

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011124\
 Data File : VN080674.D
 Acq On : 11 Jan 2024 14:05
 Operator : JC\MD
 Sample : VN0111WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2024
 Supervised By : Semsettin Yesilyurt 01/12/2024

Quant Time: Jan 12 05:23:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 05:20:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	13837	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	113858	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	130564	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	62721	28.069	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	93.567%		
60) 4-Bromofluorobenzene	12.847	95	82546	28.580	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	95.267%		
63) Toluene-d8	10.571	98	169291	29.544	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.467%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	43012	18.290	ug/l	98
3) Chloromethane	2.359	50	60323	18.830	ug/l	96
4) Vinyl Chloride	2.518	62	45918	18.843	ug/l	100
5) Bromomethane	2.959	94	16551	18.497	ug/l	91
6) Chloroethane	3.130	64	25071	19.030	ug/l	91
7) Trichlorofluoromethane	3.501	101	66042	18.141	ug/l	99
8) Diethyl Ether	3.959	74	33511	19.780	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.365	101	39203	18.687	ug/l	90
10) 1,1-Dichloroethene	4.336	96	39305	17.442	ug/l	81
11) Methyl Iodide	4.583	142	33193	17.270	ug/l	89
12) Methyl Acetate	5.030	43	54229m	20.340	ug/l	
13) Acrolein	4.171	56	34858	98.358	ug/l	99
14) Acrylonitrile	5.718	53	119234	99.245	ug/l	98
15) Acetone	4.424	58	28119	103.176	ug/l	82
16) Carbon Disulfide	4.712	76	128112	18.351	ug/l	# 93
17) Allyl chloride	5.018	41	80863	17.726	ug/l	84
18) Methylene Chloride	5.283	84	50010	19.098	ug/l	90
19) trans-1,2-Dichloroethene	5.783	96	46945	19.814	ug/l	94
20) Diisopropyl ether	6.665	45	185204	20.007	ug/l	# 92
21) 1,1-Dichloroethane	6.571	63	93001	18.500	ug/l	98
22) cis-1,2-Dichloroethene	7.483	96	51148	18.454	ug/l	# 81
23) tert-Butyl Alcohol	5.506	59	39733	95.892	ug/l	# 100
24) Methyl tert-Butyl Ether	5.783	73	159743	19.605	ug/l	# 86
25) Chloroform	7.959	83	85250	18.214	ug/l	98
26) Cyclohexane	8.259	56	74849	18.934	ug/l	# 90
29) 1,1-Dichloropropene	8.371	75	65830	19.020	ug/l	97
30) 2-Butanone	7.483	43	159480	104.131	ug/l	92
31) 2,2-Dichloropropane	7.489	77	78220	18.813	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	73078	19.189	ug/l	# 93
33) Carbon Tetrachloride	8.365	117	57827	19.226	ug/l	# 90
34) Benzene	8.606	78	205802	20.047	ug/l	97
35) Methacrylonitrile	7.783	41	39633	20.623	ug/l	84
36) 1,2-Dichloroethane	8.671	62	71701	18.995	ug/l	97
37) Trichloroethene	9.353	130	45229	20.201	ug/l	93
38) Methylcyclohexane	9.600	83	68025	20.175	ug/l	93
39) 1,2-Dichloropropane	9.624	63	57745	20.869	ug/l	92
40) Dibromomethane	9.706	93	32693	19.858	ug/l	87
41) Bromodichloromethane	9.888	83	71327	19.798	ug/l	97
42) Vinyl Acetate	6.600	43	729850	102.533	ug/l	95

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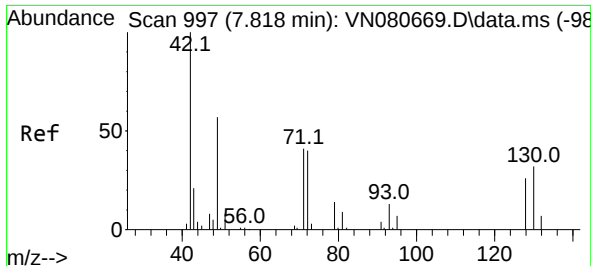
Manual Integrations
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Reviewed By :John Carlone 01/12/2024
 Supervised By :Semsettin Yesilyurt 01/12/2024

Quant Time: Jan 12 05:23:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	59231	18.418	ug/l	99
44) Isopropyl Acetate	8.688	43	127962	20.844	ug/l	89
45) 1,4-Dioxane	9.694	88	13968	400.060	ug/l #	82
46) Methyl methacrylate	9.682	41	55555	19.218	ug/l	79
47) n-amyl Acetate	12.494	43	112063m	20.343	ug/l	
48) t-1,3-Dichloropropene	10.835	75	80880	19.053	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	89609	19.888	ug/l #	82
50) 1,1,2-Trichloroethane	11.018	97	46154	20.413	ug/l	95
51) Ethyl methacrylate	10.877	69	80554	20.610	ug/l	78
52) 1,3-Dichloropropane	11.165	76	83951	19.723	ug/l	99
53) Dibromochloromethane	11.359	129	46069	20.362	ug/l	99
54) 1,2-Dibromoethane	11.471	107	45228	20.350	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	194994	97.063	ug/l	95
56) Bromoform	12.576	173	25862	19.350	ug/l #	95
58) 4-Methyl-2-Pentanone	10.441	43	343878	100.121	ug/l #	86
59) 2-Hexanone	11.194	43	255329	99.567	ug/l #	86
61) Tetrachloroethene	11.106	164	34013	19.570	ug/l	92
62) Toluene	10.635	91	206181	19.634	ug/l	100
64) Chlorobenzene	11.894	112	114763	19.621	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	39054	18.583	ug/l	93
66) Ethyl Benzene	11.965	91	220242	19.940	ug/l	96
67) m/p-Xylenes	12.076	106	154737	38.978	ug/l	96
68) o-Xylene	12.400	106	77212	19.502	ug/l	95
69) Styrene	12.412	104	127912	19.231	ug/l	97
70) Isopropylbenzene	12.694	105	188700	19.502	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	62628	19.829	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	57362m	19.163	ug/l	
73) Bromobenzene	12.976	156	39712	19.254	ug/l	74
74) n-propylbenzene	13.035	91	227972	19.535	ug/l	96
75) 2-Chlorotoluene	13.129	91	143882	19.606	ug/l	94
76) 1,3,5-Trimethylbenzene	13.176	105	154313	19.161	ug/l	97
77) t-1,4-Dichloro-2-butene	12.735	75	25733	20.970	ug/l	89
78) 4-Chlorotoluene	13.223	91	136917	18.664	ug/l	98
79) tert-butylbenzene	13.441	119	119874	19.069	ug/l	94
80) 1,2,4-Trimethylbenzene	13.482	105	150063	19.045	ug/l	99
81) sec-Butylbenzene	13.618	105	179815	19.431	ug/l	96
82) p-Isopropyltoluene	13.729	119	140739	19.942	ug/l	95
83) 1,3-Dichlorobenzene	13.735	146	68310	19.091	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	69888	19.398	ug/l	96
85) n-Butylbenzene	14.059	91	132316	18.976	ug/l	96
86) Hexachloroethane	14.335	117	24094	18.155	ug/l	78
87) 1,2-Dichlorobenzene	14.106	146	69521	19.806	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	12394	18.848	ug/l #	81
89) 1,2,4-Trichlorobenzene	15.841	180	33019	18.755	ug/l	93
90) Hexachlorobutadiene	15.506	225	13998	17.354	ug/l	97
91) Naphthalene	15.641	128	131703	19.190	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	33019	18.755	ug/l	93

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



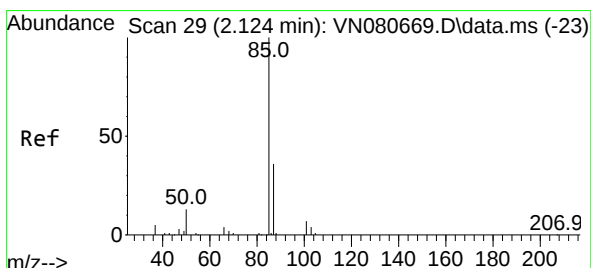
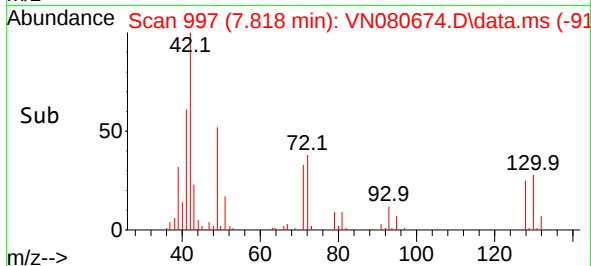
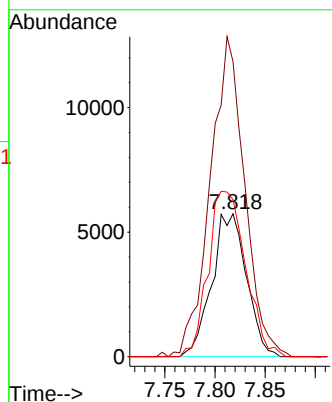
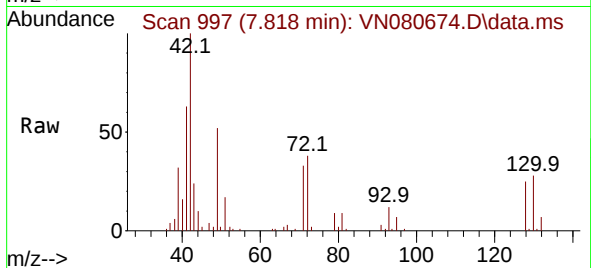
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01

Tgt Ion:128 Resp: 1383
Ion Ratio Lower Upper
128 100
49 221.6 0.0 403.7
130 125.1 0.0 323.3

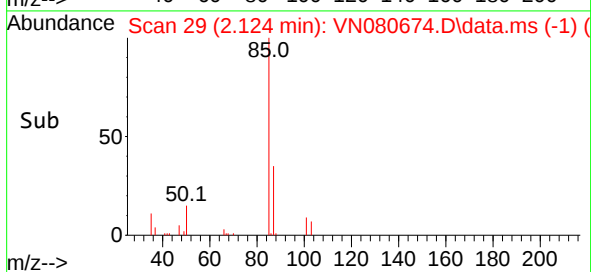
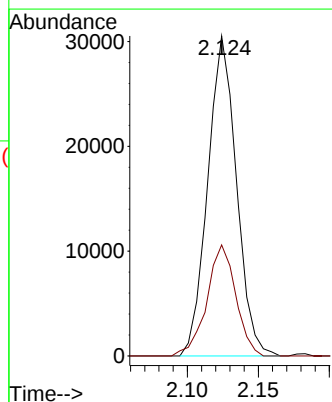
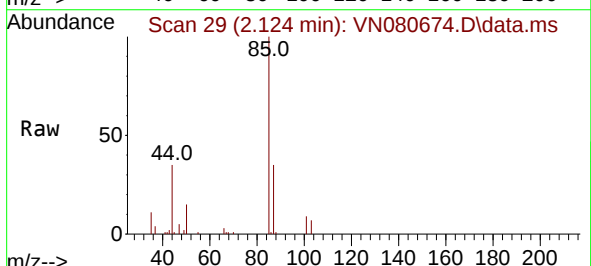
Manual Integrations
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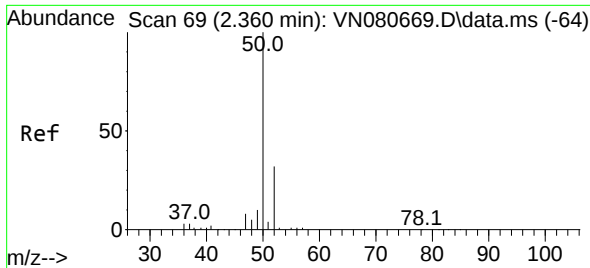
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#2
Dichlorodifluoromethane
Concen: 18.290 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Tgt Ion: 85 Resp: 43012
Ion Ratio Lower Upper
85 100
87 34.7 16.8 50.3





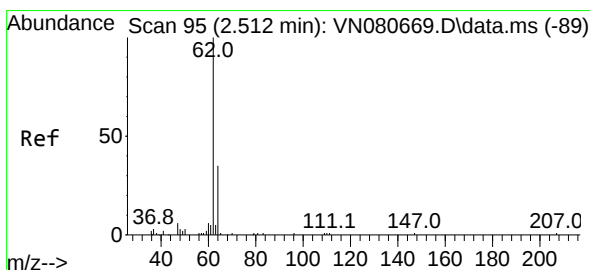
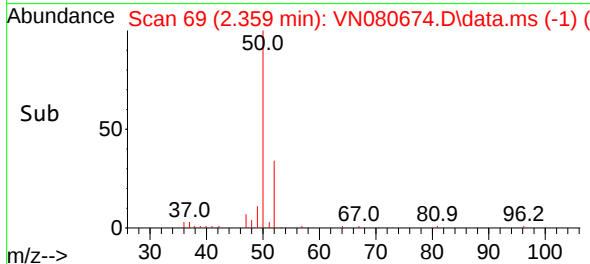
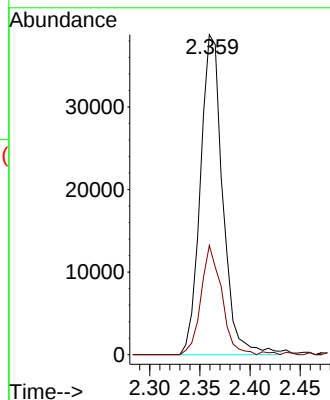
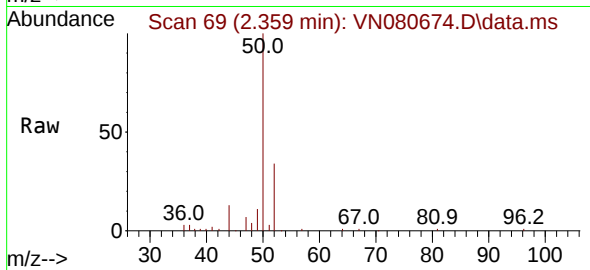
#3
Chloromethane
Concen: 18.830 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.001 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01

Tgt Ion: 50 Resp: 6032
Ion Ratio Lower Upper
50 100
52 34.2 25.4 38.0

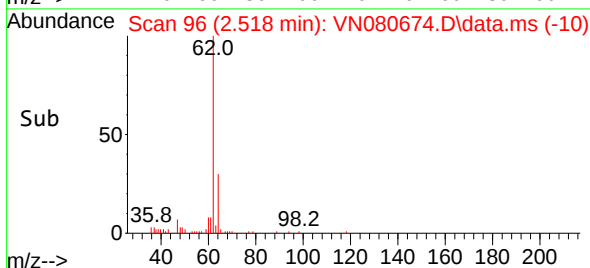
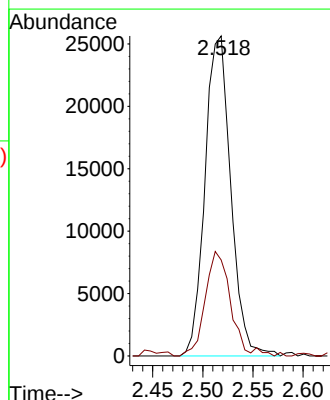
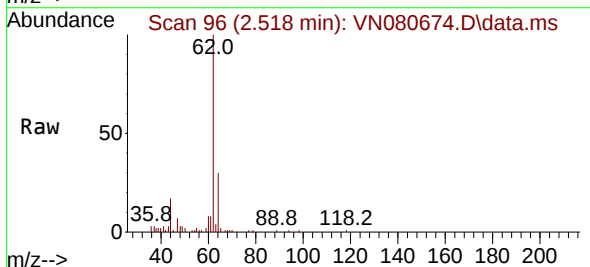
Manual Integrations
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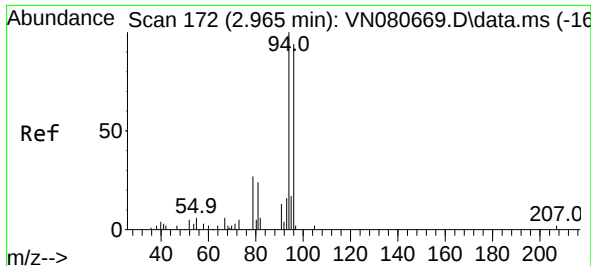
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#4
Vinyl Chloride
Concen: 18.843 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

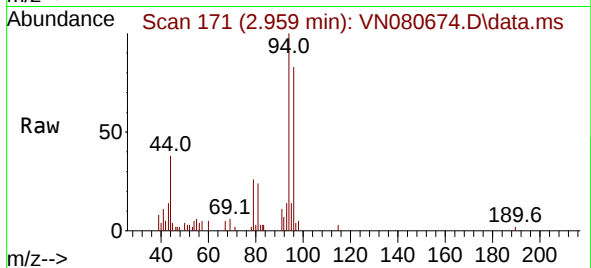
Tgt Ion: 62 Resp: 45918
Ion Ratio Lower Upper
62 100
64 30.0 24.1 36.1





#5
Bromomethane
Concen: 18.497 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

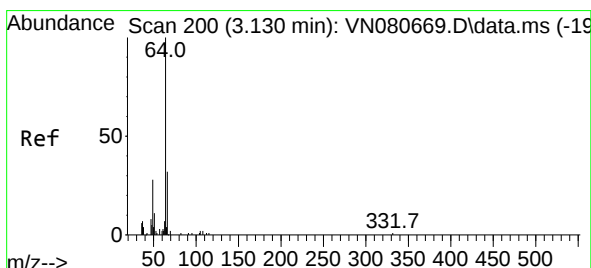
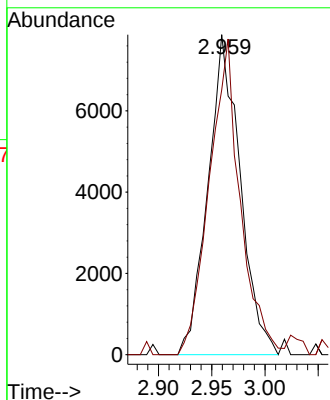
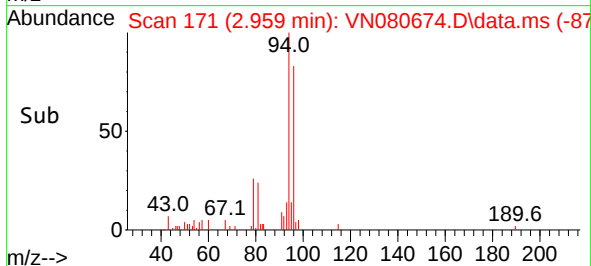
Instrument :
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ClientSampleId :
VN0111WBSD01



Tgt Ion: 94 Resp: 1655
Ion Ratio Lower Upper
94 100
96 82.7 72.8 109.2

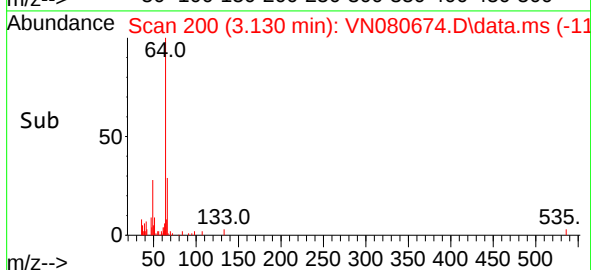
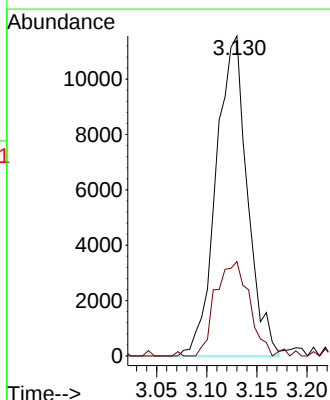
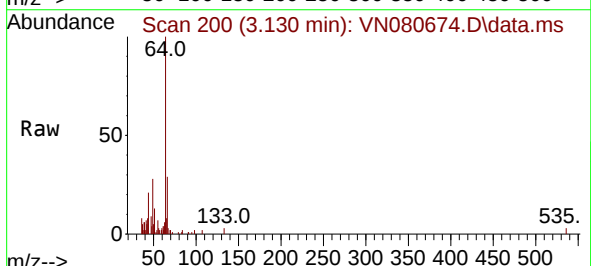
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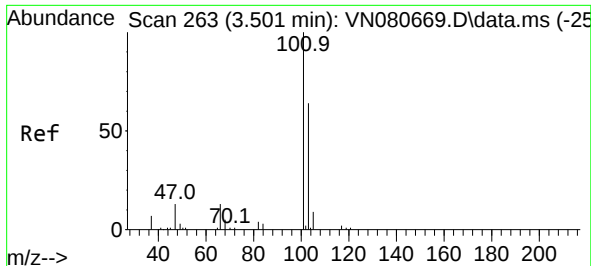
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#6
Chloroethane
Concen: 19.030 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Tgt Ion: 64 Resp: 25071
Ion Ratio Lower Upper
64 100
66 28.2 26.7 40.1





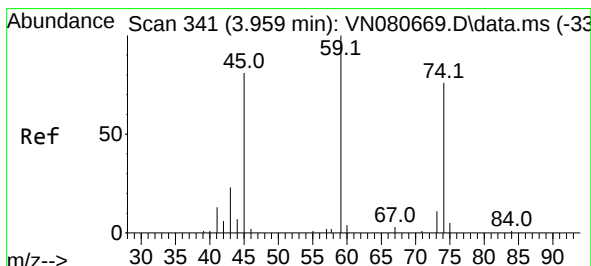
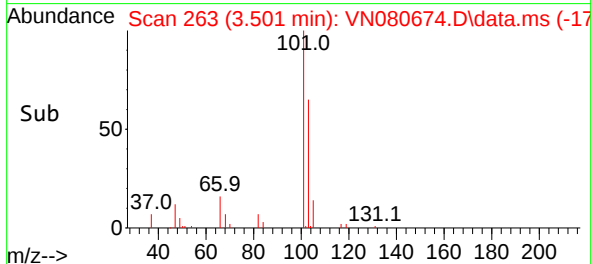
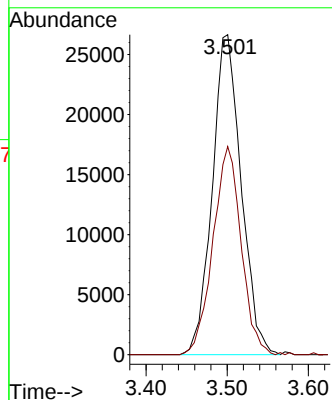
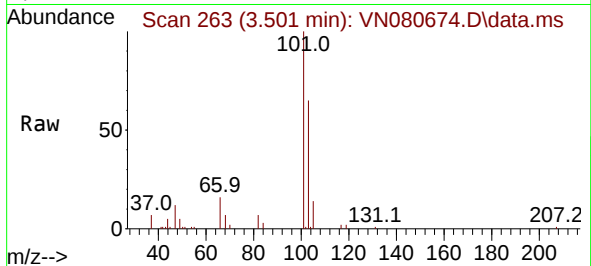
#7
 Trichlorofluoromethane
 Concen: 18.141 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN080674.D
 Acq: 11 Jan 2024 14:05

Instrument :
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Tgt Ion:101 Resp: 6604
 Ion Ratio Lower Upper
 101 100
 103 65.1 53.0 79.4

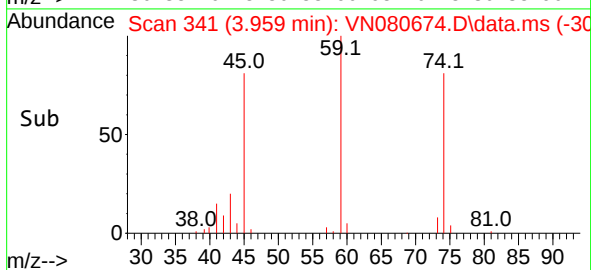
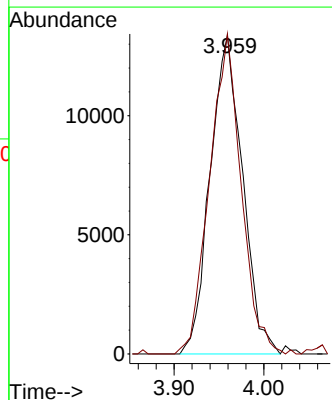
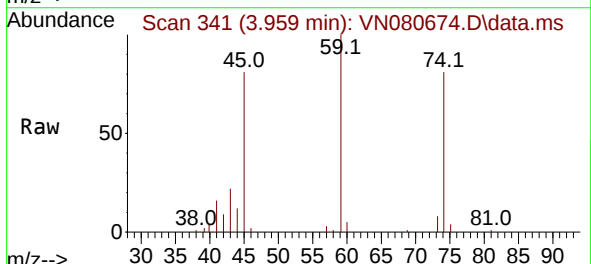
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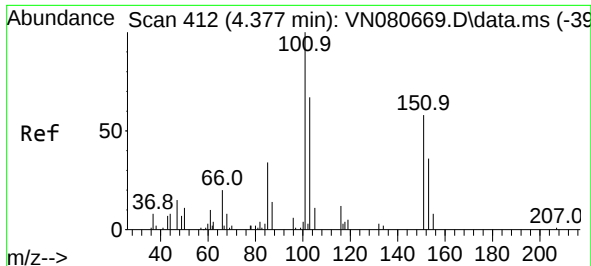
Reviewed By :John Carlone 01/12/2024
 Supervised By :Semsettin Yesilyurt 01/12/2024



#8
 Diethyl Ether
 Concen: 19.780 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN080674.D
 Acq: 11 Jan 2024 14:05

Tgt Ion: 74 Resp: 33511
 Ion Ratio Lower Upper
 74 100
 45 97.8 16.4 147.4





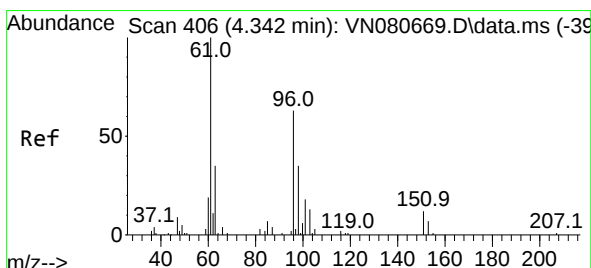
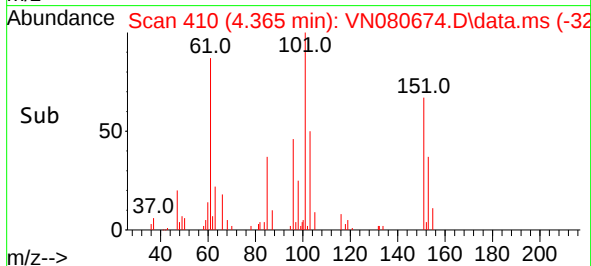
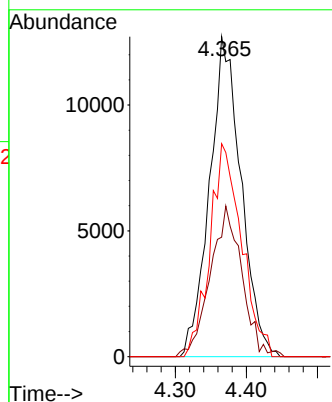
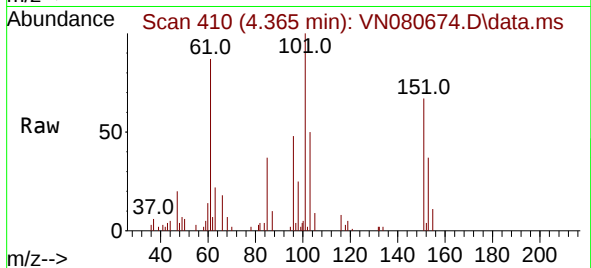
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.687 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.012 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01

