

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032423\
 Data File : VN077174.D
 Acq On : 24 Mar 2023 11:09
 Operator : JC\MD
 Sample : VN0324WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBS01

Manual Integrations
 APPROVED

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

Quant Time: Mar 24 23:26:57 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	43949	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	307332	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	341818	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	138072	30.935	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.100%	
60) 4-Bromofluorobenzene	12.854	95	182762	29.763	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.200%	
63) Toluene-d8	10.572	98	368474	30.198	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.667%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.143	85	62695	21.665	ug/l	93
3) Chloromethane	2.378	50	96153	20.879	ug/l	98
4) Vinyl Chloride	2.525	62	137033	21.105	ug/l	98
5) Bromomethane	2.972	94	121401	26.666	ug/l	99
6) Chloroethane	3.131	64	124046	22.917	ug/l	98
7) Trichlorofluoromethane	3.513	101	184736	19.765	ug/l	97
8) Diethyl Ether	3.978	74	63890	19.481	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.390	101	98823	20.220	ug/l	94
10) 1,1-Dichloroethene	4.354	96	90067	19.695	ug/l	91
11) Methyl Iodide	4.607	142	102811	21.109	ug/l	99
12) Methyl Acetate	5.037	43	187880	19.052	ug/l	96
13) Acrolein	4.190	56	132805	99.377	ug/l	97
14) Acrylonitrile	5.731	53	280877	93.897	ug/l	99
15) Acetone	4.437	58	94014	120.198	ug/l	97
16) Carbon Disulfide	4.731	76	257830	19.963	ug/l	100
17) Allyl chloride	5.043	41	164711	20.479	ug/l	94
18) Methylene Chloride	5.296	84	115029	20.467	ug/l #	94
19) trans-1,2-Dichloroethene	5.801	96	97139	19.827	ug/l	94
20) Diisopropyl ether	6.684	45	367445	20.167	ug/l	96
21) 1,1-Dichloroethane	6.578	63	207127	20.192	ug/l #	94
22) cis-1,2-Dichloroethene	7.495	96	118432	20.474	ug/l	99
23) tert-Butyl Alcohol	5.537	59	86187	84.884	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	319636	19.687	ug/l	98
25) Chloroform	7.972	83	204470	20.372	ug/l	100
26) Cyclohexane	8.266	56	181054	20.926	ug/l #	99
29) 1,1-Dichloropropene	8.378	75	151784	20.359	ug/l	97
30) 2-Butanone	7.489	43	432925	100.656	ug/l	97
31) 2,2-Dichloropropane	7.495	77	159849	22.888	ug/l #	64
32) 1,1,1-Trichloroethane	8.172	97	172885	19.233	ug/l	98
33) Carbon Tetrachloride	8.372	117	151364	20.044	ug/l	94
34) Benzene	8.613	78	448285	19.616	ug/l	98
35) Methacrylonitrile	7.784	41	90221	19.109	ug/l	97
36) 1,2-Dichloroethane	8.678	62	168062	19.948	ug/l	99
37) Trichloroethene	9.354	130	104824	20.289	ug/l	100
38) Methylcyclohexane	9.607	83	171894	19.368	ug/l	94
39) 1,2-Dichloropropane	9.625	63	120744	19.736	ug/l	96
40) Dibromomethane	9.713	93	77884	19.907	ug/l	95
41) Bromodichloromethane	9.889	83	155472	19.515	ug/l	100
42) Vinyl Acetate	6.613	43	1240971	96.260	ug/l	99

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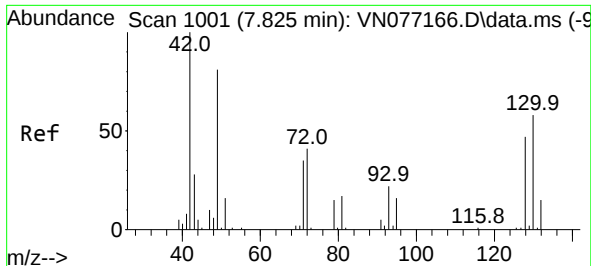
Manual Integrations
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 Supervised By : Semsettin Yesilyurt 03/27/2023

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.572	43	165498	19.261	ug/l	100
44) Isopropyl Acetate	8.695	43	255598	18.433	ug/l	100
45) 1,4-Dioxane	9.695	88	40185	356.411	ug/l	96
46) Methyl methacrylate	9.683	41	124395	19.457	ug/l	97
47) n-amyl Acetate	12.495	43	209737	17.979	ug/l	96
48) t-1,3-Dichloropropene	10.836	75	161143	19.913	ug/l	98
49) cis-1,3-Dichloropropene	10.319	75	174966	19.750	ug/l	96
50) 1,1,2-Trichloroethane	11.019	97	108041	19.673	ug/l	96
51) Ethyl methacrylate	10.878	69	156943	18.509	ug/l	96
52) 1,3-Dichloropropane	11.166	76	193244	19.823	ug/l	99
53) Dibromochloromethane	11.360	129	109929	19.333	ug/l	100
54) 1,2-Dibromoethane	11.472	107	106582	19.722	ug/l	98
55) 2-Chloroethyl vinyl ether	10.166	63	312889	88.255	ug/l	98
56) Bromoform	12.583	173	74681	18.717	ug/l	98
58) 4-Methyl-2-Pentanone	10.448	43	824006	93.403	ug/l	97
59) 2-Hexanone	11.201	43	611223	95.022	ug/l	98
61) Tetrachloroethene	11.107	164	87989	20.510	ug/l	93
62) Toluene	10.630	91	475891	19.809	ug/l	100
64) Chlorobenzene	11.895	112	280354	19.725	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.966	131	101837	19.510	ug/l	96
66) Ethyl Benzene	11.966	91	518744	20.096	ug/l	99
67) m/p-Xylenes	12.072	106	397463	40.011	ug/l	95
68) o-Xylene	12.401	106	194550	20.002	ug/l	99
69) Styrene	12.413	104	307817	19.490	ug/l	98
70) Isopropylbenzene	12.701	105	501880	19.899	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.942	83	158032	19.142	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	145988m	19.978	ug/l	
73) Bromobenzene	12.983	156	109990	19.507	ug/l	96
74) n-propylbenzene	13.042	91	578846	19.824	ug/l	99
75) 2-Chlorotoluene	13.130	91	353273	20.066	ug/l	98
76) 1,3,5-Trimethylbenzene	13.177	105	410585	19.612	ug/l	97
77) t-1,4-Dichloro-2-butene	12.742	75	45111	19.366	ug/l	98
78) 4-Chlorotoluene	13.224	91	329786	19.473	ug/l	95
79) tert-butylbenzene	13.442	119	354036	19.795	ug/l	96
80) 1,2,4-Trimethylbenzene	13.483	105	416083	20.027	ug/l	96
81) sec-Butylbenzene	13.618	105	502625	19.463	ug/l	99
82) p-Isopropyltoluene	13.730	119	414479	20.022	ug/l	98
83) 1,3-Dichlorobenzene	13.736	146	205143	19.649	ug/l	100
84) 1,4-Dichlorobenzene	13.813	146	194443	19.118	ug/l	96
85) n-Butylbenzene	14.060	91	335603	19.180	ug/l	98
86) Hexachloroethane	14.336	117	76533	19.387	ug/l	96
87) 1,2-Dichlorobenzene	14.113	146	202397	19.385	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.724	75	29041	18.333	ug/l	94
89) 1,2,4-Trichlorobenzene	15.401	180	82624	17.740	ug/l	99
90) Hexachlorobutadiene	15.507	225	54030	20.563	ug/l	96
91) Naphthalene	15.648	128	259096	16.952	ug/l	98
92) 1,2,3-Trichlorobenzene	15.842	180	81956	17.720	ug/l	100

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



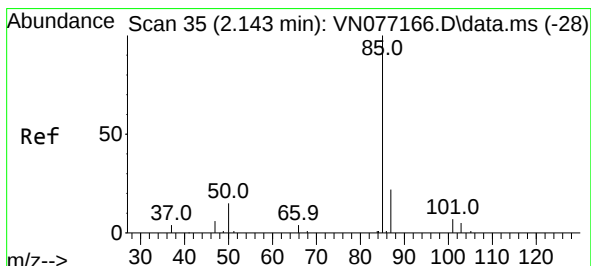
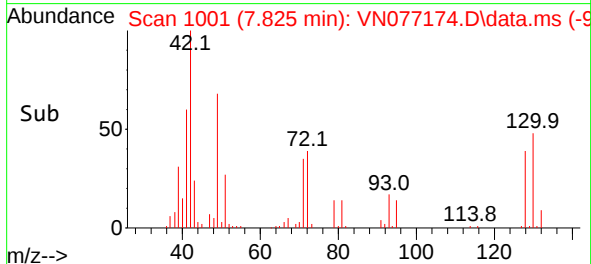
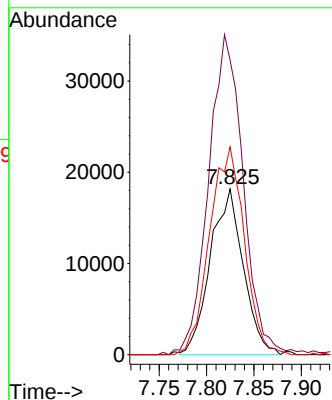
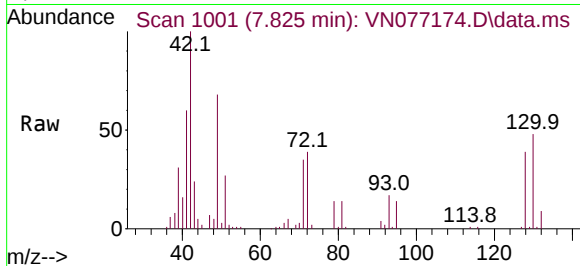
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion:128 Resp: 43949
Ion Ratio Lower Upper
128 100
49 203.2 0.0 461.8
130 132.5 0.0 295.3

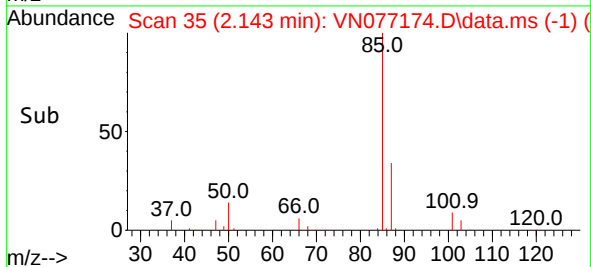
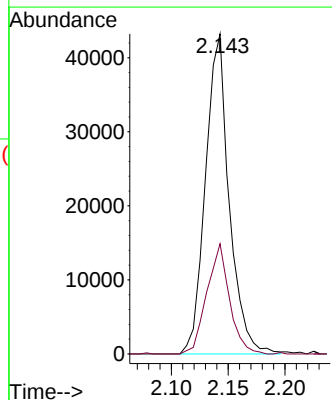
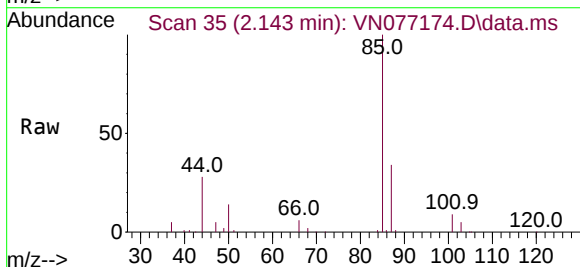
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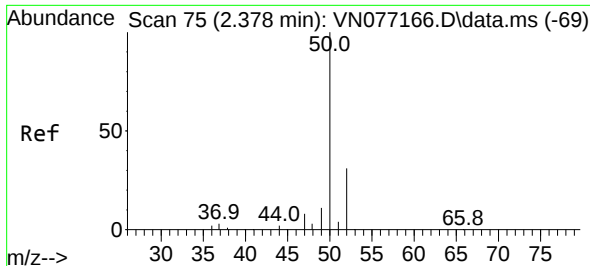
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#2
Dichlorodifluoromethane
Concen: 21.665 ug/l
RT: 2.143 min Scan# 35
Delta R.T. -0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Tgt Ion: 85 Resp: 62695
Ion Ratio Lower Upper
85 100
87 34.5 15.4 46.1





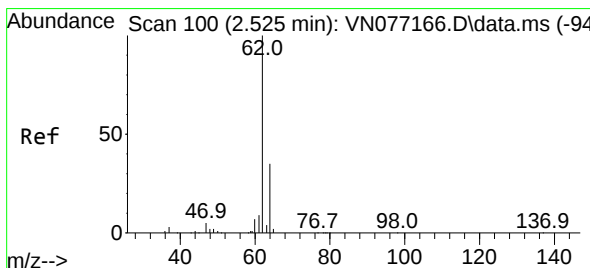
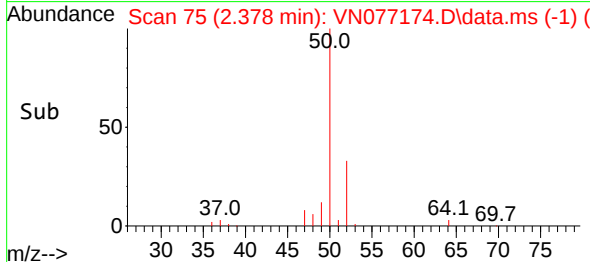
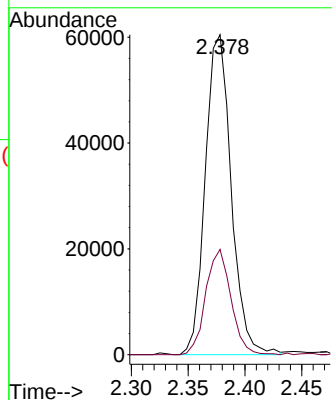
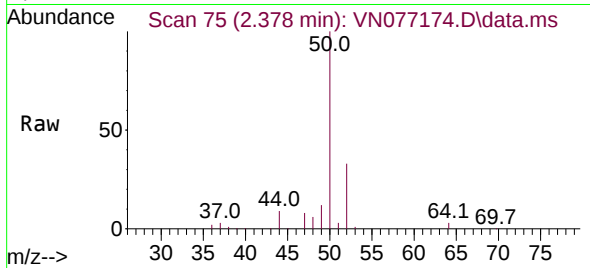
#3
Chloromethane
Concen: 20.879 ug/l
RT: 2.378 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion: 50 Resp: 9615
Ion Ratio Lower Upper
50 100
52 32.9 25.3 37.9

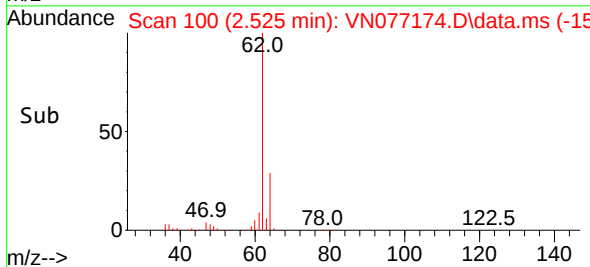
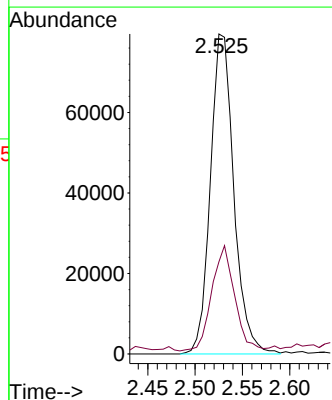
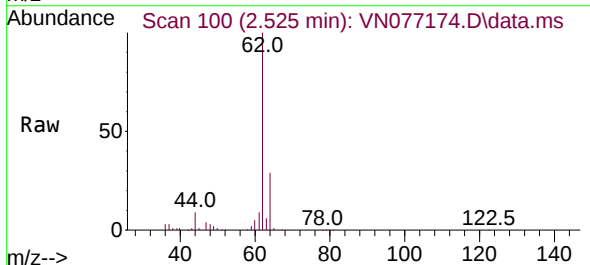
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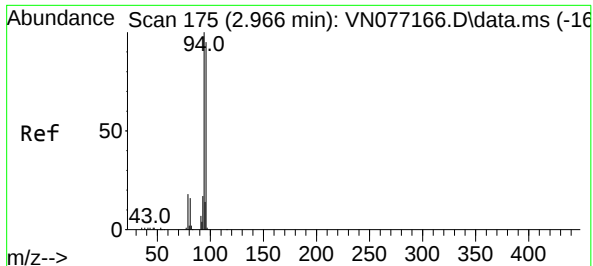
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#4
Vinyl Chloride
Concen: 21.105 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Tgt Ion: 62 Resp: 137033
Ion Ratio Lower Upper
62 100
64 27.9 23.1 34.7





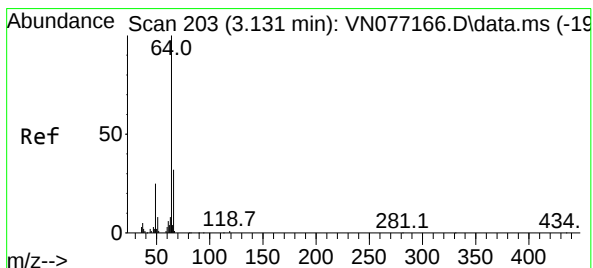
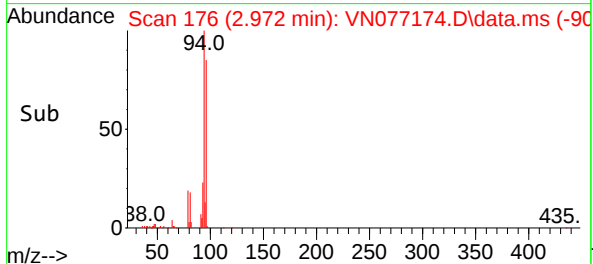
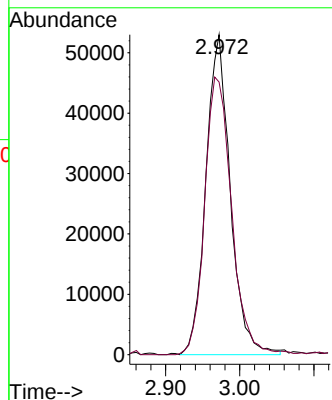
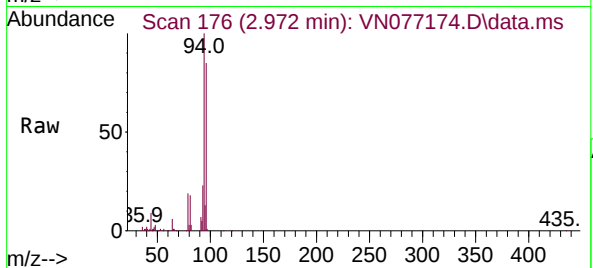
#5
Bromomethane
Concen: 26.666 ug/l
RT: 2.972 min Scan# 175
Delta R.T. 0.006 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Instrument :
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ClientSampleId :
VN0324WBS01

Tgt Ion: 94 Resp: 12140
Ion Ratio Lower Upper
94 100
96 84.8 68.6 103.0

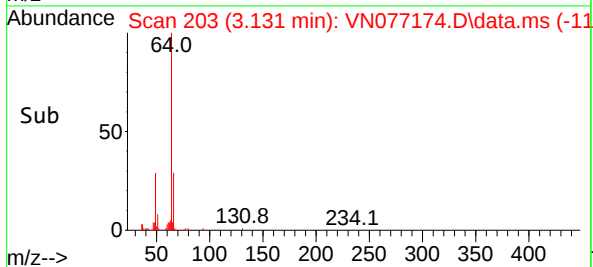
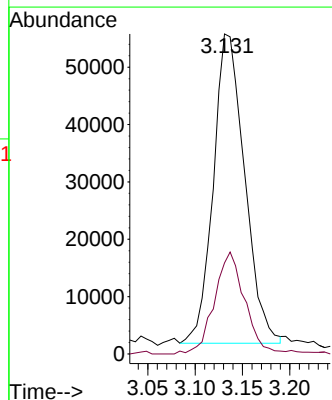
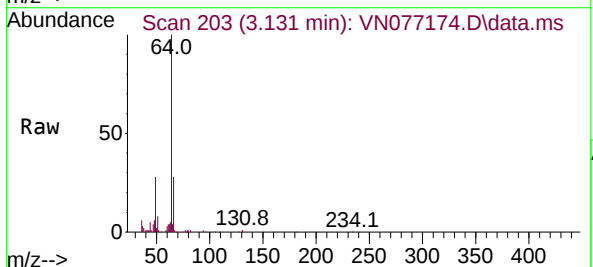
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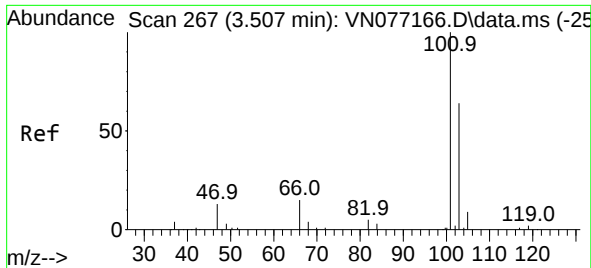
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#6
Chloroethane
Concen: 22.917 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Tgt Ion: 64 Resp: 124046
Ion Ratio Lower Upper
64 100
66 28.5 23.8 35.6





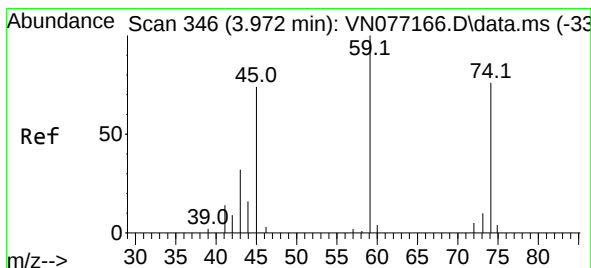
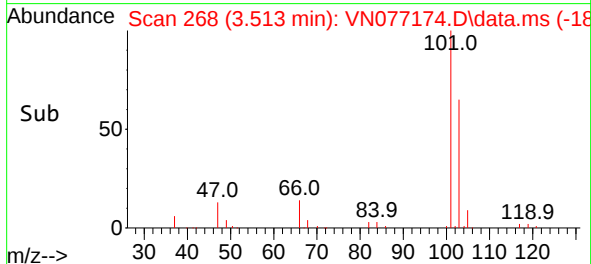
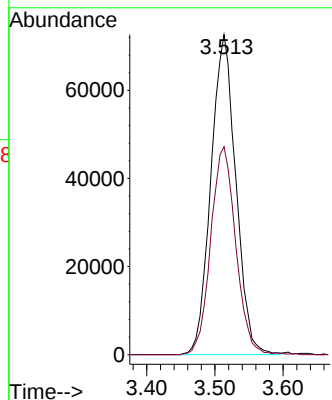
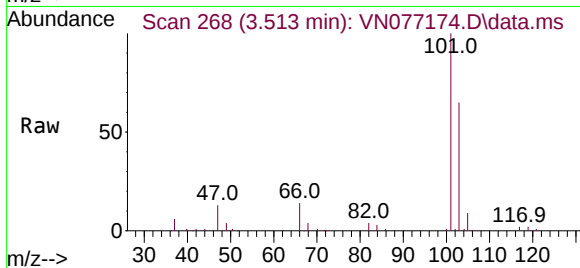
#7
Trichlorofluoromethane
Concen: 19.765 ug/l
RT: 3.513 min Scan# 268
Delta R.T. 0.006 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 184730
Ion Ratio Lower Upper
101 100
103 65.0 50.2 75.2

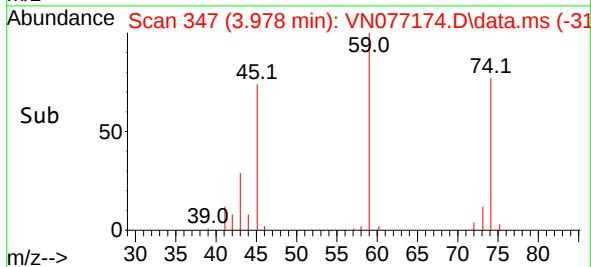
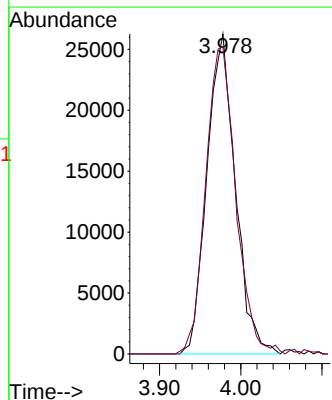
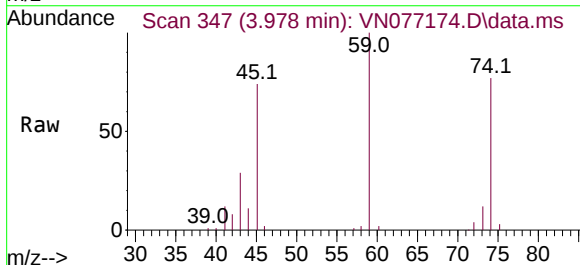
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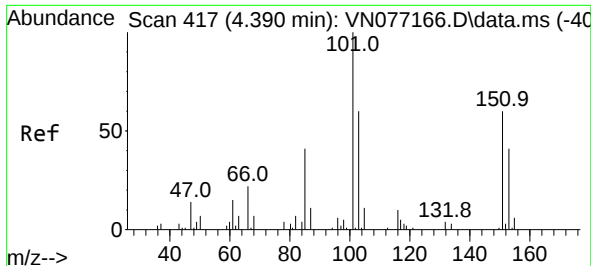
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#8
Diethyl Ether
Concen: 19.481 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Tgt Ion: 74 Resp: 63890
Ion Ratio Lower Upper
74 100
45 101.2 21.4 193.0





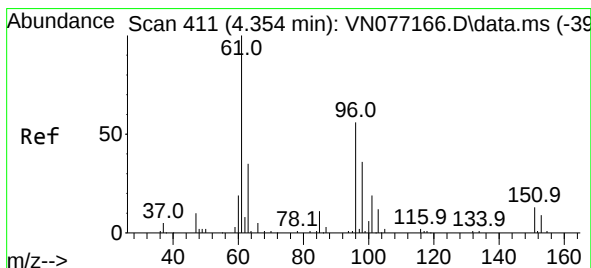
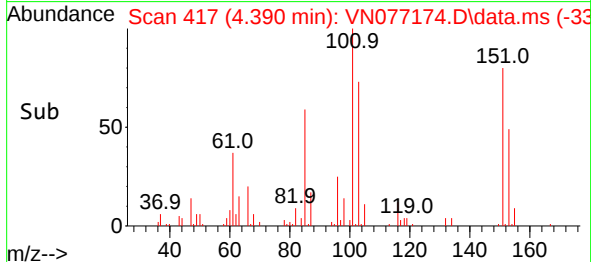
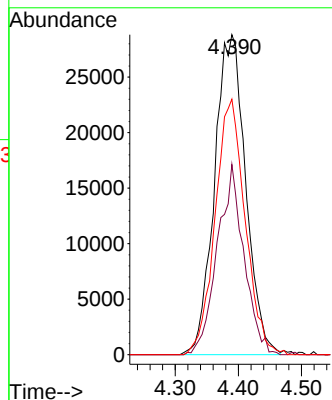
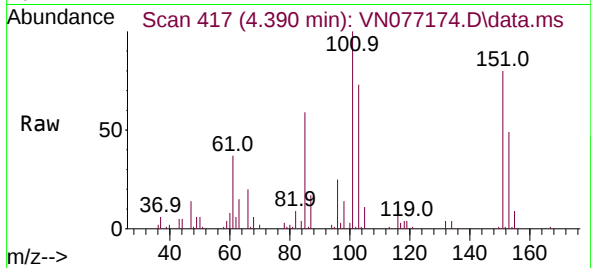
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1,1,2-Trichlorotrifluoroethane
Concen: 20.220 ug/l
RT: 4.390 min Scan# 417
Delta R.T. -0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion:101 Resp: 9882
Ion Ratio Lower Upper
101 100
85 50.7 0.0 95.2
151 76.9 0.0 142.2

