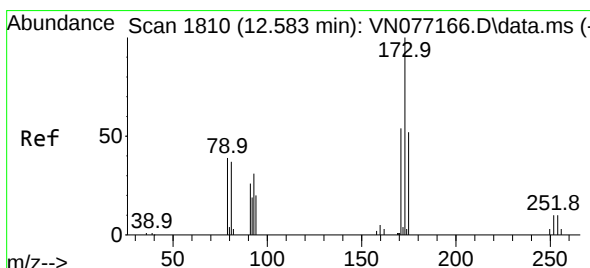
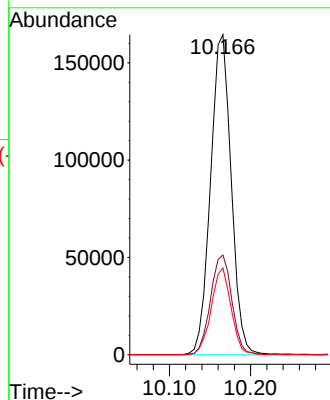
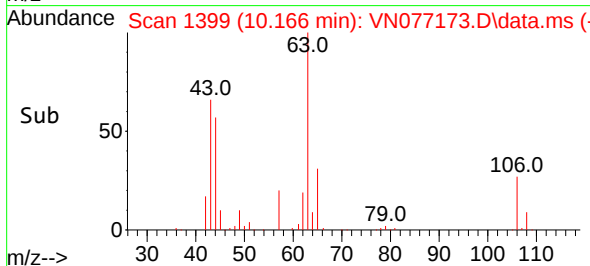
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 29070
Ion Ratio Lower Upper
63 100
65 32.1 26.3 39.5
106 26.1 21.6 32.4

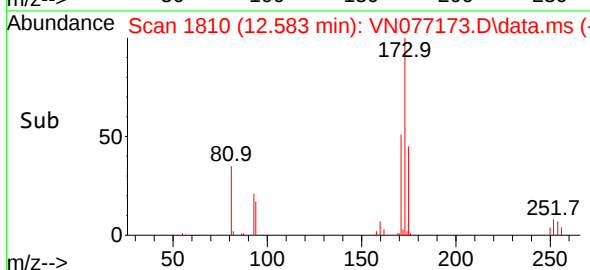
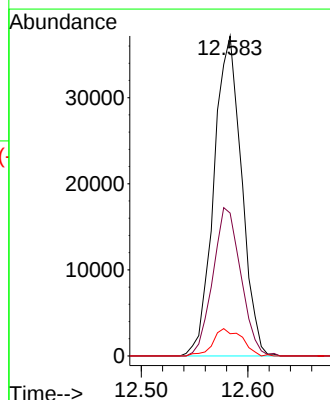
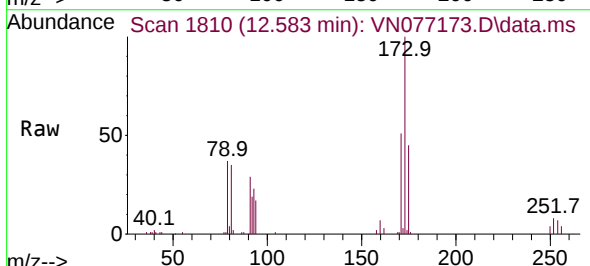
Manual Integrations
APPROVED

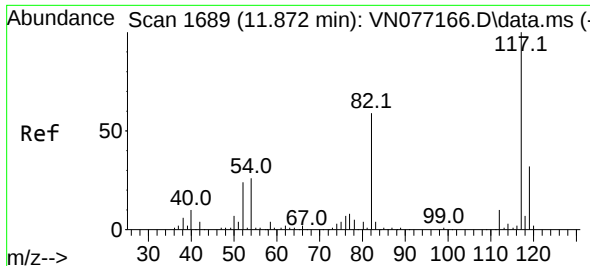
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#56
Bromoform
Concen: 18.864 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

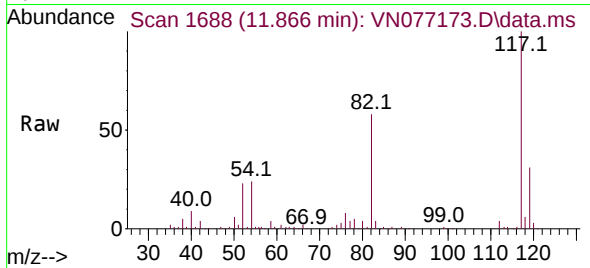
Tgt Ion:173 Resp: 67056
Ion Ratio Lower Upper
173 100
175 46.8 37.8 56.6
254 8.9 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

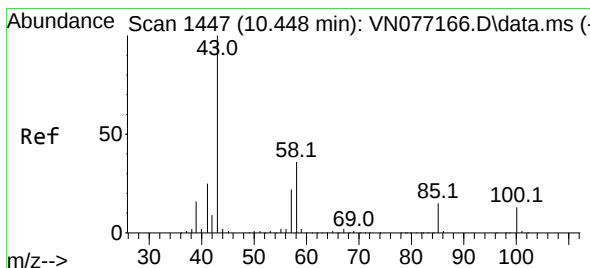
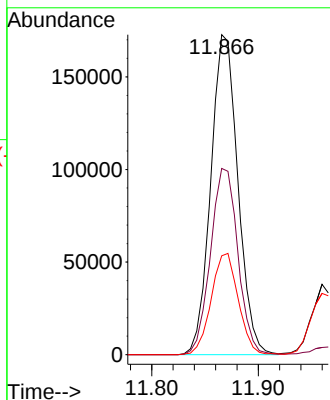
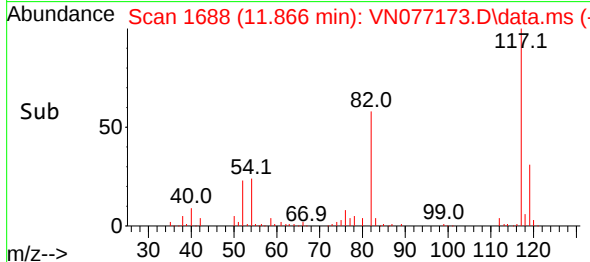
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



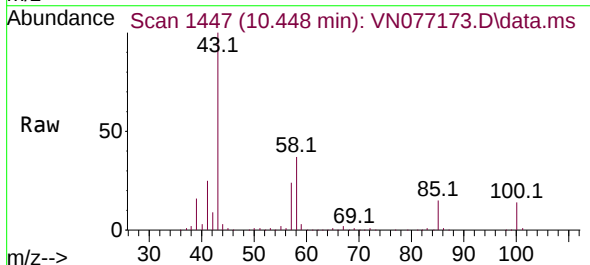
Tgt Ion:117 Resp: 305929
Ion Ratio Lower Upper
117 100
82 58.8 45.4 68.0
119 31.6 26.8 40.2

Manual Integrations
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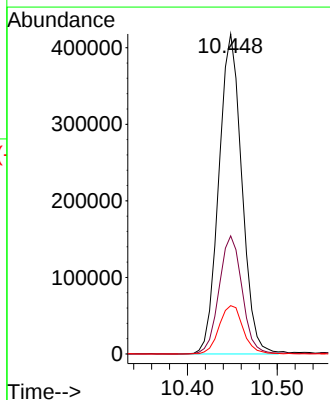
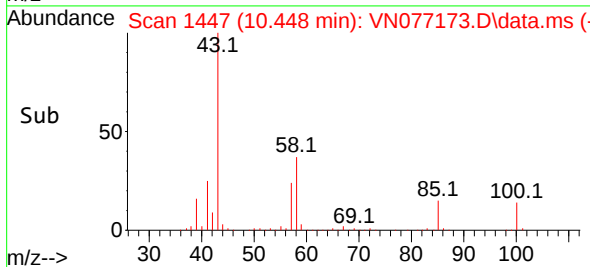
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

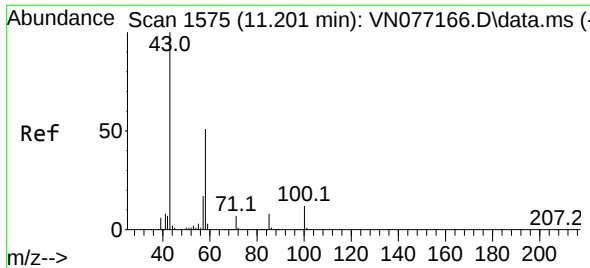


#58
4-Methyl-2-Pentanone
Concen: 94.381 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43



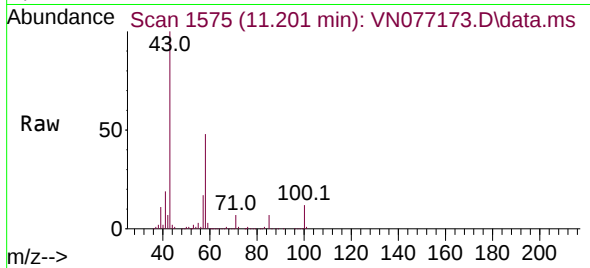
Tgt Ion: 43 Resp: 745196
Ion Ratio Lower Upper
43 100
58 36.9 28.6 42.8
85 15.8 11.8 17.8





#59
2-Hexanone
Concen: 93.563 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

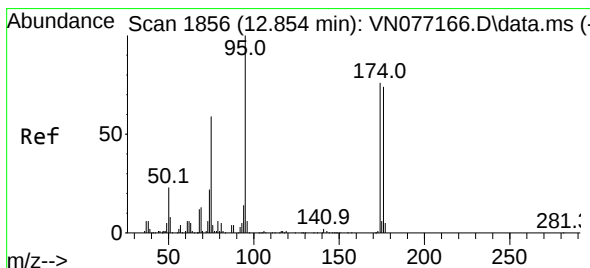
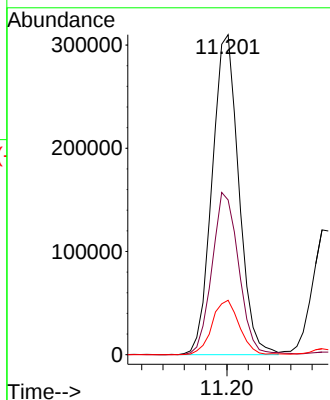
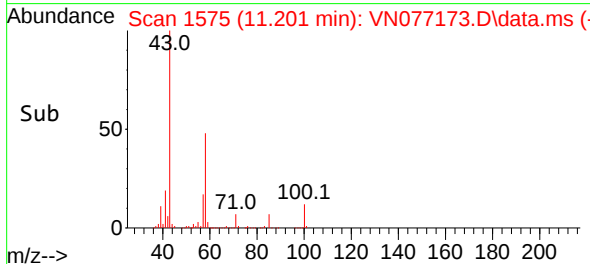
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 53864
Ion Ratio Lower Upper
43 100
58 50.9 40.6 60.8
57 17.3 13.1 19.7