Tgt Ion:101 Resp: 3920
Ion Ratio Lower Upper
101 100
85 46.0 0.0 90.6
151 65.8 0.0 157.6

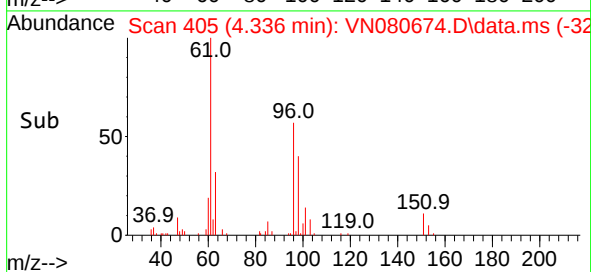
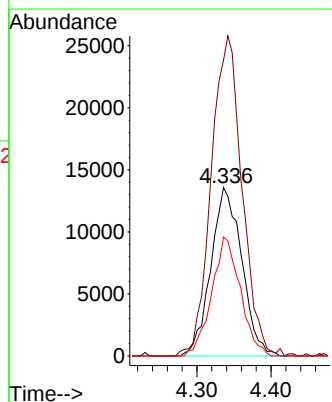
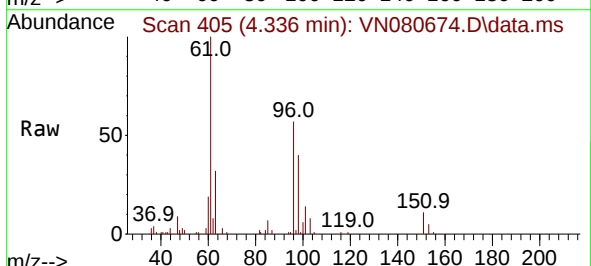
Manual Integrations
APPROVED

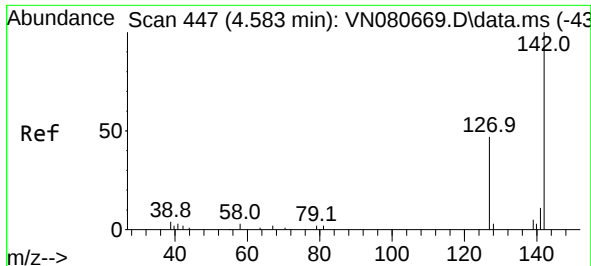
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#10
1,1-Dichloroethene
Concen: 17.442 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

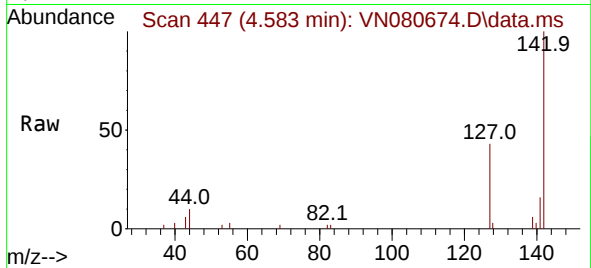
Tgt Ion: 96 Resp: 39305
Ion Ratio Lower Upper
96 100
61 173.4 117.6 176.4
98 70.7 48.4 72.6





#11
Methyl Iodide
Concen: 17.270 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

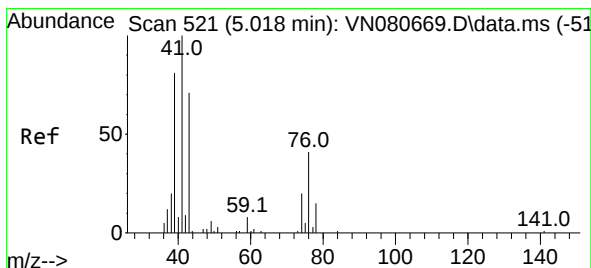
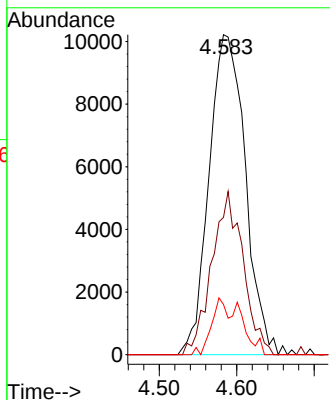
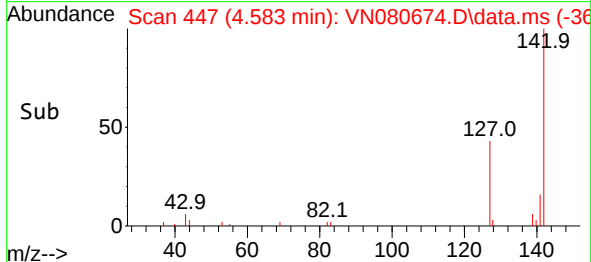
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



Tgt Ion:142 Resp: 3319
Ion Ratio Lower Upper
142 100
127 42.9 26.3 78.9
141 15.7 8.3 24.9

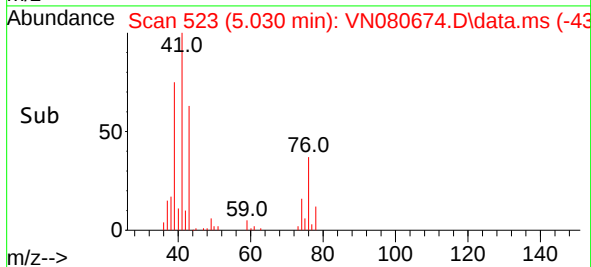
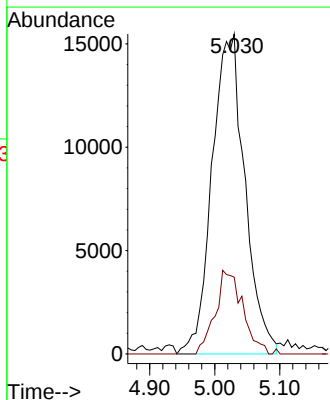
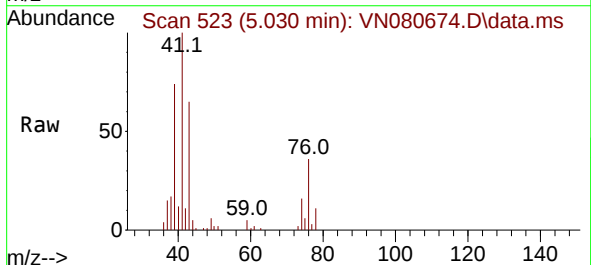
Manual Integrations
APPROVED

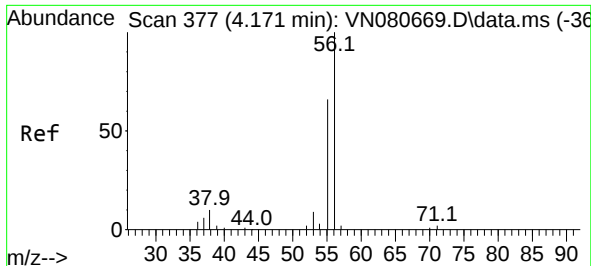
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#12
Methyl Acetate
Concen: 20.340 ug/l m
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

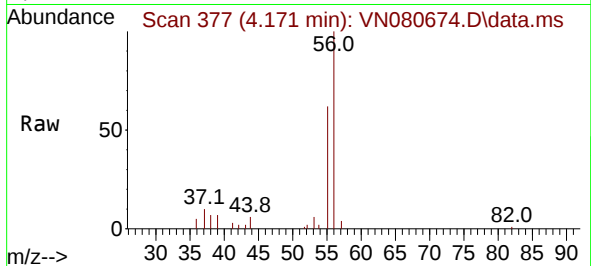
Tgt Ion: 43 Resp: 54229
Ion Ratio Lower Upper
43 100
74 24.0 27.7 41.5#





#13
Acrolein
Concen: 98.358 ug/l
RT: 4.171 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

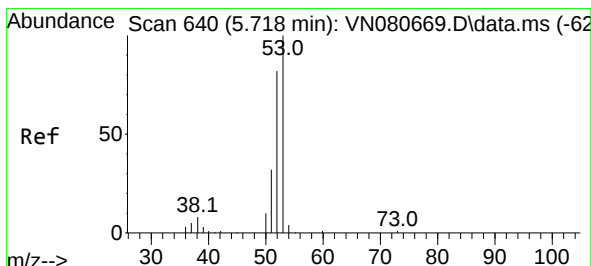
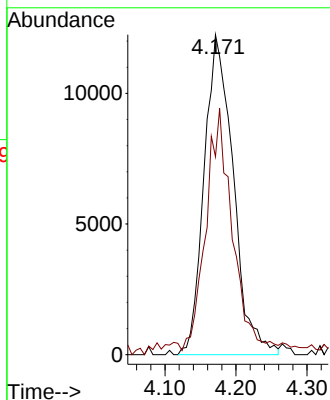
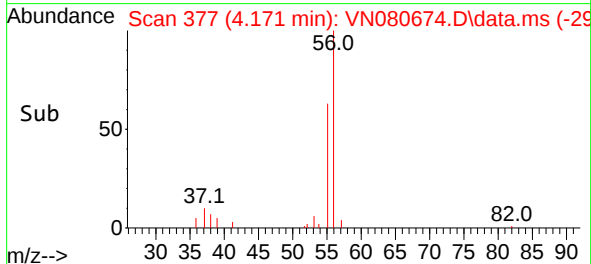
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



Tgt Ion: 56 Resp: 3485
Ion Ratio Lower Upper
56 100
55 70.5 55.5 83.3

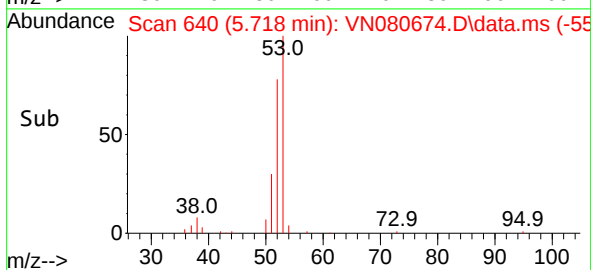
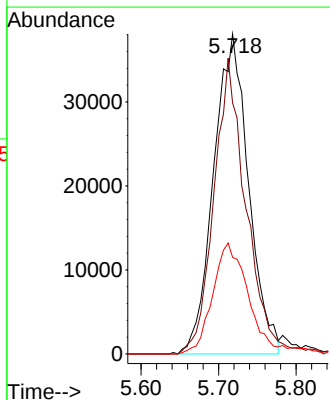
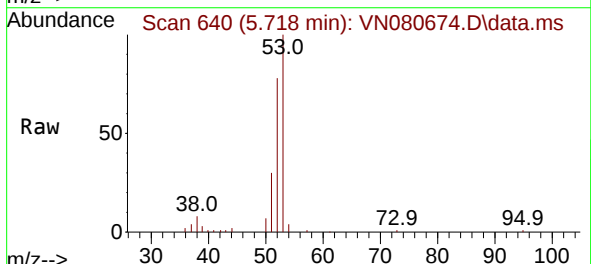
Manual Integrations
APPROVED

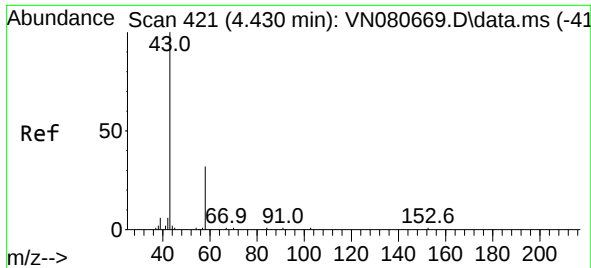
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#14
Acrylonitrile
Concen: 99.245 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Tgt Ion: 53 Resp: 119234
Ion Ratio Lower Upper
53 100
52 84.2 41.3 123.9
51 34.7 16.8 50.3





#15

Acetone

Concen: 103.176 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN080674.D

Acq: 11 Jan 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBSD01

Tgt Ion: 58 Resp: 28119

Ion Ratio Lower Upper

58 100

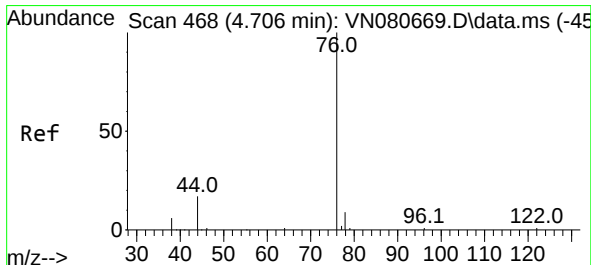
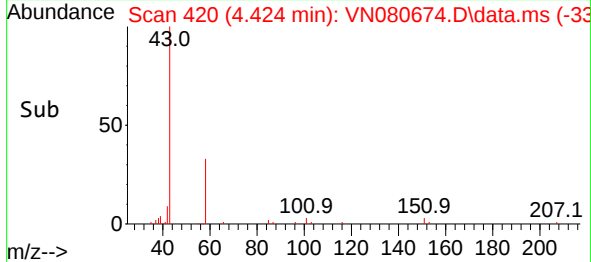
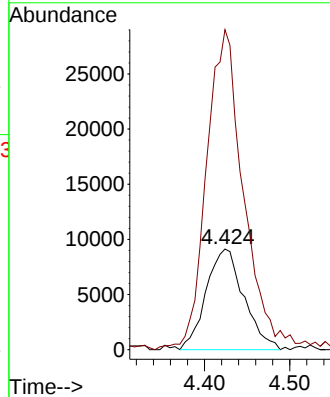
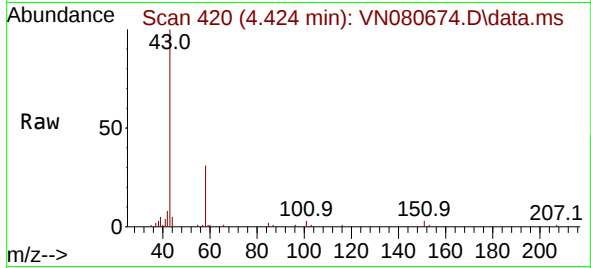
43 312.6 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#16

Carbon Disulfide

Concen: 18.351 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN080674.D

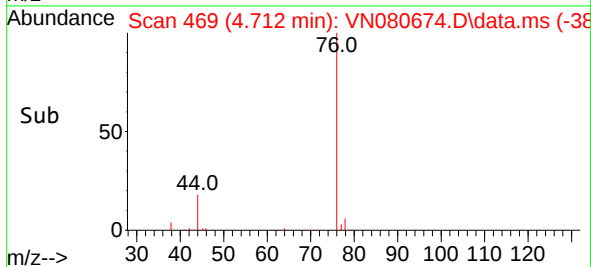
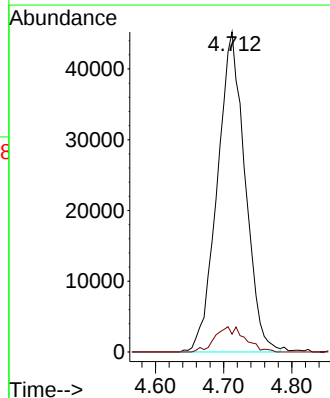
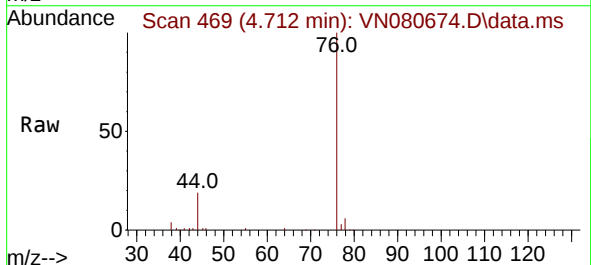
Acq: 11 Jan 2024 14:05

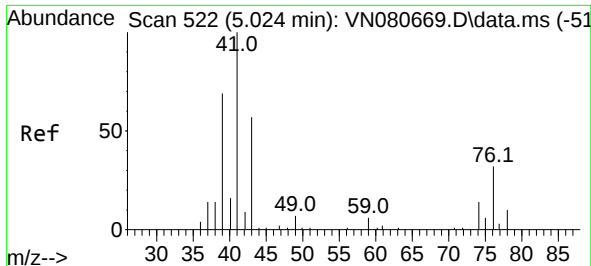
Tgt Ion: 76 Resp: 128112

Ion Ratio Lower Upper

76 100

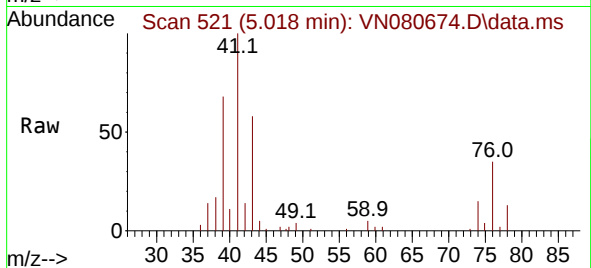
78 5.6 6.3 9.5#





#17
 Allyl chloride
 Concen: 17.726 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN080674.D
 Acq: 11 Jan 2024 14:05

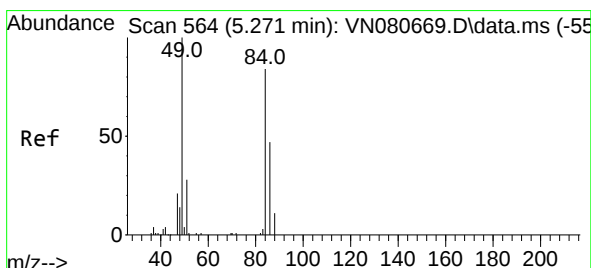
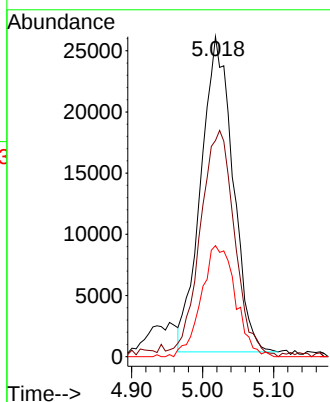
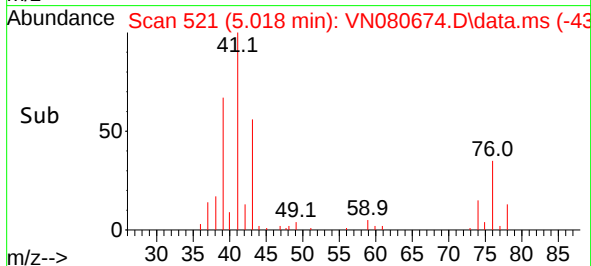
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111WBSD01



Tgt Ion: 41 Resp: 8086
 Ion Ratio Lower Upper
 41 100
 39 68.6 37.6 112.9
 76 35.2 27.8 83.4

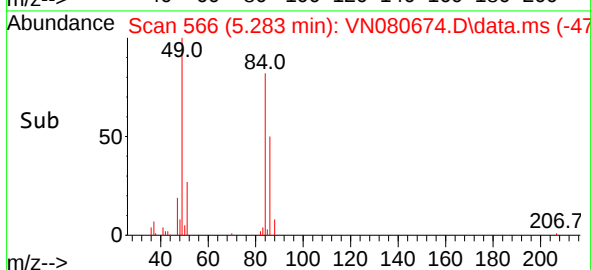
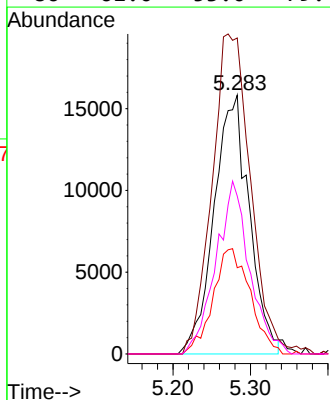
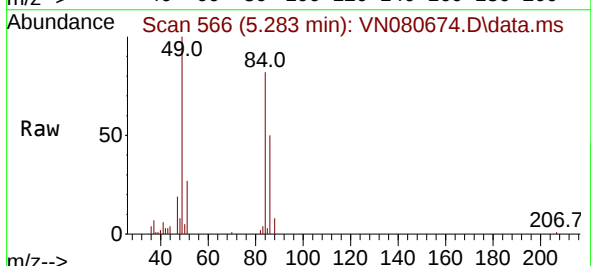
Manual Integrations
 APPROVED

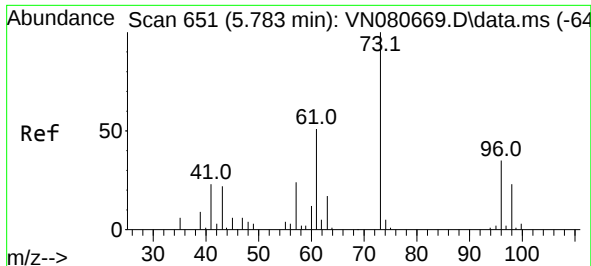
Reviewed By :John Carlone 01/12/2024
 Supervised By :Semsettin Yesilyurt 01/12/2024



#18
 Methylene Chloride
 Concen: 19.098 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.012 min
 Lab File: VN080674.D
 Acq: 11 Jan 2024 14:05

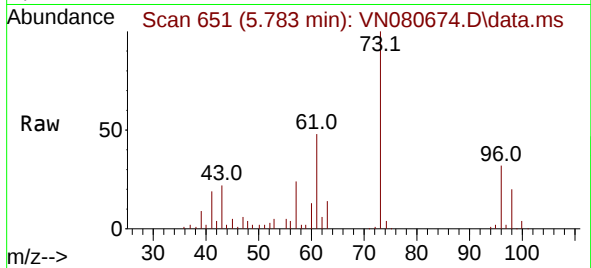
Tgt Ion: 84 Resp: 50010
 Ion Ratio Lower Upper
 84 100
 49 122.1 86.0 129.0
 51 33.3 30.0 45.0
 86 61.0 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 19.814 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

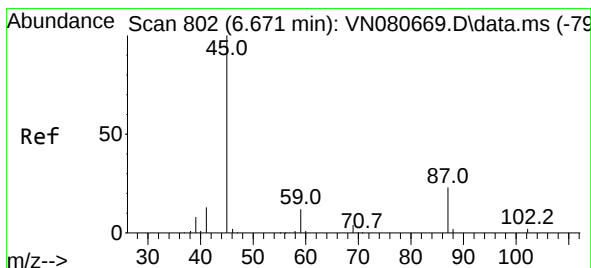
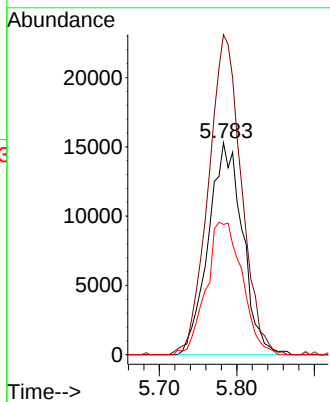
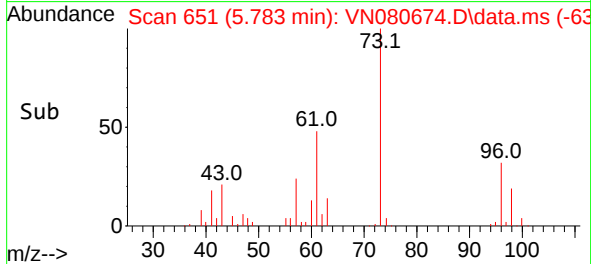
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



Tgt Ion: 96 Resp: 4694
Ion Ratio Lower Upper
96 100
61 149.8 111.8 167.6
98 61.4 49.2 73.8

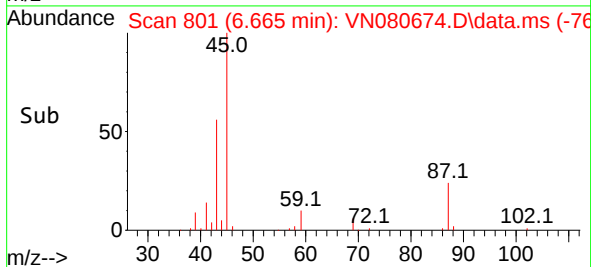
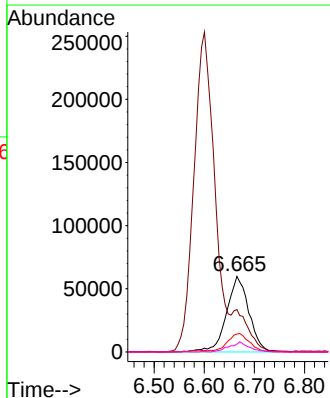
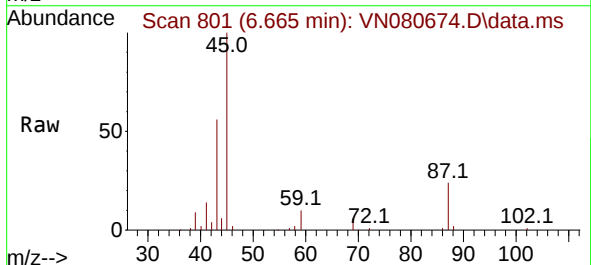
Manual Integrations
APPROVED

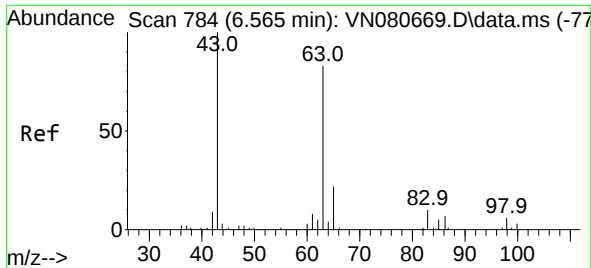
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#20
Diisopropyl ether
Concen: 20.007 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Tgt Ion: 45 Resp: 185204
Ion Ratio Lower Upper
45 100
43 54.7 40.4 60.6
87 23.4 23.8 35.8#
59 10.3 9.8 14.6