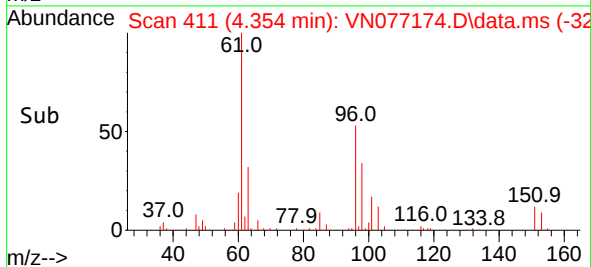
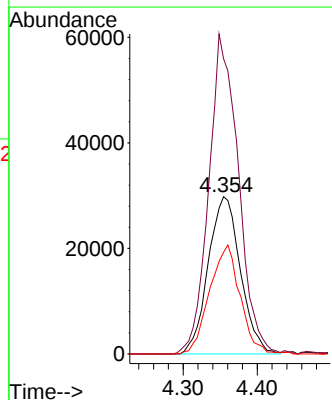
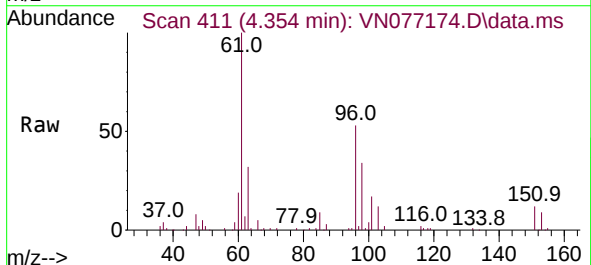
Manual Integrations
APPROVED

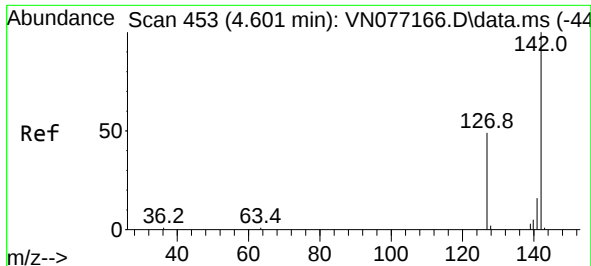
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#10
1,1-Dichloroethene
Concen: 19.695 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

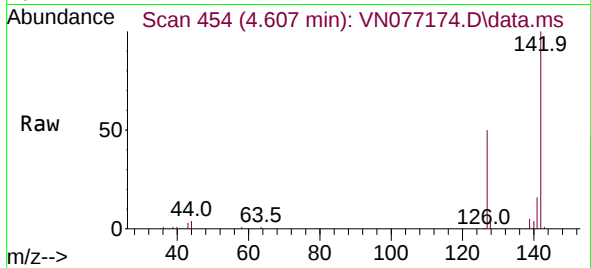
Tgt Ion: 96 Resp: 90067
Ion Ratio Lower Upper
96 100
61 186.8 137.1 205.7
98 64.5 53.2 79.8





#11
Methyl Iodide
Concen: 21.109 ug/l
RT: 4.607 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

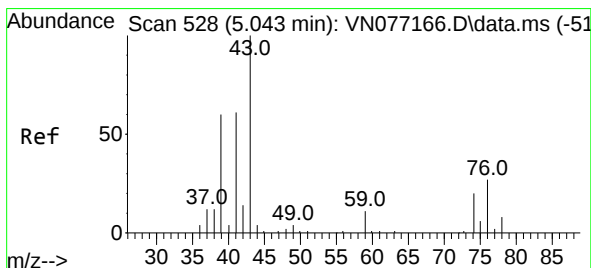
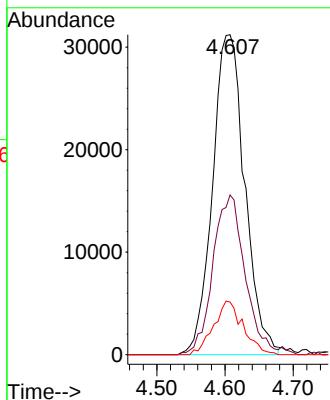
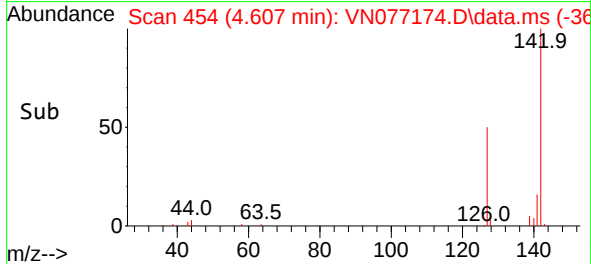
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion:142 Resp: 10281
Ion Ratio Lower Upper
142 100
127 49.7 25.0 75.0
141 16.6 8.0 24.0

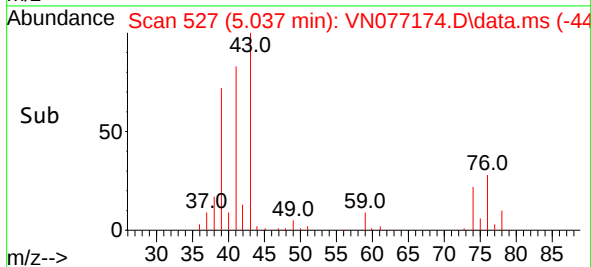
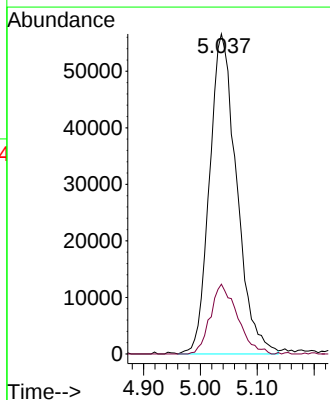
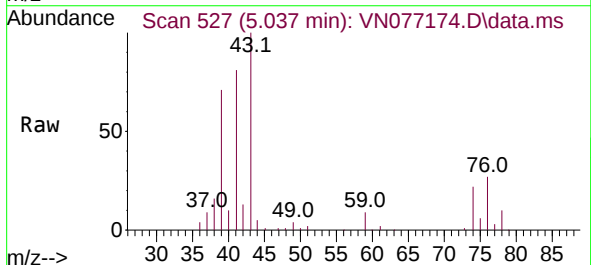
Manual Integrations
APPROVED

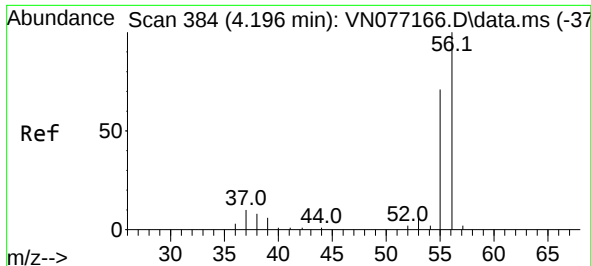
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#12
Methyl Acetate
Concen: 19.052 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Tgt Ion: 43 Resp: 187880
Ion Ratio Lower Upper
43 100
74 21.7 19.0 28.4





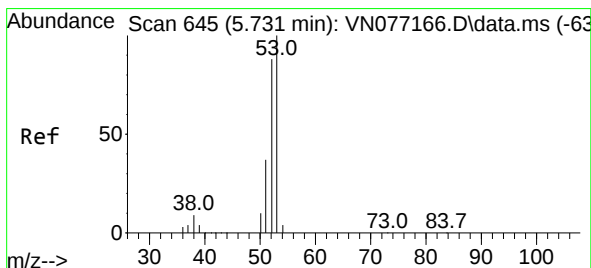
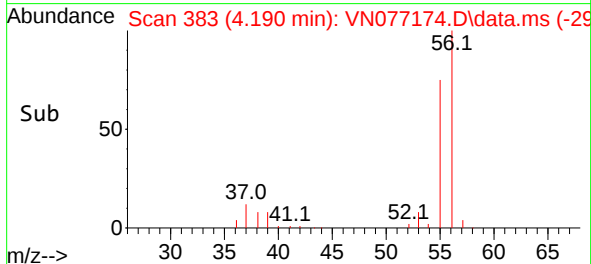
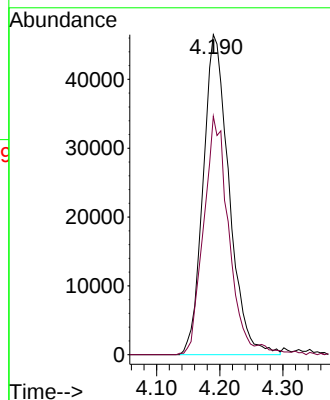
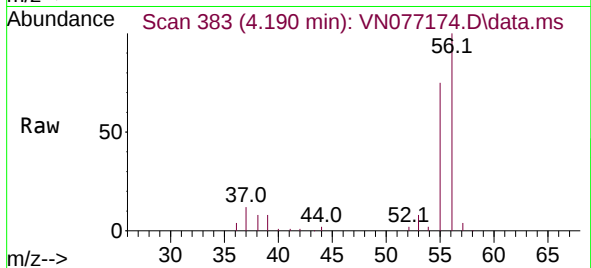
#13
Acrolein
Concen: 99.377 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.006 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion: 56 Resp: 132805
Ion Ratio Lower Upper
56 100
55 70.9 55.0 82.4

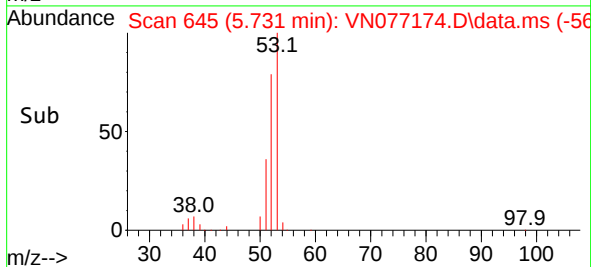
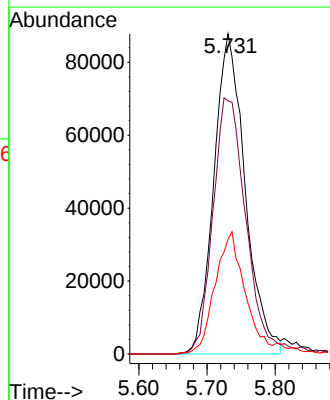
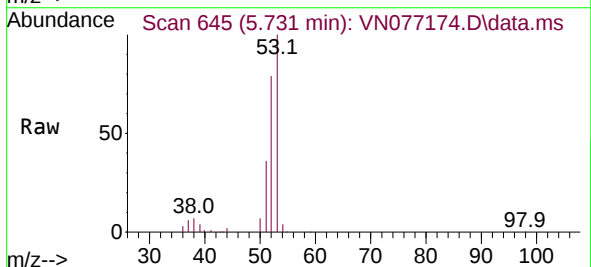
Manual Integrations
APPROVED

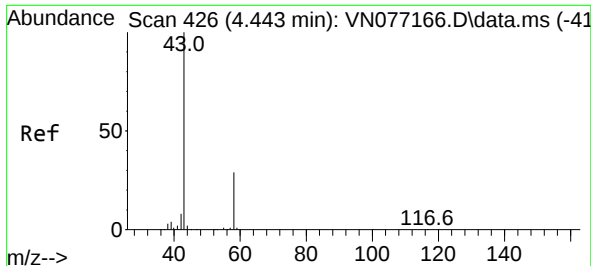
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#14
Acrylonitrile
Concen: 93.897 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Tgt Ion: 53 Resp: 280877
Ion Ratio Lower Upper
53 100
52 84.1 41.5 124.6
51 35.6 17.6 52.8





#15

Acetone

Concen: 120.198 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN077174.D

Acq: 24 Mar 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBS01

Tgt Ion: 58 Resp: 94014

Ion Ratio Lower Upper

58 100

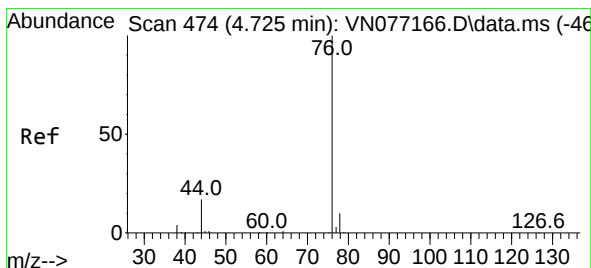
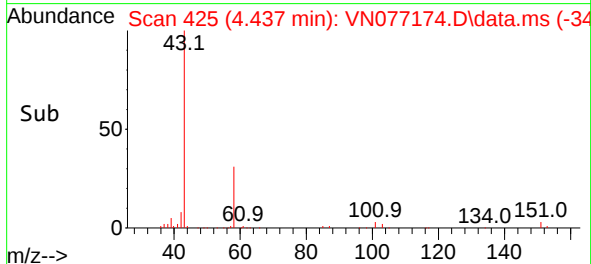
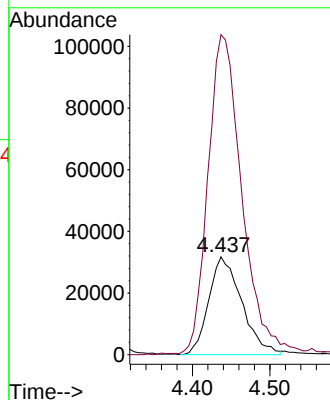
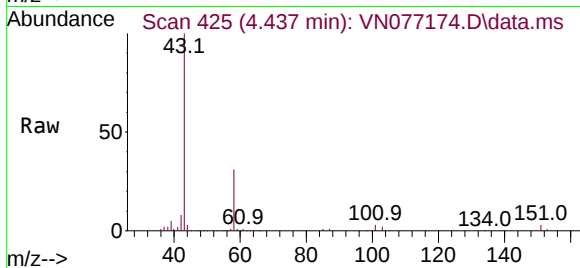
43 326.2 255.4 383.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#16

Carbon Disulfide

Concen: 19.963 ug/l

RT: 4.731 min Scan# 475

Delta R.T. 0.006 min

Lab File: VN077174.D

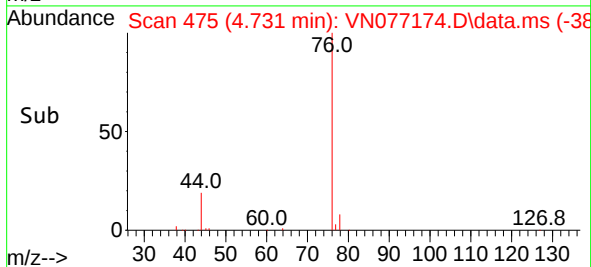
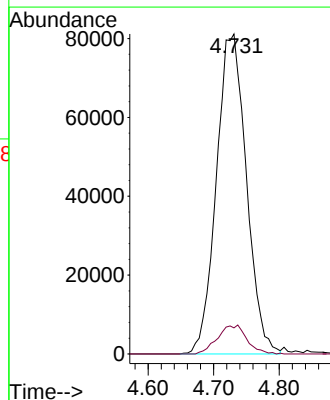
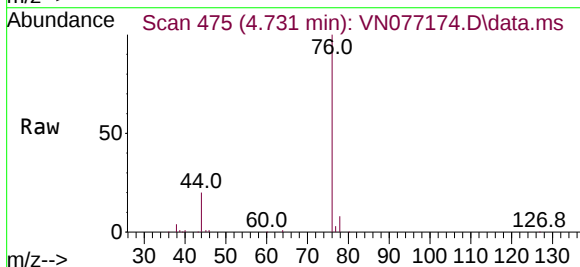
Acq: 24 Mar 2023 11:09

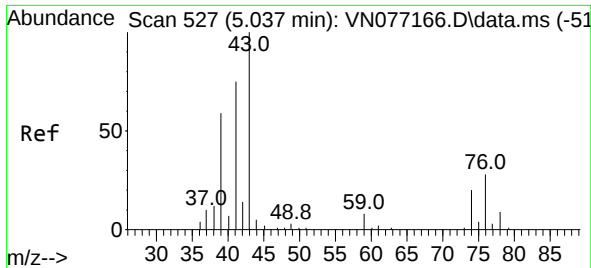
Tgt Ion: 76 Resp: 257830

Ion Ratio Lower Upper

76 100

78 8.1 6.6 9.8





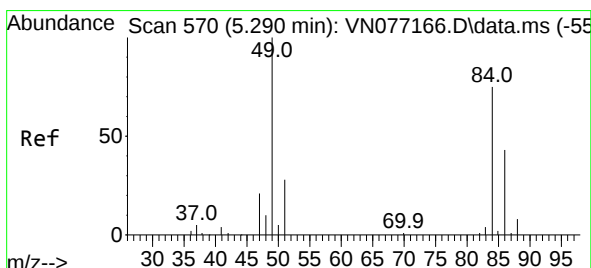
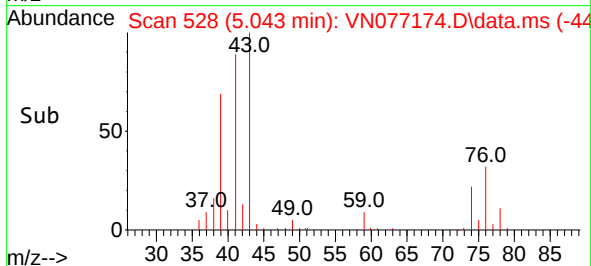
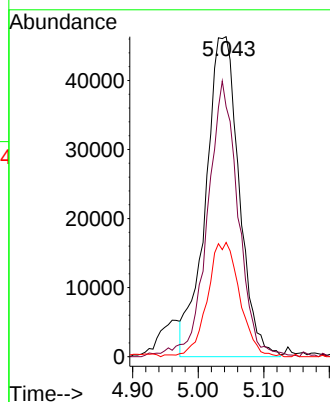
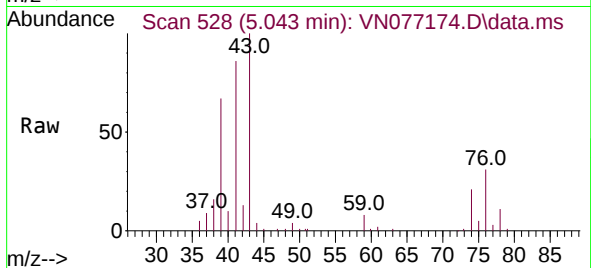
#17
 Allyl chloride
 Concen: 20.479 ug/l
 RT: 5.043 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN077174.D
 Acq: 24 Mar 2023 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBS01

Tgt Ion: 41 Resp: 16471
 Ion Ratio Lower Upper
 41 100
 39 77.2 34.8 104.3
 76 35.2 17.5 52.5

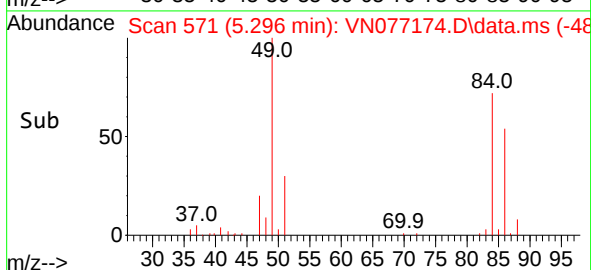
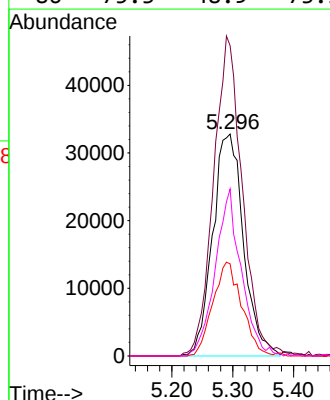
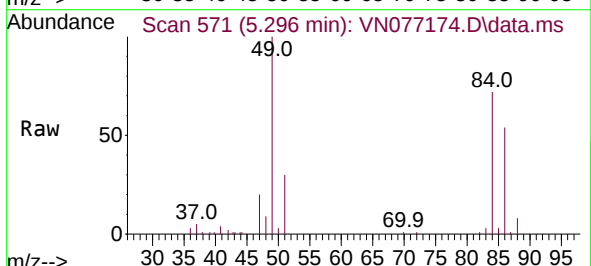
Manual Integrations
 APPROVED

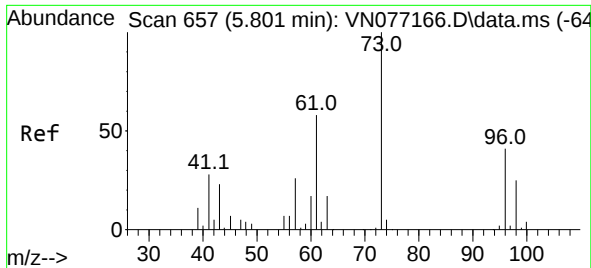
Reviewed By :John Carlone 03/27/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023



#18
 Methylene Chloride
 Concen: 20.467 ug/l
 RT: 5.296 min Scan# 571
 Delta R.T. 0.006 min
 Lab File: VN077174.D
 Acq: 24 Mar 2023 11:09

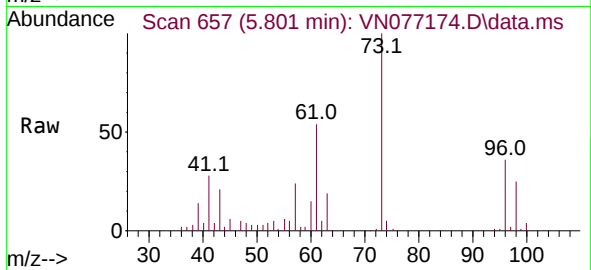
Tgt Ion: 84 Resp: 115029
 Ion Ratio Lower Upper
 84 100
 49 139.8 113.8 170.6
 51 41.6 34.2 51.4
 86 75.3 48.9 73.3#





#19
trans-1,2-Dichloroethene
Concen: 19.827 ug/l
RT: 5.801 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

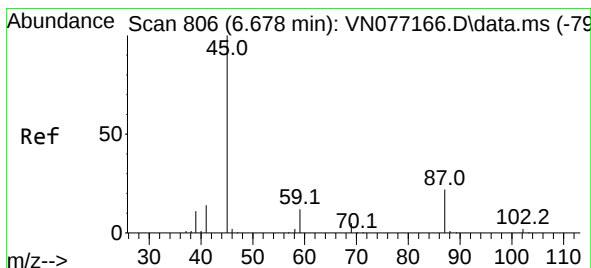
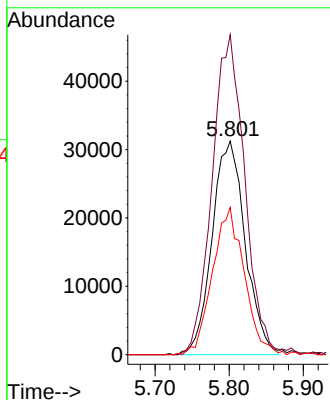
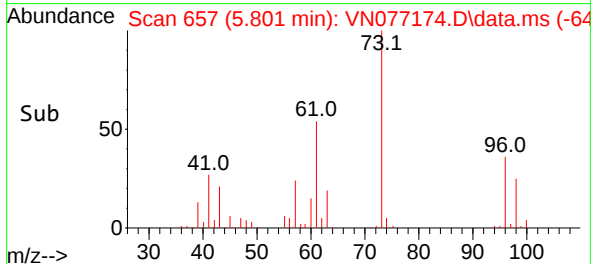
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



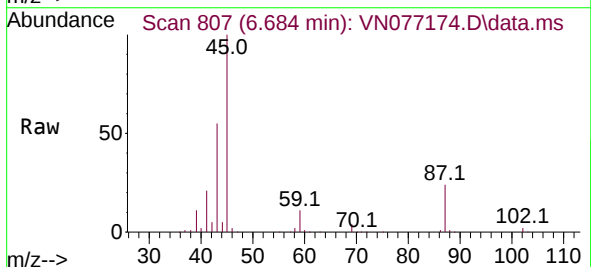
Tgt Ion: 96 Resp: 97139
Ion Ratio Lower Upper
96 100
61 149.8 111.0 166.4
98 68.2 55.0 82.6

Manual Integrations
APPROVED

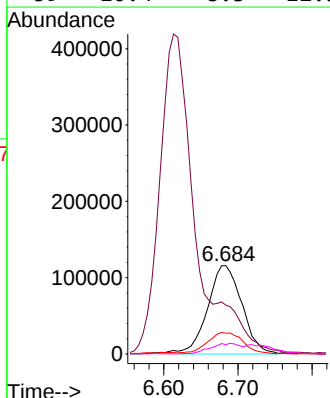
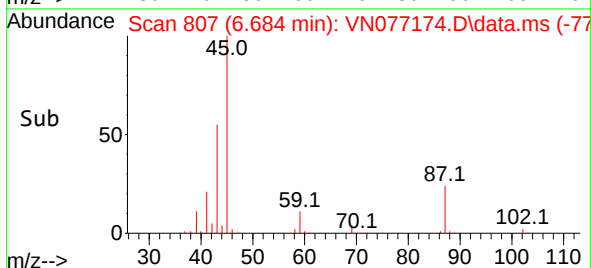
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

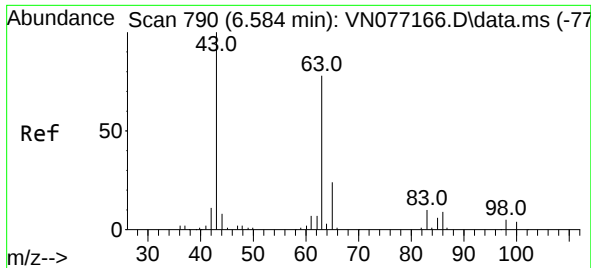


#20
Diisopropyl ether
Concen: 20.167 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09



Tgt Ion: 45 Resp: 367445
Ion Ratio Lower Upper
45 100
43 51.5 38.6 58.0
87 23.5 20.1 30.1
59 10.4 8.3 12.5