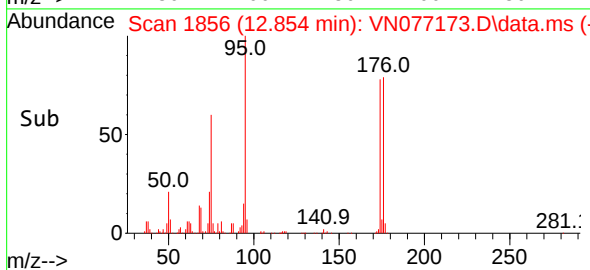
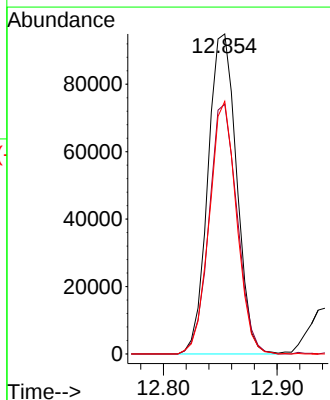
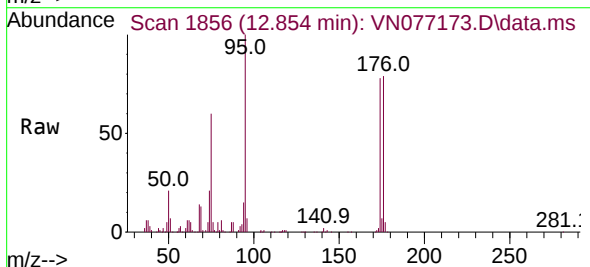
Manual Integrations
APPROVED

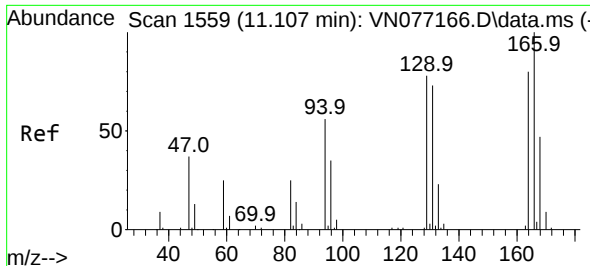
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#60
4-Bromofluorobenzene
Concen: 30.259 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

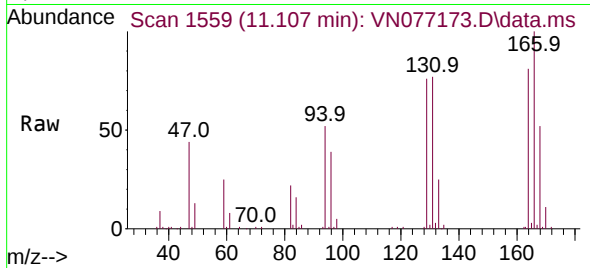
Tgt Ion: 95 Resp: 166298
Ion Ratio Lower Upper
95 100
174 76.8 64.2 96.4
176 75.0 61.4 92.0





#61
Tetrachloroethene
Concen: 19.974 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

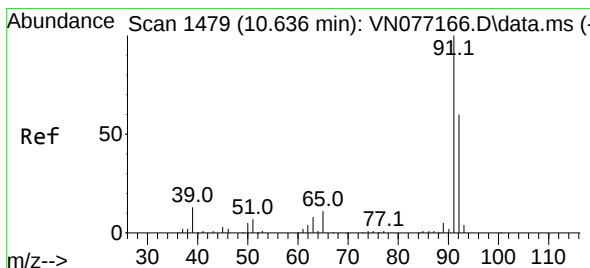
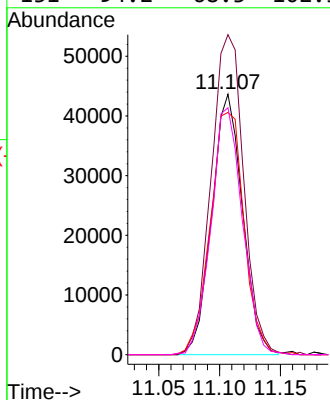
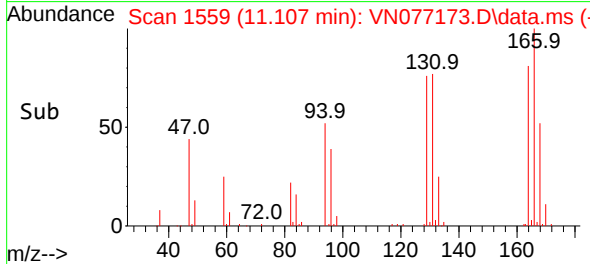
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:164 Resp: 7669
Ion Ratio Lower Upper
164 100
166 122.8 96.2 144.2
129 92.5 78.2 117.4
131 94.2 68.3 102.5

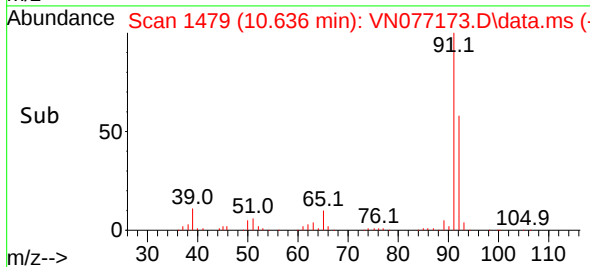
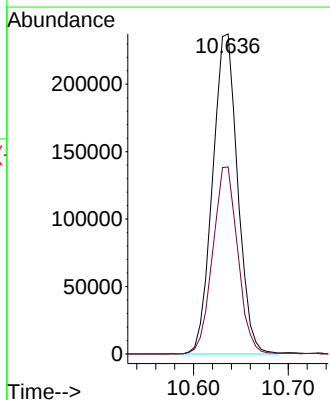
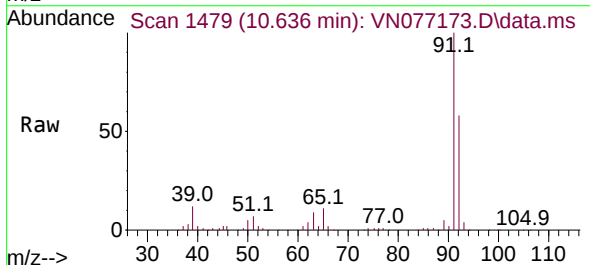
Manual Integrations
APPROVED

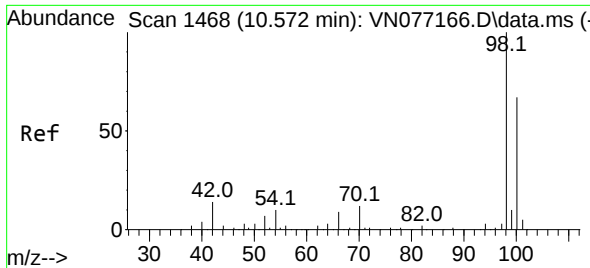
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#62
Toluene
Concen: 20.331 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Tgt Ion: 91 Resp: 437143
Ion Ratio Lower Upper
91 100
92 58.4 46.3 69.5





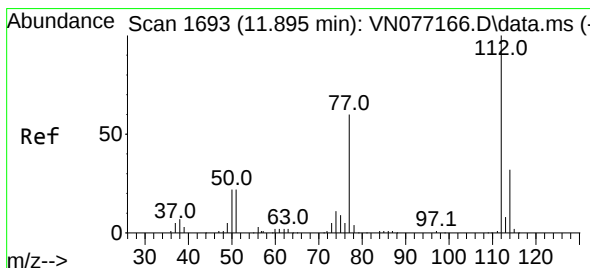
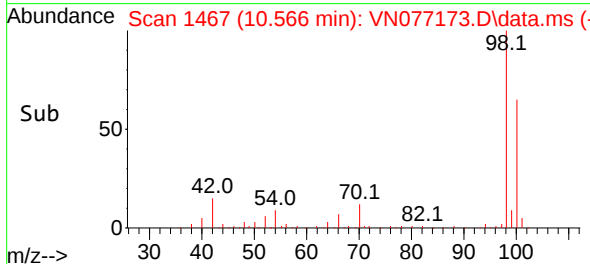
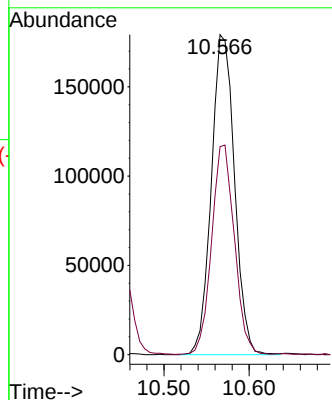
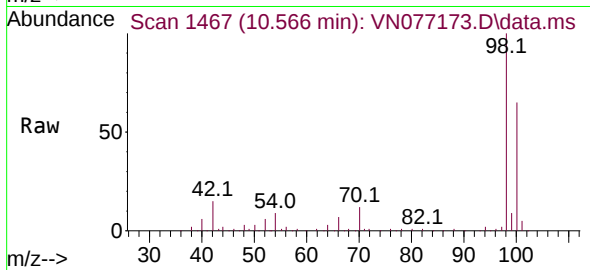
#63
Toluene-d8
Concen: 31.003 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 98 Resp: 338574
Ion Ratio Lower Upper
98 100
100 64.6 53.8 80.6

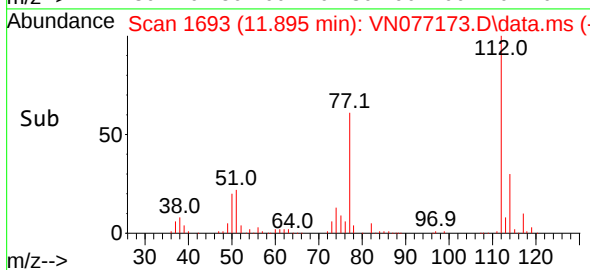
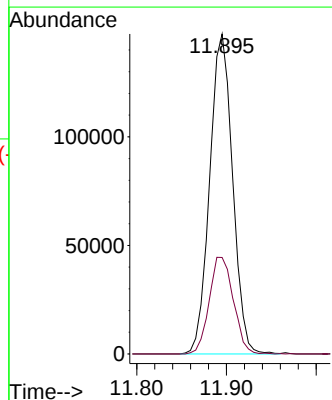
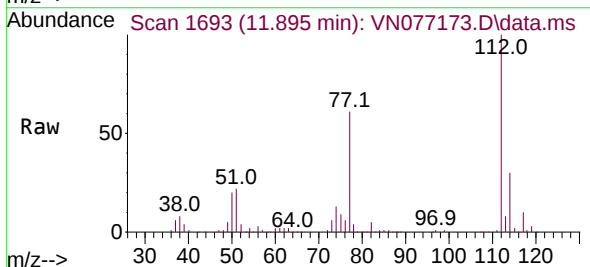
Manual Integrations
APPROVED