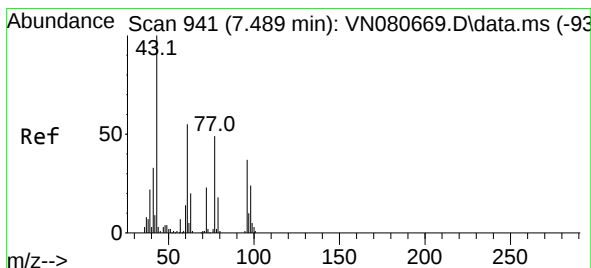
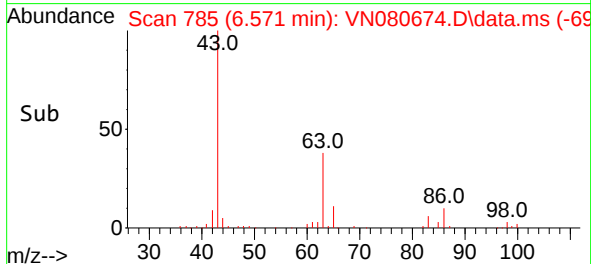
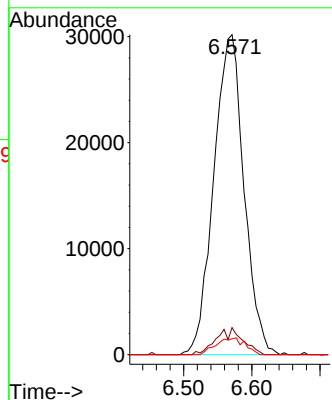
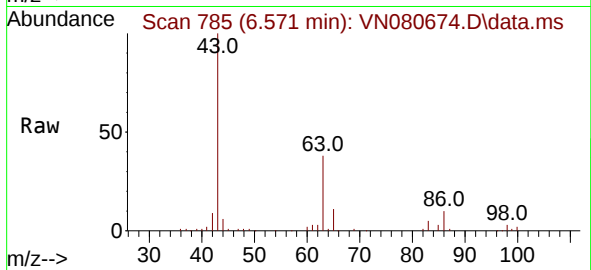
#21
1,1-Dichloroethane
Concen: 18.500 ug/l
RT: 6.571 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01

Tgt Ion: 63 Resp: 9300
Ion Ratio Lower Upper
63 100
98 8.4 4.1 12.3
100 4.9 3.0 9.0

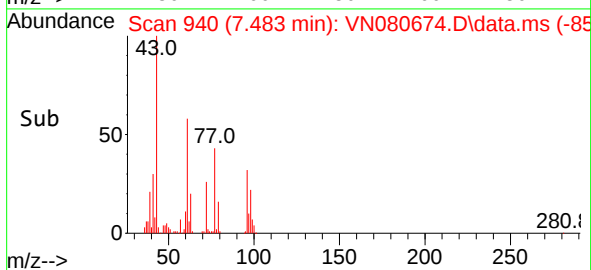
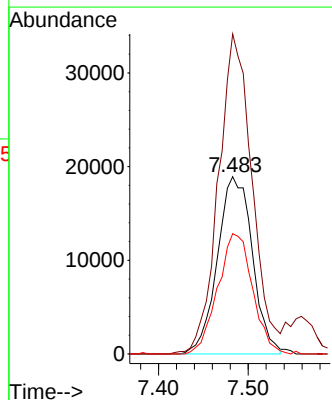
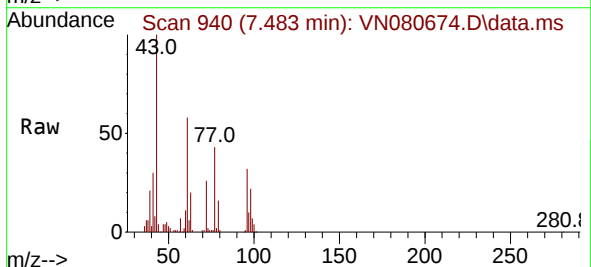
Manual Integrations
APPROVED

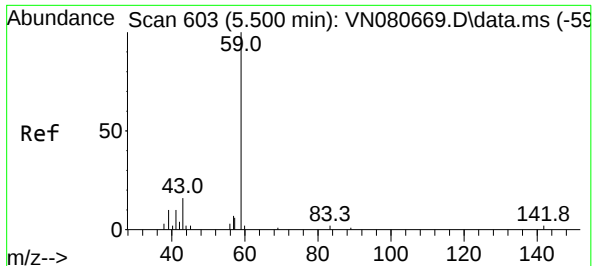
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#22
cis-1,2-Dichloroethene
Concen: 18.454 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Tgt Ion: 96 Resp: 51148
Ion Ratio Lower Upper
96 100
61 173.4 113.5 170.3#
98 67.5 52.0 78.0





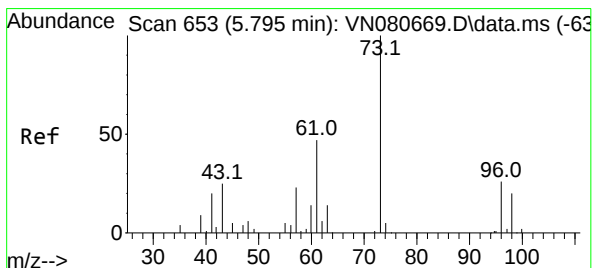
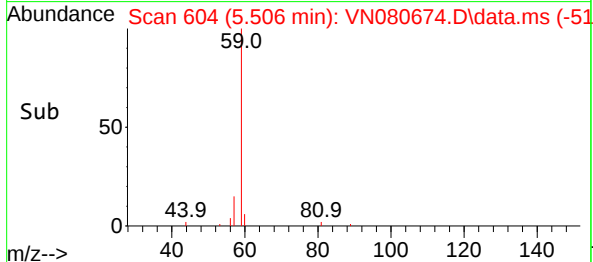
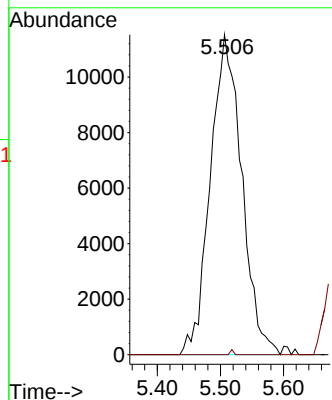
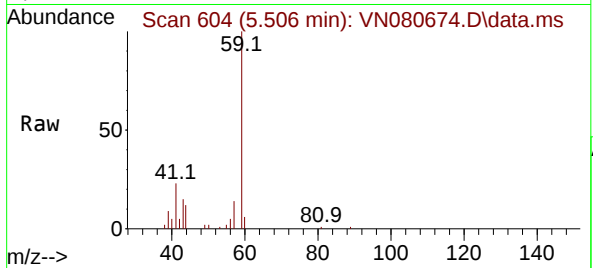
#23
tert-Butyl Alcohol
Concen: 95.892 ug/l
RT: 5.506 min Scan# 603
Delta R.T. 0.006 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01

Tgt Ion: 59 Resp: 3973
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

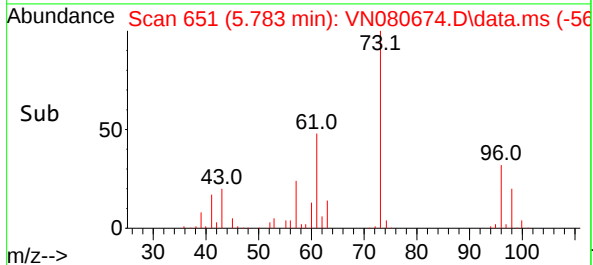
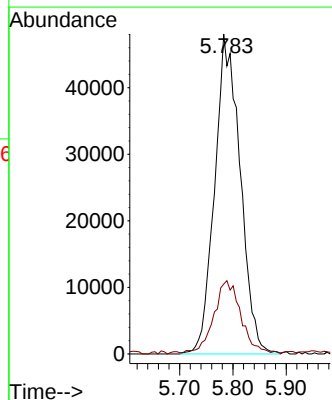
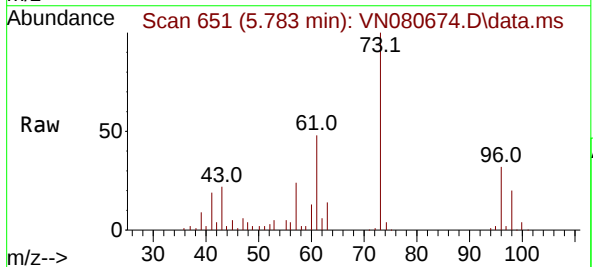
Manual Integrations
APPROVED

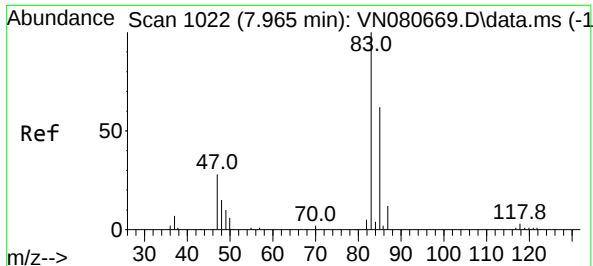
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#24
Methyl tert-Butyl Ether
Concen: 19.605 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.012 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Tgt Ion: 73 Resp: 159743
Ion Ratio Lower Upper
73 100
43 23.0 13.4 20.2#





#25

Chloroform

Concen: 18.214 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN080674.D

Acq: 11 Jan 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBSD01

Tgt Ion: 83 Resp: 85250

Ion Ratio Lower Upper

83 100

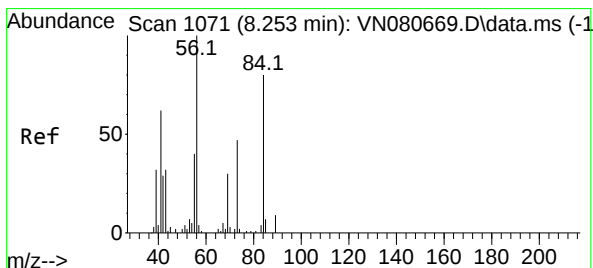
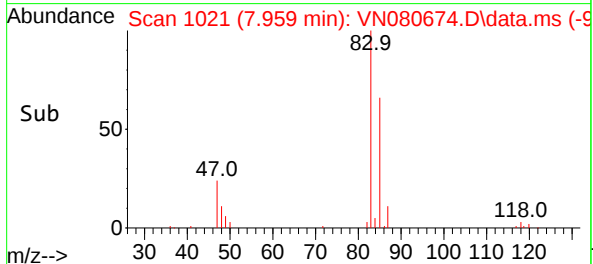
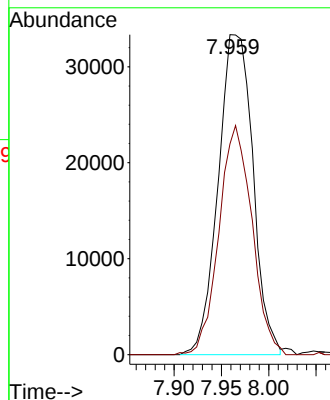
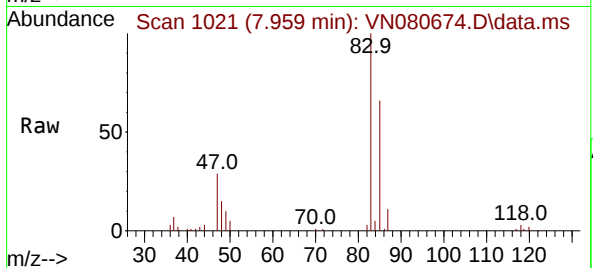
85 65.2 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#26

Cyclohexane

Concen: 18.934 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.006 min

Lab File: VN080674.D

Acq: 11 Jan 2024 14:05

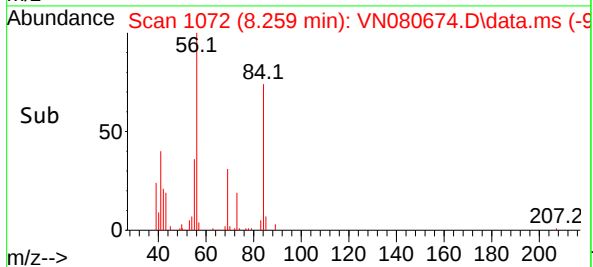
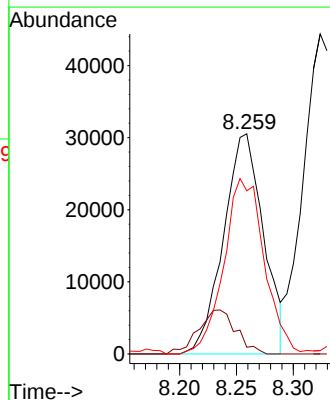
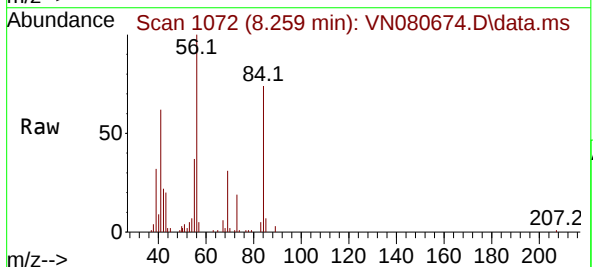
Tgt Ion: 56 Resp: 74849

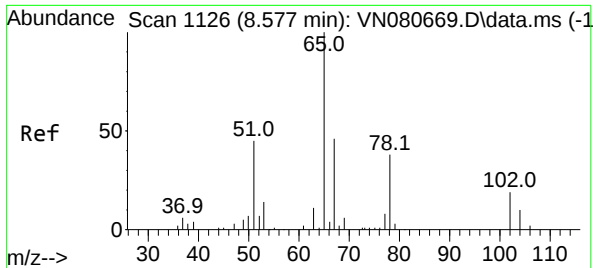
Ion Ratio Lower Upper

56 100

89 18.2 19.3 28.9#

84 80.4 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 28.069 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080674.D

Acq: 11 Jan 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBSD01

Tgt Ion: 65 Resp: 6272

Ion Ratio Lower Upper

65 100

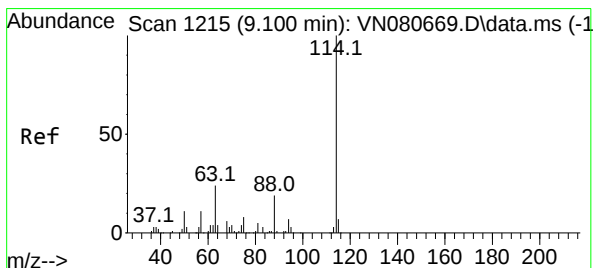
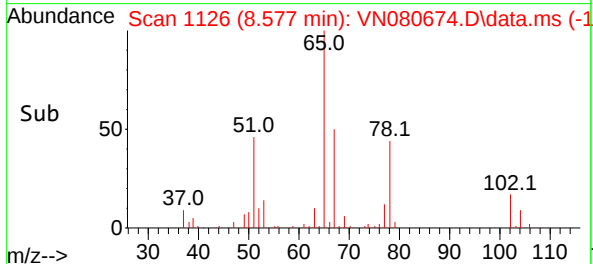
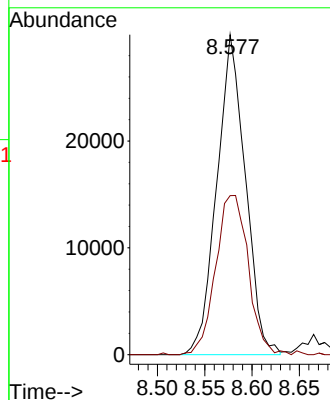
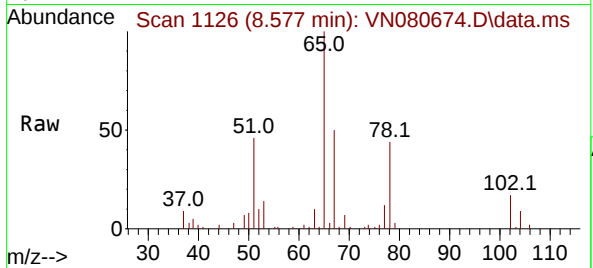
67 56.5 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080674.D

Acq: 11 Jan 2024 14:05

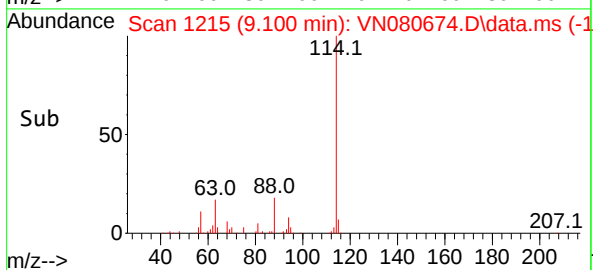
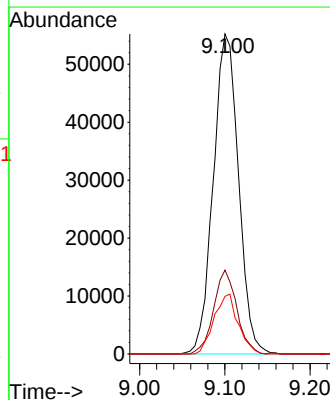
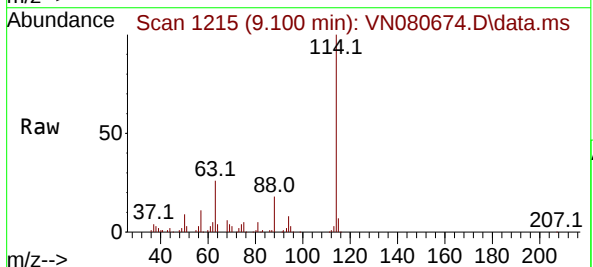
Tgt Ion:114 Resp: 113858

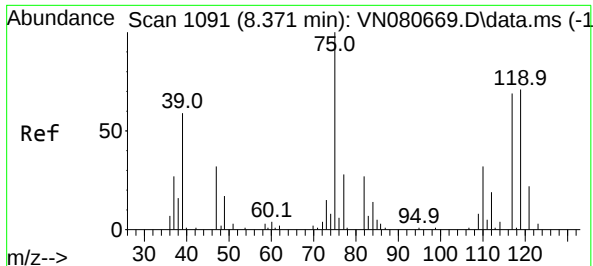
Ion Ratio Lower Upper

114 100

63 24.0 15.9 23.9

88 17.8 12.7 19.1





#29
1,1-Dichloropropene
Concen: 19.020 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBSD01

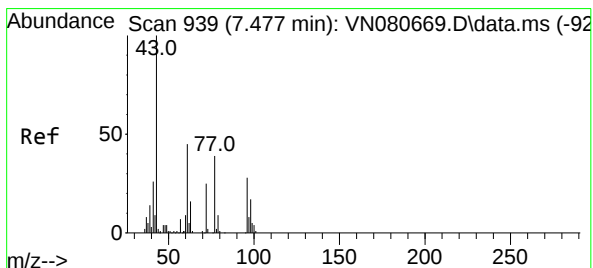
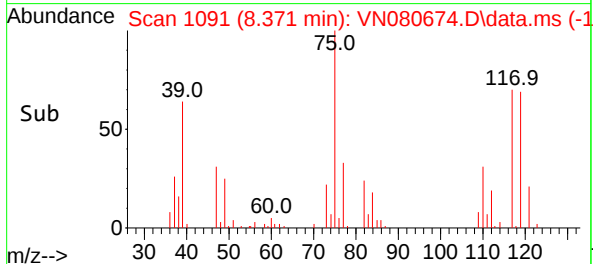
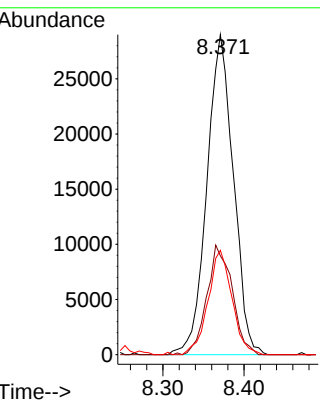
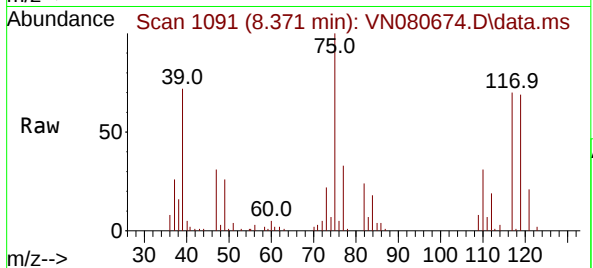
Tgt Ion: 75 Resp: 65830
Ion Ratio Lower Upper
75 100
110 32.6 0.0 70.2
77 29.5 0.0 61.4

Manual Integrations

APPROVED

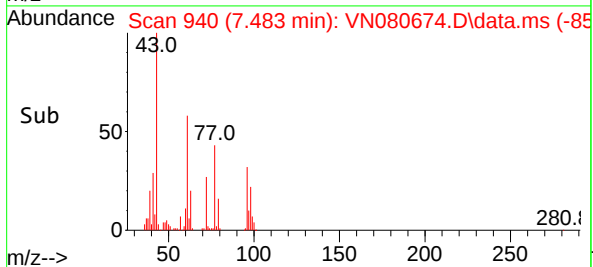
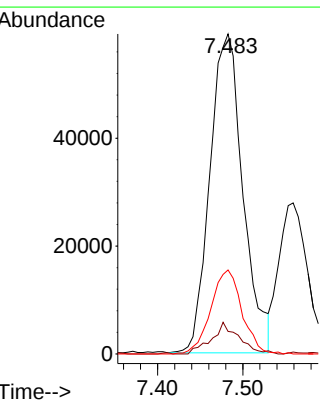
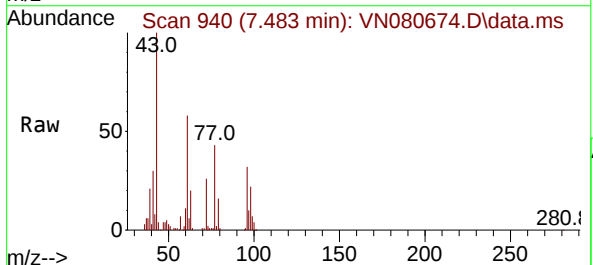
Reviewed By :John Carlone 01/12/2024

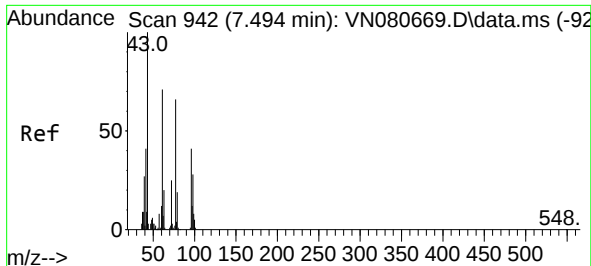
Supervised By :Semsettin Yesilyurt 01/12/2024



#30
2-Butanone
Concen: 104.131 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Tgt Ion: 43 Resp: 159480
Ion Ratio Lower Upper
43 100
57 8.0 6.7 10.1
72 24.7 24.0 36.0





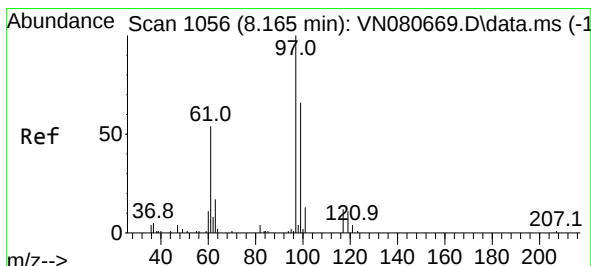
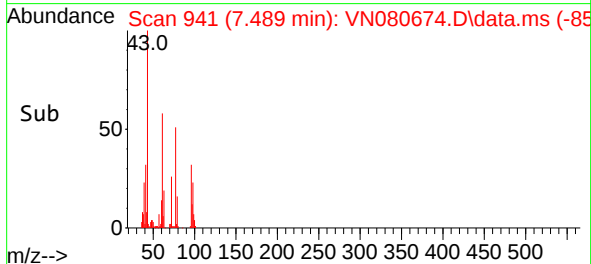
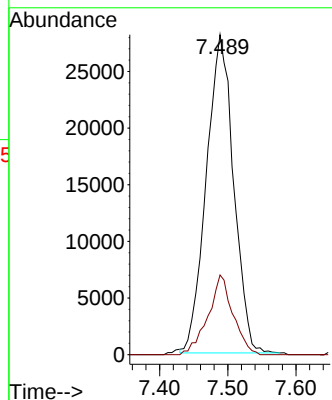
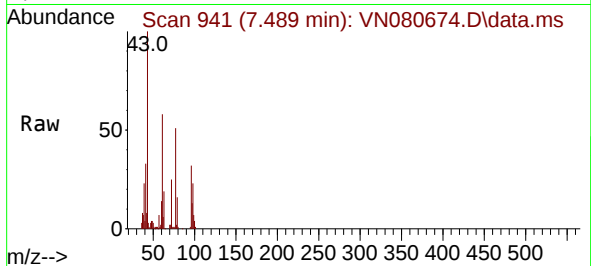
#31
2,2-Dichloropropane
Concen: 18.813 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01

Tgt Ion: 77 Resp: 78220
Ion Ratio Lower Upper
77 100
97 22.8 18.3 27.5

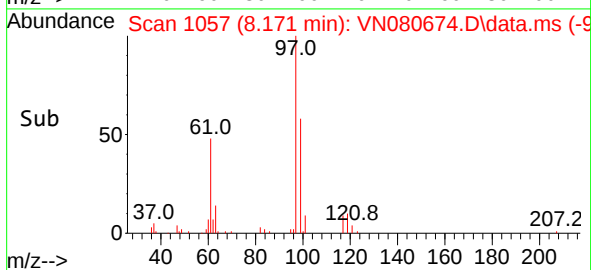
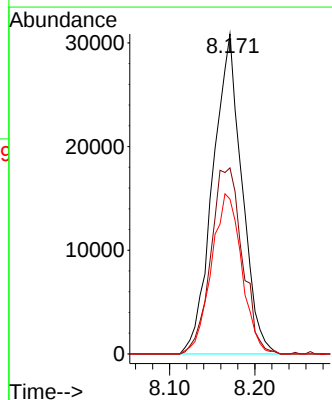
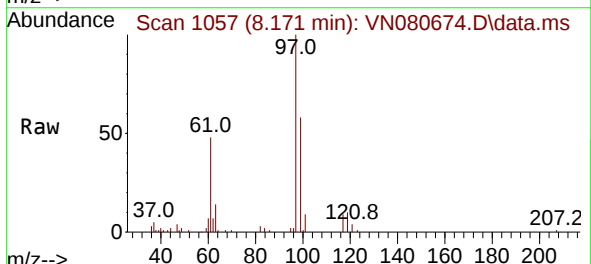
Manual Integrations
APPROVED

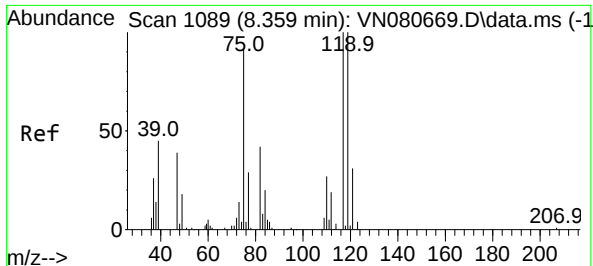
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#32
1,1,1-Trichloroethane
Concen: 19.189 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

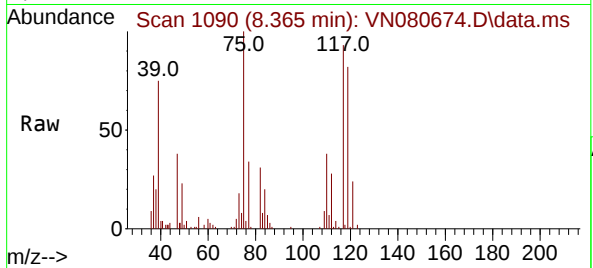
Tgt Ion: 97 Resp: 73078
Ion Ratio Lower Upper
97 100
99 63.1 51.0 76.4
61 52.2 33.8 50.8#