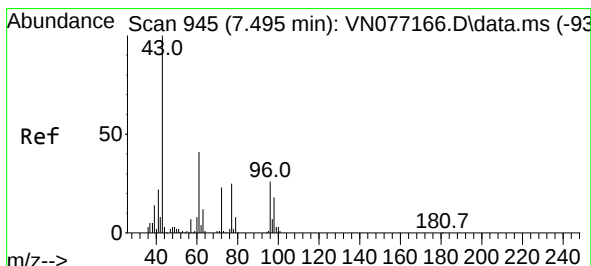
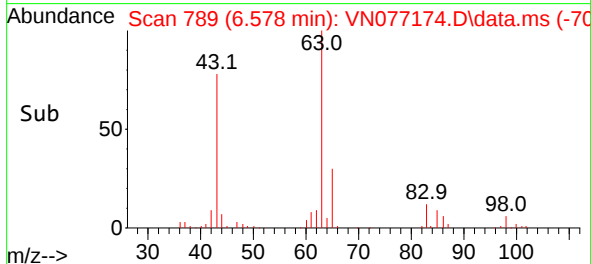
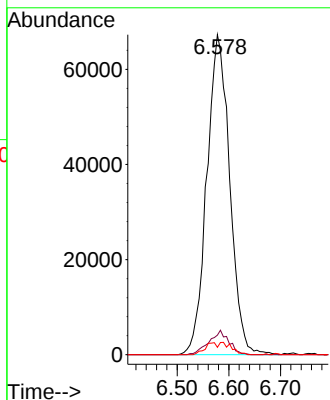
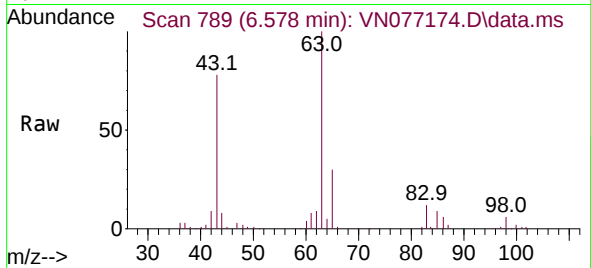
#21
1,1-Dichloroethane
Concen: 20.192 ug/l
RT: 6.578 min Scan# 790
Delta R.T. -0.006 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion: 63 Resp: 20712
Ion Ratio Lower Upper
63 100
98 6.1 3.6 10.9
100 2.3 2.6 7.8

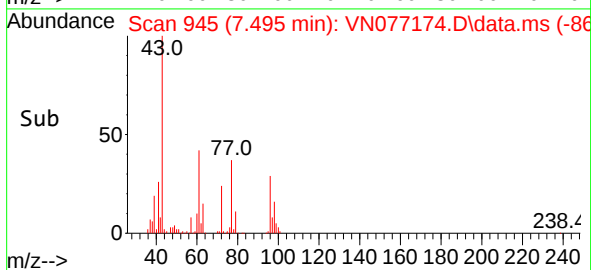
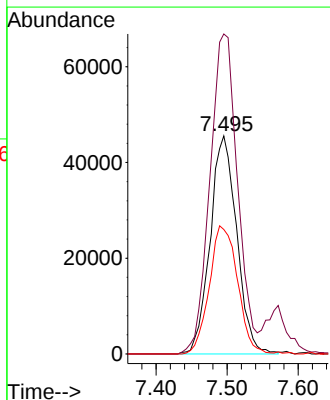
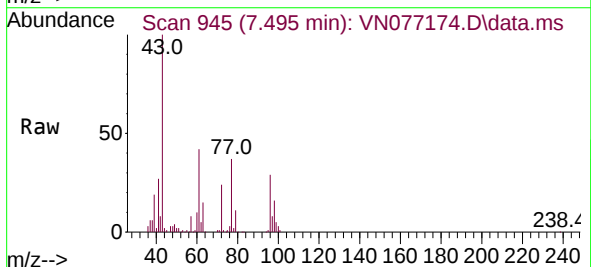
Manual Integrations
APPROVED

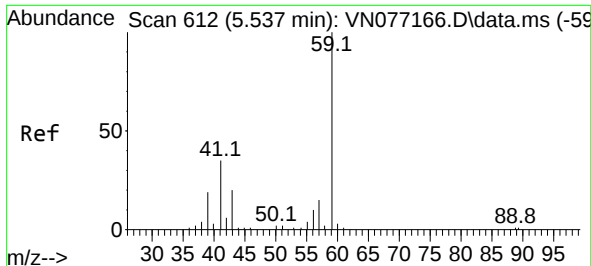
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#22
cis-1,2-Dichloroethene
Concen: 20.474 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

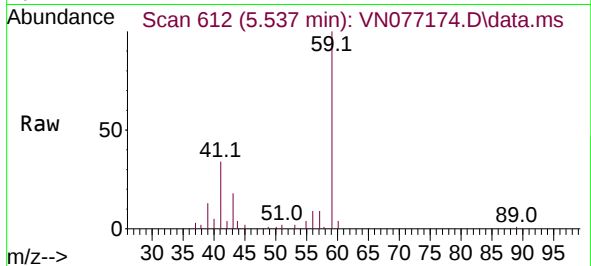
Tgt Ion: 96 Resp: 118432
Ion Ratio Lower Upper
96 100
61 152.5 121.0 181.4
98 62.3 50.1 75.1





#23
tert-Butyl Alcohol
Concen: 84.884 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

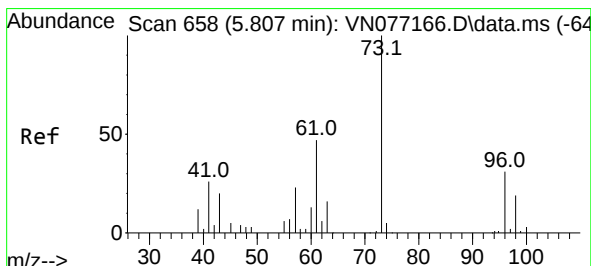
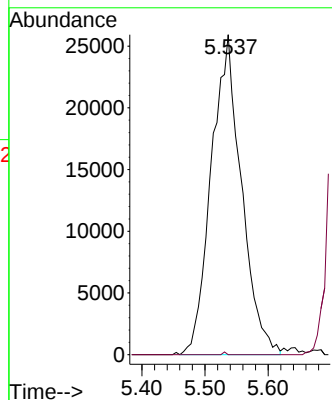
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion: 59 Resp: 8618
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

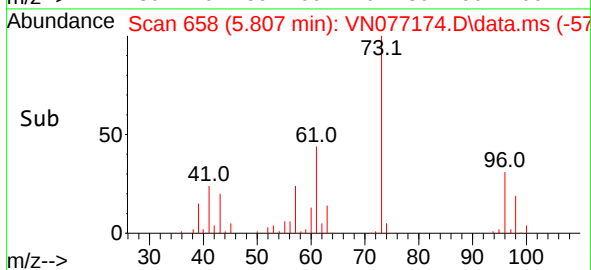
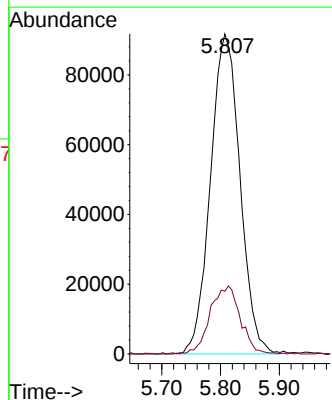
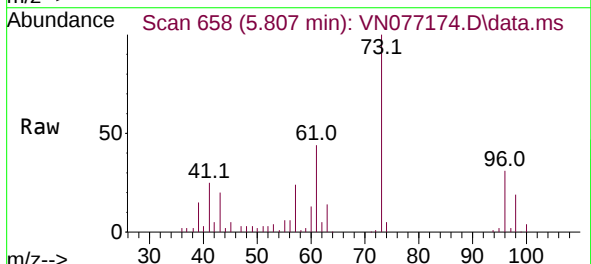
Manual Integrations
APPROVED

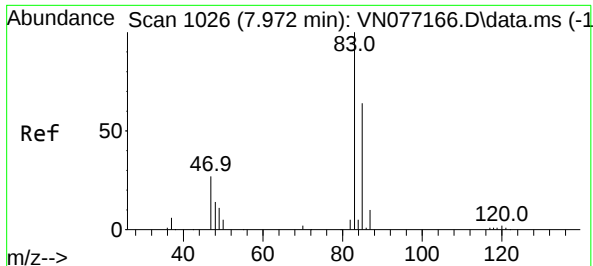
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#24
Methyl tert-Butyl Ether
Concen: 19.687 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Tgt Ion: 73 Resp: 319636
Ion Ratio Lower Upper
73 100
43 21.3 17.8 26.6





#25

Chloroform

Concen: 20.372 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077174.D

Acq: 24 Mar 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBS01

Tgt Ion: 83 Resp: 204470

Ion Ratio Lower Upper

83 100

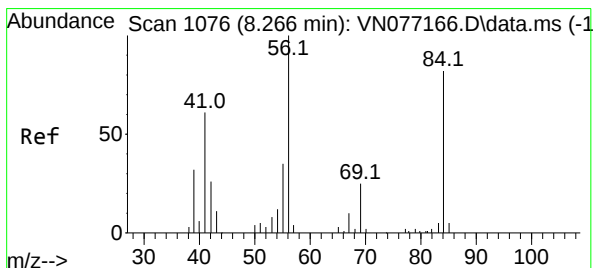
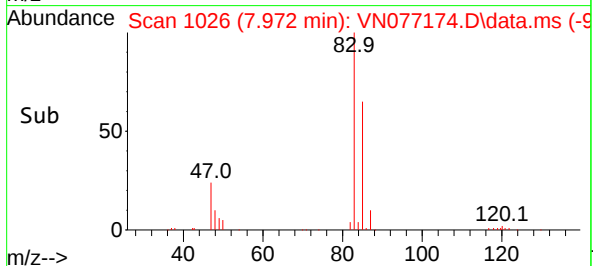
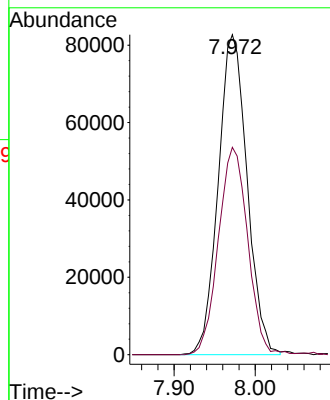
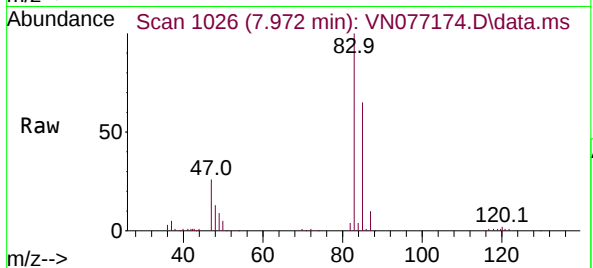
85 64.8 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#26

Cyclohexane

Concen: 20.926 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VN077174.D

Acq: 24 Mar 2023 11:09

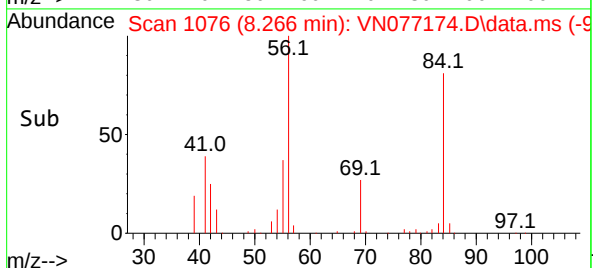
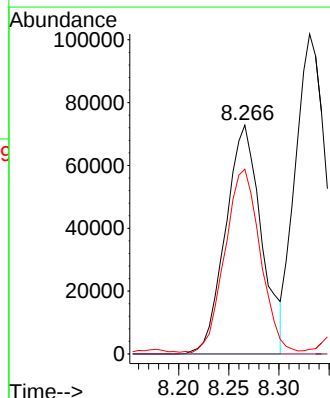
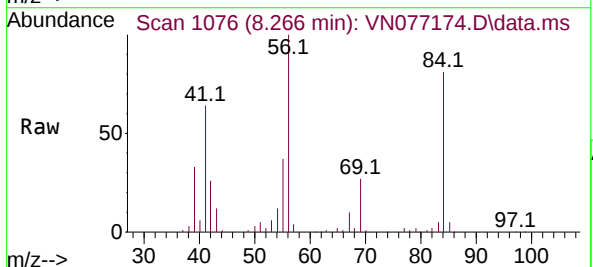
Tgt Ion: 56 Resp: 181054

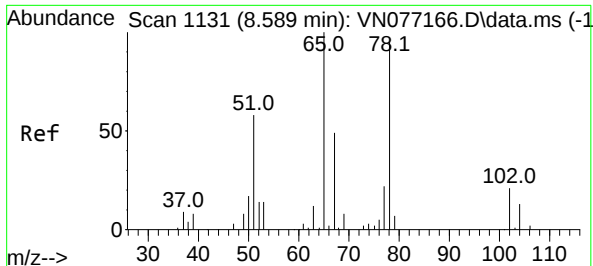
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

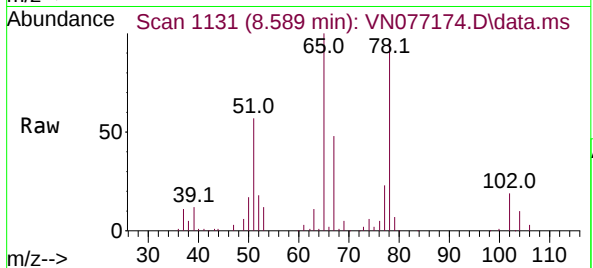
84 80.3 65.3 97.9





#27
1,2-Dichloroethane-d4
Concen: 30.935 ug/l
RT: 8.589 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

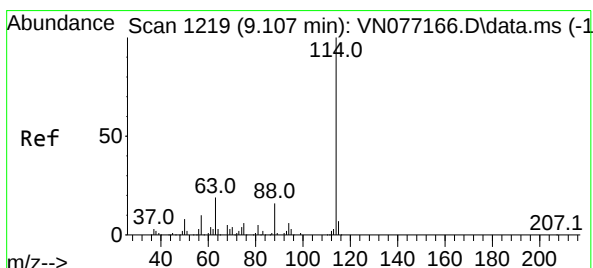
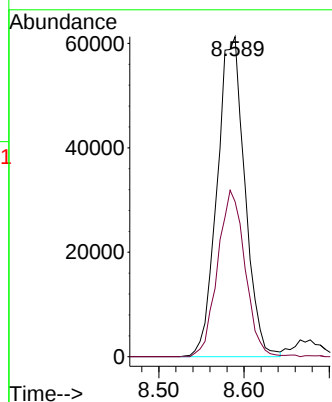
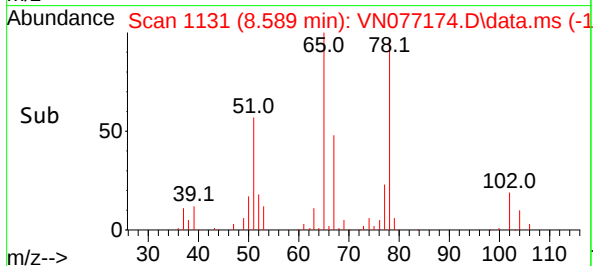
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



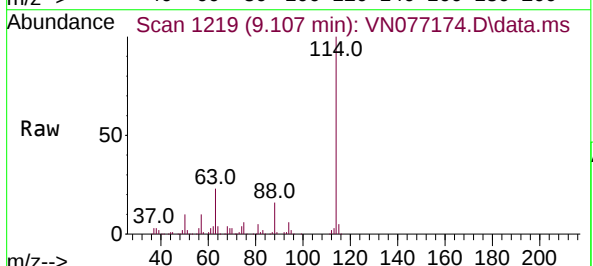
Tgt Ion: 65 Resp: 138072
Ion Ratio Lower Upper
65 100
67 51.4 40.9 61.3

Manual Integrations
APPROVED

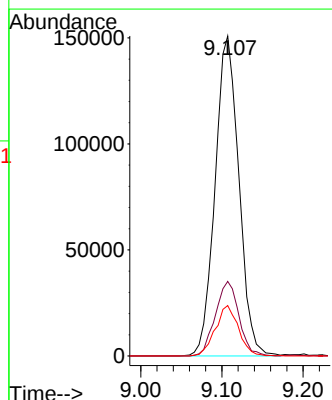
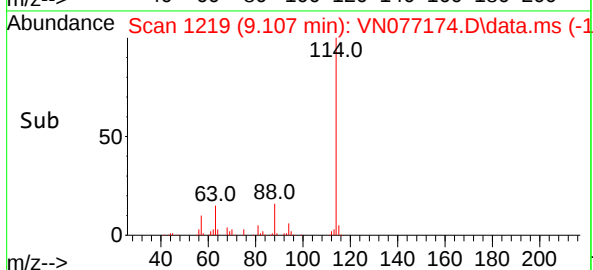
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

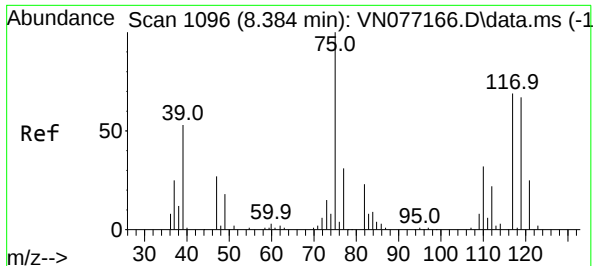


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09



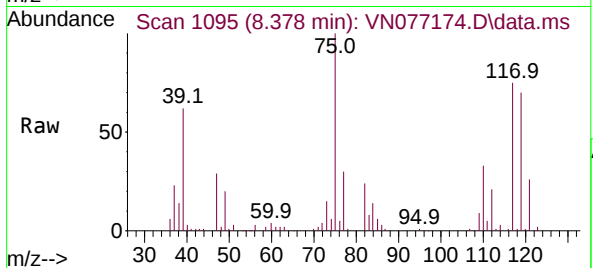
Tgt Ion:114 Resp: 307332
Ion Ratio Lower Upper
114 100
63 23.1 17.0 25.4
88 15.3 11.6 17.4





#29
1,1-Dichloropropene
Concen: 20.359 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

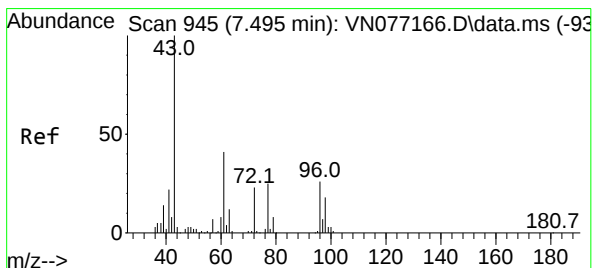
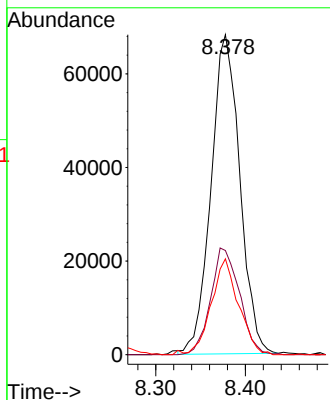
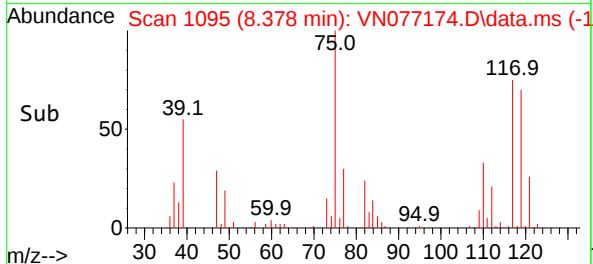
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



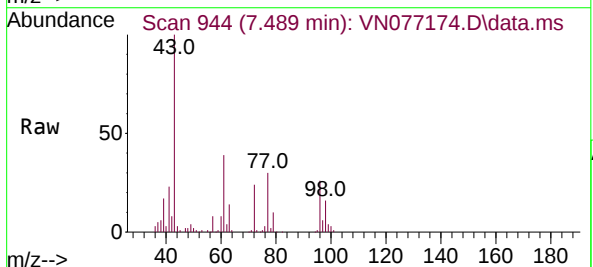
Tgt Ion: 75 Resp: 151784
Ion Ratio Lower Upper
75 100
110 33.5 0.0 67.2
77 28.4 0.0 64.4

Manual Integrations
APPROVED

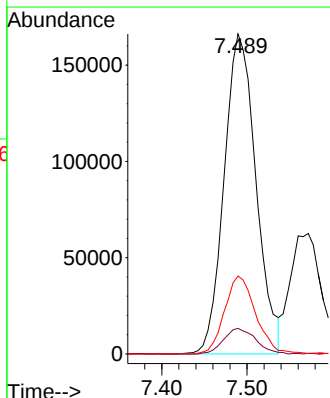
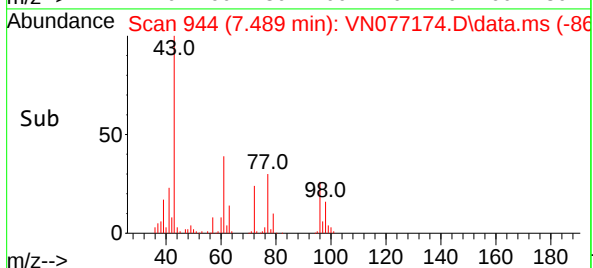
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

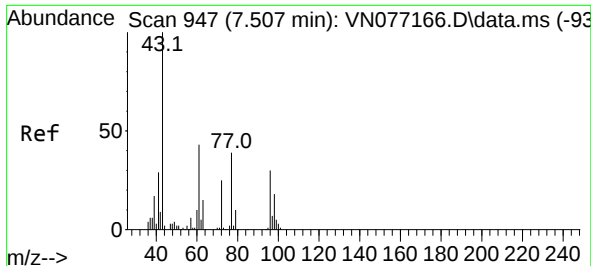


#30
2-Butanone
Concen: 100.656 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09



Tgt Ion: 43 Resp: 432925
Ion Ratio Lower Upper
43 100
57 8.0 6.1 9.1
72 23.8 20.2 30.4





#31

2,2-Dichloropropane

Concen: 22.888 ug/l

RT: 7.495 min Scan# 94

Delta R.T. -0.012 min

Lab File: VN077174.D

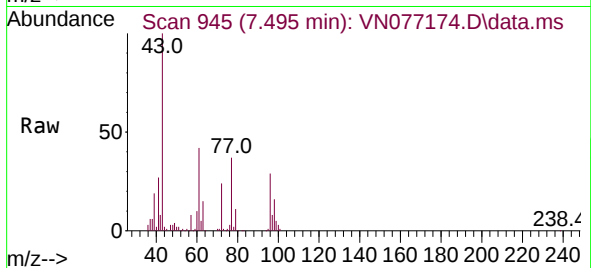
Acq: 24 Mar 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBS01



Tgt Ion: 77 Resp: 159849

Ion Ratio Lower Upper

77 100

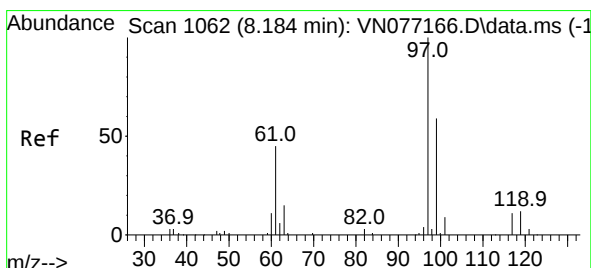
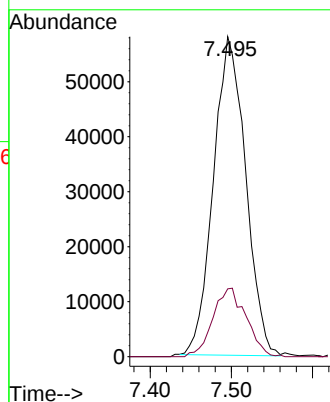
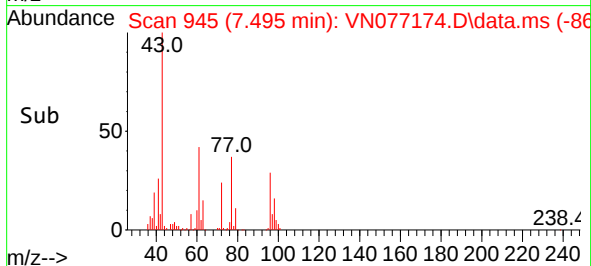
97 22.2 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#32

1,1,1-Trichloroethane

Concen: 19.233 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.012 min

Lab File: VN077174.D

Acq: 24 Mar 2023 11:09

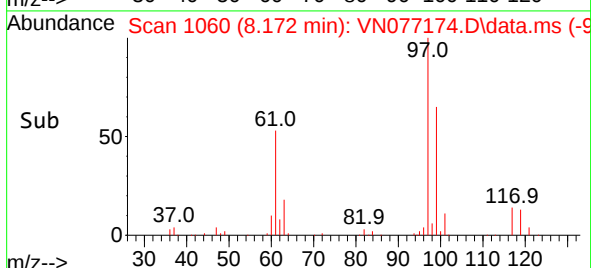
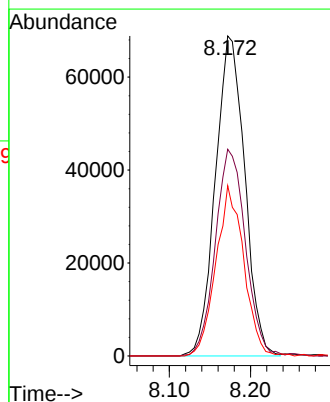
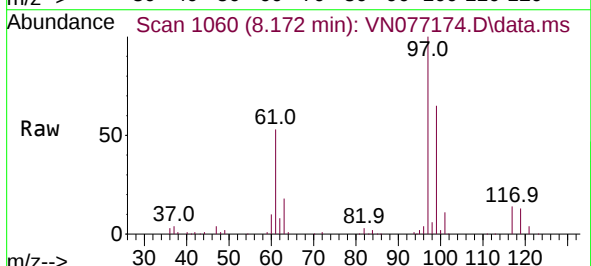
Tgt Ion: 97 Resp: 172885

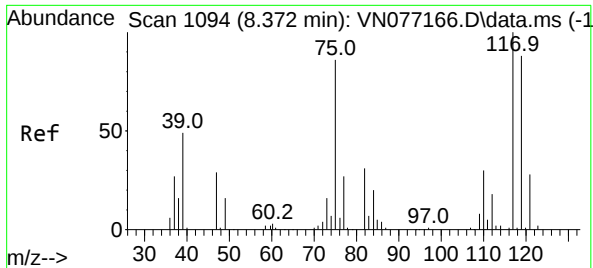
Ion Ratio Lower Upper

97 100

99 66.1 51.8 77.8

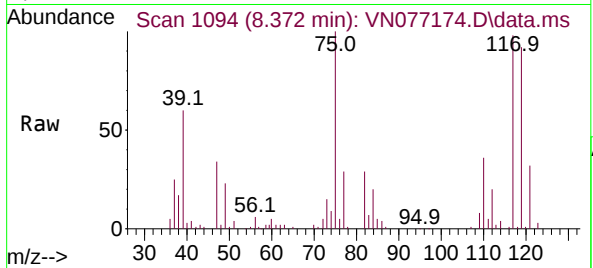
61 50.3 39.3 58.9





#33
Carbon Tetrachloride
Concen: 20.044 ug/l
RT: 8.372 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