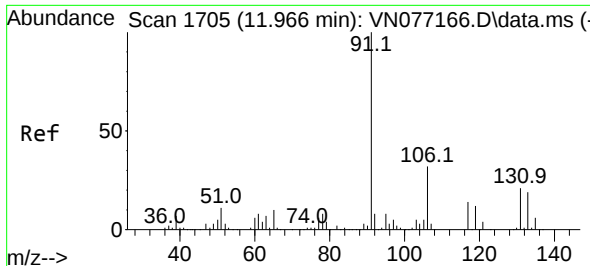
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#64
Chlorobenzene
Concen: 20.545 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

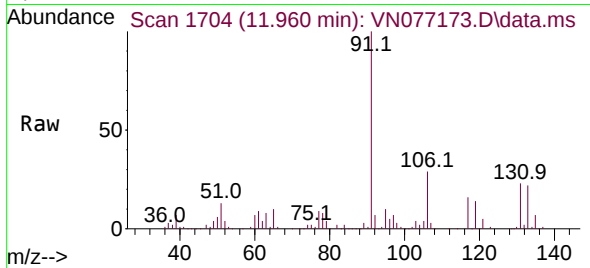
Tgt Ion:112 Resp: 261349
Ion Ratio Lower Upper
112 100
114 30.1 24.5 36.7





#65
1,1,1,2-Tetrachloroethane
Concen: 20.185 ug/l
RT: 11.960 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

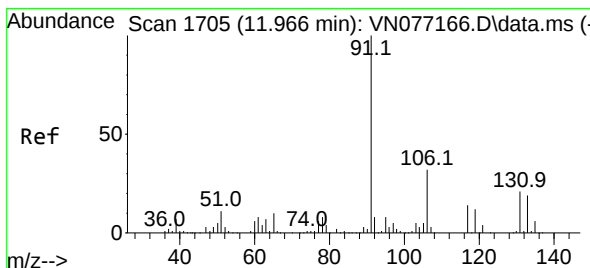
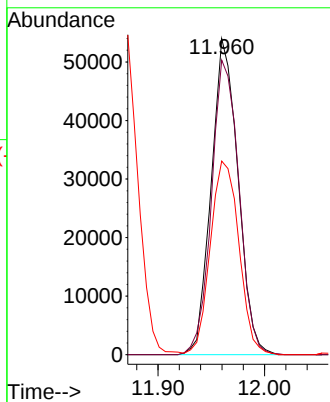
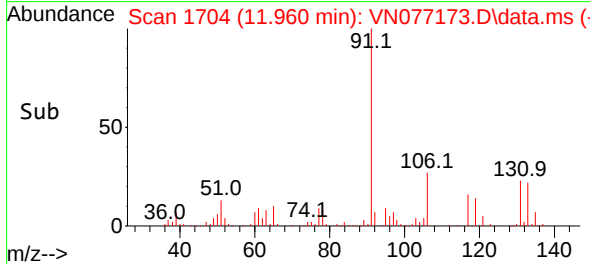
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:131 Resp: 94290
Ion Ratio Lower Upper
131 100
133 95.5 0.0 197.6
119 65.4 0.0 127.8

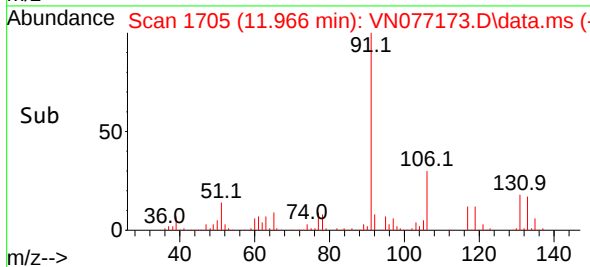
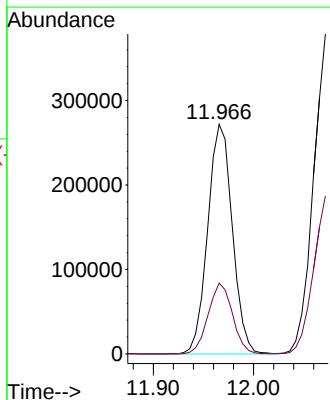
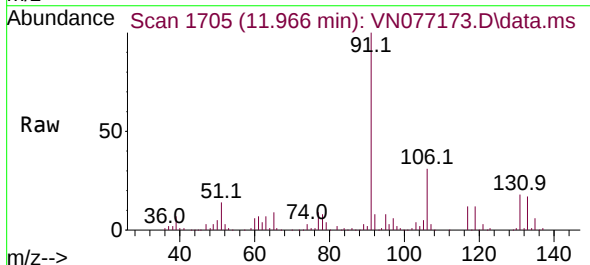
Manual Integrations
APPROVED

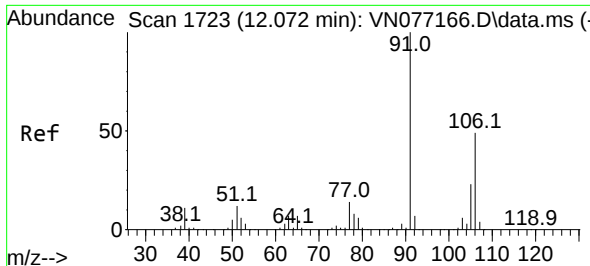
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#66
Ethyl Benzene
Concen: 20.055 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

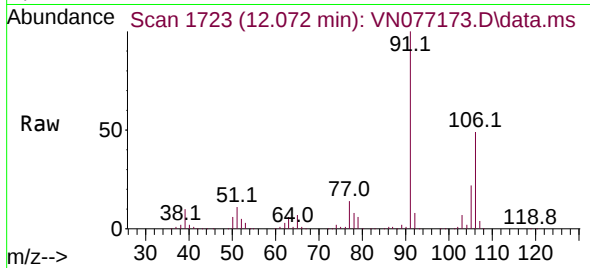
Tgt Ion: 91 Resp: 463335
Ion Ratio Lower Upper
91 100
106 30.9 23.8 35.8





#67
m/p-Xylenes
Concen: 41.131 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

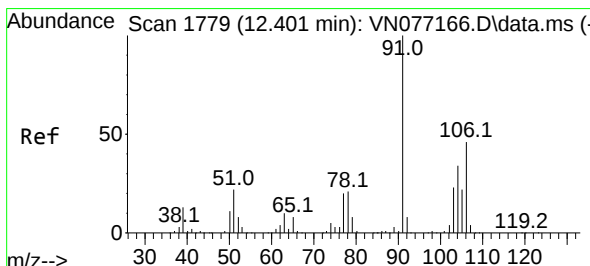
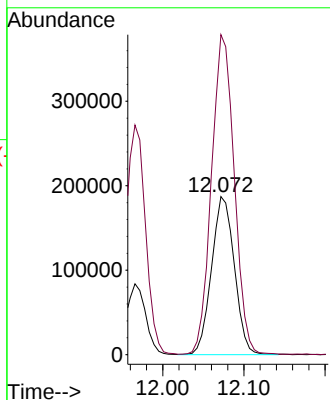
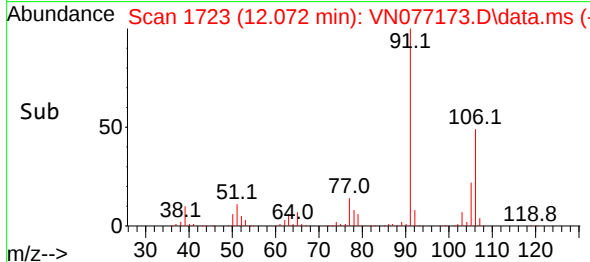
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



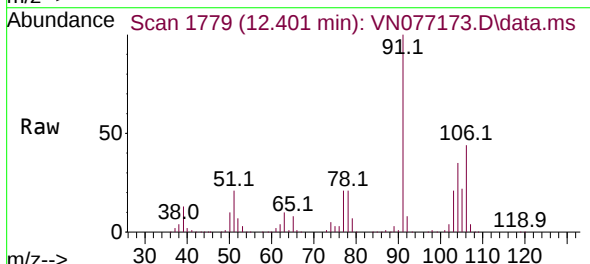
Tgt Ion:106 Resp: 36569
Ion Ratio Lower Upper
106 100
91 202.7 157.4 236.2

Manual Integrations
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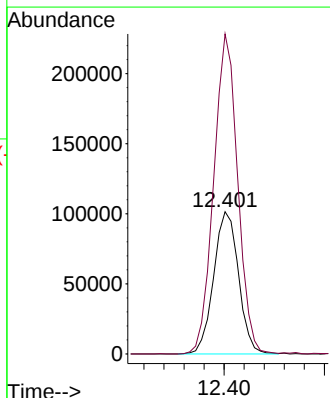
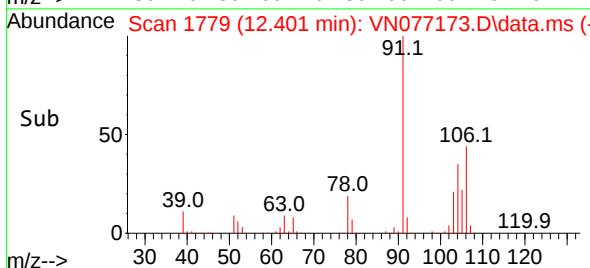
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

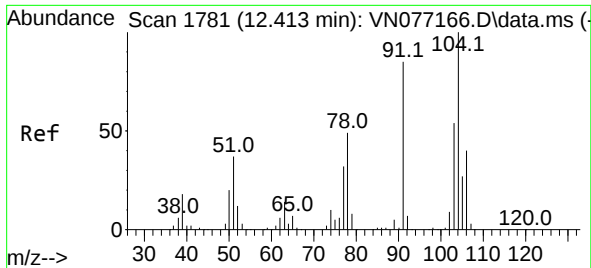


#68
o-Xylene
Concen: 20.035 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43



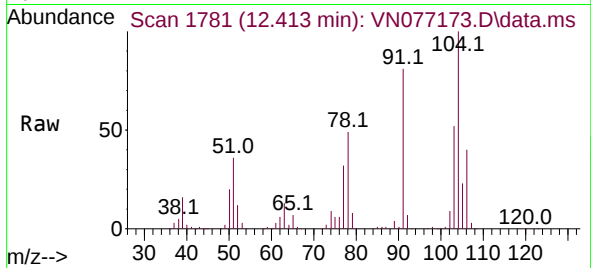
Tgt Ion:106 Resp: 174408
Ion Ratio Lower Upper
106 100
91 217.0 107.2 321.6