#33
Carbon Tetrachloride
Concen: 19.226 ug/l
RT: 8.365 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

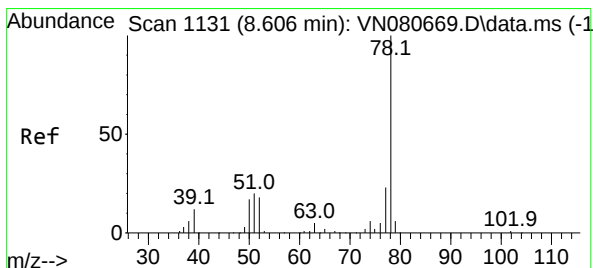
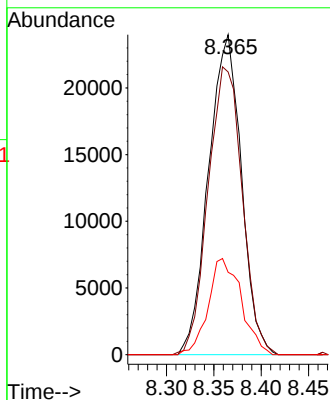
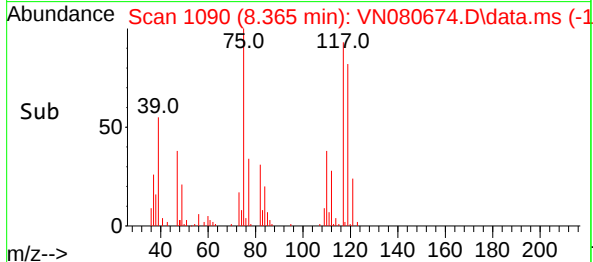
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



Tgt Ion: 117 Resp: 5782
Ion Ratio Lower Upper
117 100
119 88.3 77.7 116.5
121 25.7 27.0 40.6

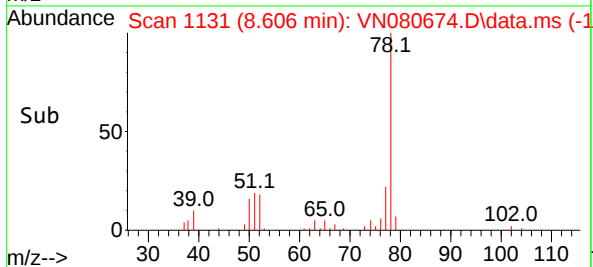
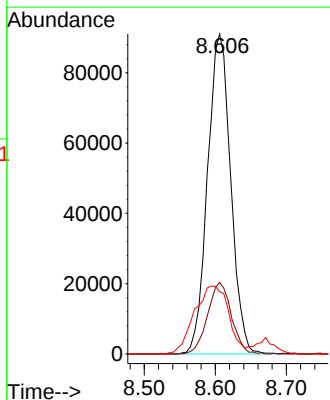
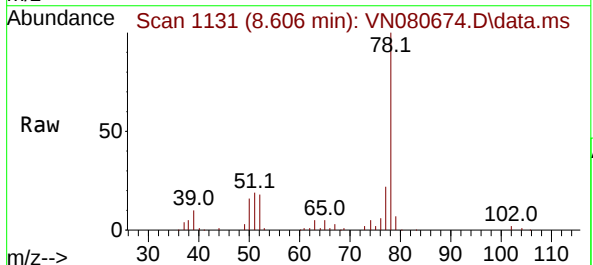
Manual Integrations
APPROVED

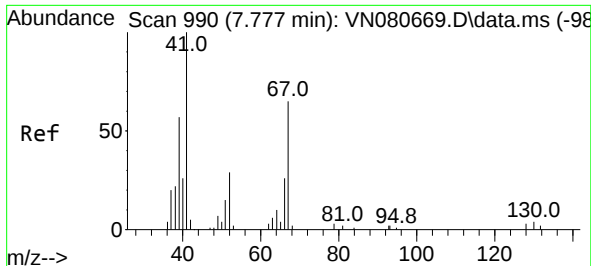
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#34
Benzene
Concen: 20.047 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

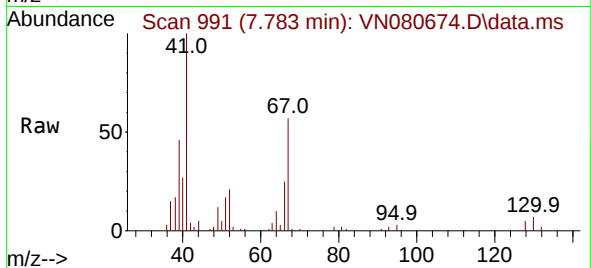
Tgt Ion: 78 Resp: 205802
Ion Ratio Lower Upper
78 100
77 22.4 19.2 28.8
51 17.7 13.3 19.9





#35
Methacrylonitrile
Concen: 20.623 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

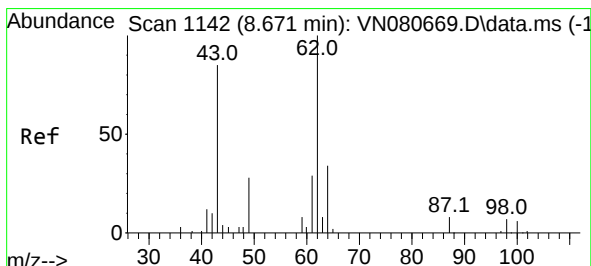
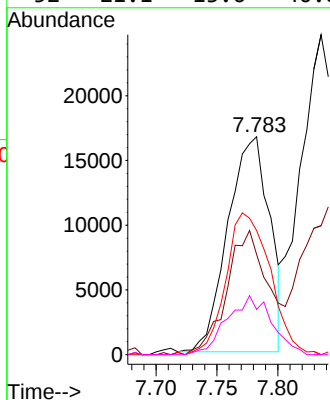
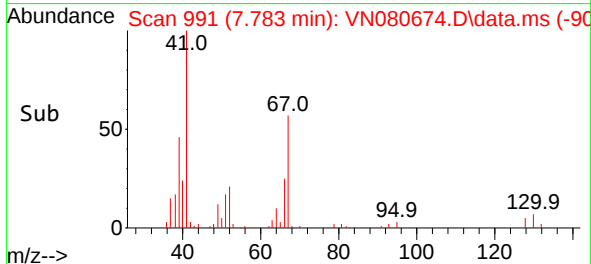
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



Tgt Ion: 41 Resp: 3963
Ion Ratio Lower Upper
41 100
39 45.6 25.3 75.9
67 56.6 38.7 116.1
52 21.1 13.6 40.8

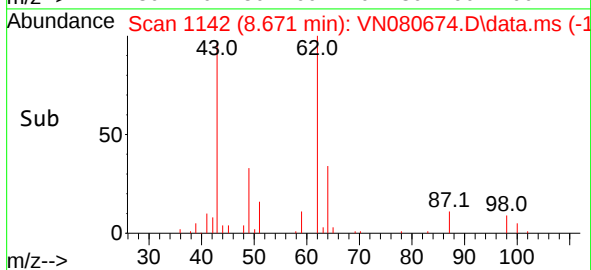
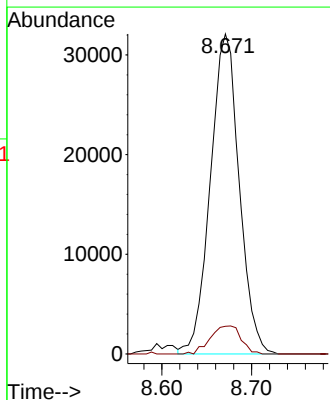
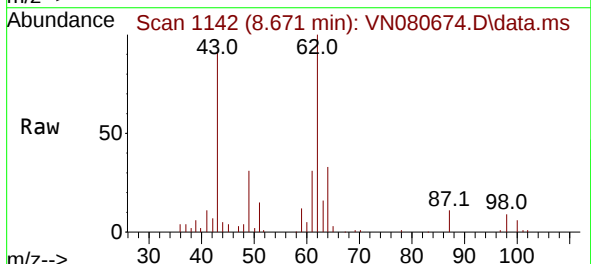
Manual Integrations
APPROVED

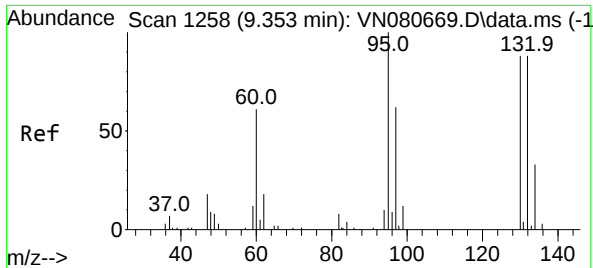
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#36
1,2-Dichloroethane
Concen: 18.995 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Tgt Ion: 62 Resp: 71701
Ion Ratio Lower Upper
62 100
98 9.2 8.2 12.4





#37

Trichloroethene

Concen: 20.201 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080674.D

Acq: 11 Jan 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBSD01

Tgt Ion:130 Resp: 45229

Ion Ratio Lower Upper

130 100

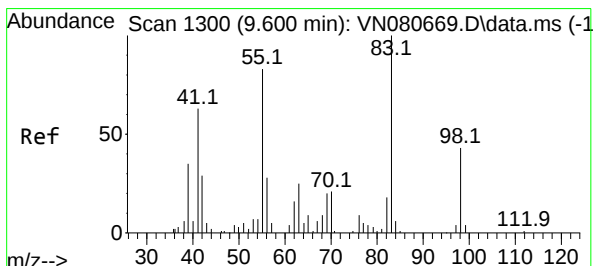
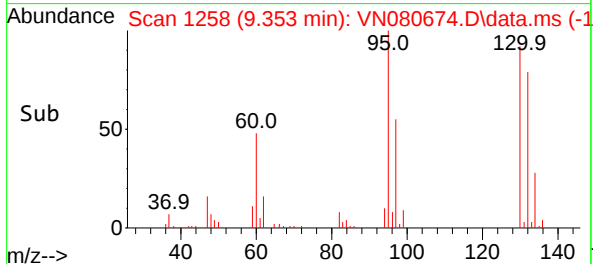
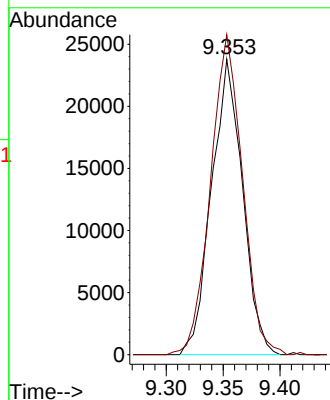
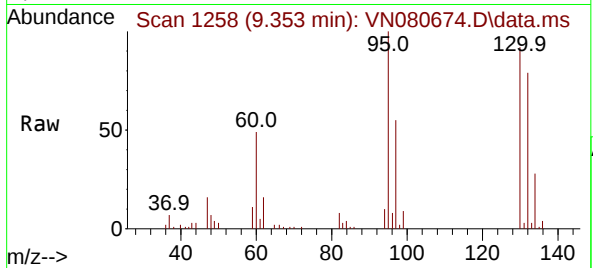
95 106.9 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#38

Methylcyclohexane

Concen: 20.175 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN080674.D

Acq: 11 Jan 2024 14:05

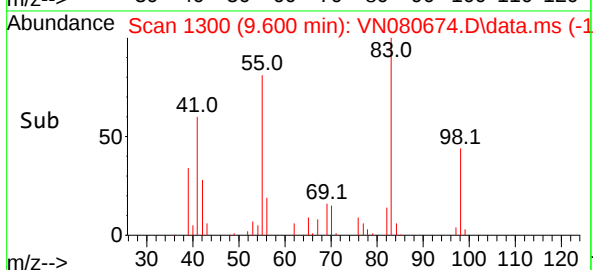
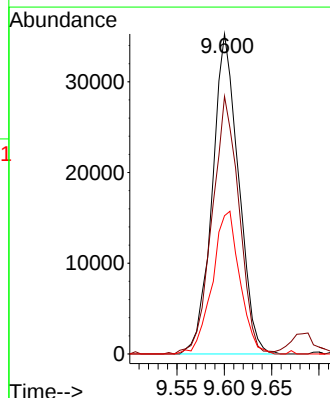
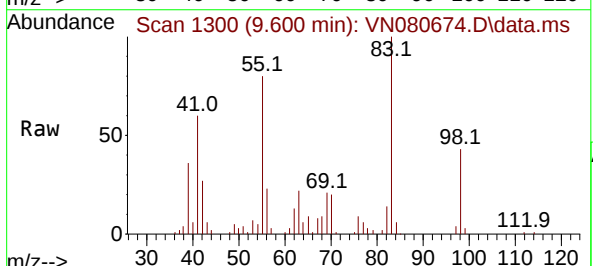
Tgt Ion: 83 Resp: 68025

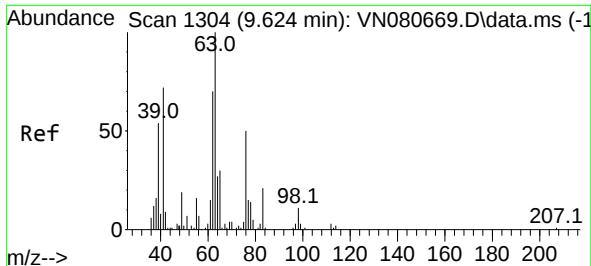
Ion Ratio Lower Upper

83 100

55 82.3 36.6 109.9

98 46.4 23.8 71.5





#39

1,2-Dichloropropane

Concen: 20.869 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080674.D

Acq: 11 Jan 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBSD01

Tgt Ion: 63 Resp: 5774

Ion Ratio Lower Upper

63 100

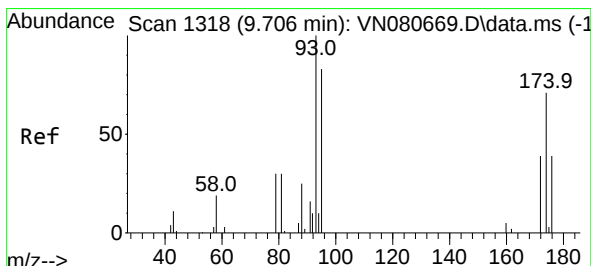
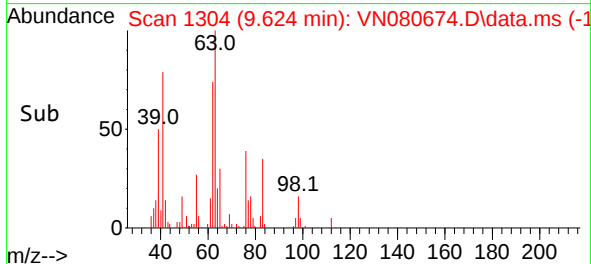
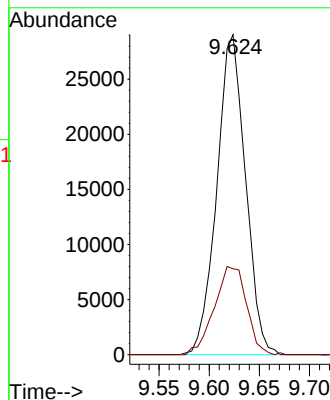
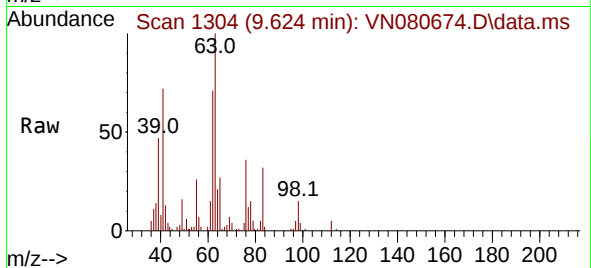
65 26.8 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#40

Dibromomethane

Concen: 19.858 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN080674.D

Acq: 11 Jan 2024 14:05

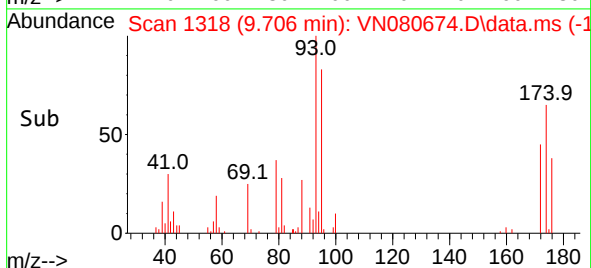
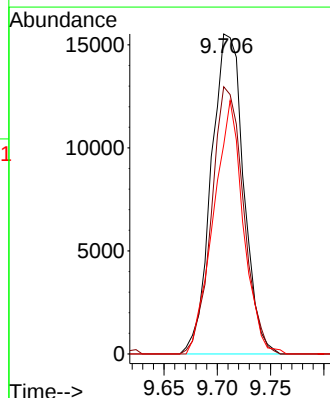
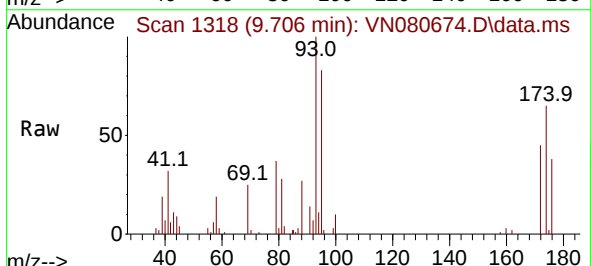
Tgt Ion: 93 Resp: 32693

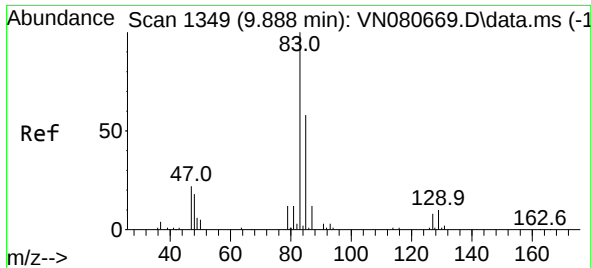
Ion Ratio Lower Upper

93 100

95 82.5 0.0 164.6

174 73.0 0.0 193.2





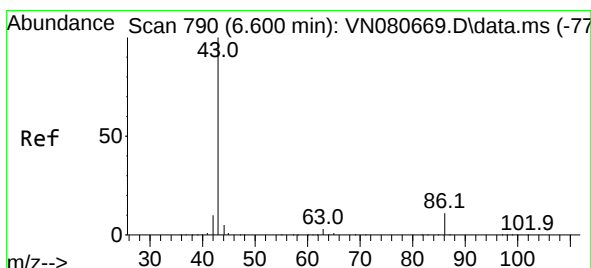
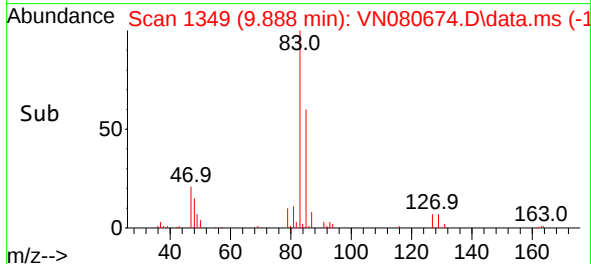
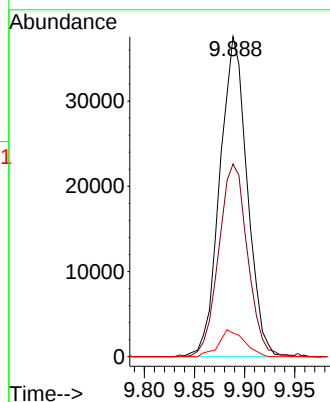
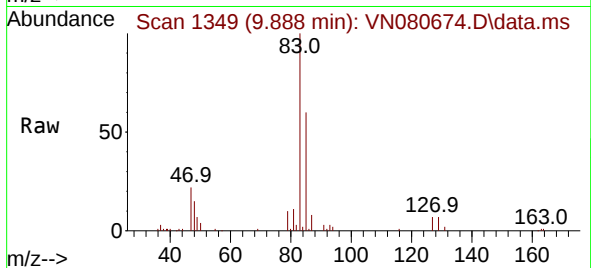
#41
Bromodichloromethane
Concen: 19.798 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01

Tgt Ion: 83 Resp: 7132
Ion Ratio Lower Upper
83 100
85 59.6 49.4 74.2
127 7.4 7.3 10.9

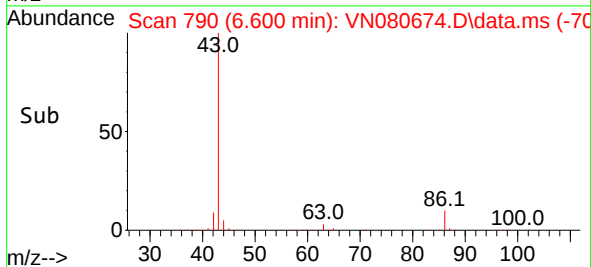
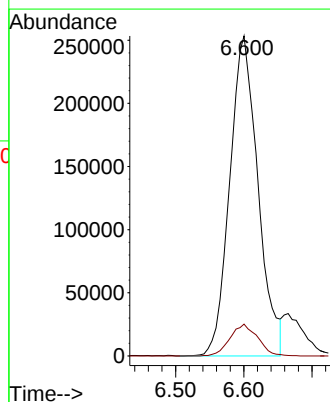
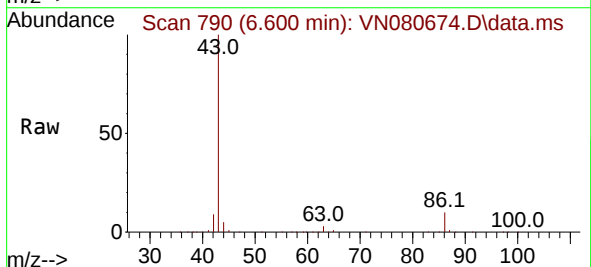
Manual Integrations
APPROVED

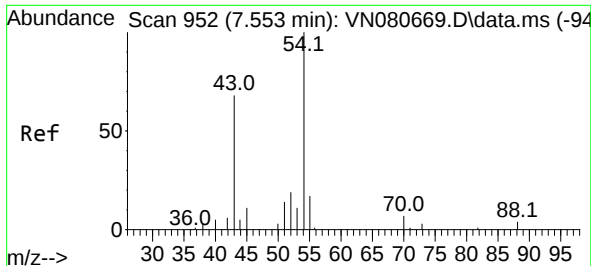
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#42
Vinyl Acetate
Concen: 102.533 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Tgt Ion: 43 Resp: 729850
Ion Ratio Lower Upper
43 100
86 9.7 9.4 14.2





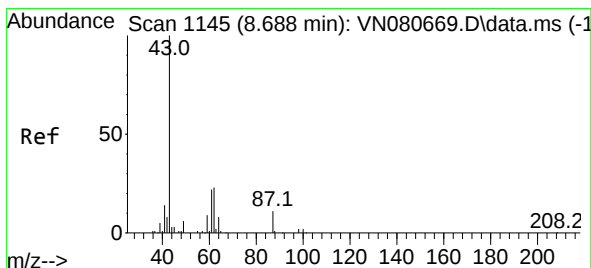
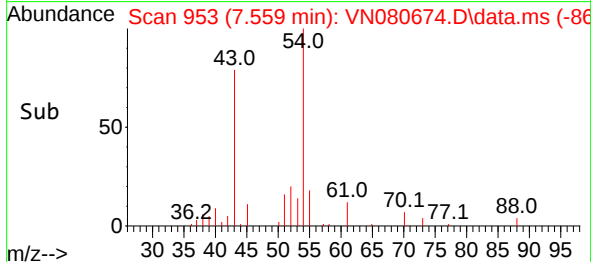
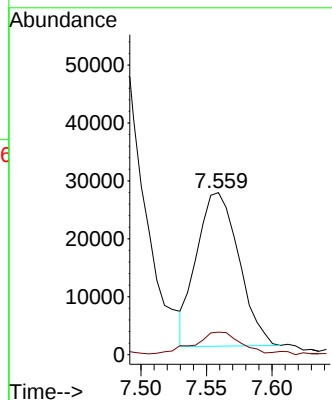
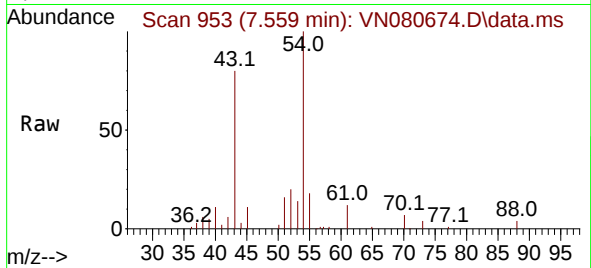
#43
Ethyl Acetate
Concen: 18.418 ug/l
RT: 7.559 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01

Tgt Ion: 43 Resp: 5923
Ion Ratio Lower Upper
43 100
45 13.6 10.6 15.8

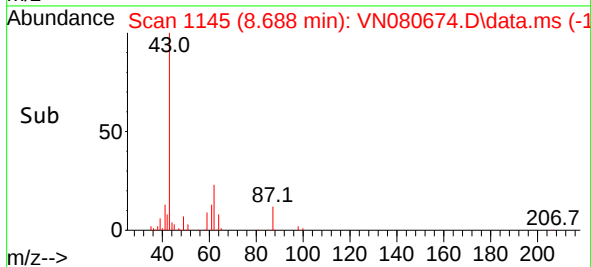
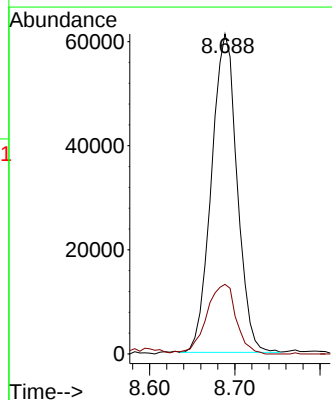
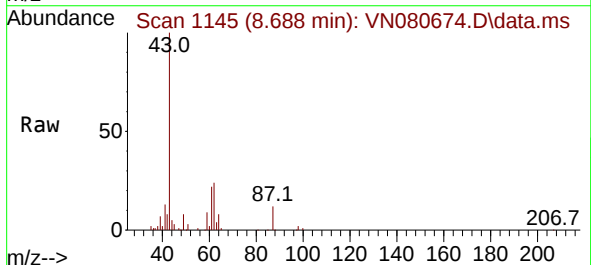
Manual Integrations
APPROVED

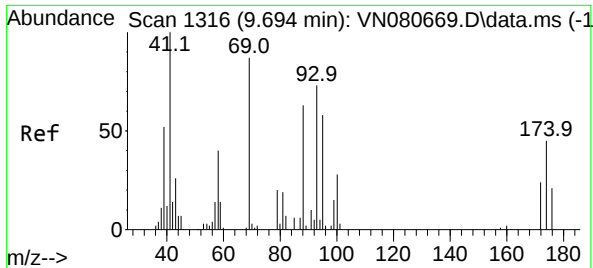
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#44
Isopropyl Acetate
Concen: 20.844 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