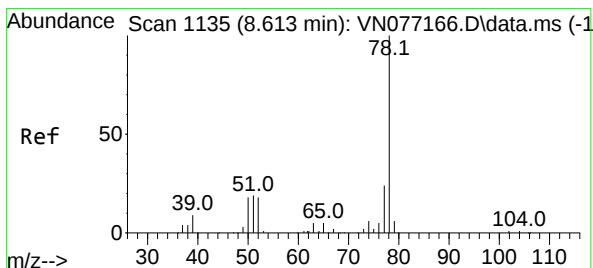
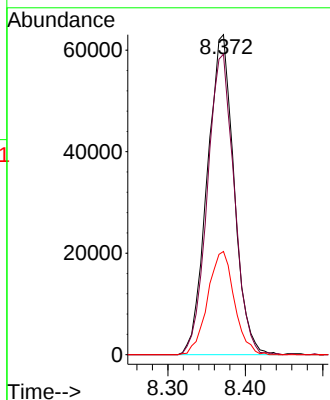
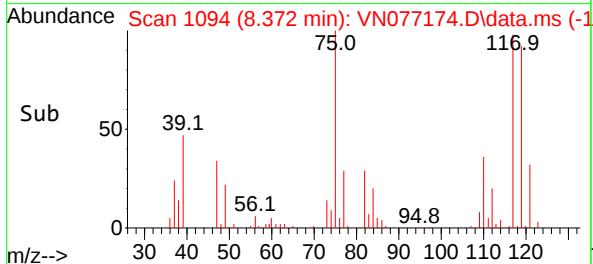
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



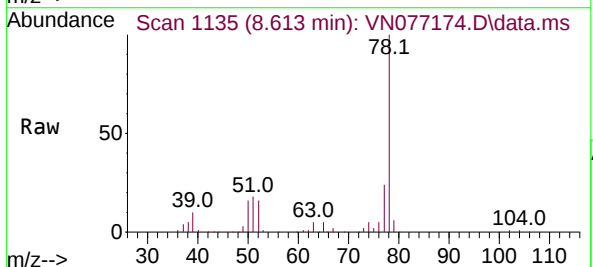
Tgt Ion:117 Resp: 151364
Ion Ratio Lower Upper
117 100
119 93.9 79.8 119.8
121 32.2 23.4 35.0

Manual Integrations
APPROVED

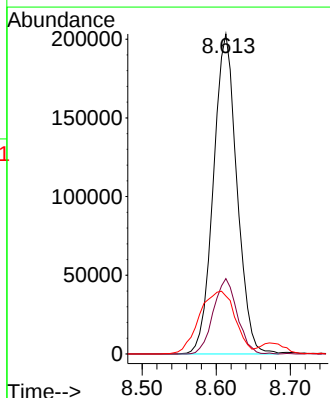
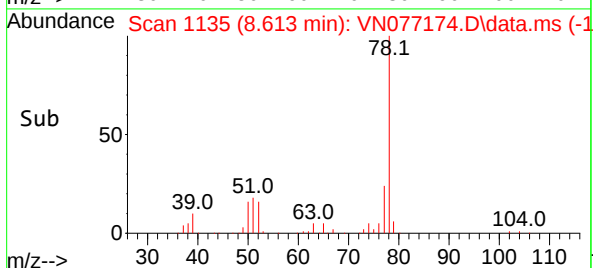
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

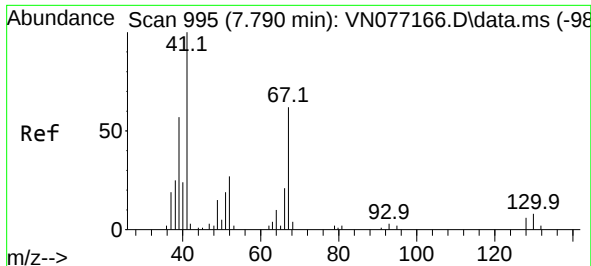


#34
Benzene
Concen: 19.616 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09



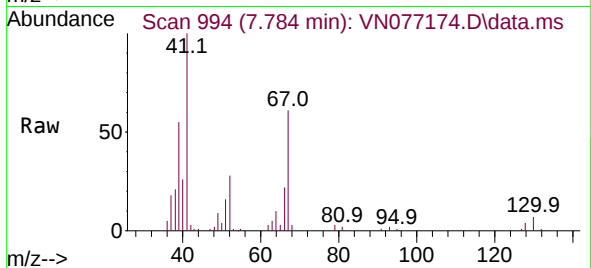
Tgt Ion: 78 Resp: 448285
Ion Ratio Lower Upper
78 100
77 23.5 17.4 26.2
51 17.4 13.8 20.6





#35
Methacrylonitrile
Concen: 19.109 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

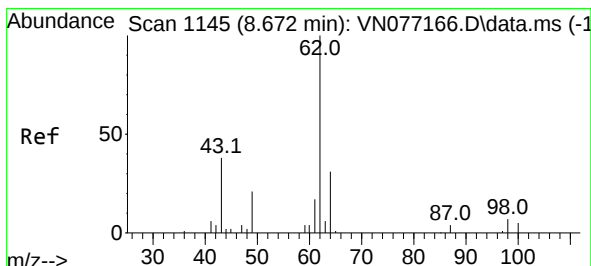
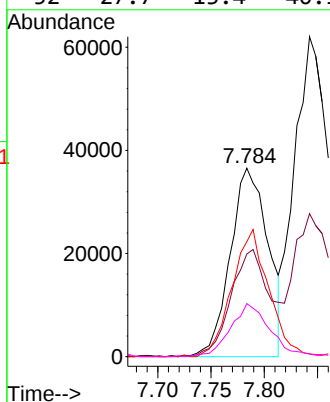
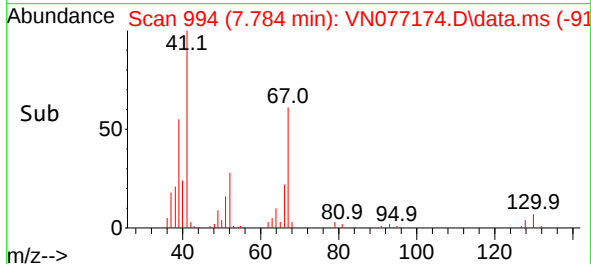
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion: 41 Resp: 9022
Ion Ratio Lower Upper
41 100
39 54.6 26.6 79.7
67 61.0 32.3 96.9
52 27.7 13.4 40.1

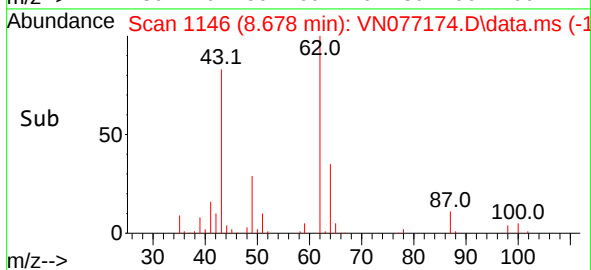
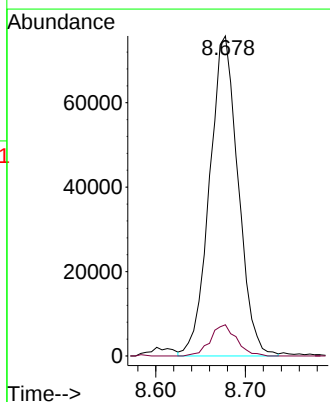
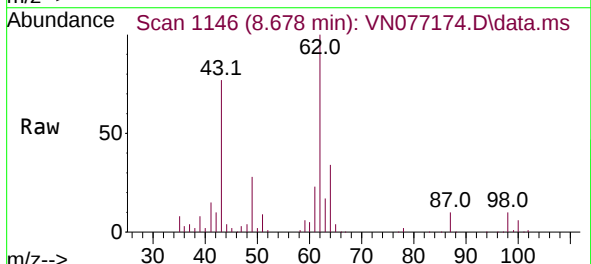
Manual Integrations
APPROVED

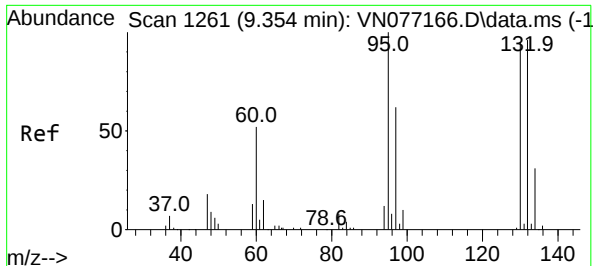
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#36
1,2-Dichloroethane
Concen: 19.948 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Tgt Ion: 62 Resp: 168062
Ion Ratio Lower Upper
62 100
98 8.9 7.4 11.0





#37

Trichloroethene

Concen: 20.289 ug/l

RT: 9.354 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077174.D

Acq: 24 Mar 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBS01

Tgt Ion:130 Resp: 104824

Ion Ratio Lower Upper

130 100

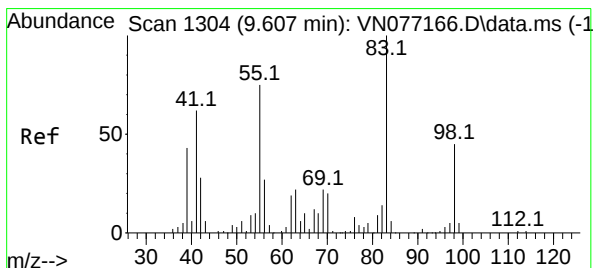
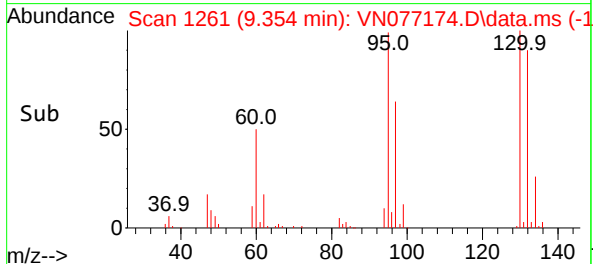
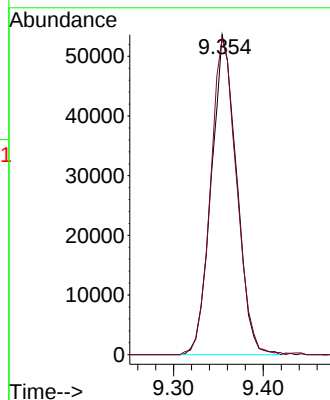
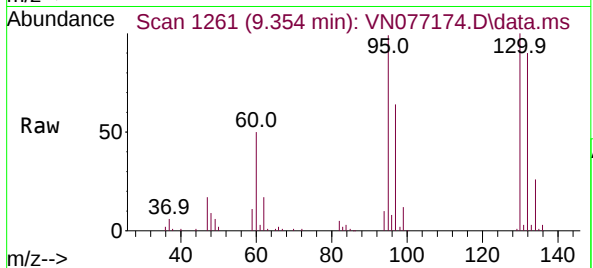
95 98.8 78.7 118.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#38

Methylcyclohexane

Concen: 19.368 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN077174.D

Acq: 24 Mar 2023 11:09

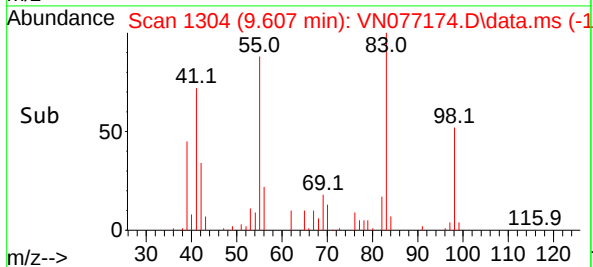
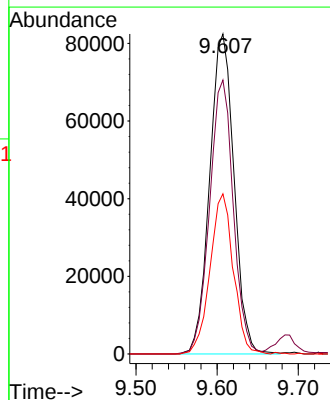
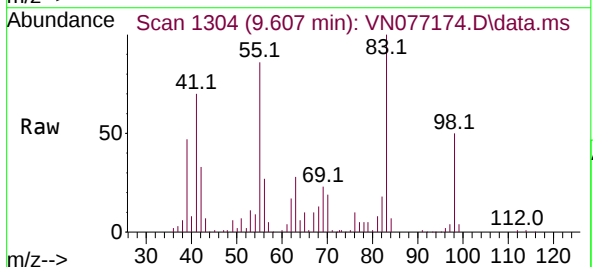
Tgt Ion: 83 Resp: 171894

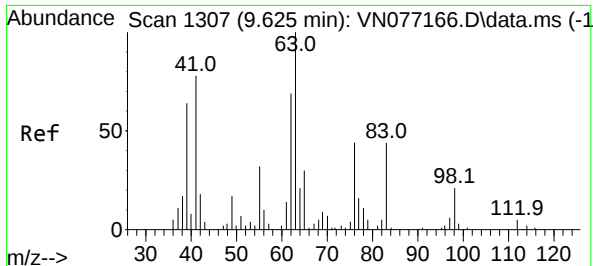
Ion Ratio Lower Upper

83 100

55 83.4 37.6 112.9

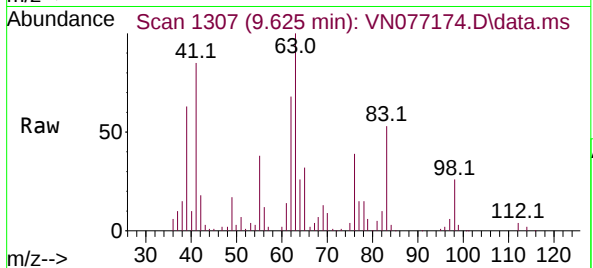
98 47.7 24.1 72.4





#39
1,2-Dichloropropane
Concen: 19.736 ug/l
RT: 9.625 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

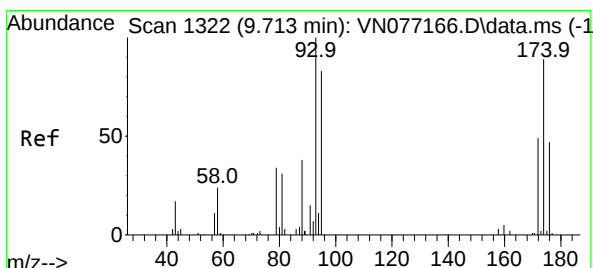
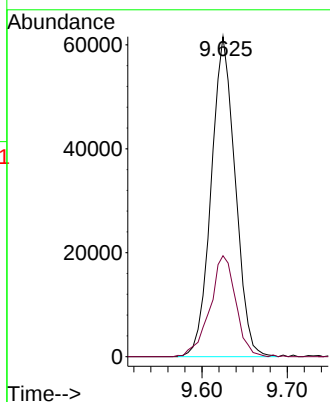
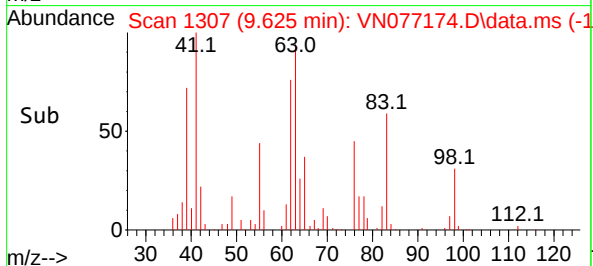
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion: 63 Resp: 120744
Ion Ratio Lower Upper
63 100
65 31.5 27.2 40.8

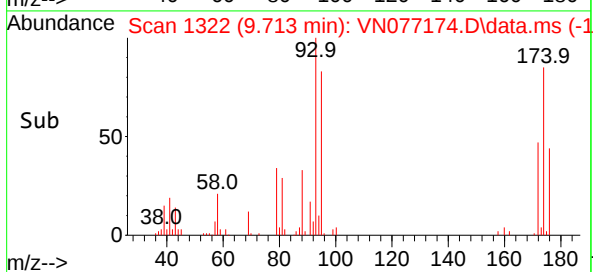
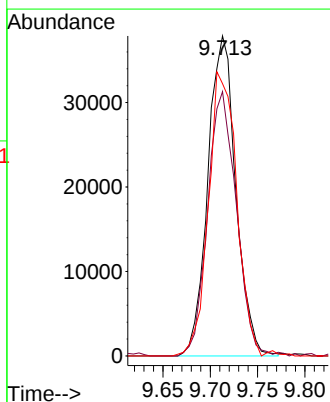
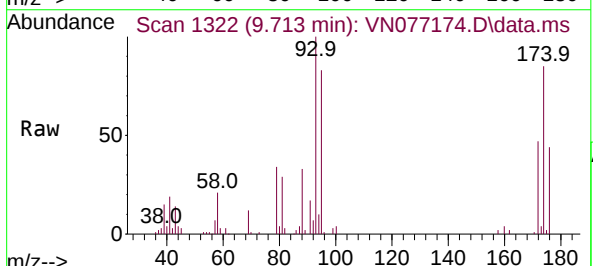
Manual Integrations
APPROVED

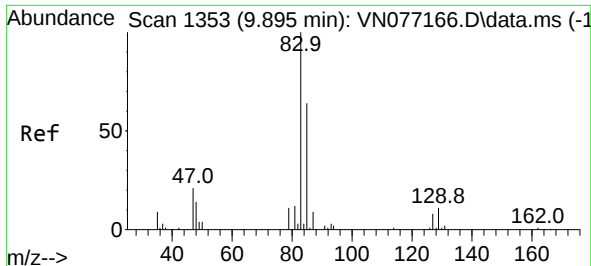
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#40
Dibromomethane
Concen: 19.907 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

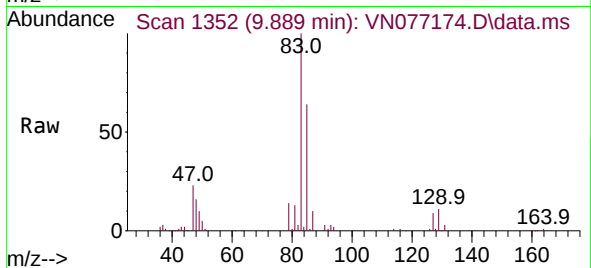
Tgt Ion: 93 Resp: 77884
Ion Ratio Lower Upper
93 100
95 84.6 0.0 158.0
174 89.6 0.0 171.2





#41
Bromodichloromethane
Concen: 19.515 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

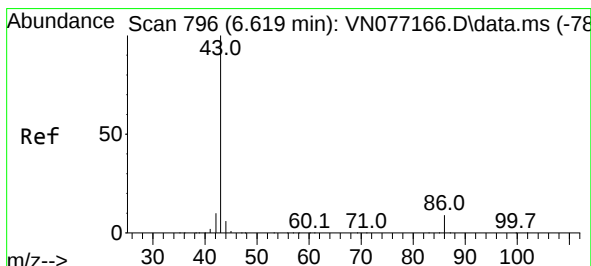
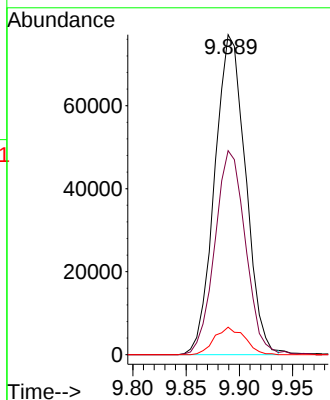
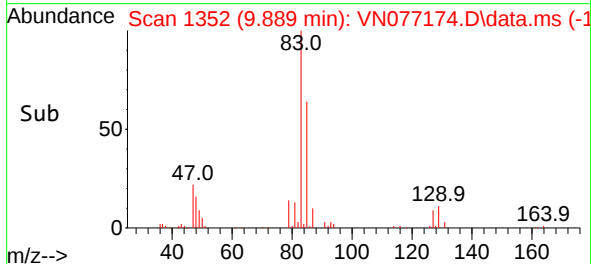
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion: 83 Resp: 155472
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.4
127 8.6 6.2 9.2

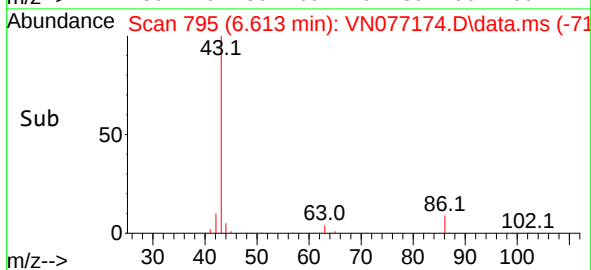
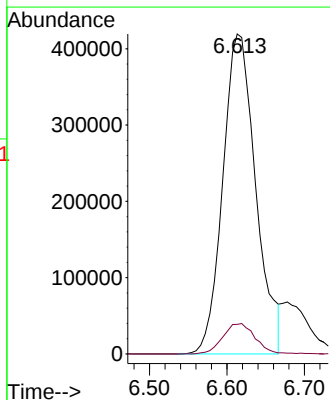
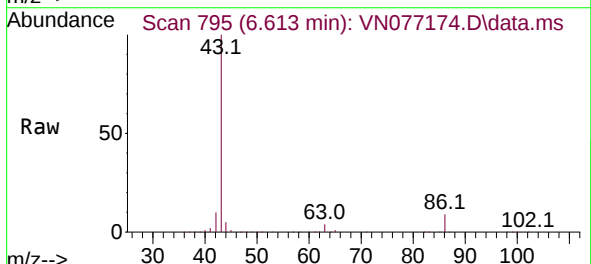
Manual Integrations
APPROVED

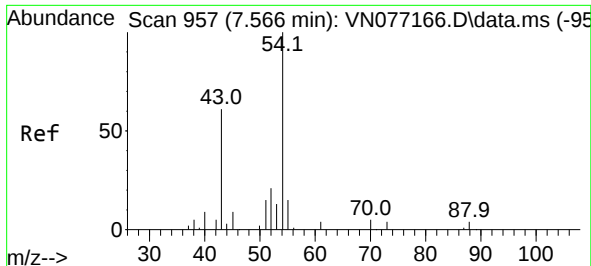
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#42
Vinyl Acetate
Concen: 96.260 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.006 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Tgt Ion: 43 Resp: 1240971
Ion Ratio Lower Upper
43 100
86 9.3 7.8 11.6





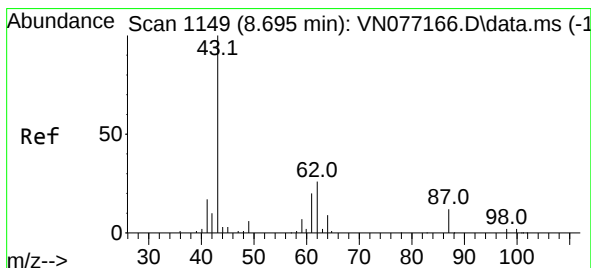
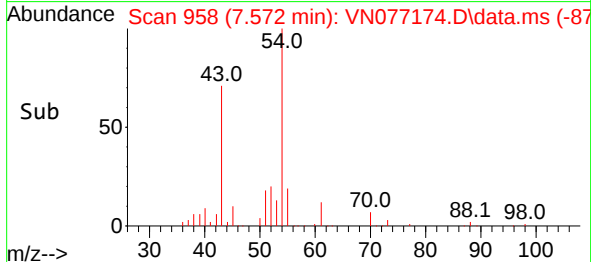
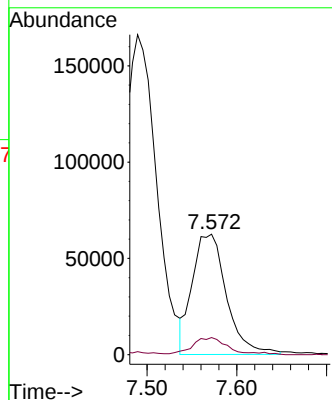
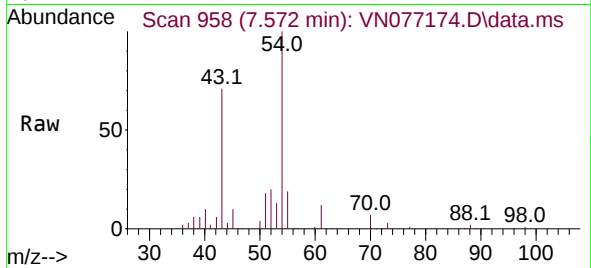
#43
Ethyl Acetate
Concen: 19.261 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion: 43 Resp: 165498
Ion Ratio Lower Upper
43 100
45 13.8 11.2 16.8

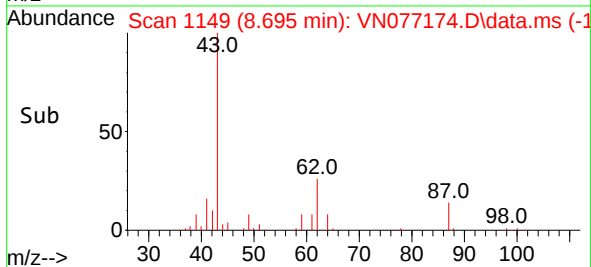
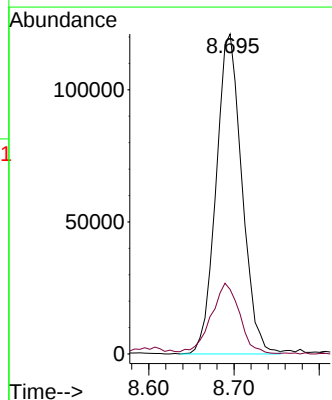
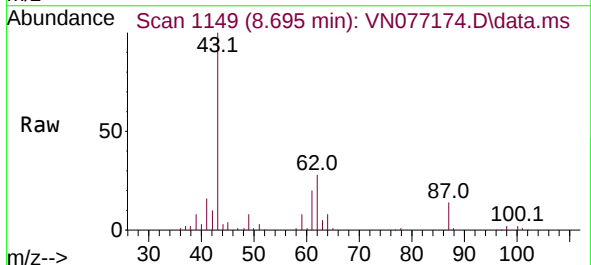
Manual Integrations
APPROVED

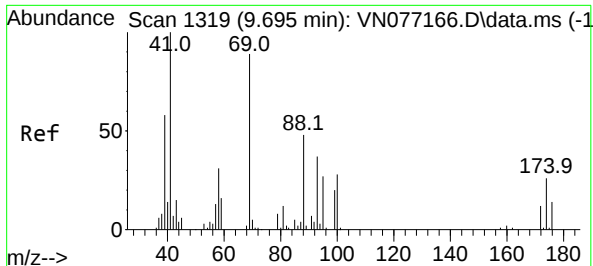
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#44
Isopropyl Acetate
Concen: 18.433 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Tgt Ion: 43 Resp: 255598
Ion Ratio Lower Upper
43 100
61 24.6 19.5 29.3