#69
Styrene
Concen: 19.572 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

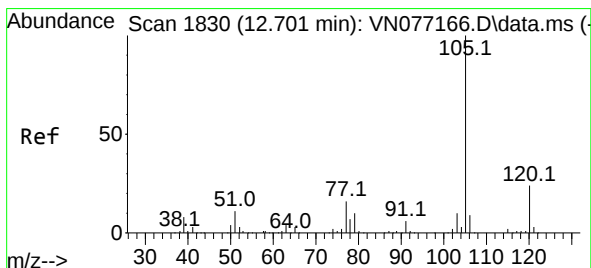
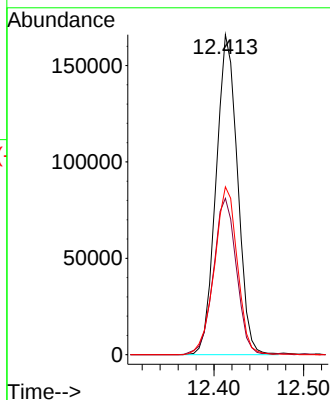
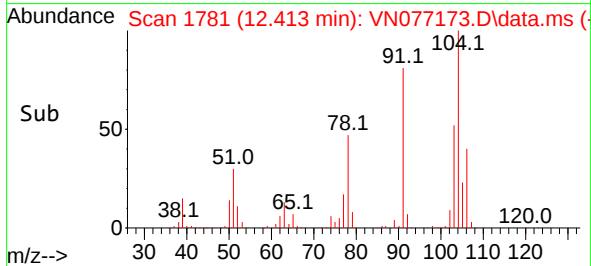
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



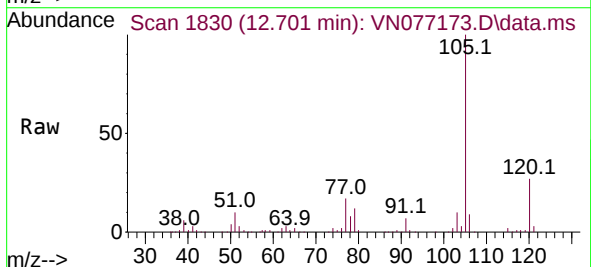
Tgt Ion:104 Resp: 276658
Ion Ratio Lower Upper
104 100
78 52.1 39.6 59.4
103 55.9 43.9 65.9

Manual Integrations
APPROVED

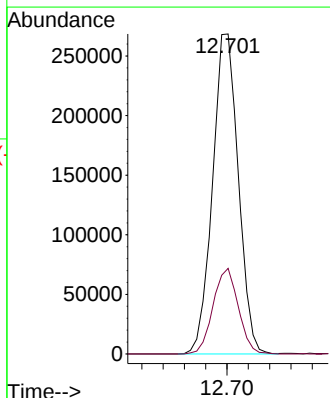
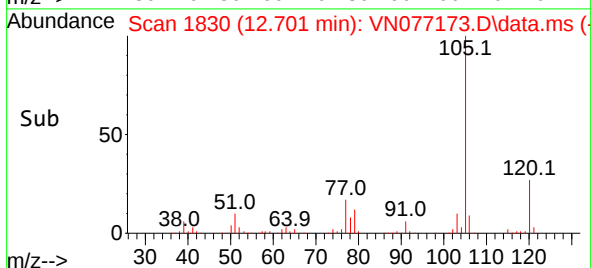
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

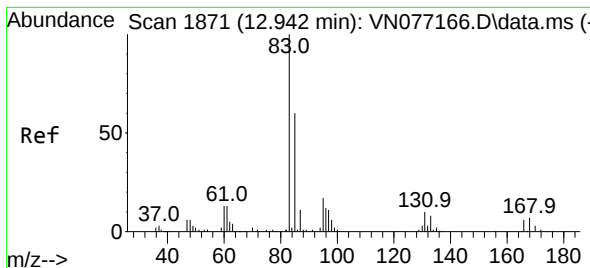


#70
Isopropylbenzene
Concen: 19.975 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43



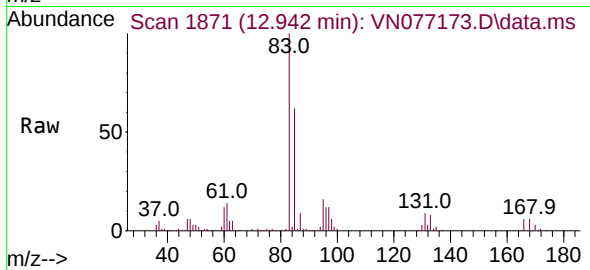
Tgt Ion:105 Resp: 450908
Ion Ratio Lower Upper
105 100
120 26.1 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 20.443 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

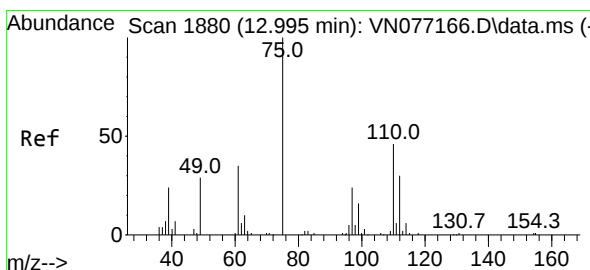
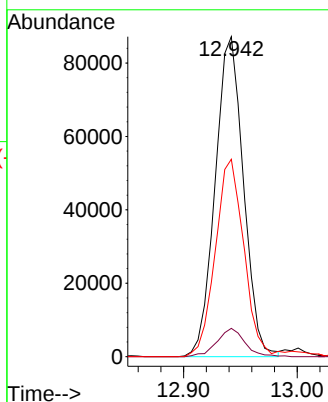
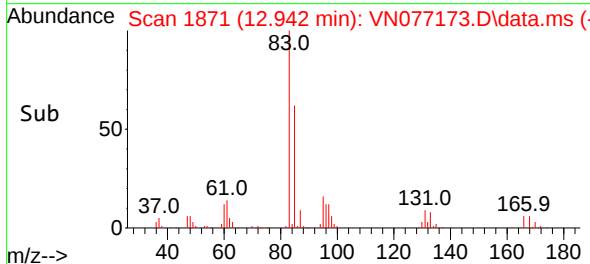
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



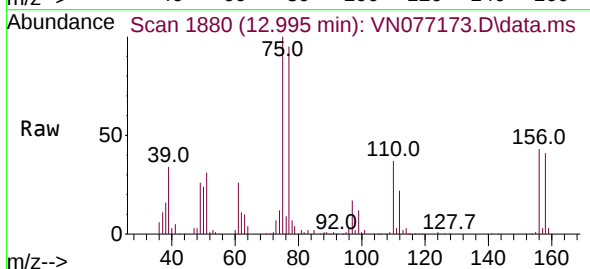
Tgt Ion: 83 Resp: 151054
Ion Ratio Lower Upper
83 100
131 8.8 5.0 14.9
85 61.8 32.3 96.9

Manual Integrations
APPROVED

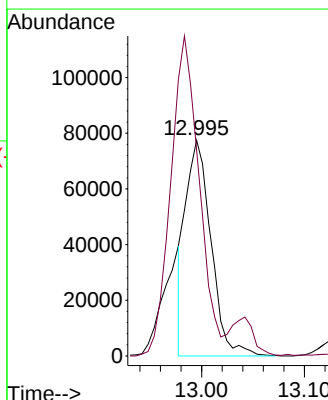
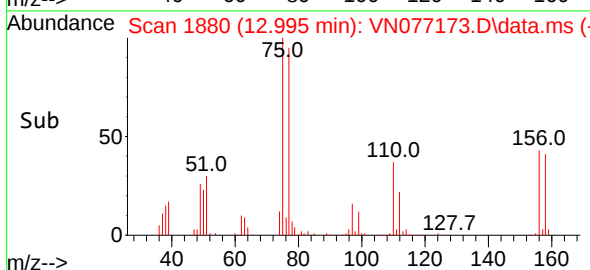
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

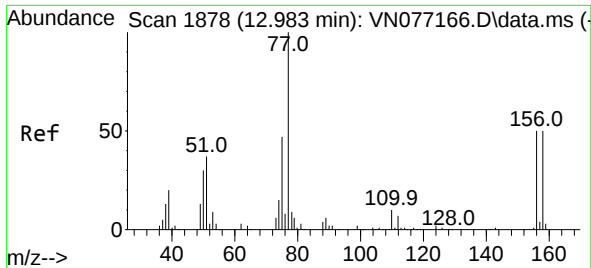


#72
1,2,3-Trichloropropane
Concen: 20.281 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43



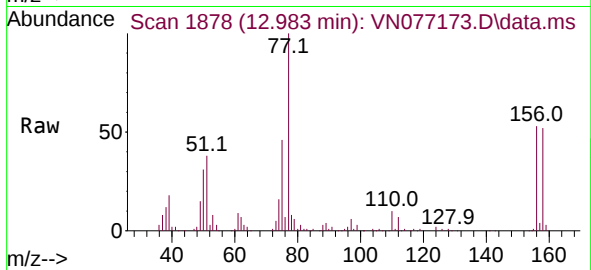
Tgt Ion: 75 Resp: 132637
Ion Ratio Lower Upper
75 100
77 165.9 0.0 332.6





#73
Bromobenzene
Concen: 19.863 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

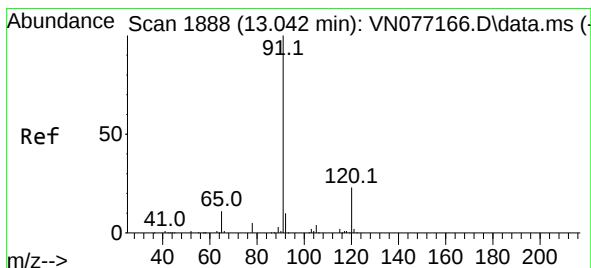
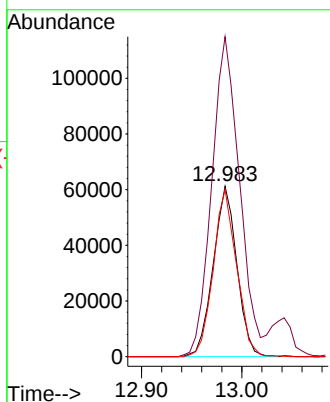
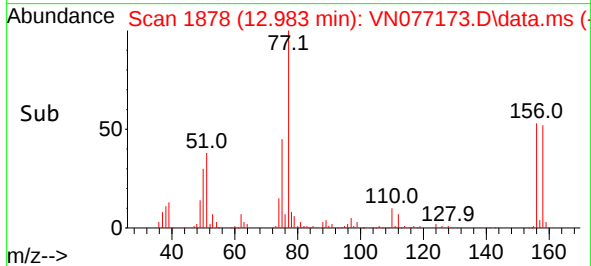
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:156 Resp: 100240
Ion Ratio Lower Upper
156 100
77 219.5 0.0 423.0
158 97.0 0.0 188.6