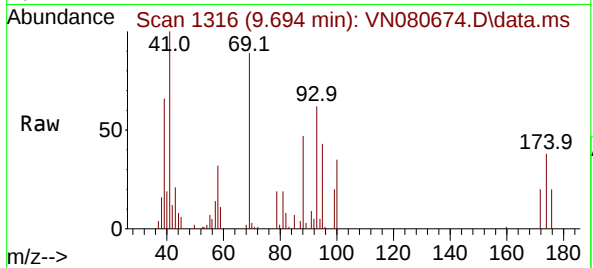
Tgt Ion: 43 Resp: 127962
Ion Ratio Lower Upper
43 100
61 25.2 25.0 37.4





#45
1,4-Dioxane
Concen: 400.060 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

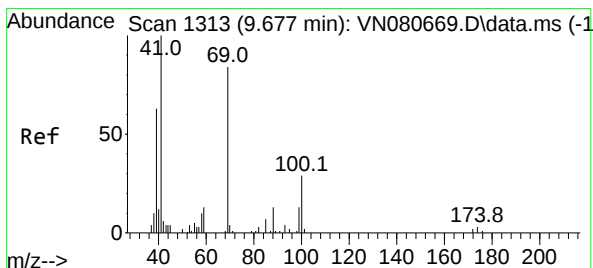
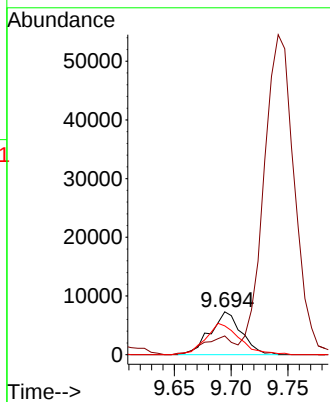
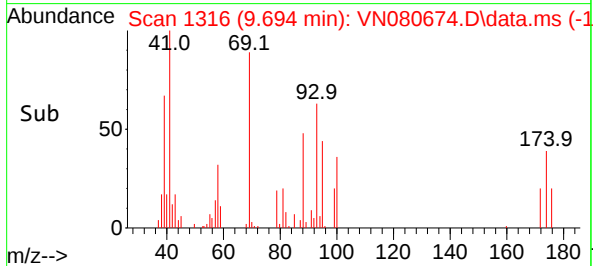
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



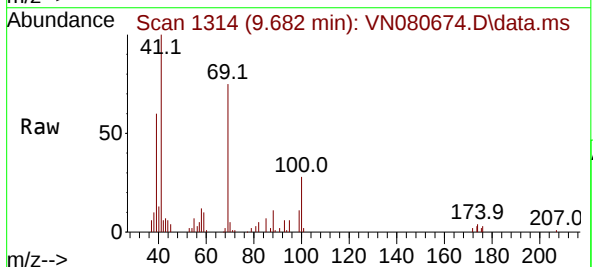
Tgt Ion: 88 Resp: 13968
Ion Ratio Lower Upper
88 100
43 42.2 19.8 29.6
58 79.1 55.4 83.0

Manual Integrations
APPROVED

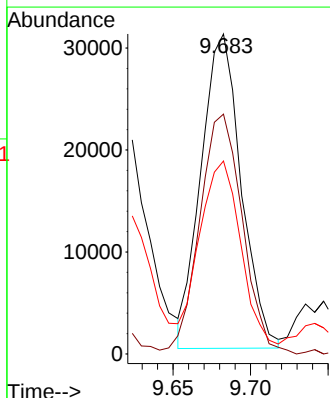
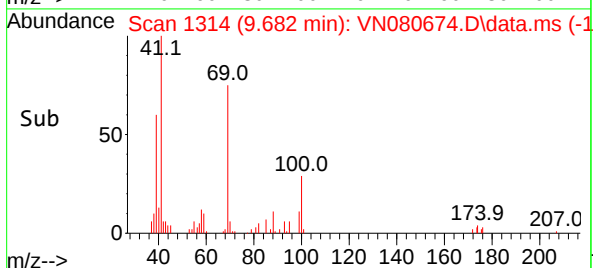
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

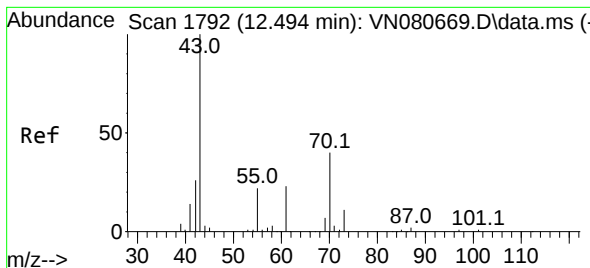


#46
Methyl methacrylate
Concen: 19.218 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.005 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05



Tgt Ion: 41 Resp: 55555
Ion Ratio Lower Upper
41 100
69 76.3 51.1 153.3
39 59.9 25.8 77.3





#47

n-amy1 Acetate

Concen: 20.343 ug/l m

RT: 12.494 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080674.D

Acq: 11 Jan 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBSD01

Tgt Ion: 43 Resp: 11206

Ion Ratio Lower Upper

43 100

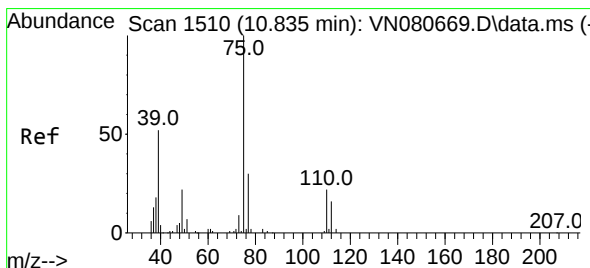
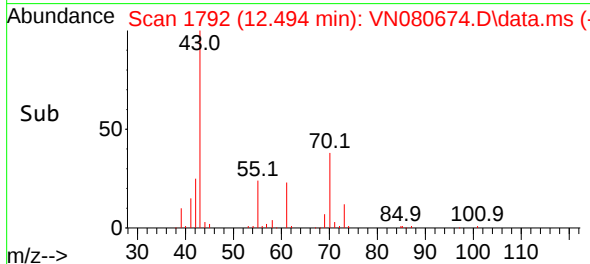
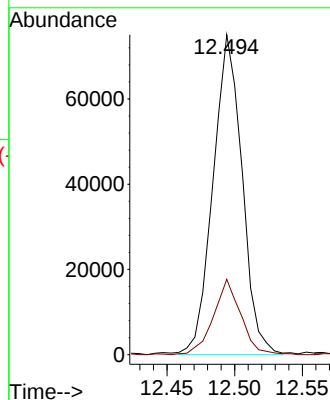
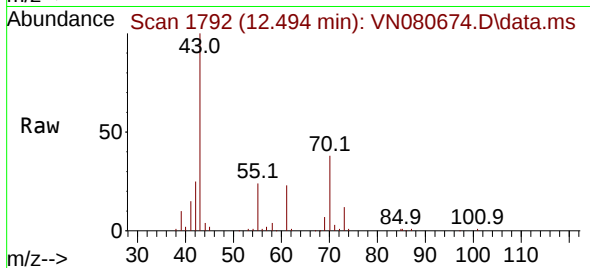
55 0.1 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#48

t-1,3-Dichloropropene

Concen: 19.053 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN080674.D

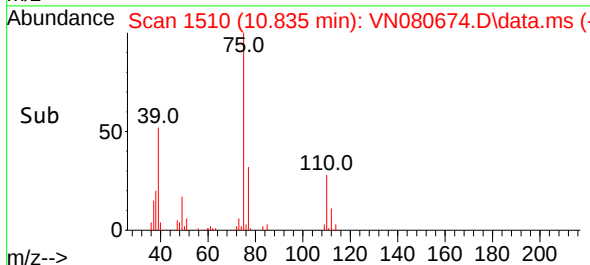
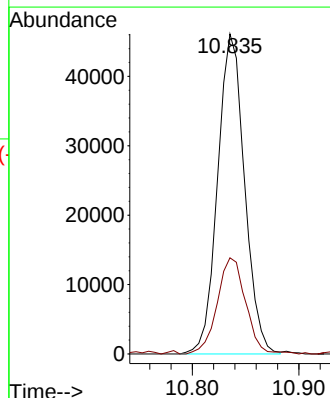
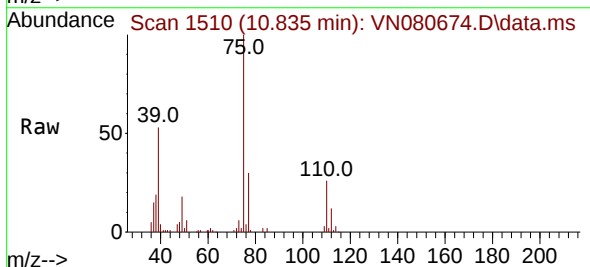
Acq: 11 Jan 2024 14:05

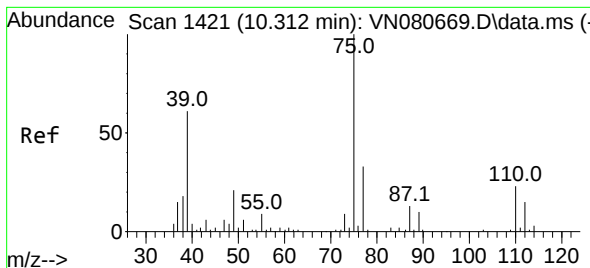
Tgt Ion: 75 Resp: 80880

Ion Ratio Lower Upper

75 100

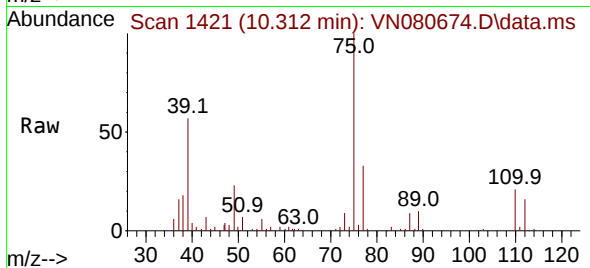
77 30.1 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 19.888 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN080674.D
 Acq: 11 Jan 2024 14:05

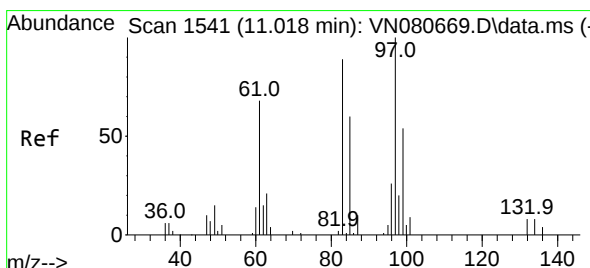
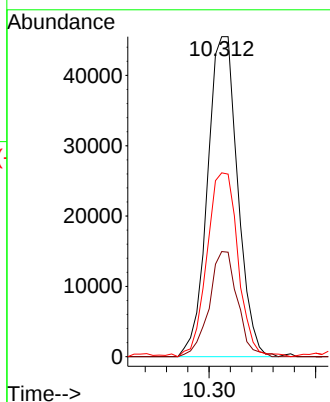
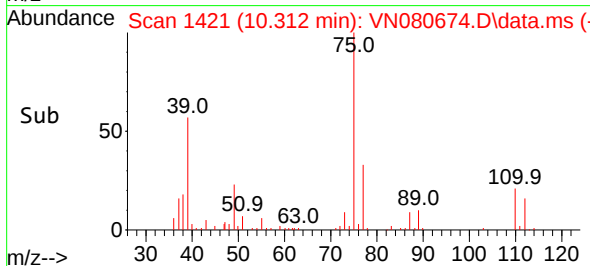
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111WBSD01



Tgt Ion: 75 Resp: 89609
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.9 37.3
 39 57.5 31.0 46.6

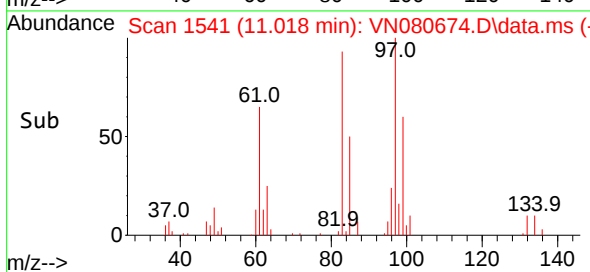
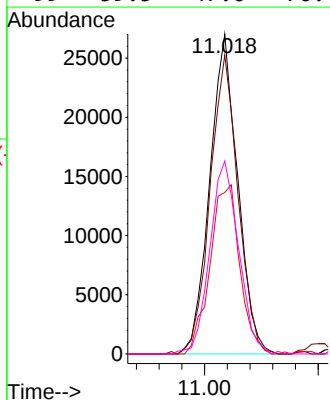
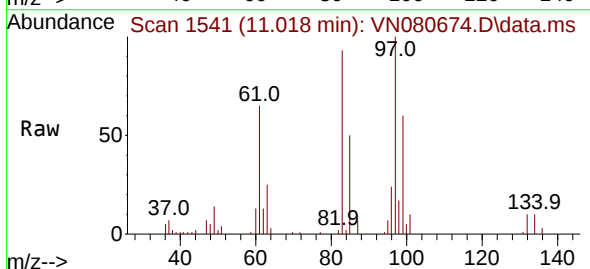
Manual Integrations
 APPROVED

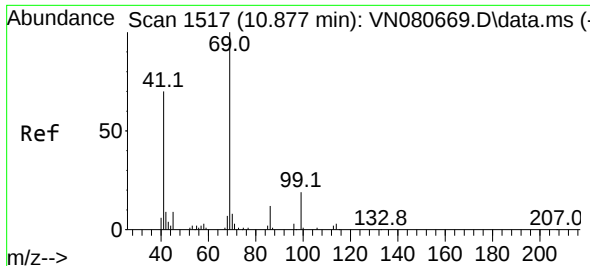
Reviewed By :John Carlone 01/12/2024
 Supervised By :Semsettin Yesilyurt 01/12/2024



#50
 1,1,2-Trichloroethane
 Concen: 20.413 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN080674.D
 Acq: 11 Jan 2024 14:05

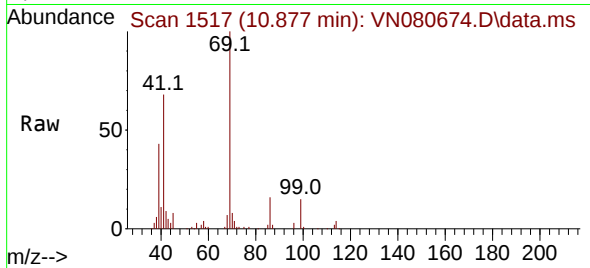
Tgt Ion: 97 Resp: 46154
 Ion Ratio Lower Upper
 97 100
 83 93.4 68.1 102.1
 85 50.5 41.8 62.6
 99 59.5 47.0 70.4





#51
Ethyl methacrylate
Concen: 20.610 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

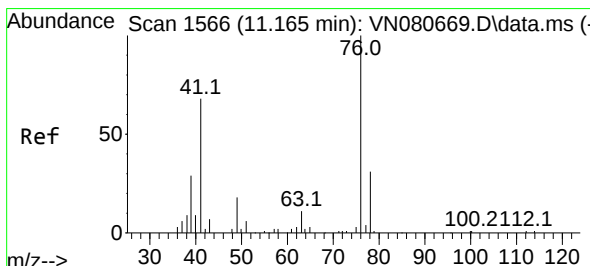
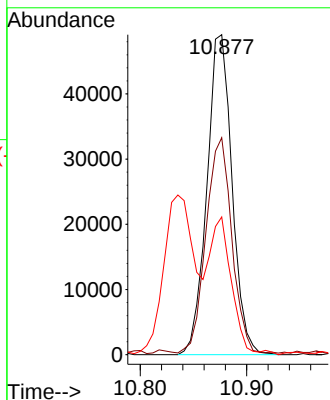
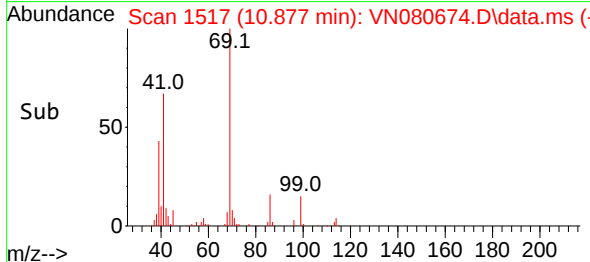
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



Tgt Ion: 69 Resp: 80554
Ion Ratio Lower Upper
69 100
41 67.3 25.5 76.5
39 43.0 16.0 47.9

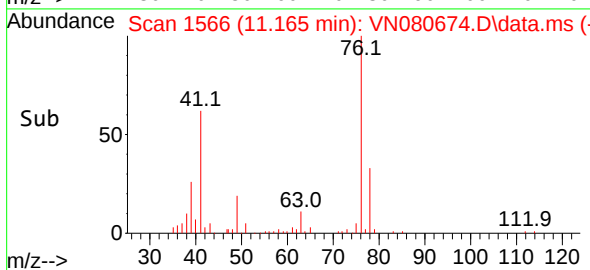
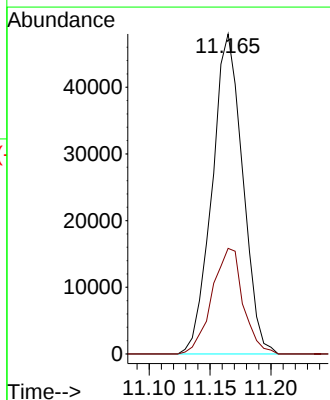
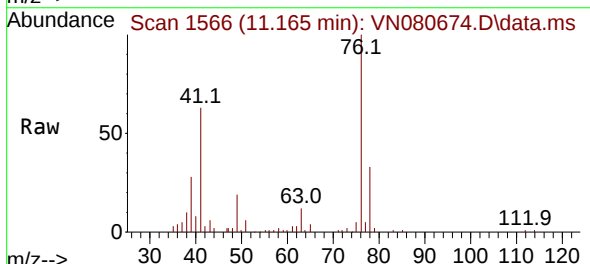
Manual Integrations
APPROVED

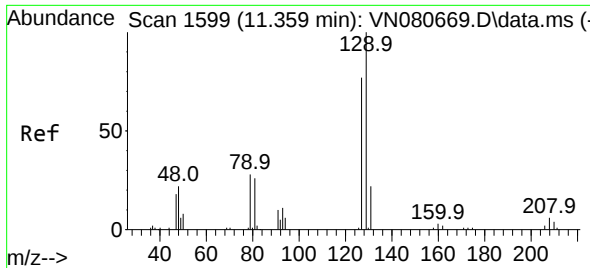
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#52
1,3-Dichloropropane
Concen: 19.723 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

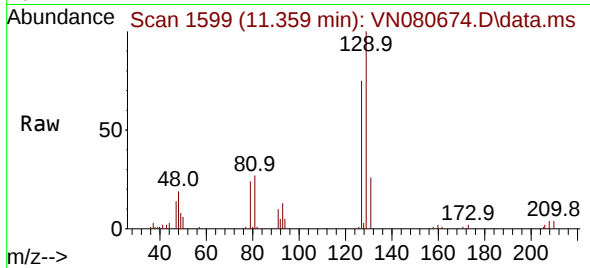
Tgt Ion: 76 Resp: 83951
Ion Ratio Lower Upper
76 100
78 33.5 0.0 65.8





#53
Dibromochloromethane
Concen: 20.362 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

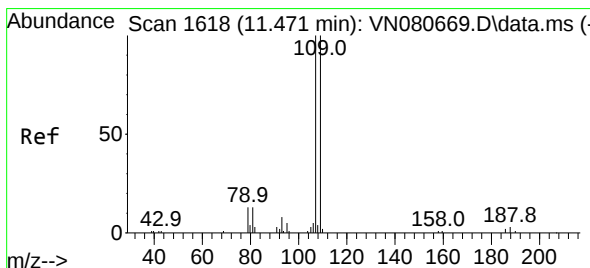
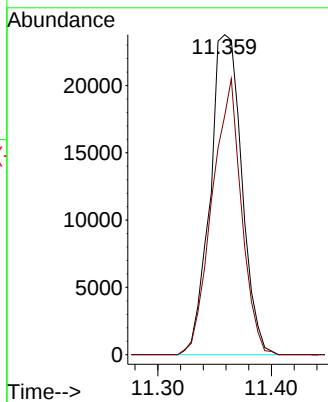
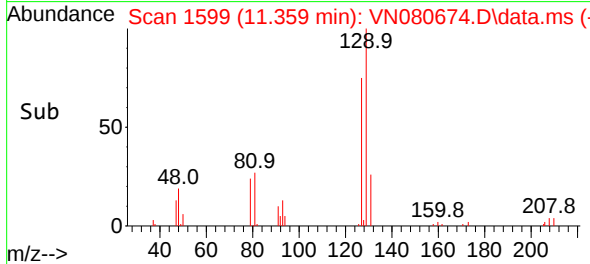
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



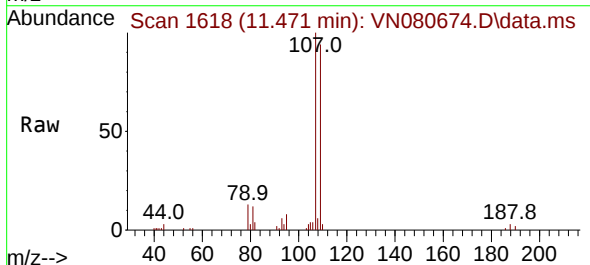
Tgt Ion:129 Resp: 46069
Ion Ratio Lower Upper
129 100
127 79.6 39.4 118.1

Manual Integrations
APPROVED

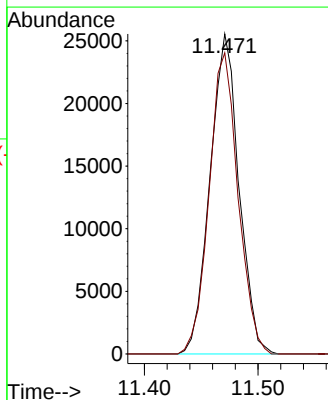
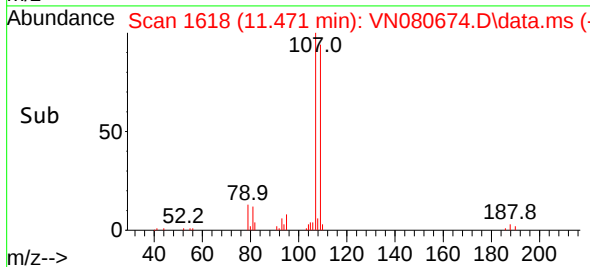
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

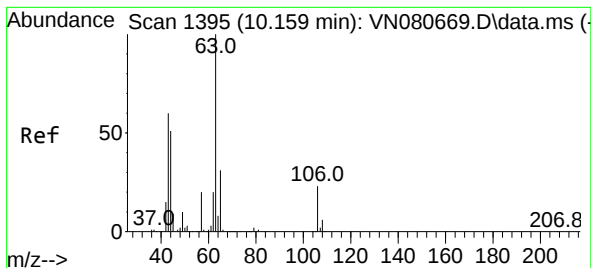


#54
1,2-Dibromoethane
Concen: 20.350 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05



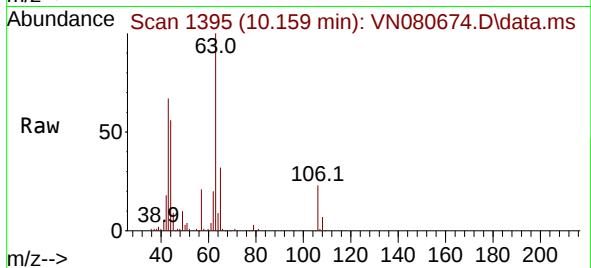
Tgt Ion:107 Resp: 45228
Ion Ratio Lower Upper
107 100
109 94.2 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 97.063 ug/l
RT: 10.159 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

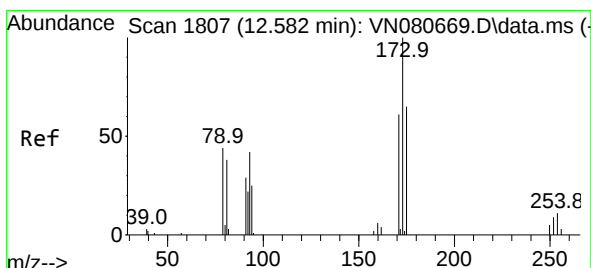
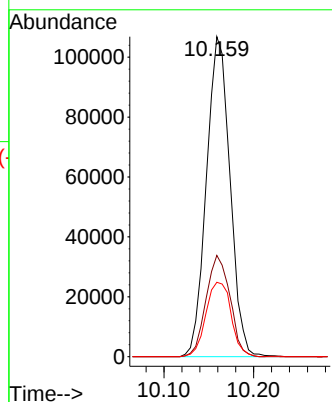
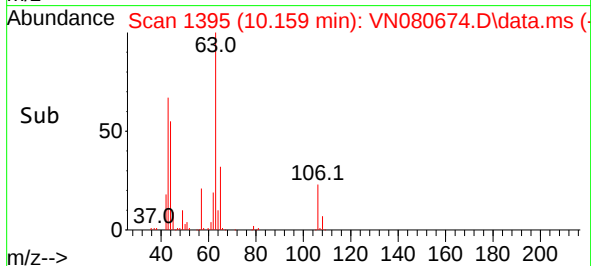
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



Tgt Ion: 63 Resp: 194994
Ion Ratio Lower Upper
63 100
65 32.0 26.2 39.2
106 24.9 23.8 35.8

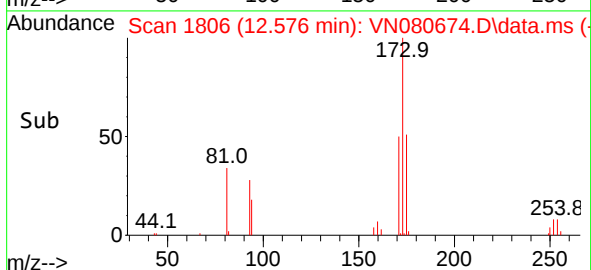
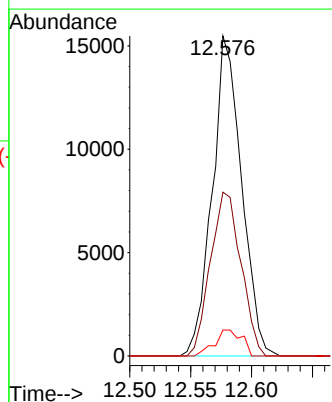
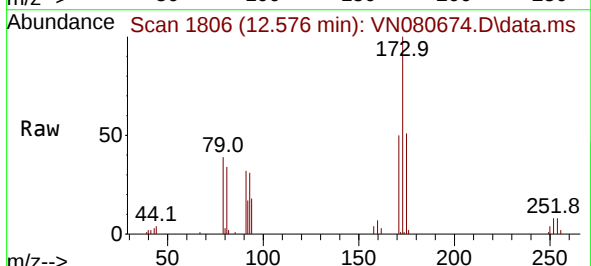
Manual Integrations
APPROVED

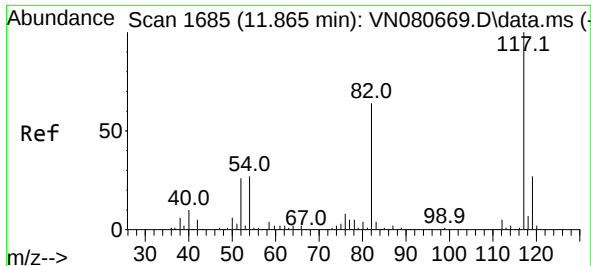
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#56
Bromoform
Concen: 19.350 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Tgt Ion:173 Resp: 25862
Ion Ratio Lower Upper
173 100
175 53.3 40.0 60.0
254 7.5 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBSD01