#45

1,4-Dioxane

Concen: 356.411 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077174.D

Acq: 24 Mar 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBS01

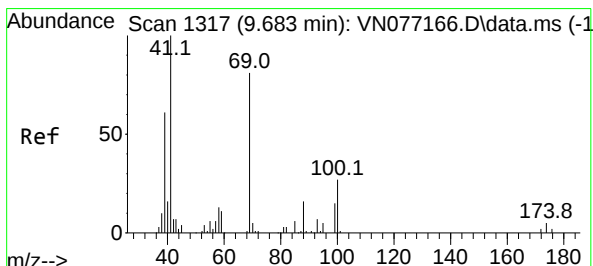
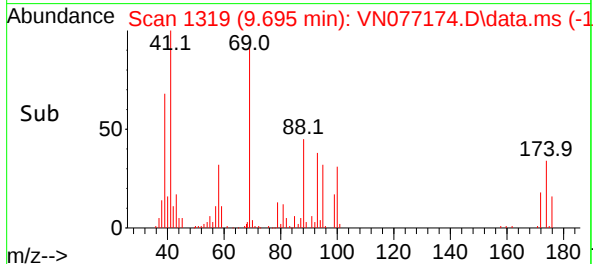
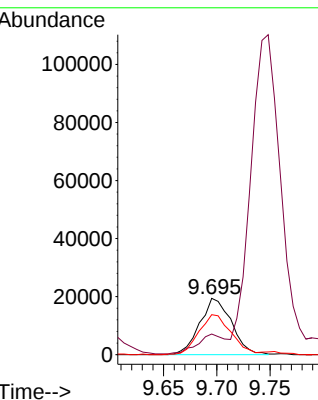
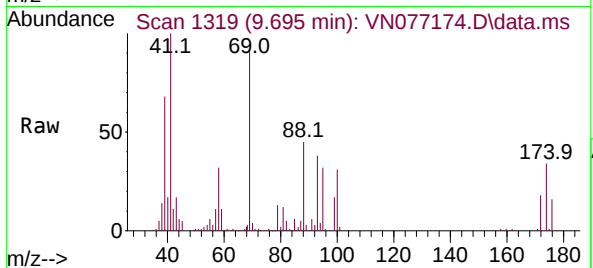
Tgt Ion: 88 Resp: 40185
 Ion Ratio Lower Upper
 88 100
 43 32.9 26.0 39.0
 58 72.2 54.3 81.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#46

Methyl methacrylate

Concen: 19.457 ug/l

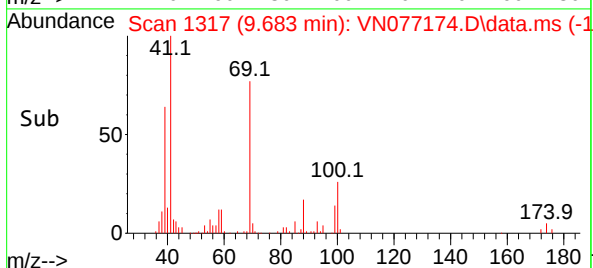
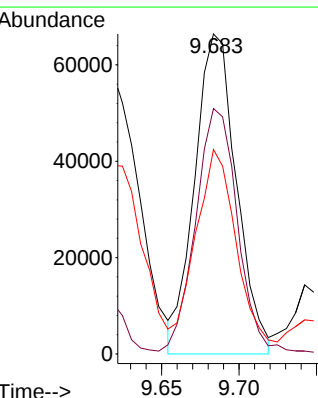
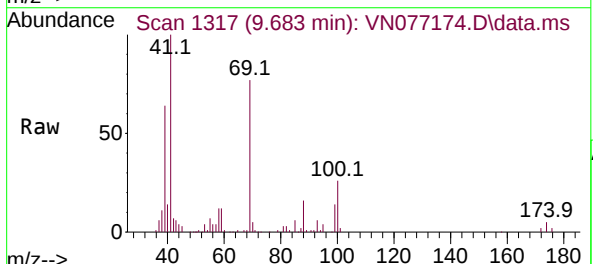
RT: 9.683 min Scan# 1317

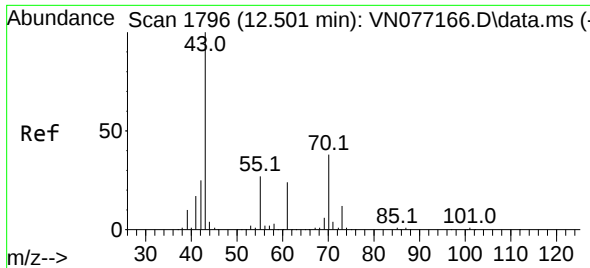
Delta R.T. 0.000 min

Lab File: VN077174.D

Acq: 24 Mar 2023 11:09

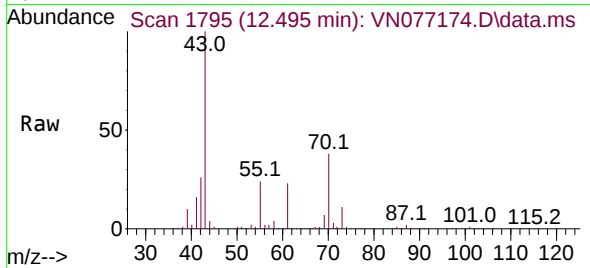
Tgt Ion: 41 Resp: 124395
 Ion Ratio Lower Upper
 41 100
 69 78.1 40.6 121.7
 39 62.7 30.5 91.5





#47
n-amy1 Acetate
Concen: 17.979 ug/l
RT: 12.495 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

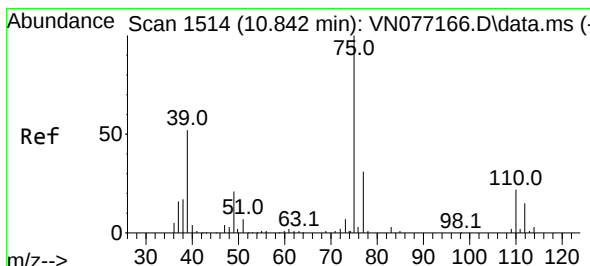
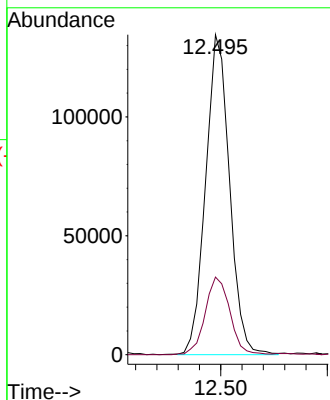
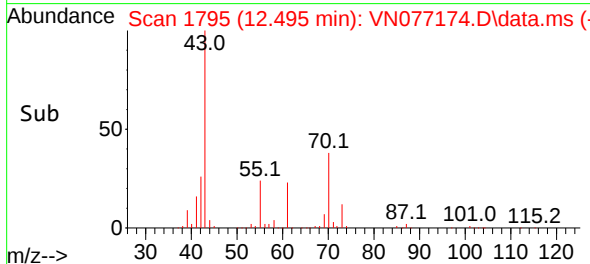
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion: 43 Resp: 20973
Ion Ratio Lower Upper
43 100
55 25.0 18.3 27.5

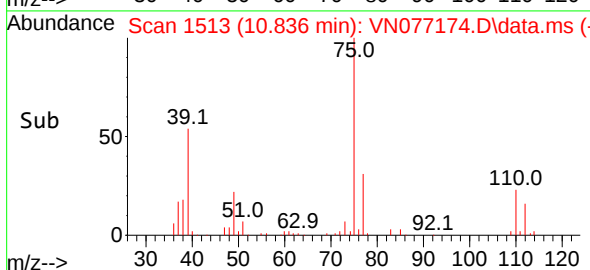
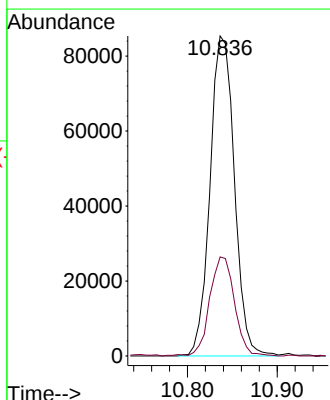
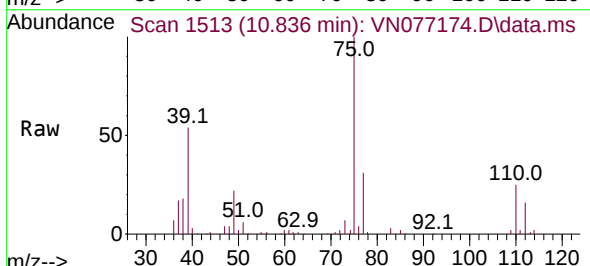
Manual Integrations
APPROVED

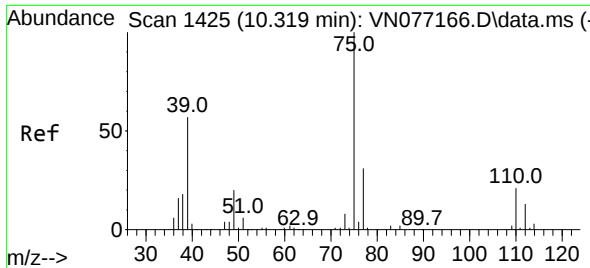
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#48
t-1,3-Dichloropropene
Concen: 19.913 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

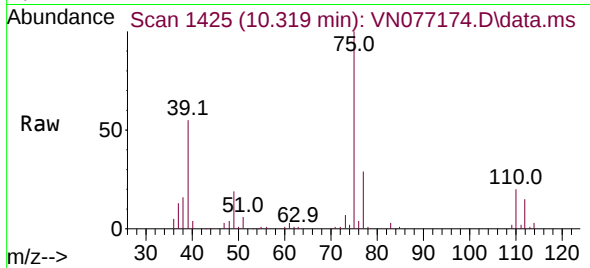
Tgt Ion: 75 Resp: 161143
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2





#49
 cis-1,3-Dichloropropene
 Concen: 19.750 ug/l
 RT: 10.319 min Scan# 1425
 Delta R.T. -0.000 min
 Lab File: VN077174.D
 Acq: 24 Mar 2023 11:09

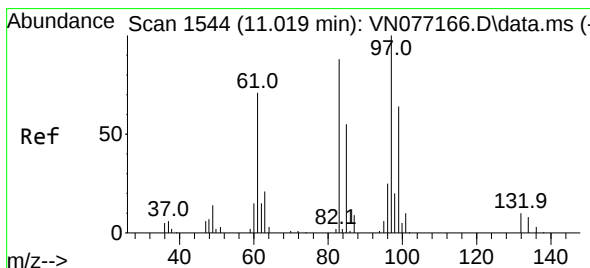
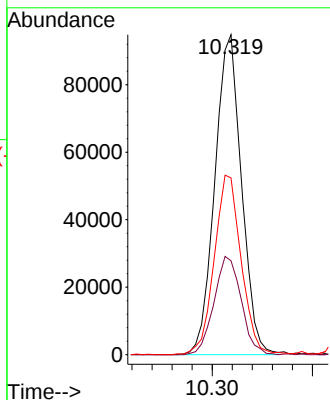
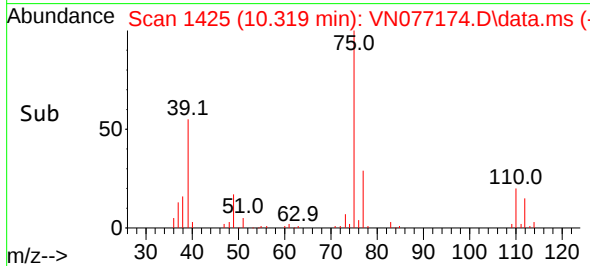
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBS01



Tgt Ion: 75 Resp: 174960
 Ion Ratio Lower Upper
 75 100
 77 29.3 27.5 41.3
 39 54.9 43.5 65.3

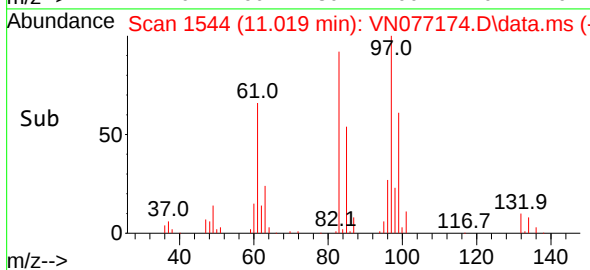
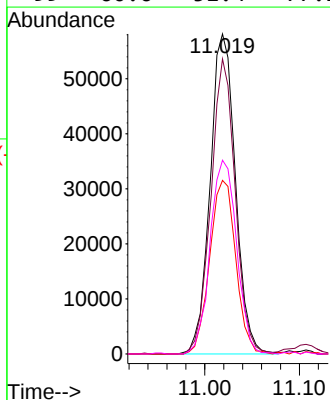
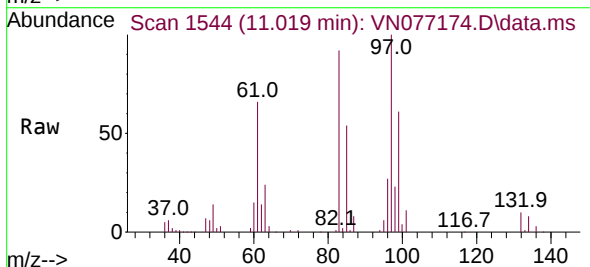
Manual Integrations
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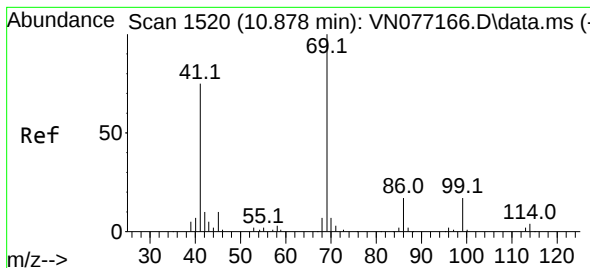
Reviewed By :John Carlone 03/27/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023



#50
 1,1,2-Trichloroethane
 Concen: 19.673 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077174.D
 Acq: 24 Mar 2023 11:09

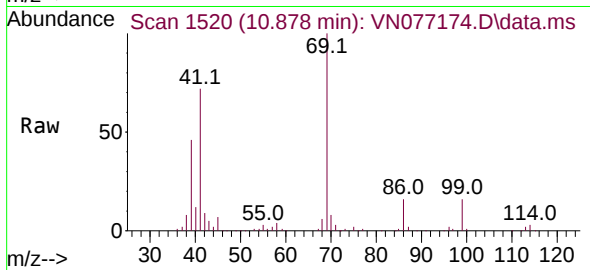
Tgt Ion: 97 Resp: 108041
 Ion Ratio Lower Upper
 97 100
 83 92.2 71.0 106.4
 85 54.3 45.5 68.3
 99 60.6 51.4 77.2





#51
Ethyl methacrylate
Concen: 18.509 ug/l
RT: 10.878 min Scan# 15694
Delta R.T. -0.001 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

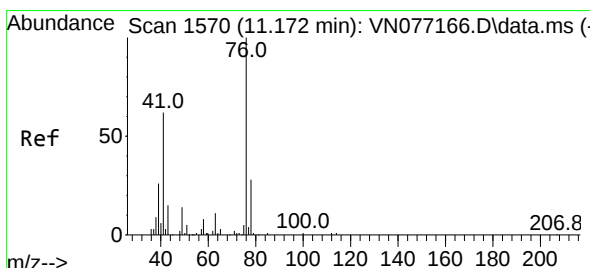
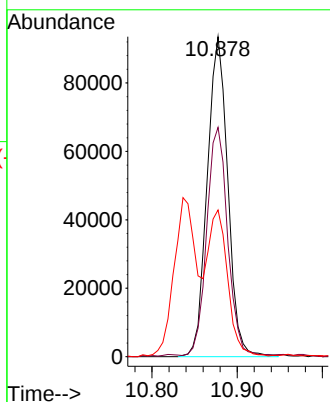
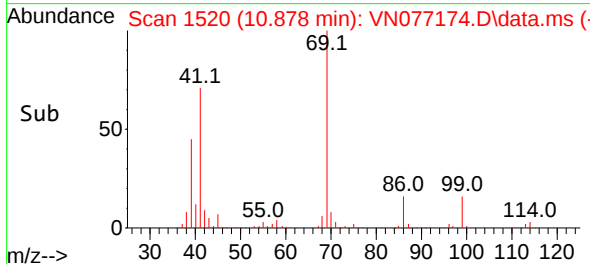
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



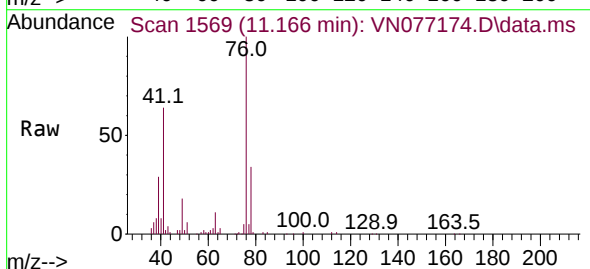
Tgt Ion: 69 Resp: 15694
Ion Ratio Lower Upper
69 100
41 71.2 36.3 108.7
39 45.4 19.9 59.7

Manual Integrations
APPROVED

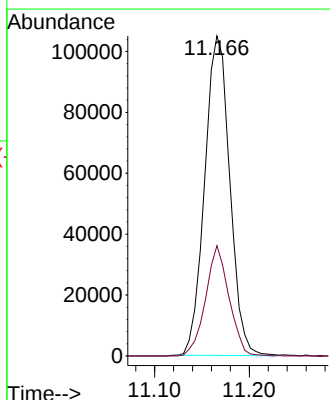
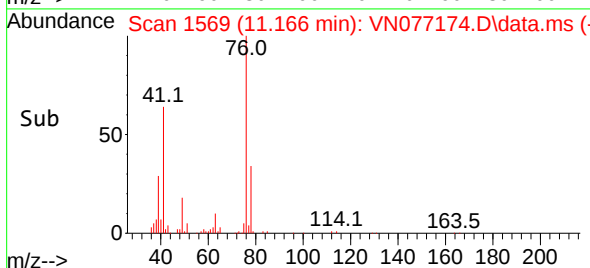
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

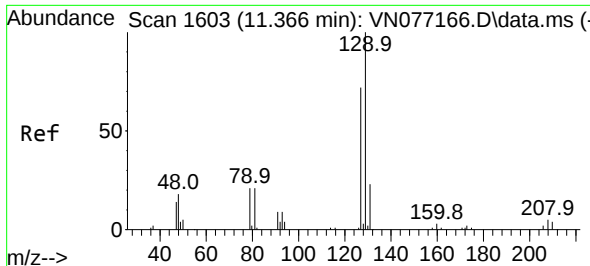


#52
1,3-Dichloropropane
Concen: 19.823 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09



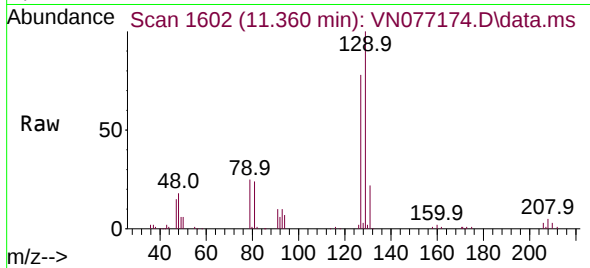
Tgt Ion: 76 Resp: 193244
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.4





#53
Dibromochloromethane
Concen: 19.333 ug/l
RT: 11.360 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

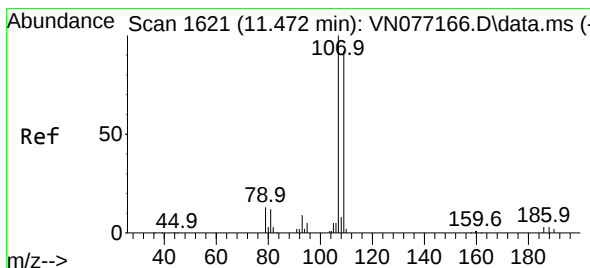
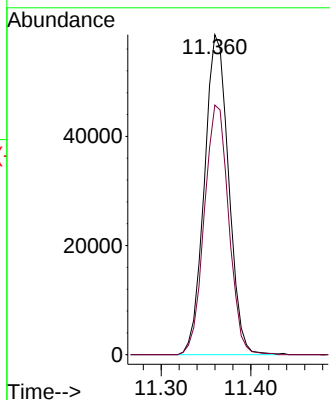
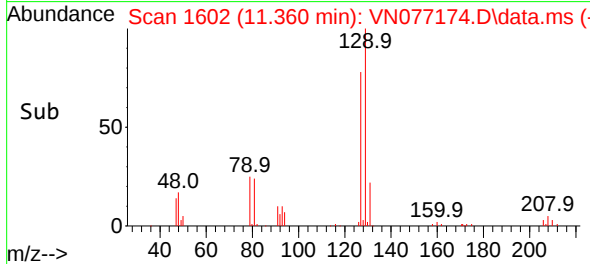
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



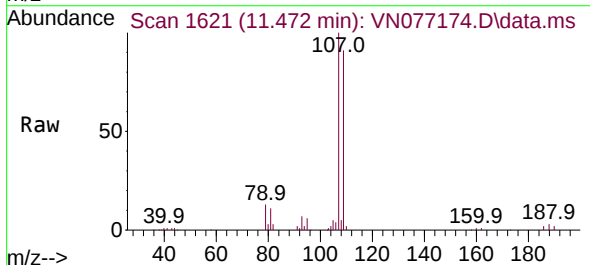
Tgt Ion:129 Resp: 109929
Ion Ratio Lower Upper
129 100
127 78.5 39.4 118.1

Manual Integrations
APPROVED

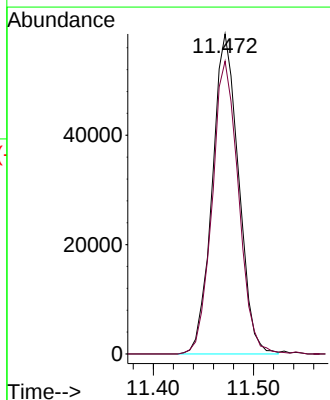
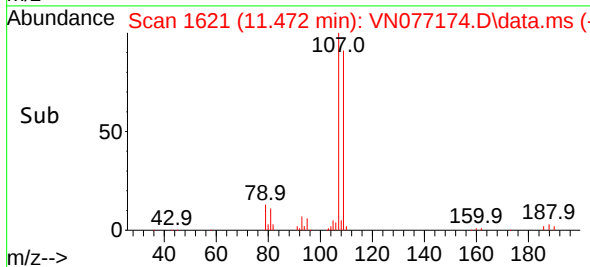
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

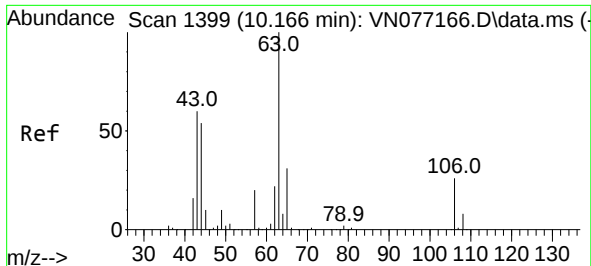


#54
1,2-Dibromoethane
Concen: 19.722 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09



Tgt Ion:107 Resp: 106582
Ion Ratio Lower Upper
107 100
109 91.5 74.6 112.0





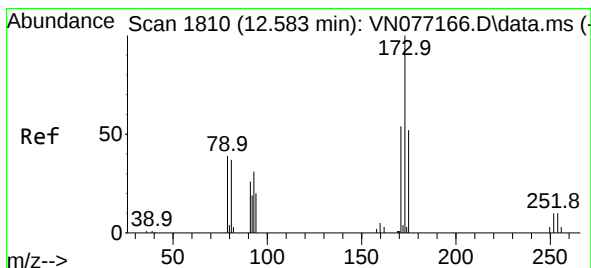
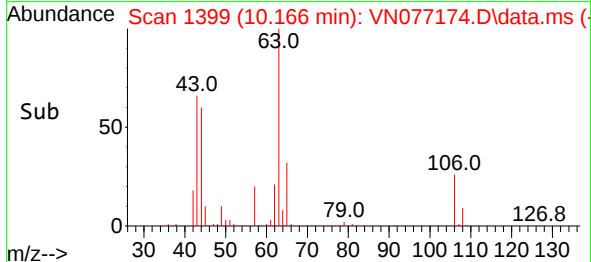
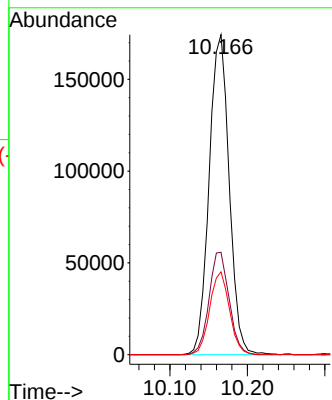
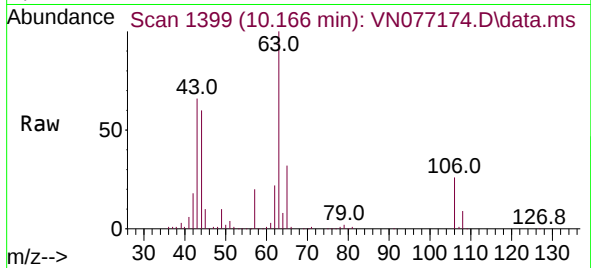
#55
2-Chloroethyl vinyl ether
Concen: 88.255 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion: 63 Resp: 312889
Ion Ratio Lower Upper
63 100
65 32.2 26.3 39.5
106 25.5 21.6 32.4

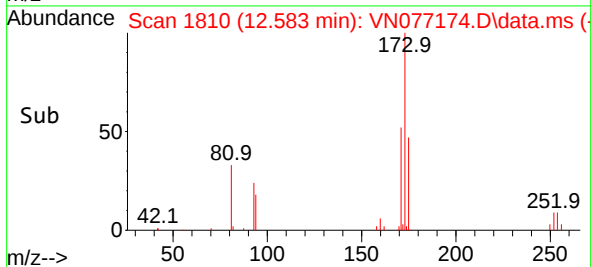
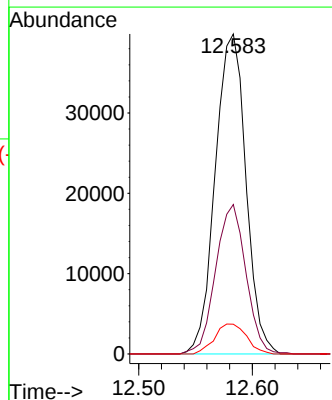
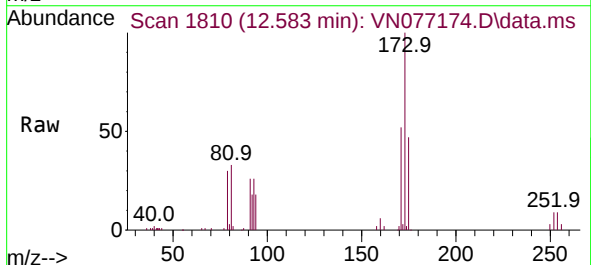
Manual Integrations
APPROVED

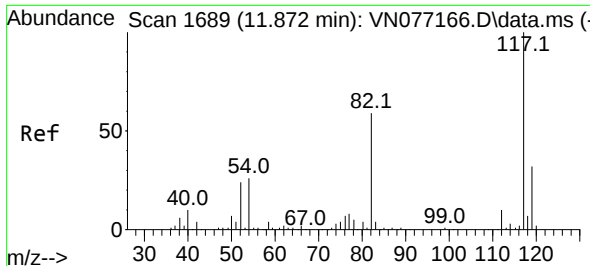
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#56
Bromoform
Concen: 18.717 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Tgt Ion:173 Resp: 74681
Ion Ratio Lower Upper
173 100
175 46.1 37.8 56.6
254 9.8 7.3 10.9