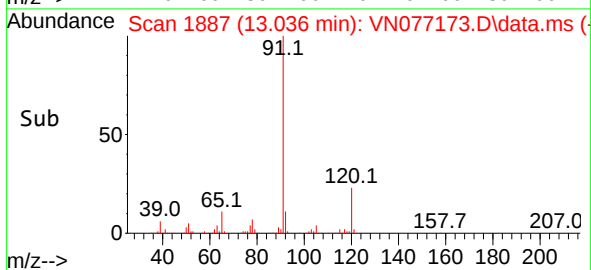
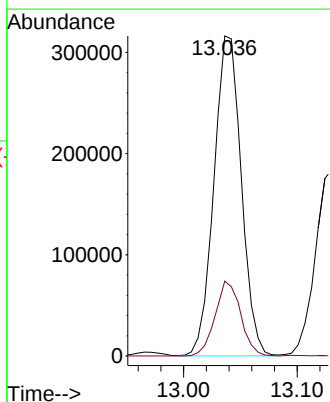
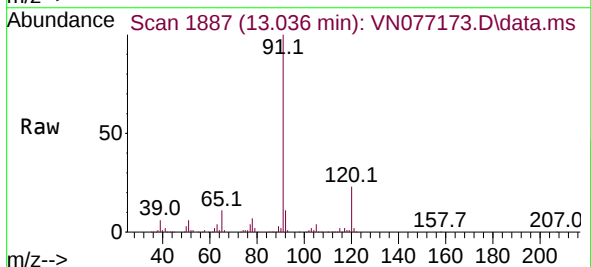
Manual Integrations
APPROVED

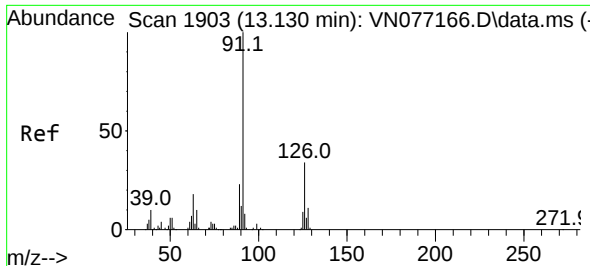
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#74
n-propylbenzene
Concen: 20.232 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Tgt Ion: 91 Resp: 528732
Ion Ratio Lower Upper
91 100
120 21.8 0.0 44.0





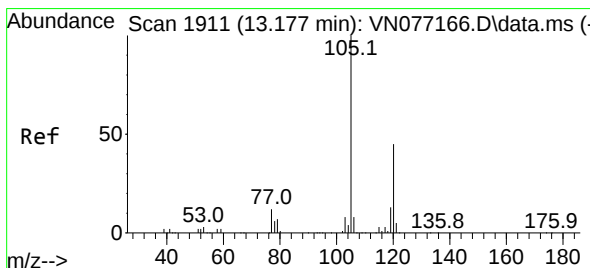
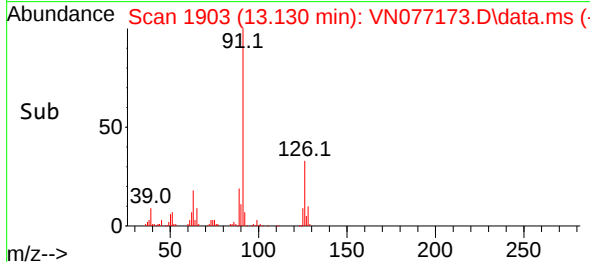
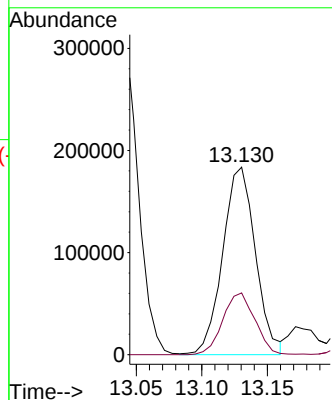
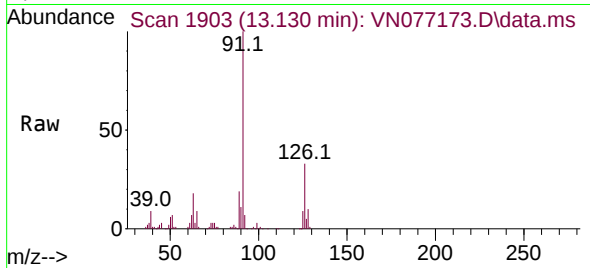
#75
2-Chlorotoluene
Concen: 20.268 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 31935
Ion Ratio Lower Upper
91 100
126 32.3 0.0 66.4

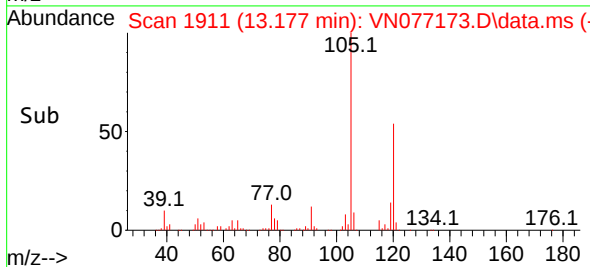
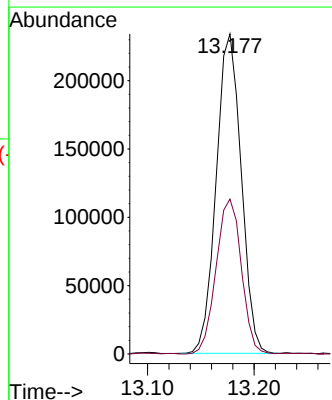
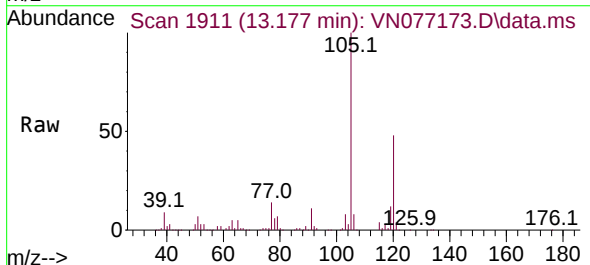
Manual Integrations
APPROVED

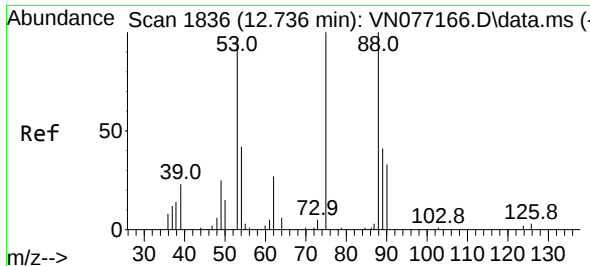
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.295 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Tgt Ion:105 Resp: 380270
Ion Ratio Lower Upper
105 100
120 49.0 0.0 103.2





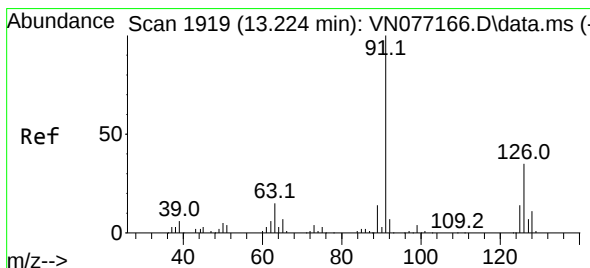
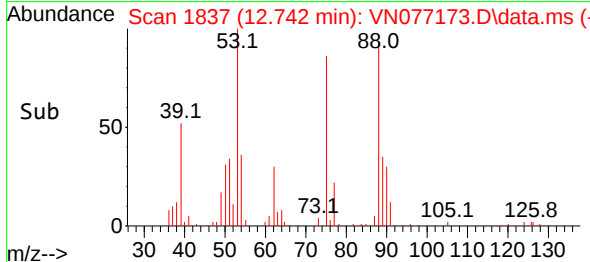
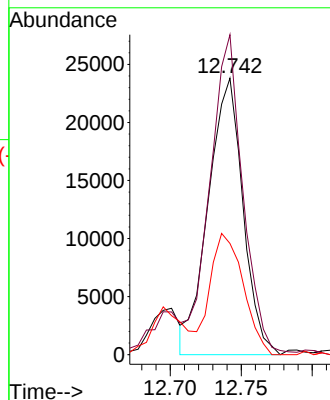
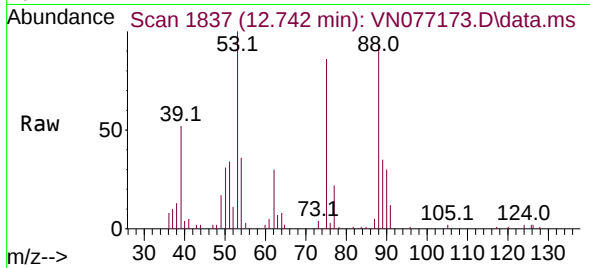
#77
t-1,4-Dichloro-2-butene
Concen: 19.397 ug/l
RT: 12.742 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 40440
Ion Ratio Lower Upper
75 100
53 114.2 50.4 151.3
89 40.2 22.1 66.5

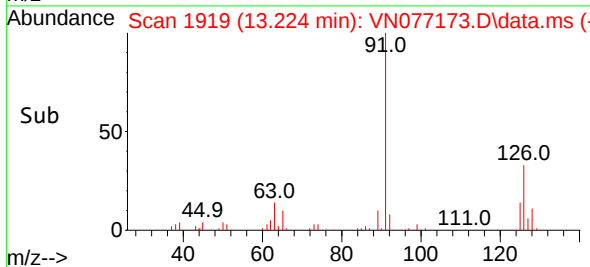
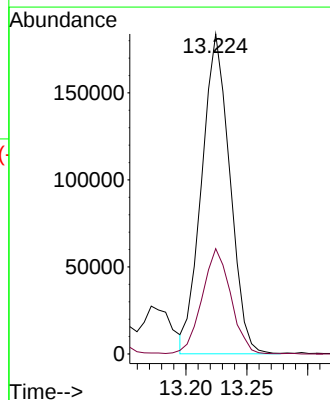
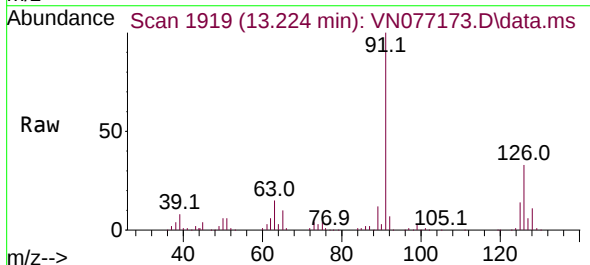
Manual Integrations
APPROVED