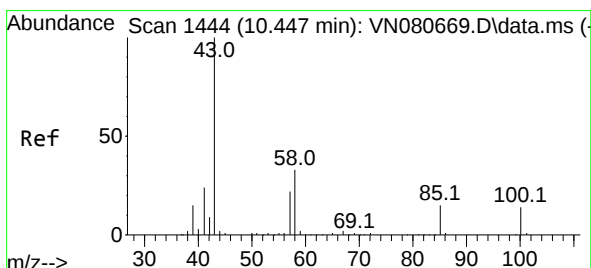
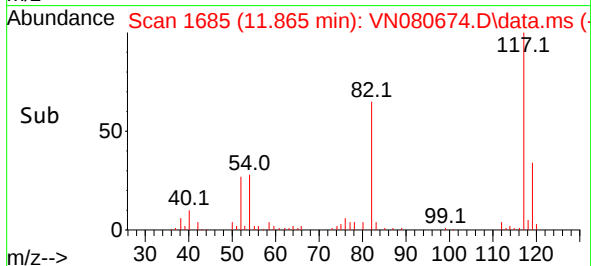
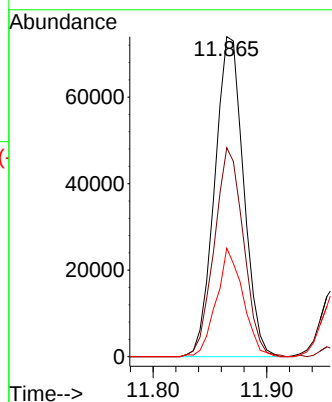
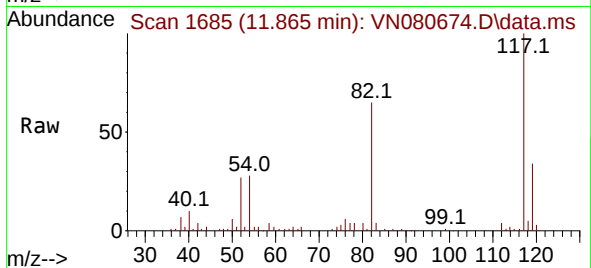
Tgt Ion:117 Resp: 130564
Ion Ratio Lower Upper
117 100
82 66.1 46.6 69.8
119 31.4 25.4 38.2

Manual Integrations

APPROVED

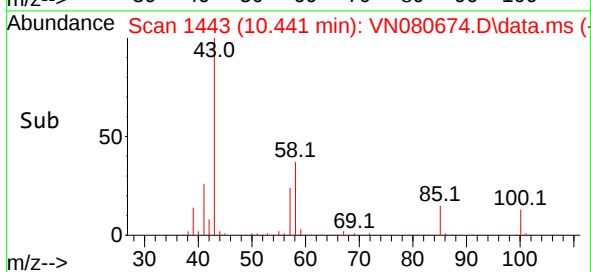
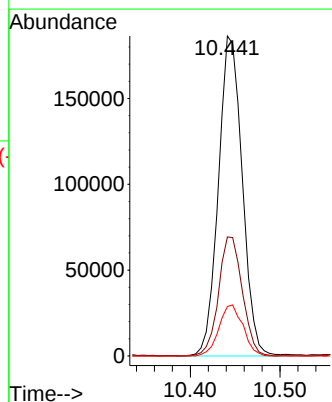
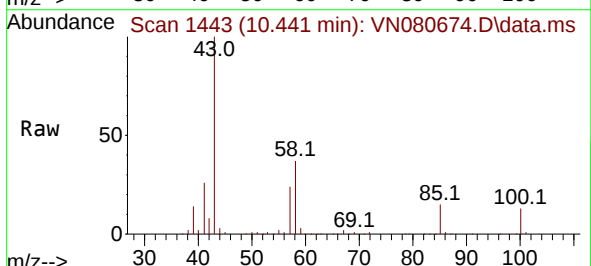
Reviewed By :John Carlone 01/12/2024

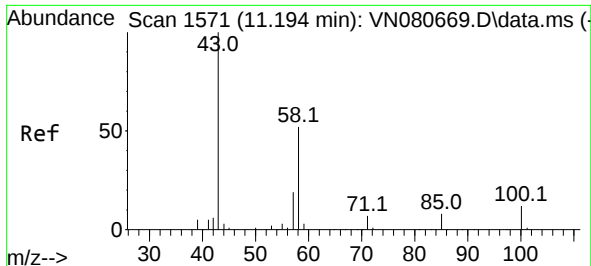
Supervised By :Semsettin Yesilyurt 01/12/2024



#58
4-Methyl-2-Pentanone
Concen: 100.121 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

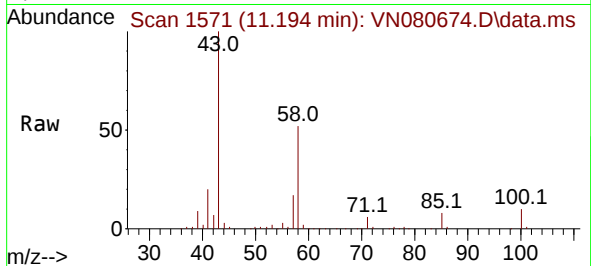
Tgt Ion: 43 Resp: 343878
Ion Ratio Lower Upper
43 100
58 37.1 36.5 54.7
85 16.1 19.5 29.3#





#59
2-Hexanone
Concen: 99.567 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

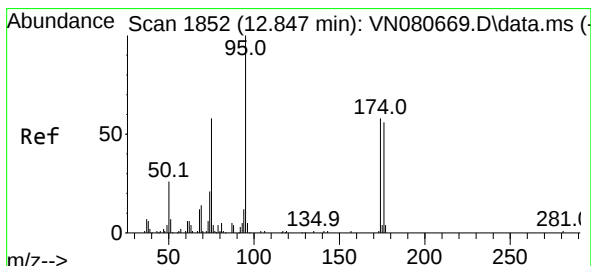
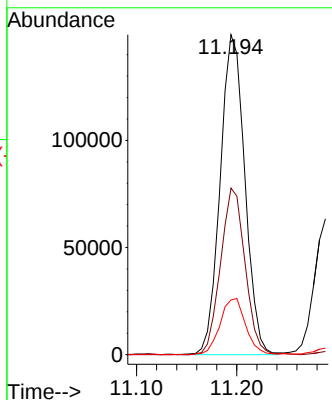
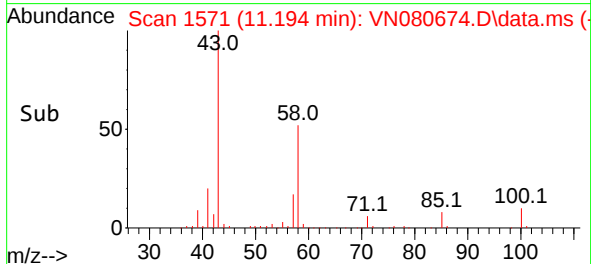
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



Tgt Ion: 43 Resp: 255329
Ion Ratio Lower Upper
43 100
58 51.6 50.4 75.6
57 18.2 18.6 27.8

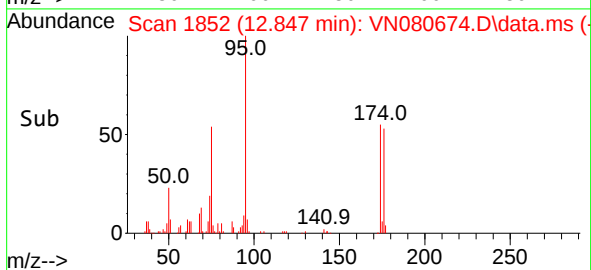
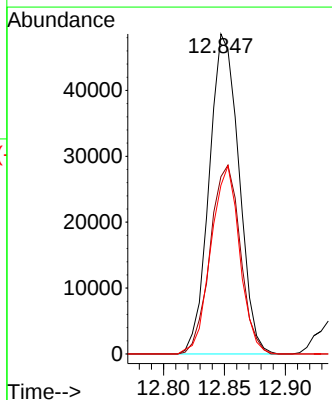
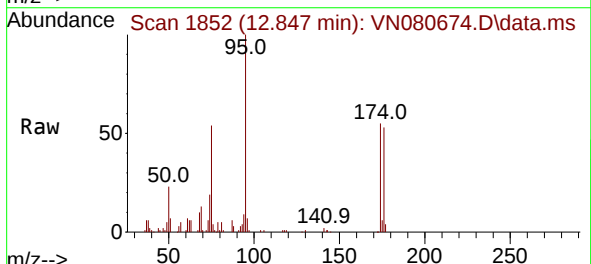
Manual Integrations
APPROVED

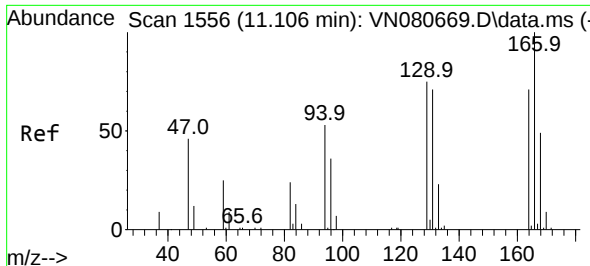
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#60
4-Bromofluorobenzene
Concen: 28.580 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

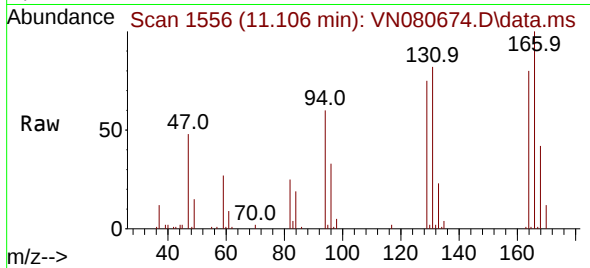
Tgt Ion: 95 Resp: 82546
Ion Ratio Lower Upper
95 100
174 59.8 60.5 90.7#
176 56.7 57.8 86.6#





#61
Tetrachloroethene
Concen: 19.570 ug/l
RT: 11.106 min Scan# 11556
Delta R.T. -0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

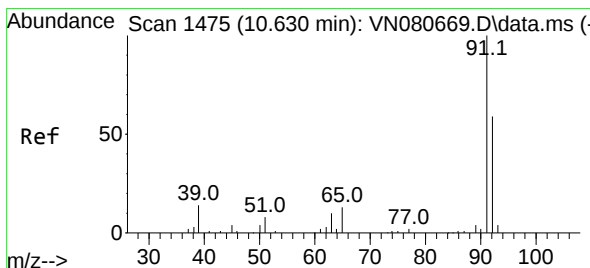
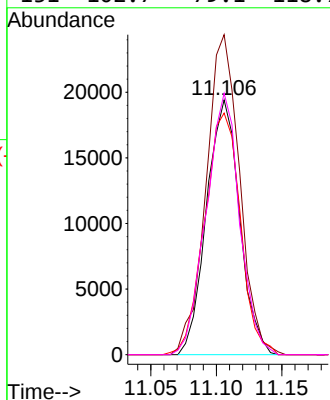
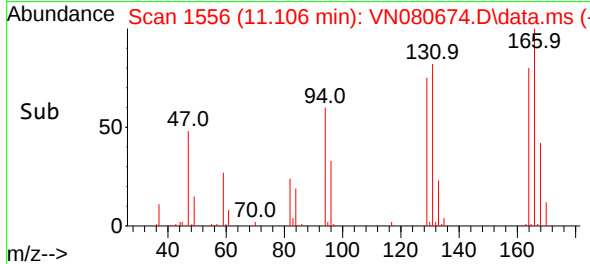
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



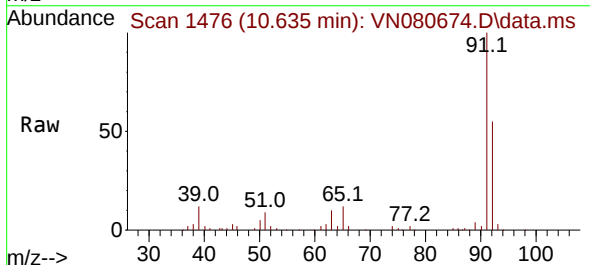
Tgt Ion:164 Resp: 34011
Ion Ratio Lower Upper
164 100
166 124.5 106.7 160.1
129 94.8 85.8 128.6
131 102.7 79.1 118.7

Manual Integrations
APPROVED

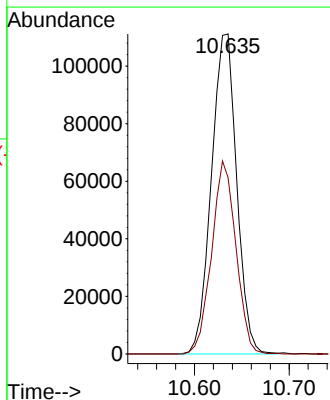
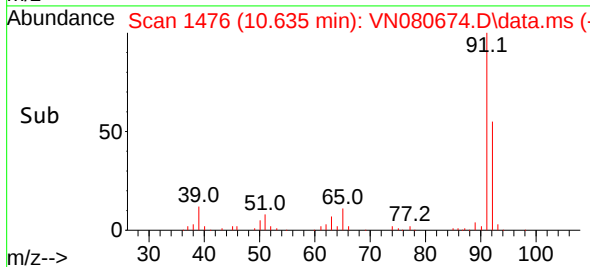
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

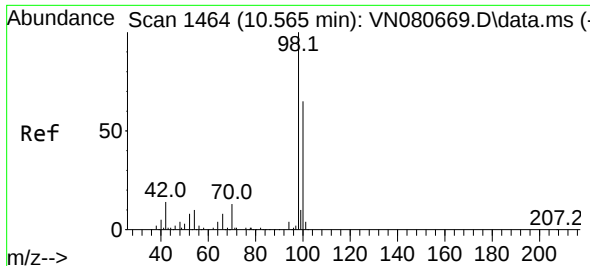


#62
Toluene
Concen: 19.634 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.005 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05



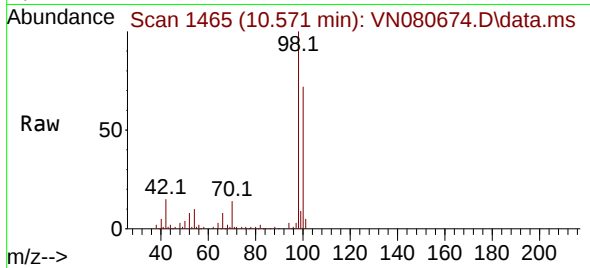
Tgt Ion: 91 Resp: 206181
Ion Ratio Lower Upper
91 100
92 57.9 46.5 69.7





#63
Toluene-d8
Concen: 29.544 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

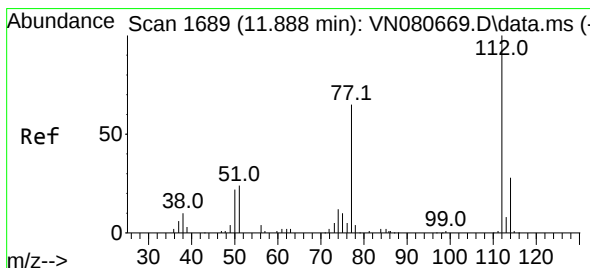
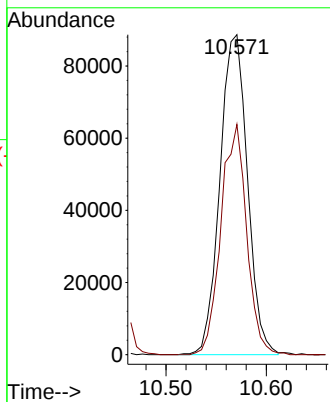
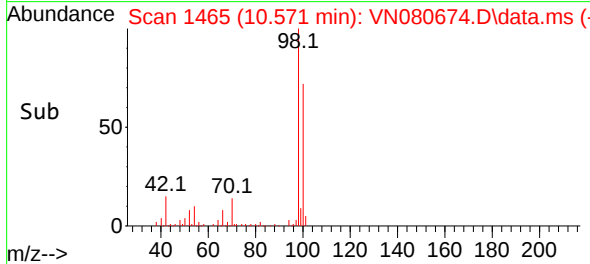
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



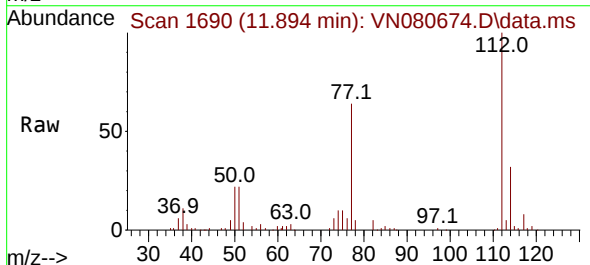
Tgt Ion: 98 Resp: 16929
Ion Ratio Lower Upper
98 100
100 67.0 52.7 79.1

Manual Integrations
APPROVED

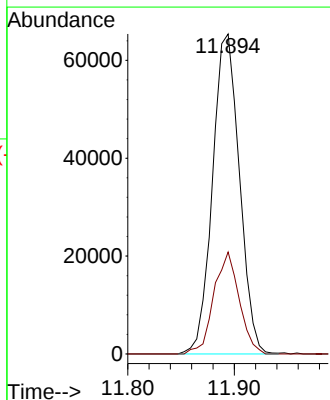
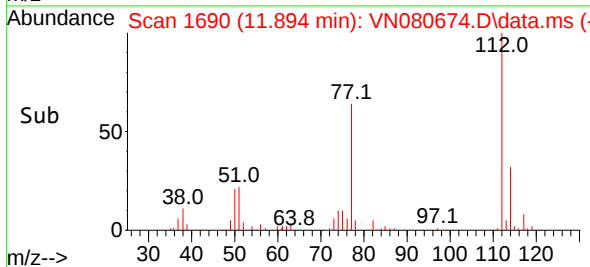
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

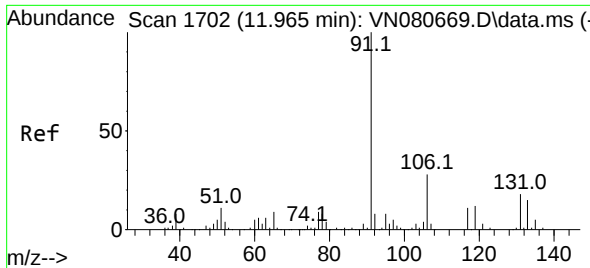


#64
Chlorobenzene
Concen: 19.621 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05



Tgt Ion:112 Resp: 114763
Ion Ratio Lower Upper
112 100
114 31.9 26.6 39.8





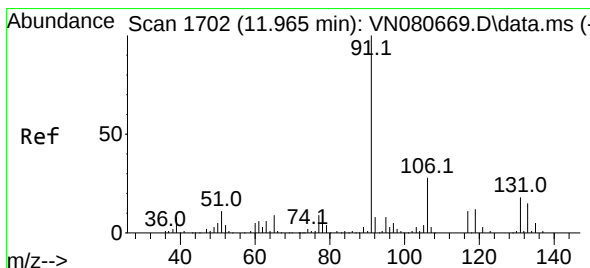
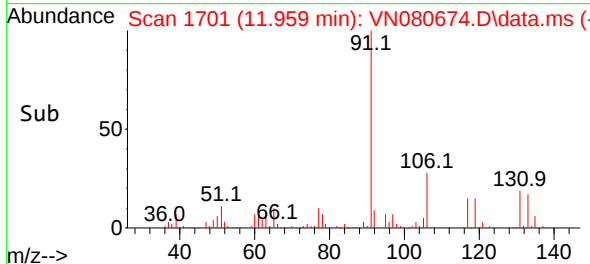
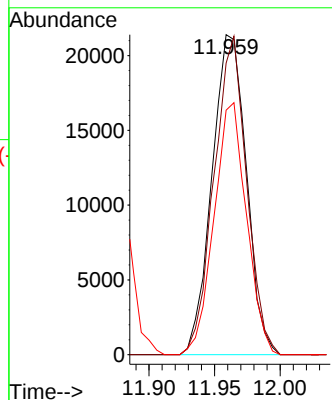
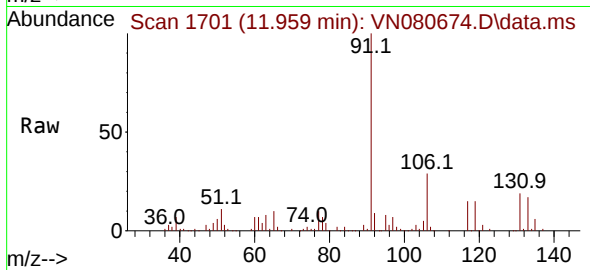
#65
1,1,1,2-Tetrachloroethane
Concen: 18.583 ug/l
RT: 11.959 min Scan# 1195
Delta R.T. -0.006 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01

Tgt Ion:131 Resp: 39054
Ion Ratio Lower Upper
131 100
133 94.2 0.0 188.0
119 74.4 0.0 122.8

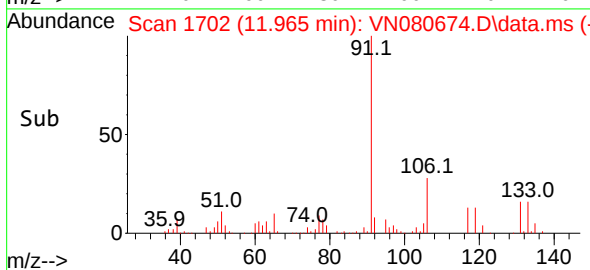
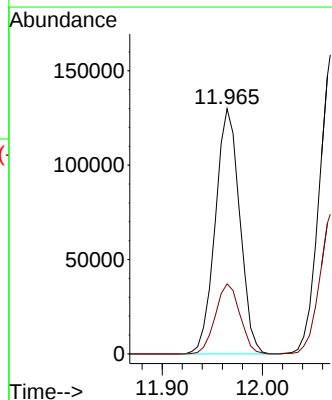
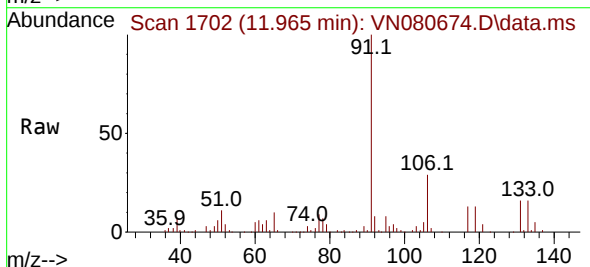
Manual Integrations
APPROVED

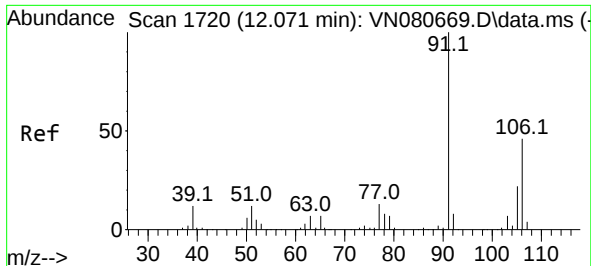
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#66
Ethyl Benzene
Concen: 19.940 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Tgt Ion: 91 Resp: 220242
Ion Ratio Lower Upper
91 100
106 28.5 24.4 36.6





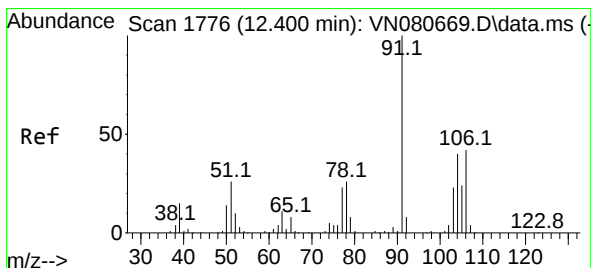
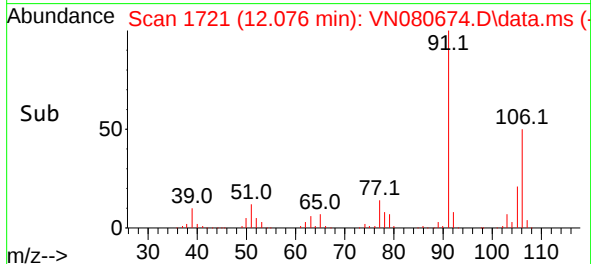
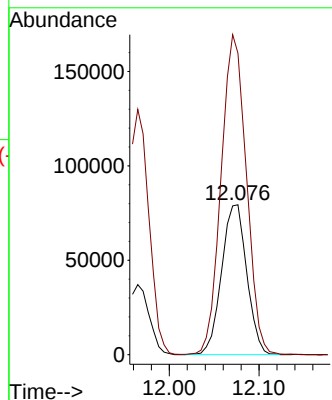
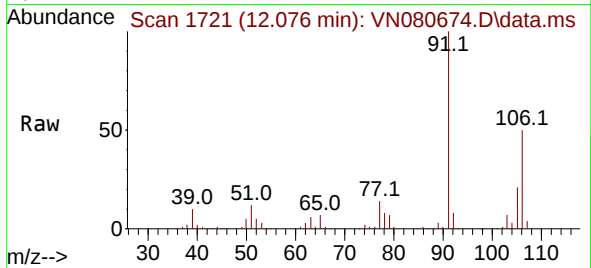
#67
m/p-Xylenes
Concen: 38.978 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.005 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01

Tgt Ion:106 Resp: 15473
Ion Ratio Lower Upper
106 100
91 214.1 166.6 249.8

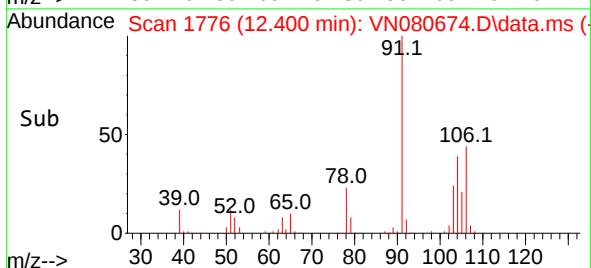
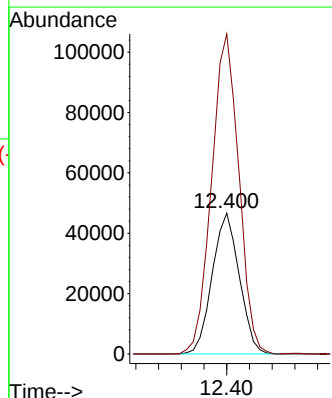
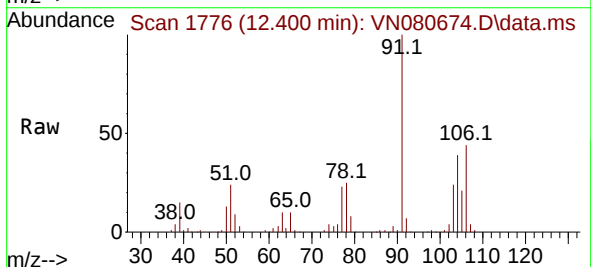
Manual Integrations
APPROVED