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.866 min Scan# 1688

Delta R.T. -0.006 min

Lab File: VN077174.D

Acq: 24 Mar 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBS01

Tgt Ion:117 Resp: 341818

Ion Ratio Lower Upper

117 100

82 57.1 45.4 68.0

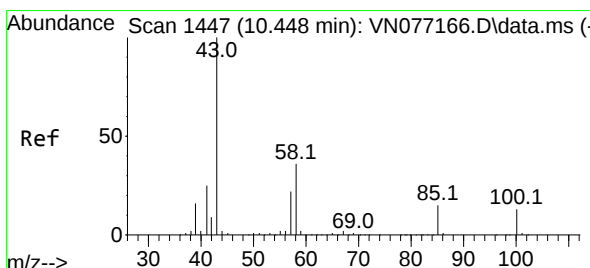
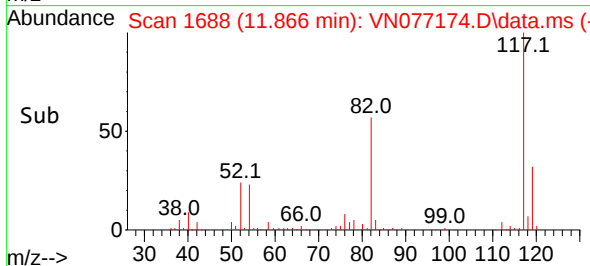
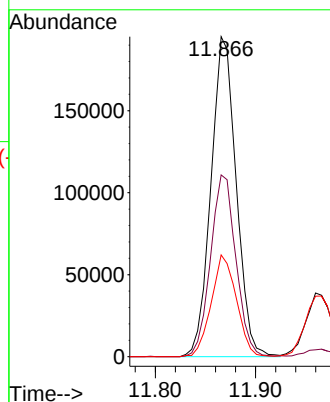
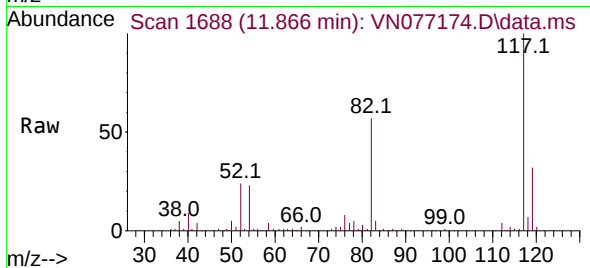
119 31.7 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#58

4-Methyl-2-Pentanone

Concen: 93.403 ug/l

RT: 10.448 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VN077174.D

Acq: 24 Mar 2023 11:09

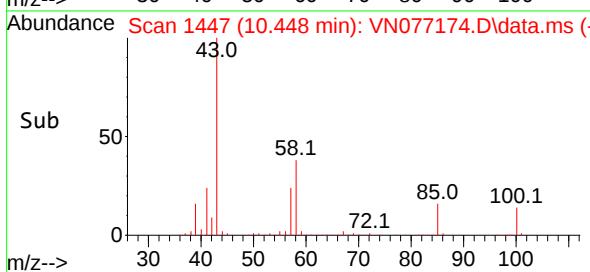
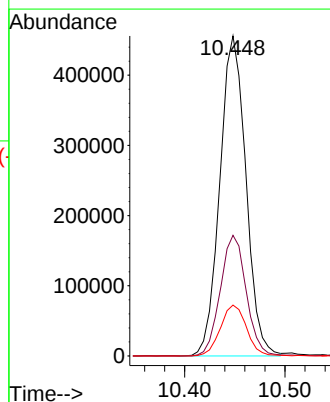
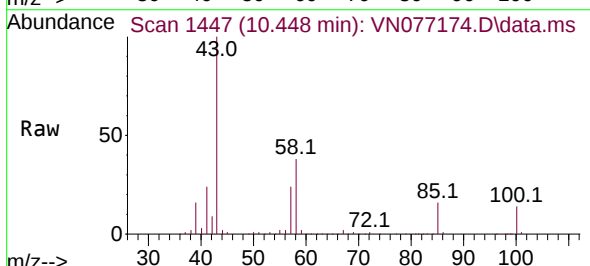
Tgt Ion: 43 Resp: 824006

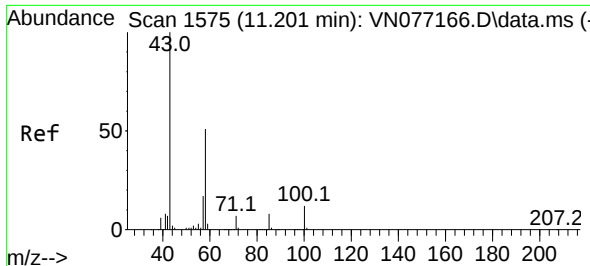
Ion Ratio Lower Upper

43 100

58 37.6 28.6 42.8

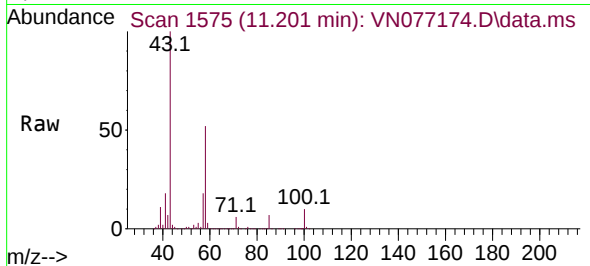
85 16.0 11.8 17.8





#59
2-Hexanone
Concen: 95.022 ug/l
RT: 11.201 min Scan# 11122
Delta R.T. 0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

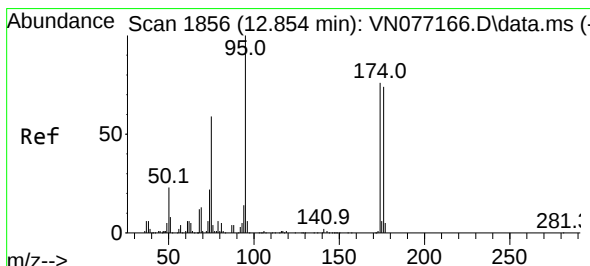
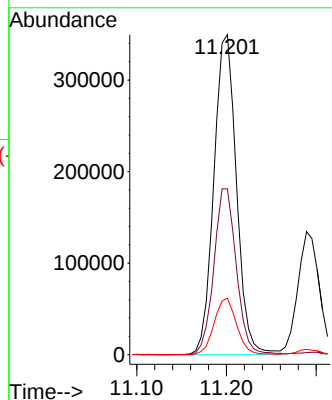
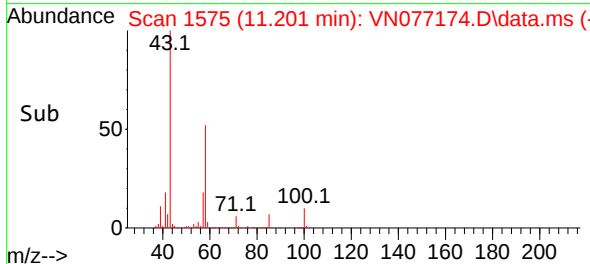
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion: 43 Resp: 61122
Ion Ratio Lower Upper
43 100
58 51.7 40.6 60.8
57 17.6 13.1 19.7

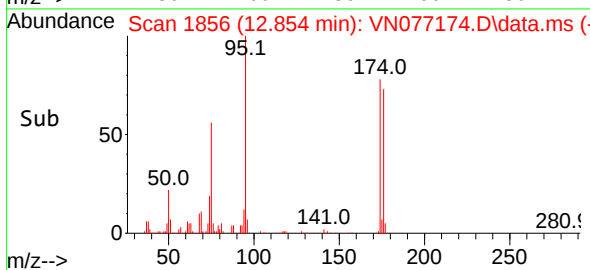
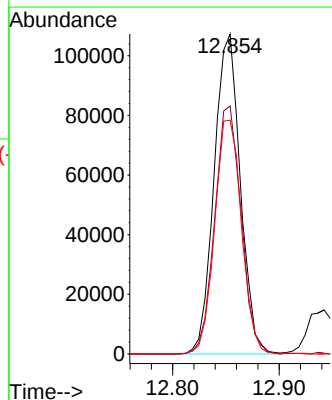
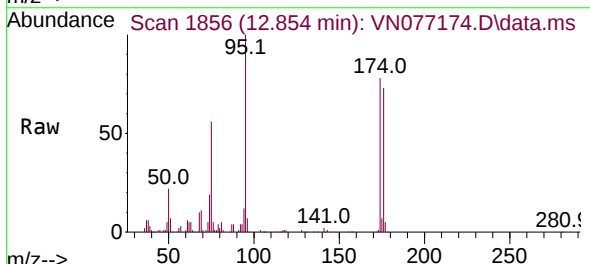
Manual Integrations
APPROVED

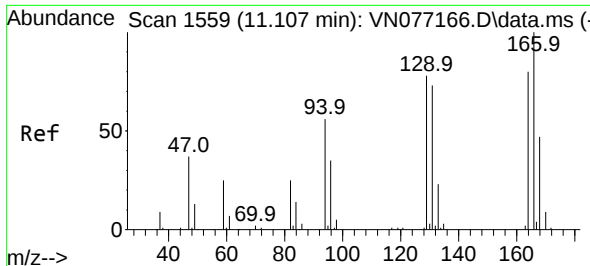
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#60
4-Bromofluorobenzene
Concen: 29.763 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

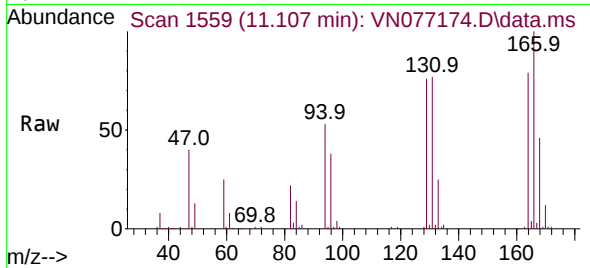
Tgt Ion: 95 Resp: 182762
Ion Ratio Lower Upper
95 100
174 78.2 64.2 96.4
176 75.0 61.4 92.0





#61
Tetrachloroethene
Concen: 20.510 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

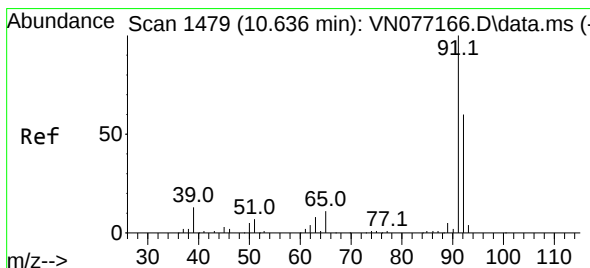
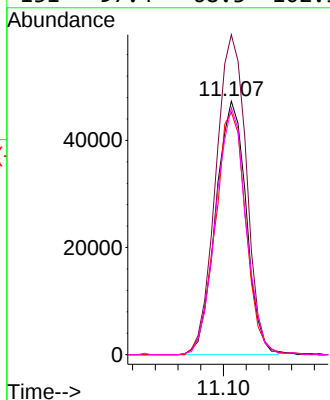
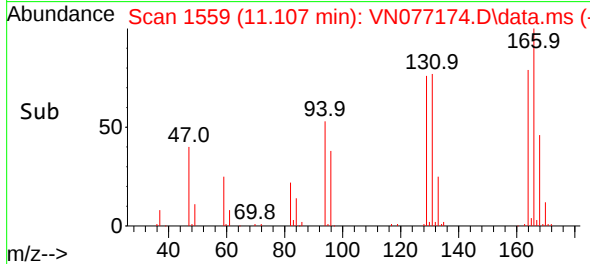
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



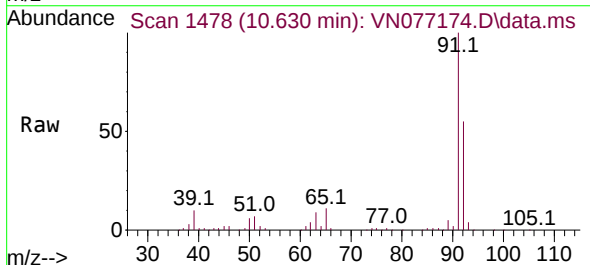
Tgt Ion:164 Resp: 87989
Ion Ratio Lower Upper
164 100
166 126.3 96.2 144.2
129 95.7 78.2 117.4
131 97.4 68.3 102.5

Manual Integrations
APPROVED

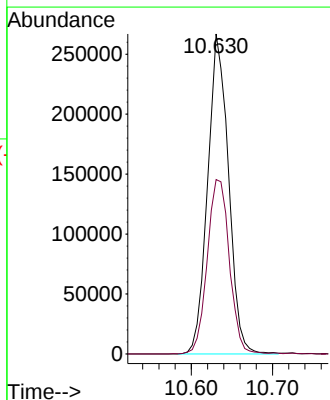
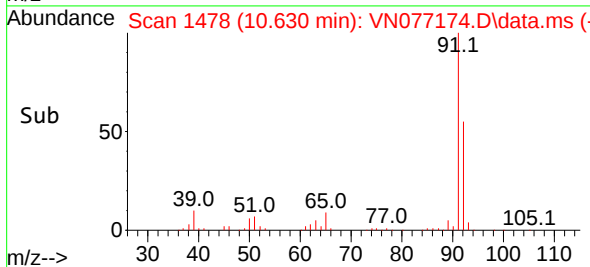
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

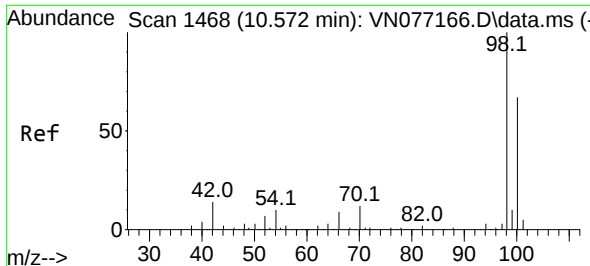


#62
Toluene
Concen: 19.809 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09



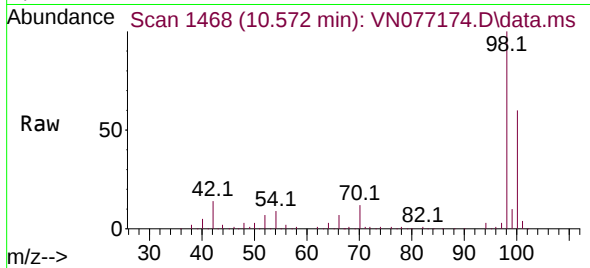
Tgt Ion: 91 Resp: 475891
Ion Ratio Lower Upper
91 100
92 57.9 46.3 69.5





#63
Toluene-d8
Concen: 30.198 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

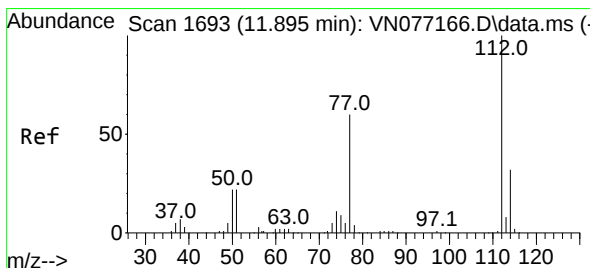
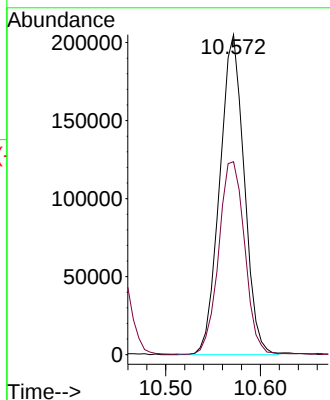
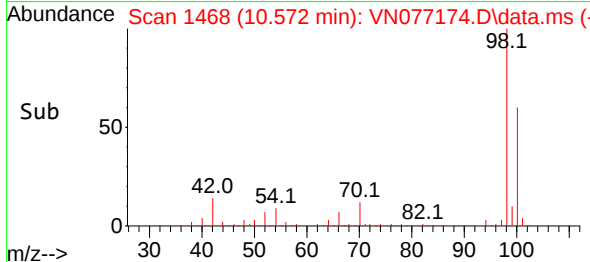
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



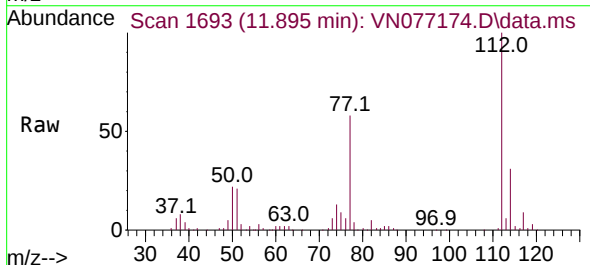
Tgt Ion: 98 Resp: 368474
Ion Ratio Lower Upper
98 100
100 64.0 53.8 80.6

Manual Integrations
APPROVED

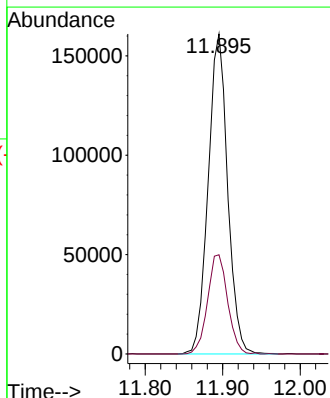
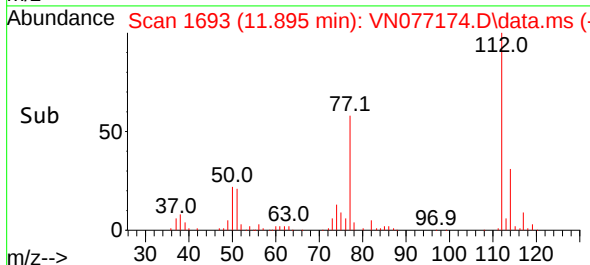
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

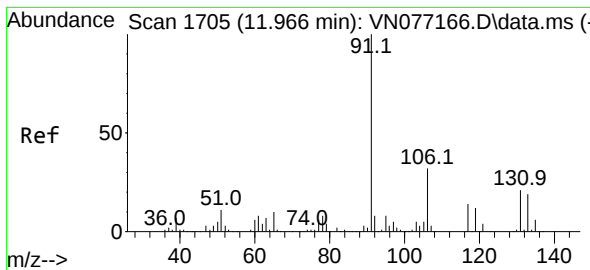


#64
Chlorobenzene
Concen: 19.725 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09



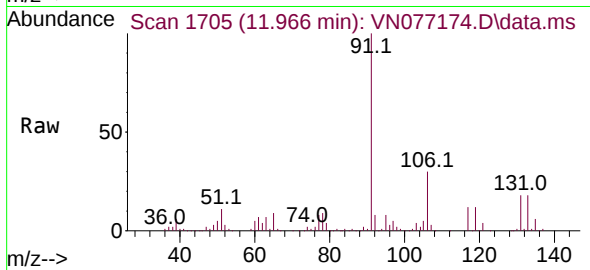
Tgt Ion:112 Resp: 280354
Ion Ratio Lower Upper
112 100
114 31.0 24.5 36.7





#65
1,1,1,2-Tetrachloroethane
Concen: 19.510 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

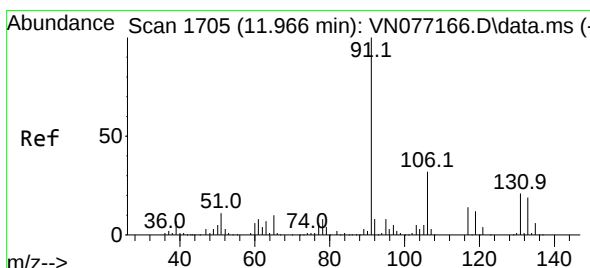
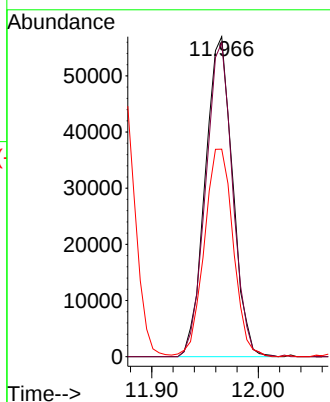
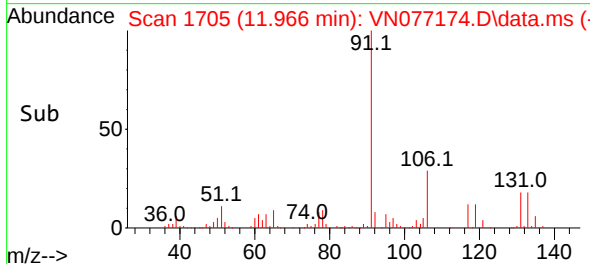
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



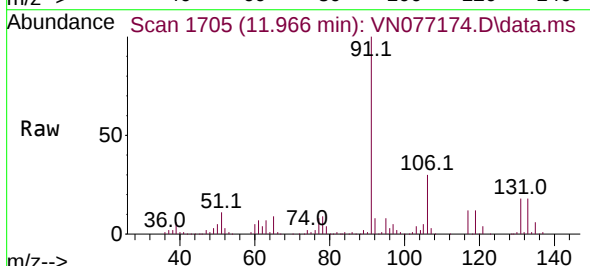
Tgt Ion:131 Resp: 10183
Ion Ratio Lower Upper
131 100
133 96.4 0.0 197.6
119 68.5 0.0 127.8

Manual Integrations
APPROVED

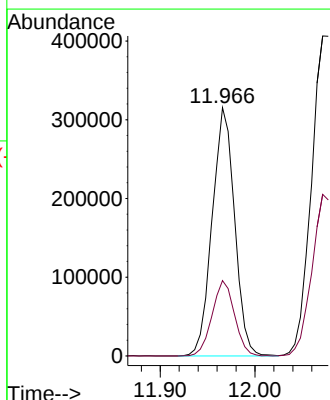
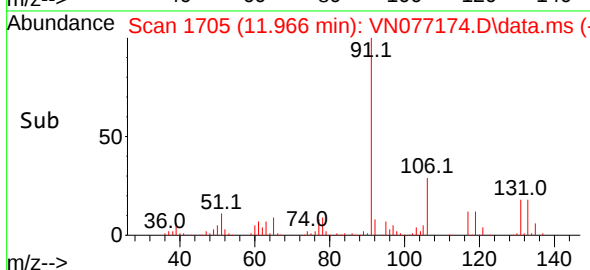
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

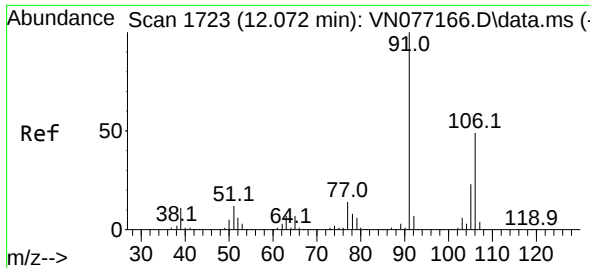


#66
Ethyl Benzene
Concen: 20.096 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09



Tgt Ion: 91 Resp: 518744
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.8





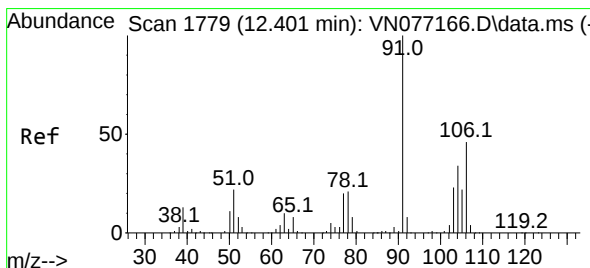
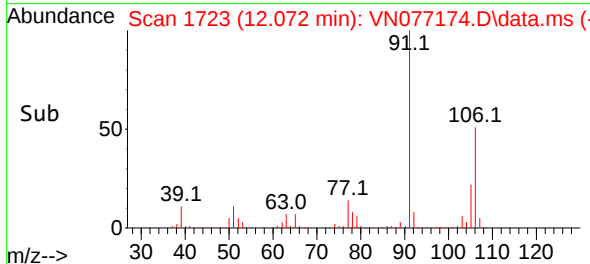
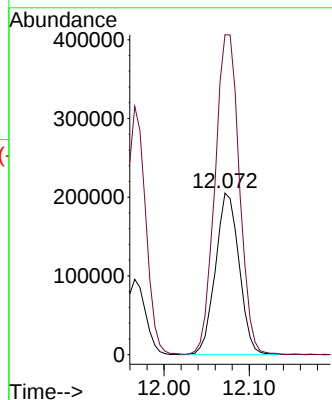
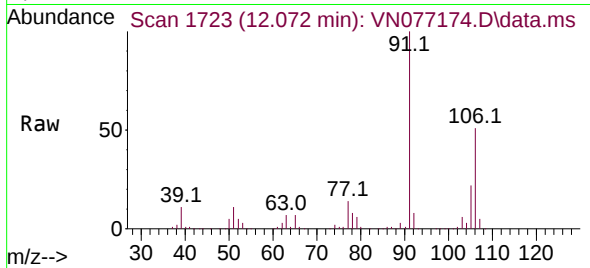
#67
m/p-Xylenes
Concen: 40.011 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion:106 Resp: 397463
Ion Ratio Lower Upper
106 100
91 204.2 157.4 236.2

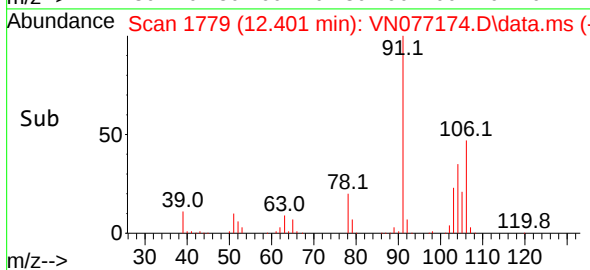
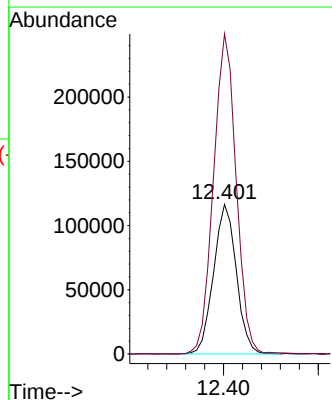
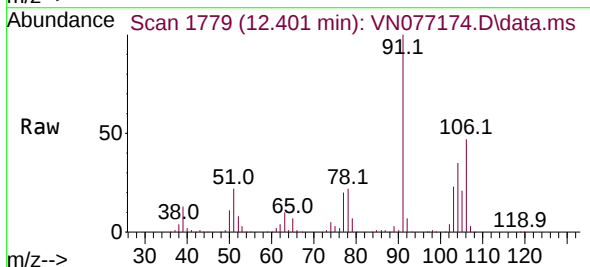
Manual Integrations
APPROVED