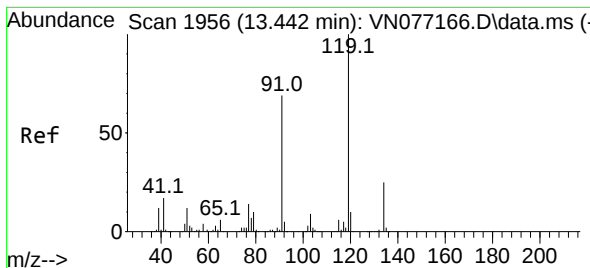
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#78
4-Chlorotoluene
Concen: 19.472 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Tgt Ion: 91 Resp: 295144
Ion Ratio Lower Upper
91 100
126 33.5 0.0 70.6





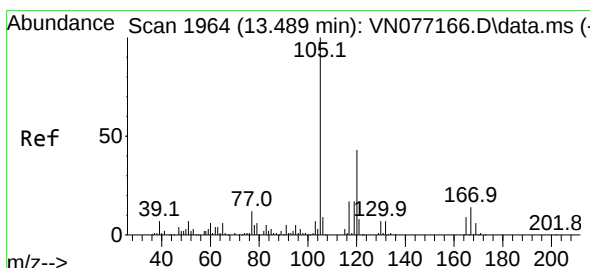
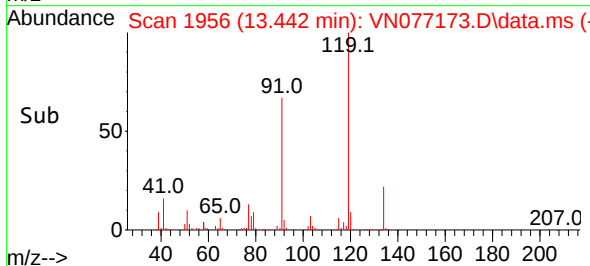
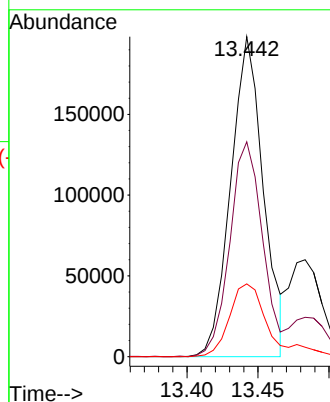
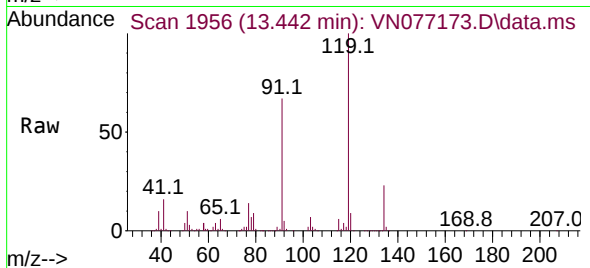
#79
tert-butylbenzene
Concen: 19.796 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 316880
Ion Ratio Lower Upper
119 100
91 67.2 0.0 129.6
134 24.7 0.0 47.8

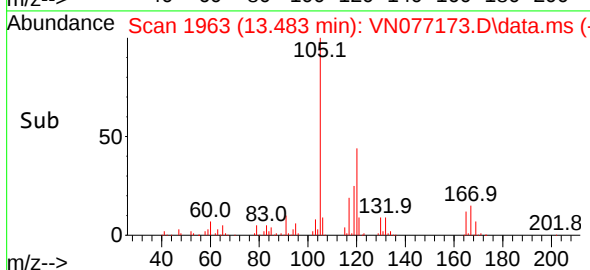
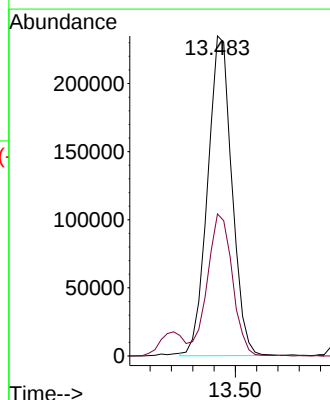
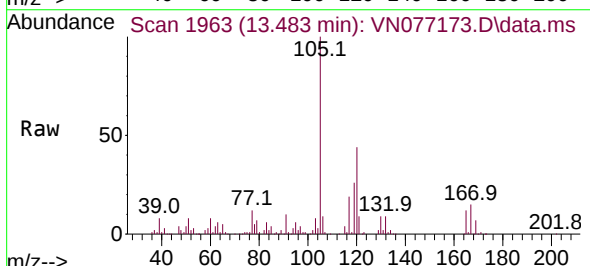
Manual Integrations
APPROVED

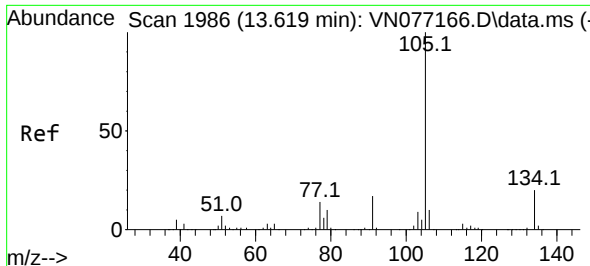
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#80
1,2,4-Trimethylbenzene
Concen: 19.977 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.006 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

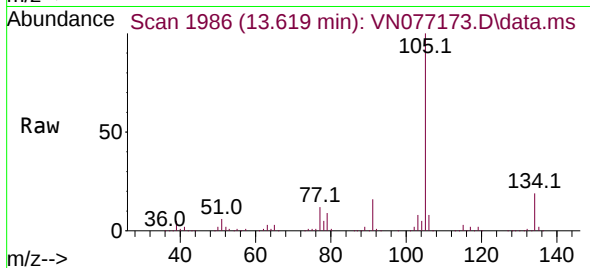
Tgt Ion:105 Resp: 371466
Ion Ratio Lower Upper
105 100
120 45.7 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 19.790 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077173.D
 Acq: 24 Mar 2023 10:43

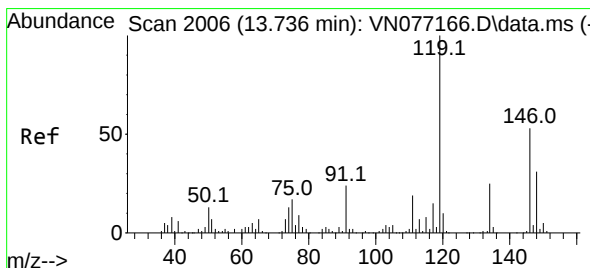
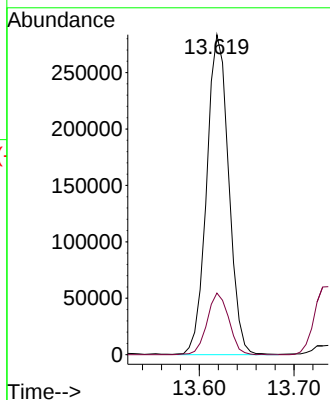
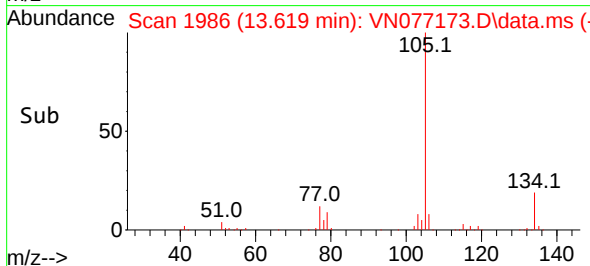
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



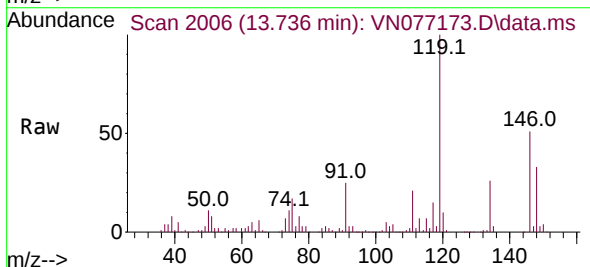
Tgt Ion:105 Resp: 45740
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 39.4

Manual Integrations
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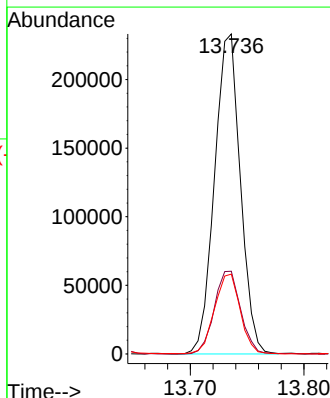
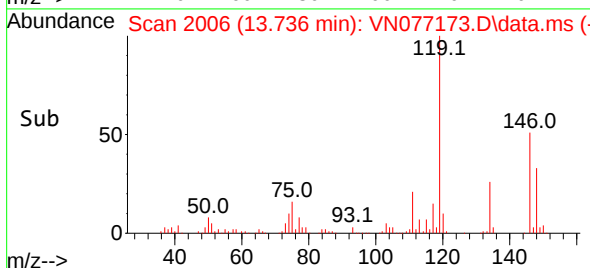
Reviewed By :John Carlone 03/27/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023

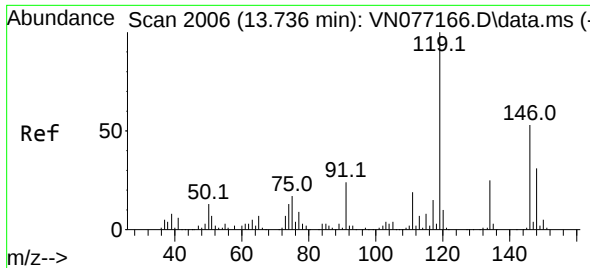


#82
 p-Isopropyltoluene
 Concen: 19.905 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077173.D
 Acq: 24 Mar 2023 10:43