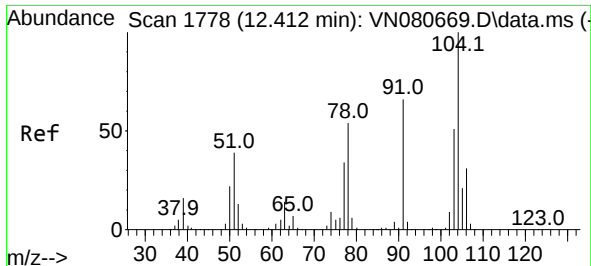
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#68
o-Xylene
Concen: 19.502 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

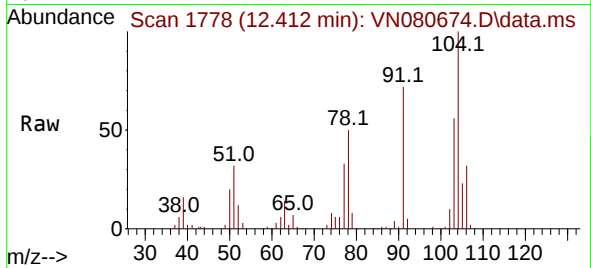
Tgt Ion:106 Resp: 77212
Ion Ratio Lower Upper
106 100
91 228.4 110.0 330.0





#69
Styrene
Concen: 19.231 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

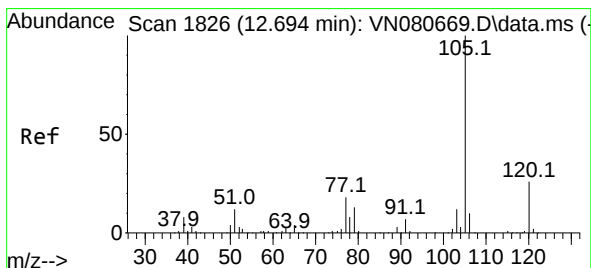
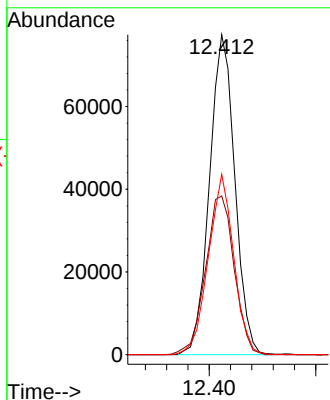
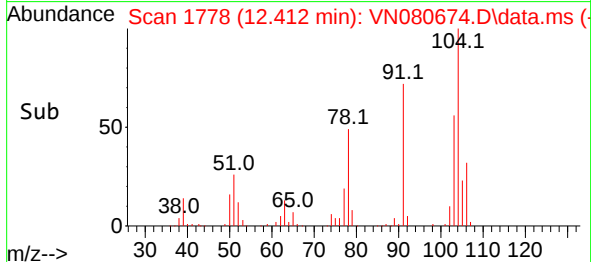
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



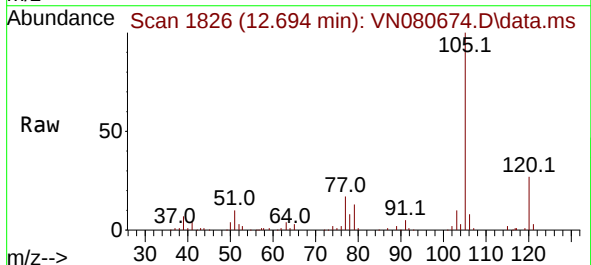
Tgt Ion:104 Resp: 127912
Ion Ratio Lower Upper
104 100
78 56.2 42.6 64.0
103 56.4 43.7 65.5

Manual Integrations
APPROVED

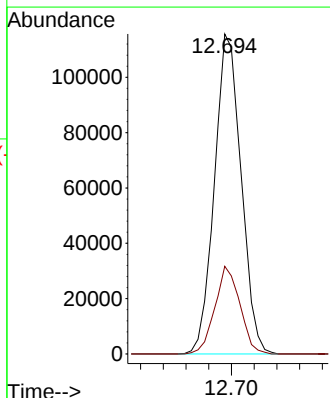
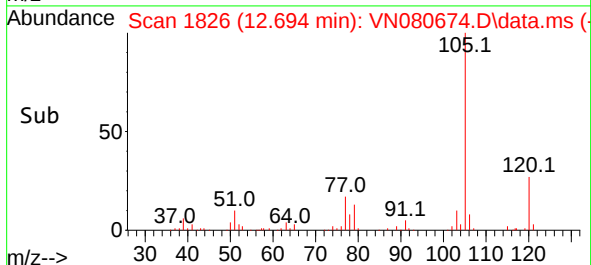
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

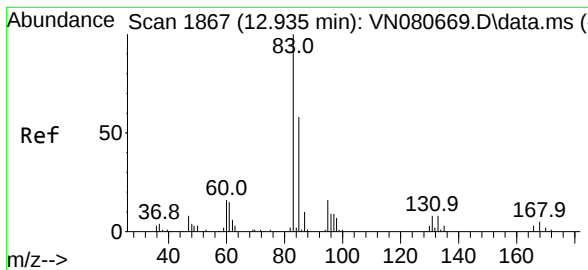


#70
Isopropylbenzene
Concen: 19.502 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05



Tgt Ion:105 Resp: 188700
Ion Ratio Lower Upper
105 100
120 25.7 17.8 33.1





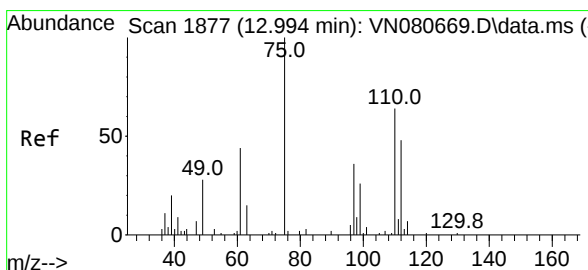
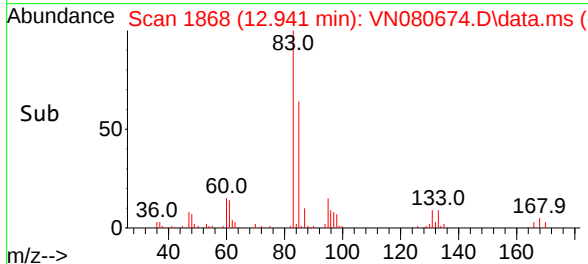
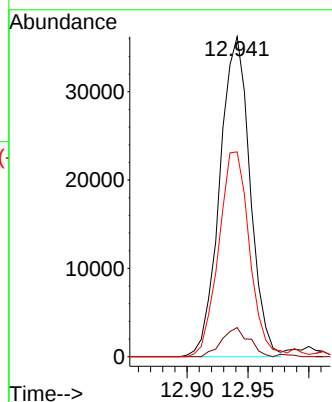
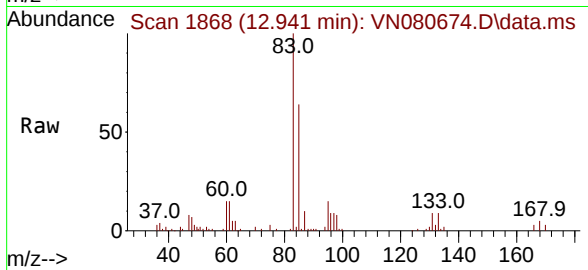
#71
1,1,2,2-Tetrachloroethane
Concen: 19.829 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01

Tgt Ion: 83 Resp: 62628
Ion Ratio Lower Upper
83 100
131 8.2 5.2 15.6
85 65.1 32.3 96.8

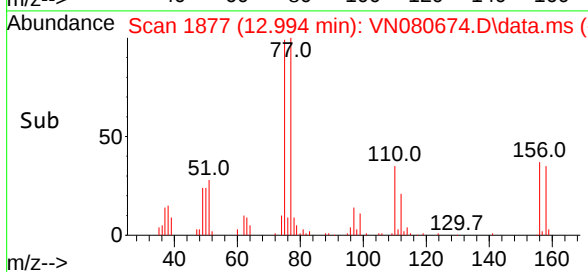
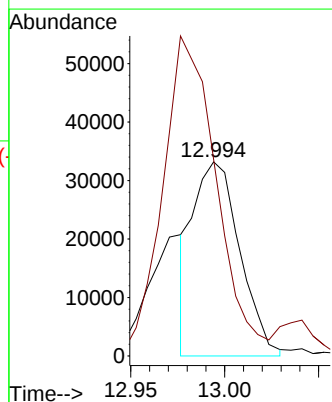
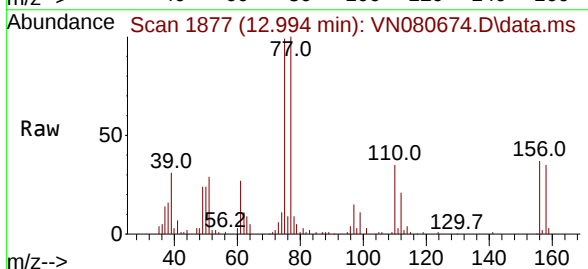
Manual Integrations
APPROVED

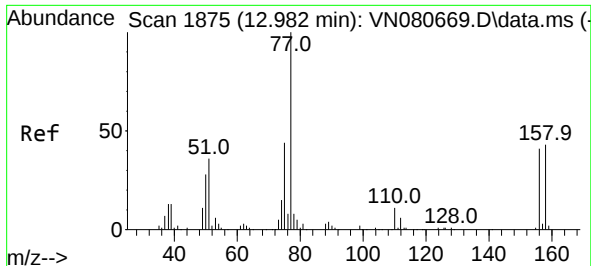
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#72
1,2,3-Trichloropropane
Concen: 19.163 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Tgt Ion: 75 Resp: 57362
Ion Ratio Lower Upper
75 100
77 189.8 0.0 367.6





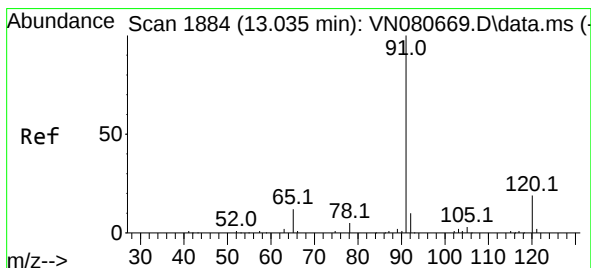
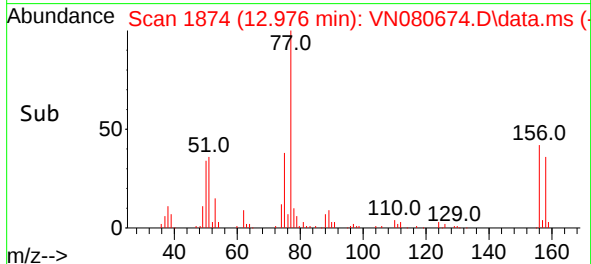
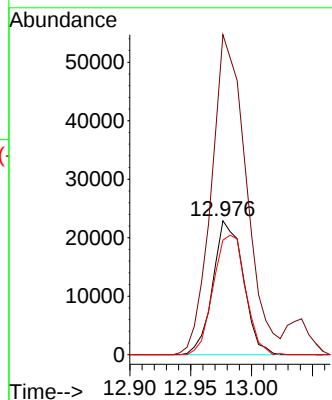
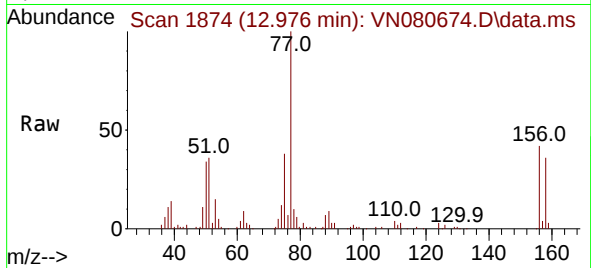
#73
Bromobenzene
Concen: 19.254 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01

Tgt Ion:156 Resp: 39712
Ion Ratio Lower Upper
156 100
77 274.1 0.0 437.6
158 94.0 0.0 203.8

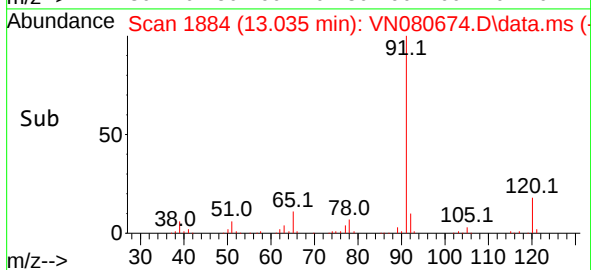
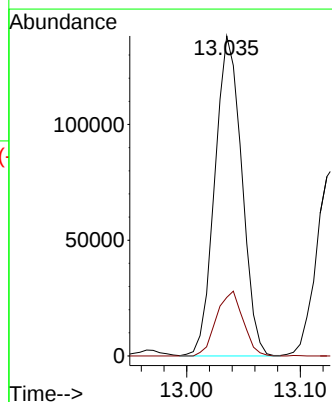
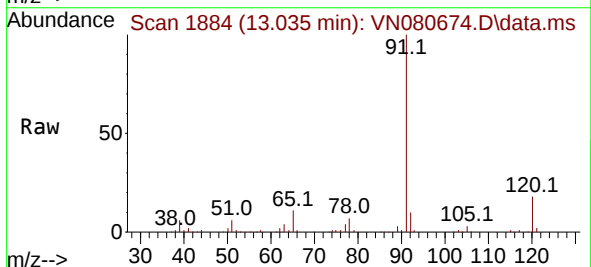
Manual Integrations
APPROVED

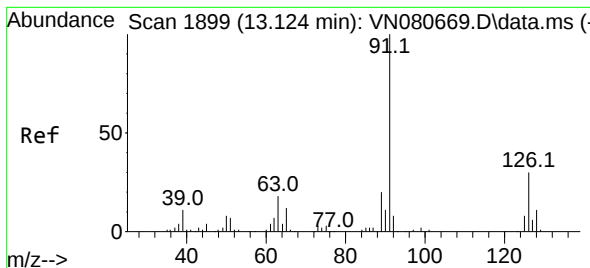
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#74
n-propylbenzene
Concen: 19.535 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Tgt Ion: 91 Resp: 227972
Ion Ratio Lower Upper
91 100
120 20.0 0.0 43.8





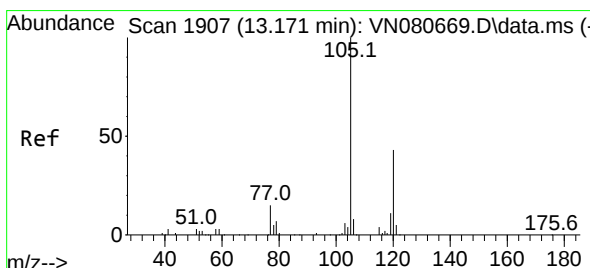
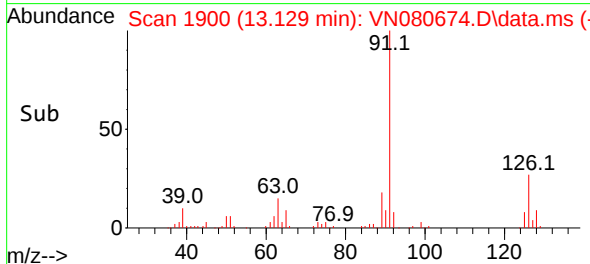
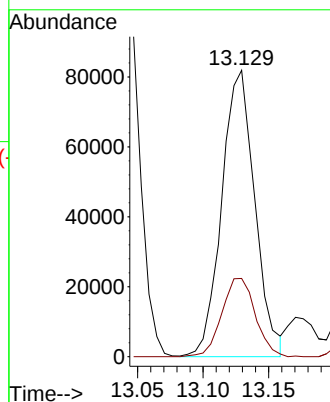
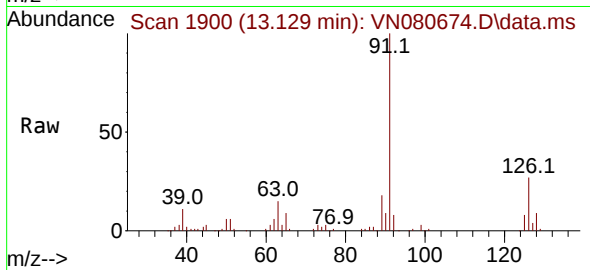
#75
2-Chlorotoluene
Concen: 19.606 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.005 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01

Tgt Ion: 91 Resp: 14388
Ion Ratio Lower Upper
91 100
126 27.6 0.0 61.2

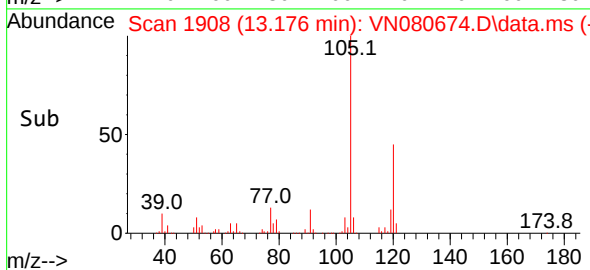
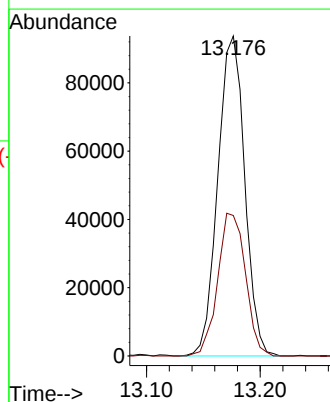
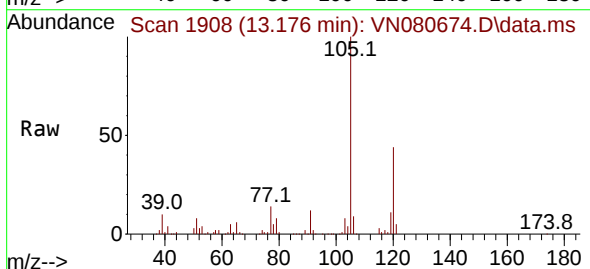
Manual Integrations
APPROVED

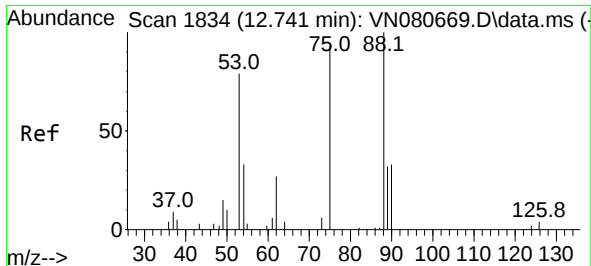
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.161 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.005 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Tgt Ion:105 Resp: 154313
Ion Ratio Lower Upper
105 100
120 45.9 0.0 95.8





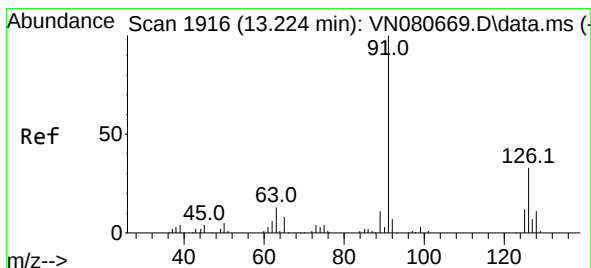
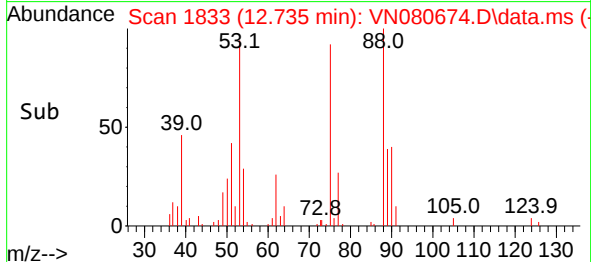
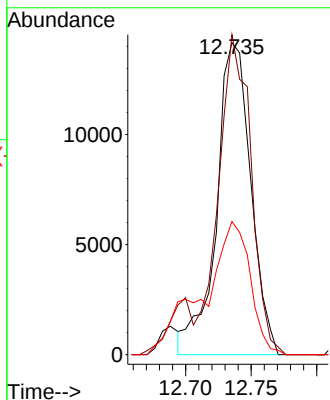
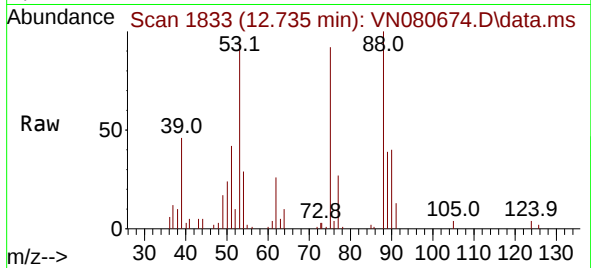
#77
t-1,4-Dichloro-2-butene
Concen: 20.970 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01

Tgt Ion: 75 Resp: 2573
Ion Ratio Lower Upper
75 100
53 100.1 45.9 137.7
89 41.3 25.9 77.7

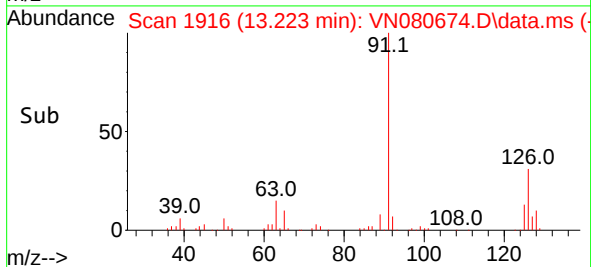
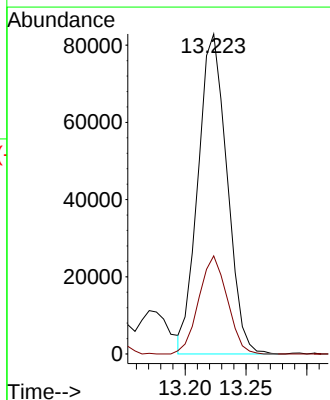
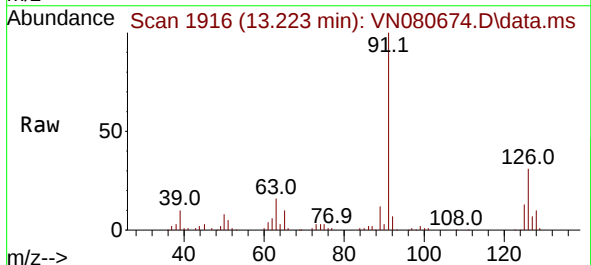
Manual Integrations
APPROVED

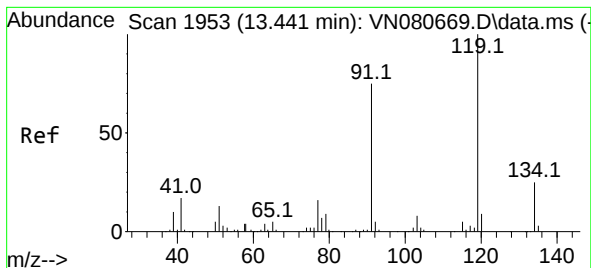
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#78
4-Chlorotoluene
Concen: 18.664 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.001 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

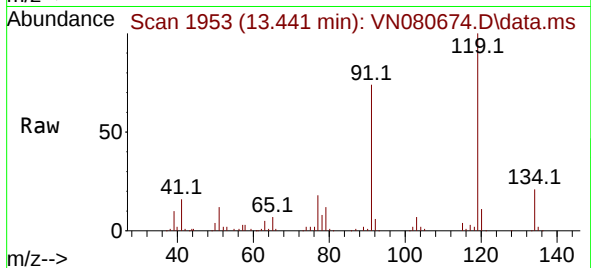
Tgt Ion: 91 Resp: 136917
Ion Ratio Lower Upper
91 100
126 30.0 0.0 62.8





#79
tert-butylbenzene
Concen: 19.069 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

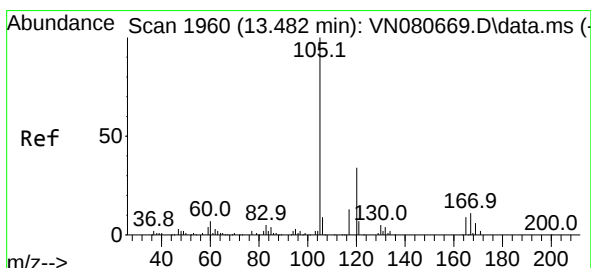
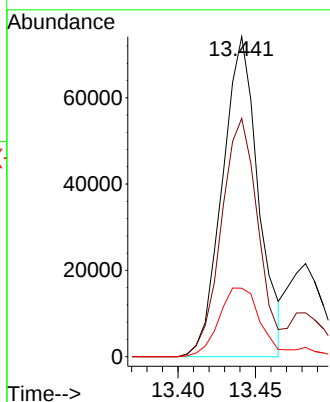
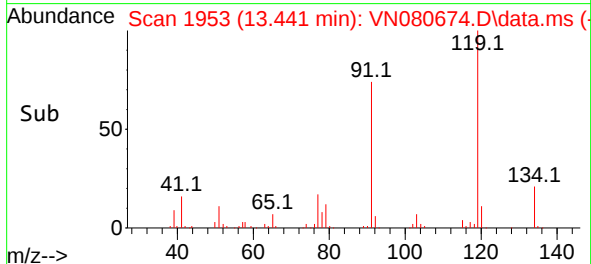
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



Tgt Ion:119 Resp: 119874
Ion Ratio Lower Upper
119 100
91 76.0 0.0 138.8
134 24.5 0.0 48.6

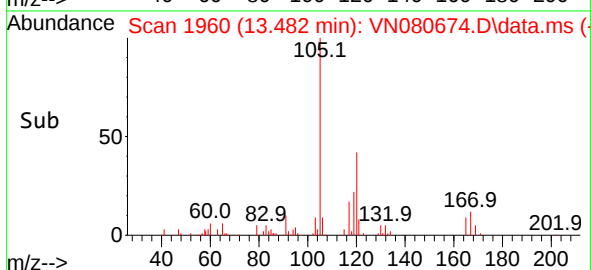
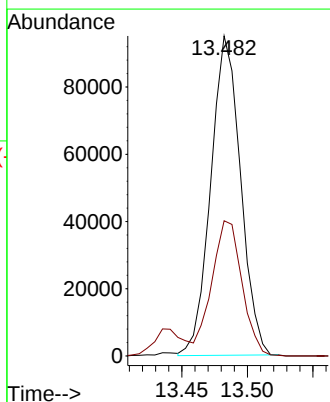
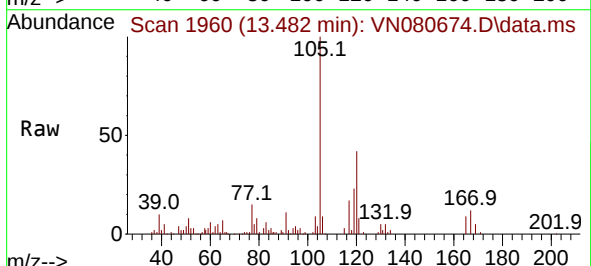
Manual Integrations
APPROVED