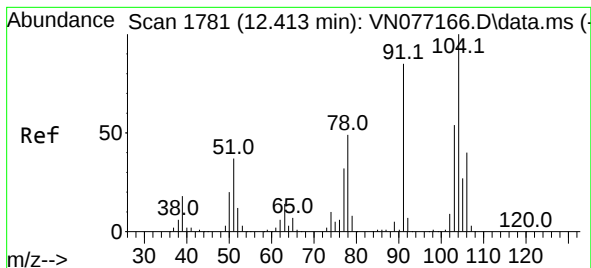
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#68
o-Xylene
Concen: 20.002 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Tgt Ion:106 Resp: 194550
Ion Ratio Lower Upper
106 100
91 212.5 107.2 321.6





#69

Styrene

Concen: 19.490 ug/l

RT: 12.413 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077174.D

Acq: 24 Mar 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBS01

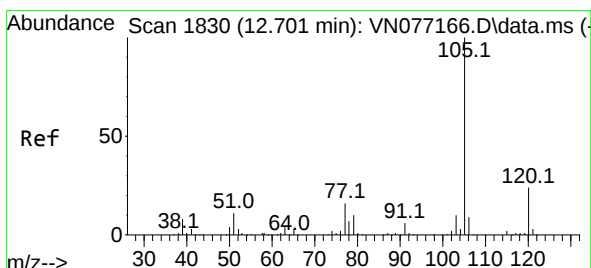
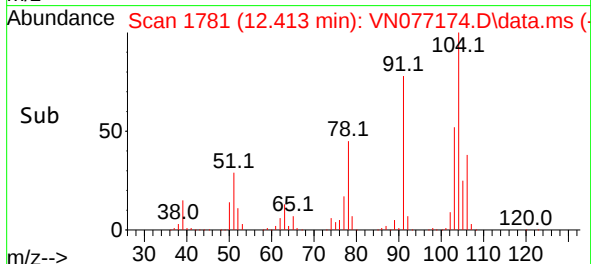
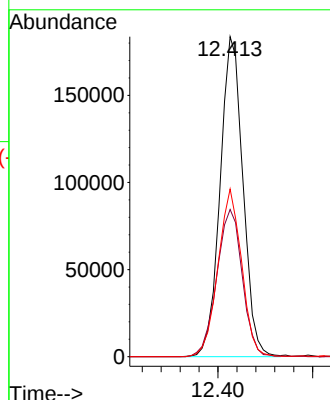
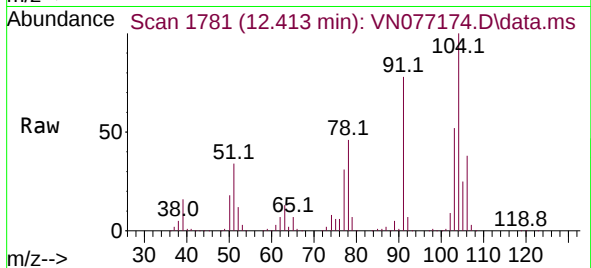
Tgt Ion:104 Resp: 30781
 Ion Ratio Lower Upper
 104 100
 78 51.3 39.6 59.4
 103 54.0 43.9 65.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#70

Isopropylbenzene

Concen: 19.899 ug/l

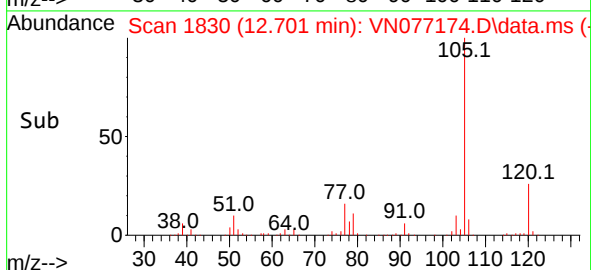
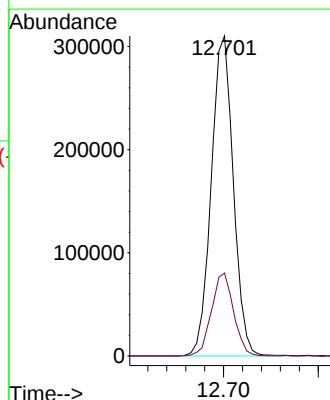
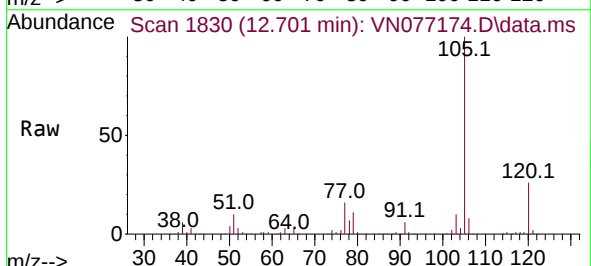
RT: 12.701 min Scan# 1830

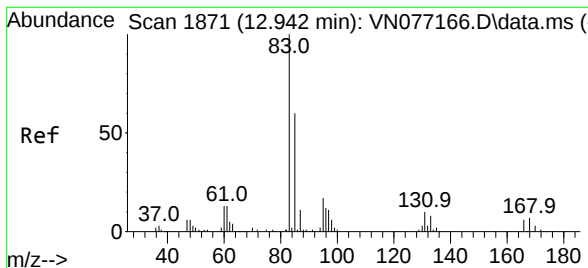
Delta R.T. -0.000 min

Lab File: VN077174.D

Acq: 24 Mar 2023 11:09

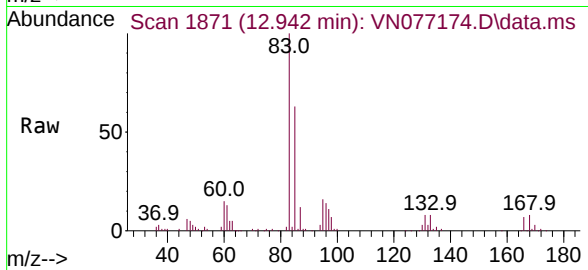
Tgt Ion:105 Resp: 501880
 Ion Ratio Lower Upper
 105 100
 120 25.9 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 19.142 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

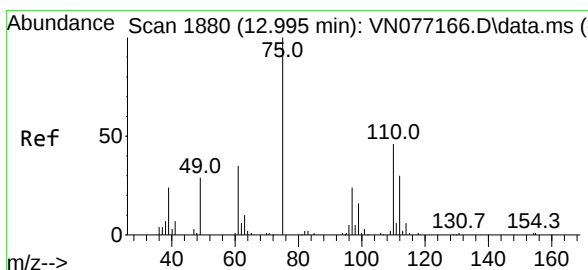
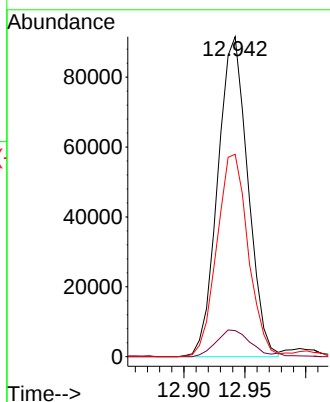
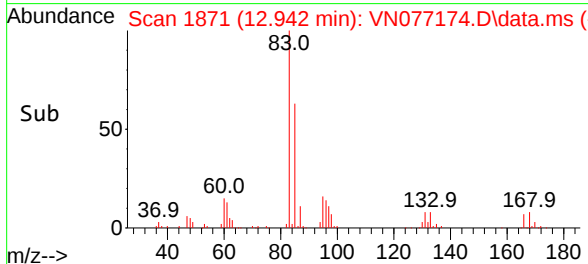
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



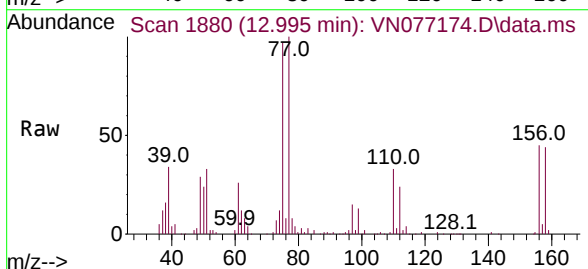
Tgt Ion: 83 Resp: 158032
Ion Ratio Lower Upper
83 100
131 9.3 5.0 14.9
85 65.5 32.3 96.9

Manual Integrations
APPROVED

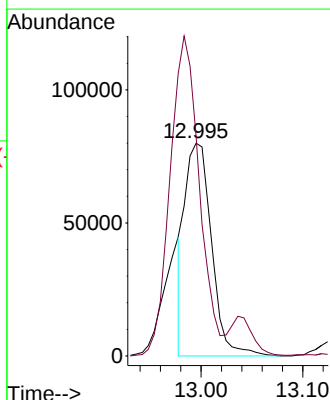
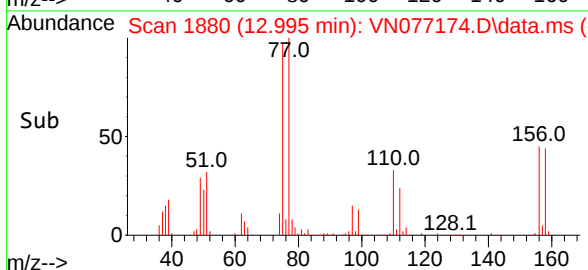
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

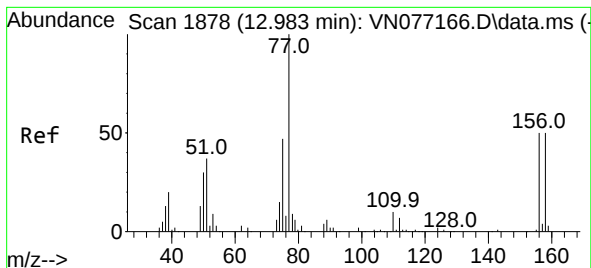


#72
1,2,3-Trichloropropane
Concen: 19.978 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09



Tgt Ion: 75 Resp: 145988
Ion Ratio Lower Upper
75 100
77 164.3 0.0 332.6





#73

Bromobenzene

Concen: 19.507 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077174.D

Acq: 24 Mar 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBS01

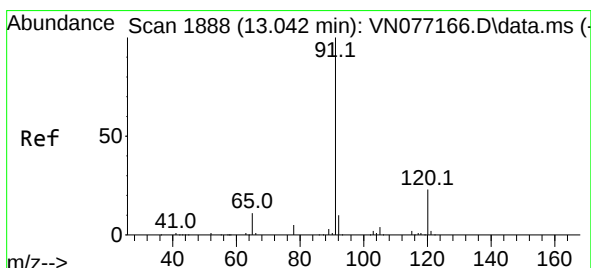
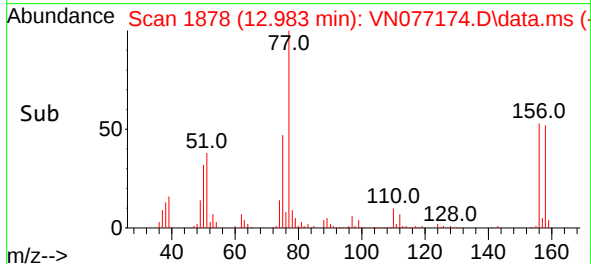
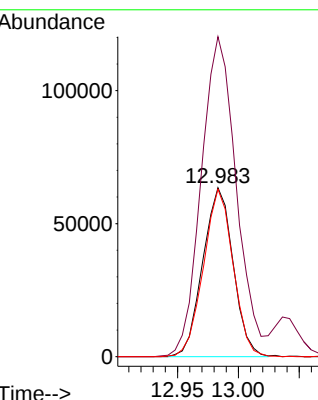
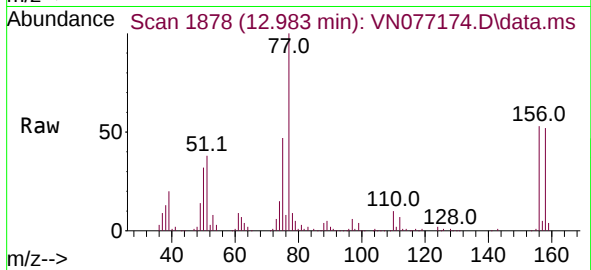
Tgt Ion:156 Resp: 109990
 Ion Ratio Lower Upper
 156 100
 77 218.1 0.0 423.0
 158 97.0 0.0 188.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#74

n-propylbenzene

Concen: 19.824 ug/l

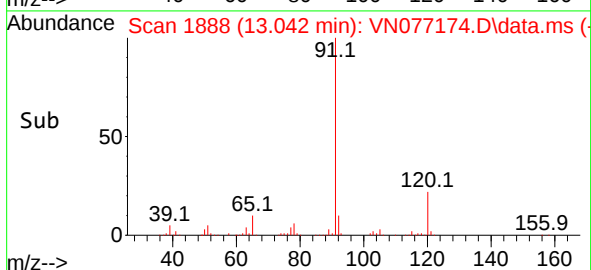
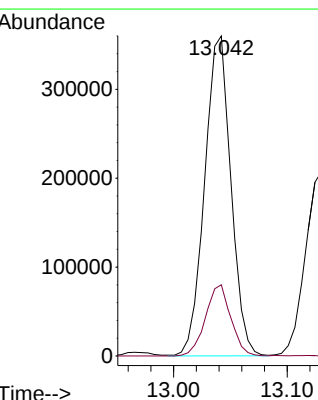
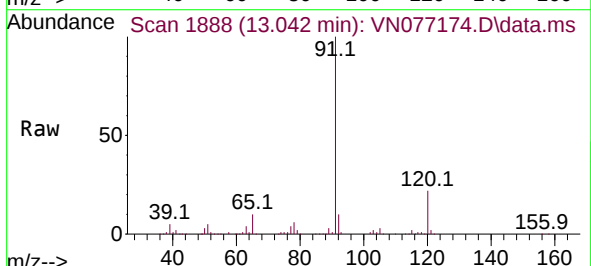
RT: 13.042 min Scan# 1888

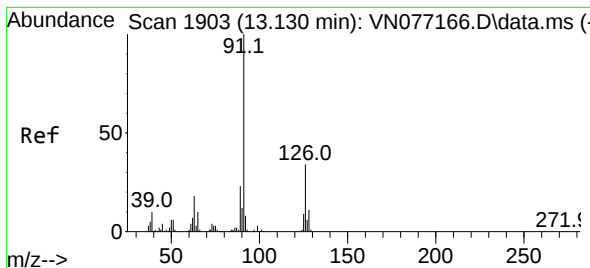
Delta R.T. 0.000 min

Lab File: VN077174.D

Acq: 24 Mar 2023 11:09

Tgt Ion: 91 Resp: 578846
 Ion Ratio Lower Upper
 91 100
 120 21.4 0.0 44.0





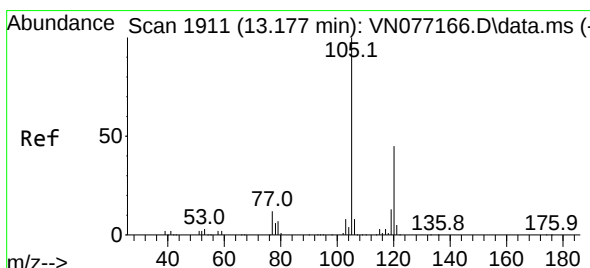
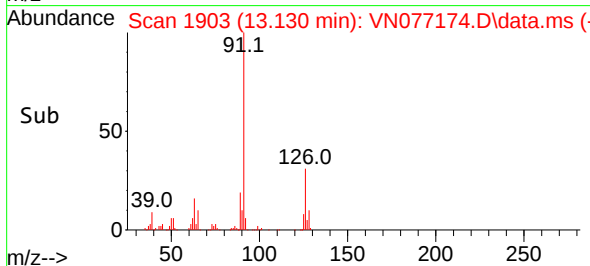
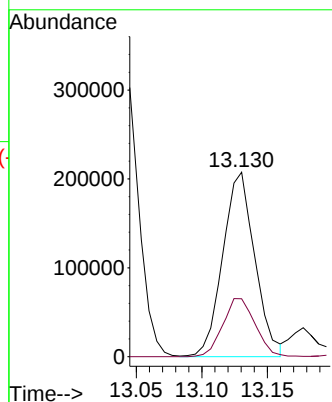
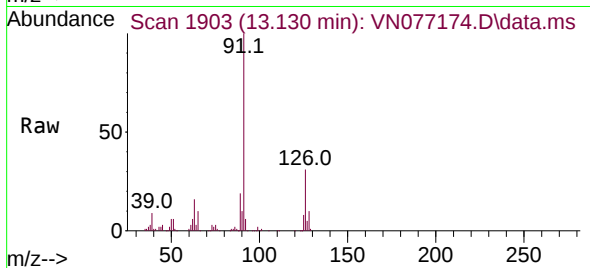
#75
2-Chlorotoluene
Concen: 20.066 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion: 91 Resp: 35327
Ion Ratio Lower Upper
91 100
126 31.9 0.0 66.4

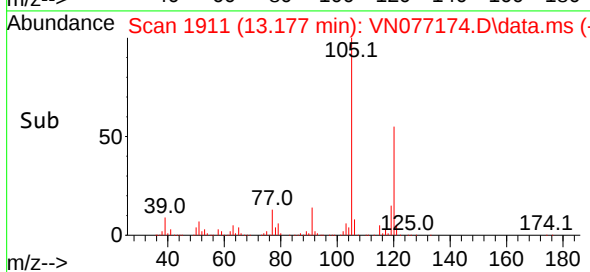
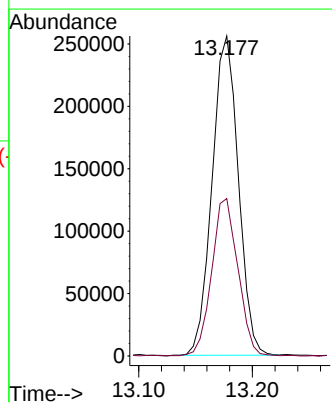
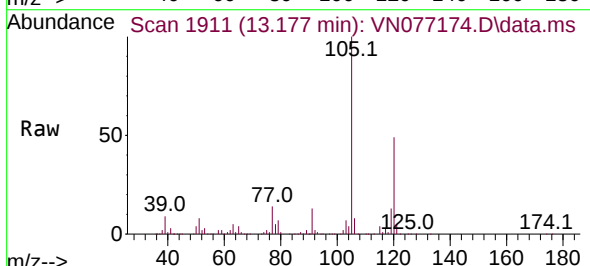
Manual Integrations
APPROVED

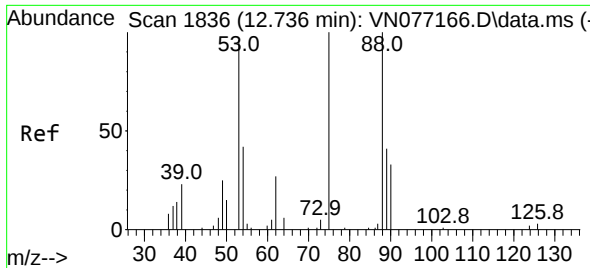
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.612 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

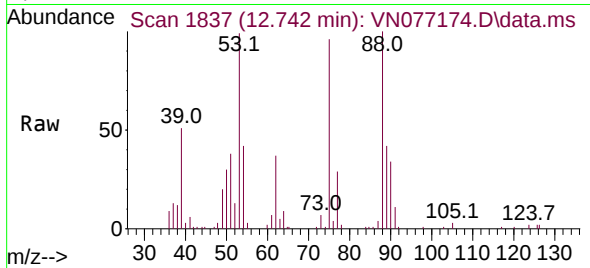
Tgt Ion:105 Resp: 410585
Ion Ratio Lower Upper
105 100
120 49.3 0.0 103.2





#77
t-1,4-Dichloro-2-butene
Concen: 19.366 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

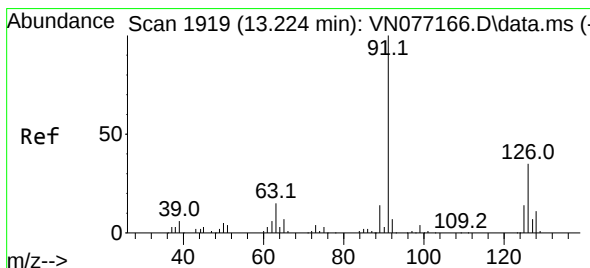
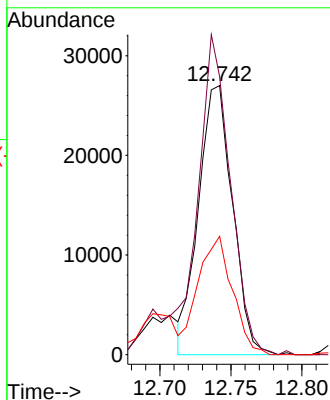
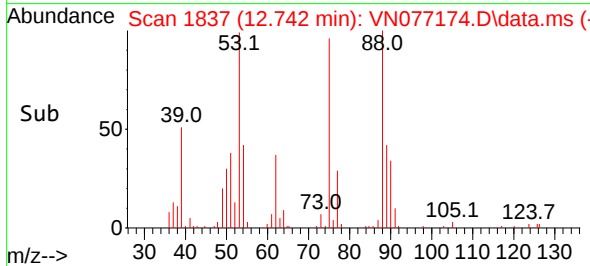
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion: 75 Resp: 4511
Ion Ratio Lower Upper
75 100
53 103.3 50.4 151.3
89 44.0 22.1 66.5

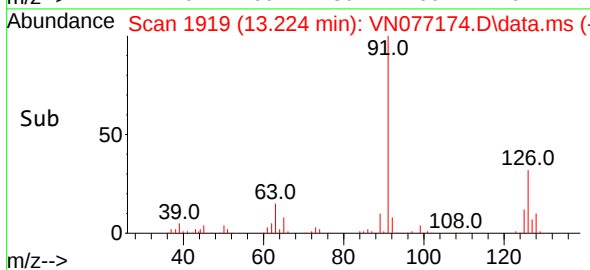
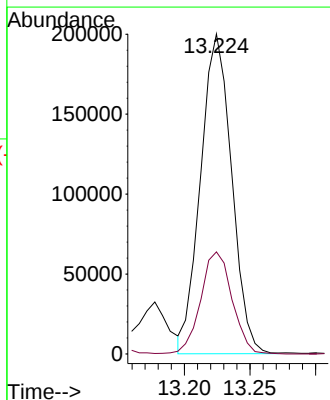
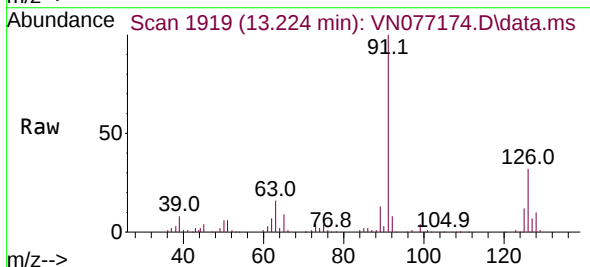
Manual Integrations
APPROVED

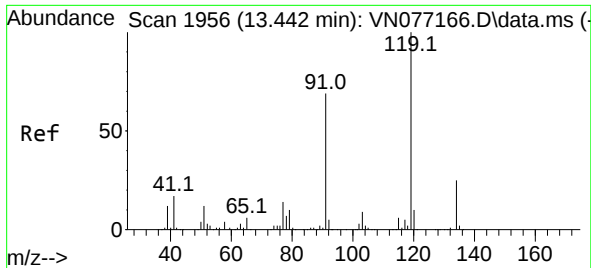
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#78
4-Chlorotoluene
Concen: 19.473 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Tgt Ion: 91 Resp: 329786
Ion Ratio Lower Upper
91 100
126 32.3 0.0 70.6





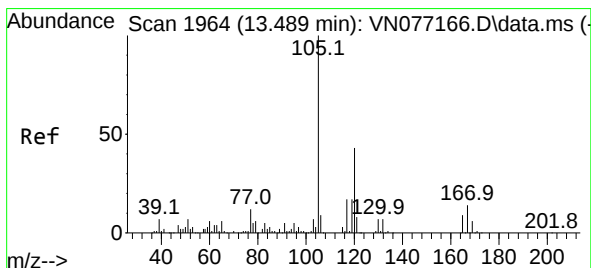
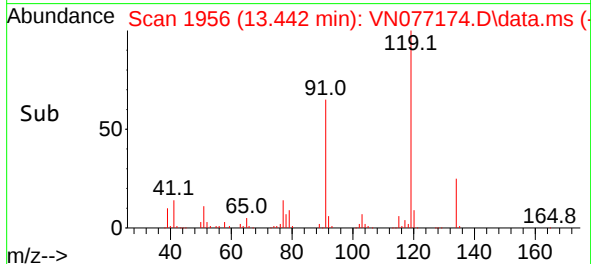
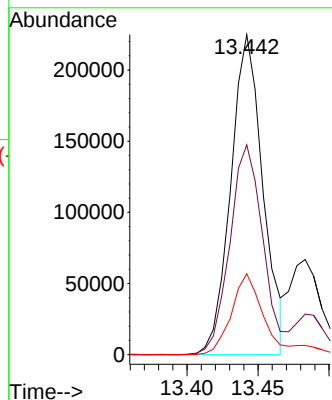
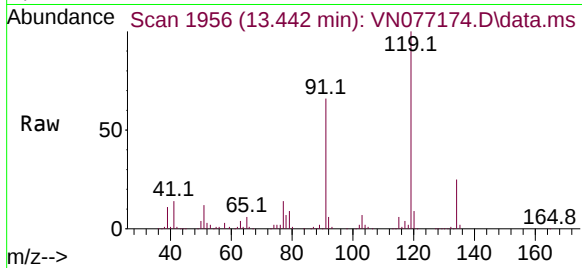
#79
tert-butylbenzene
Concen: 19.795 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion:119 Resp: 354036
Ion Ratio Lower Upper
119 100
91 68.3 0.0 129.6
134 24.4 0.0 47.8

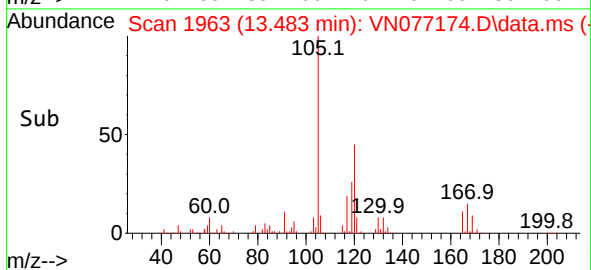
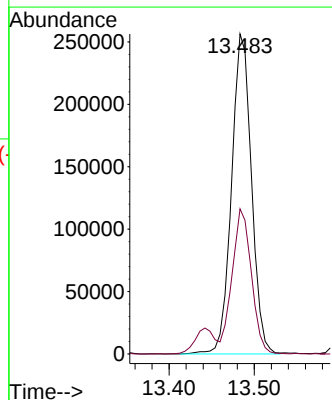
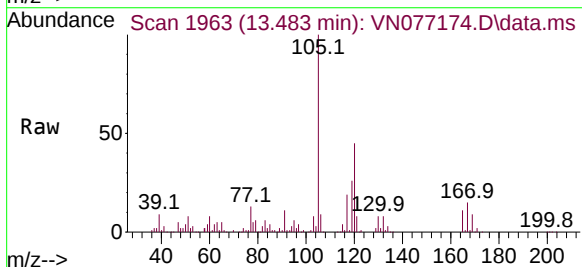
Manual Integrations
APPROVED