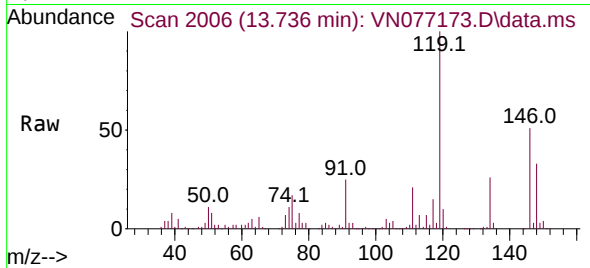
Tgt Ion:119 Resp: 368786
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 53.4
 91 25.0 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 20.121 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

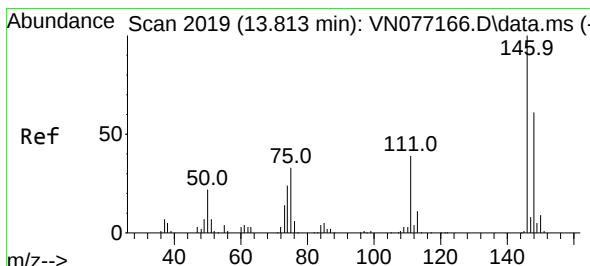
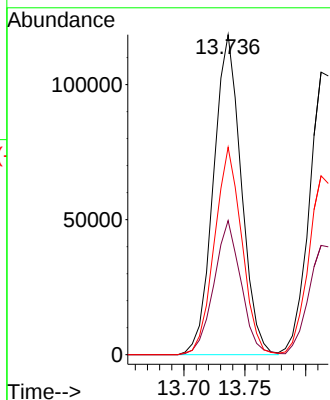
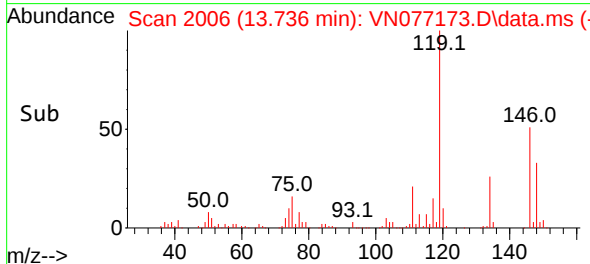
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



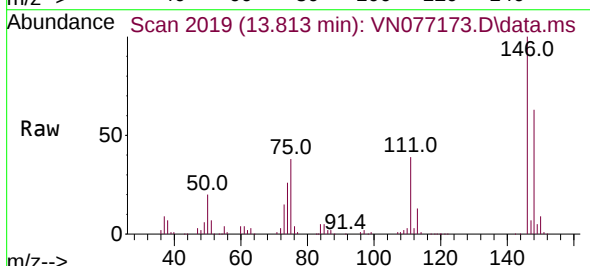
Tgt Ion:146 Resp: 188015
Ion Ratio Lower Upper
146 100
111 40.9 20.3 60.8
148 63.8 31.9 95.5

Manual Integrations
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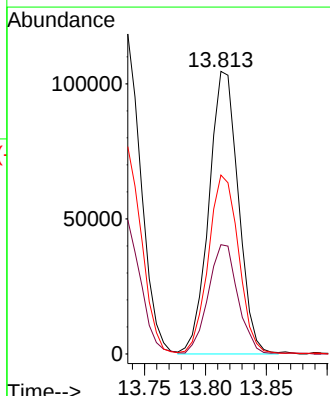
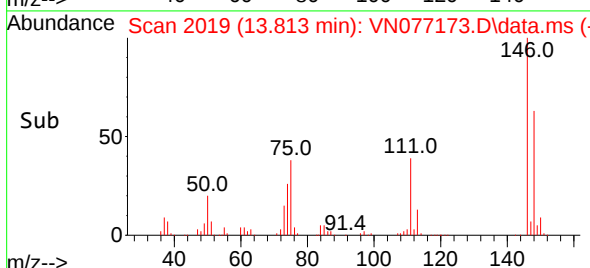
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

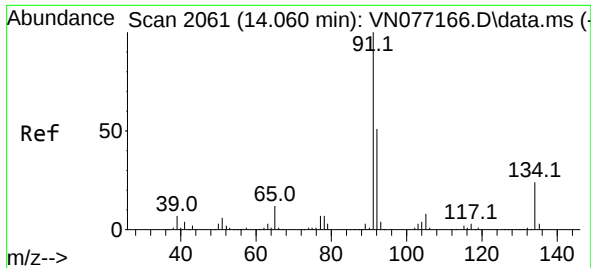


#84
1,4-Dichlorobenzene
Concen: 19.364 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43



Tgt Ion:146 Resp: 176263
Ion Ratio Lower Upper
146 100
111 38.9 18.2 54.6
148 64.9 31.1 93.2





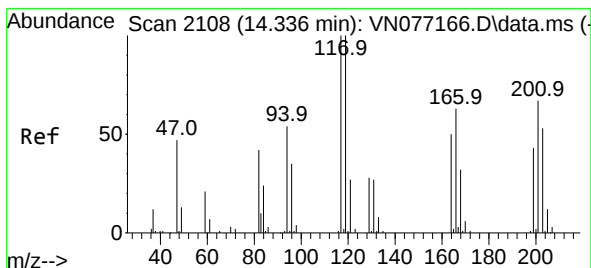
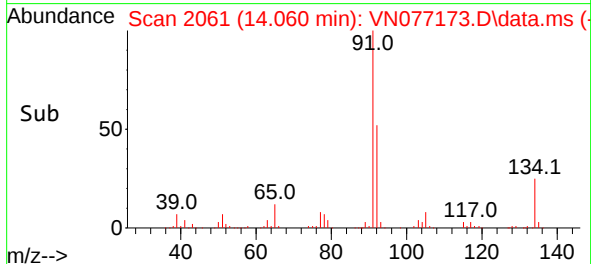
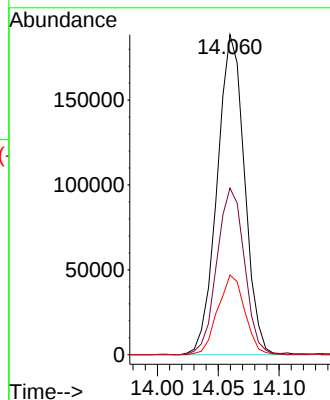
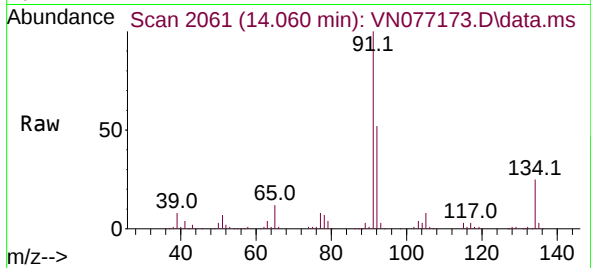
#85
n-Butylbenzene
Concen: 18.831 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 29489
Ion Ratio Lower Upper
91 100
92 52.4 0.0 103.2
134 24.5 0.0 50.0

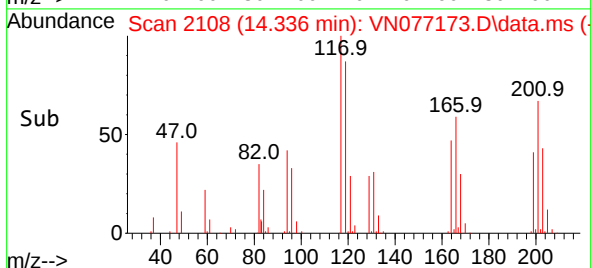
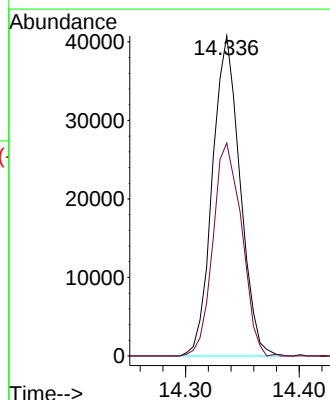
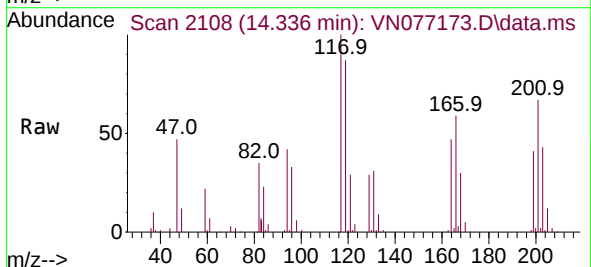
Manual Integrations
APPROVED

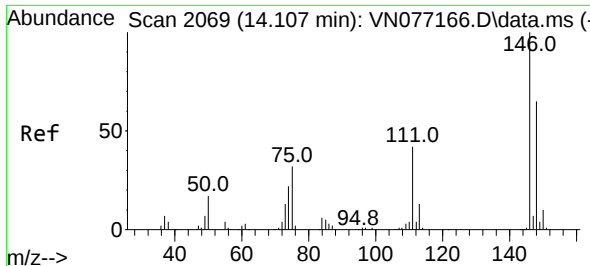
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#86
Hexachloroethane
Concen: 19.508 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Tgt Ion:117 Resp: 68924
Ion Ratio Lower Upper
117 100
201 68.9 32.2 96.6





#87

1,2-Dichlorobenzene

Concen: 19.617 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077173.D

Acq: 24 Mar 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:146 Resp: 183300

Ion Ratio Lower Upper

146 100

111 43.4 20.5 61.6

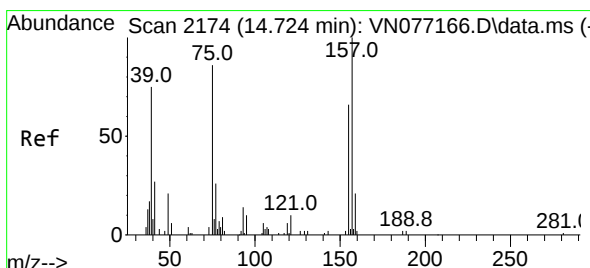
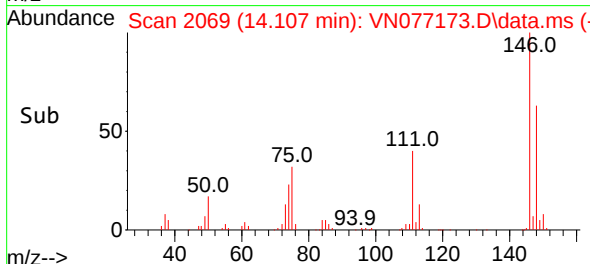
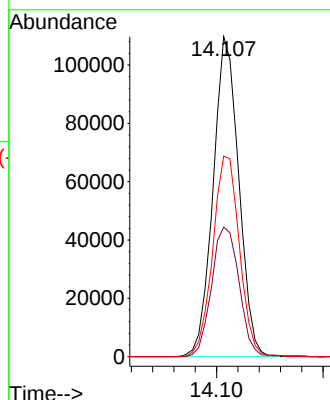
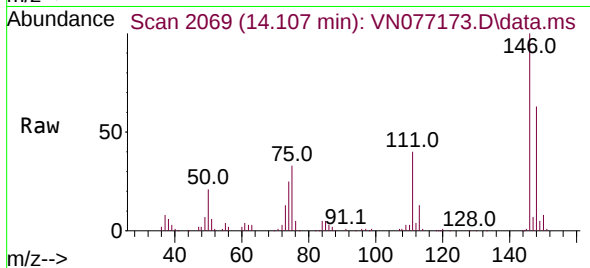
148 65.0 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.073 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN077173.D