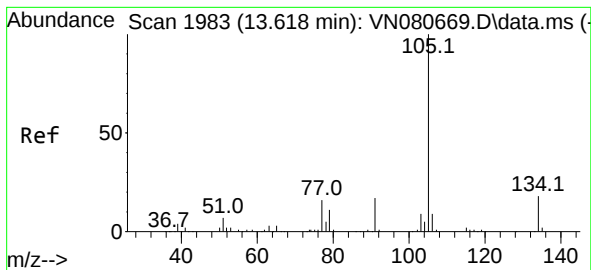
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.045 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

Tgt Ion:105 Resp: 150063
Ion Ratio Lower Upper
105 100
120 42.8 0.0 86.8





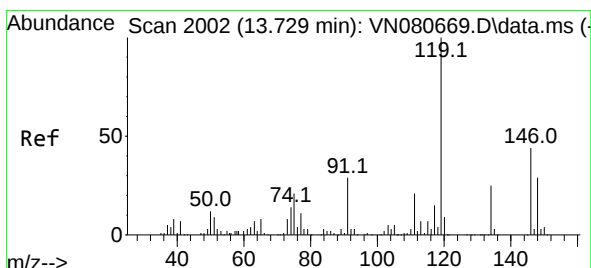
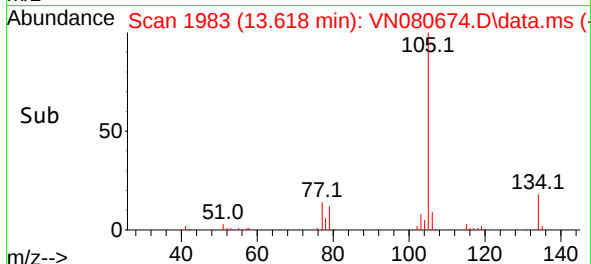
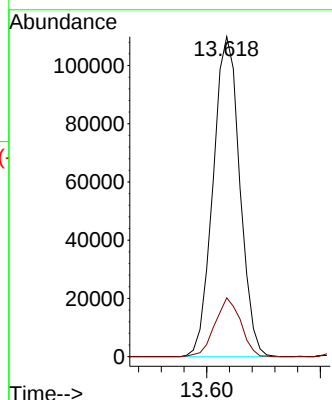
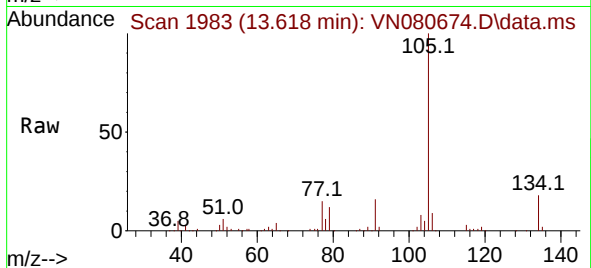
#81
 sec-Butylbenzene
 Concen: 19.431 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080674.D
 Acq: 11 Jan 2024 14:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111WBSD01

Tgt Ion:105 Resp: 17981
 Ion Ratio Lower Upper
 105 100
 134 17.8 0.0 39.0

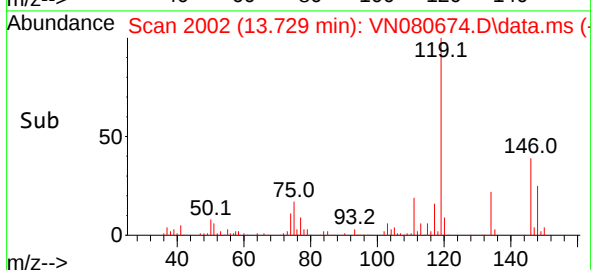
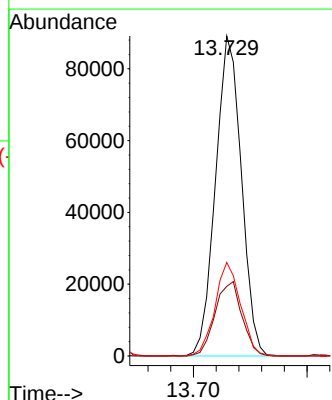
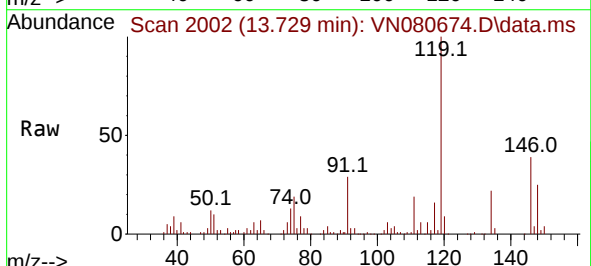
Manual Integrations
 APPROVED

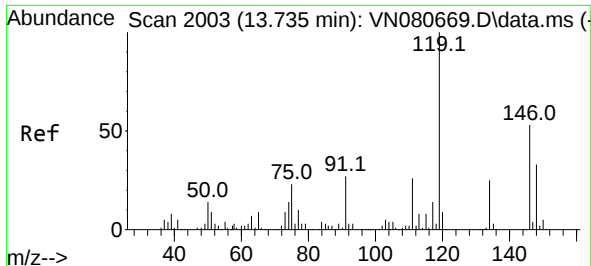
Reviewed By :John Carlone 01/12/2024
 Supervised By :Semsettin Yesilyurt 01/12/2024



#82
 p-Isopropyltoluene
 Concen: 19.942 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080674.D
 Acq: 11 Jan 2024 14:05

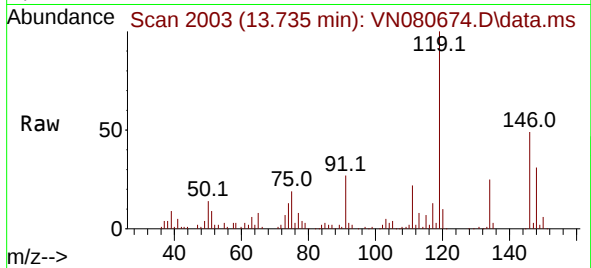
Tgt Ion:119 Resp: 140739
 Ion Ratio Lower Upper
 119 100
 134 24.2 0.0 49.2
 91 28.9 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 19.091 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

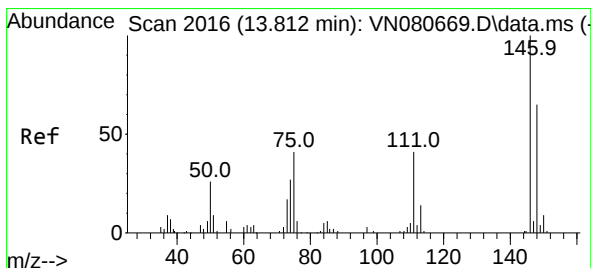
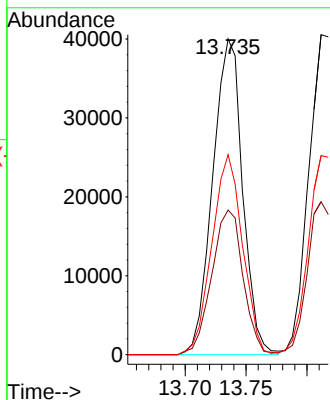
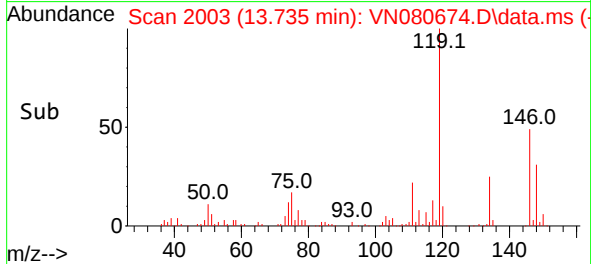
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



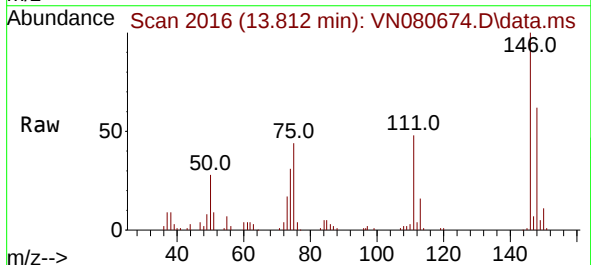
Tgt Ion:146 Resp: 68310
Ion Ratio Lower Upper
146 100
111 48.1 22.4 67.0
148 64.8 32.1 96.5

Manual Integrations
APPROVED

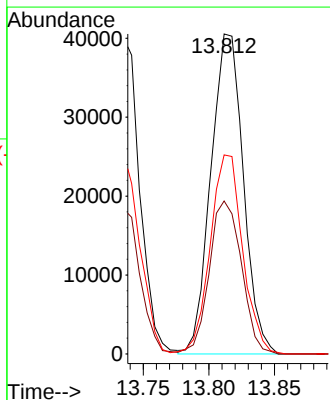
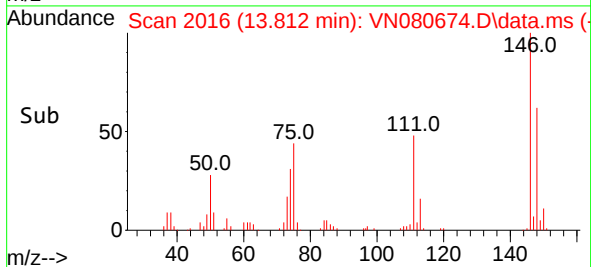
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

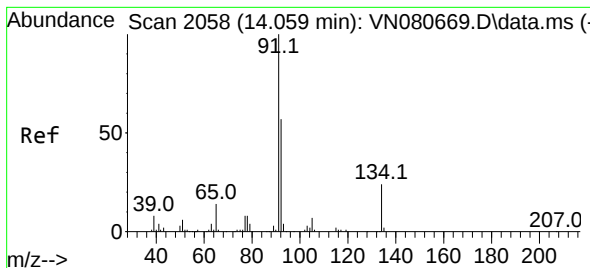


#84
1,4-Dichlorobenzene
Concen: 19.398 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05



Tgt Ion:146 Resp: 69888
Ion Ratio Lower Upper
146 100
111 47.3 21.3 63.9
148 62.2 31.9 95.5





#85

n-Butylbenzene

Concen: 18.976 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080674.D

Acq: 11 Jan 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBSD01

Tgt Ion: 91 Resp: 132310

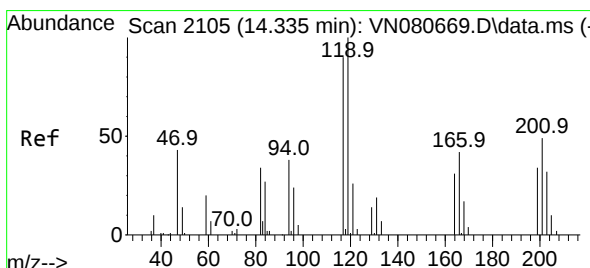
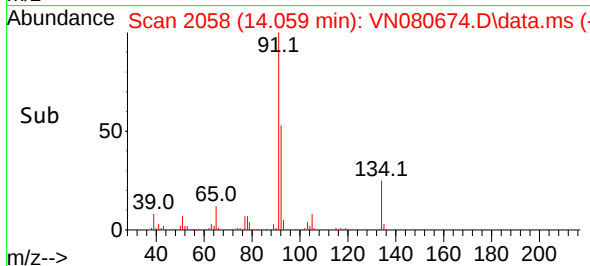
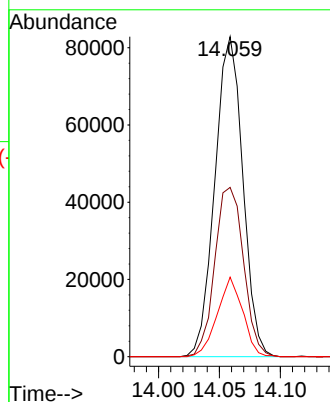
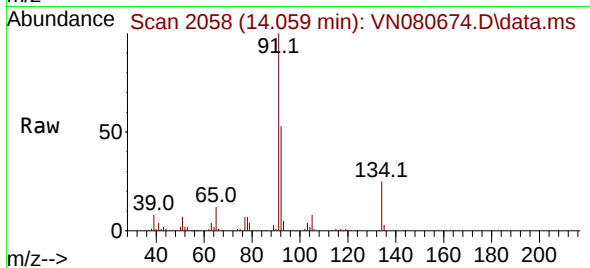
Ion	Ratio	Lower	Upper
91	100		
92	54.4	0.0	105.0
134	22.6	0.0	51.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#86

Hexachloroethane

Concen: 18.155 ug/l

RT: 14.335 min Scan# 2105

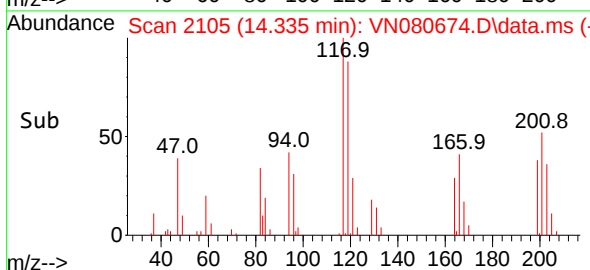
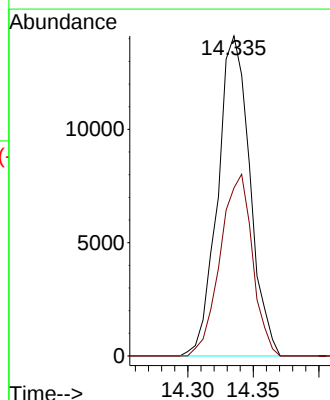
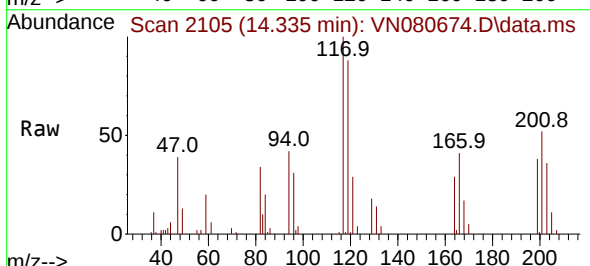
Delta R.T. 0.000 min

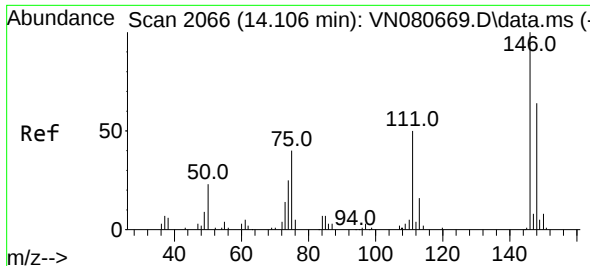
Lab File: VN080674.D

Acq: 11 Jan 2024 14:05

Tgt Ion:117 Resp: 24094

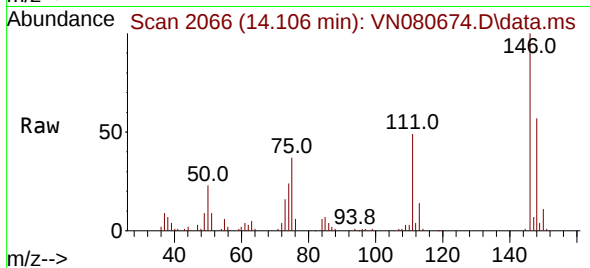
Ion	Ratio	Lower	Upper
117	100		
201	56.8	38.0	114.0





#87
1,2-Dichlorobenzene
Concen: 19.806 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

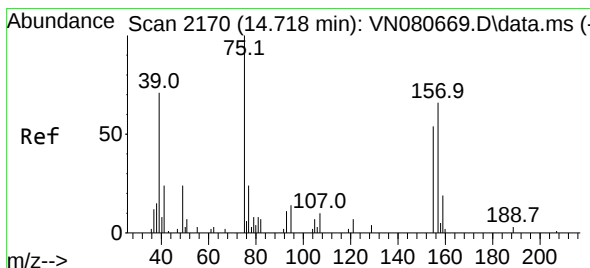
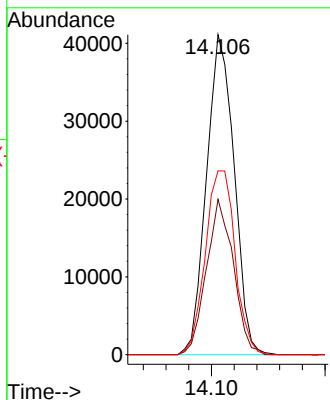
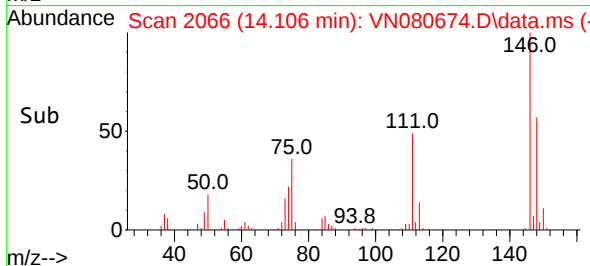
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



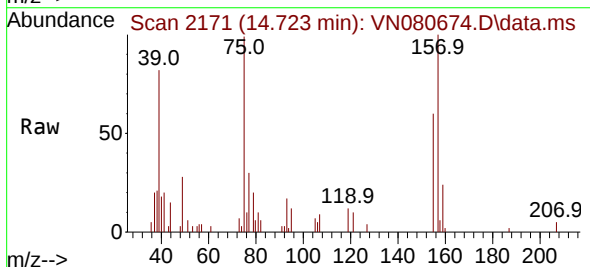
Tgt Ion:146 Resp: 6952
Ion Ratio Lower Upper
146 100
111 47.4 22.6 67.8
148 61.8 31.3 93.8

Manual Integrations
APPROVED

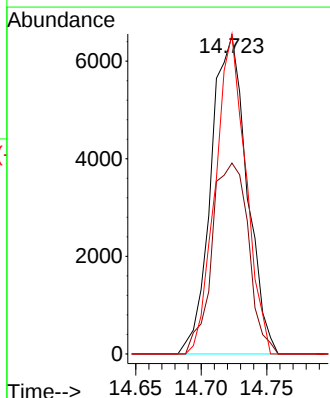
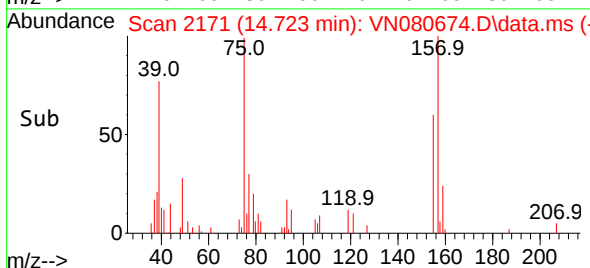
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

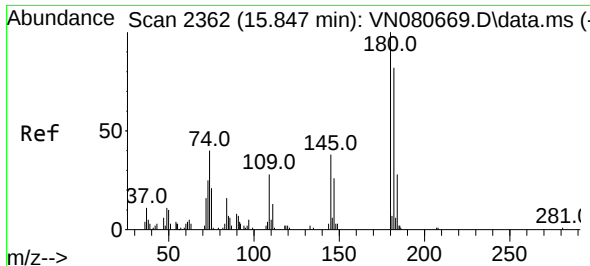


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.848 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.005 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05



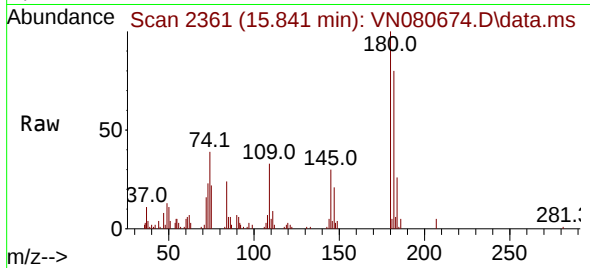
Tgt Ion: 75 Resp: 12394
Ion Ratio Lower Upper
75 100
155 60.9 61.7 92.5#
157 85.2 83.6 125.4





#89
1,2,4-Trichlorobenzene
Concen: 18.755 ug/l
RT: 15.841 min Scan# 2362
Delta R.T. -0.006 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

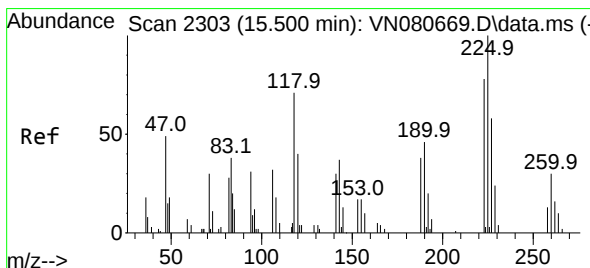
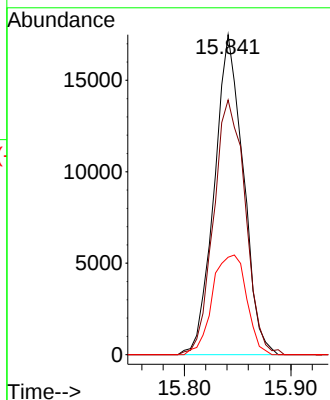
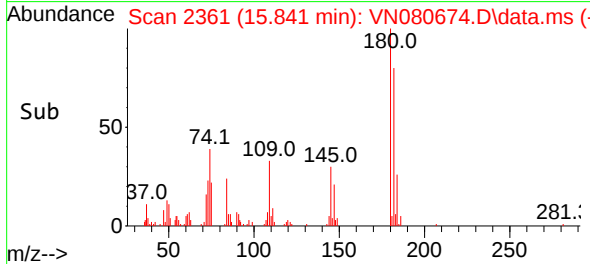
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



Tgt Ion:180 Resp: 33019
Ion Ratio Lower Upper
180 100
182 86.8 76.4 114.6
145 36.7 28.4 42.6

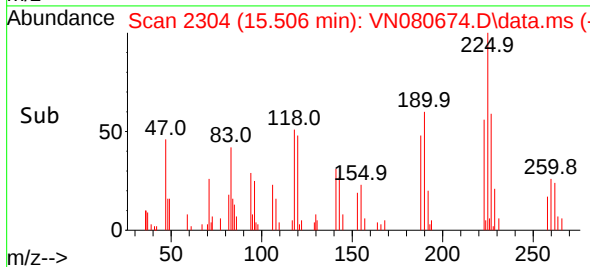
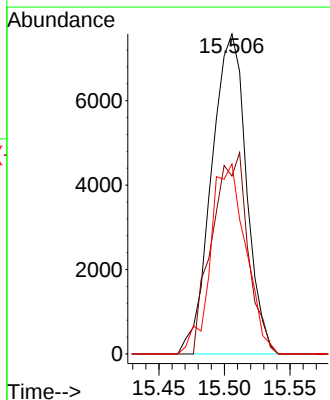
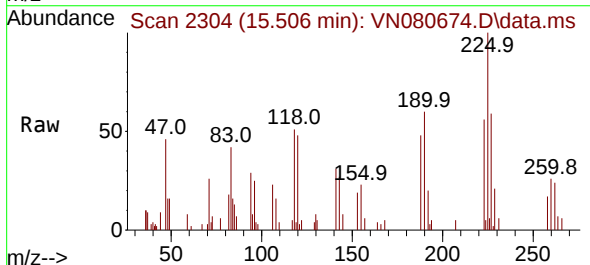
Manual Integrations
APPROVED

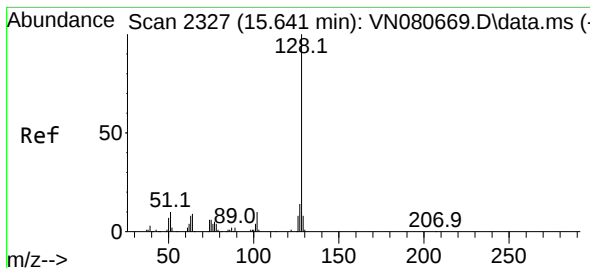
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#90
Hexachlorobutadiene
Concen: 17.354 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

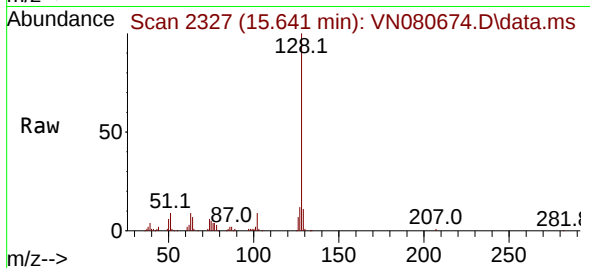
Tgt Ion:225 Resp: 13998
Ion Ratio Lower Upper
225 100
223 64.6 0.0 126.6
227 60.0 0.0 126.6





#91
Naphthalene
Concen: 19.190 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05

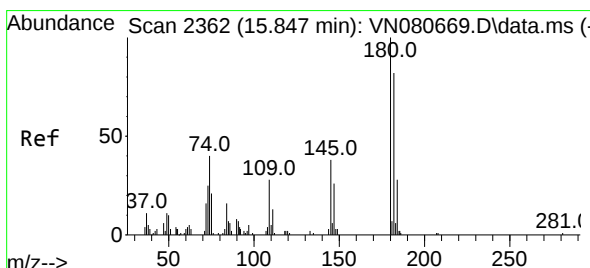
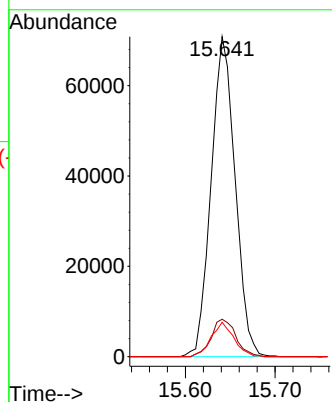
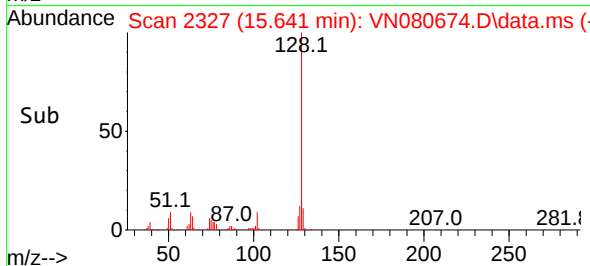
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



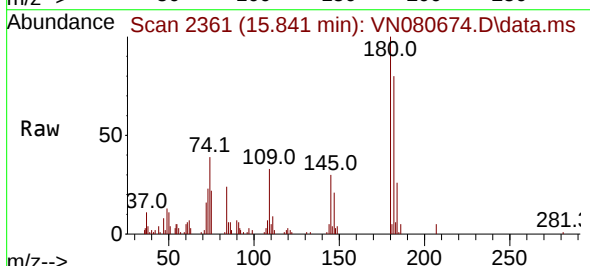
Tgt Ion:128 Resp: 131700
Ion Ratio Lower Upper
128 100
127 12.0 10.6 16.0
129 10.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#92
1,2,3-Trichlorobenzene
Concen: 18.755 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN080674.D
Acq: 11 Jan 2024 14:05



Tgt Ion:180 Resp: 33019
Ion Ratio Lower Upper
180 100
182 86.8 0.0 191.0
145 36.7 0.0 71.0