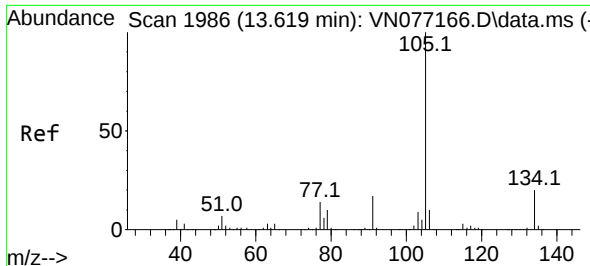
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#80
1,2,4-Trimethylbenzene
Concen: 20.027 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.006 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Tgt Ion:105 Resp: 416083
Ion Ratio Lower Upper
105 100
120 43.7 0.0 93.2





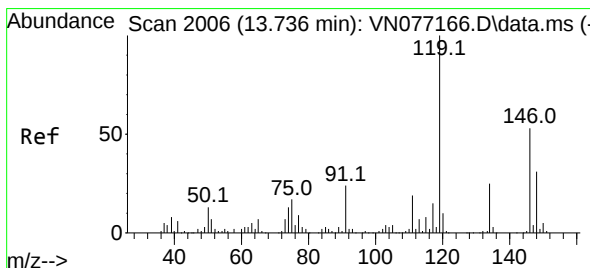
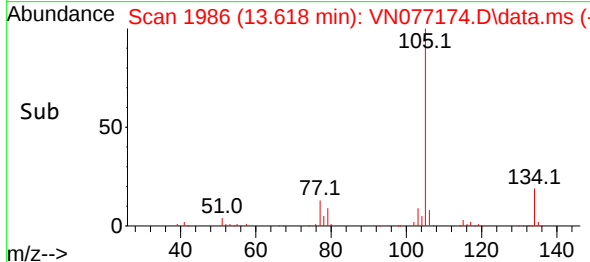
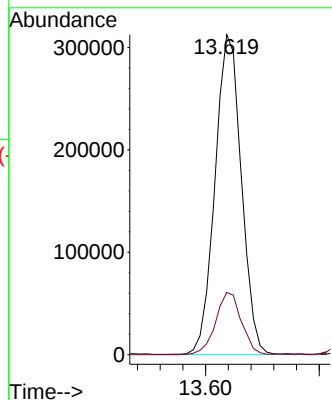
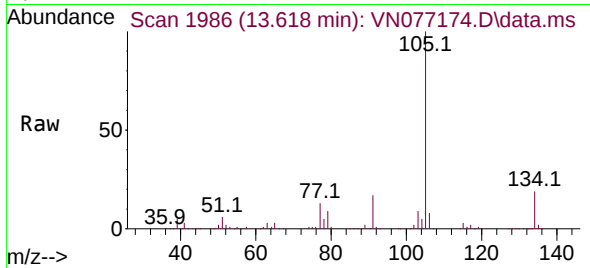
#81
 sec-Butylbenzene
 Concen: 19.463 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN077174.D
 Acq: 24 Mar 2023 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBS01

Tgt Ion:105 Resp: 50262
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 39.4

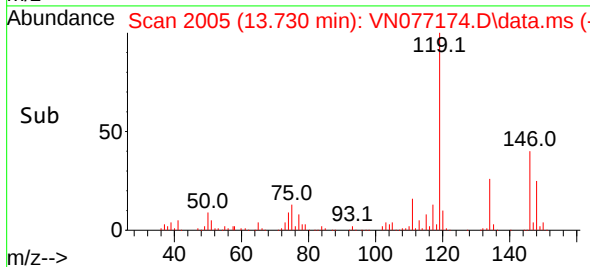
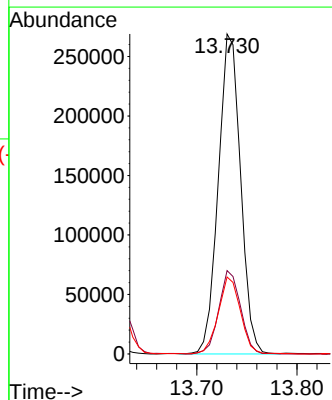
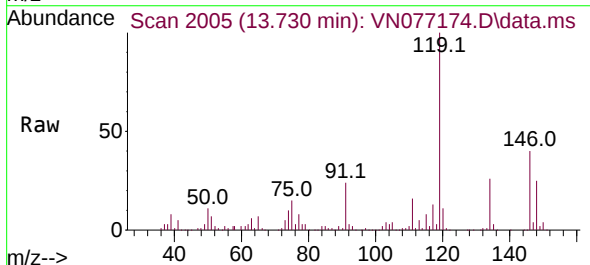
Manual Integrations
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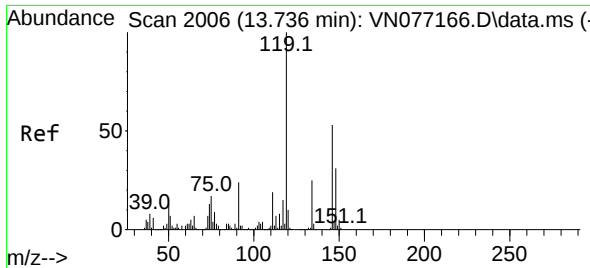
Reviewed By :John Carlone 03/27/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023



#82
 p-Isopropyltoluene
 Concen: 20.022 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.006 min
 Lab File: VN077174.D
 Acq: 24 Mar 2023 11:09

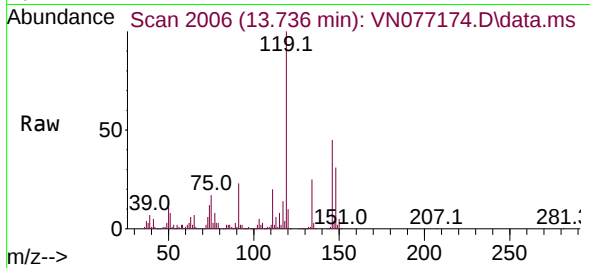
Tgt Ion:119 Resp: 414479
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 53.4
 91 23.8 0.0 47.2





#83
 1,3-Dichlorobenzene
 Concen: 19.649 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077174.D
 Acq: 24 Mar 2023 11:09

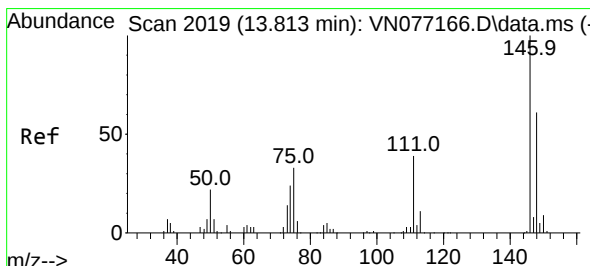
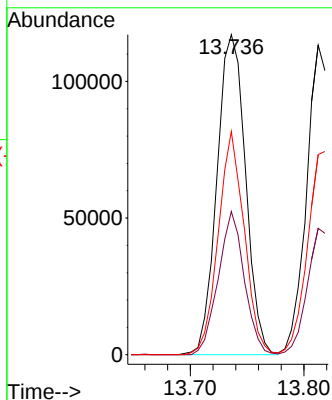
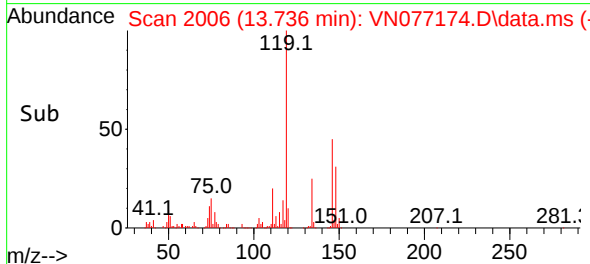
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBS01



Tgt Ion:146 Resp: 20514
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 60.8
 148 63.4 31.9 95.5

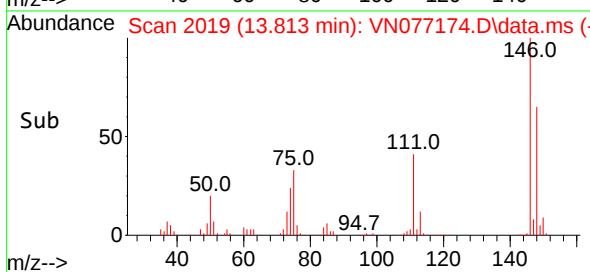
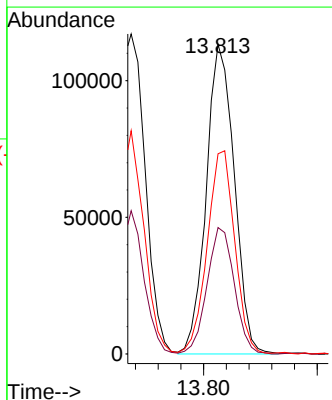
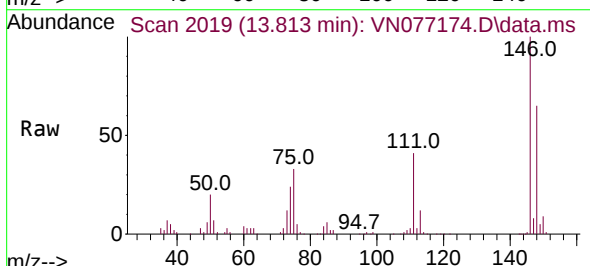
Manual Integrations
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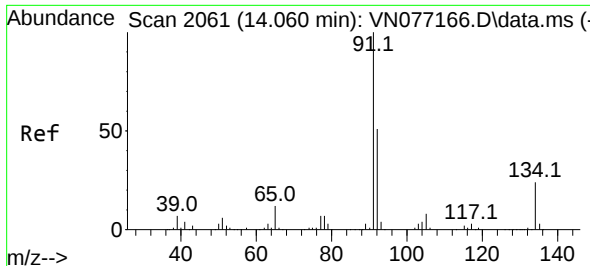
Reviewed By :John Carlone 03/27/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023



#84
 1,4-Dichlorobenzene
 Concen: 19.118 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN077174.D
 Acq: 24 Mar 2023 11:09

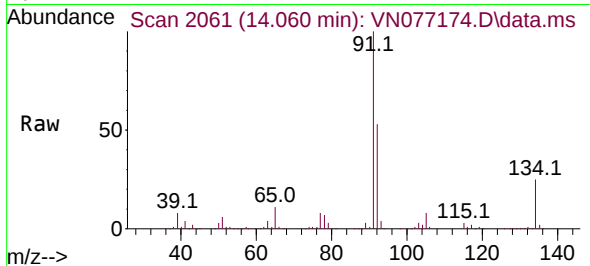
Tgt Ion:146 Resp: 194443
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.2 54.6
 148 64.6 31.1 93.2





#85
n-Butylbenzene
Concen: 19.180 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

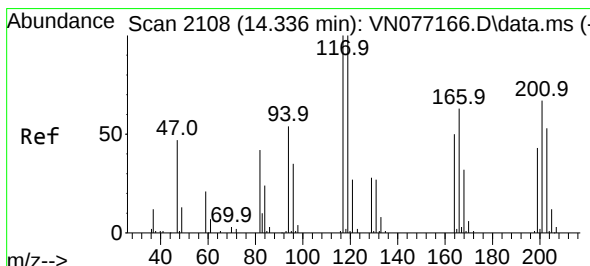
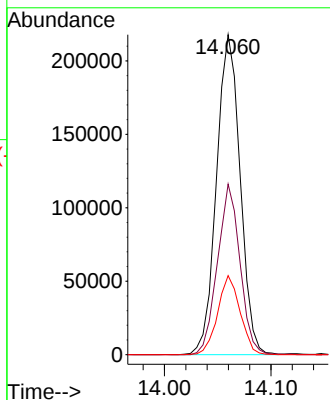
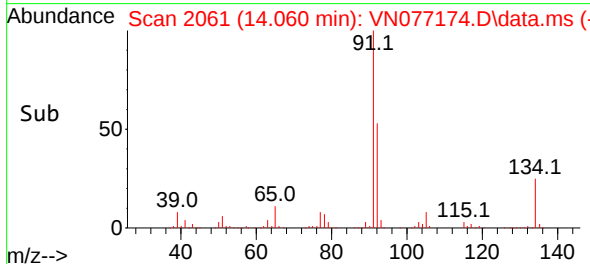
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion: 91 Resp: 33560
Ion Ratio Lower Upper
91 100
92 50.8 0.0 103.2
134 23.4 0.0 50.0

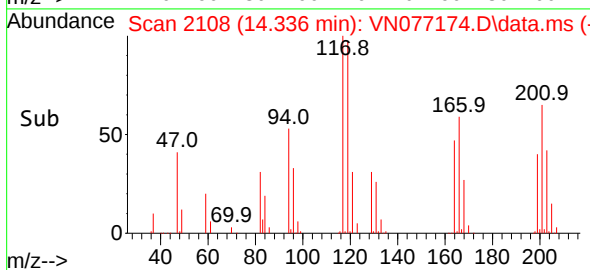
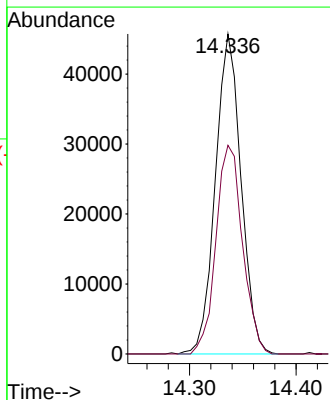
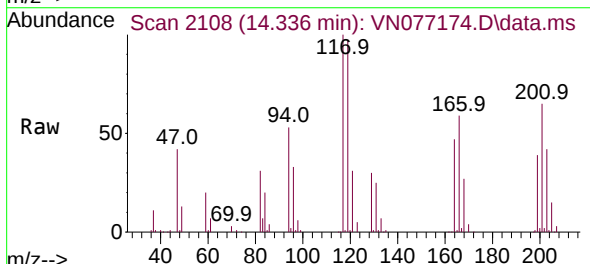
Manual Integrations
APPROVED

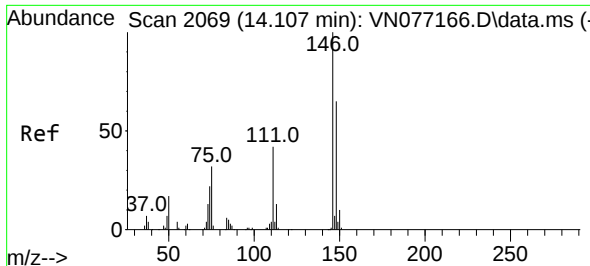
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#86
Hexachloroethane
Concen: 19.387 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

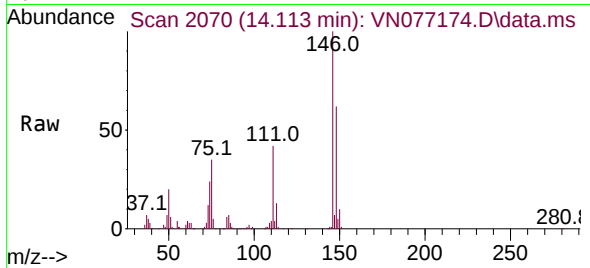
Tgt Ion:117 Resp: 76533
Ion Ratio Lower Upper
117 100
201 67.4 32.2 96.6





#87
1,2-Dichlorobenzene
Concen: 19.385 ug/l
RT: 14.113 min Scan# 2069
Delta R.T. 0.006 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

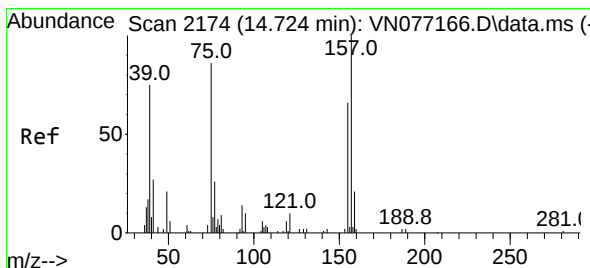
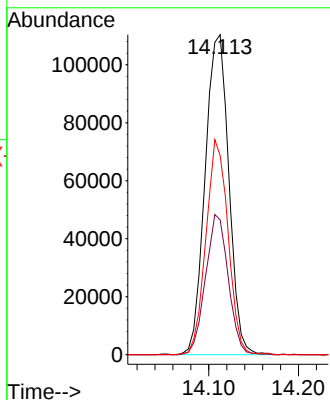
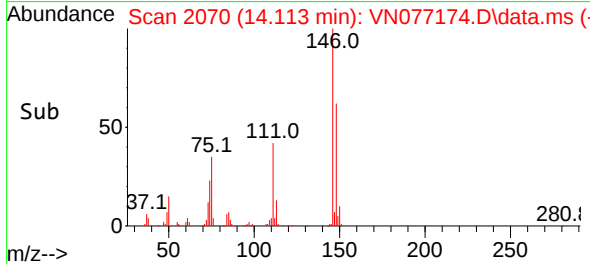
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion:146 Resp: 20239
Ion Ratio Lower Upper
146 100
111 42.0 20.5 61.6
148 62.7 32.5 97.5

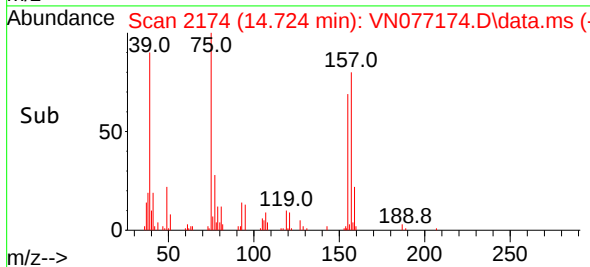
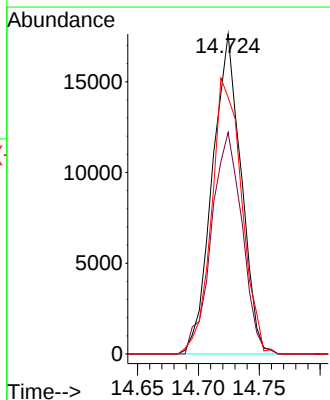
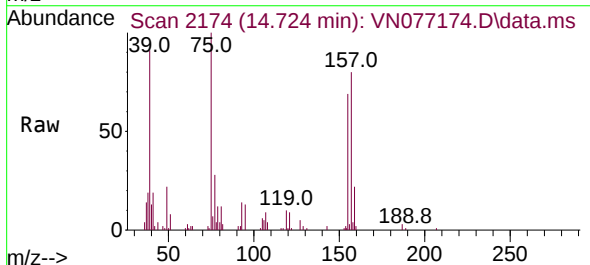
Manual Integrations
APPROVED

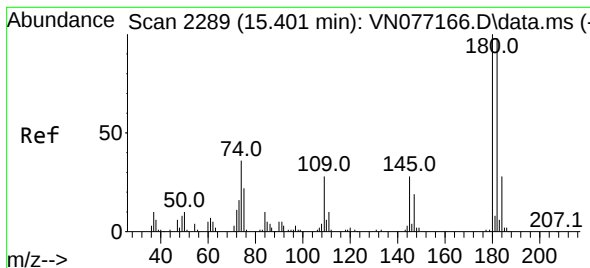
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.333 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

Tgt Ion: 75 Resp: 29041
Ion Ratio Lower Upper
75 100
155 73.6 62.5 93.7
157 89.6 77.5 116.3





#89

1,2,4-Trichlorobenzene

Concen: 17.740 ug/l

RT: 15.401 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077174.D

Acq: 24 Mar 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBS01

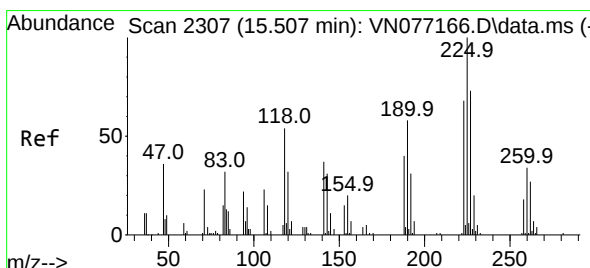
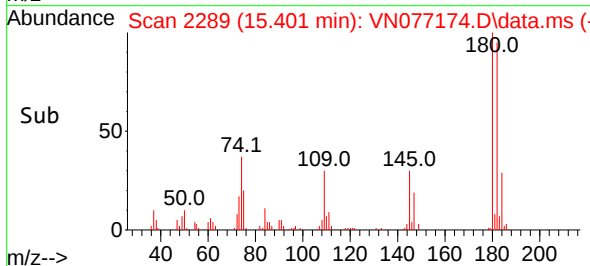
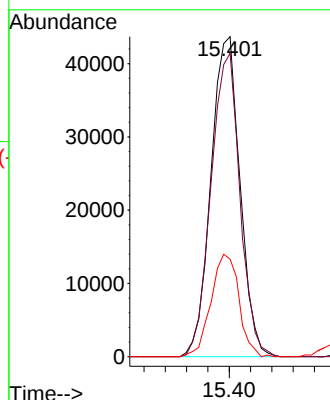
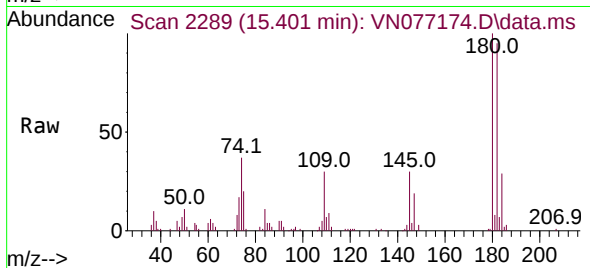
Tgt Ion:180	Resp:	82624
Ion Ratio	Lower	Upper
180	100	
182	94.4	76.6 115.0
145	30.7	24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#90

Hexachlorobutadiene

Concen: 20.563 ug/l

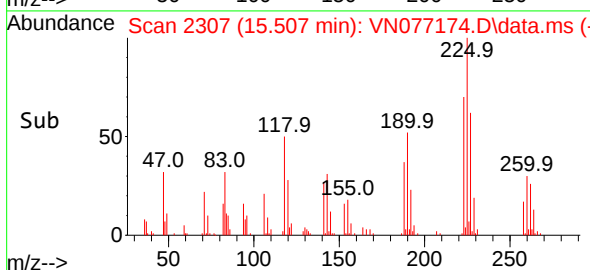
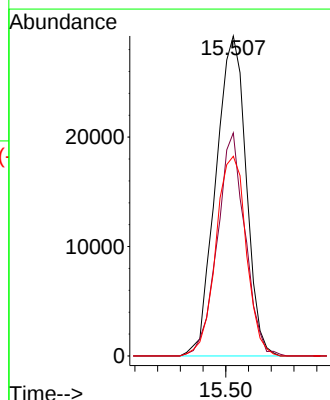
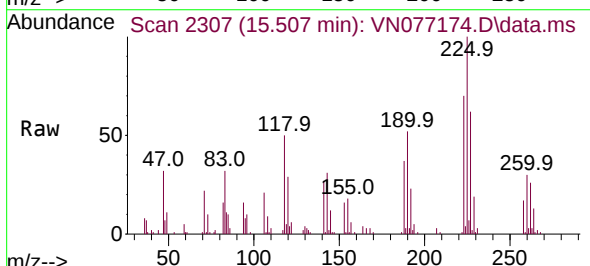
RT: 15.507 min Scan# 2307

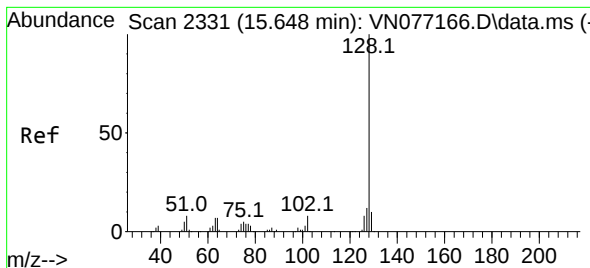
Delta R.T. -0.000 min

Lab File: VN077174.D

Acq: 24 Mar 2023 11:09

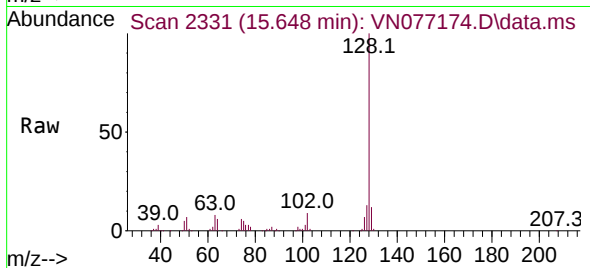
Tgt Ion:225	Resp:	54030
Ion Ratio	Lower	Upper
225	100	
223	63.6	0.0 135.4
227	62.7	0.0 129.4





#91
Naphthalene
Concen: 16.952 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09

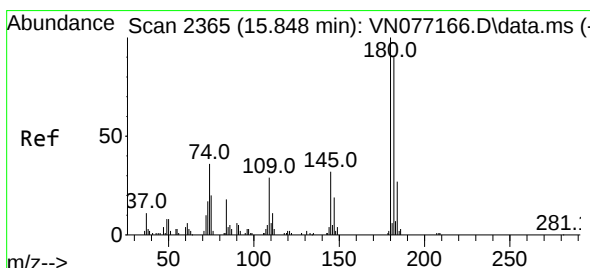
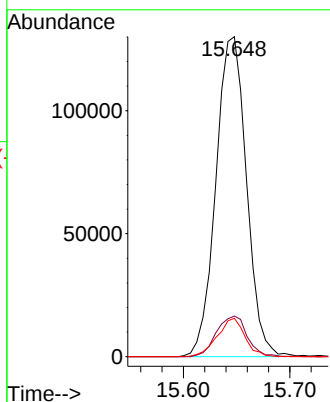
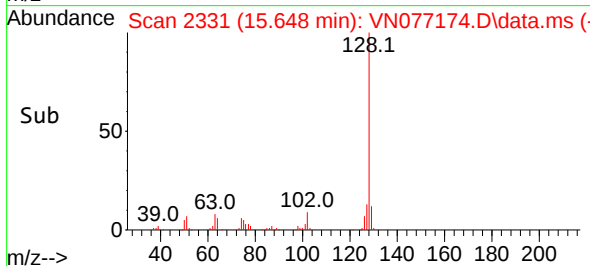
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



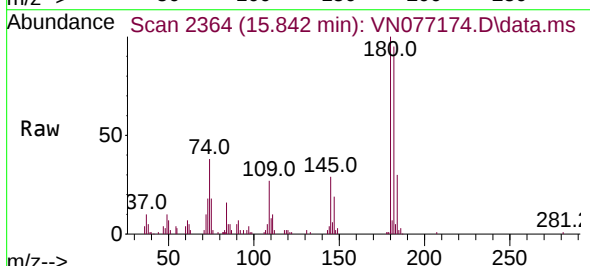
Tgt Ion:128 Resp: 259090
Ion Ratio Lower Upper
128 100
127 12.7 11.0 16.6
129 10.8 8.9 13.3

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 17.720 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.006 min
Lab File: VN077174.D
Acq: 24 Mar 2023 11:09



Tgt Ion:180 Resp: 81956
Ion Ratio Lower Upper
180 100
182 95.4 0.0 190.8
145 32.6 0.0 65.0