Acq: 24 Mar 2023 10:43

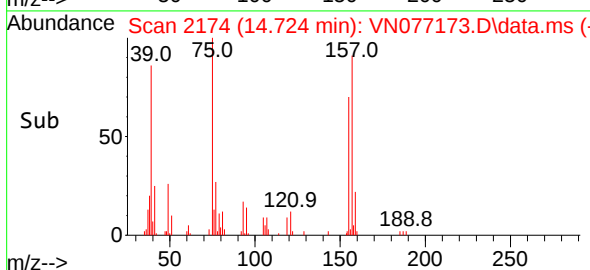
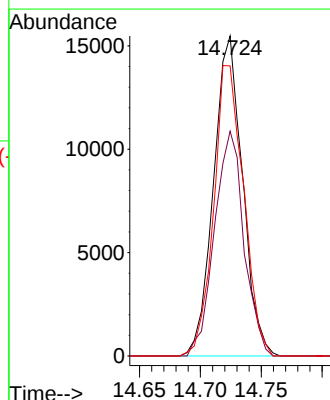
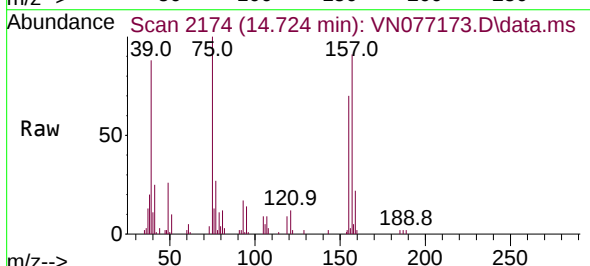
Tgt Ion: 75 Resp: 25623

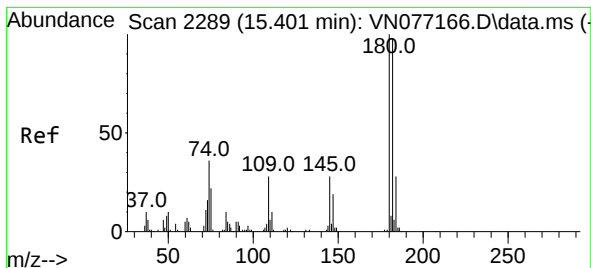
Ion Ratio Lower Upper

75 100

155 71.3 62.5 93.7

157 93.2 77.5 116.3





#89

1,2,4-Trichlorobenzene

Concen: 16.555 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN077173.D

Acq: 24 Mar 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

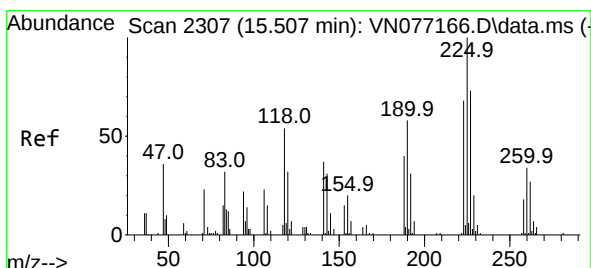
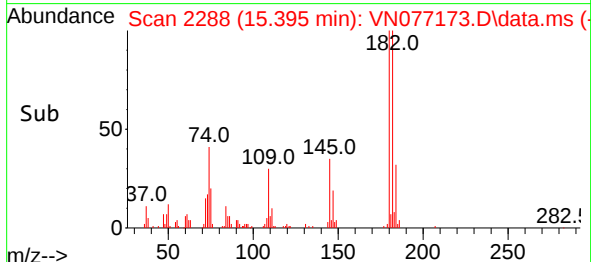
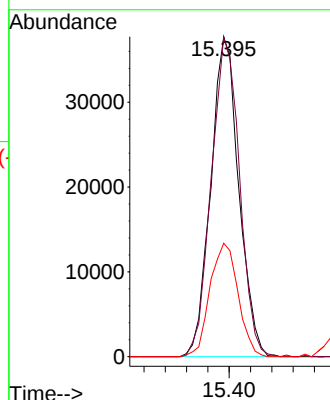
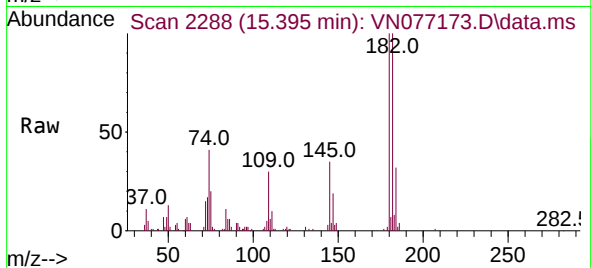
Tgt Ion:	180	Resp:	69010
Ion Ratio	Lower	Upper	
180	100		
182	100.3	76.6	115.0
145	35.5	24.6	36.8

Manual Integrations

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Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#90

Hexachlorobutadiene

Concen: 20.581 ug/l

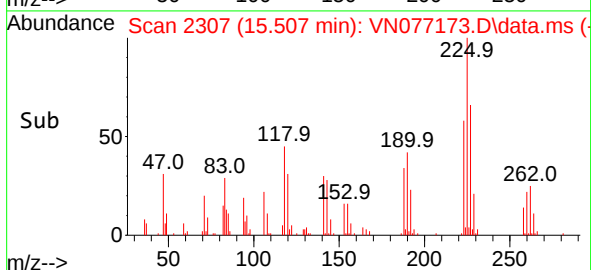
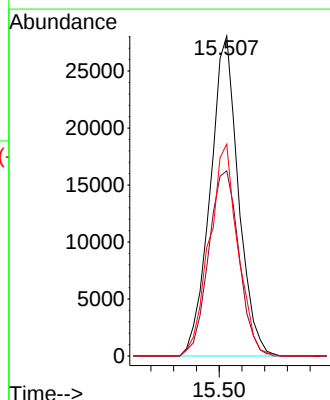
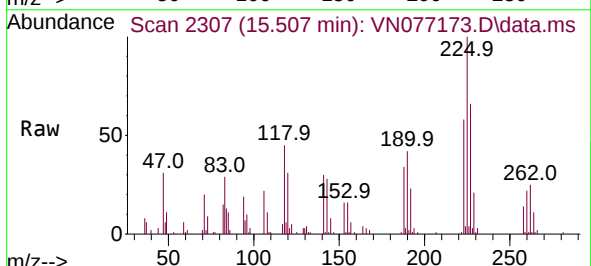
RT: 15.507 min Scan# 2307

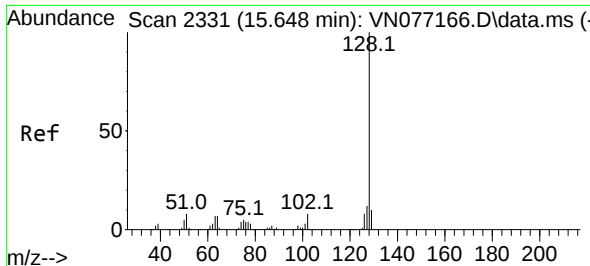
Delta R.T. -0.000 min

Lab File: VN077173.D

Acq: 24 Mar 2023 10:43

Tgt Ion:	225	Resp:	48400
Ion Ratio	Lower	Upper	
225	100		
223	62.3	0.0	135.4
227	66.7	0.0	129.4





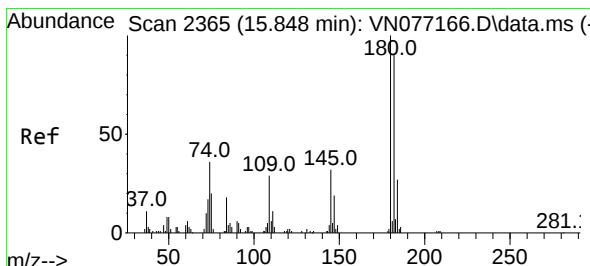
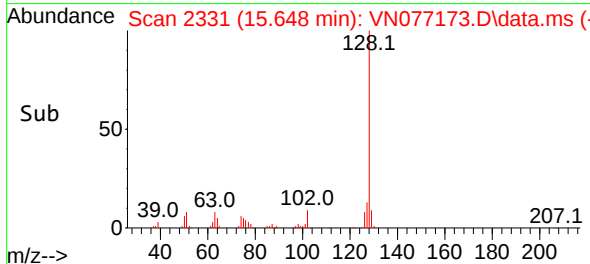
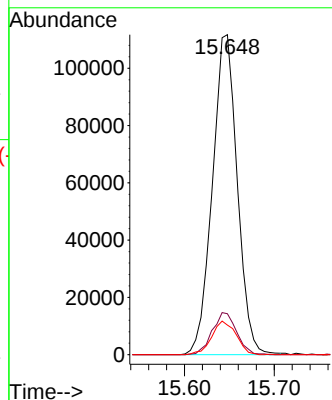
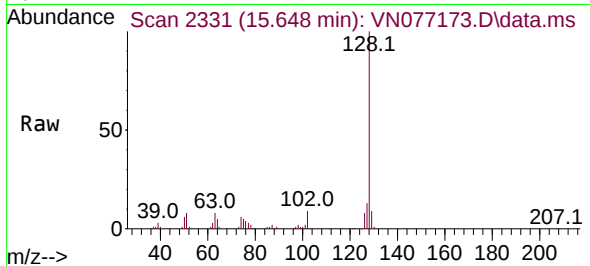
#91
Naphthalene
Concen: 15.754 ug/l
RT: 15.648 min Scan# 21550
Delta R.T. -0.000 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 21550
Ion Ratio Lower Upper
128 100
127 12.8 11.0 16.6
129 10.3 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#92
1,2,3-Trichlorobenzene
Concen: 17.323 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.006 min
Lab File: VN077173.D
Acq: 24 Mar 2023 10:43

Tgt Ion:180 Resp: 71707
Ion Ratio Lower Upper
180 100
182 94.9 0.0 190.8
145 31.9 0.0 65.0

